

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040738.D
 Acq On : 21 Mar 2024 10:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 22 02:02:23 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	51425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	72931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	16969	19.624	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.240%#		
35) Dibromofluoromethane	5.385	113	11959	20.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.620%#		
50) Toluene-d8	8.647	98	42852	21.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.520%#		
62) 4-Bromofluorobenzene	11.079	95	14575	18.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12910	19.399	ug/l	96
3) Chloromethane	1.300	50	13017	19.124	ug/l	96
4) Vinyl Chloride	1.374	62	12277	19.048	ug/l	94
5) Bromomethane	1.611	94	8750	20.139	ug/l	98
6) Chloroethane	1.691	64	8770	19.359	ug/l	100
7) Trichlorofluoromethane	1.892	101	20493	18.172	ug/l	98
8) Diethyl Ether	2.136	74	6623	18.271	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	12369	19.073	ug/l	95
10) Methyl Iodide	2.453	142	16443	19.151	ug/l	98
11) Tert butyl alcohol	2.946	59	12838	92.716	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	11261	18.539	ug/l	97
13) Acrolein	2.233	56	7103	86.683	ug/l	99
14) Allyl chloride	2.666	41	20481	18.814	ug/l	89
15) Acrylonitrile	3.062	53	32886	96.208	ug/l	96
16) Acetone	2.373	43	29260	95.535	ug/l	99
17) Carbon Disulfide	2.514	76	32761	18.777	ug/l	100
18) Methyl Acetate	2.703	43	15242	18.569	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	39820	18.994	ug/l	97
20) Methylene Chloride	2.794	84	12768	19.071	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	12039	18.775	ug/l	97
22) Diisopropyl ether	3.757	45	40466	19.050	ug/l	92
23) Vinyl Acetate	3.721	43	193583	96.409	ug/l	100
24) 1,1-Dichloroethane	3.611	63	23459	19.227	ug/l	99
25) 2-Butanone	4.544	43	47110	98.203	ug/l	99
26) 2,2-Dichloropropane	4.477	77	19161	17.999	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	14009	18.860	ug/l	99
28) Bromochloromethane	4.897	49	10621	19.033	ug/l	97
29) Tetrahydrofuran	4.995	42	30684	96.162	ug/l	99
30) Chloroform	5.092	83	25529	19.544	ug/l	100
31) Cyclohexane	5.476	56	19643	19.120	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	21229	18.908	ug/l	96
36) 1,1-Dichloropropene	5.690	75	17807	20.542	ug/l	97
37) Ethyl Acetate	4.708	43	20059	20.378	ug/l	97
38) Carbon Tetrachloride	5.678	117	19221	19.700	ug/l	96
39) Methylcyclohexane	7.379	83	19240	20.034	ug/l	98
40) Benzene	6.037	78	49457	20.661	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	10381	20.570	ug/l	93
42) 1,2-Dichloroethane	6.086	62	20549	21.215	ug/l	99
43) Isopropyl Acetate	6.336	43	30681	19.849	ug/l	96
44) Trichloroethene	7.123	130	11294	19.685	ug/l	100
45) 1,2-Dichloropropane	7.433	63	11520	20.513	ug/l	100
46) Dibromomethane	7.580	93	9445	21.235	ug/l	98
47) Bromodichloromethane	7.818	83	18332	20.171	ug/l	99
48) Methyl methacrylate	7.689	41	14917	21.114	ug/l	95
49) 1,4-Dioxane	7.653	88	5119	429.326	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	103327	107.790	ug/l	96
52) Toluene	8.714	92	30685	21.494	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	19321	20.550	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	20593	21.179	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	12182	20.954	ug/l	94
56) Ethyl methacrylate	9.116	69	20064	20.648	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	20724	20.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	50721	99.455	ug/l	96
59) 2-Hexanone	9.427	43	80005	107.739	ug/l	96
60) Dibromochloromethane	9.518	129	14245	20.852	ug/l	99
61) 1,2-Dibromoethane	9.610	107	12777	20.813	ug/l	98
64) Tetrachloroethene	9.275	164	10847	19.967	ug/l	96
65) Chlorobenzene	10.079	112	30620	18.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	10527	18.702	ug/l	97
67) Ethyl Benzene	10.189	91	57263	19.330	ug/l	96
68) m/p-Xylenes	10.299	106	42001	38.725	ug/l	97
69) o-Xylene	10.640	106	19513	18.728	ug/l	98
70) Styrene	10.652	104	32549	18.661	ug/l	99
71) Bromoform	10.799	173	8303	18.060	ug/l #	98
73) Isopropylbenzene	10.963	105	52000	17.703	ug/l	99
74) N-amyl acetate	10.841	43	24574	16.992	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	17437	17.535	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	14208m	17.006	ug/l	
77) Bromobenzene	11.195	156	12451	17.512	ug/l	96
78) n-propylbenzene	11.305	91	63140	17.433	ug/l	99
79) 2-Chlorotoluene	11.360	91	37355	17.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	44658	18.135	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5352	16.261	ug/l #	91
82) 4-Chlorotoluene	11.451	91	44613	17.020	ug/l	99
83) tert-Butylbenzene	11.713	119	45465	18.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	46246	18.660	ug/l	98
85) sec-Butylbenzene	11.890	105	59418	18.918	ug/l	99
86) p-Isopropyltoluene	12.006	119	49761	19.107	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	25520	18.795	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	26252	18.206	ug/l	98
89) n-Butylbenzene	12.329	91	49921	19.008	ug/l	95
90) Hexachloroethane	12.536	117	8434	18.598	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	24915	18.677	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4783	19.264	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	17824	18.800	ug/l	96
94) Hexachlorobutadiene	13.725	225	6774	18.127	ug/l	99
95) Naphthalene	13.774	128	56433	18.815	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16831	18.069	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC020

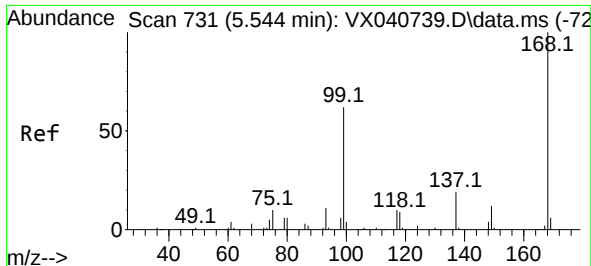
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/25/2024

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



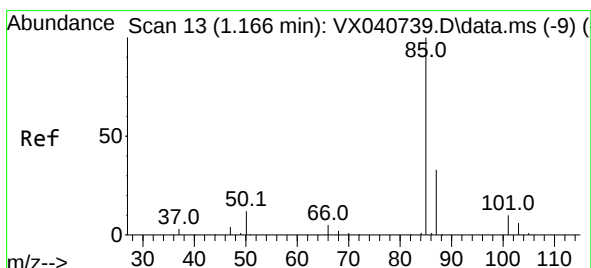
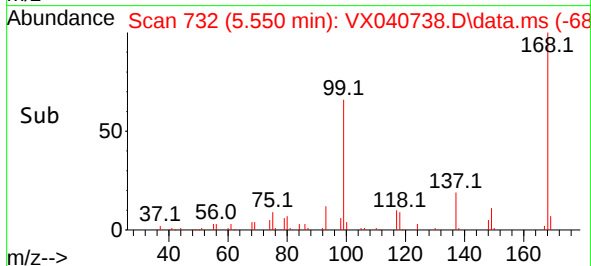
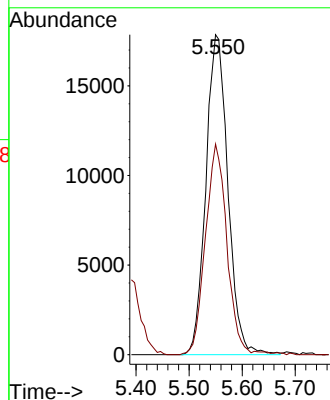
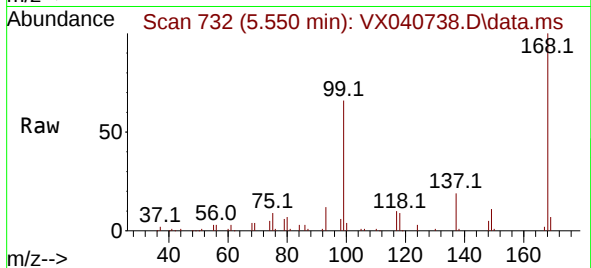
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 5142
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0

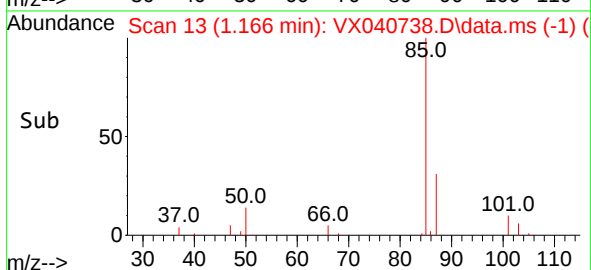
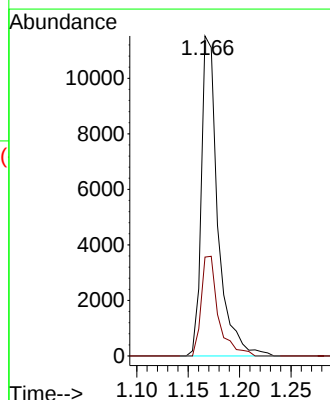
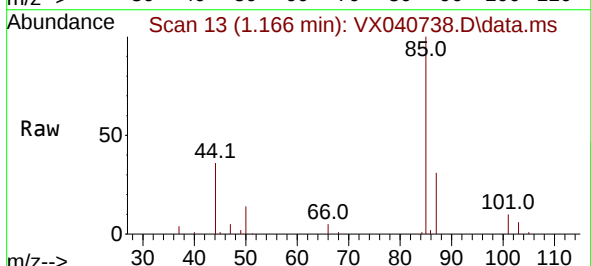
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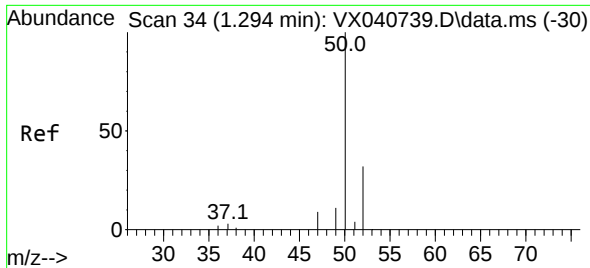
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#2
Dichlorodifluoromethane
Concen: 19.399 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 85 Resp: 12910
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1





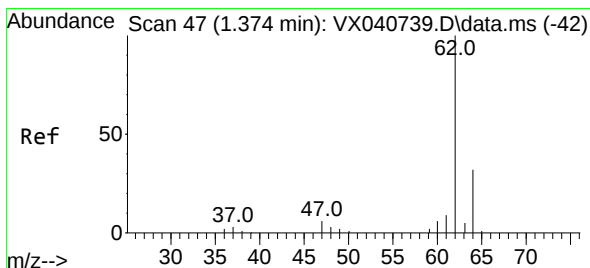
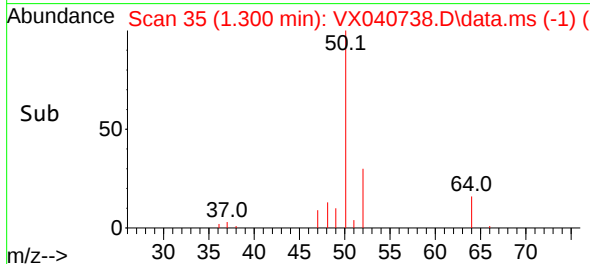
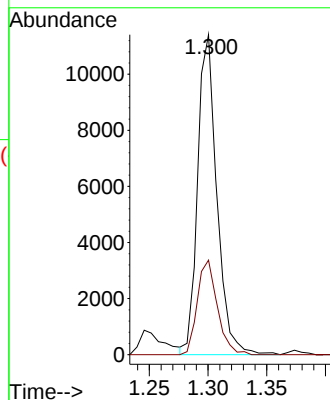
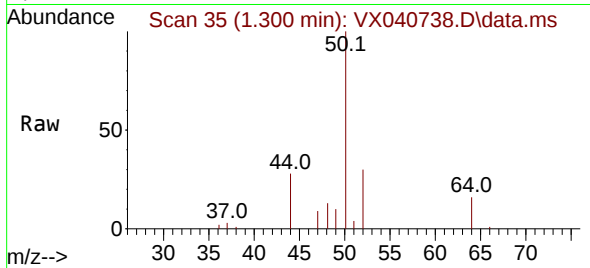
#3
Chloromethane
Concen: 19.124 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 1301
Ion Ratio Lower Upper
50 100
52 29.5 25.5 38.3

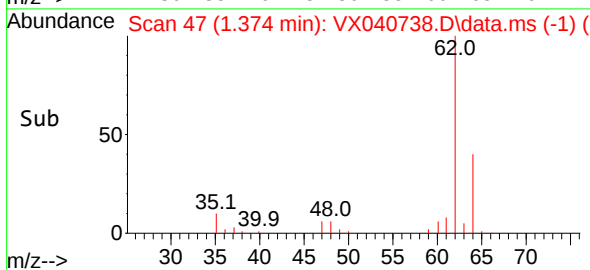
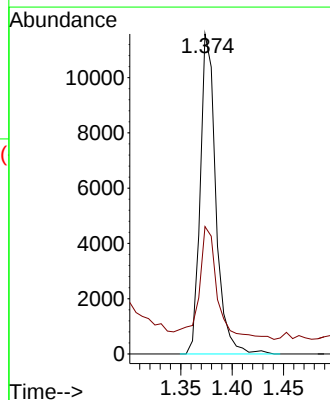
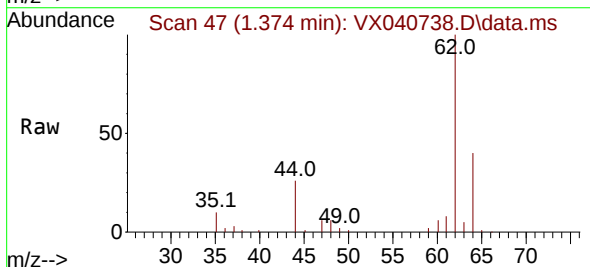
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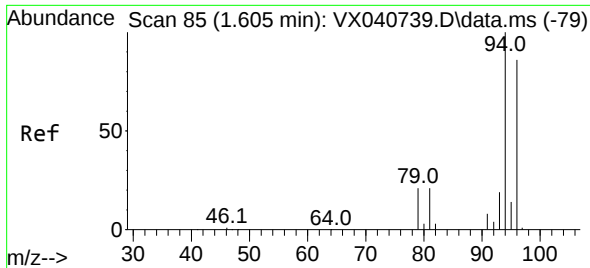
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#4
Vinyl Chloride
Concen: 19.048 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 62 Resp: 12277
Ion Ratio Lower Upper
62 100
64 34.8 25.4 38.0





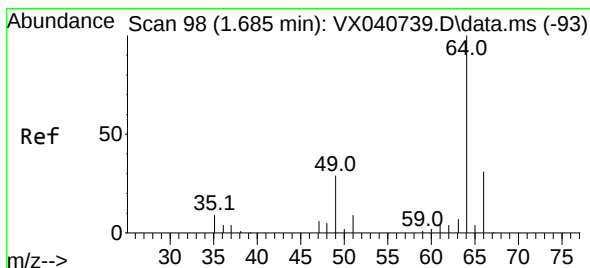
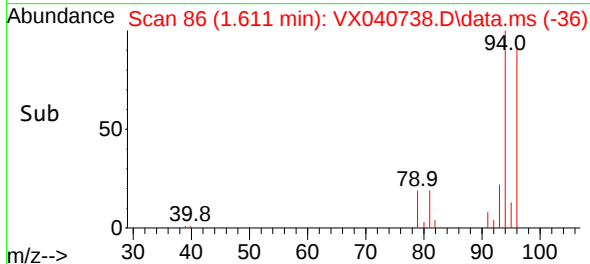
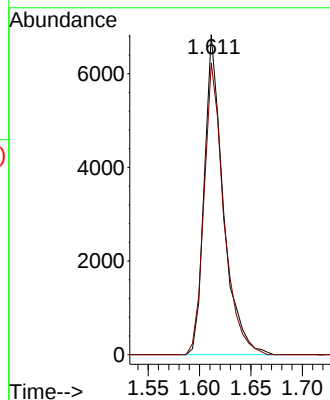
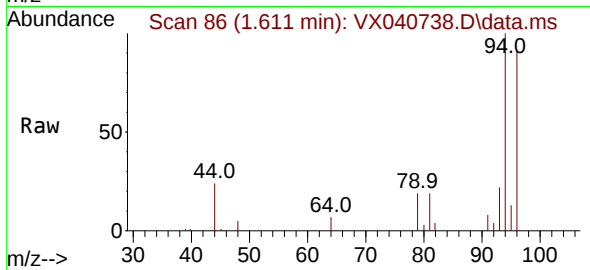
#5
Bromomethane
Concen: 20.139 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 8750
Ion Ratio Lower Upper
94 100
96 91.2 74.6 111.8

