

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040739.D
 Acq On : 21 Mar 2024 11:28
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 02:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	49582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	75377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	71992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36945	44.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.620%		
35) Dibromofluoromethane	5.379	113	28990	51.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.800%		
50) Toluene-d8	8.647	98	98656	51.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.160%		
62) 4-Bromofluorobenzene	11.079	95	37940	49.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34160	53.239	ug/l	99
3) Chloromethane	1.294	50	32901	50.133	ug/l	99
4) Vinyl Chloride	1.374	62	33454	53.835	ug/l	98
5) Bromomethane	1.605	94	25539	60.966	ug/l	92
6) Chloroethane	1.685	64	22882	52.387	ug/l	99
7) Trichlorofluoromethane	1.886	101	57710	53.076	ug/l	100
8) Diethyl Ether	2.130	74	18054	51.657	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	33113	52.959	ug/l	99
10) Methyl Iodide	2.453	142	42365	51.175	ug/l	99
11) Tert butyl alcohol	2.947	59	33782	253.042	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30193	51.555	ug/l	93
13) Acrolein	2.233	56	19191	242.906	ug/l	100
14) Allyl chloride	2.666	41	54394	51.823	ug/l	90
15) Acrylonitrile	3.056	53	87066	264.178	ug/l	100
16) Acetone	2.374	43	73840	250.051	ug/l	99
17) Carbon Disulfide	2.514	76	85449	50.795	ug/l	99
18) Methyl Acetate	2.697	43	38240	48.318	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	106094	52.487	ug/l	99
20) Methylene Chloride	2.788	84	33480	51.867	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	31745	51.346	ug/l	92
22) Diisopropyl ether	3.751	45	107837	52.652	ug/l	95
23) Vinyl Acetate	3.715	43	514456	265.735	ug/l	98
24) 1,1-Dichloroethane	3.605	63	61145	51.977	ug/l	99
25) 2-Butanone	4.544	43	121953	263.667	ug/l	98
26) 2,2-Dichloropropane	4.471	77	54866	53.455	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	36918	51.549	ug/l	99
28) Bromochloromethane	4.891	49	25362	47.138	ug/l	100
29) Tetrahydrofuran	4.989	42	78846	256.283	ug/l	100
30) Chloroform	5.093	83	65662	52.136	ug/l	97
31) Cyclohexane	5.464	56	52501	53.001	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	59344	54.820	ug/l	98
36) 1,1-Dichloropropene	5.690	75	43621	52.527	ug/l	99
37) Ethyl Acetate	4.702	43	51544	54.659	ug/l	98
38) Carbon Tetrachloride	5.672	117	49658	53.126	ug/l	96
39) Methylcyclohexane	7.379	83	51554	56.035	ug/l	94
40) Benzene	6.031	78	116136	50.645	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	27723	57.343	ug/l	96
42) 1,2-Dichloroethane	6.080	62	47589	51.285	ug/l	97
43) Isopropyl Acetate	6.330	43	80226	54.177	ug/l	98
44) Trichloroethene	7.123	130	29845	54.299	ug/l	99
45) 1,2-Dichloropropane	7.428	63	29769	55.331	ug/l	98
46) Dibromomethane	7.574	93	23939	56.180	ug/l	97
47) Bromodichloromethane	7.818	83	48837	56.091	ug/l	100
48) Methyl methacrylate	7.684	41	37754	55.782	ug/l	91
49) 1,4-Dioxane	7.653	88	12022	1052.483	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	253916	276.497	ug/l	97
52) Toluene	8.714	92	76978	56.286	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	49661	55.137	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	52392	56.244	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	30272	54.354	ug/l	93
56) Ethyl methacrylate	9.110	69	53728	57.715	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	52282	55.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	120442	246.520	ug/l	97
59) 2-Hexanone	9.427	43	192085	270.014	ug/l	96
60) Dibromochloromethane	9.519	129	36054	55.090	ug/l	98
61) 1,2-Dibromoethane	9.604	107	32185	54.725	ug/l	100
64) Tetrachloroethene	9.269	164	27552	51.380	ug/l	97
65) Chlorobenzene	10.073	112	88664	54.301	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	30833	55.491	ug/l	99
67) Ethyl Benzene	10.189	91	159941	54.695	ug/l	97
68) m/p-Xylenes	10.299	106	117285	109.548	ug/l	92
69) o-Xylene	10.640	106	56794	55.219	ug/l	95
70) Styrene	10.653	104	96124	55.828	ug/l	96
71) Bromoform	10.799	173	23899	52.661	ug/l #	99
73) Isopropylbenzene	10.957	105	141355	52.214	ug/l	99
74) N-amyl acetate	10.842	43	72637	54.495	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	46975	51.256	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41379m	53.738	ug/l	
77) Bromobenzene	11.195	156	34118	52.066	ug/l	98
78) n-propylbenzene	11.305	91	174116	52.162	ug/l	99
79) 2-Chlorotoluene	11.360	91	100467	52.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	122457	53.957	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	16246	53.559	ug/l #	94
82) 4-Chlorotoluene	11.451	91	123699	51.204	ug/l	100
83) tert-Butylbenzene	11.713	119	122608	53.864	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	120658	52.824	ug/l	98
85) sec-Butylbenzene	11.890	105	155682	53.784	ug/l	99
86) p-Isopropyltoluene	12.006	119	128218	53.418	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	66999	53.541	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	66749	50.227	ug/l	98
89) n-Butylbenzene	12.329	91	127894	52.839	ug/l	96
90) Hexachloroethane	12.536	117	23860	57.088	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	63345	51.524	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11923	52.103	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	46983	53.771	ug/l	96
94) Hexachlorobutadiene	13.725	225	18345	53.266	ug/l	97
95) Naphthalene	13.774	128	147964	53.526	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43579	50.764	ug/l	98

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QLast Update : Fri Mar 22 01:58:09 2024
Response via : Initial Calibration

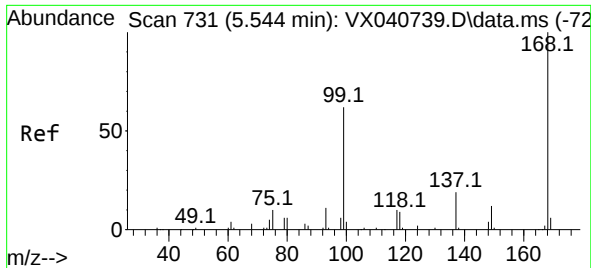
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

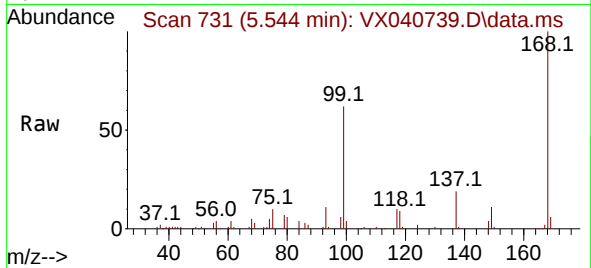
Quant Time: Mar 22 02:03:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

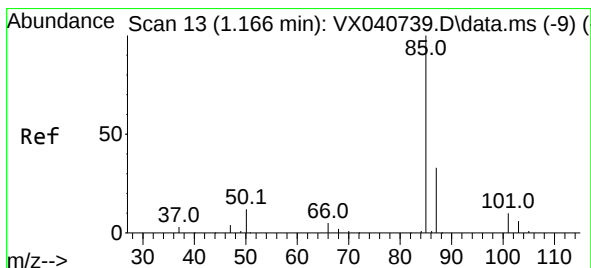
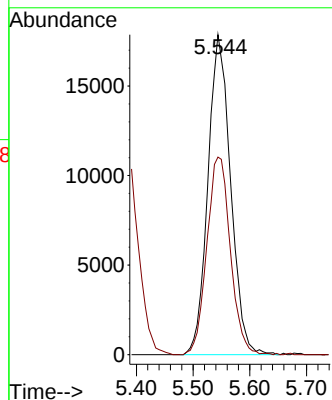
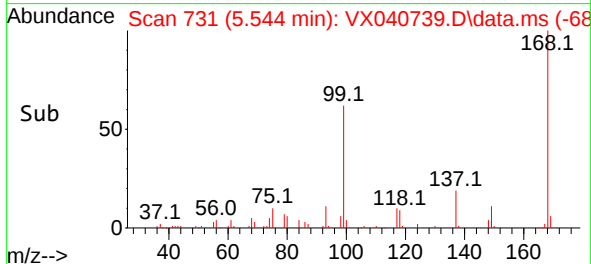
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 4958
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0

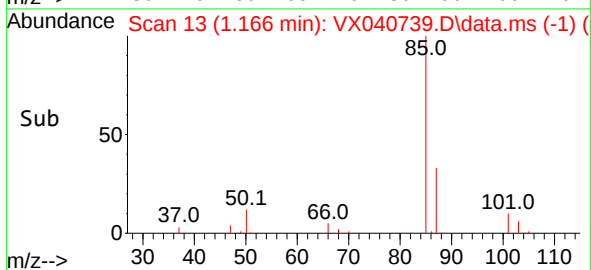
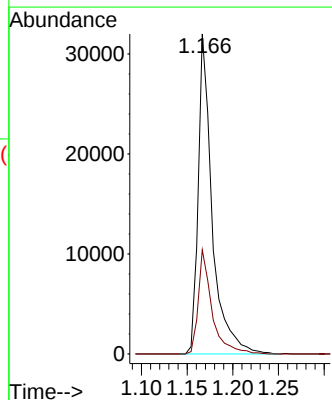
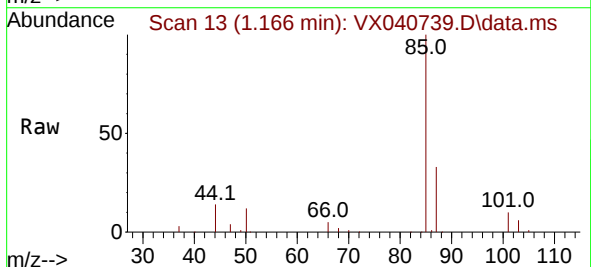
Manual Integrations
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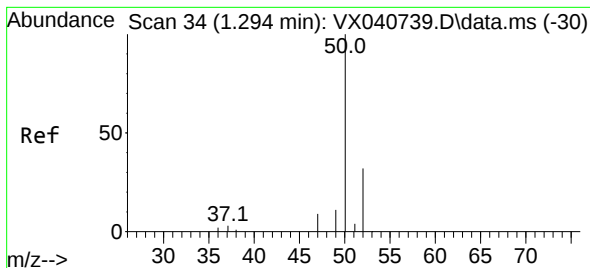
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#2
Dichlorodifluoromethane
Concen: 53.239 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 85 Resp: 34160
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3

Chloromethane

Concen: 50.133 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 3290

Ion Ratio Lower Upper

50 100

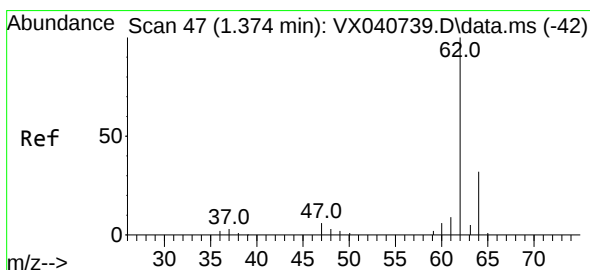
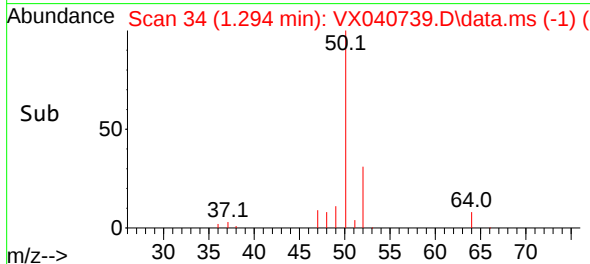
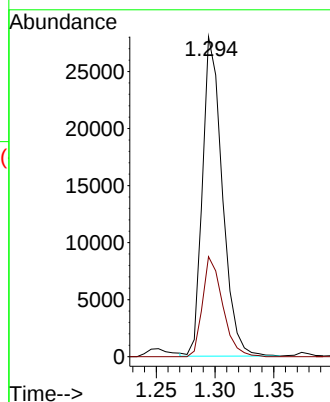
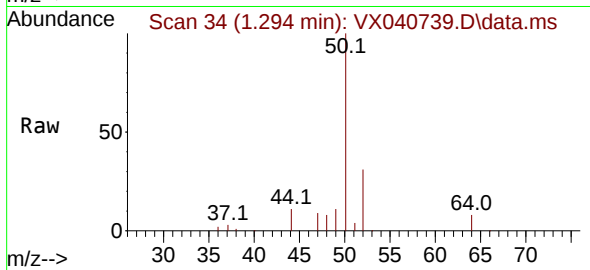
52 31.3 25.5 38.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/25/2024



#4

Vinyl Chloride

Concen: 53.835 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040739.D

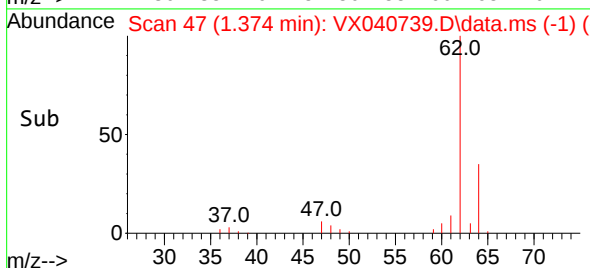
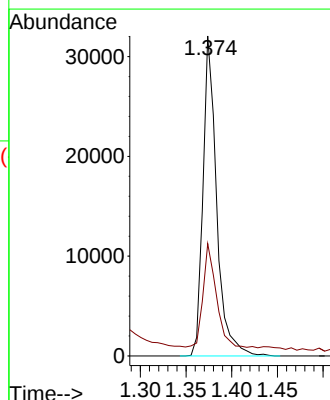
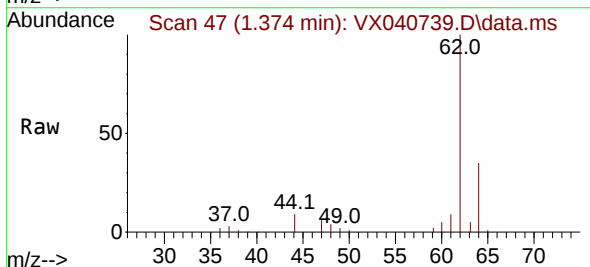
Acq: 21 Mar 2024 11:28

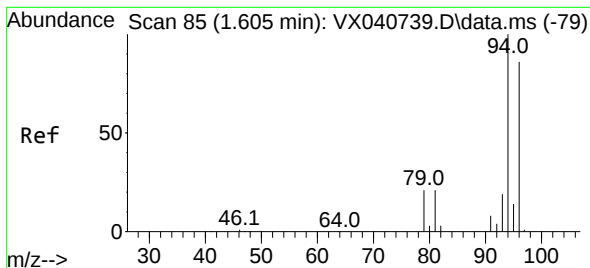
Tgt Ion: 62 Resp: 33454

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 60.966 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 25539

Ion Ratio Lower Upper

94 100

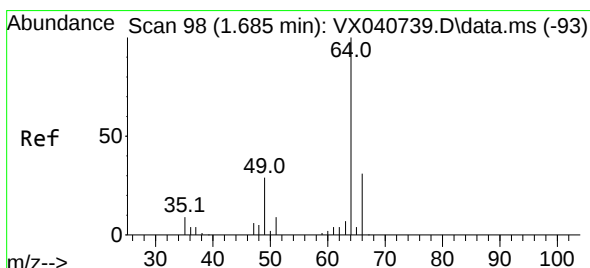
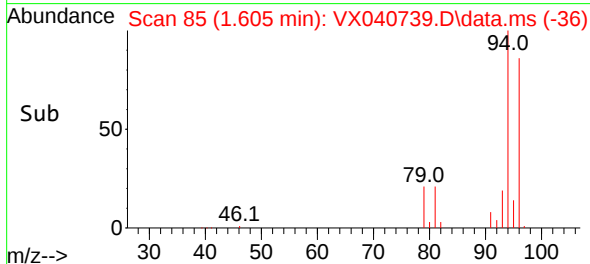
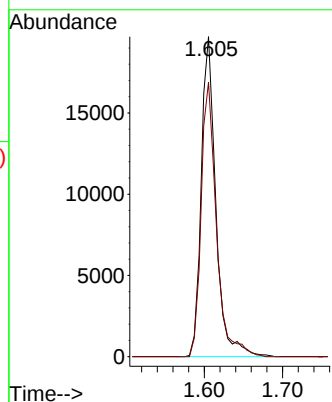
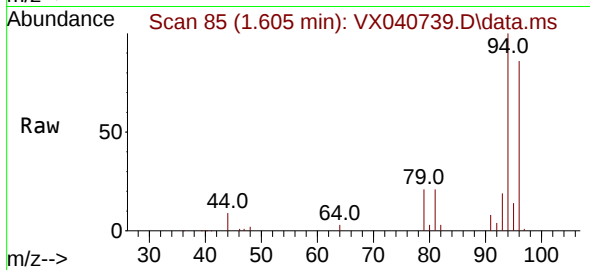
96 85.8 74.6 111.8

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#6

Chloroethane

Concen: 52.387 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX040739.D

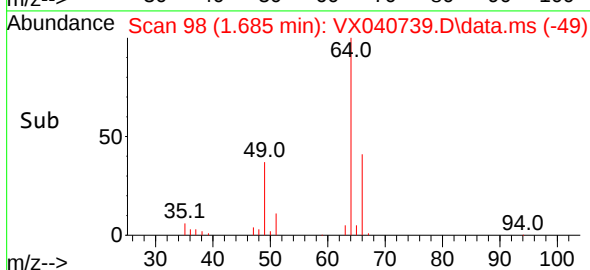
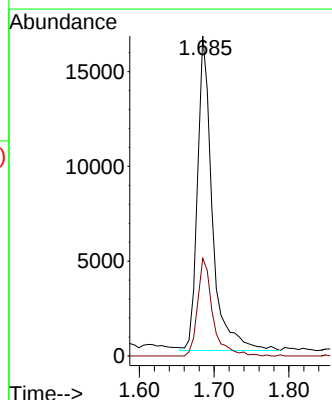
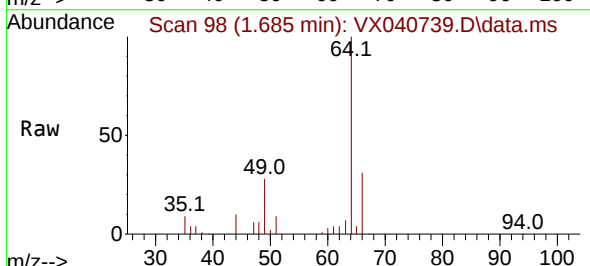
Acq: 21 Mar 2024 11:28

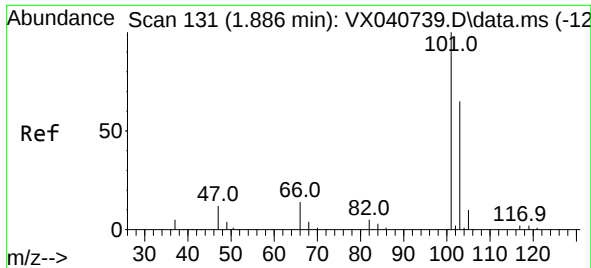
Tgt Ion: 64 Resp: 22882

Ion Ratio Lower Upper

64 100

66 31.0 25.1 37.7





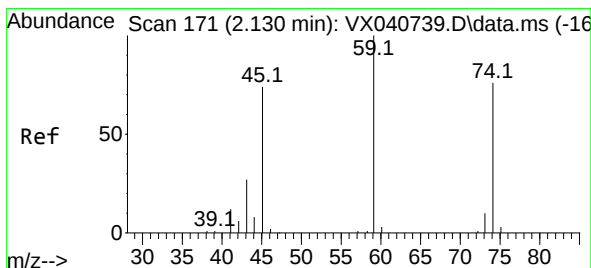
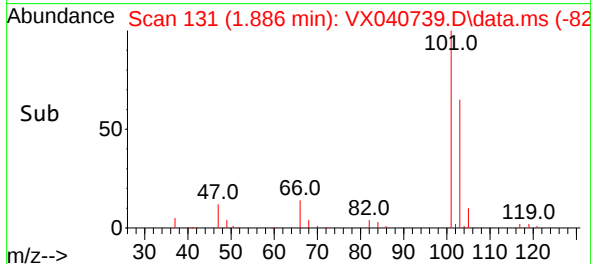
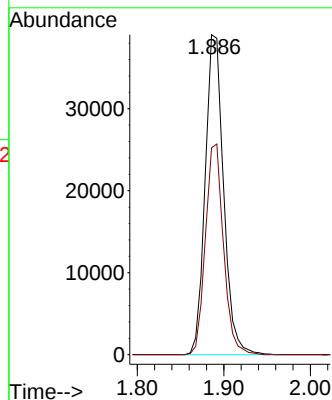
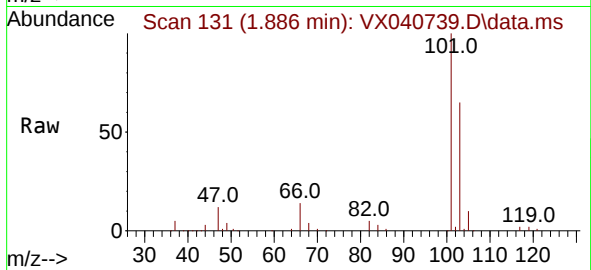
#7
Trichlorofluoromethane
Concen: 53.076 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 57710
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

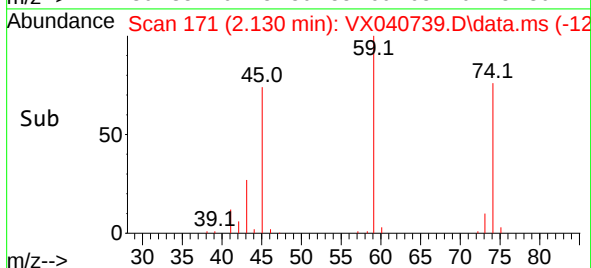
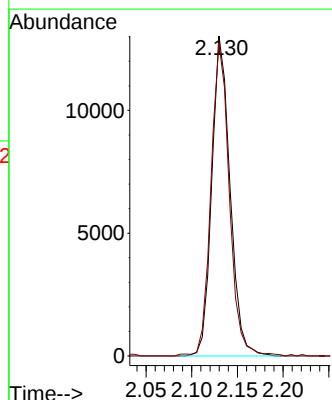
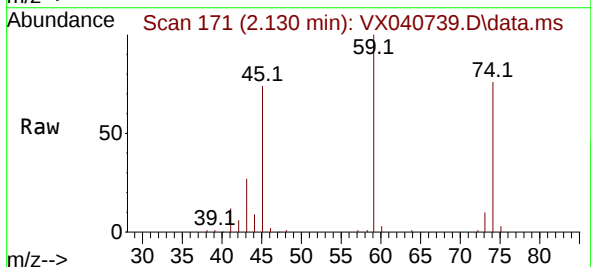
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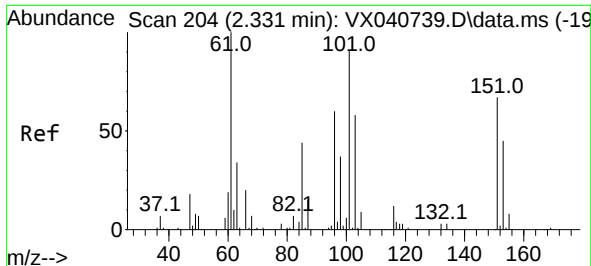
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#8
Diethyl Ether
Concen: 51.657 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 74 Resp: 18054
Ion Ratio Lower Upper
74 100
45 98.6 53.3 159.8





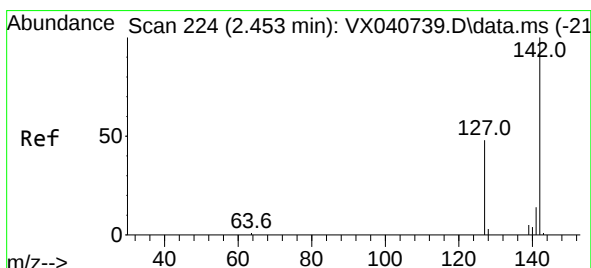
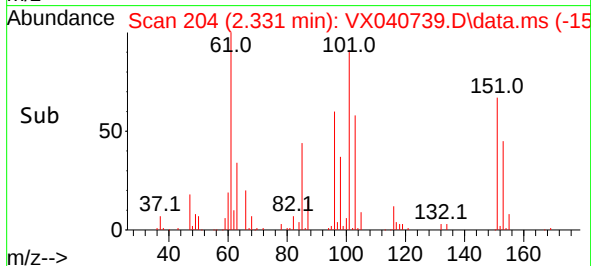
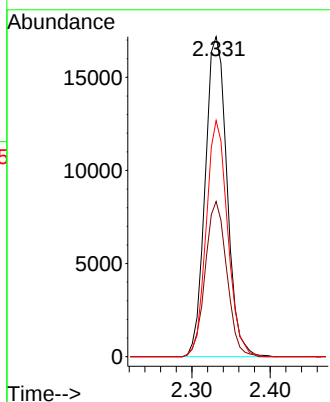
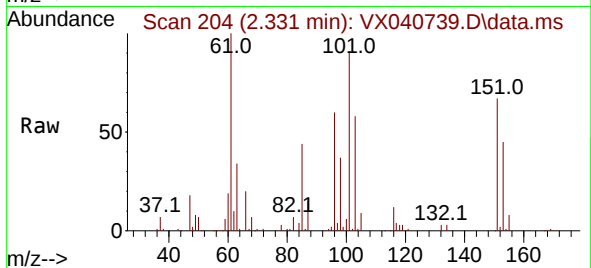
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.959 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 3311
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 72.8 58.6 87.8

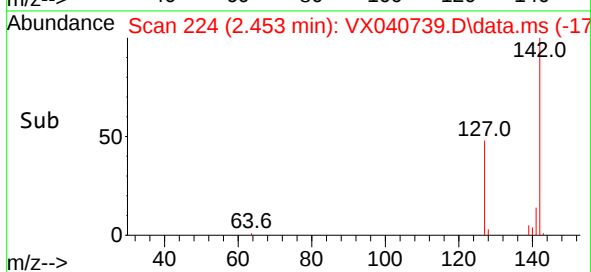
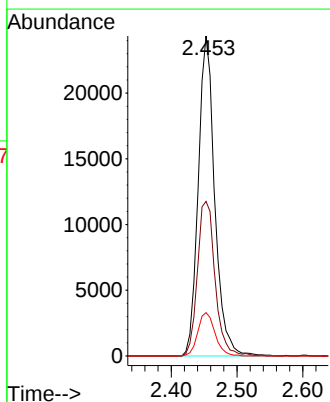
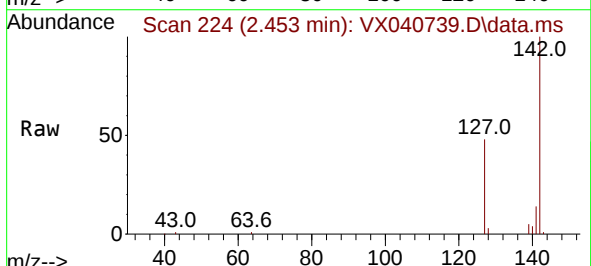
Manual Integrations
APPROVED