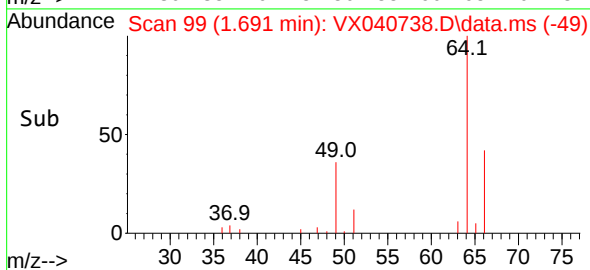
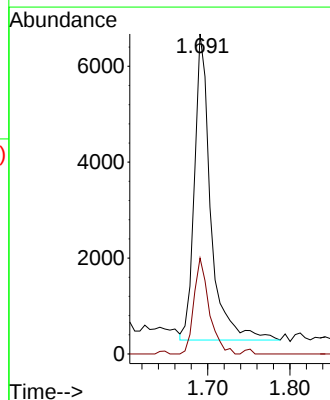
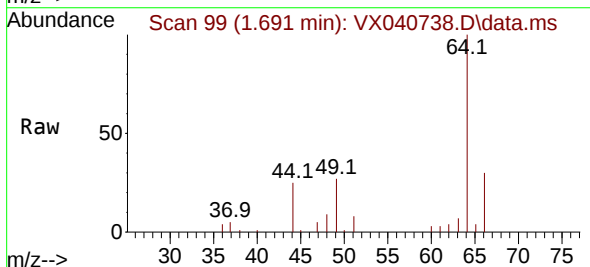
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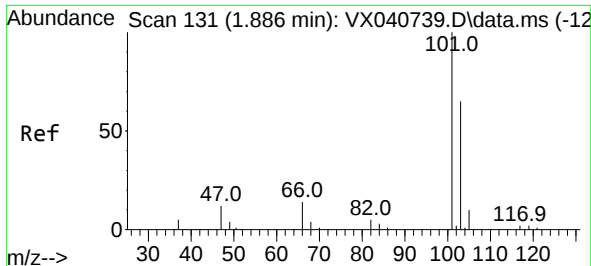
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#6
Chloroethane
Concen: 19.359 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040738.D
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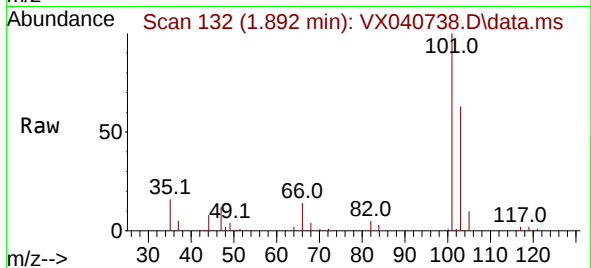
Tgt Ion: 64 Resp: 8770
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.172 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

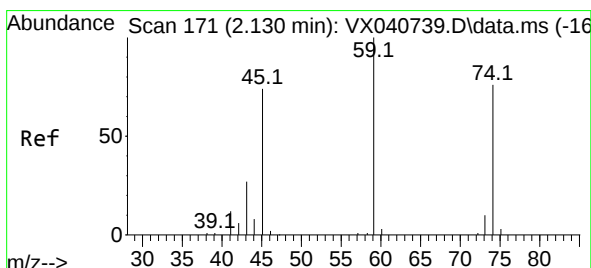
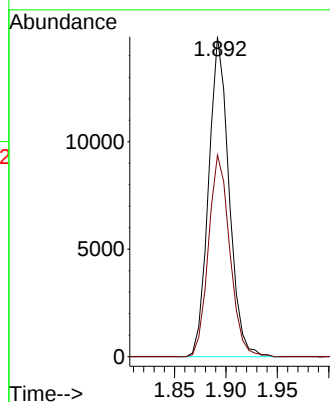
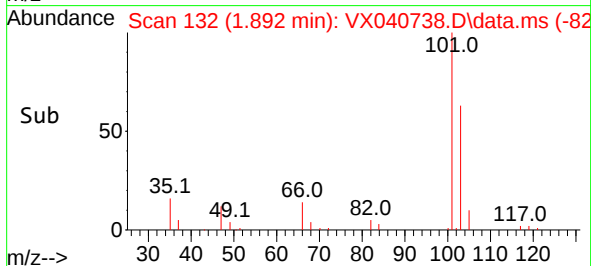
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 2049
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

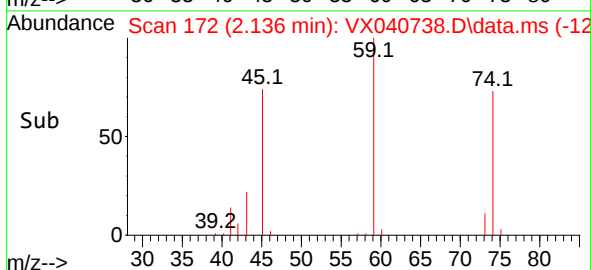
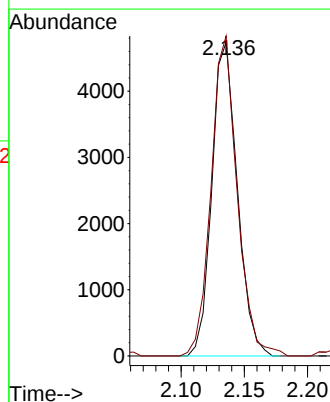
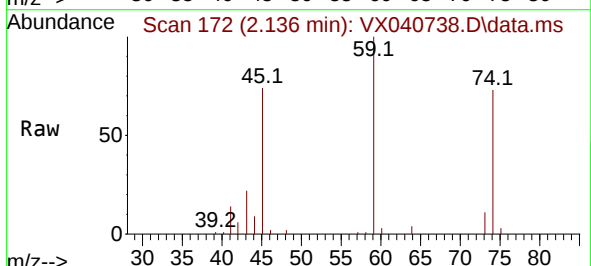
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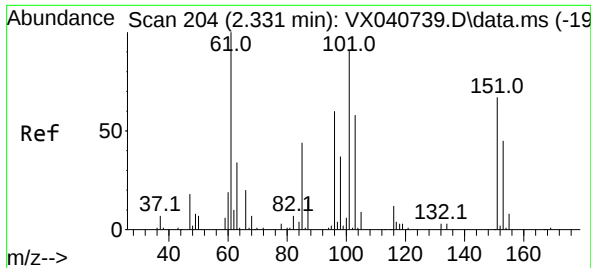
Reviewed By :John Carlone 03/25/2024
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#8
Diethyl Ether
Concen: 18.271 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 74 Resp: 6623
Ion Ratio Lower Upper
74 100
45 104.6 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.073 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :

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VSTDICC020

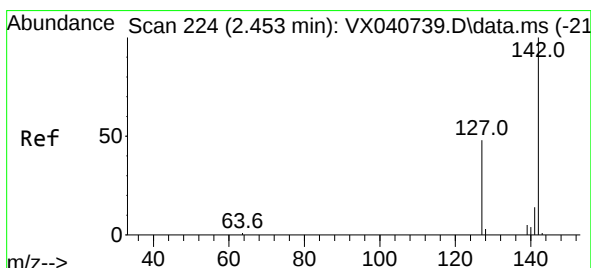
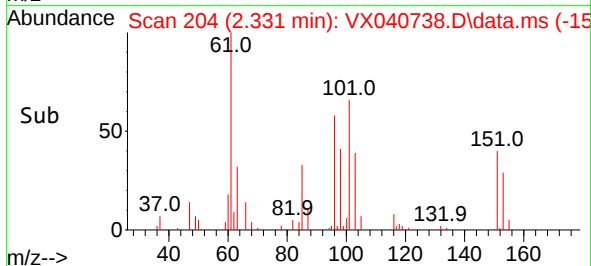
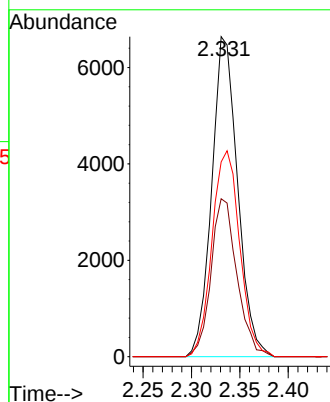
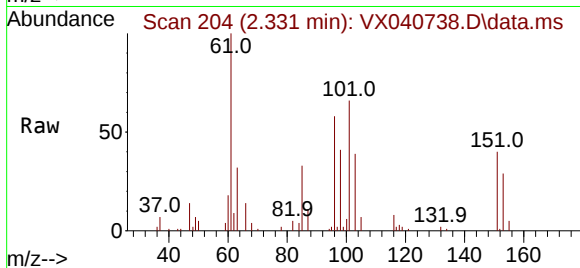
Tgt Ion:101 Resp: 12369
Ion Ratio Lower Upper
101 100
85 49.6 37.0 55.6
151 68.9 58.6 87.8

Manual Integrations

APPROVED

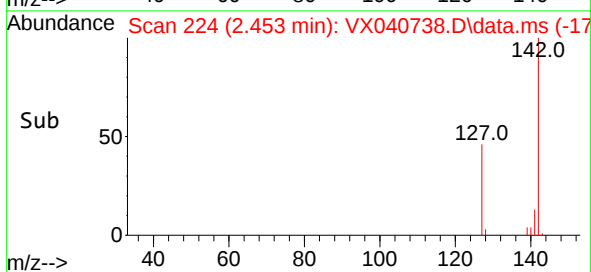
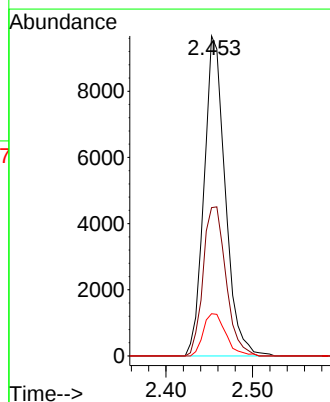
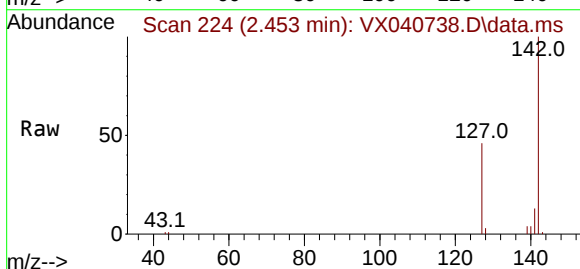
Reviewed By :John Carlone 03/25/2024

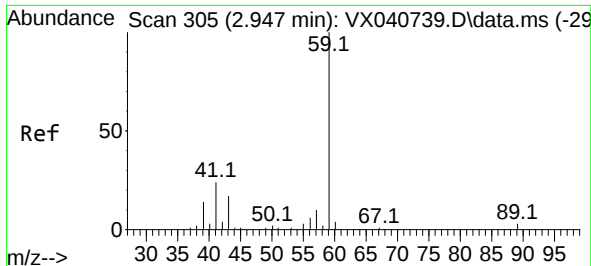
Supervised By :Mahesh Dadoda 03/25/2024



#10
Methyl Iodide
Concen: 19.151 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion:142 Resp: 16443
Ion Ratio Lower Upper
142 100
127 50.2 41.6 62.4
141 14.1 11.6 17.4





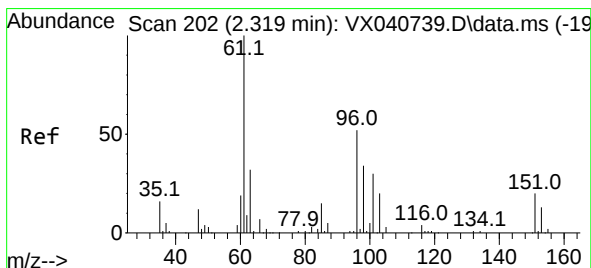
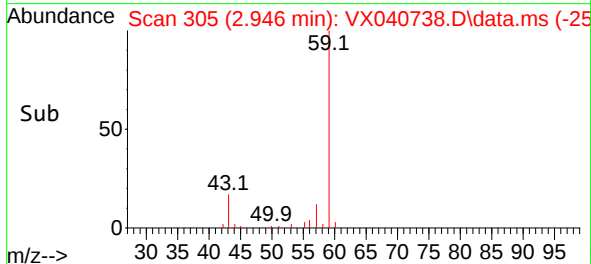
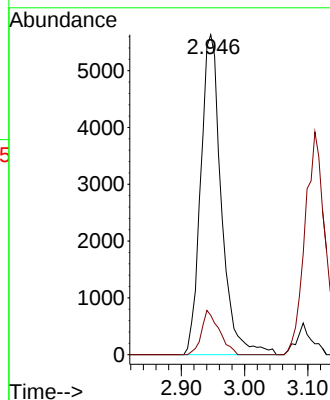
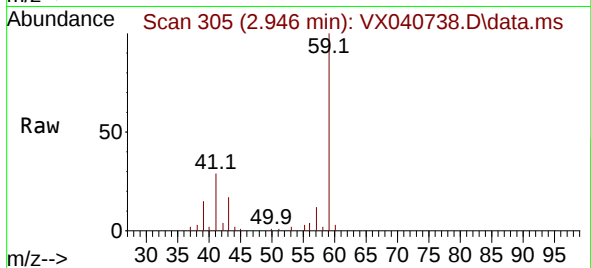
#11
Tert butyl alcohol
Concen: 92.716 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.001 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 12838
Ion Ratio Lower Upper
59 100
57 11.8 6.0 9.0

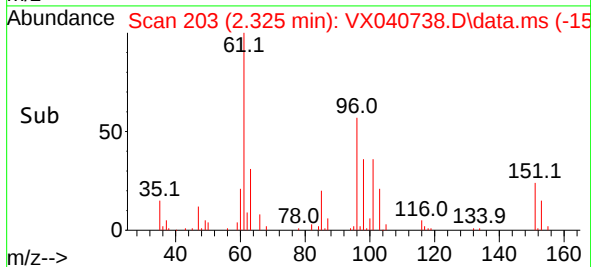
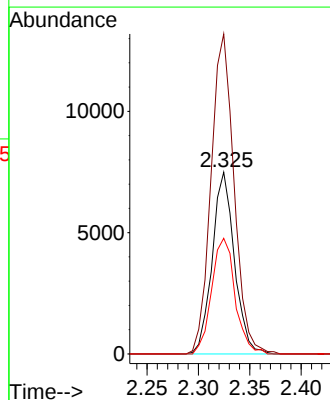
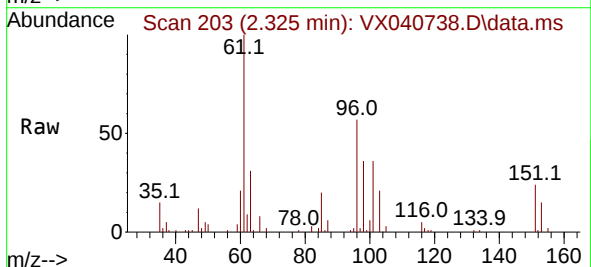
Manual Integrations
APPROVED

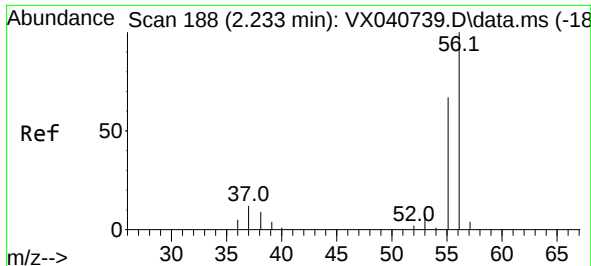
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#12
1,1-Dichloroethene
Concen: 18.539 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

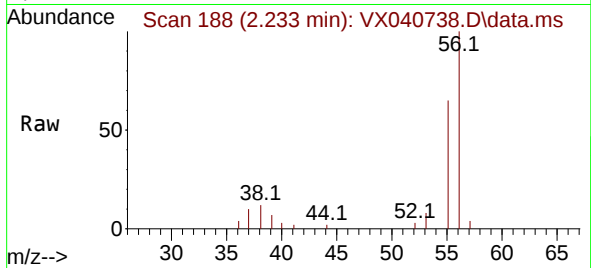
Tgt Ion: 96 Resp: 11261
Ion Ratio Lower Upper
96 100
61 176.1 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 86.683 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

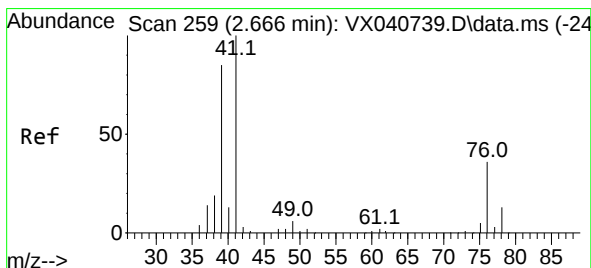
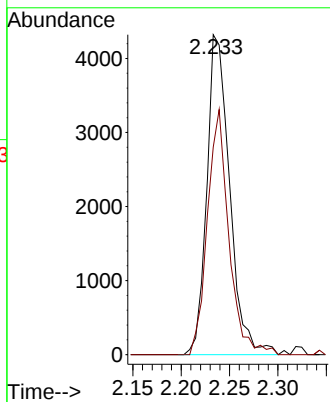
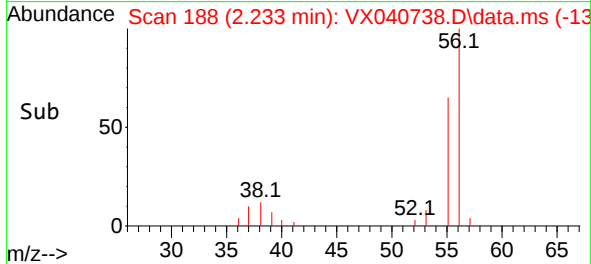
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



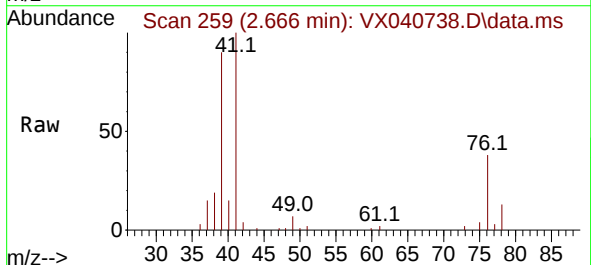
Tgt Ion: 56 Resp: 710
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7