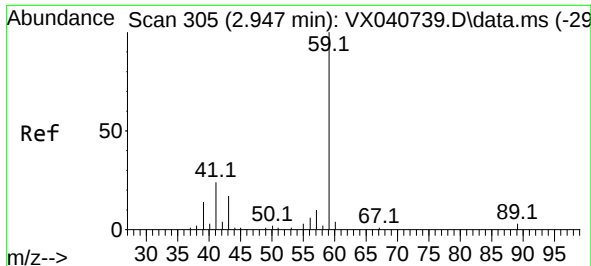
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#10
Methyl Iodide
Concen: 51.175 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion:142 Resp: 42365
Ion Ratio Lower Upper
142 100
127 51.6 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 253.042 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 3378

Ion Ratio Lower Upper

59 100

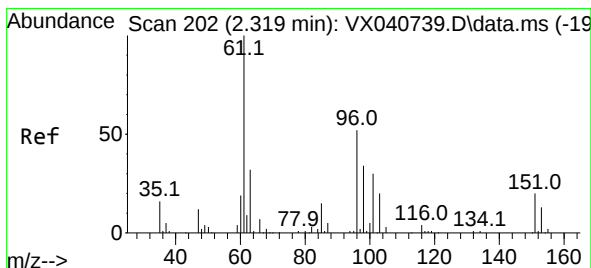
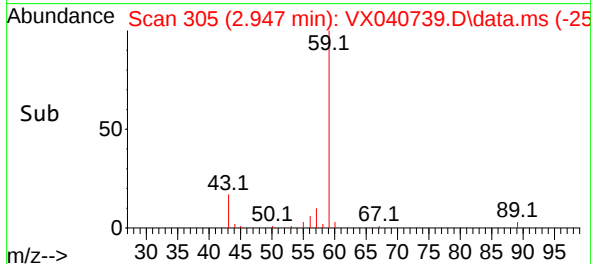
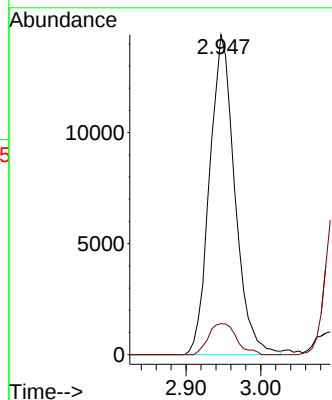
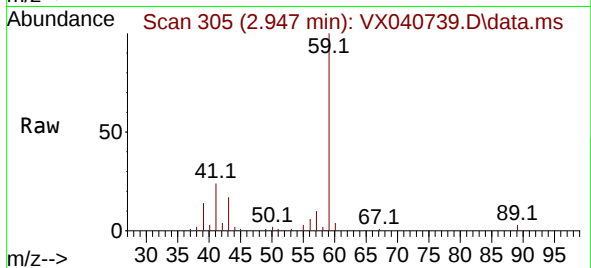
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#12

1,1-Dichloroethene

Concen: 51.555 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

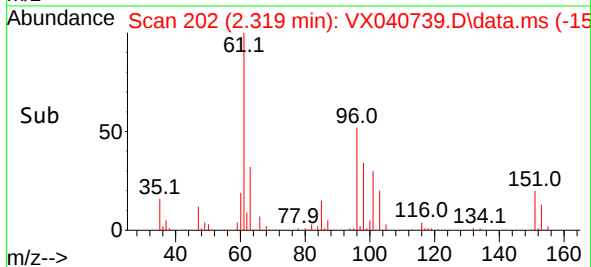
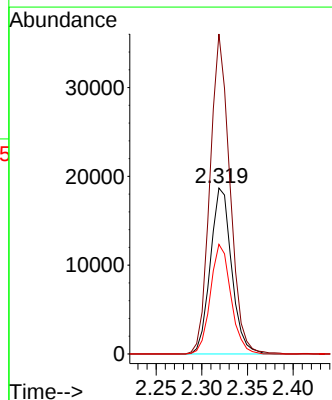
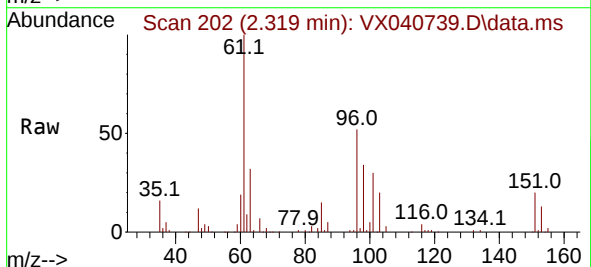
Tgt Ion: 96 Resp: 30193

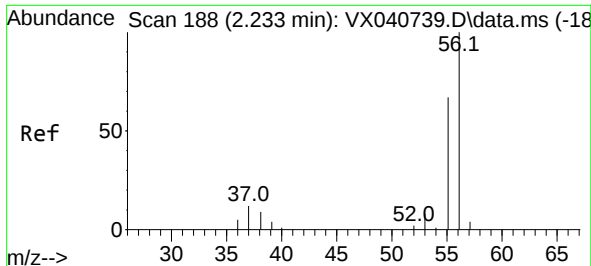
Ion Ratio Lower Upper

96 100

61 192.9 144.6 216.8

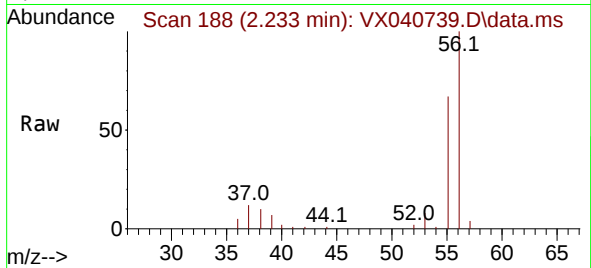
98 66.1 50.4 75.6





#13
Acrolein
Concen: 242.906 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

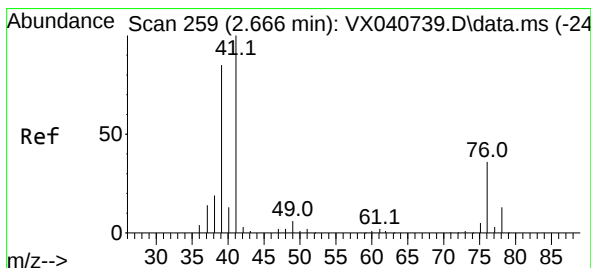
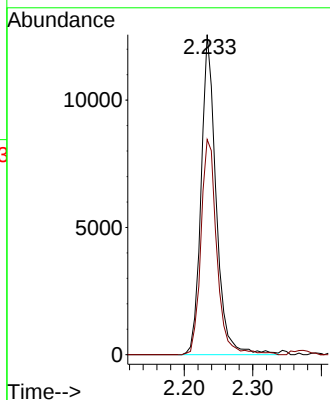
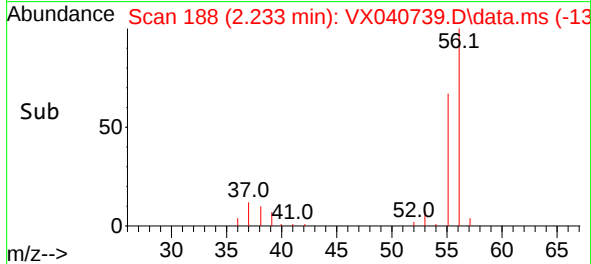
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 1919
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

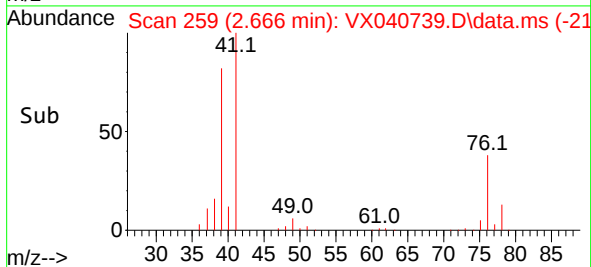
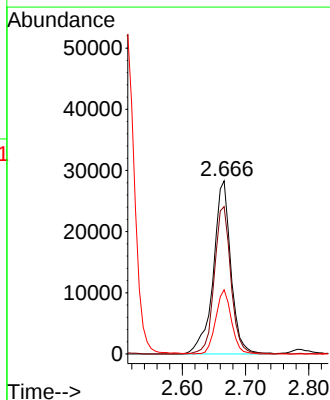
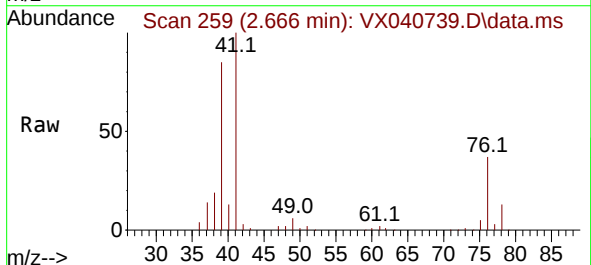
Manual Integrations
APPROVED

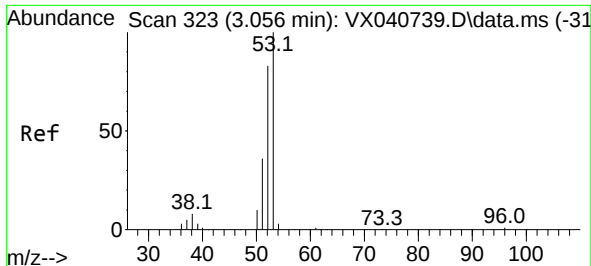
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#14
Allyl chloride
Concen: 51.823 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

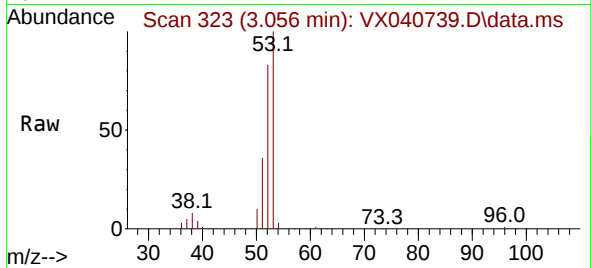
Tgt Ion: 41 Resp: 54394
Ion Ratio Lower Upper
41 100
39 80.2 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 264.178 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

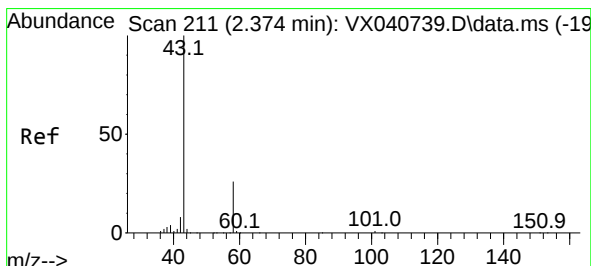
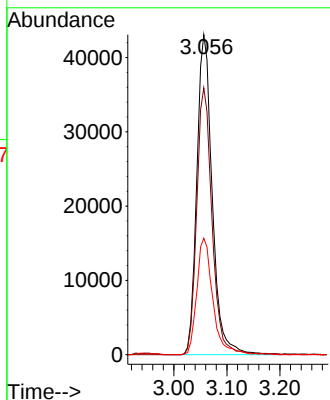
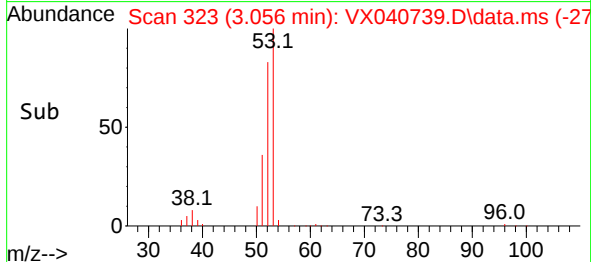
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 87060
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 37.8 29.8 44.6

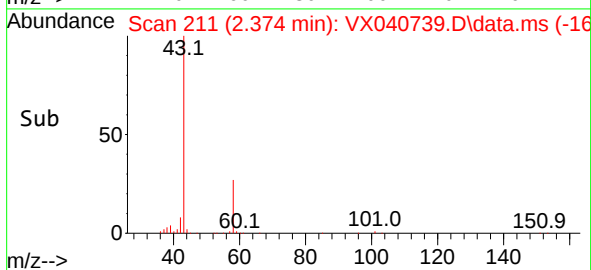
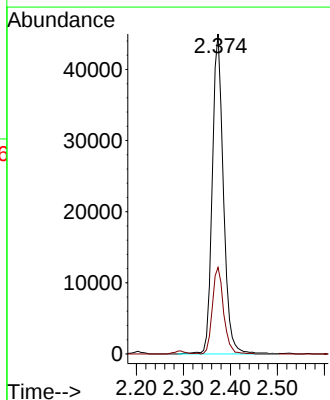
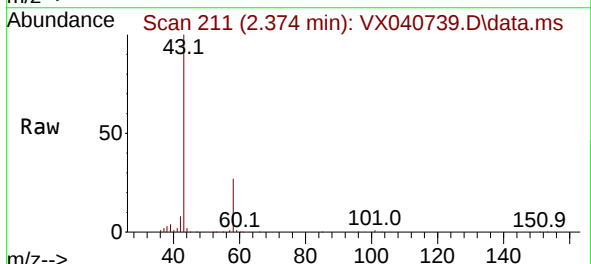
Manual Integrations
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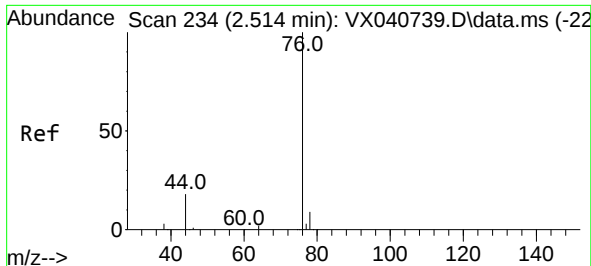
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#16
Acetone
Concen: 250.051 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 43 Resp: 73840
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9





#17

Carbon Disulfide

Concen: 50.795 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 85449

Ion Ratio Lower Upper

76 100

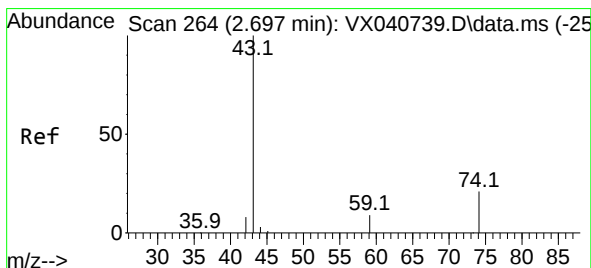
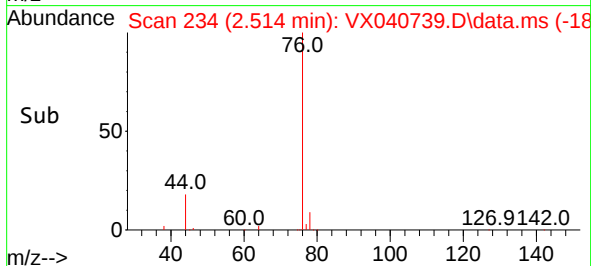
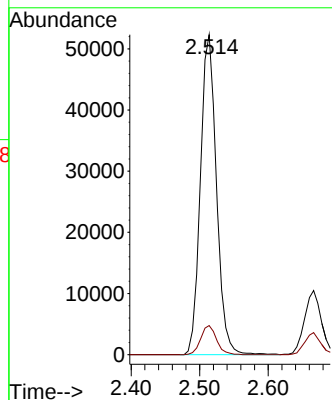
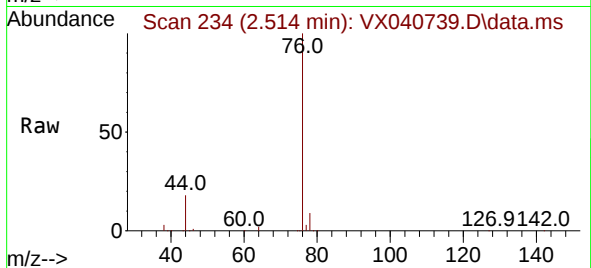
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#18

Methyl Acetate

Concen: 48.318 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX040739.D

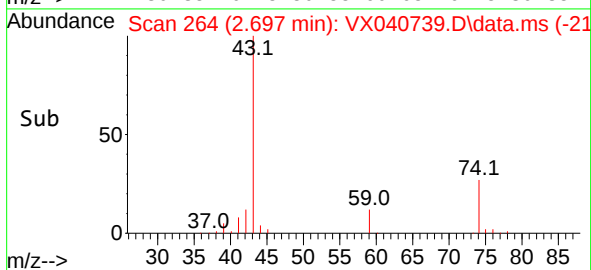
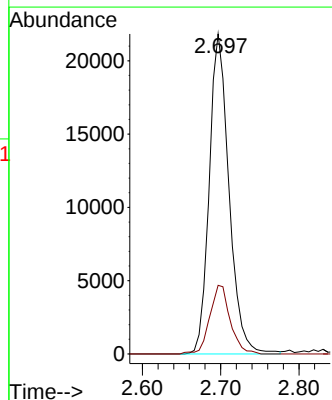
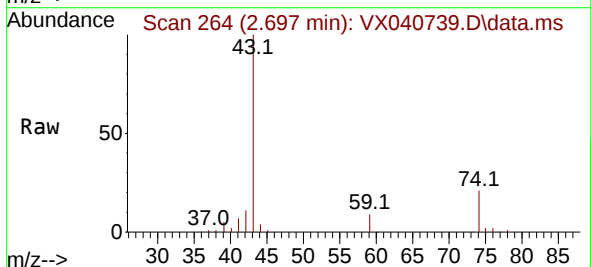
Acq: 21 Mar 2024 11:28

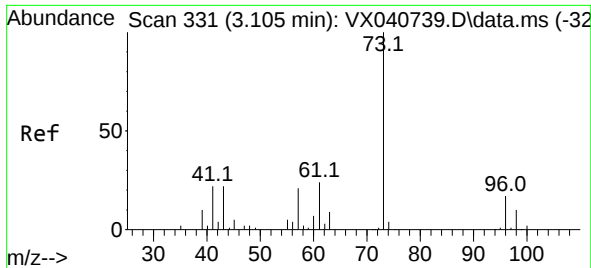
Tgt Ion: 43 Resp: 38240

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8





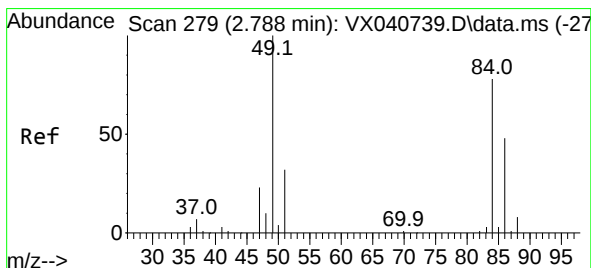
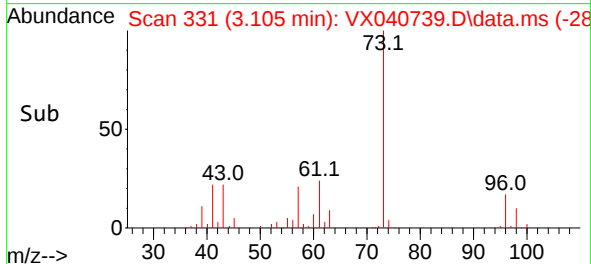
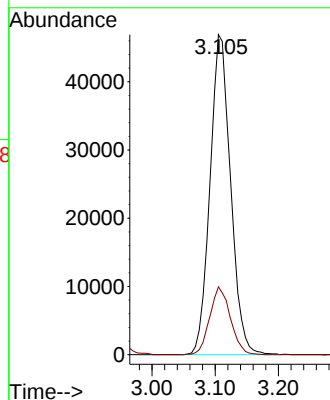
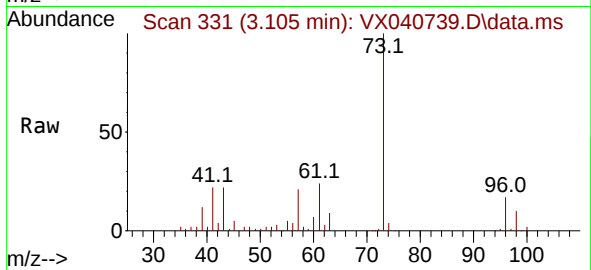
#19
Methyl tert-butyl Ether
Concen: 52.487 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 106094
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

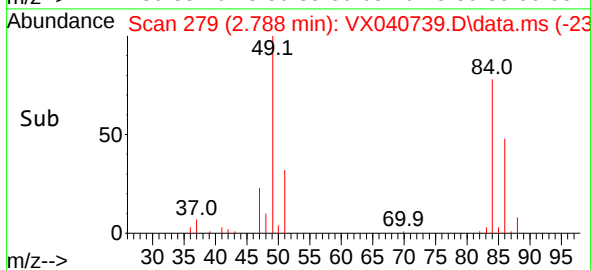
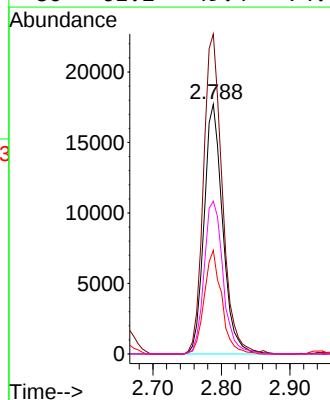
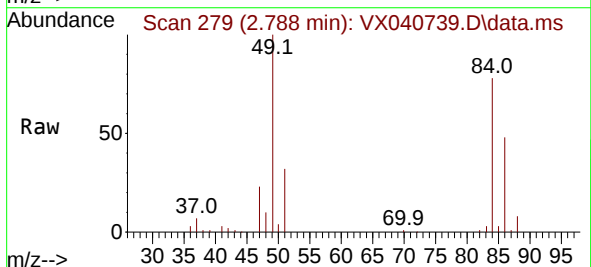
Manual Integrations
APPROVED

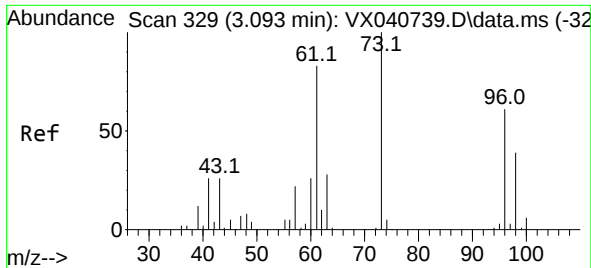
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#20
Methylene Chloride
Concen: 51.867 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 84 Resp: 33480
Ion Ratio Lower Upper
84 100
49 128.1 103.6 155.4
51 41.5 33.8 50.6
86 61.2 49.4 74.0





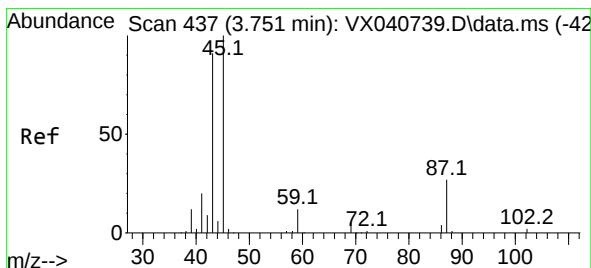
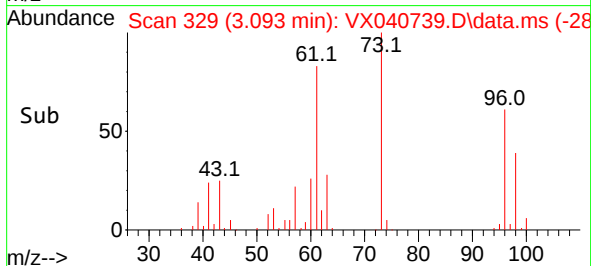
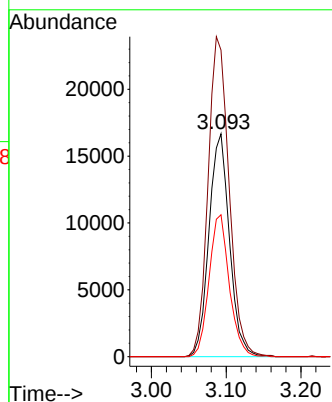
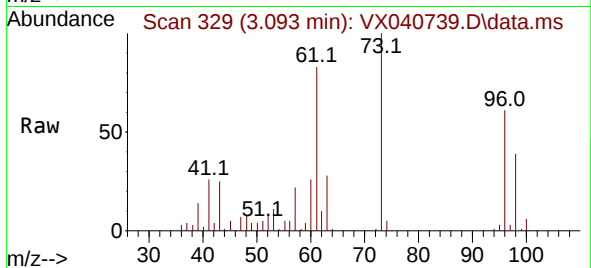
#21
trans-1,2-Dichloroethene
Concen: 51.346 ug/l
RT: 3.093 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 3174
Ion Ratio Lower Upper
96 100
61 137.5 119.2 178.8
98 63.7 48.7 73.1

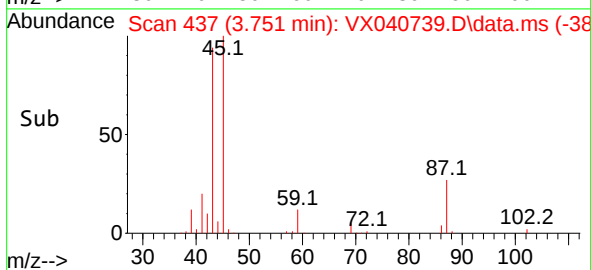
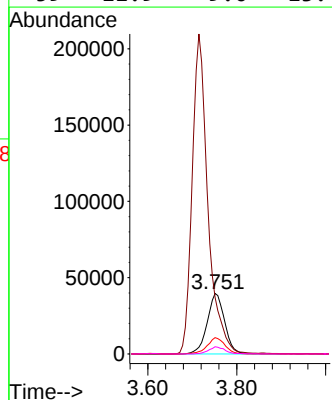
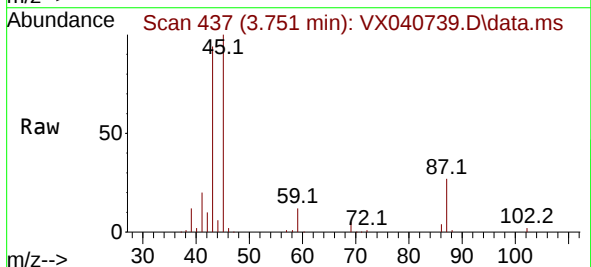
Manual Integrations
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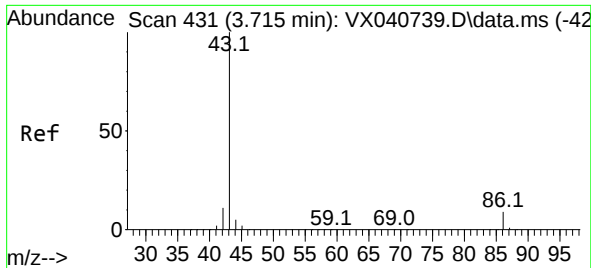
Reviewed By :John Carbone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#22
Diisopropyl ether
Concen: 52.652 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