Manual Integrations
APPROVED

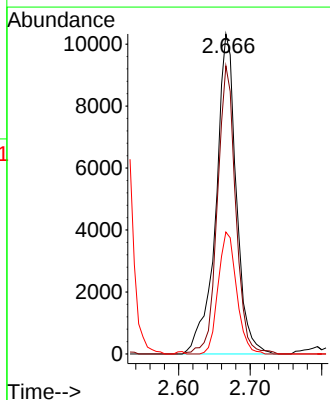
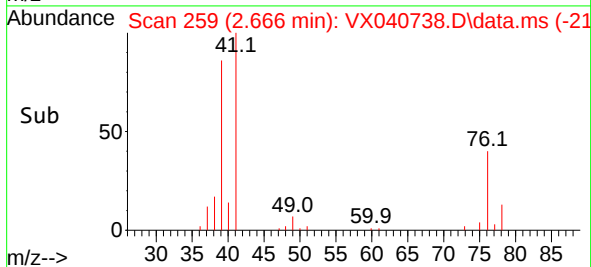
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

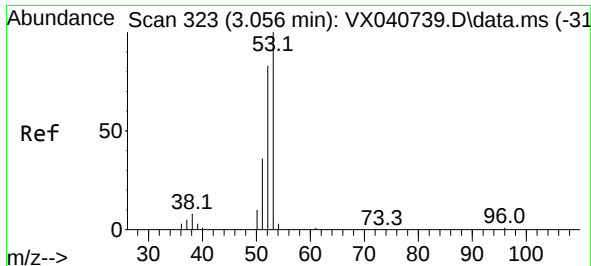


#14
Allyl chloride
Concen: 18.814 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



Tgt Ion: 41 Resp: 20481
Ion Ratio Lower Upper
41 100
39 80.5 55.8 83.6
76 34.3 24.3 36.5





#15

Acrylonitrile

Concen: 96.208 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

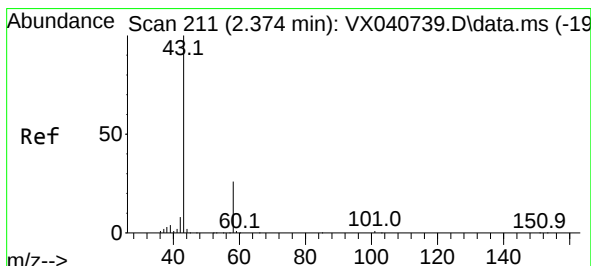
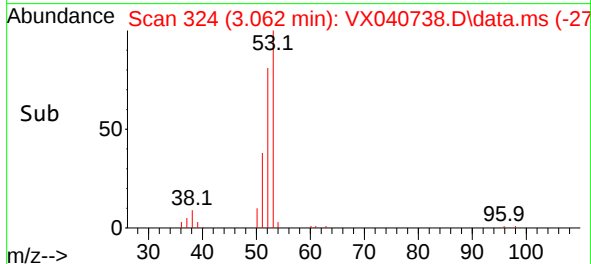
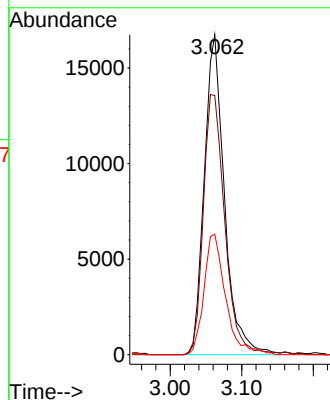
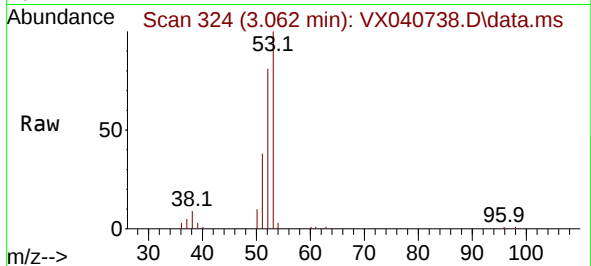
Tgt Ion: 53	Resp: 3288
Ion Ratio	Lower Upper
53 100	
52 86.2	66.0 99.0
51 40.2	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#16

Acetone

Concen: 95.535 ug/l

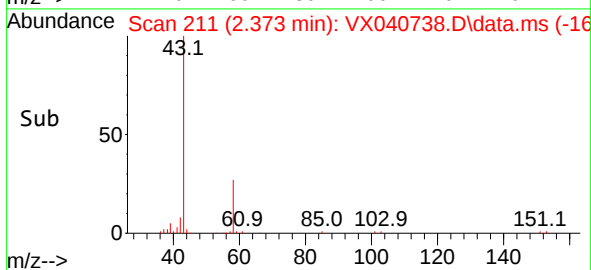
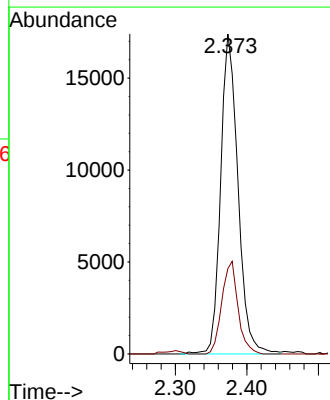
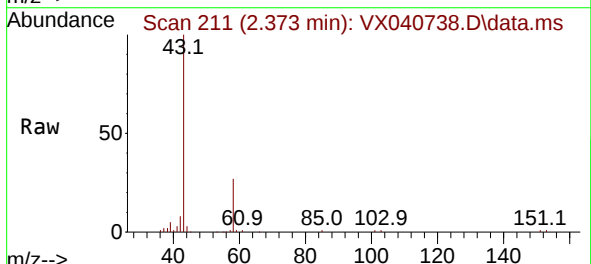
RT: 2.373 min Scan# 211

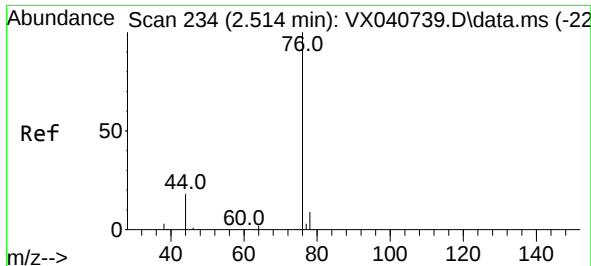
Delta R.T. -0.001 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

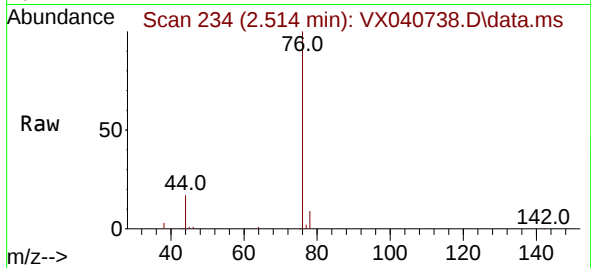
Tgt Ion: 43	Resp: 29260
Ion Ratio	Lower Upper
43 100	
58 26.7	21.9 32.9





#17
Carbon Disulfide
Concen: 18.777 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

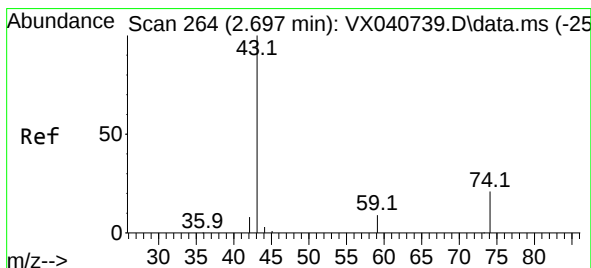
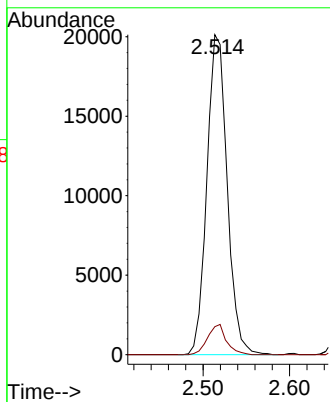
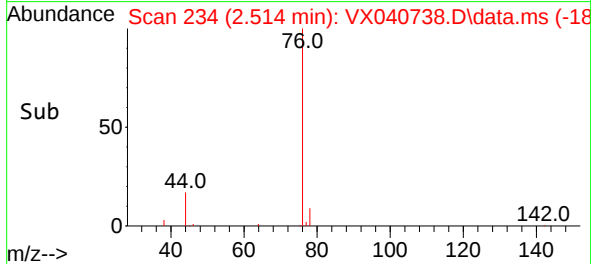
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



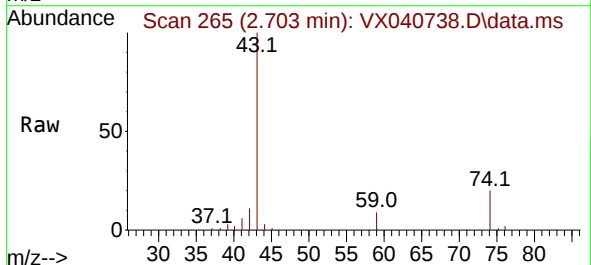
Tgt Ion: 76 Resp: 3276
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

Manual Integrations
APPROVED

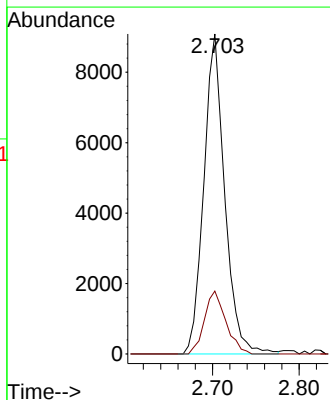
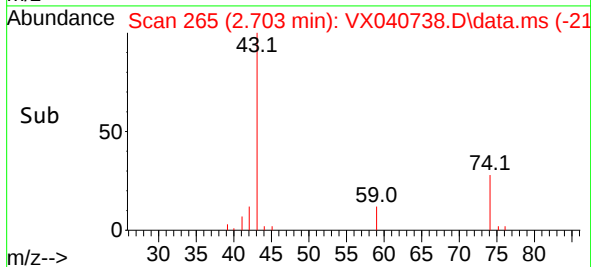
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

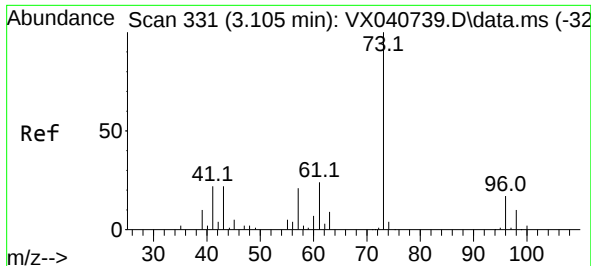


#18
Methyl Acetate
Concen: 18.569 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



Tgt Ion: 43 Resp: 15242
Ion Ratio Lower Upper
43 100
74 20.1 17.8 26.8





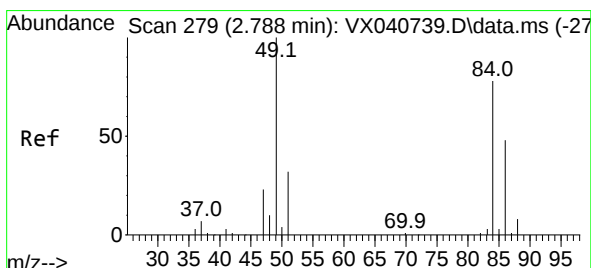
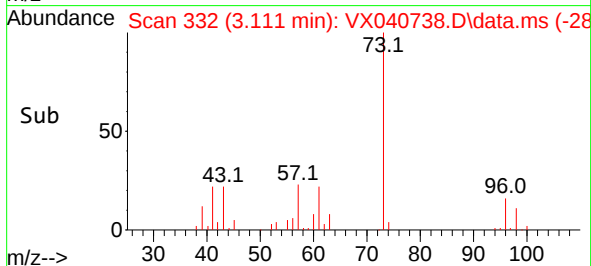
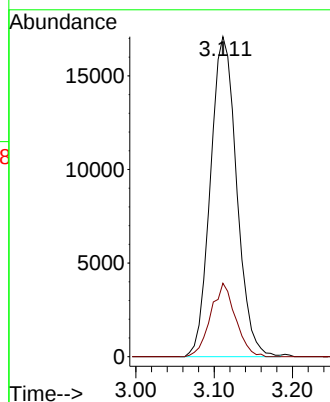
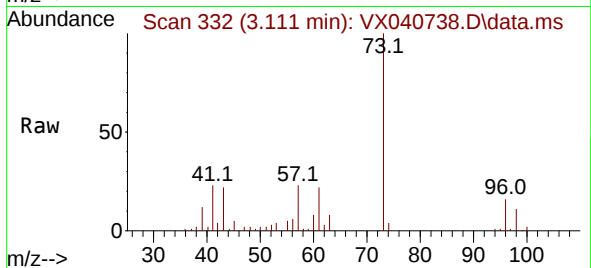
#19
Methyl tert-butyl Ether
Concen: 18.994 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 39820
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

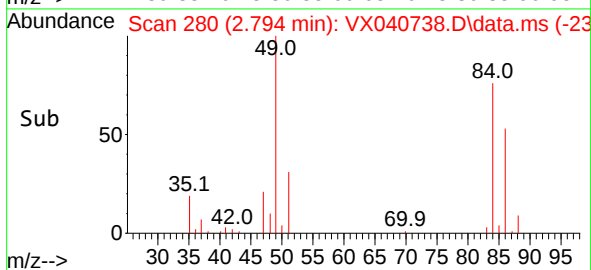
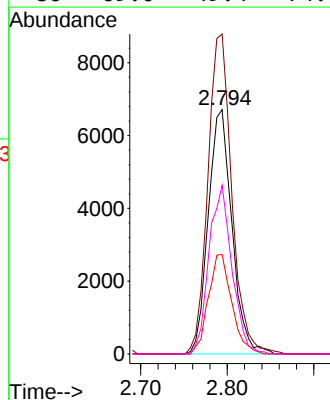
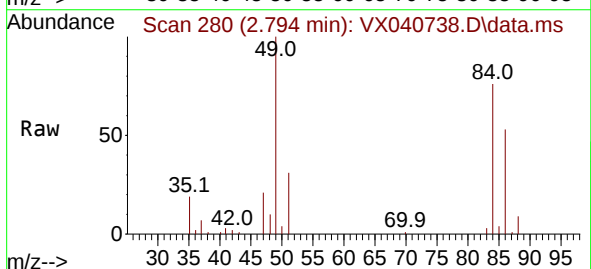
Manual Integrations
APPROVED

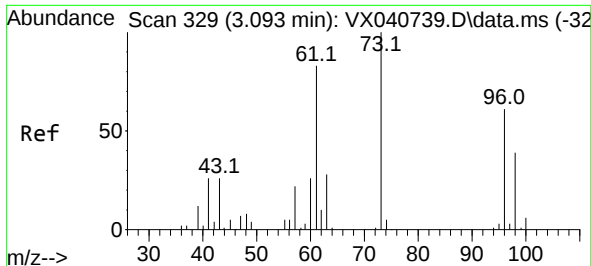
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#20
Methylene Chloride
Concen: 19.071 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

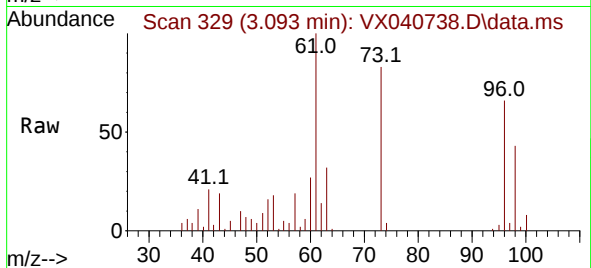
Tgt Ion: 84 Resp: 12768
Ion Ratio Lower Upper
84 100
49 131.0 103.6 155.4
51 40.8 33.8 50.6
86 69.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.775 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

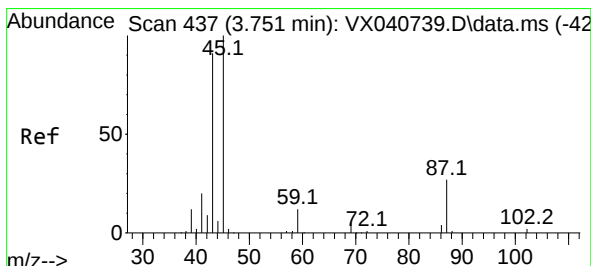
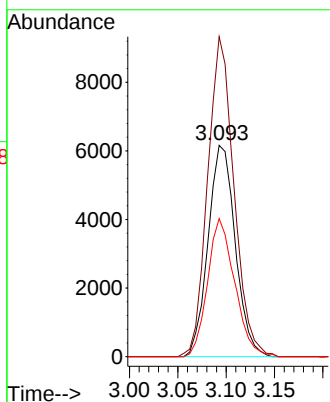
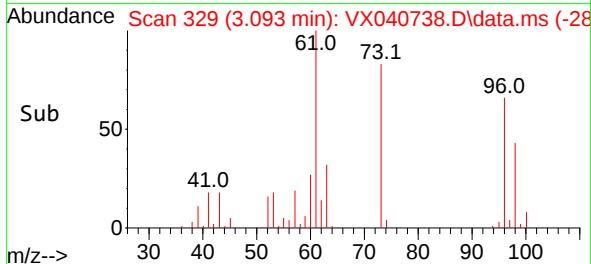
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