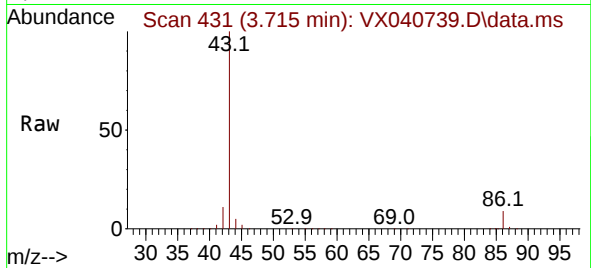
Tgt Ion: 45 Resp: 107837
Ion Ratio Lower Upper
45 100
43 93.0 69.7 104.5
87 26.9 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 265.735 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040739.D
 Acq: 21 Mar 2024 11:28

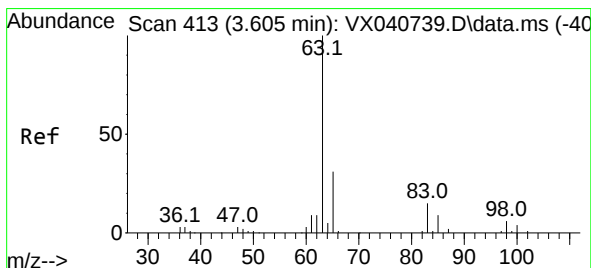
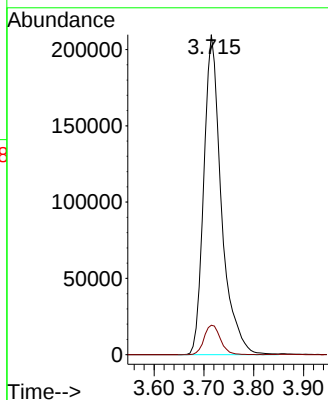
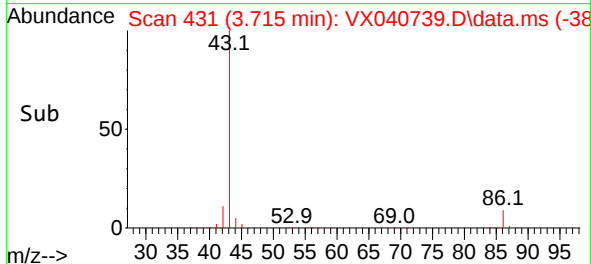
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



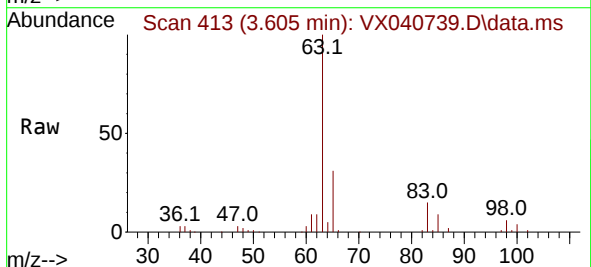
Tgt Ion: 43 Resp: 514450
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

Manual Integrations
 APPROVED

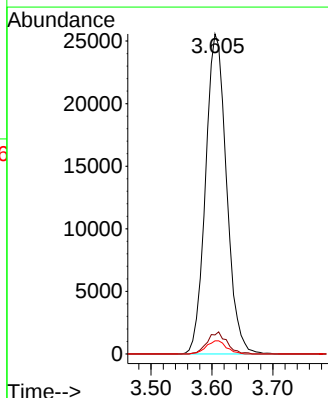
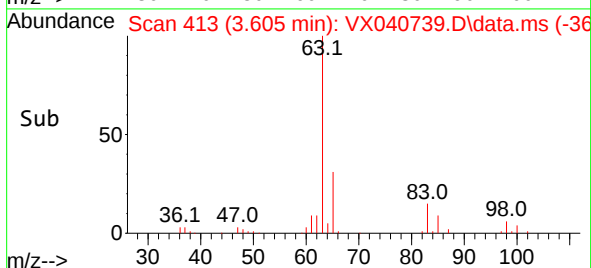
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

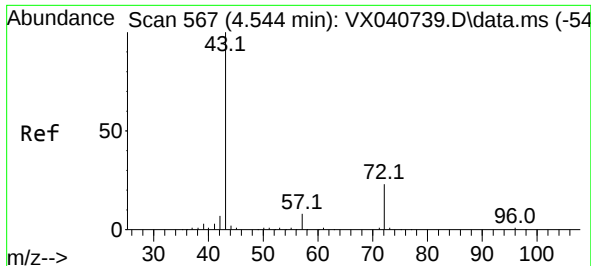


#24
 1,1-Dichloroethane
 Concen: 51.977 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040739.D
 Acq: 21 Mar 2024 11:28



Tgt Ion: 63 Resp: 61145
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.1 2.1 6.5





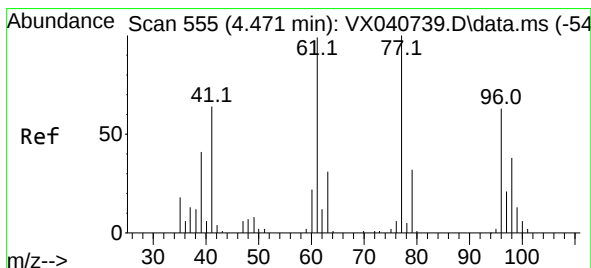
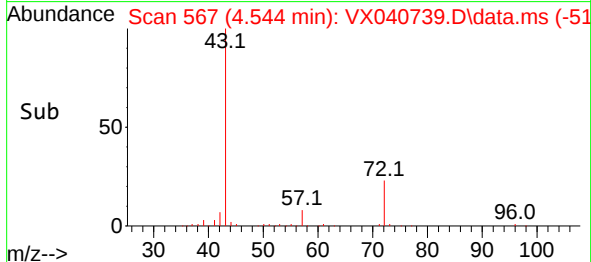
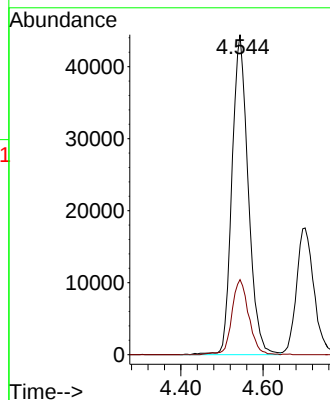
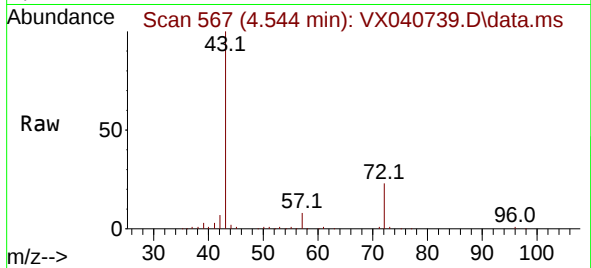
#25
2-Butanone
Concen: 263.667 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 12195
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2

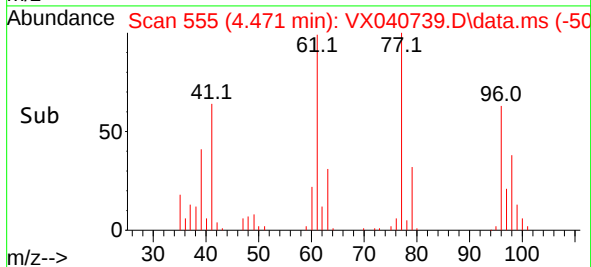
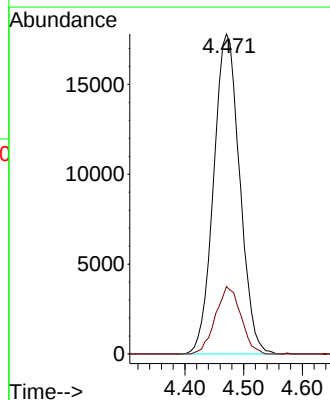
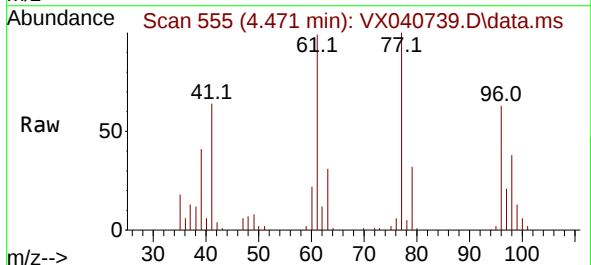
Manual Integrations
APPROVED

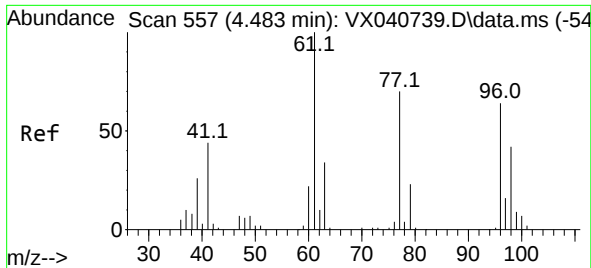
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#26
2,2-Dichloropropane
Concen: 53.455 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 77 Resp: 54866
Ion Ratio Lower Upper
77 100
97 20.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.549 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 36918

Ion Ratio Lower Upper

96 100

61 158.7 0.0 312.2

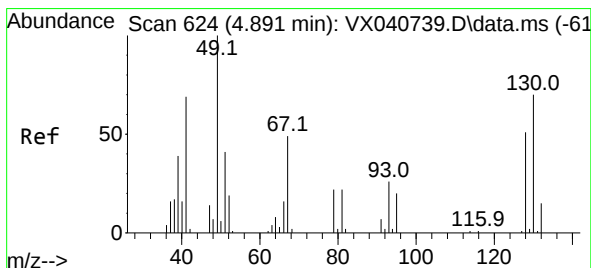
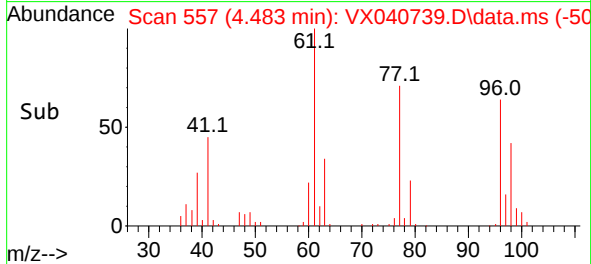
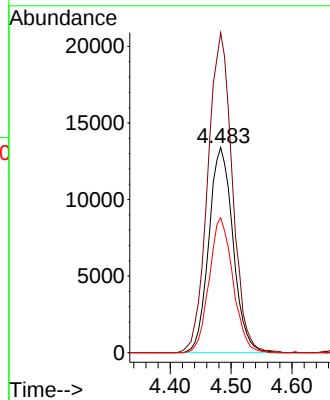
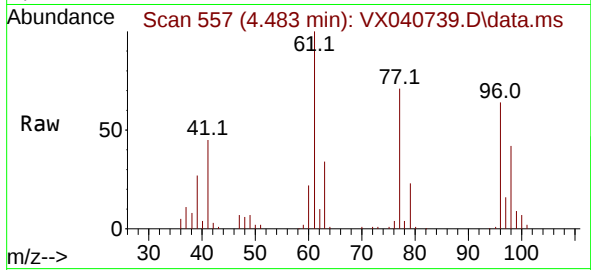
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#28

Bromochloromethane

Concen: 47.138 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

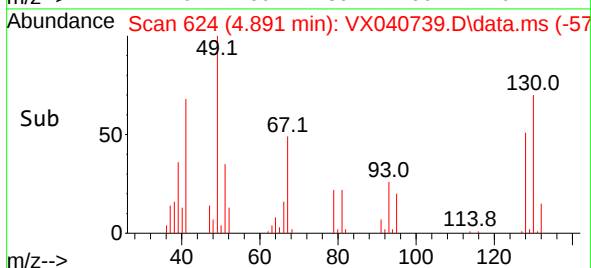
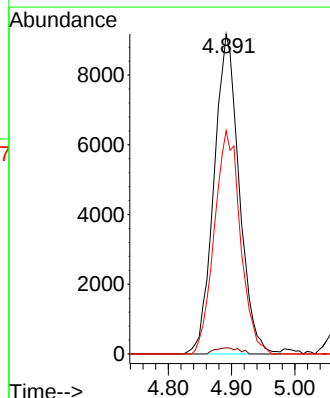
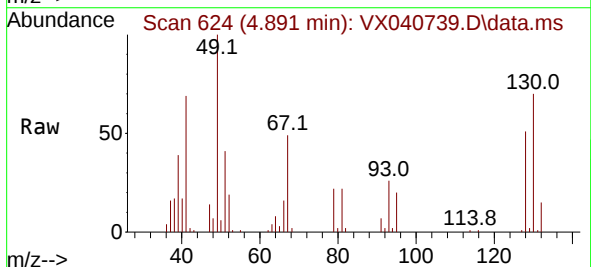
Tgt Ion: 49 Resp: 25362

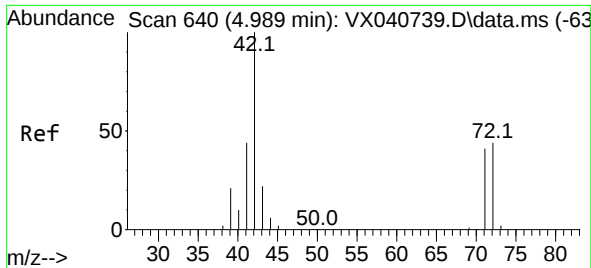
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

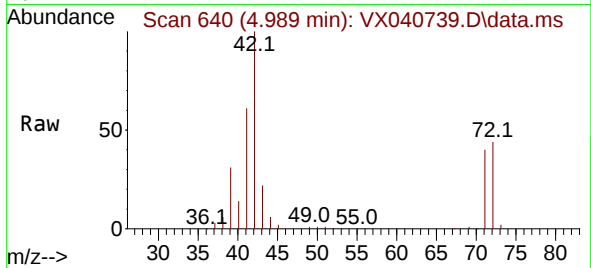
130 72.2 57.5 86.3





#29
Tetrahydrofuran
Concen: 256.283 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

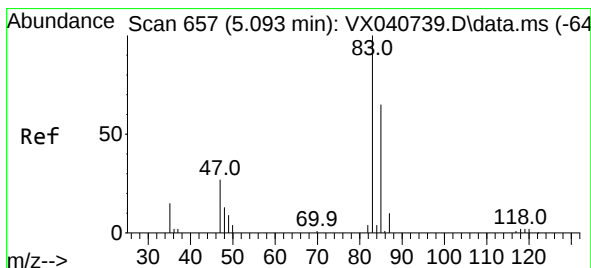
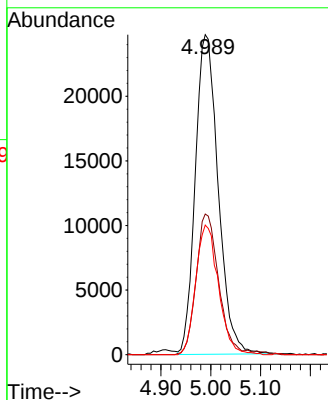
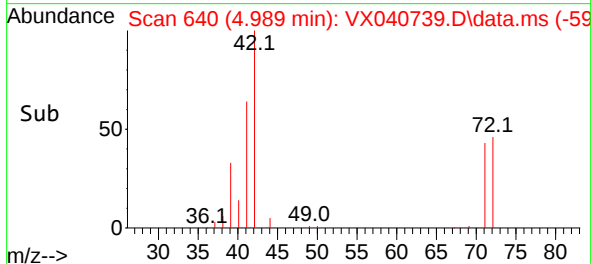
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



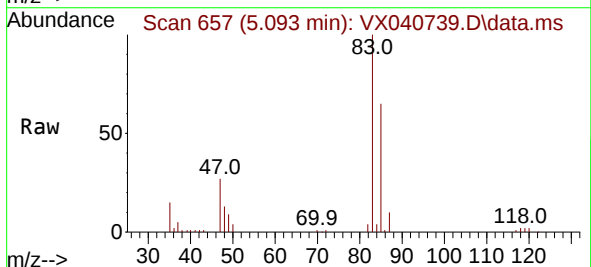
Tgt Ion: 42 Resp: 78840
Ion Ratio Lower Upper
42 100
72 43.2 34.2 51.4
71 40.2 32.2 48.2

Manual Integrations
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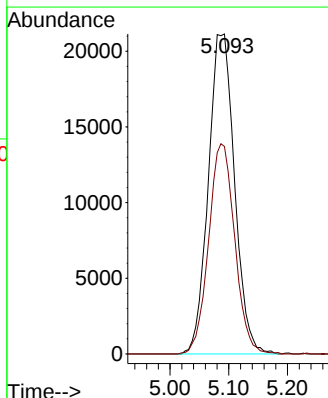
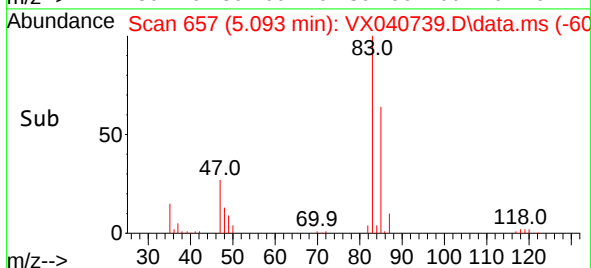
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

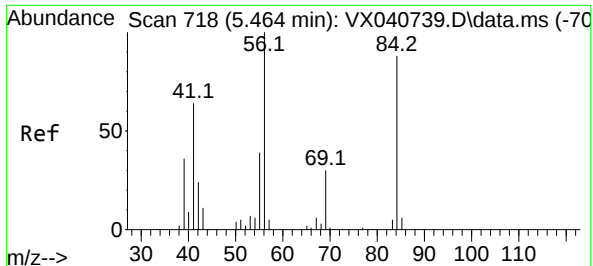


#30
Chloroform
Concen: 52.136 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28



Tgt Ion: 83 Resp: 65662
Ion Ratio Lower Upper
83 100
85 64.9 50.3 75.5





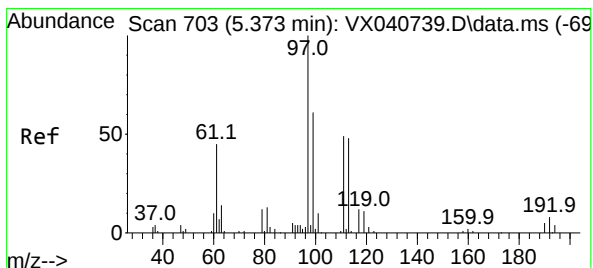
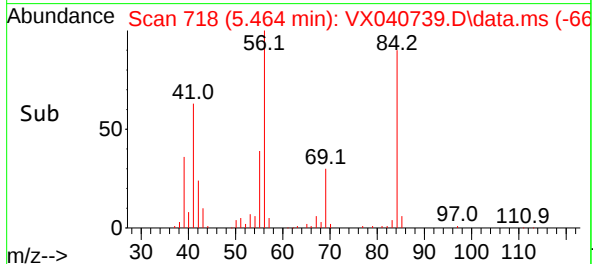
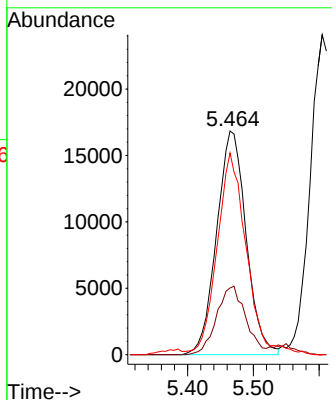
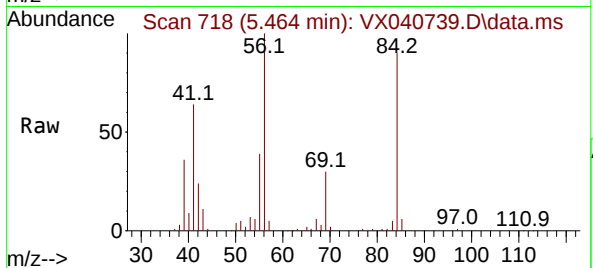
#31
Cyclohexane
Concen: 53.001 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 5250
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 87.6 65.9 98.9

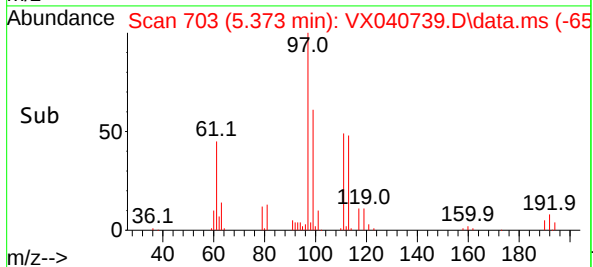
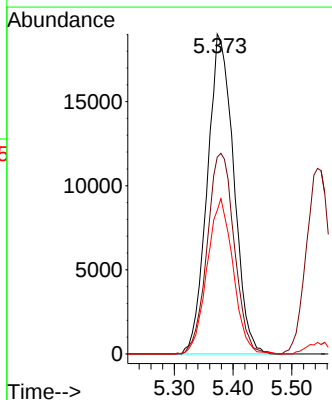
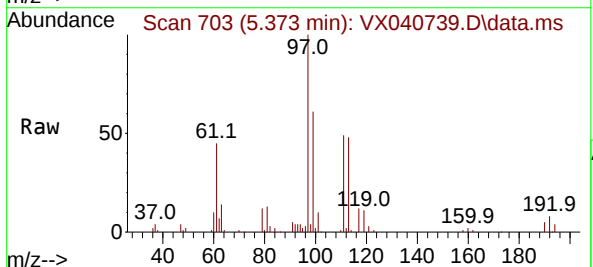
Manual Integrations
APPROVED

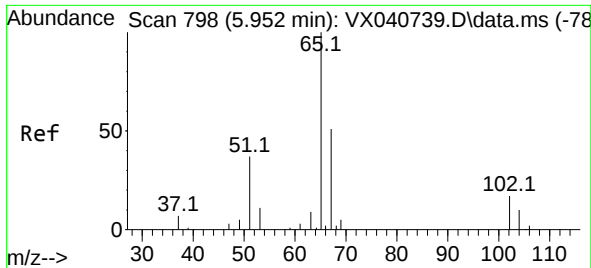
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#32
1,1,1-Trichloroethane
Concen: 54.820 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 97 Resp: 59344
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 47.7 36.4 54.6





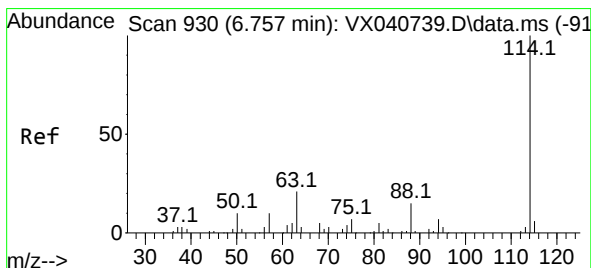
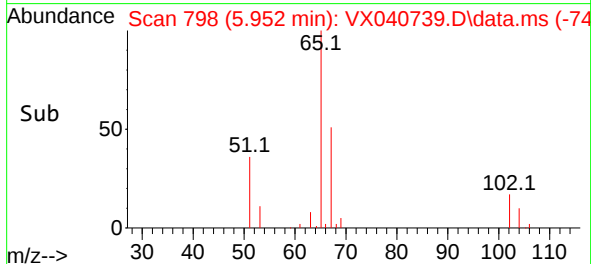
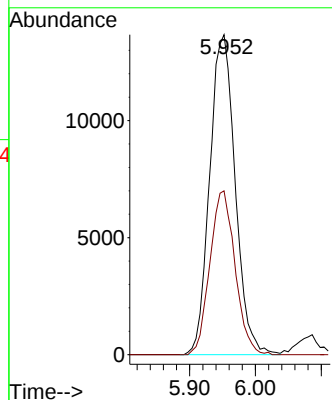
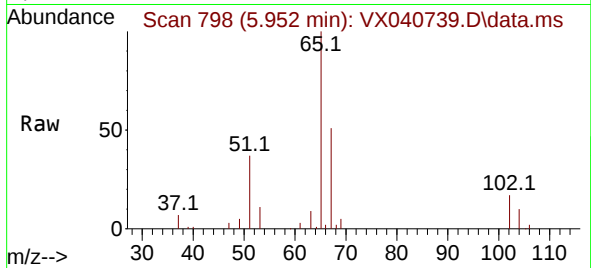
#33
 1,2-Dichloroethane-d4
 Concen: 44.315 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040739.D
 Acq: 21 Mar 2024 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 65 Resp: 3694
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2

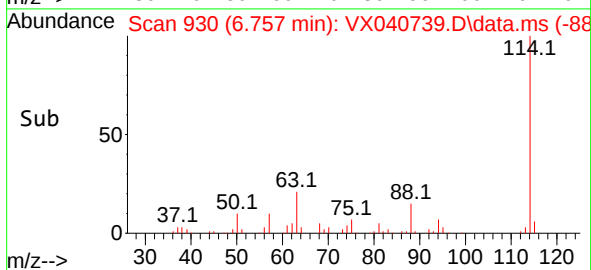
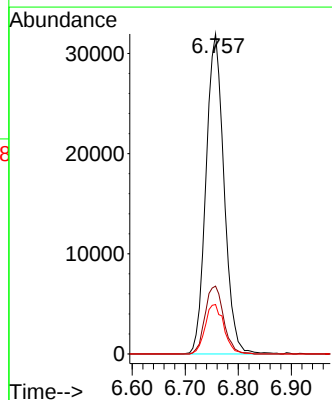
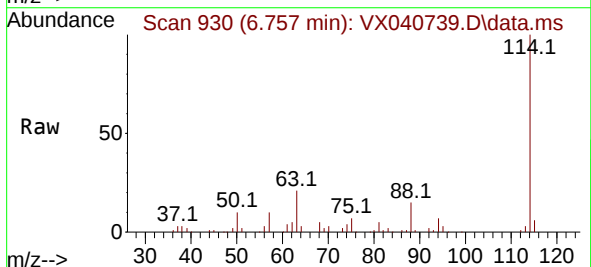
Manual Integrations
 APPROVED

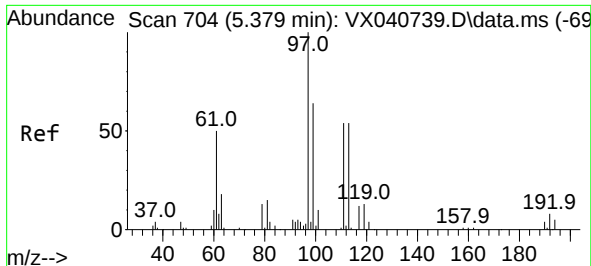
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX040739.D
 Acq: 21 Mar 2024 11:28

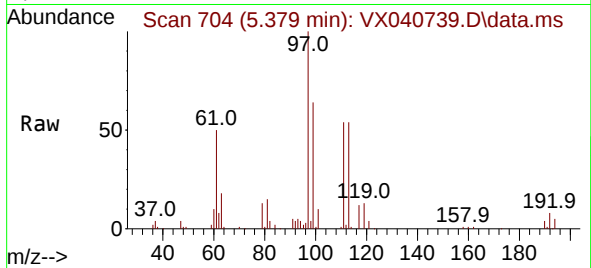
Tgt Ion:114 Resp: 75377
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.400 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

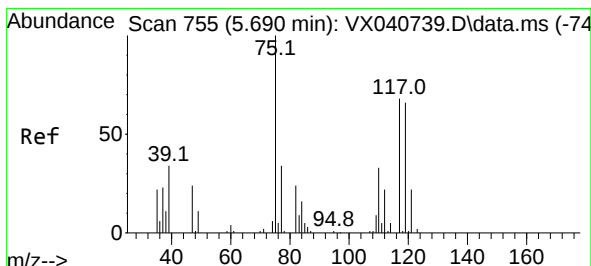
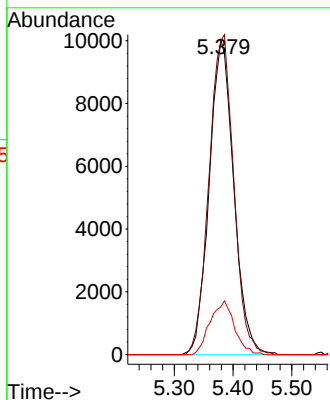
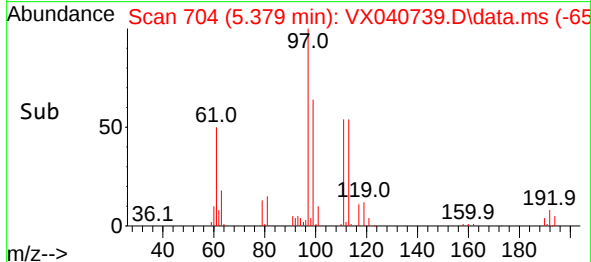
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 28990
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.1 13.3 19.9

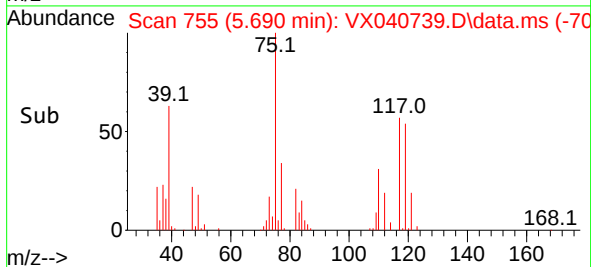
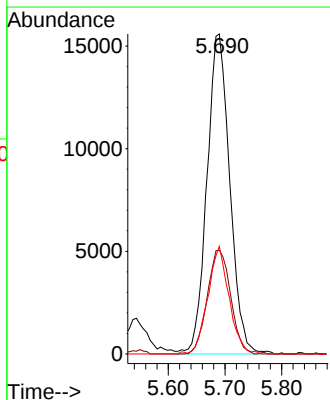
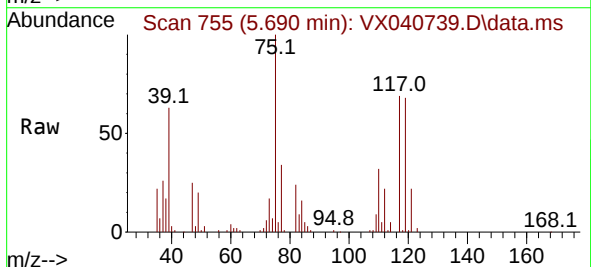
Manual Integrations
APPROVED

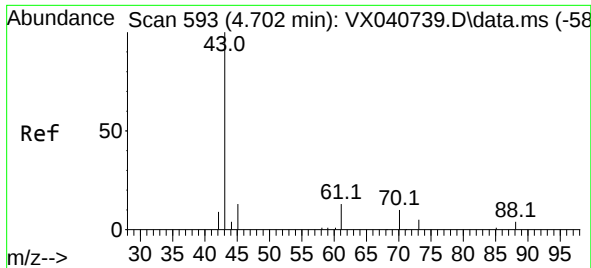
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#36
1,1-Dichloropropene
Concen: 52.527 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

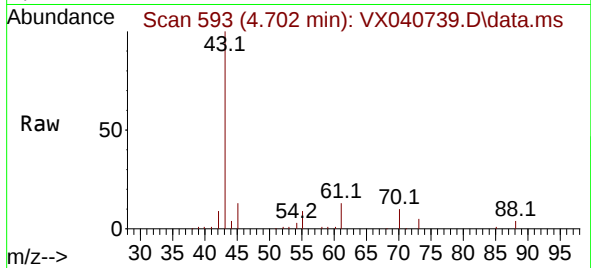
Tgt Ion: 75 Resp: 43621
Ion Ratio Lower Upper
75 100
110 33.1 17.0 50.9
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 54.659 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

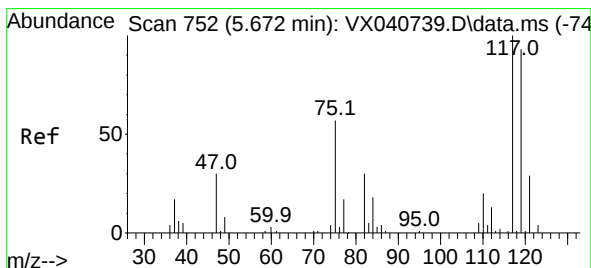
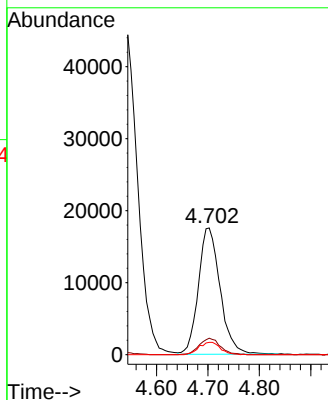
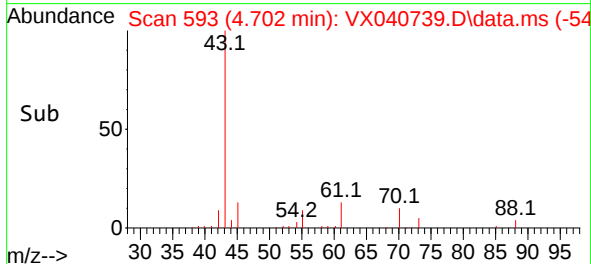
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 51544
Ion Ratio Lower Upper
43 100
61 12.6 10.6 16.0
70 9.6 8.3 12.5

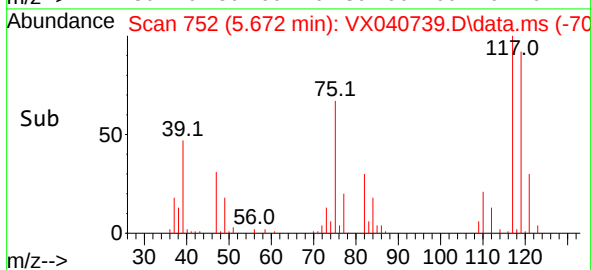
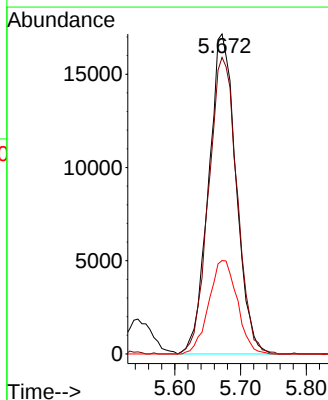
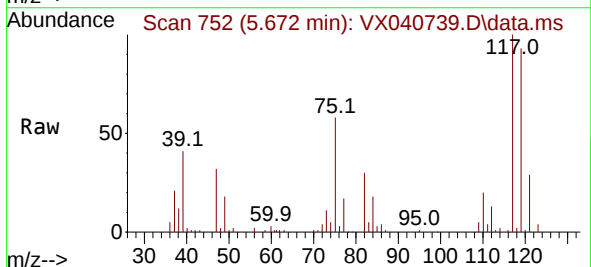
Manual Integrations
APPROVED

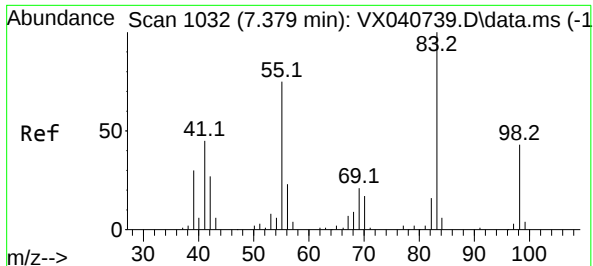
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#38
Carbon Tetrachloride
Concen: 53.126 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion:117 Resp: 49658
Ion Ratio Lower Upper
117 100
119 92.6 78.2 117.2
121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 56.035 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

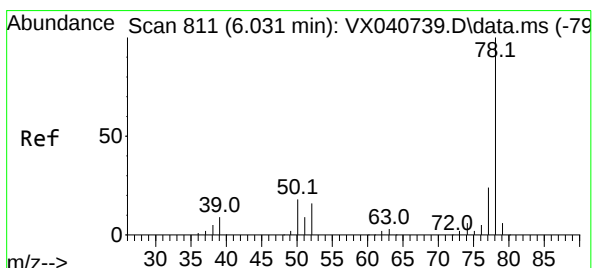
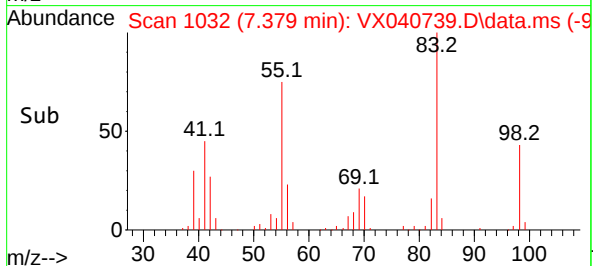
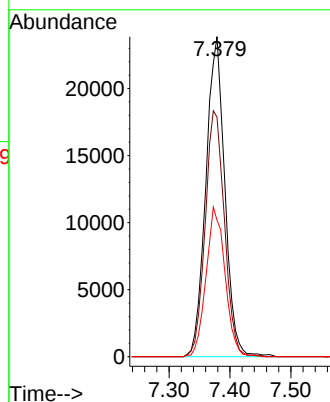
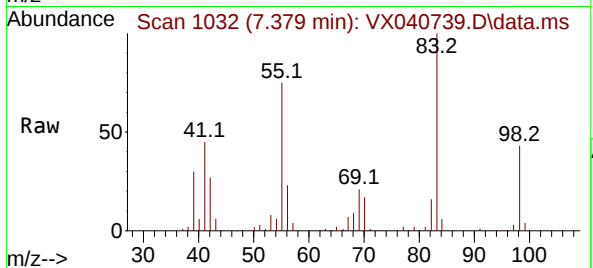
Tgt Ion: 83	Resp: 51554
Ion Ratio	Lower Upper
83	100
55	74.9 64.6 97.0
98	42.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#40

Benzene

Concen: 50.645 ug/l

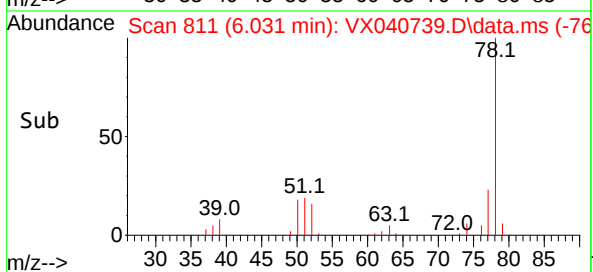
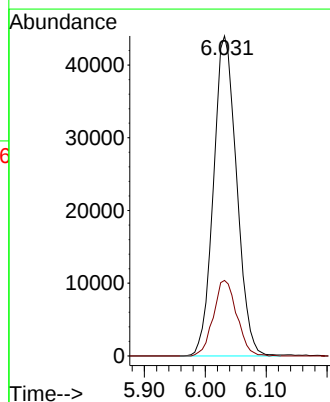
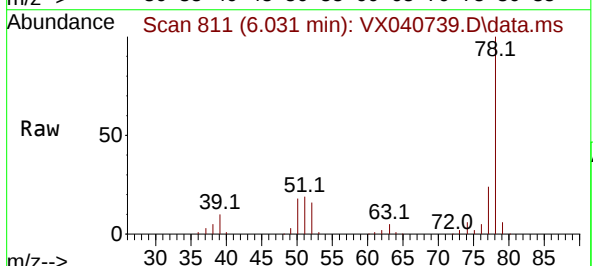
RT: 6.031 min Scan# 811

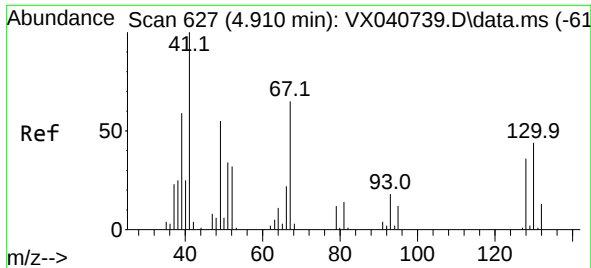
Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

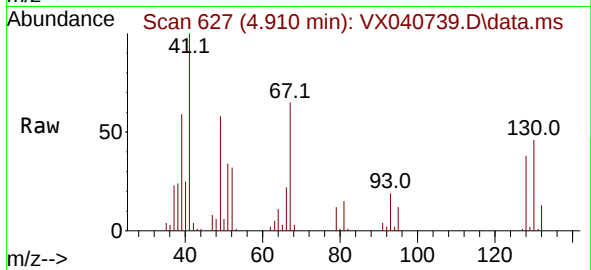
Tgt Ion: 78	Resp: 116136
Ion Ratio	Lower Upper
78	100
77	23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 57.343 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

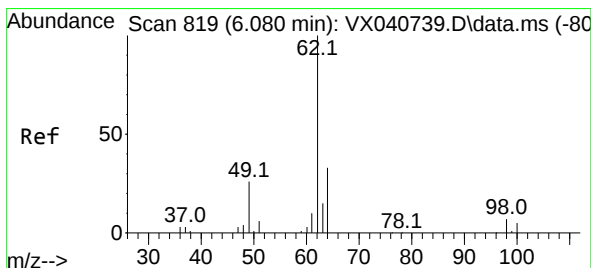
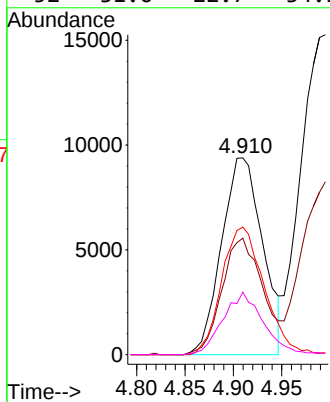
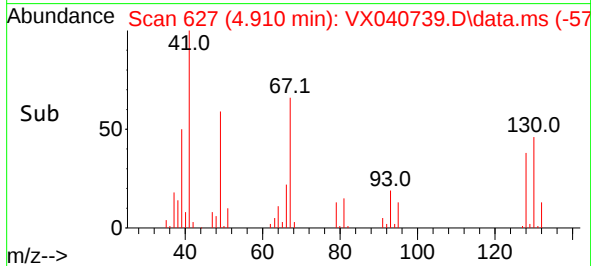
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 2772
Ion Ratio Lower Upper
41 100
39 60.4 45.2 67.8
67 67.3 52.6 78.8
52 31.6 22.7 34.1

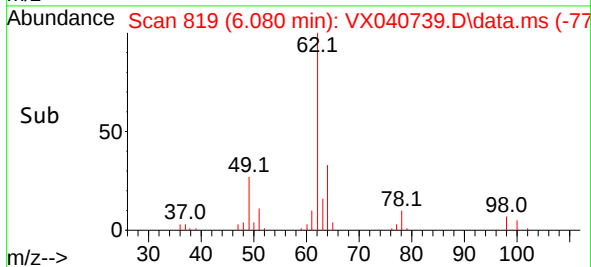
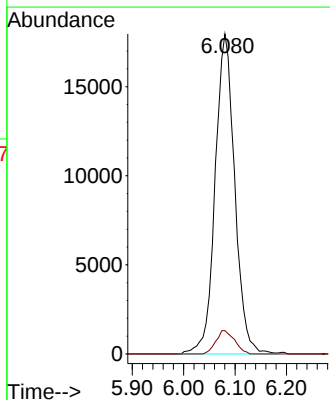
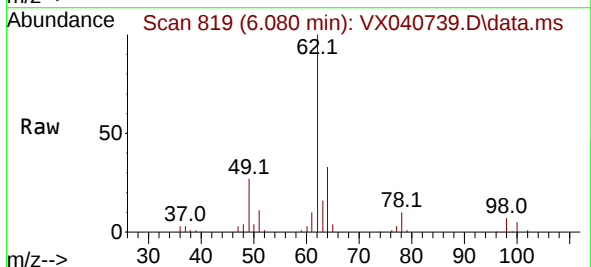
Manual Integrations
APPROVED

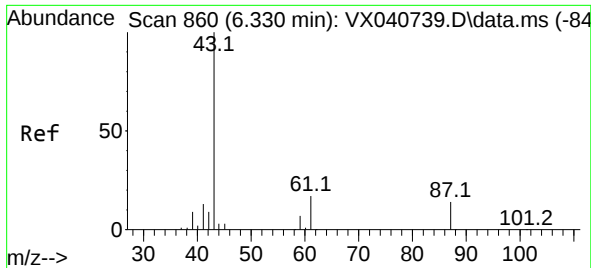
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#42
1,2-Dichloroethane
Concen: 51.285 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 62 Resp: 47589
Ion Ratio Lower Upper
62 100
98 6.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 54.177 ug/l

RT: 6.330 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

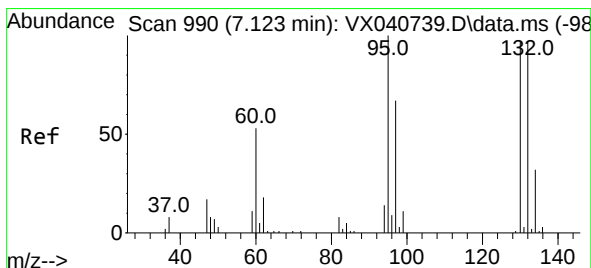
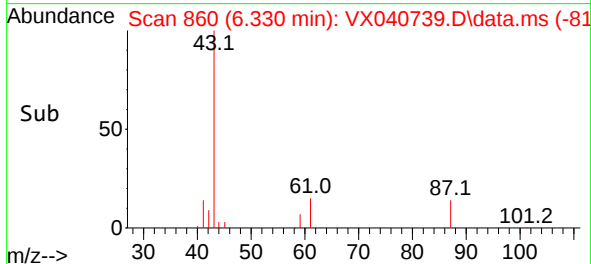
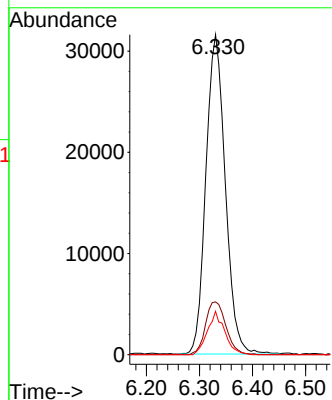
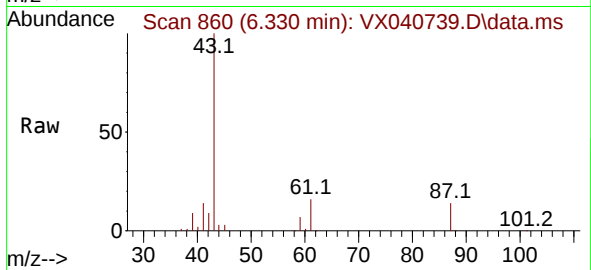
Tgt Ion: 43	Resp: 80220
Ion Ratio	Lower Upper
43 100	
61 17.4	15.2 22.8
87 12.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#44

Trichloroethene

Concen: 54.299 ug/l

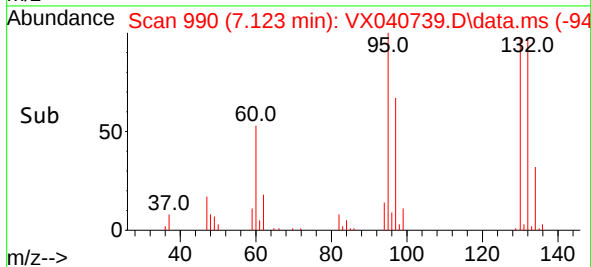
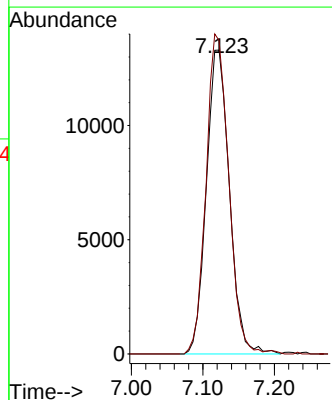
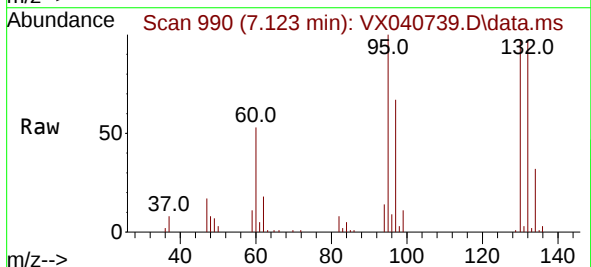
RT: 7.123 min Scan# 990

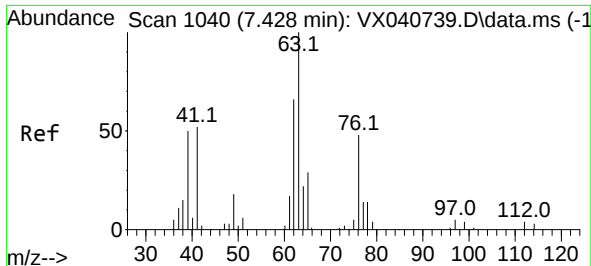
Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Tgt Ion:130	Resp: 29845
Ion Ratio	Lower Upper
130 100	
95 103.2	0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.331 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 2976

Ion Ratio Lower Upper

63 100

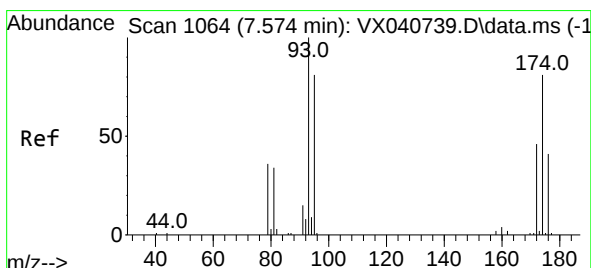
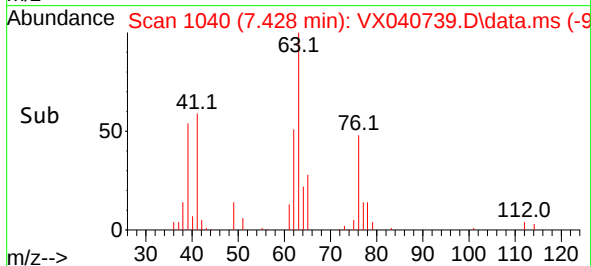
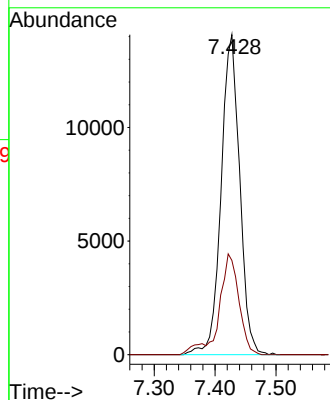
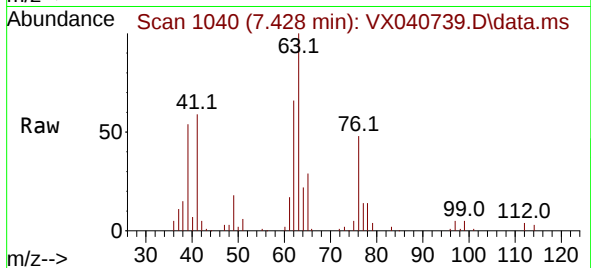
65 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#46

Dibromomethane

Concen: 56.180 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

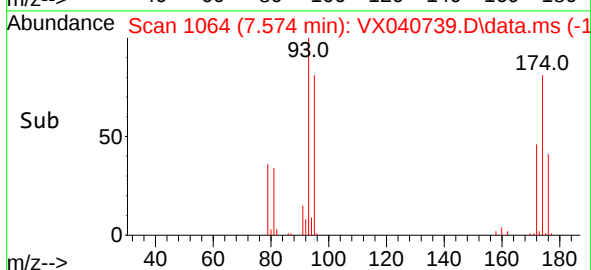
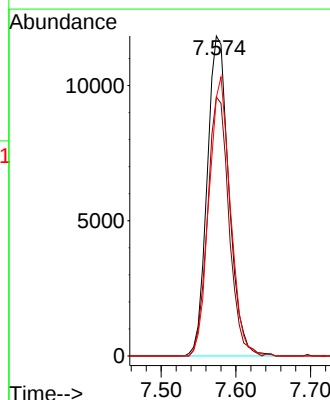
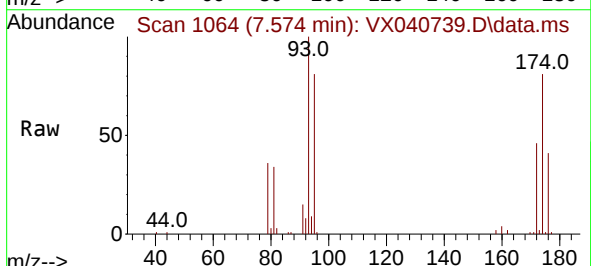
Tgt Ion: 93 Resp: 23939