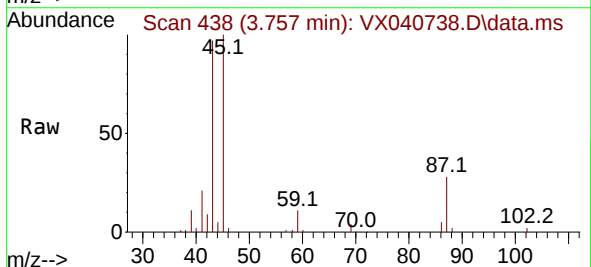
Tgt Ion: 96 Resp: 12039
Ion Ratio Lower Upper
96 100
61 151.4 119.2 178.8
98 65.3 48.7 73.1

Manual Integrations
APPROVED

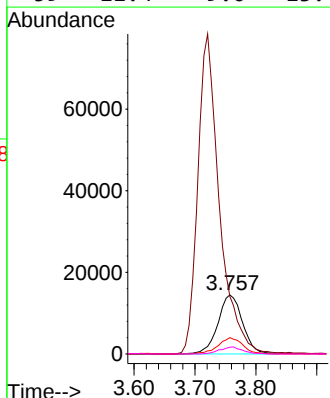
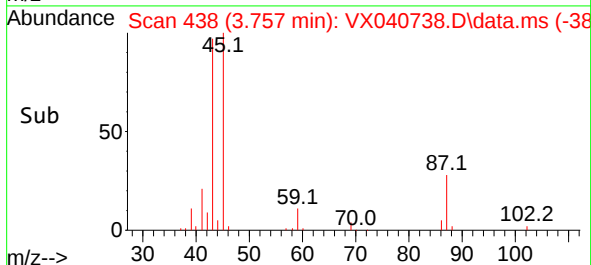
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

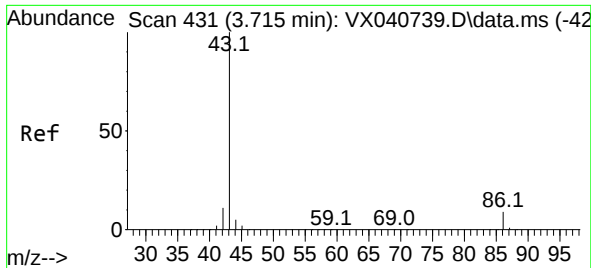


#22
Diisopropyl ether
Concen: 19.050 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



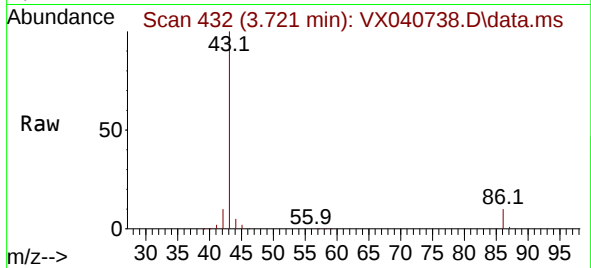
Tgt Ion: 45 Resp: 40466
Ion Ratio Lower Upper
45 100
43 96.3 69.7 104.5
87 27.7 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 96.409 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040738.D
 Acq: 21 Mar 2024 10:51

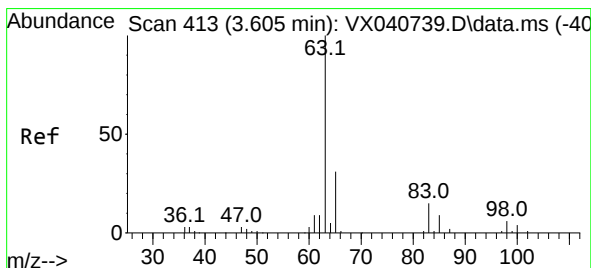
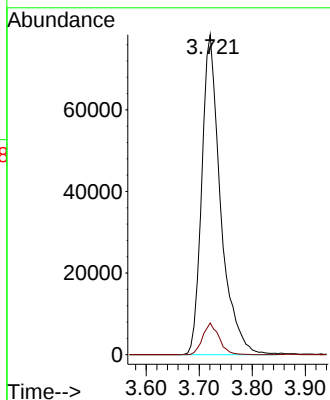
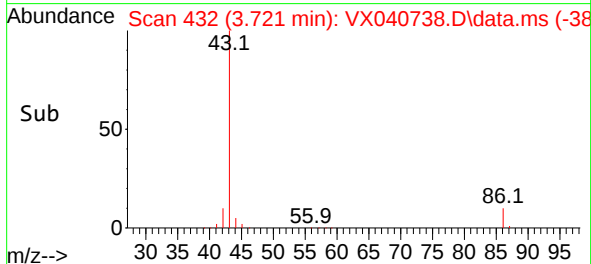
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 43 Resp: 19358
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

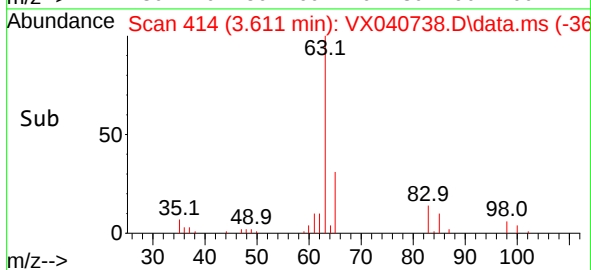
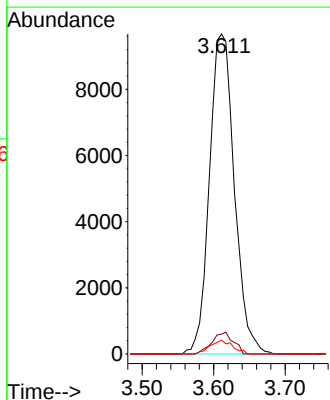
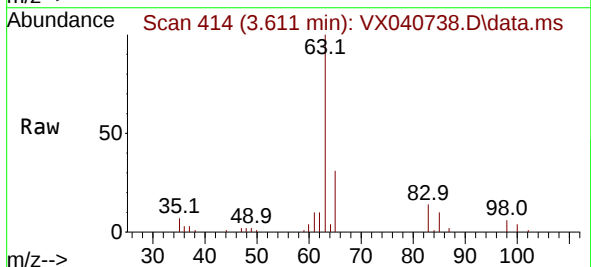
Manual Integrations
 APPROVED

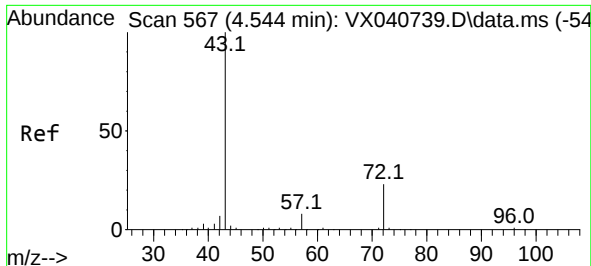
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024



#24
 1,1-Dichloroethane
 Concen: 19.227 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040738.D
 Acq: 21 Mar 2024 10:51

Tgt Ion: 63 Resp: 23459
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.3 2.1 6.5





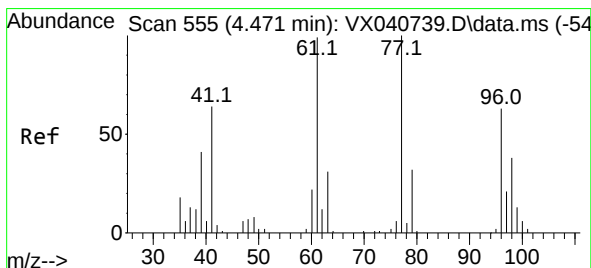
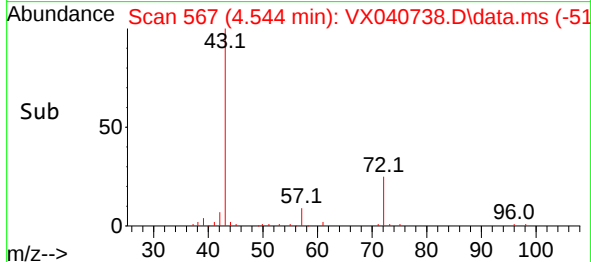
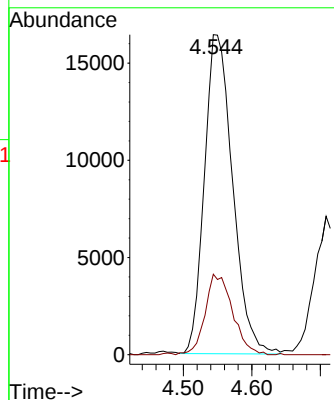
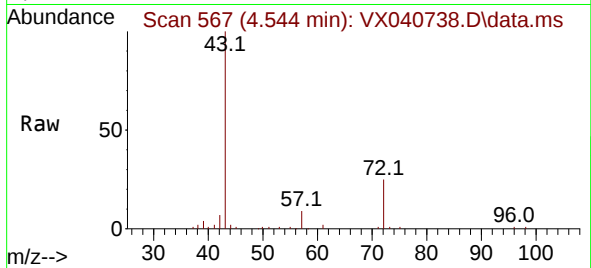
#25
2-Butanone
Concen: 98.203 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 47110
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

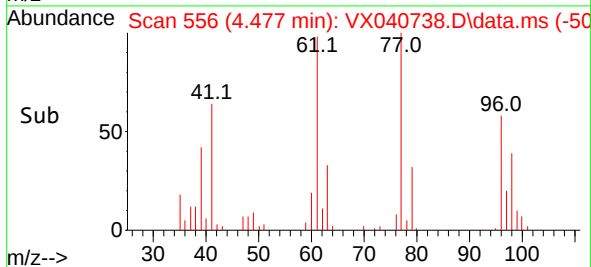
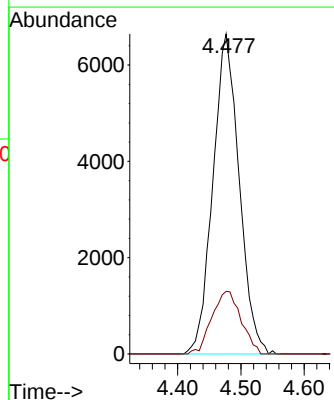
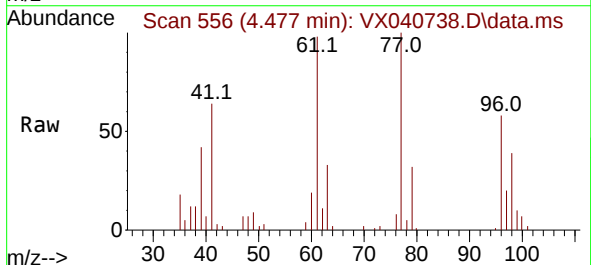
Manual Integrations
APPROVED

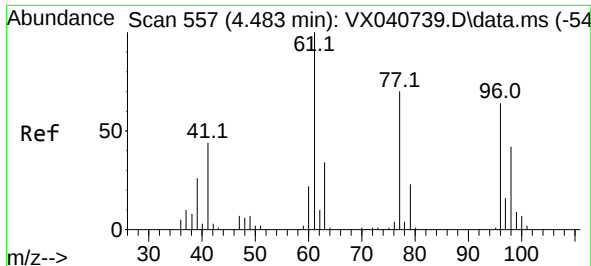
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#26
2,2-Dichloropropane
Concen: 17.999 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 77 Resp: 19161
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.860 ug/l

RT: 4.495 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 14009

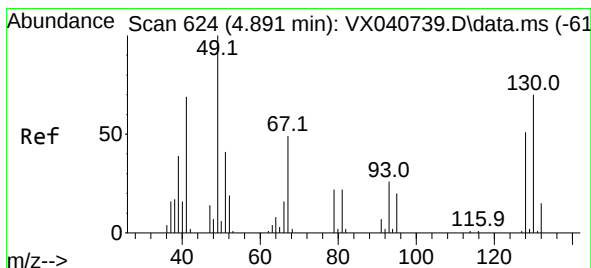
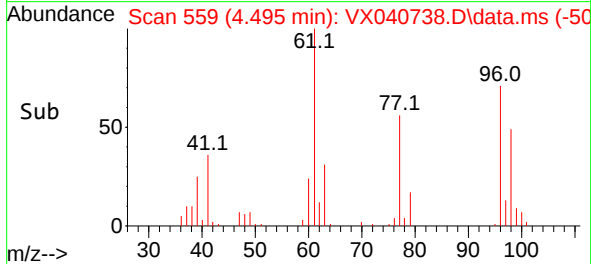
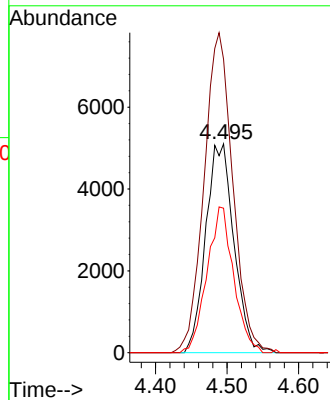
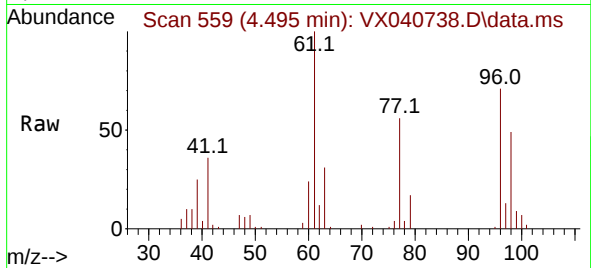
Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	312.2
98	65.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#28

Bromochloromethane

Concen: 19.033 ug/l

RT: 4.897 min Scan# 625

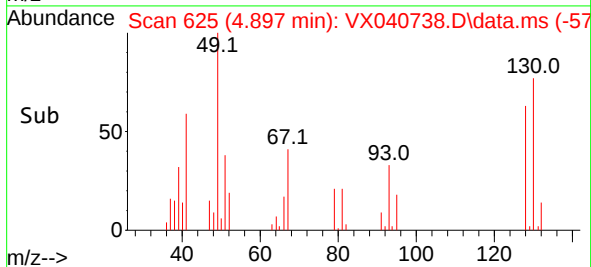
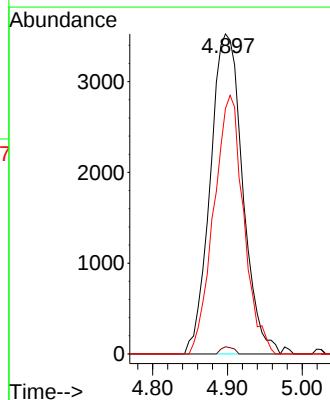
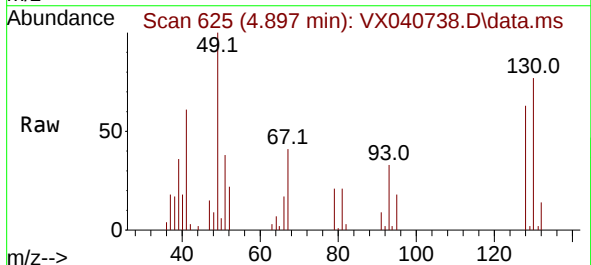
Delta R.T. 0.006 min

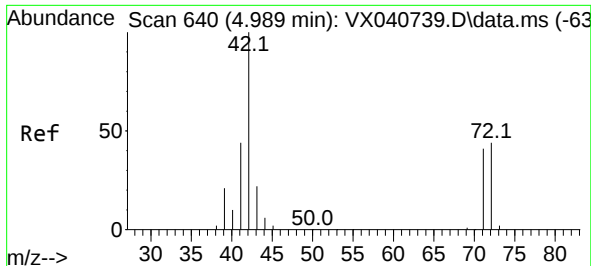
Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion: 49 Resp: 10621

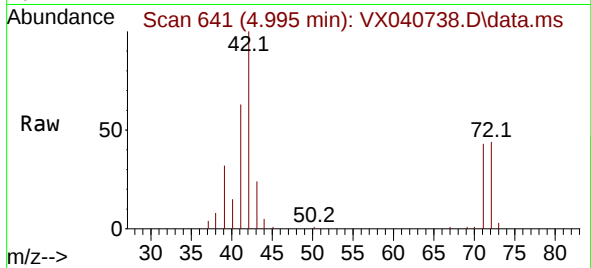
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	74.4	57.5	86.3





#29
Tetrahydrofuran
Concen: 96.162 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

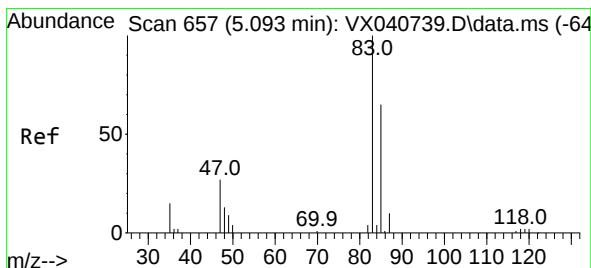
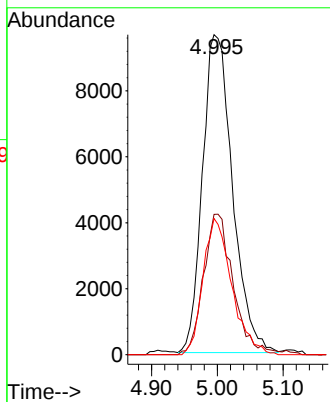
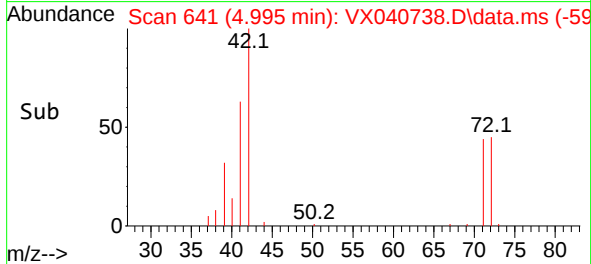
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 42 Resp: 30684
Ion Ratio Lower Upper
42 100
72 43.6 34.2 51.4
71 41.0 32.2 48.2