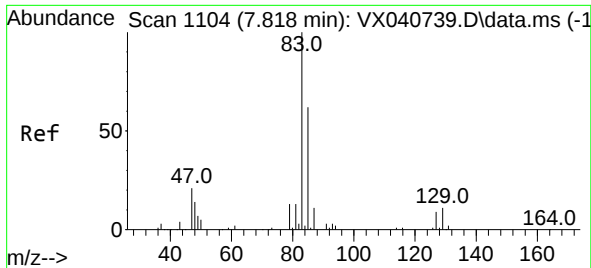
Ion Ratio Lower Upper

93 100

95 79.6 66.6 100.0

174 85.5 69.4 104.0





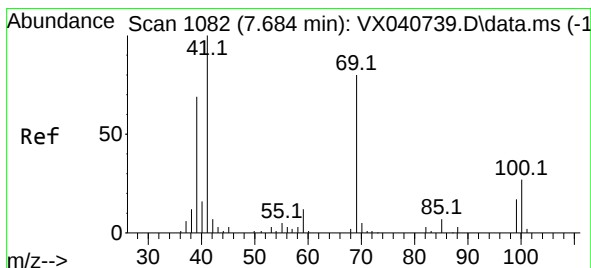
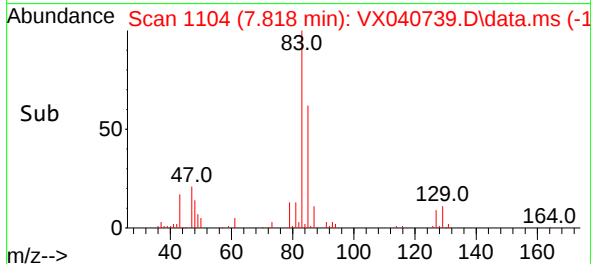
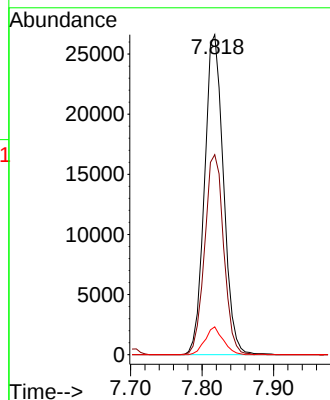
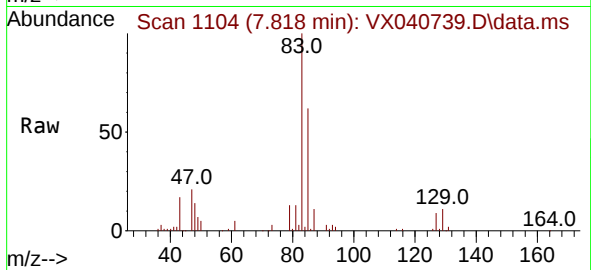
#47
Bromodichloromethane
Concen: 56.091 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 4883
Ion Ratio Lower Upper
83 100
85 62.5 49.8 74.6
127 8.7 7.1 10.7

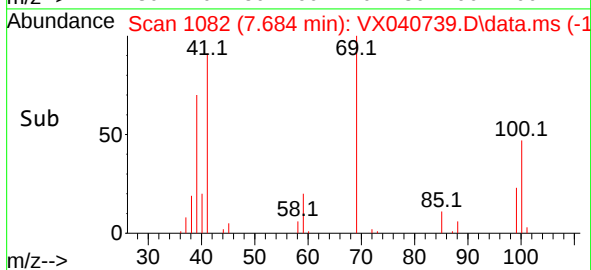
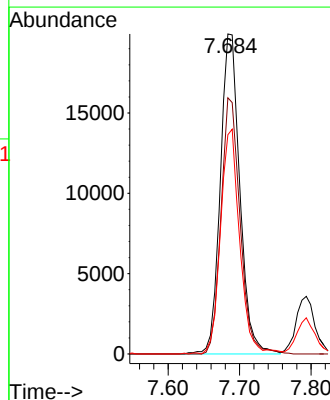
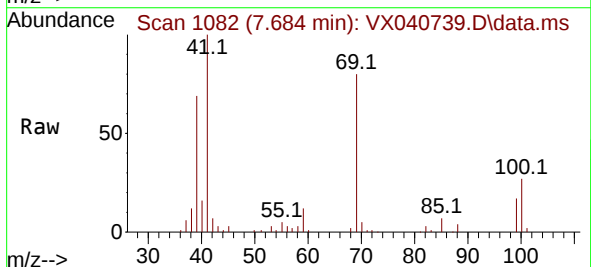
Manual Integrations
APPROVED

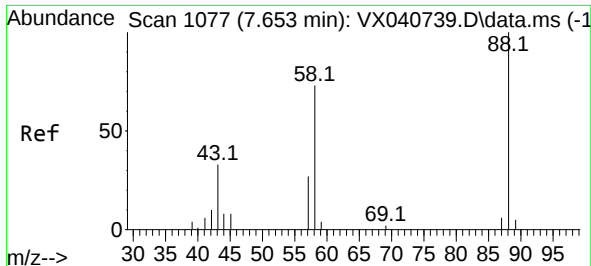
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#48
Methyl methacrylate
Concen: 55.782 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

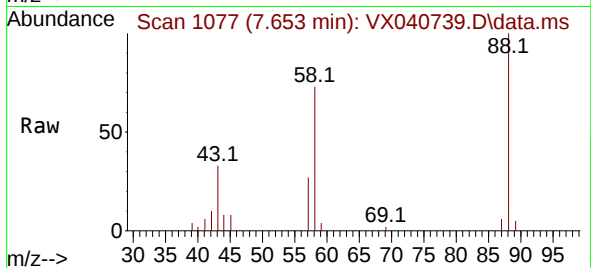
Tgt Ion: 41 Resp: 37754
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 69.1 47.7 71.5





#49
1,4-Dioxane
Concen: 1052.483 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

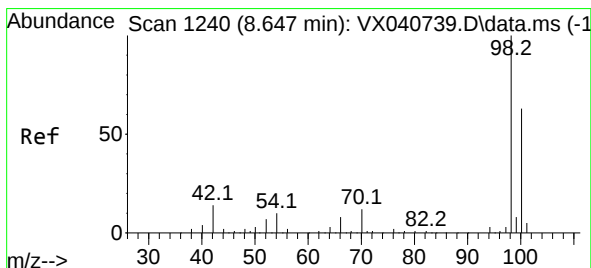
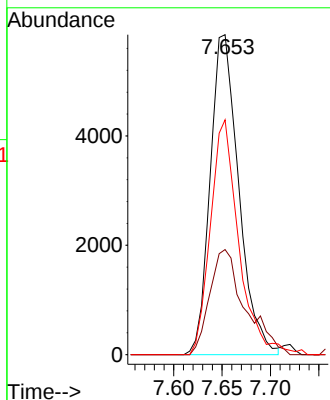
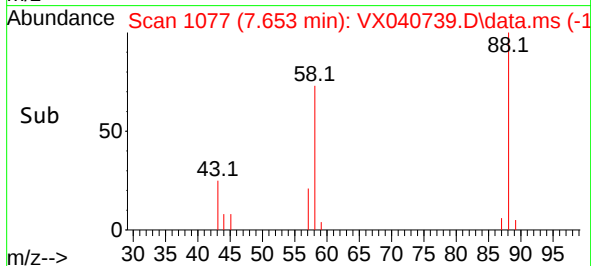
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 1202
Ion Ratio Lower Upper
88 100
43 40.7 0.0 0.0
58 72.9 60.1 90.1

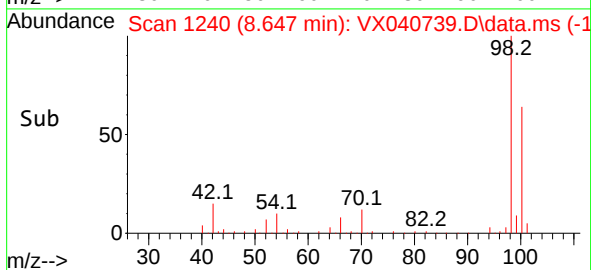
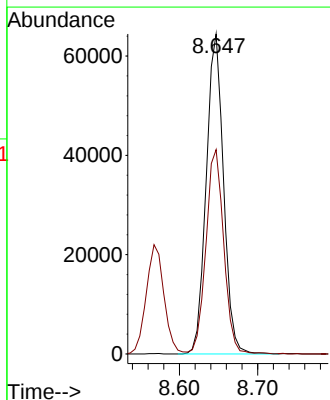
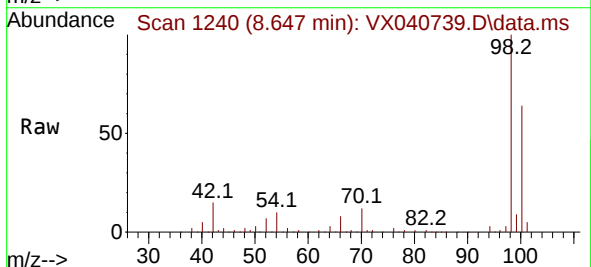
Manual Integrations
APPROVED

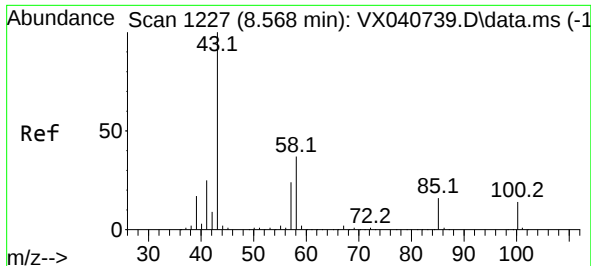
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#50
Toluene-d8
Concen: 51.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 98 Resp: 98656
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





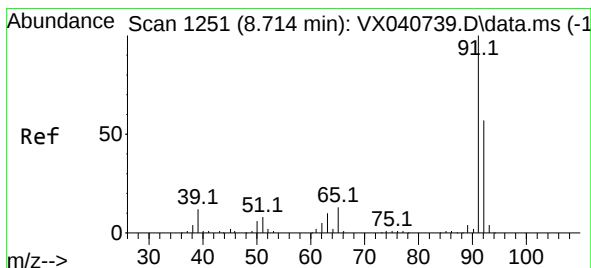
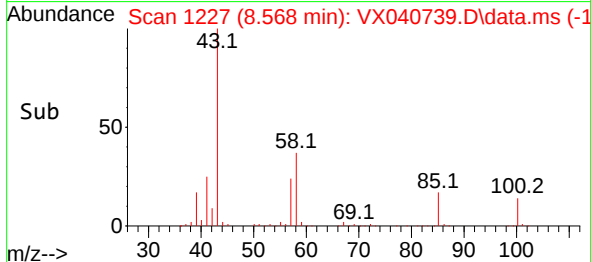
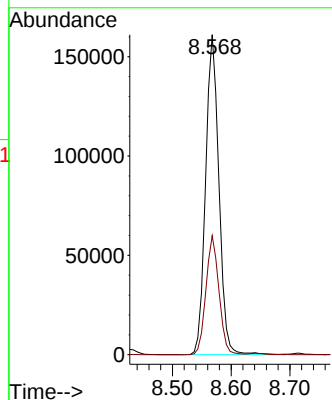
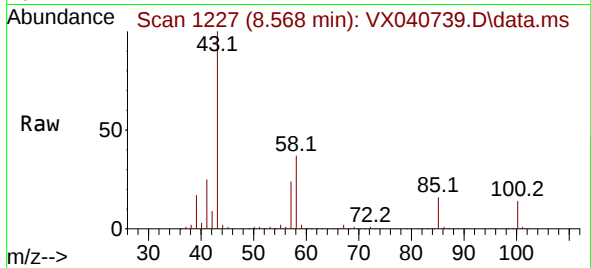
#51
4-Methyl-2-Pentanone
Concen: 276.497 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 253910
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6

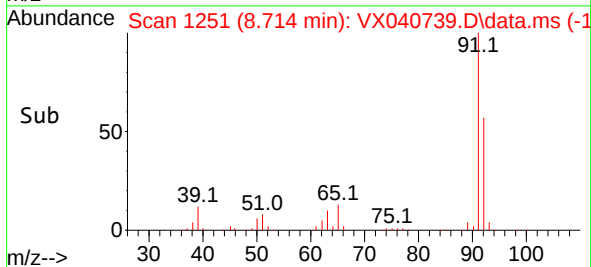
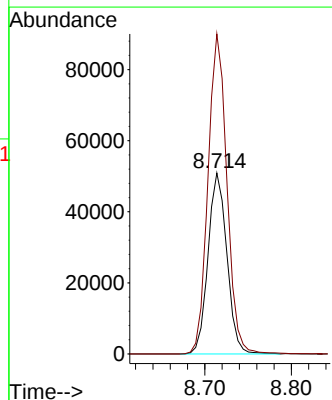
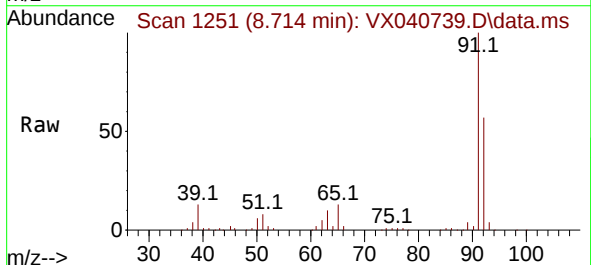
Manual Integrations
APPROVED

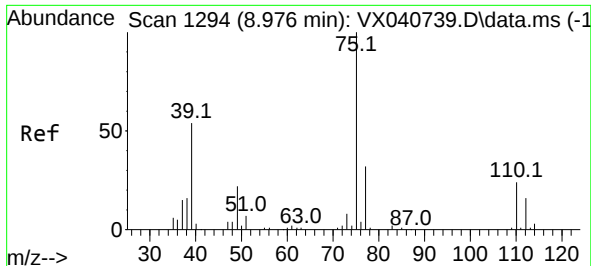
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#52
Toluene
Concen: 56.286 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 92 Resp: 76978
Ion Ratio Lower Upper
92 100
91 177.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 55.137 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 4966

Ion Ratio Lower Upper

75 100

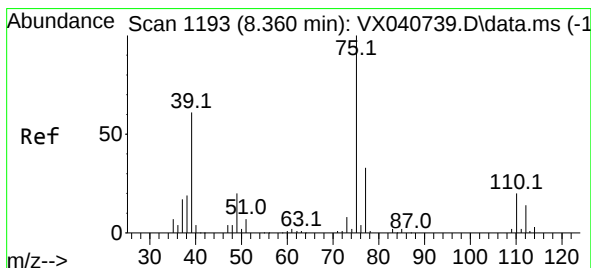
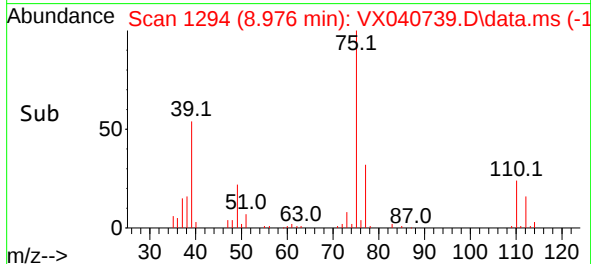
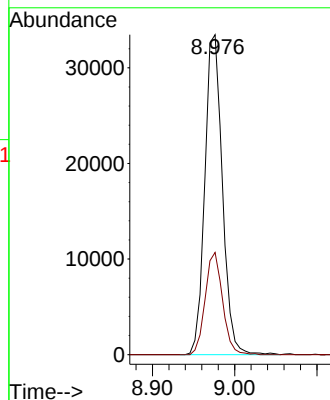
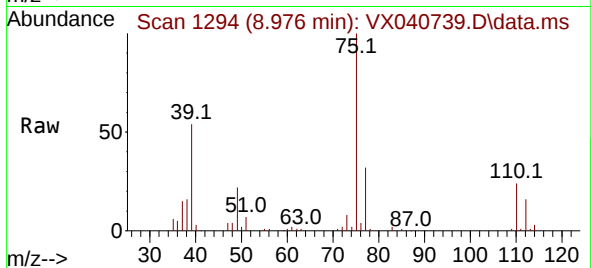
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#54

cis-1,3-Dichloropropene

Concen: 56.244 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

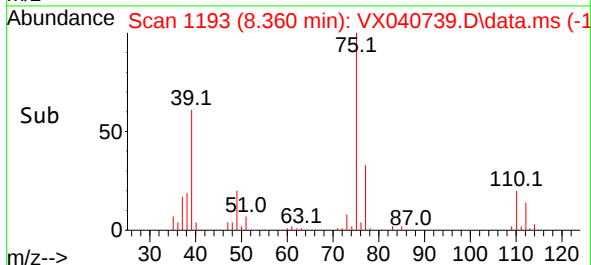
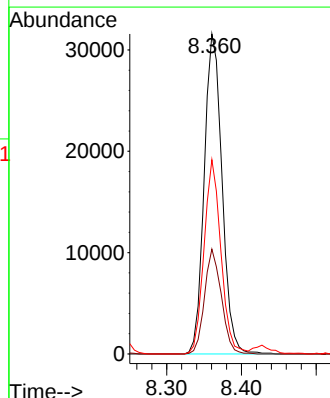
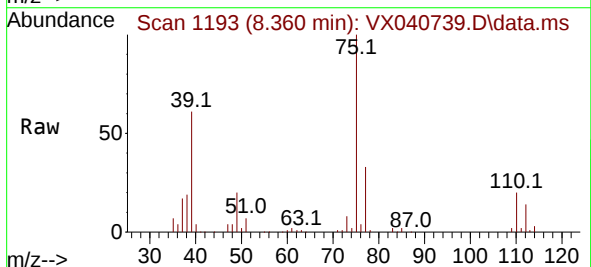
Tgt Ion: 75 Resp: 52392

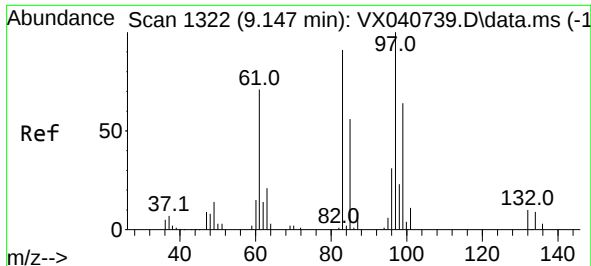
Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

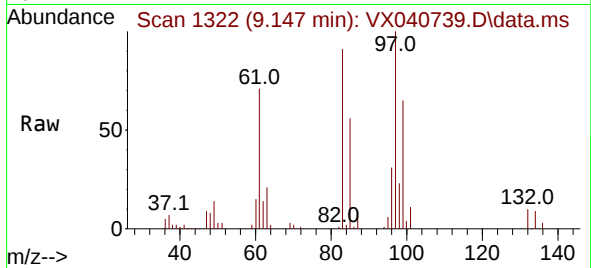
39 60.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.354 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

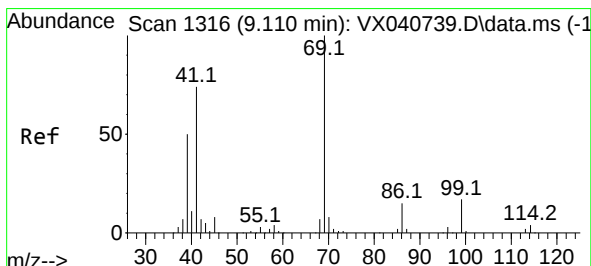
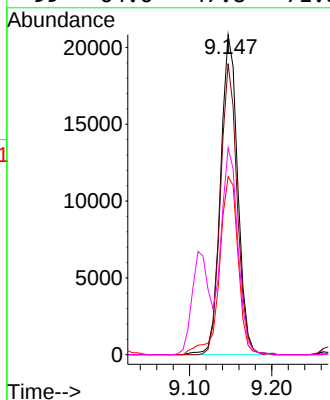
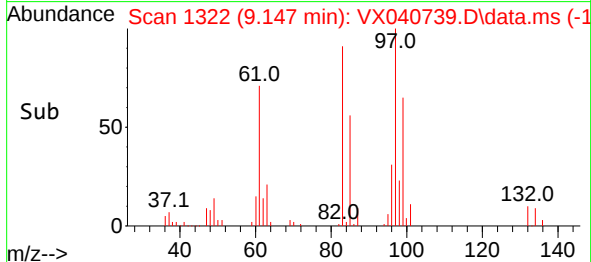


Tgt Ion: 97 Resp: 3027

Ion	Ratio	Lower	Upper
97	100		
83	90.9	65.8	98.8
85	55.6	41.6	62.4
99	64.6	47.8	71.8

Manual Integrations
APPROVED

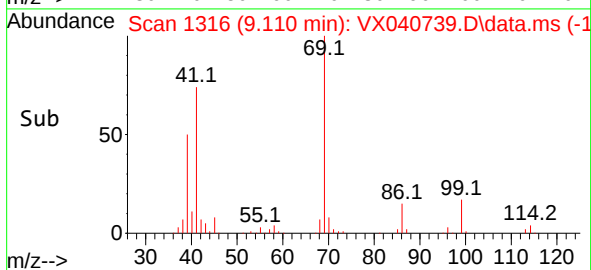
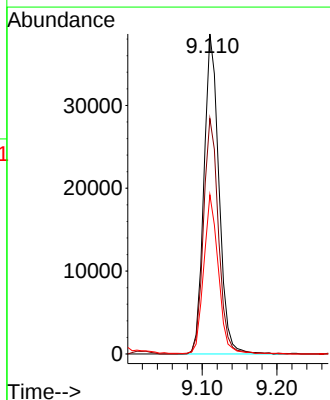
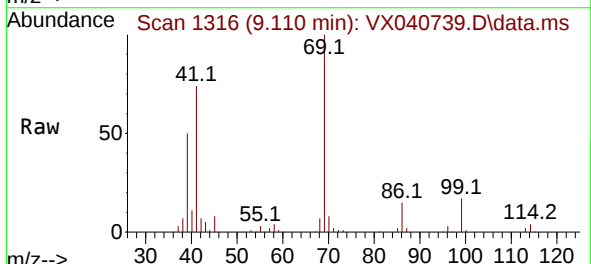
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

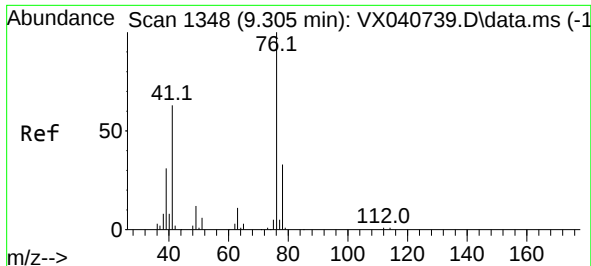


#56
Ethyl methacrylate
Concen: 57.715 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 69 Resp: 53728

Ion	Ratio	Lower	Upper
69	100		
41	73.8	56.8	85.2
39	48.1	32.0	48.0





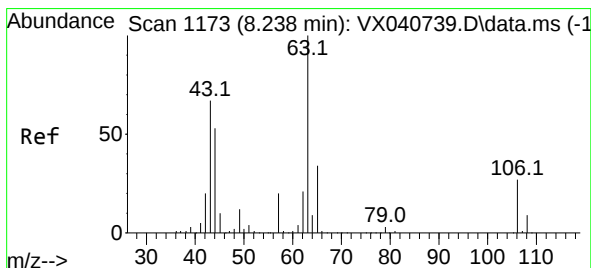
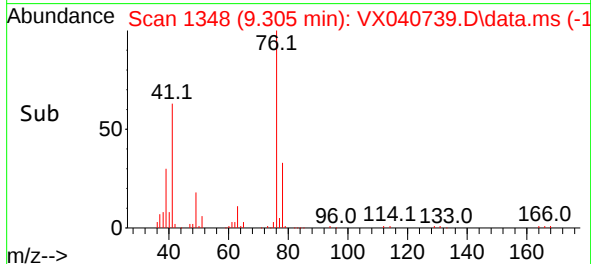
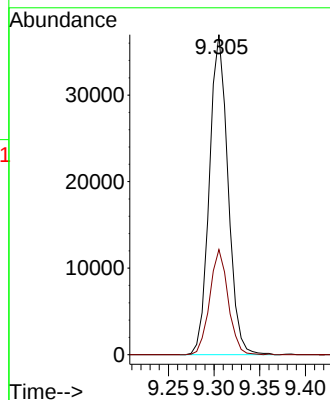
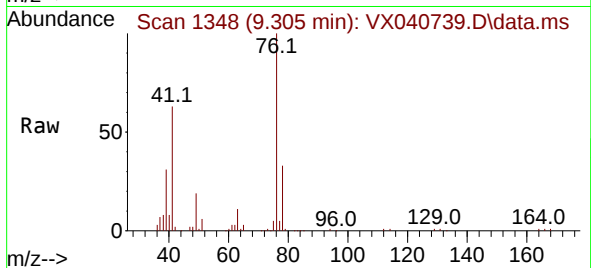
#57
1,3-Dichloropropane
Concen: 55.011 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 5228
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

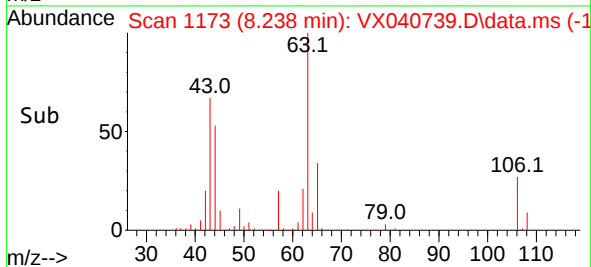
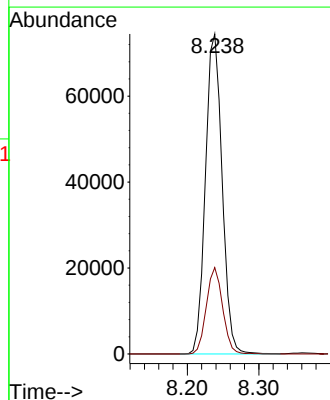
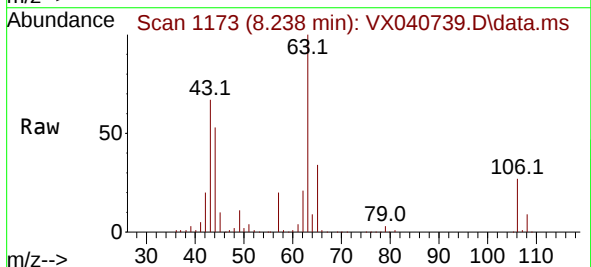
Manual Integrations
APPROVED

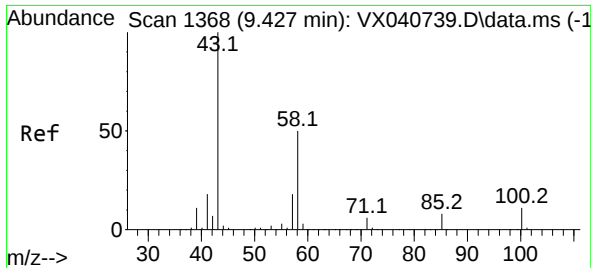
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 246.520 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 63 Resp: 120442
Ion Ratio Lower Upper
63 100
106 26.4 22.5 33.7





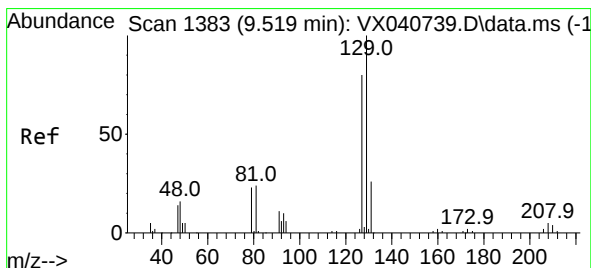
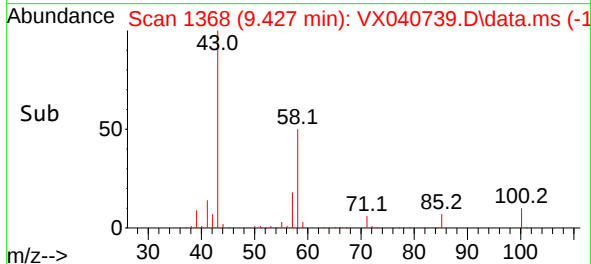
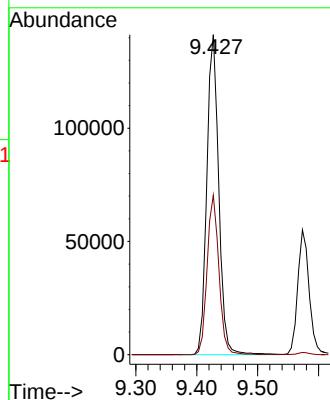
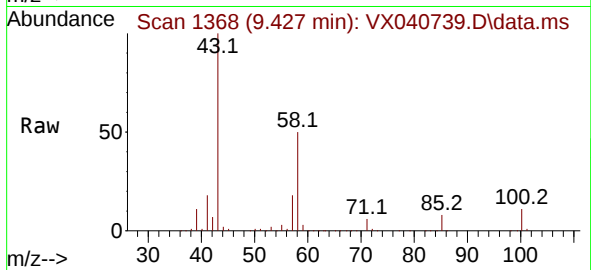
#59
2-Hexanone
Concen: 270.014 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 192085
Ion Ratio Lower Upper
43 100
58 49.4 26.2 78.5

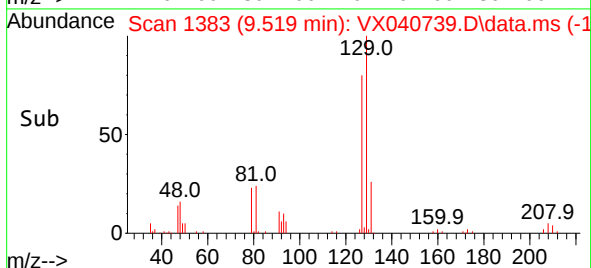
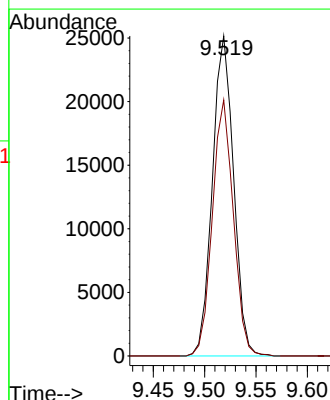
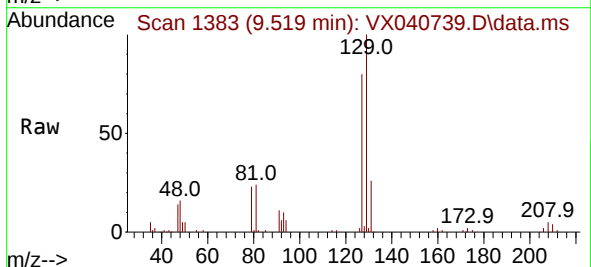
Manual Integrations
APPROVED

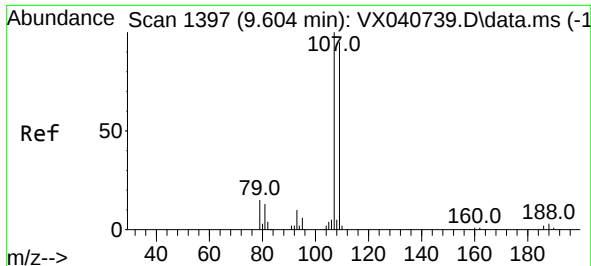
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#60
Dibromochloromethane
Concen: 55.090 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

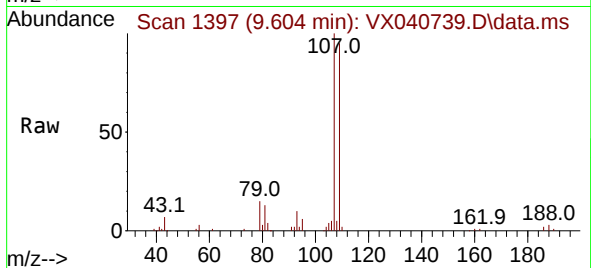
Tgt Ion:129 Resp: 36054
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.725 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

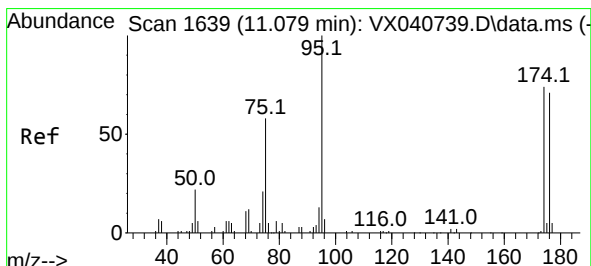
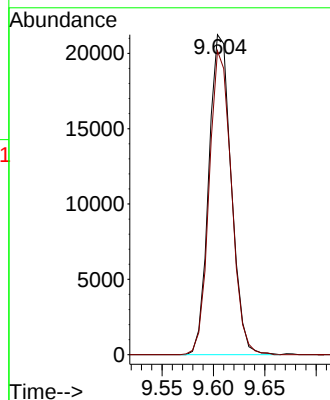
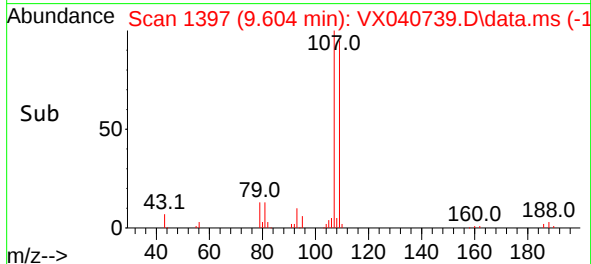
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 3218
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

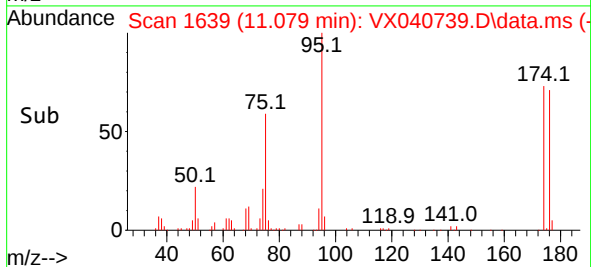
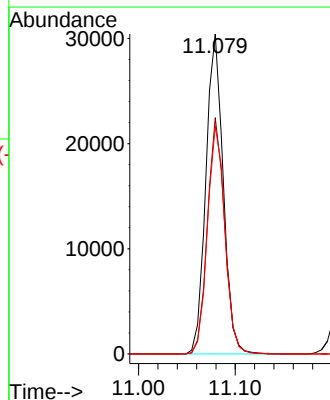
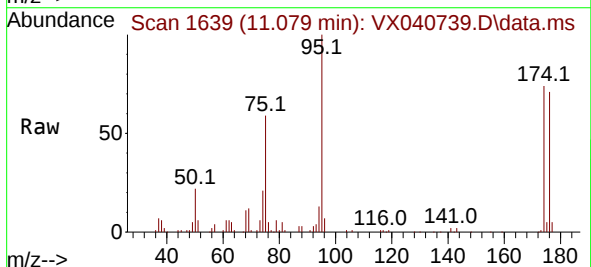
Manual Integrations
APPROVED

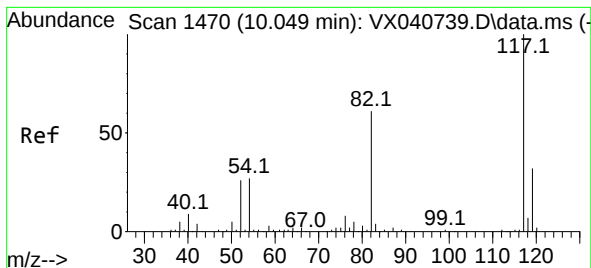
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#62
4-Bromofluorobenzene
Concen: 49.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 95 Resp: 37940
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 71992

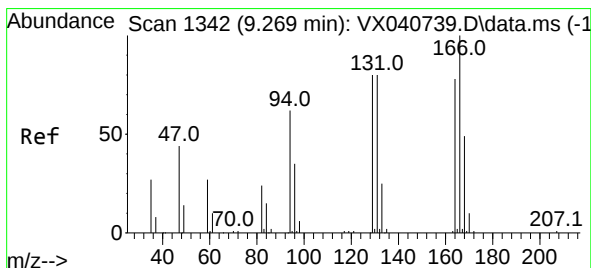
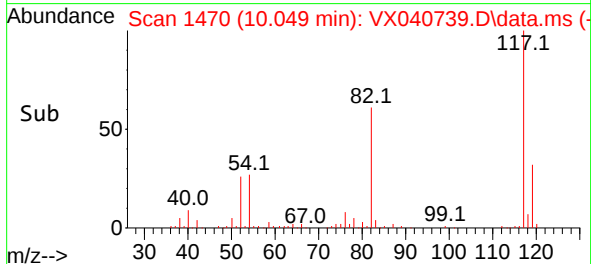
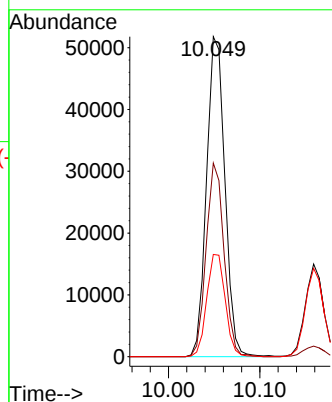
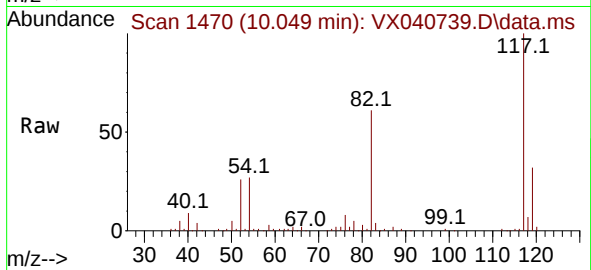
Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.2	69.4
119	31.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#64

Tetrachloroethene

Concen: 51.380 ug/l

RT: 9.269 min Scan# 1342

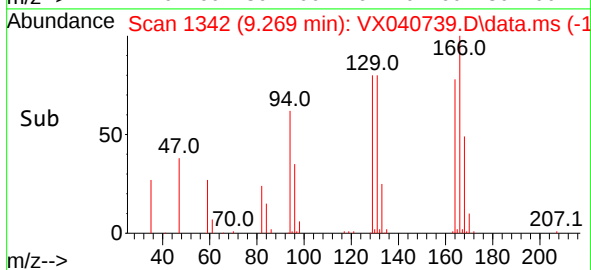
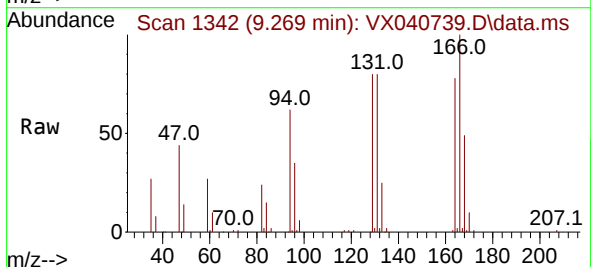
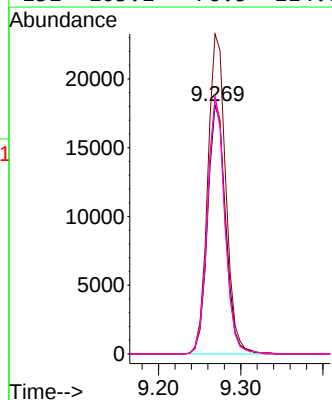
Delta R.T. 0.000 min

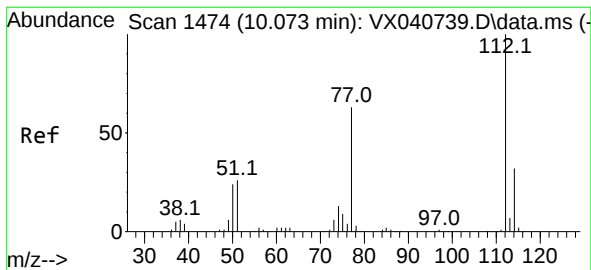
Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Tgt Ion:164 Resp: 27552

Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.7	154.1
129	103.2	80.4	120.6
131	103.1	76.5	114.7





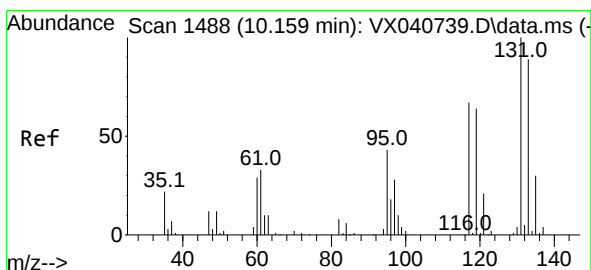
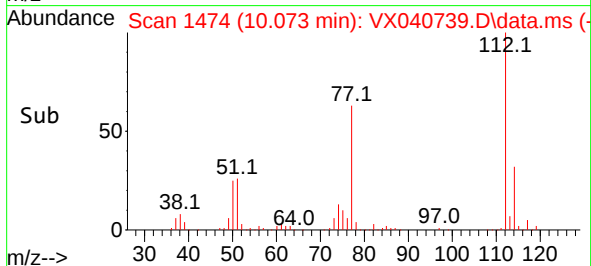
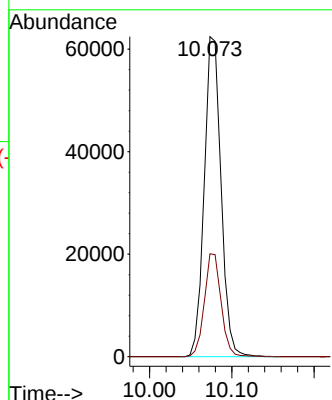
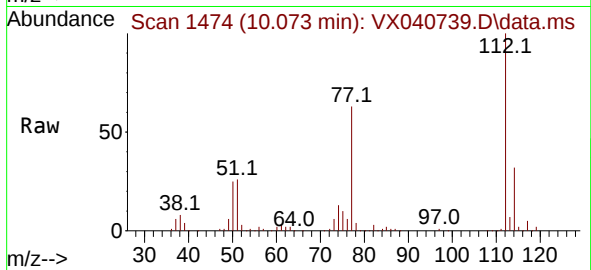
#65
Chlorobenzene
Concen: 54.301 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 88664
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

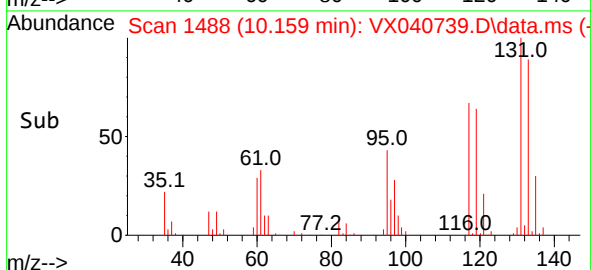
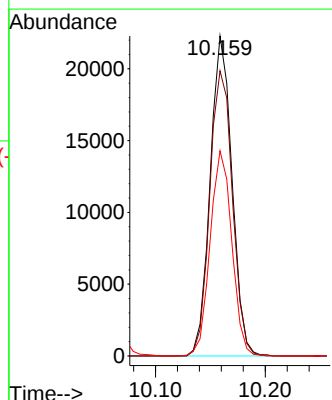
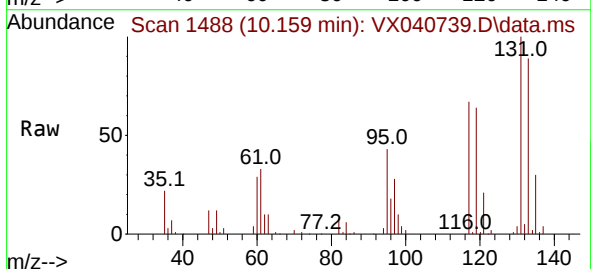
Manual Integrations
APPROVED

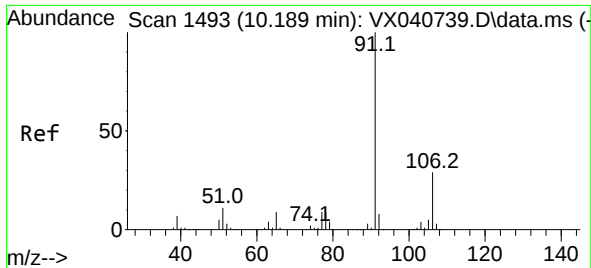
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.491 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion:131 Resp: 30833
Ion Ratio Lower Upper
131 100
133 92.6 47.1 141.4
119 63.7 32.2 96.6





#67

Ethyl Benzene

Concen: 54.695 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 15994

Ion Ratio Lower Upper

91 100

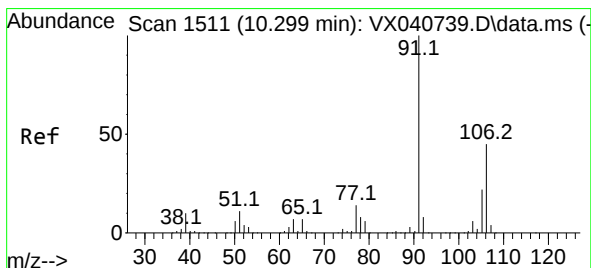
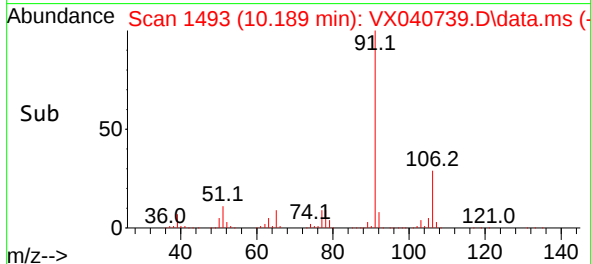
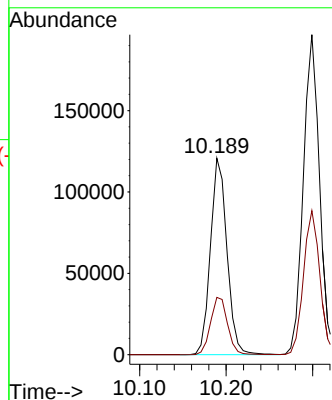
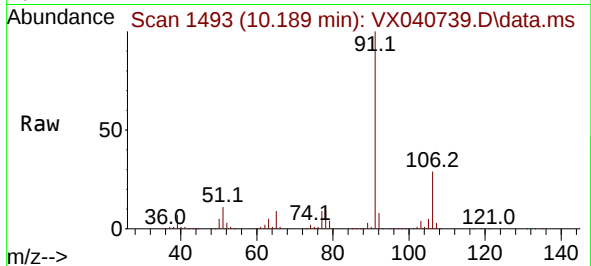
106 29.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#68

m/p-Xylenes

Concen: 109.548 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040739.D

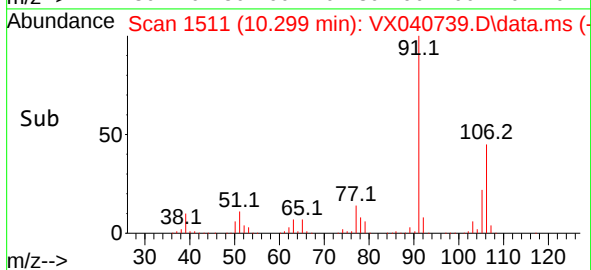
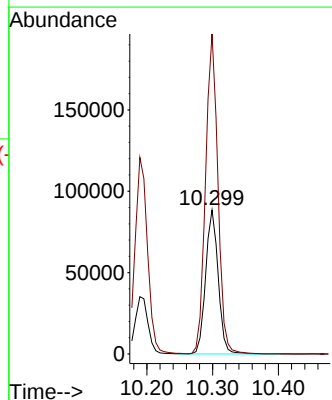
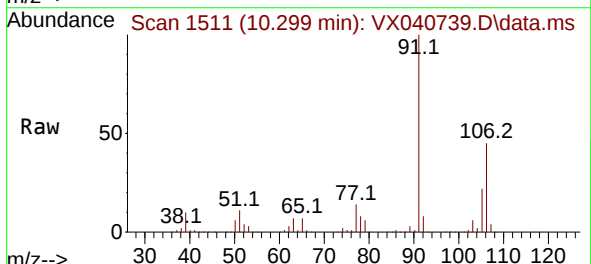
Acq: 21 Mar 2024 11:28

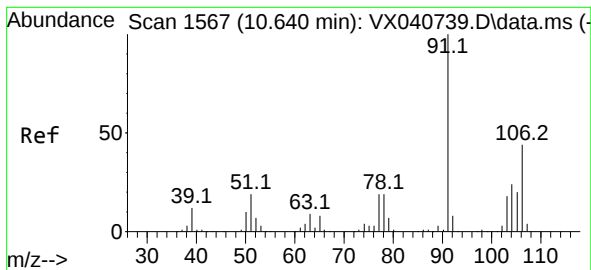
Tgt Ion:106 Resp: 117285

Ion Ratio Lower Upper

106 100

91 218.8 165.5 248.3





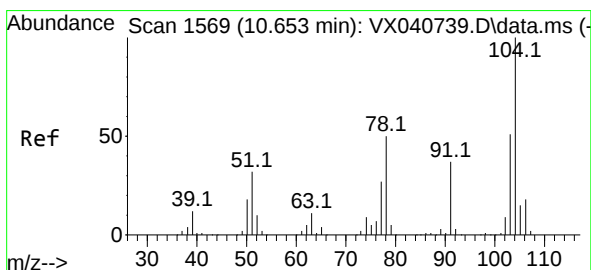
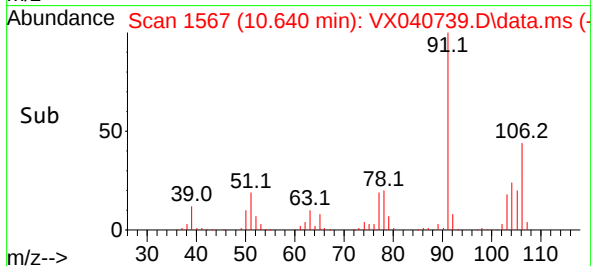
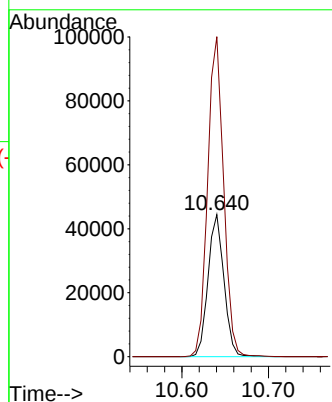
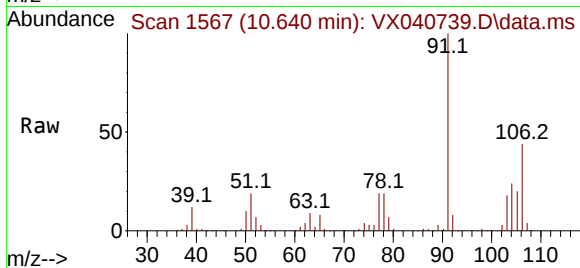
#69
o-Xylene
Concen: 55.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 56794
Ion Ratio Lower Upper
106 100
91 225.6 108.9 326.8

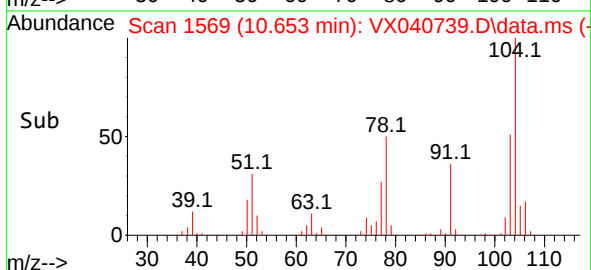
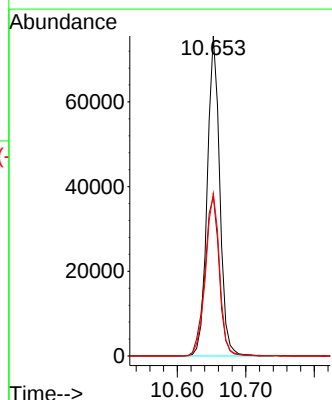
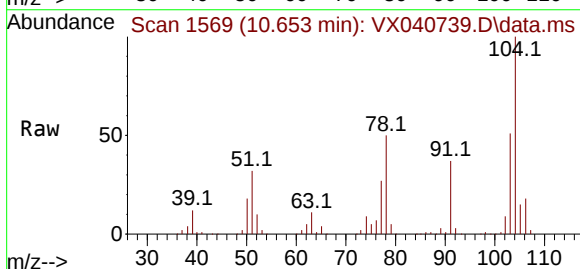
Manual Integrations
APPROVED

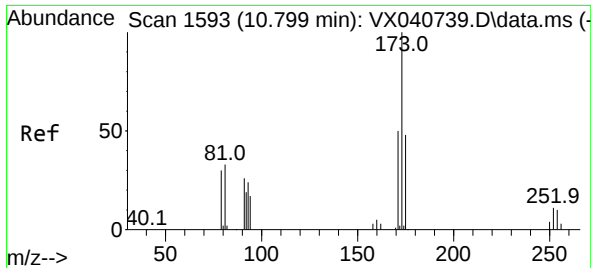
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#70
Styrene
Concen: 55.828 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

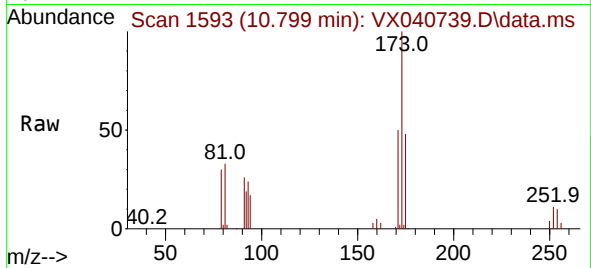
Tgt Ion:104 Resp: 96124
Ion Ratio Lower Upper
104 100
78 57.4 43.6 65.4
103 56.7 43.6 65.4





#71
Bromoform
Concen: 52.661 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