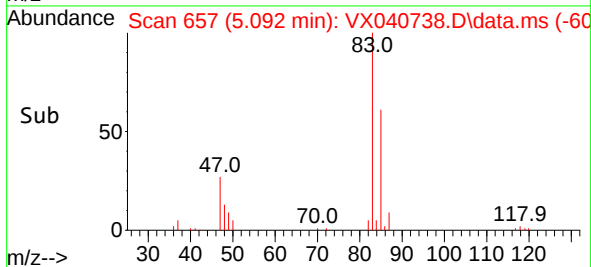
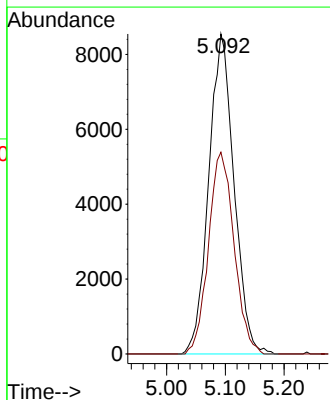
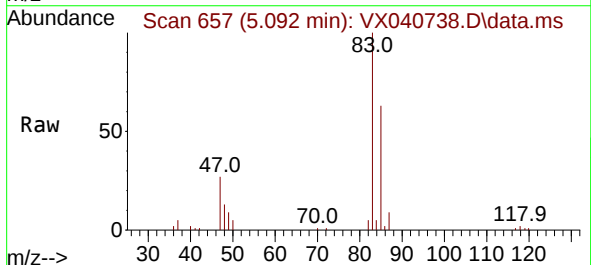
Manual Integrations
APPROVED

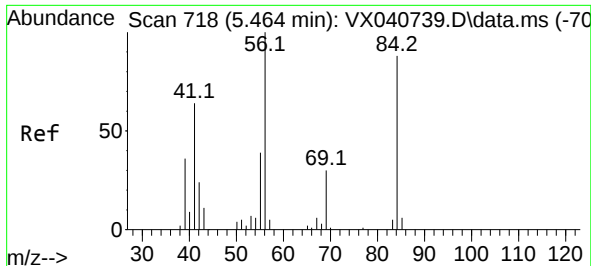
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#30
Chloroform
Concen: 19.544 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

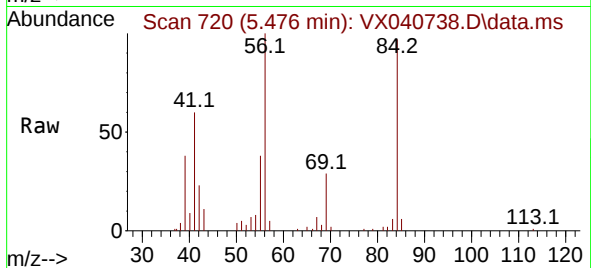
Tgt Ion: 83 Resp: 25529
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5





#31
Cyclohexane
Concen: 19.120 ug/l
RT: 5.476 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

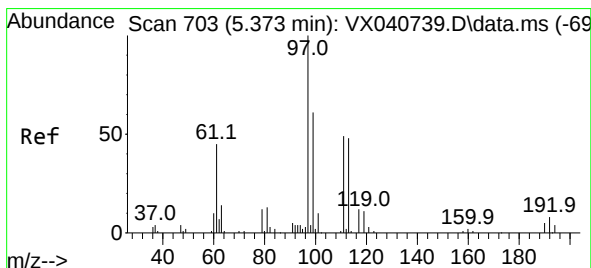
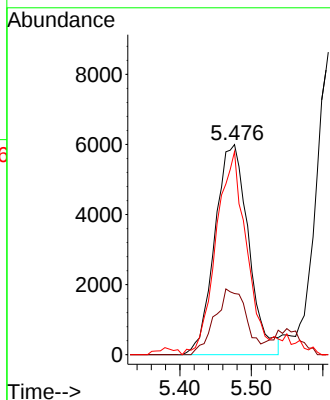
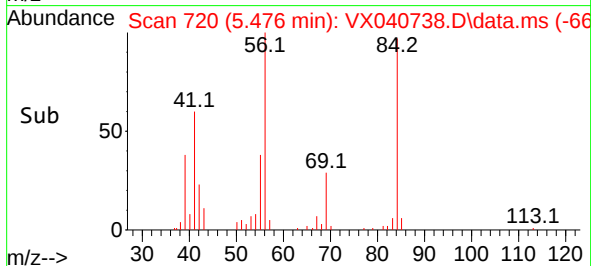
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 1964
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 94.3 65.9 98.9

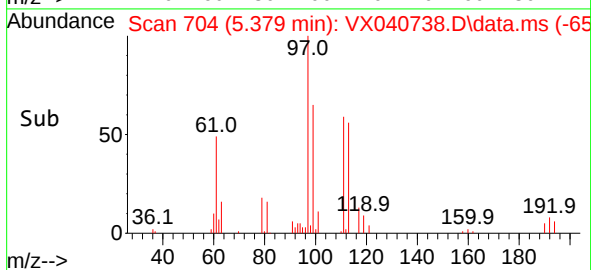
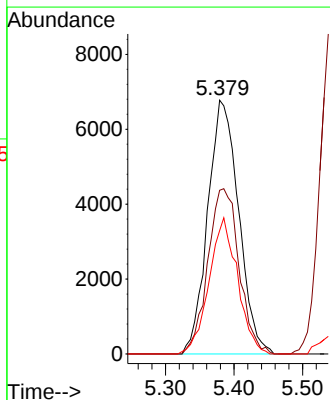
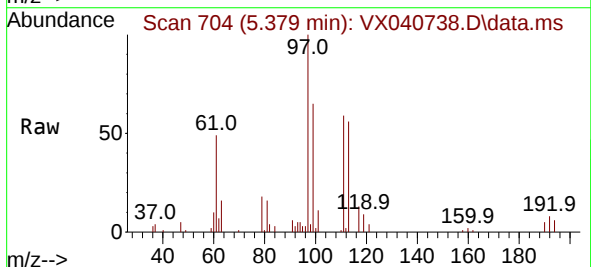
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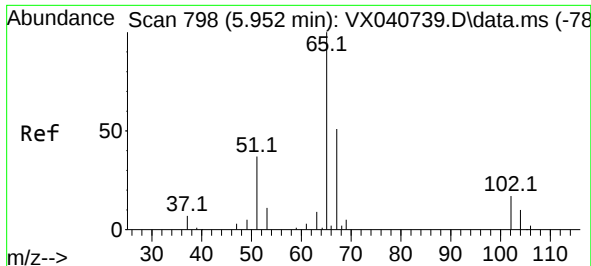
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#32
1,1,1-Trichloroethane
Concen: 18.908 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 97 Resp: 21229
Ion Ratio Lower Upper
97 100
99 65.8 51.1 76.7
61 49.6 36.4 54.6





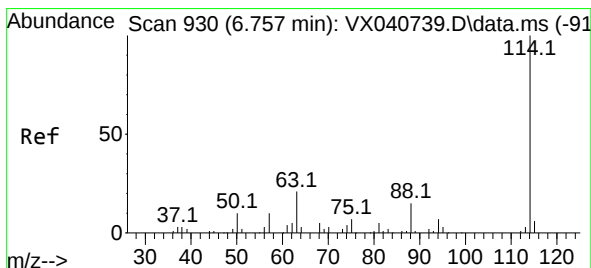
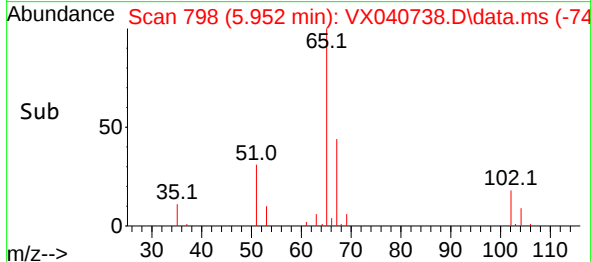
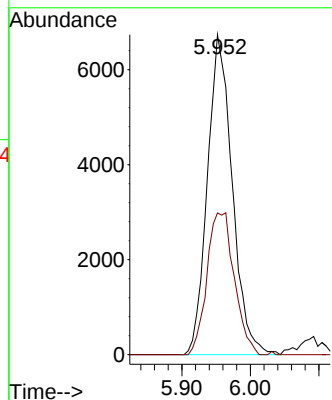
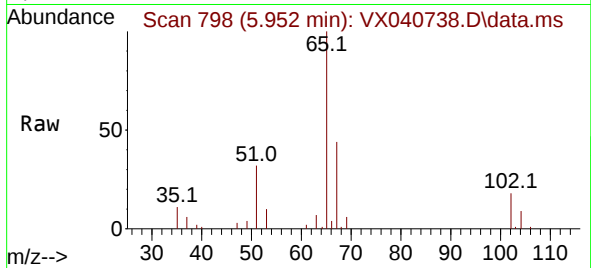
#33
1,2-Dichloroethane-d4
Concen: 19.624 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 1696
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.2

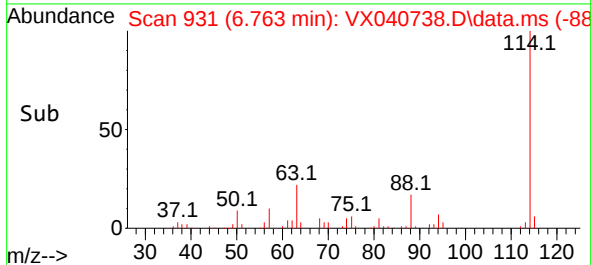
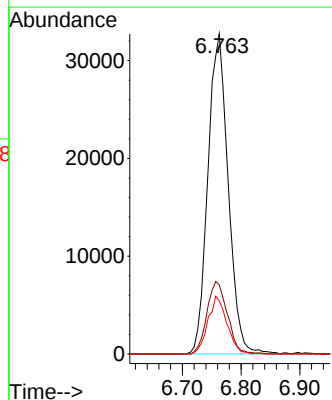
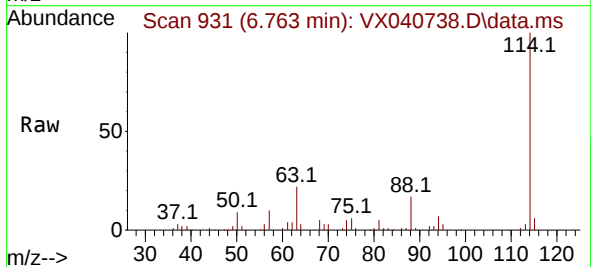
Manual Integrations
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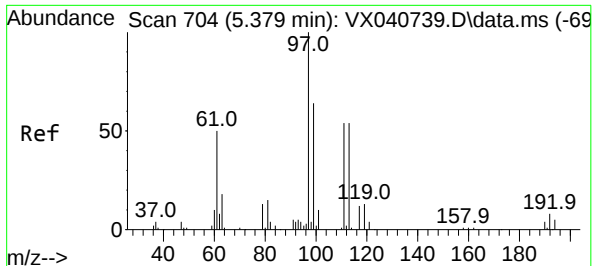
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

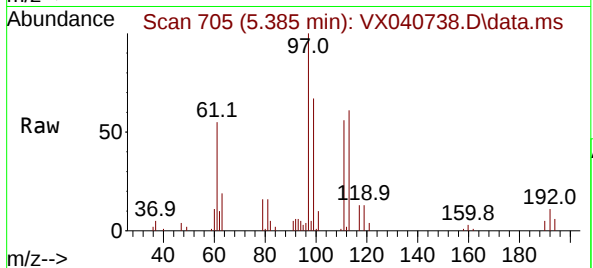
Tgt Ion:114 Resp: 78682
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 20.313 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

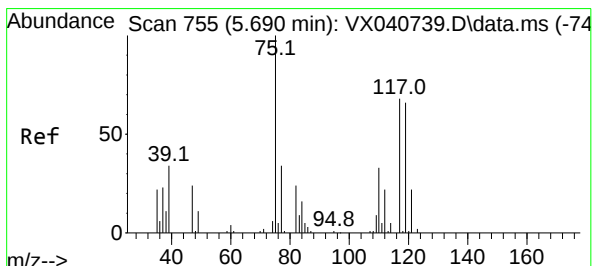
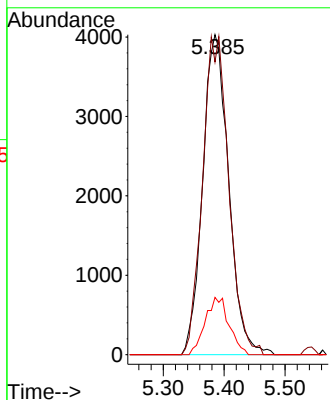
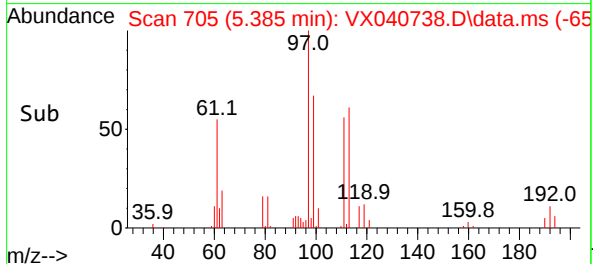
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 113 Resp: 1195
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 16.4 13.3 19.9

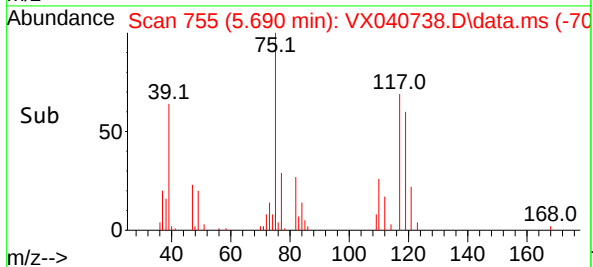
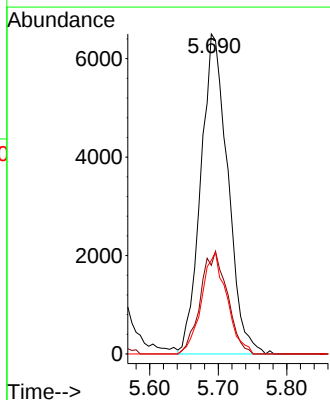
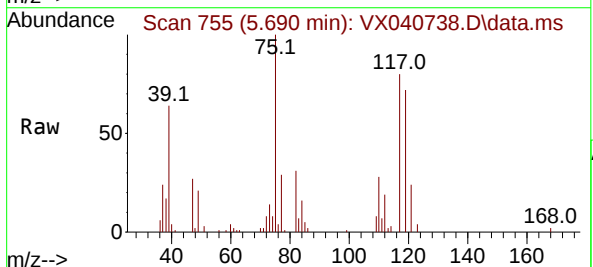
Manual Integrations
APPROVED

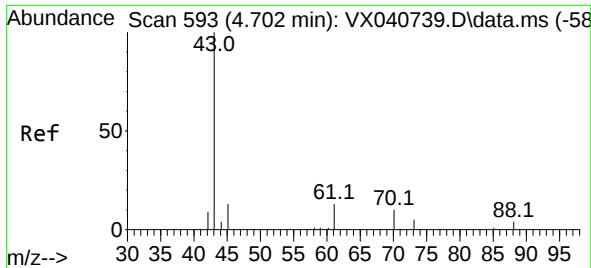
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#36
1,1-Dichloropropene
Concen: 20.542 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 75 Resp: 17807
Ion Ratio Lower Upper
75 100
110 32.0 17.0 50.9
77 29.8 24.7 37.1





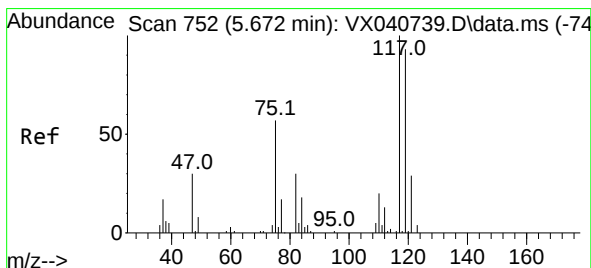
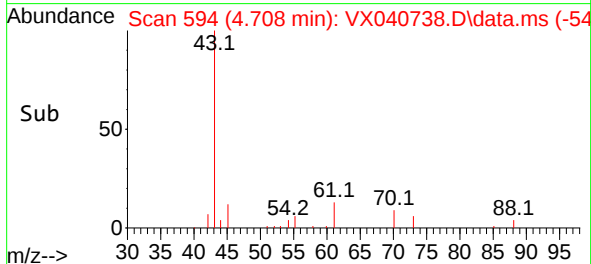
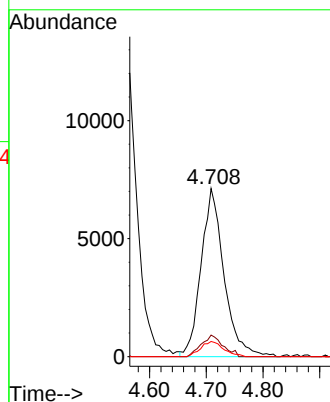
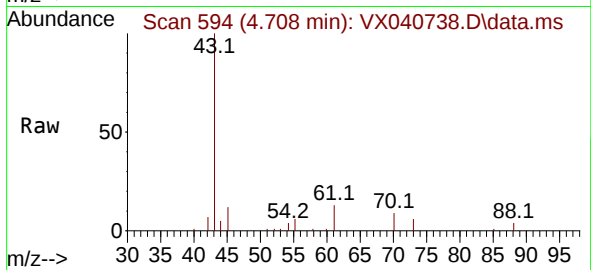
#37
Ethyl Acetate
Concen: 20.378 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 20059
Ion Ratio Lower Upper
43 100
61 12.0 10.6 16.0
70 9.0 8.3 12.5