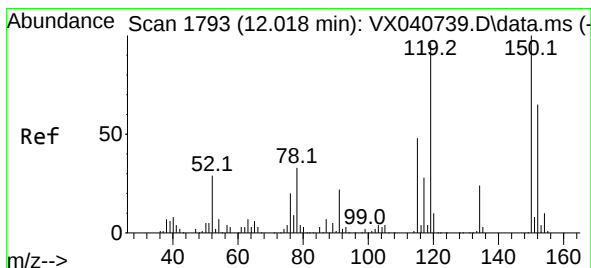
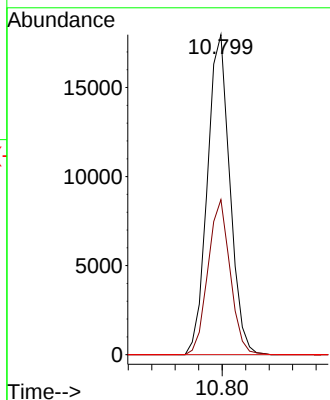
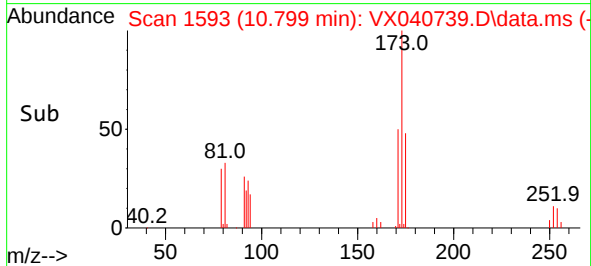
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



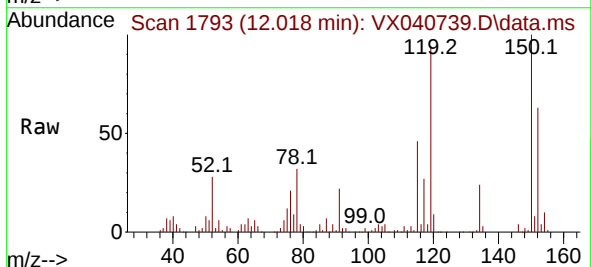
Tgt Ion:173 Resp: 2389
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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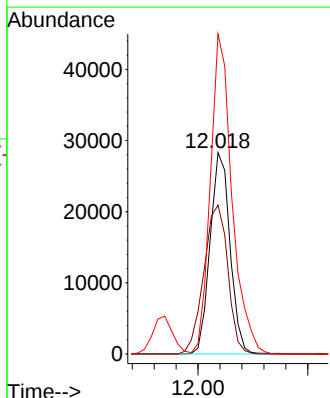
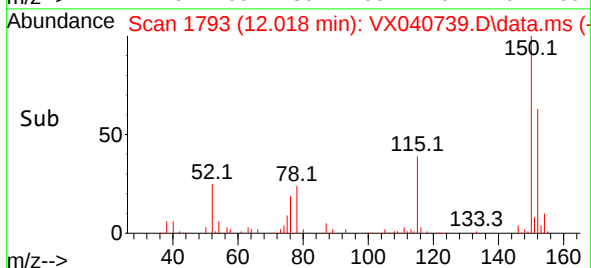
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

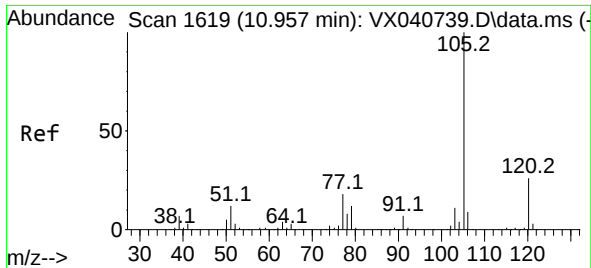


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28



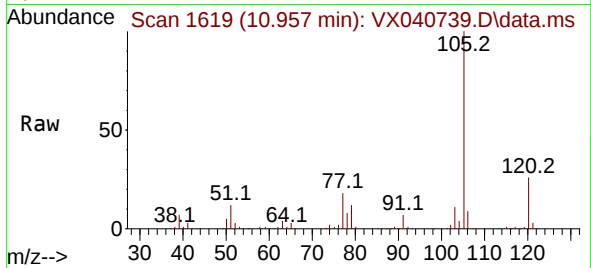
Tgt Ion:152 Resp: 35679
Ion Ratio Lower Upper
152 100
115 89.2 43.3 129.9
150 172.7 0.0 345.0





#73
Isopropylbenzene
Concen: 52.214 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

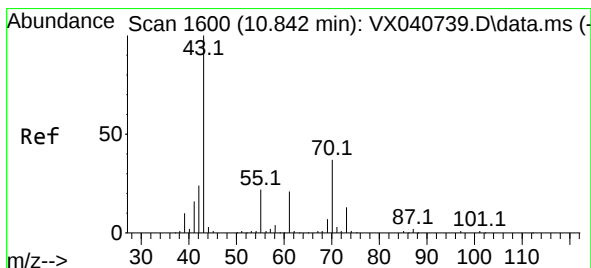
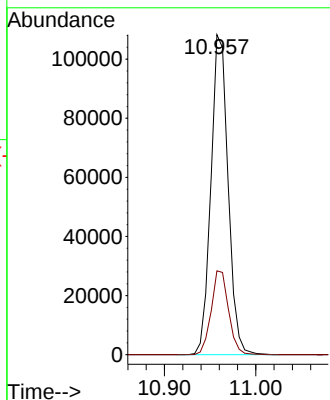
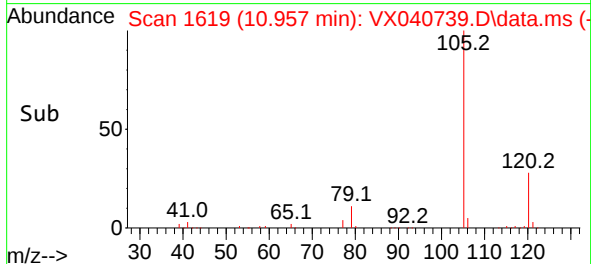
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



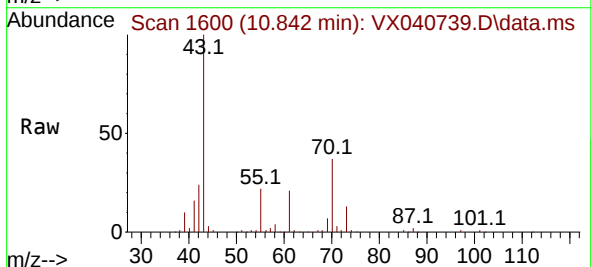
Tgt Ion:105 Resp: 14135
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

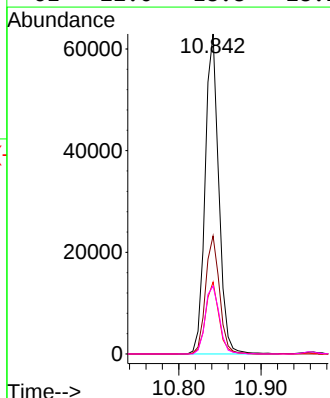
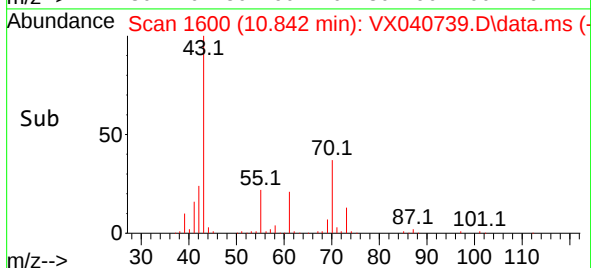
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

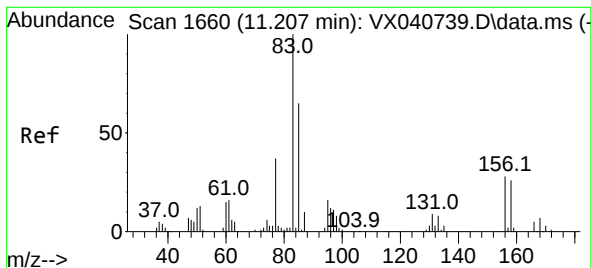


#74
N-ethyl acetate
Concen: 54.495 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28



Tgt Ion: 43 Resp: 72637
Ion Ratio Lower Upper
43 100
70 37.7 32.9 49.3
55 22.1 19.3 28.9
61 22.0 18.8 28.2





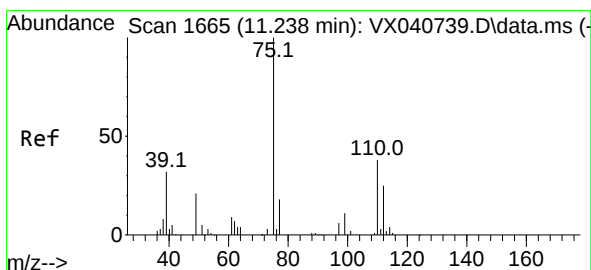
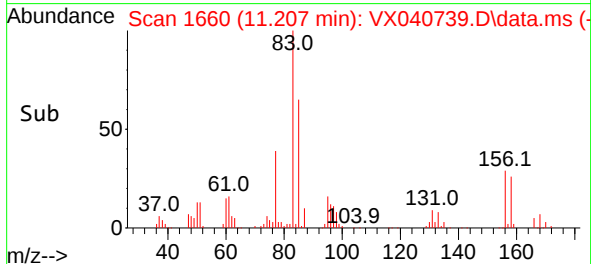
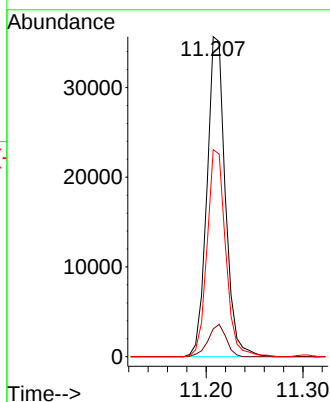
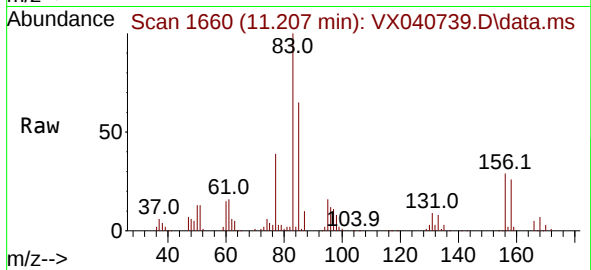
#75
1,1,2,2-Tetrachloroethane
Concen: 51.256 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 46975
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 65.3 32.0 96.2

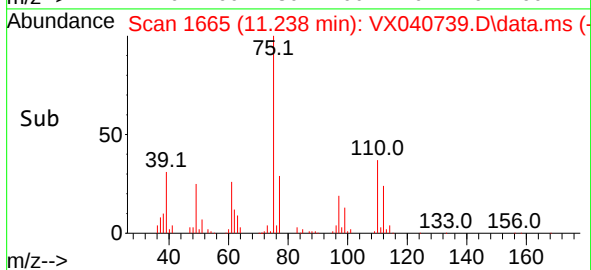
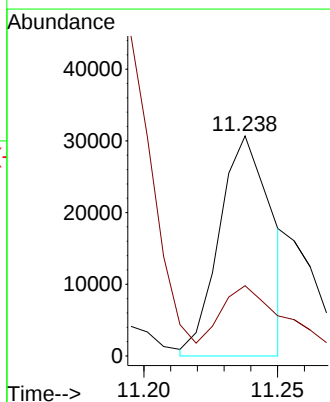
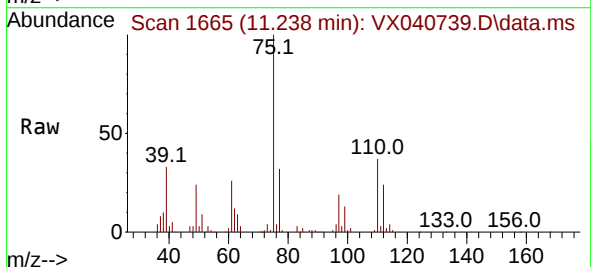
Manual Integrations
APPROVED

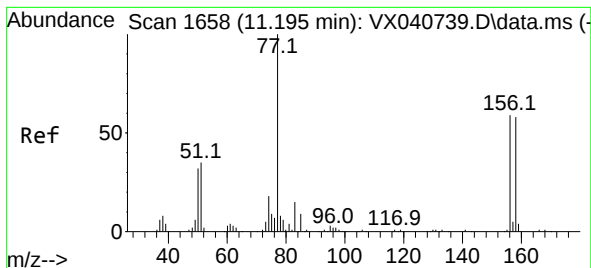
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#76
1,2,3-Trichloropropane
Concen: 53.738 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 75 Resp: 41379
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 52.066 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

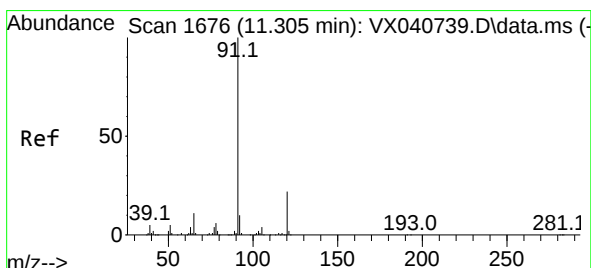
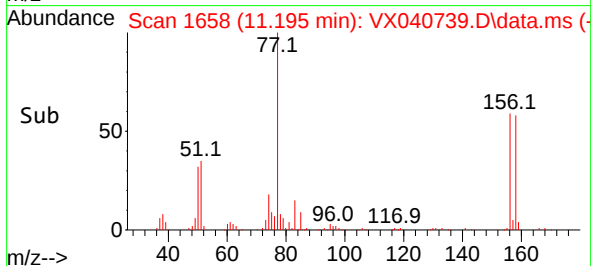
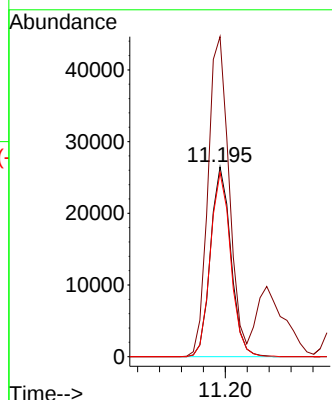
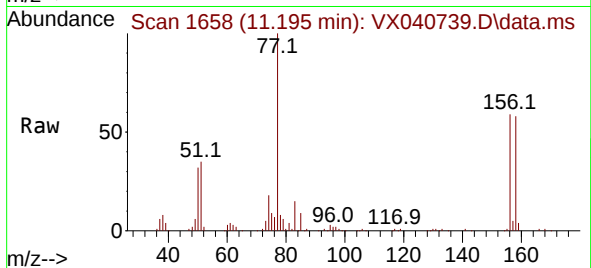
Tgt Ion:	156	Resp:	34118
Ion Ratio	Lower	Upper	
156	100		
77	174.0	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#78

n-propylbenzene

Concen: 52.162 ug/l

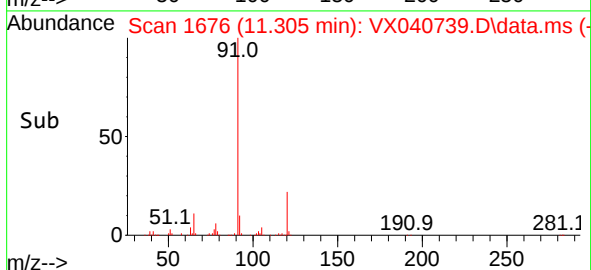
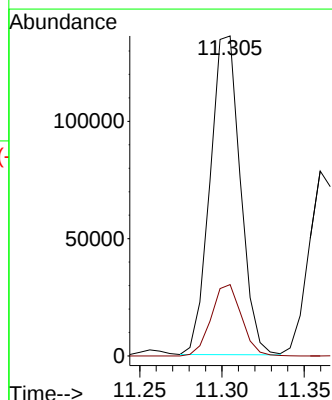
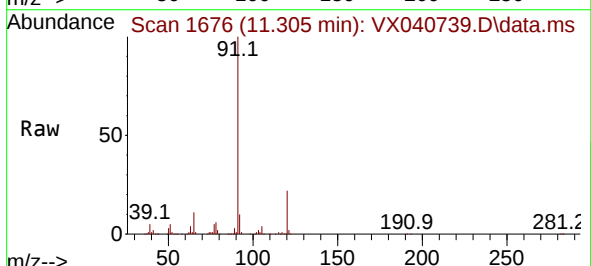
RT: 11.305 min Scan# 1676

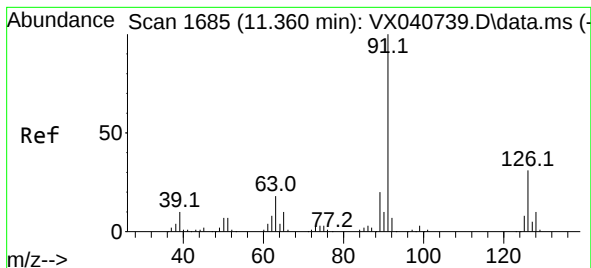
Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Tgt Ion:	91	Resp:	174116
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





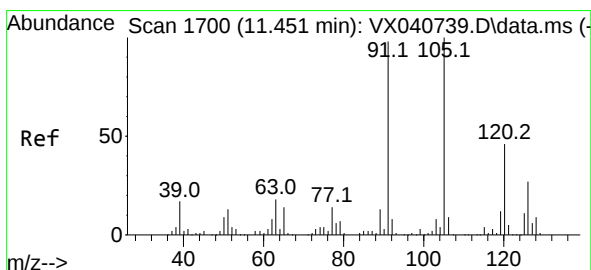
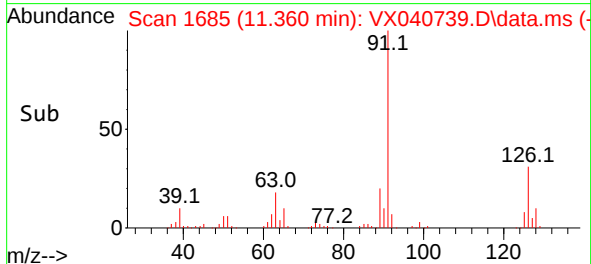
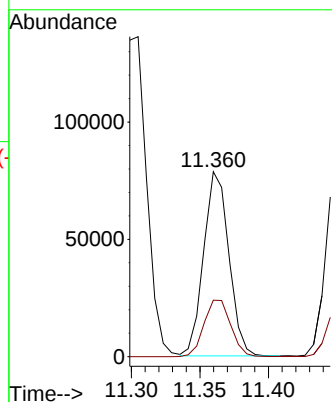
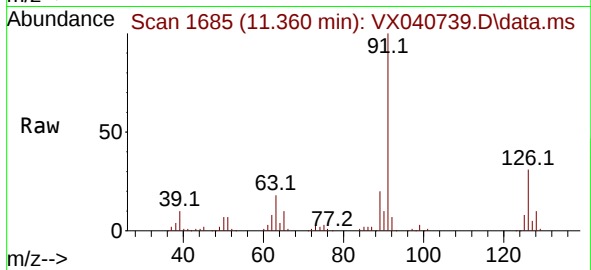
#79
2-Chlorotoluene
Concen: 52.162 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 10046
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

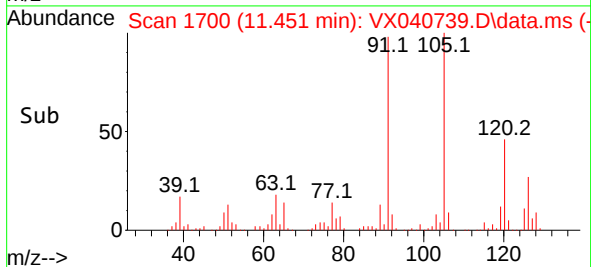
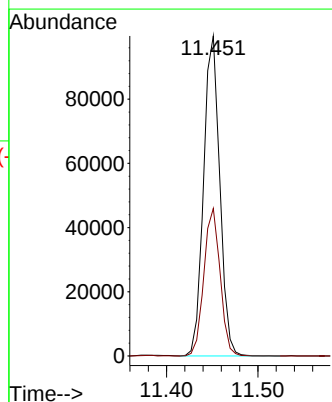
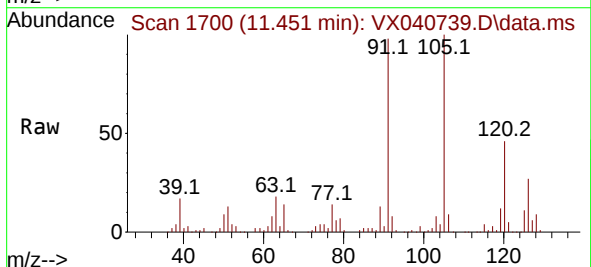
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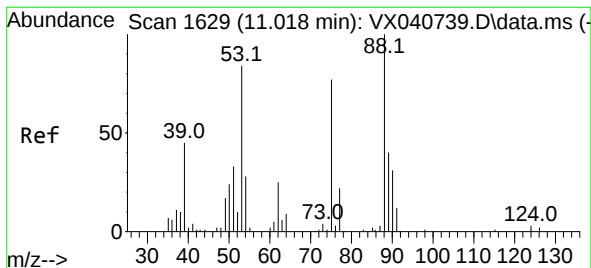
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.957 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion:105 Resp: 122457
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





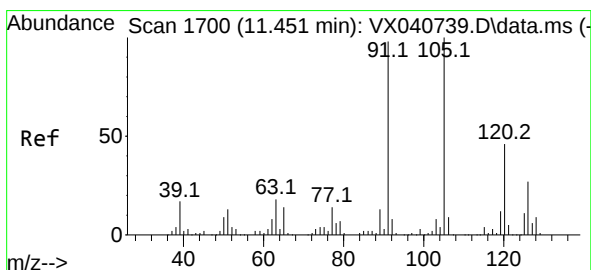
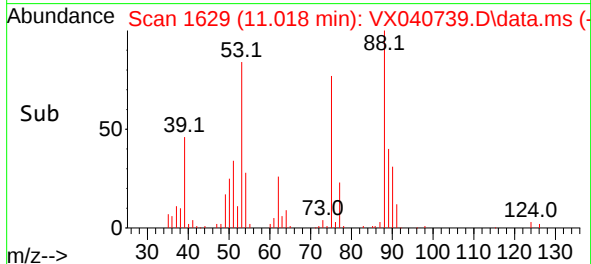
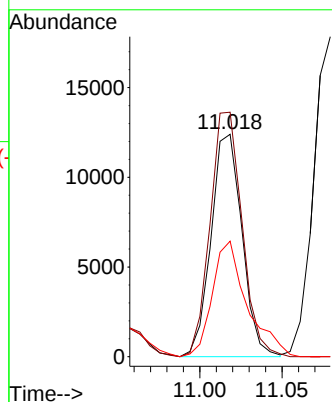
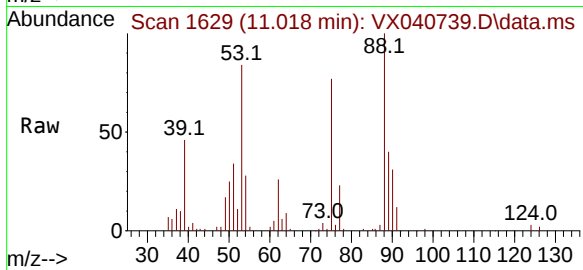
#81
trans-1,4-Dichloro-2-butene
Concen: 53.559 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 16240
Ion Ratio Lower Upper
75 100
53 113.4 90.5 135.7
89 58.4 36.9 55.3

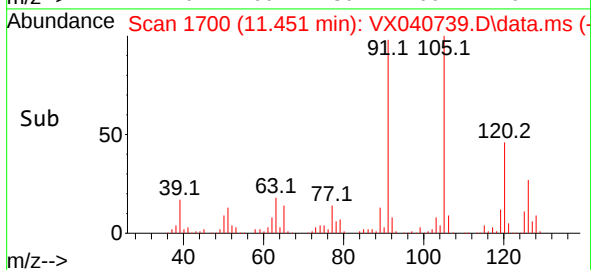
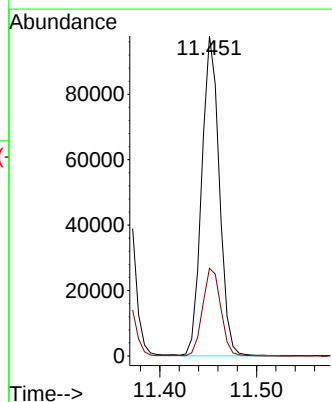
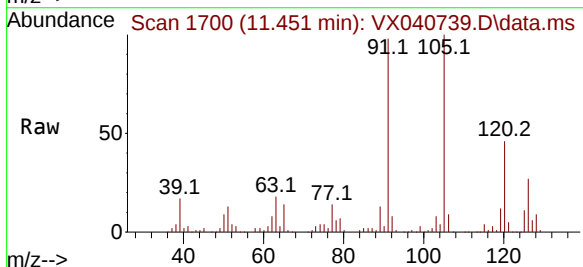
Manual Integrations
APPROVED

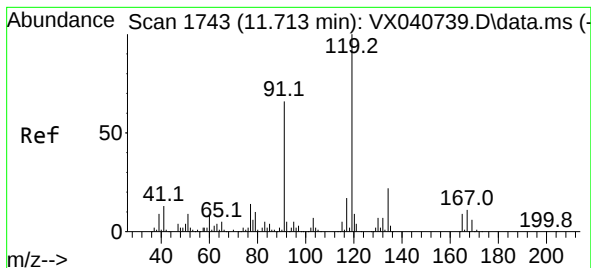
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#82
4-Chlorotoluene
Concen: 51.204 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion: 91 Resp: 123699
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.864 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 122608

Ion Ratio Lower Upper

119 100

91 64.3 31.2 93.6

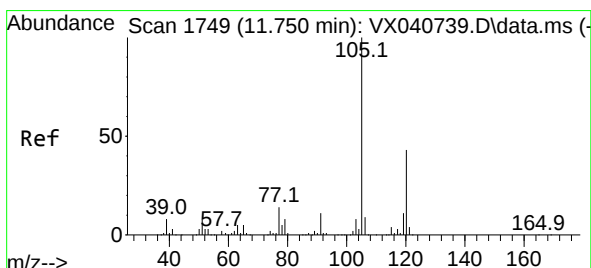
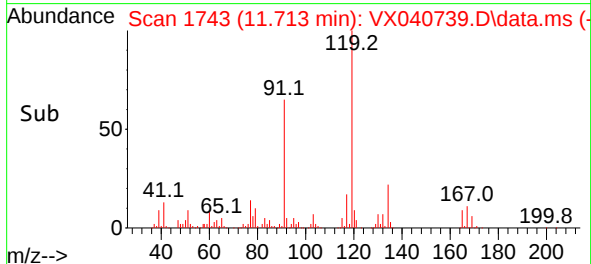
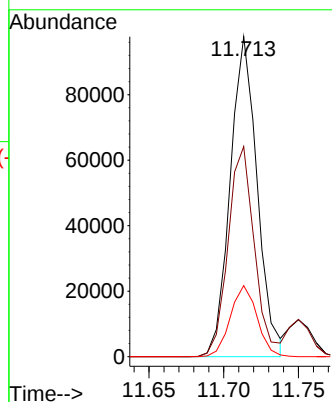
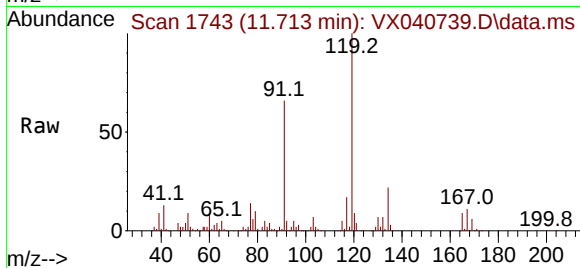
134 22.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.824 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040739.D

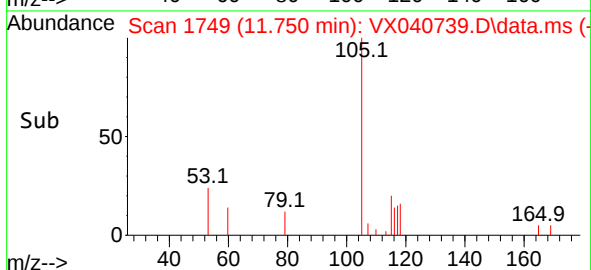
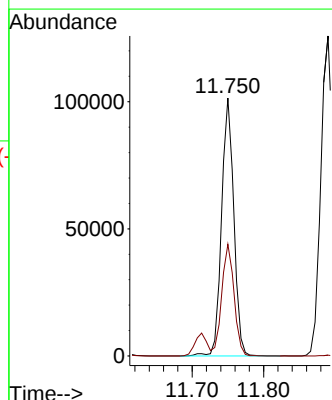
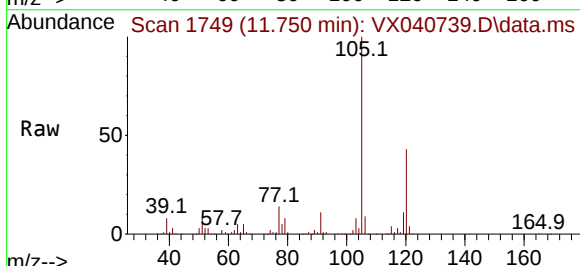
Acq: 21 Mar 2024 11:28

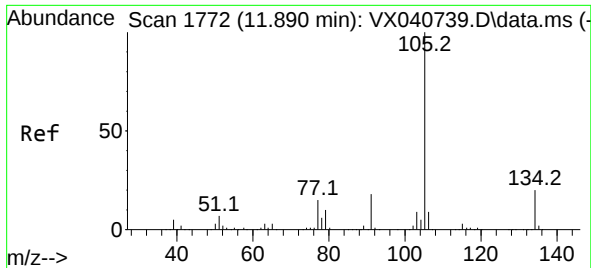
Tgt Ion:105 Resp: 120658

Ion Ratio Lower Upper

105 100

120 43.6 21.2 63.6





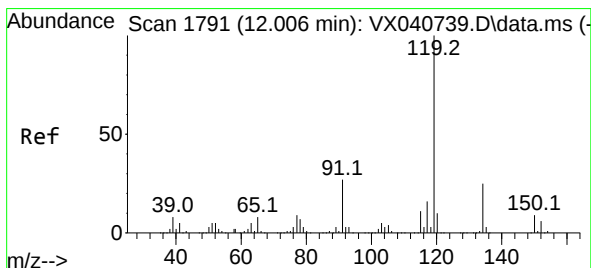
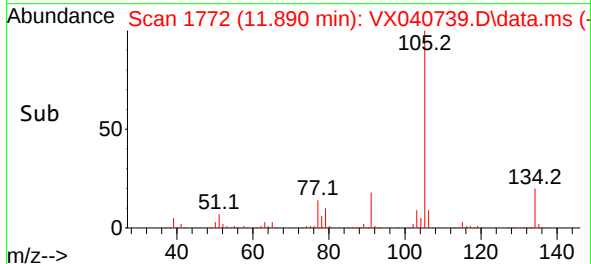
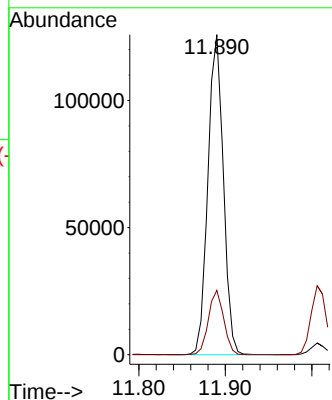
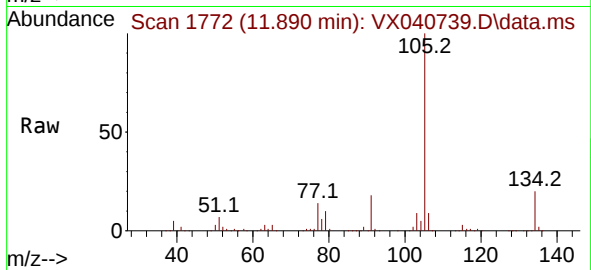
#85
 sec-Butylbenzene
 Concen: 53.784 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040739.D
 Acq: 21 Mar 2024 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 15568
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

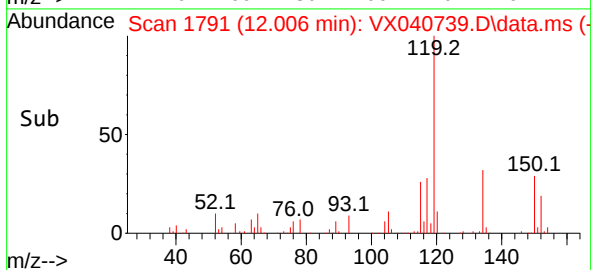
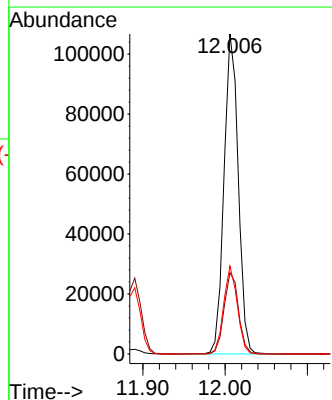
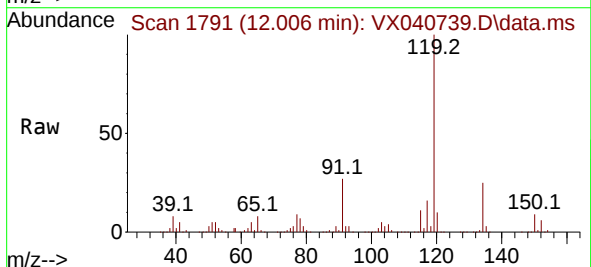
Manual Integrations
 APPROVED

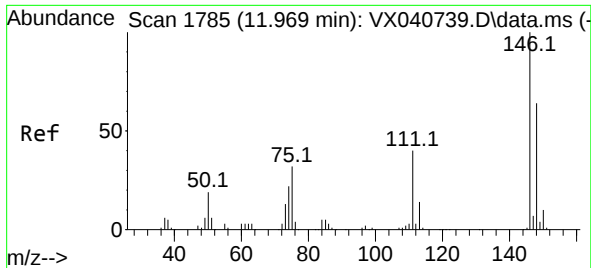
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#86
 p-Isopropyltoluene
 Concen: 53.418 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040739.D
 Acq: 21 Mar 2024 11:28

Tgt Ion:119 Resp: 128218
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.541 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 66999

Ion Ratio Lower Upper

146 100

111 42.6 22.1 66.1

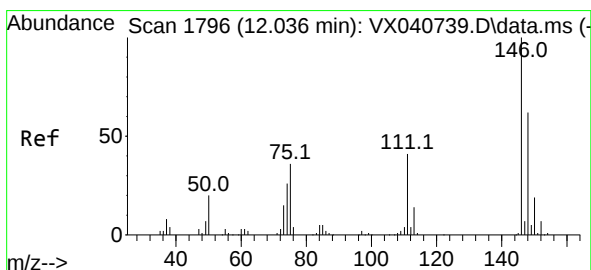
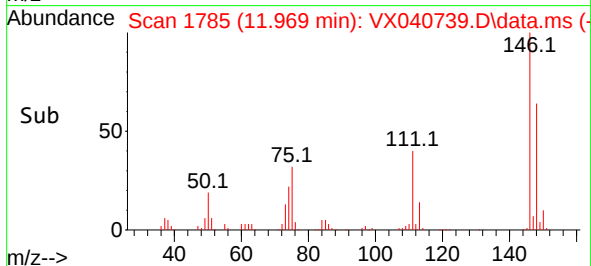
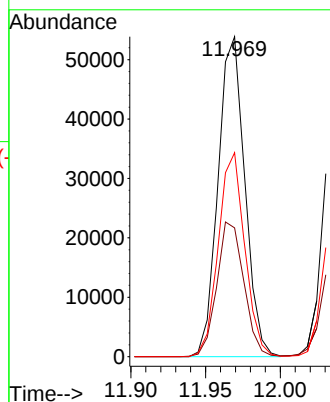
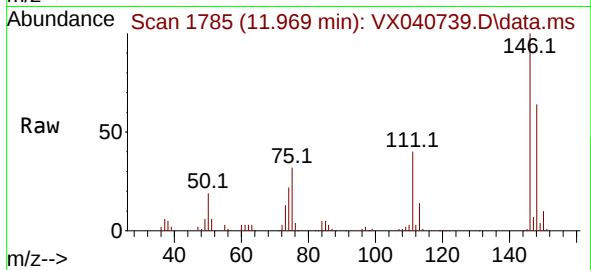
148 63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#88

1,4-Dichlorobenzene

Concen: 50.227 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

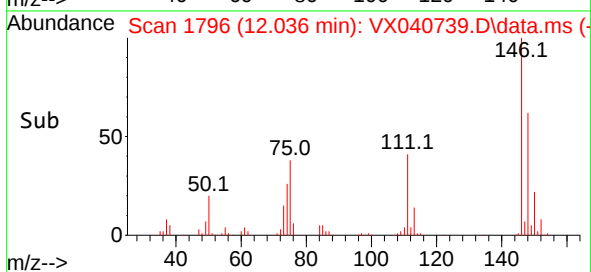
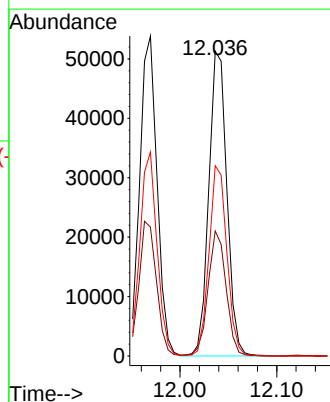
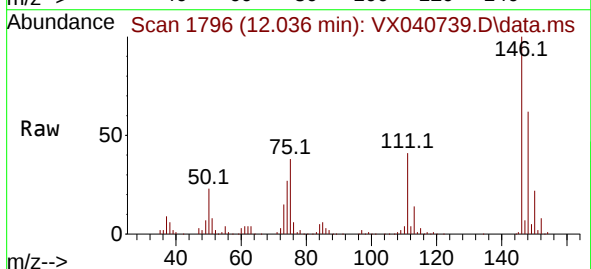
Tgt Ion:146 Resp: 66749

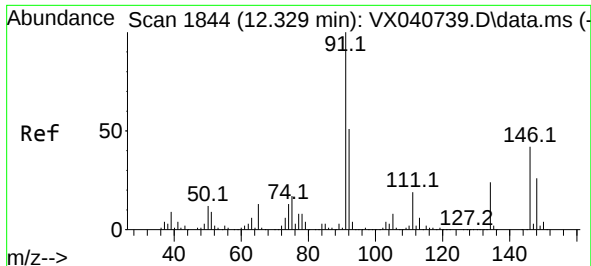
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 61.8 31.8 95.4





#89

n-Butylbenzene

Concen: 52.839 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

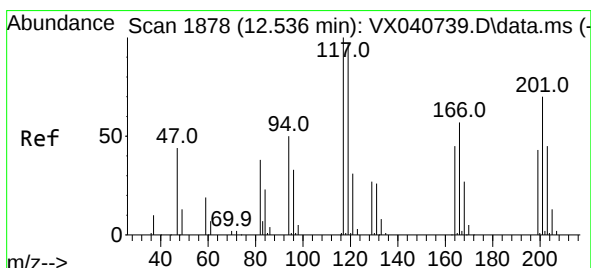
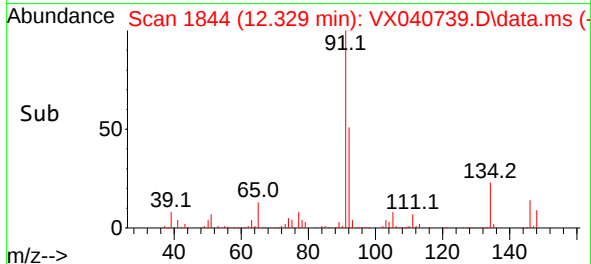
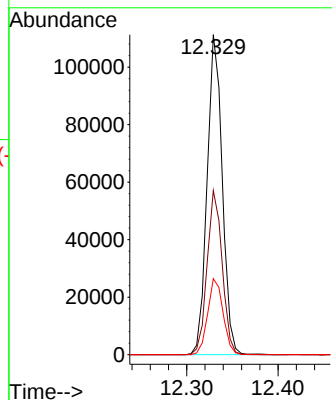
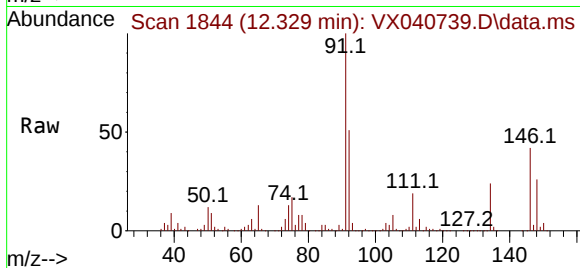
Tgt Ion: 91 Resp: 127894
 Ion Ratio Lower Upper
 91 100
 92 51.2 27.4 82.0
 134 24.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#90

Hexachloroethane

Concen: 57.088 ug/l

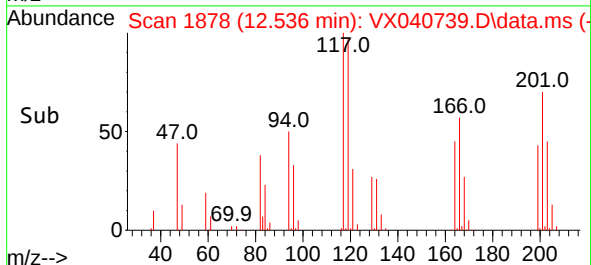
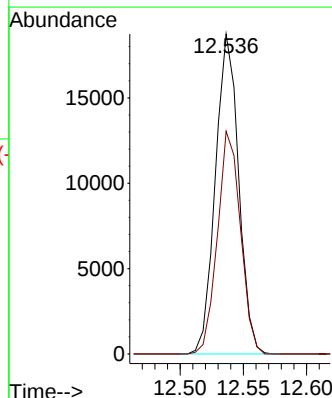
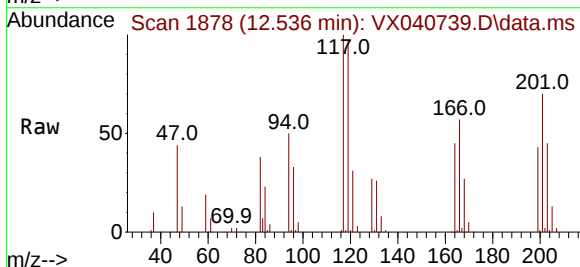
RT: 12.536 min Scan# 1878

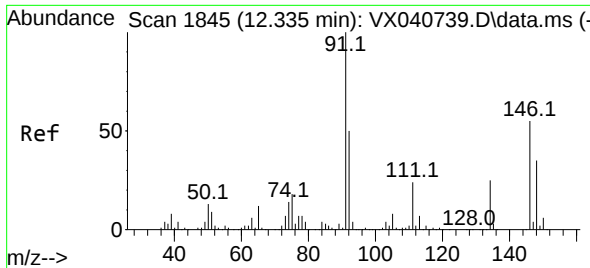
Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

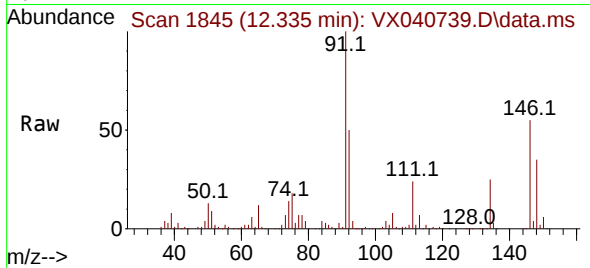
Tgt Ion:117 Resp: 23860
 Ion Ratio Lower Upper
 117 100
 201 69.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.524 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

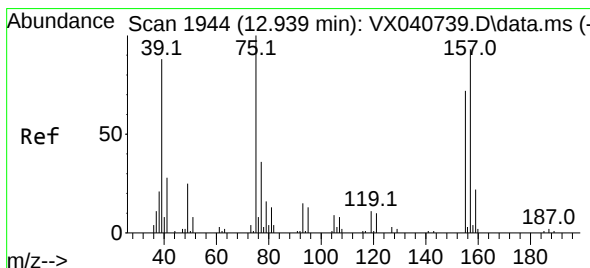
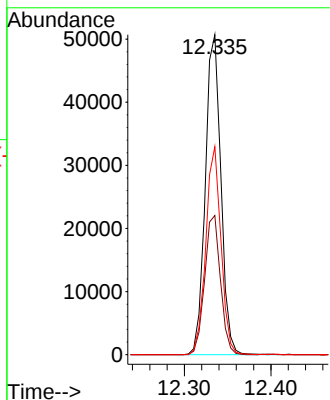
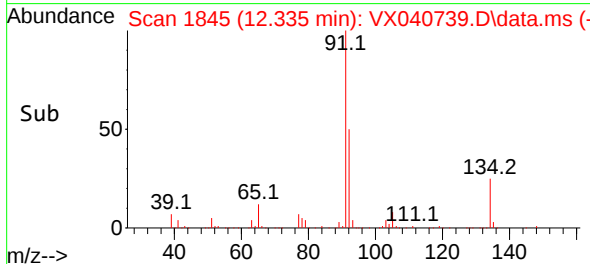
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



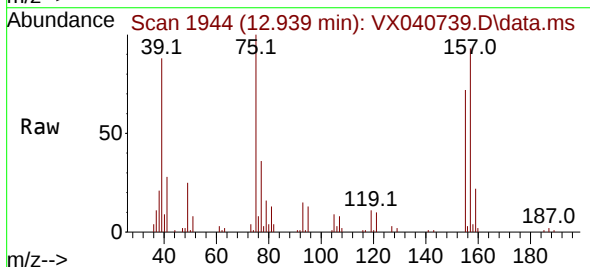
Tgt Ion:146 Resp: 63349
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
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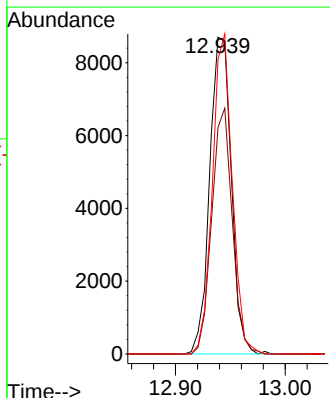
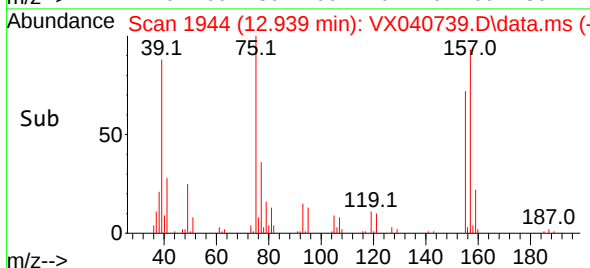
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

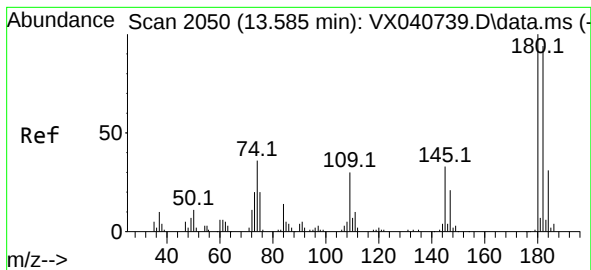


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.103 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28



Tgt Ion: 75 Resp: 11923
Ion Ratio Lower Upper
75 100
155 73.7 36.1 108.5
157 92.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.771 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

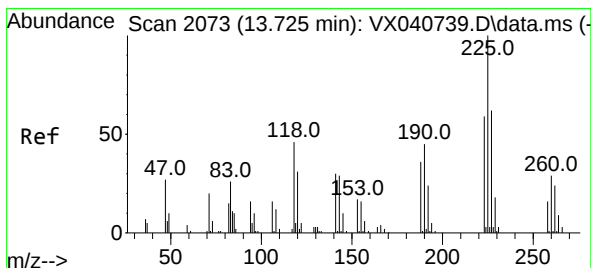
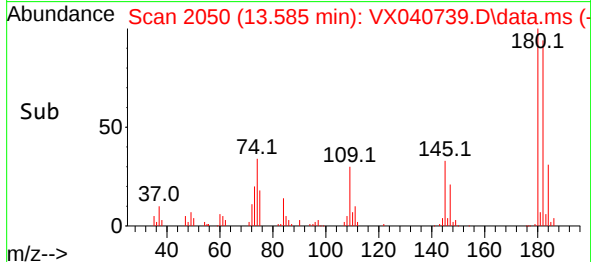
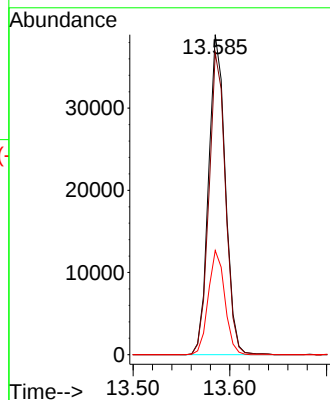
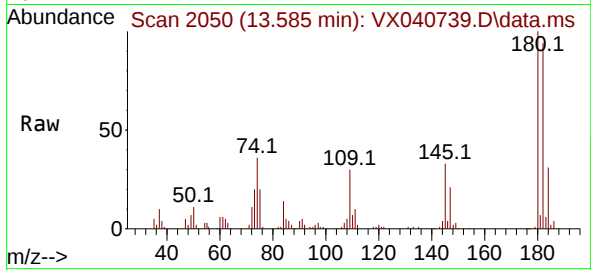
Tgt Ion:180	Resp:	4698
Ion Ratio	Lower	Upper
180	100	
182	93.2	48.3 144.8
145	32.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#94

Hexachlorobutadiene

Concen: 53.266 ug/l

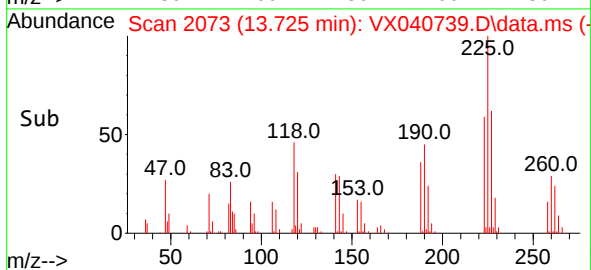
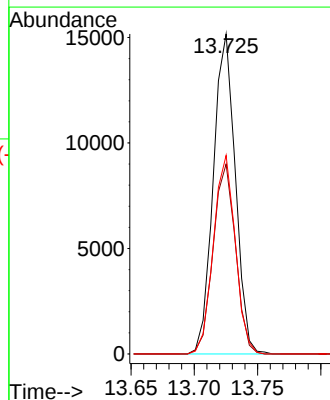
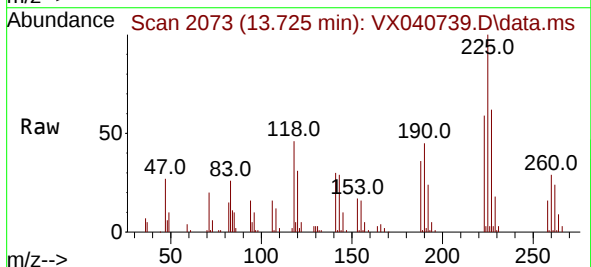
RT: 13.725 min Scan# 2073

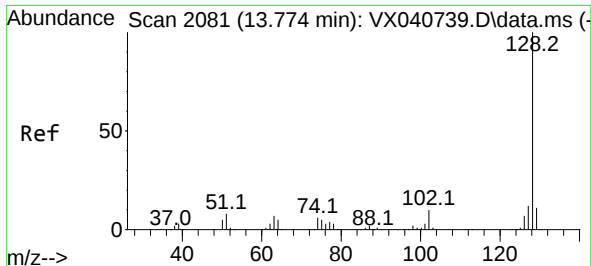
Delta R.T. 0.000 min

Lab File: VX040739.D

Acq: 21 Mar 2024 11:28

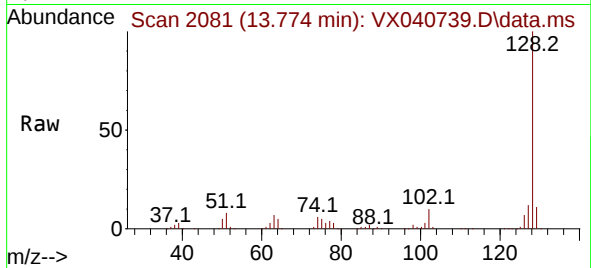
Tgt Ion:225	Resp:	18345
Ion Ratio	Lower	Upper
225	100	
223	60.1	31.1 93.2
227	61.7	32.5 97.5





#95
Naphthalene
Concen: 53.526 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

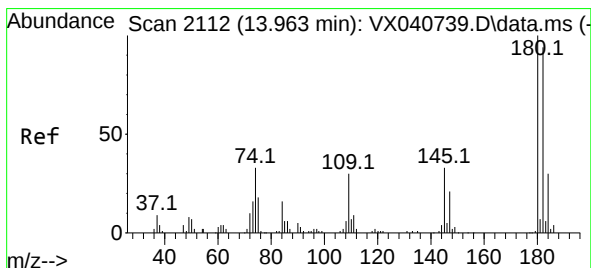
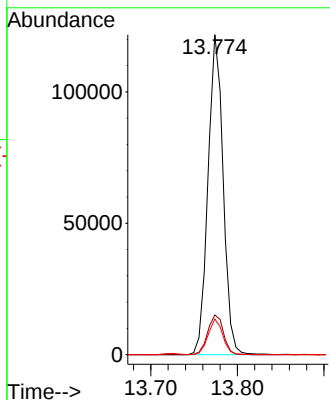
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 147964
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.764 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040739.D
Acq: 21 Mar 2024 11:28

Tgt Ion:180 Resp: 43579
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 34.8 17.8 53.5