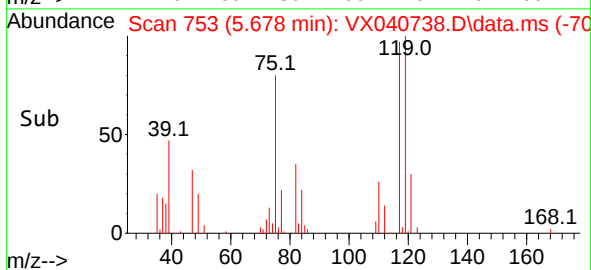
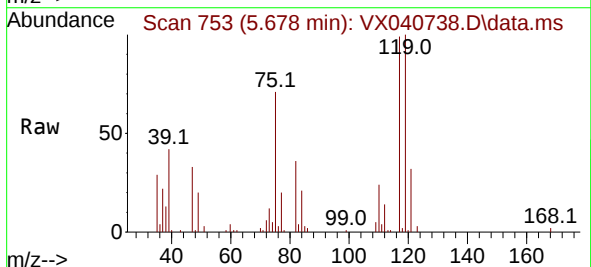
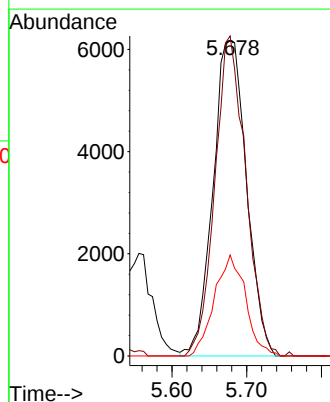
Manual Integrations
APPROVED

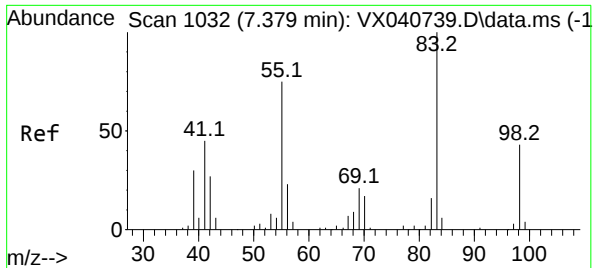
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#38
Carbon Tetrachloride
Concen: 19.700 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion:117 Resp: 19221
Ion Ratio Lower Upper
117 100
119 101.5 78.2 117.2
121 32.0 24.4 36.6





#39
Methylcyclohexane
Concen: 20.034 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

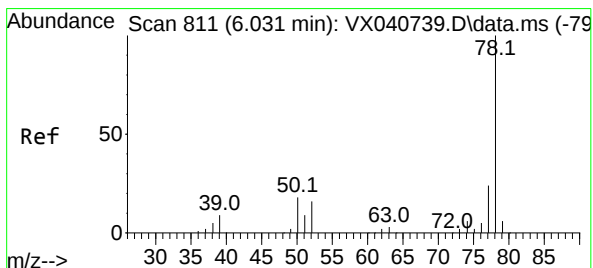
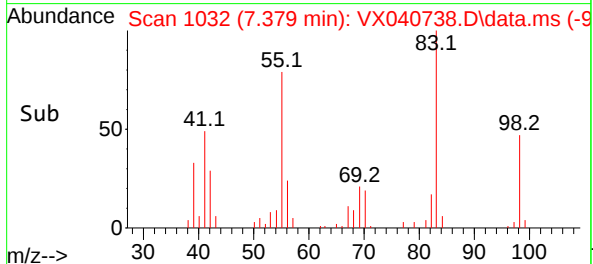
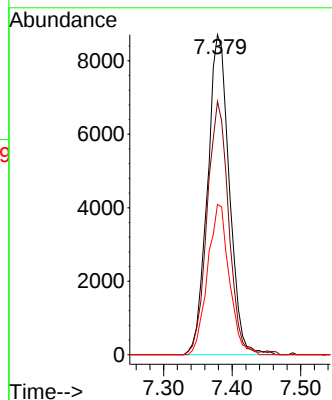
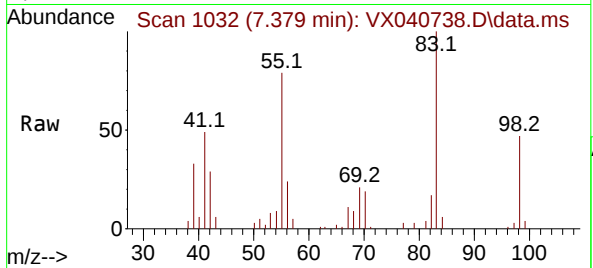
Tgt Ion: 83 Resp: 19240
Ion Ratio Lower Upper
83 100
55 79.2 64.6 97.0
98 46.9 36.7 55.1

Manual Integrations

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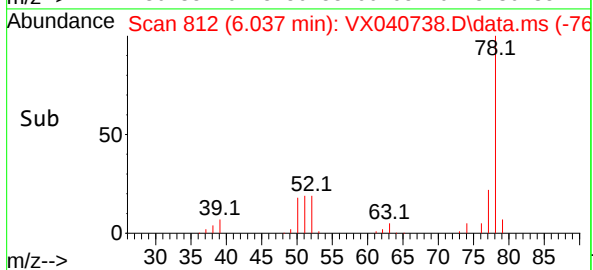
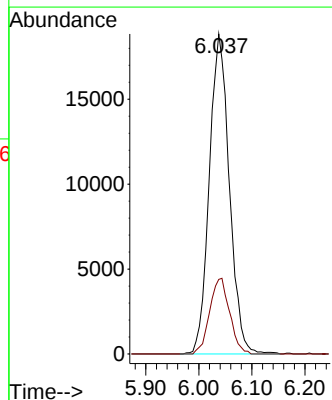
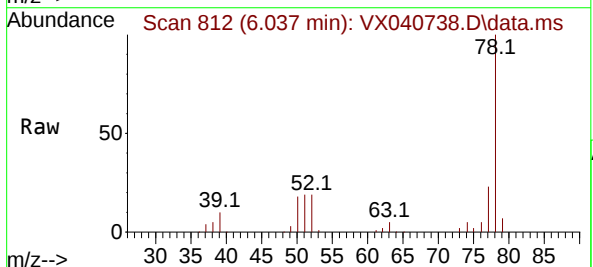
Reviewed By :John Carlone 03/25/2024

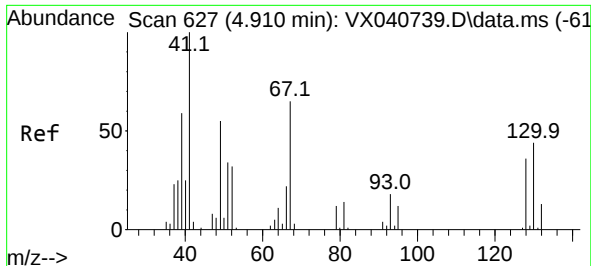
Supervised By :Mahesh Dadoda 03/25/2024



#40
Benzene
Concen: 20.661 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

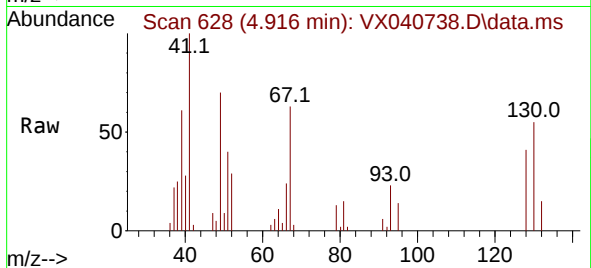
Tgt Ion: 78 Resp: 49457
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 20.570 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

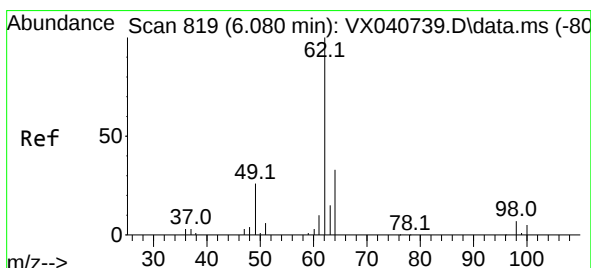
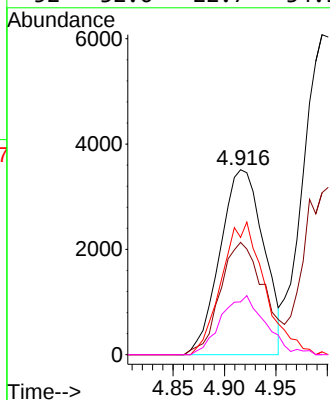
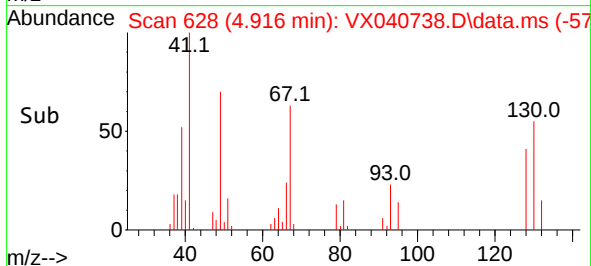
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41	Resp: 1038
Ion Ratio	Lower Upper
41	100
39	61.7 45.2 67.8
67	71.3 52.6 78.8
52	32.6 22.7 34.1

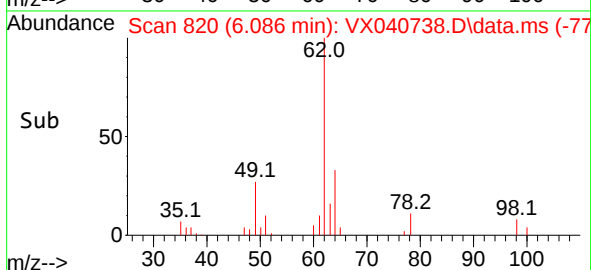
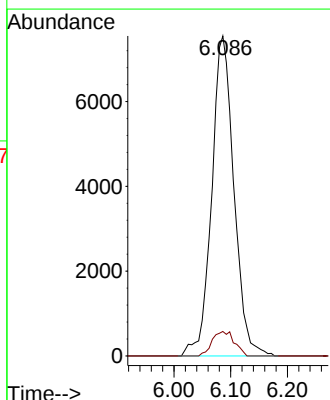
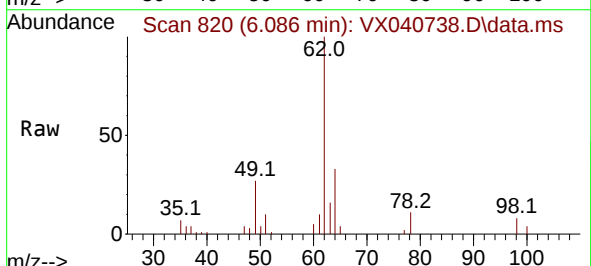
Manual Integrations
APPROVED

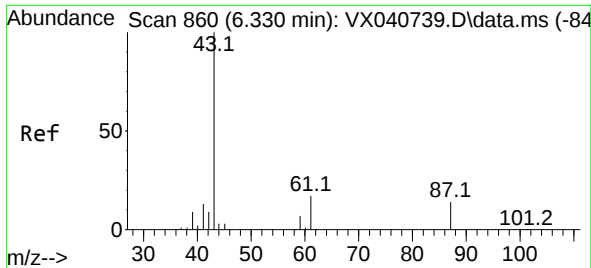
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#42
1,2-Dichloroethane
Concen: 21.215 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

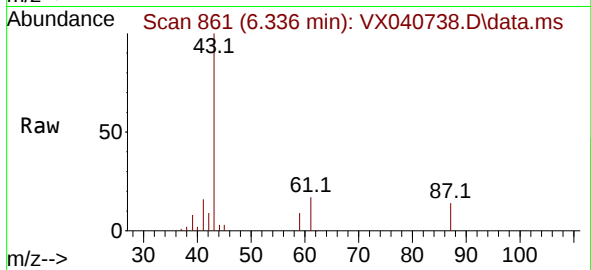
Tgt Ion: 62	Resp: 20549
Ion Ratio	Lower Upper
62	100
98	7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.849 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

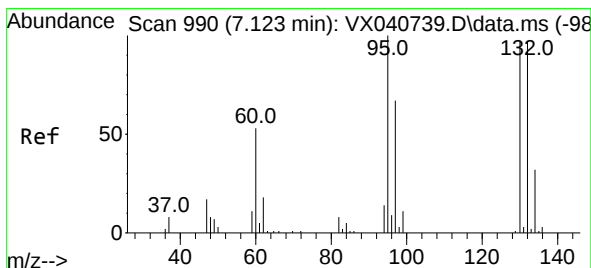
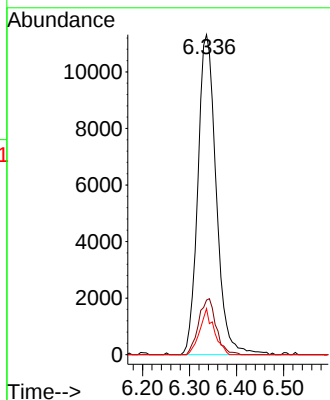
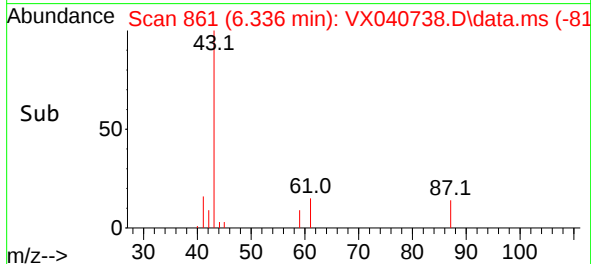
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
61 16.7 15.2 22.8
87 11.3 9.8 14.6

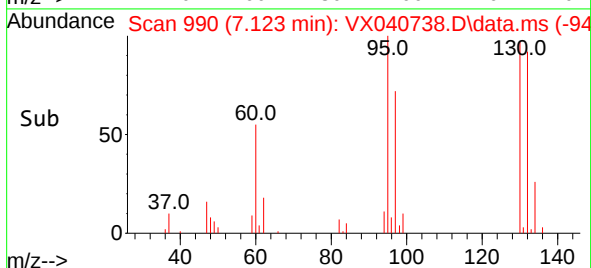
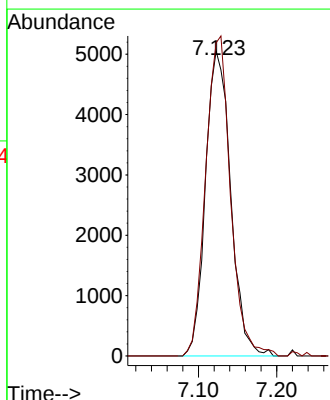
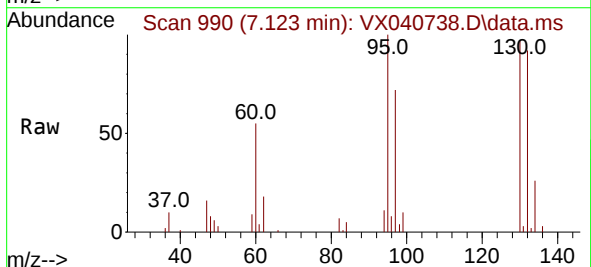
Manual Integrations
APPROVED

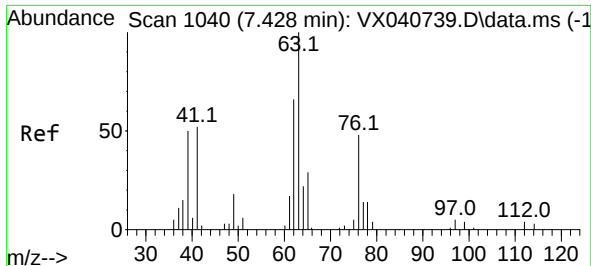
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#44
Trichloroethene
Concen: 19.685 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion:130 Resp: 11294
Ion Ratio Lower Upper
130 100
95 102.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.513 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 11520

Ion Ratio Lower Upper

63 100

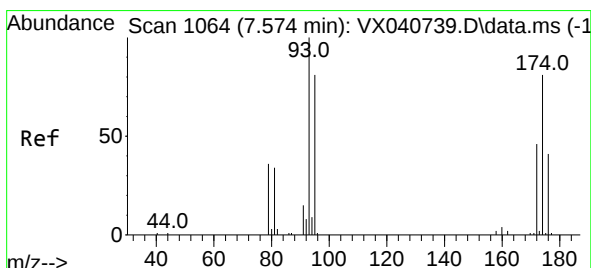
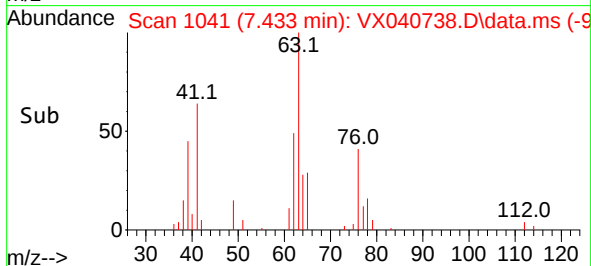
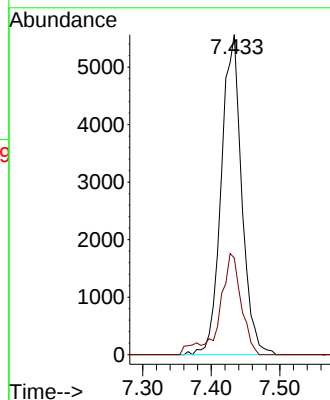
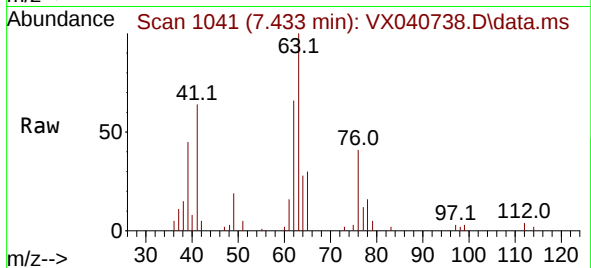
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#46

Dibromomethane

Concen: 21.235 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

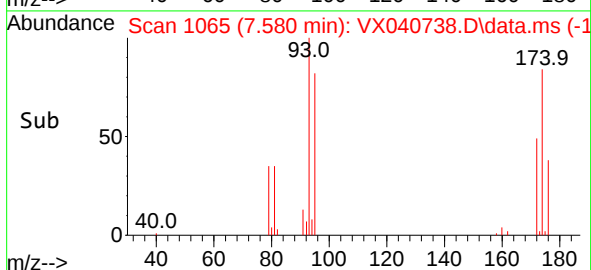
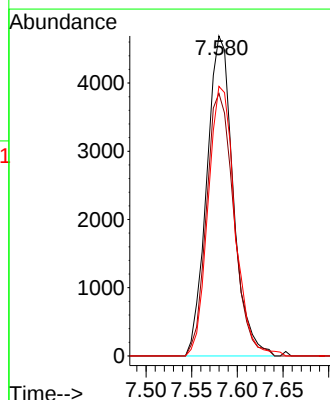
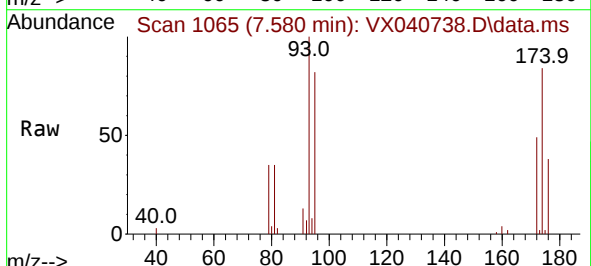
Tgt Ion: 93 Resp: 9445

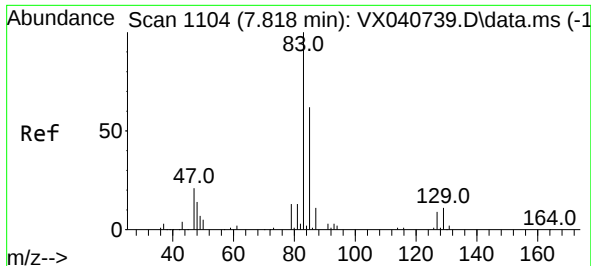
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

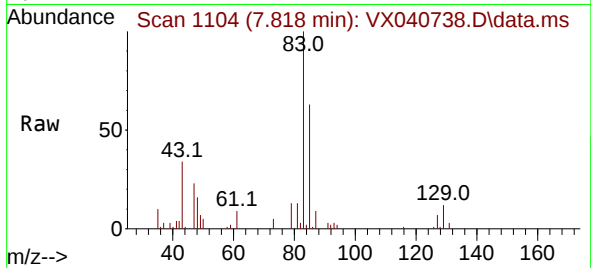
174 85.1 69.4 104.0





#47
Bromodichloromethane
Concen: 20.171 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

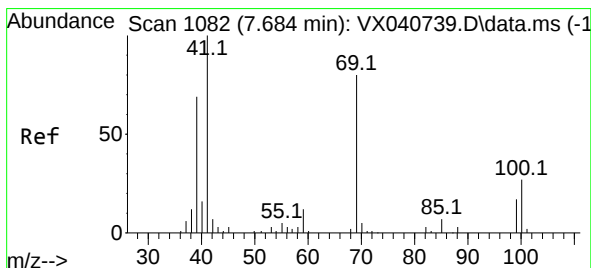
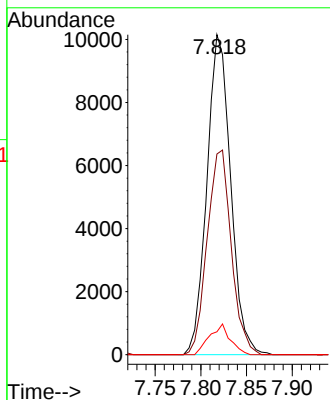
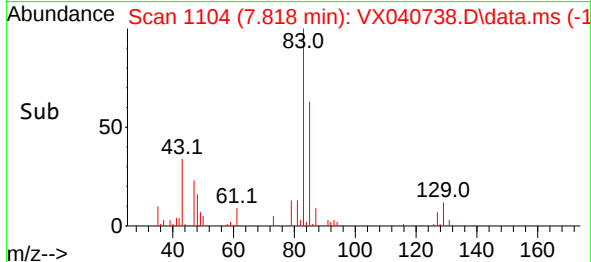
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 1833
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 7.1 7.1 10.7

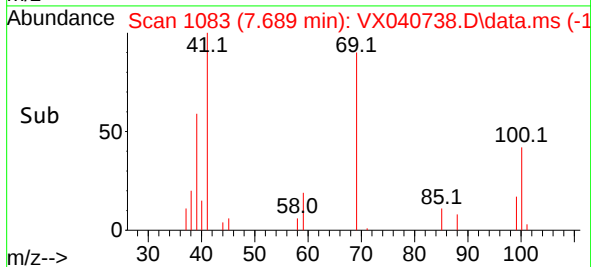
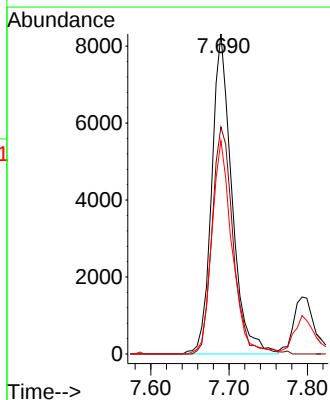
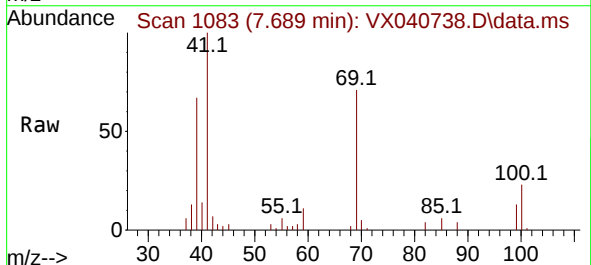
Manual Integrations
APPROVED

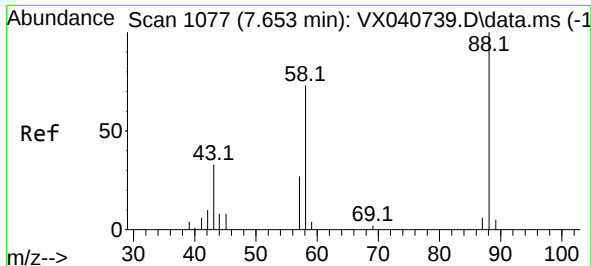
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#48
Methyl methacrylate
Concen: 21.114 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 41 Resp: 14917
Ion Ratio Lower Upper
41 100
69 73.9 59.2 88.8
39 67.2 47.7 71.5





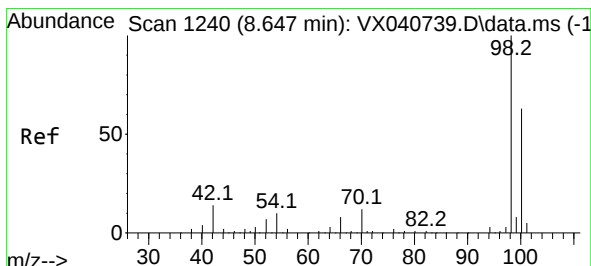
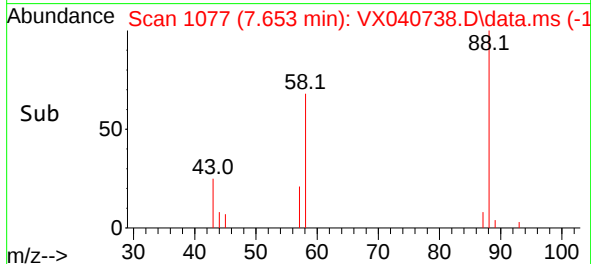
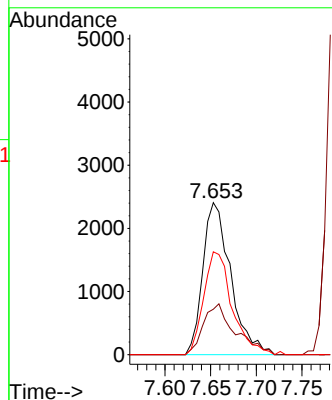
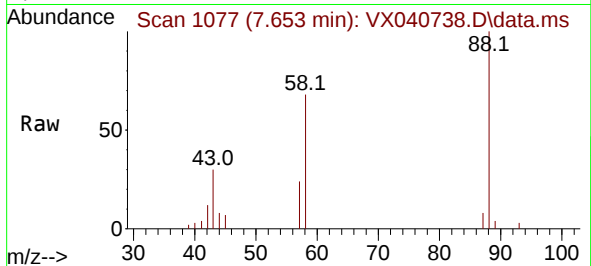
#49
1,4-Dioxane
Concen: 429.326 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 5119
Ion Ratio Lower Upper
88 100
43 38.1 0.0 0.0
58 69.2 60.1 90.1

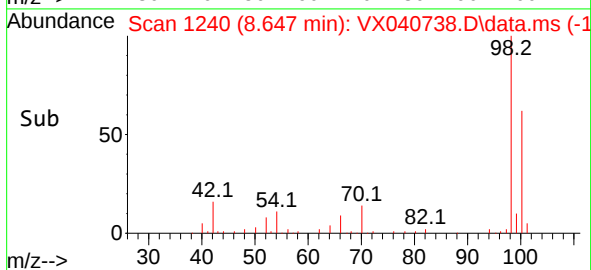
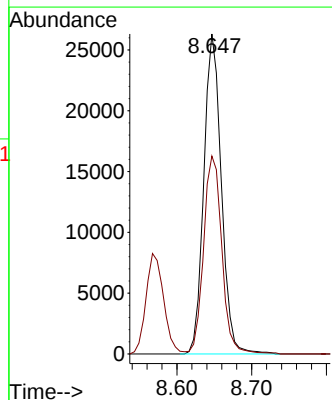
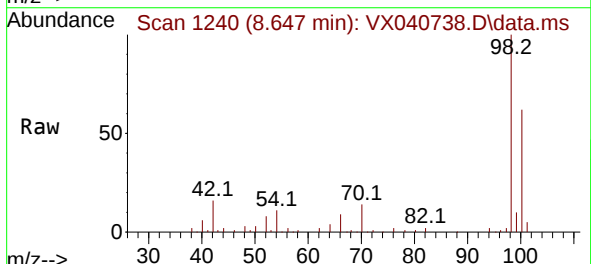
Manual Integrations
APPROVED

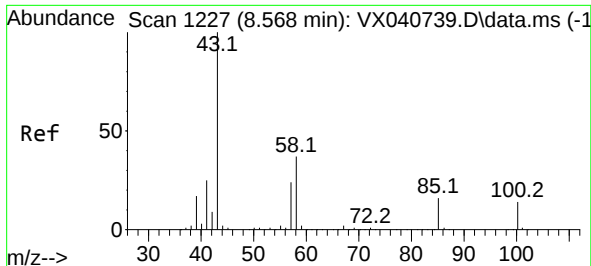
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#50
Toluene-d8
Concen: 21.257 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 98 Resp: 42852
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 107.790 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 10332

Ion Ratio Lower Upper

43 100

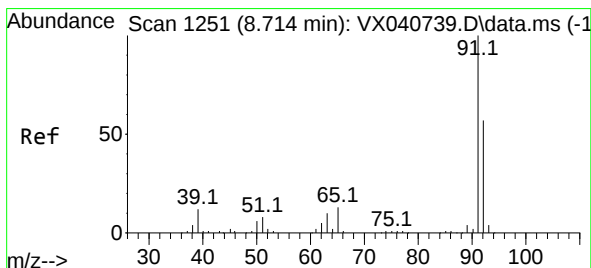
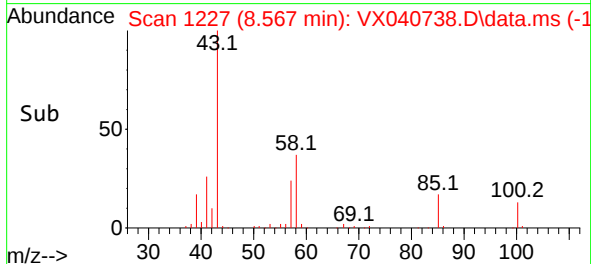
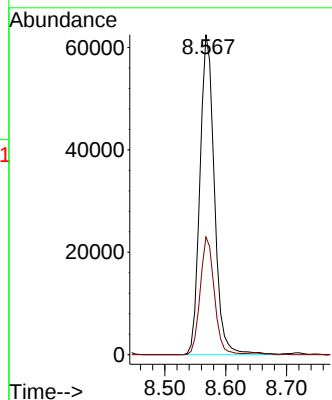
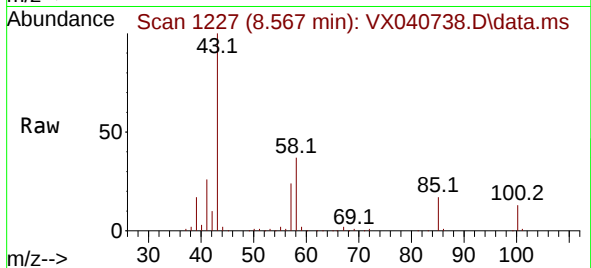
58 35.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#52

Toluene

Concen: 21.494 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX040738.D

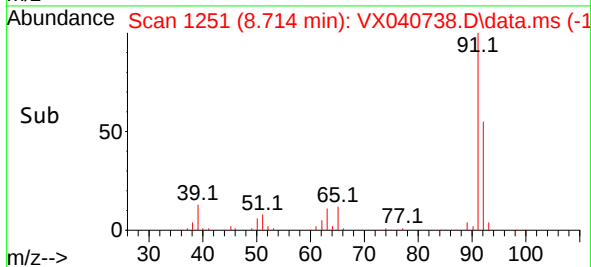
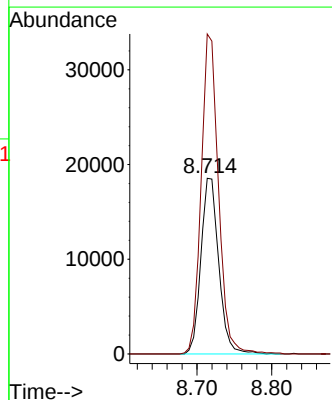
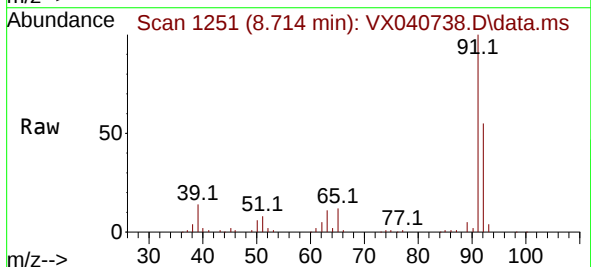
Acq: 21 Mar 2024 10:51

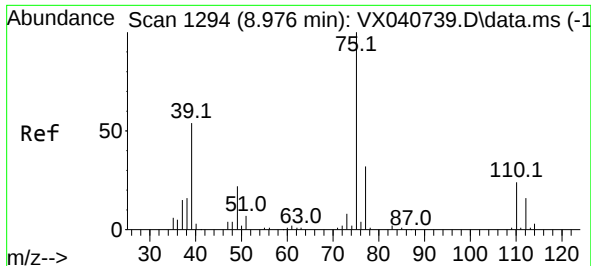
Tgt Ion: 92 Resp: 30685

Ion Ratio Lower Upper

92 100

91 177.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.550 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 1932

Ion Ratio Lower Upper

75 100

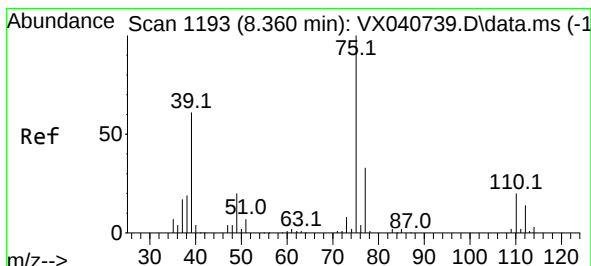
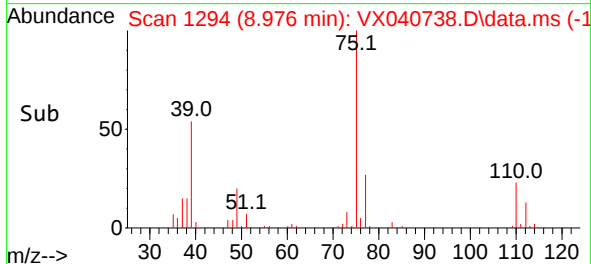
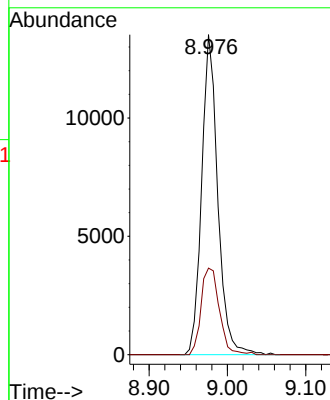
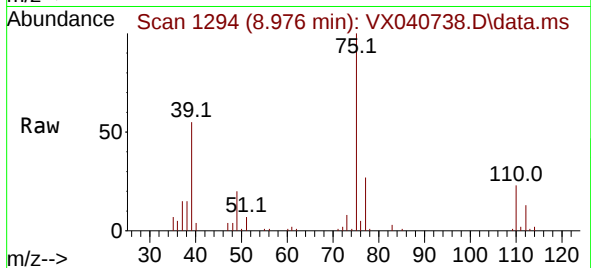
77 27.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#54

cis-1,3-Dichloropropene

Concen: 21.179 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

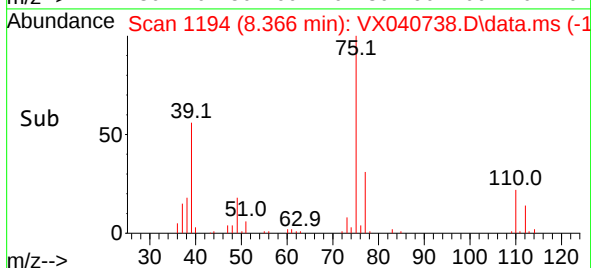
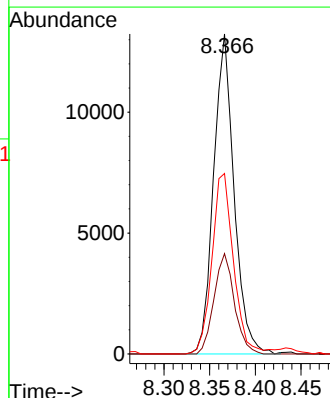
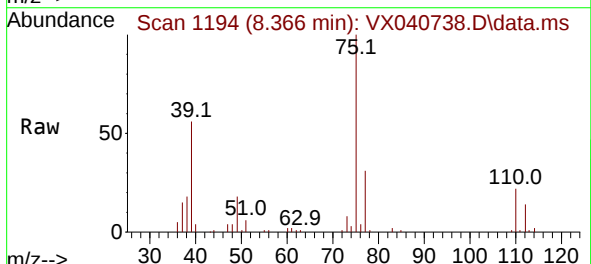
Tgt Ion: 75 Resp: 20593

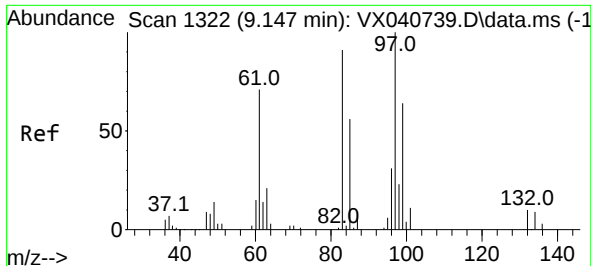
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 56.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 20.954 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 1218

Ion Ratio Lower Upper

97 100

83 90.0 65.8 98.8

85 56.3 41.6 62.4

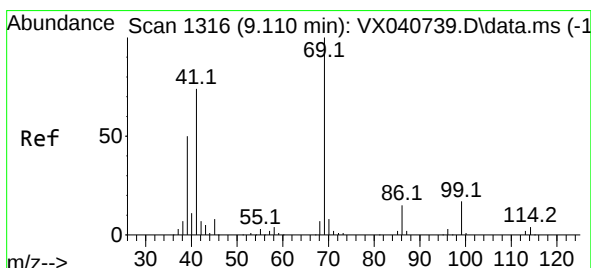
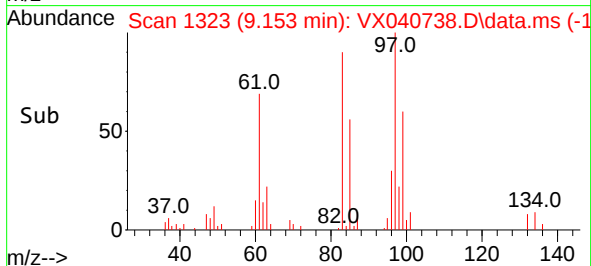
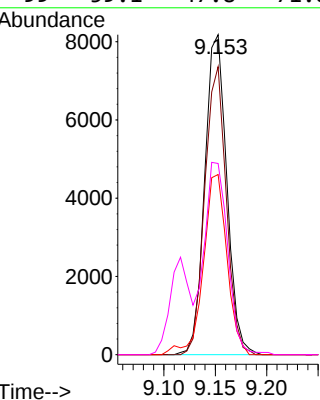
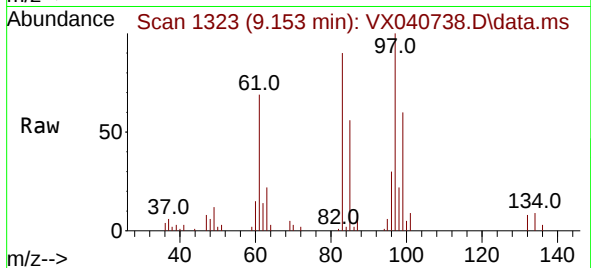
99 59.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#56

Ethyl methacrylate

Concen: 20.648 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

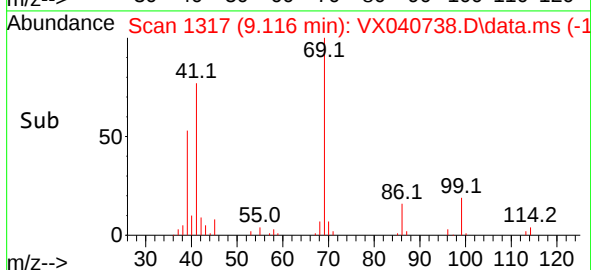
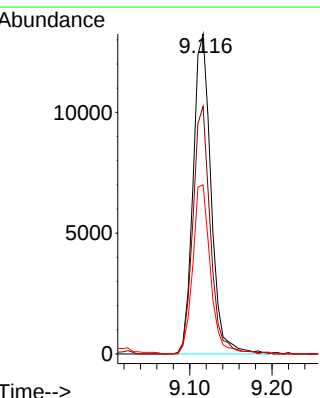
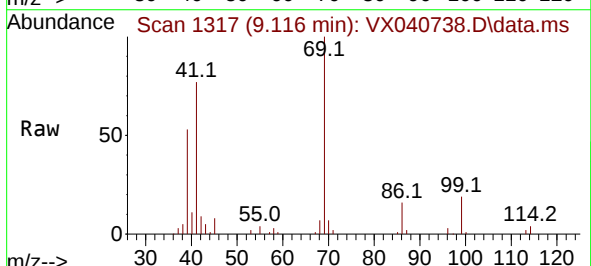
Tgt Ion: 69 Resp: 20064

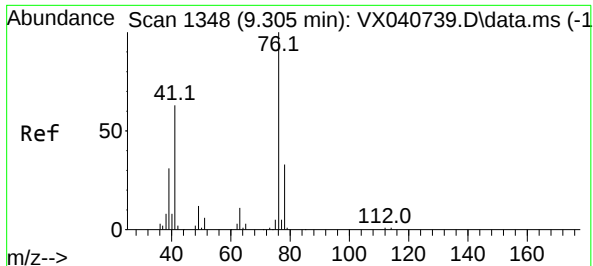
Ion Ratio Lower Upper

69 100

41 75.4 56.8 85.2

39 52.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.890 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 20724

Ion Ratio Lower Upper

76 100

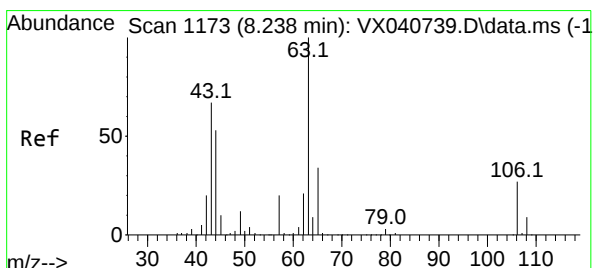
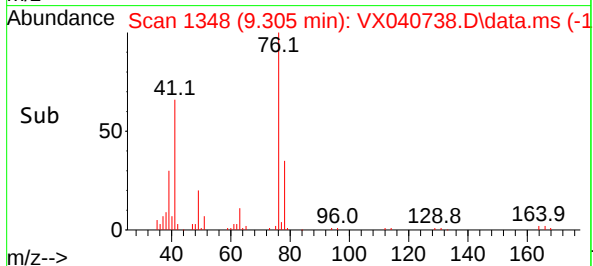
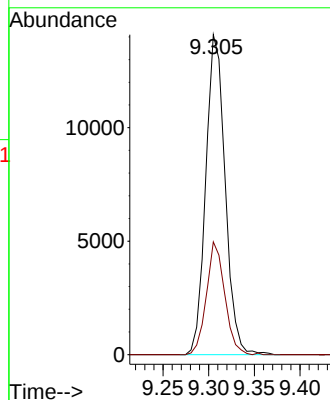
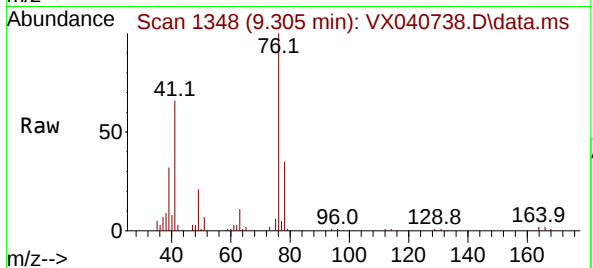
78 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 99.455 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040738.D

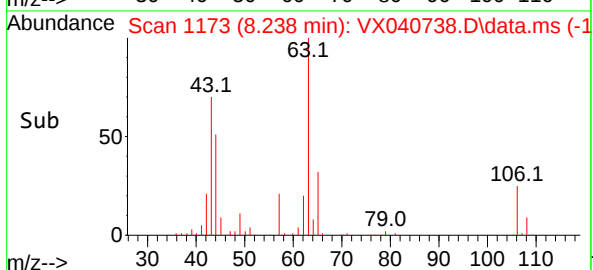
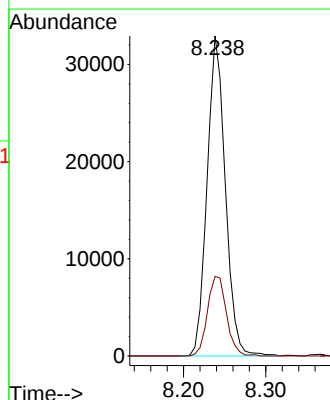
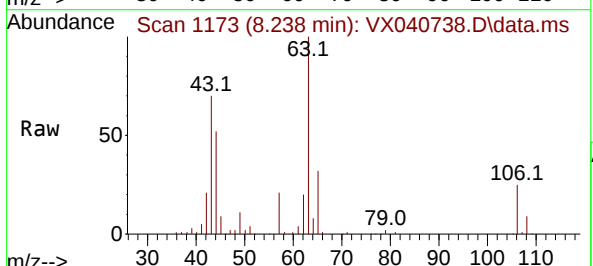
Acq: 21 Mar 2024 10:51

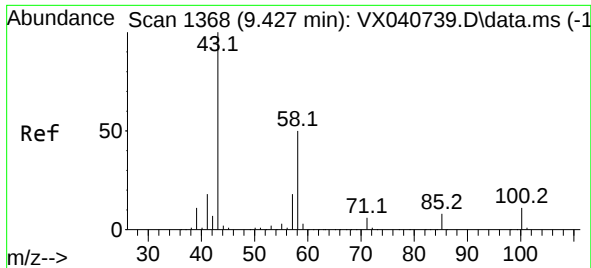
Tgt Ion: 63 Resp: 50721

Ion Ratio Lower Upper

63 100

106 25.9 22.5 33.7





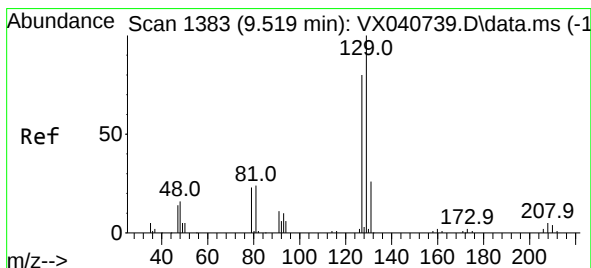
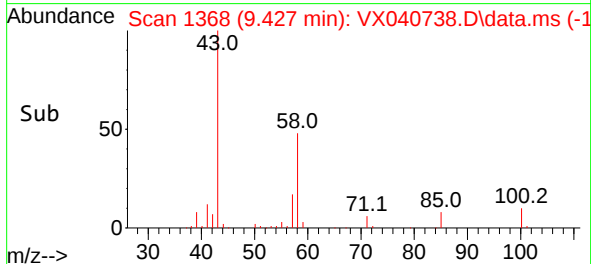
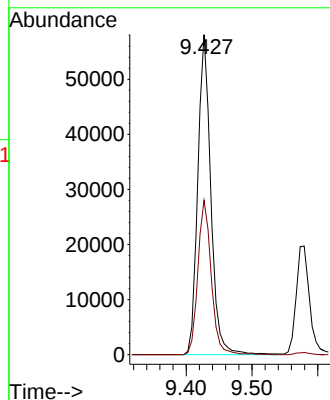
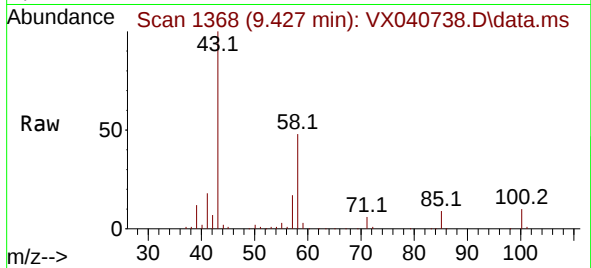
#59
2-Hexanone
Concen: 107.739 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 8000
Ion Ratio Lower Upper
43 100
58 49.4 26.2 78.5

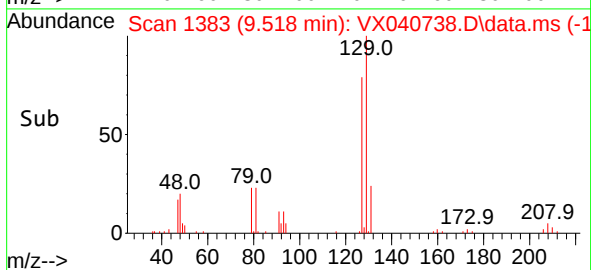
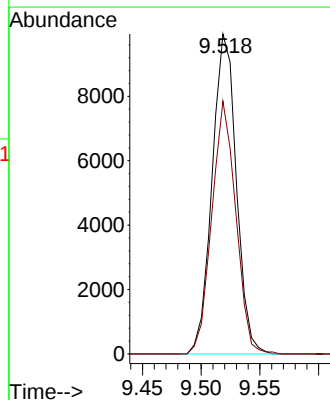
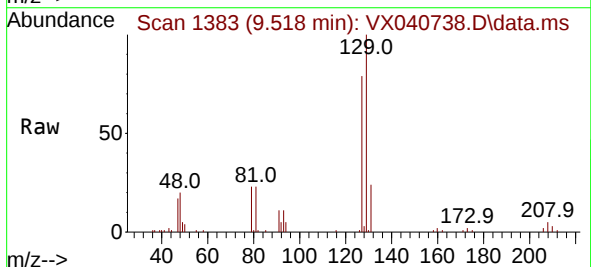
Manual Integrations
APPROVED

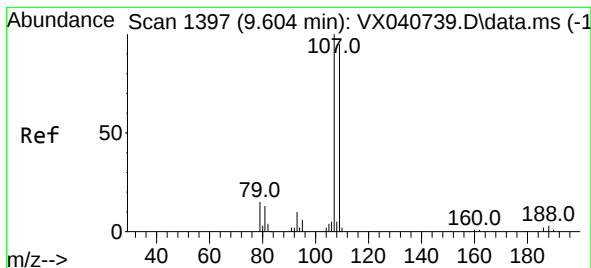
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#60
Dibromochloromethane
Concen: 20.852 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion:129 Resp: 14245
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





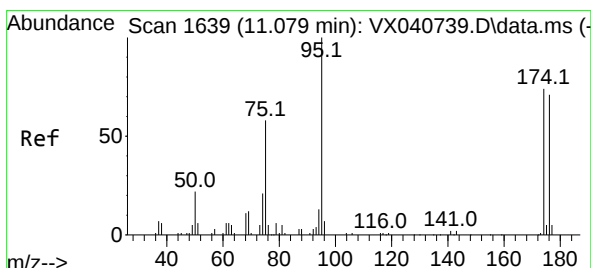
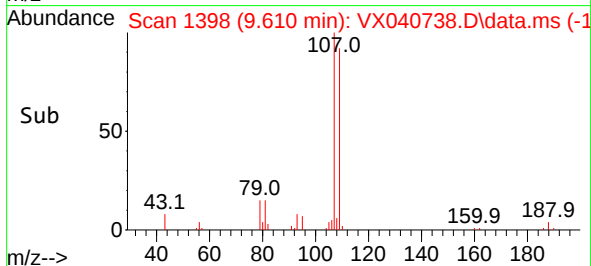
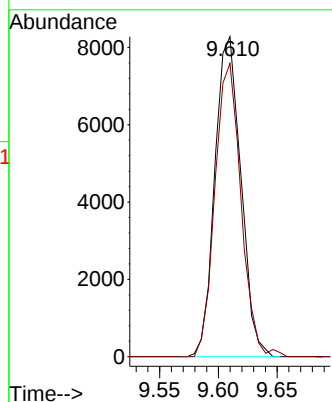
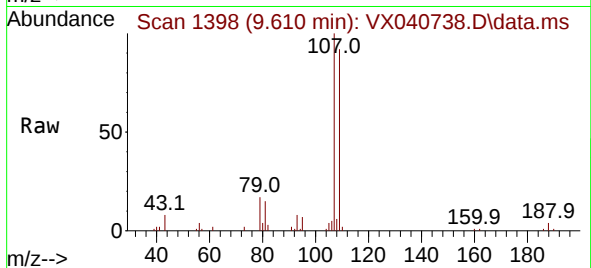
#61
1,2-Dibromoethane
Concen: 20.813 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 1277
Ion Ratio Lower Upper
107 100
109 91.6 75.2 112.8

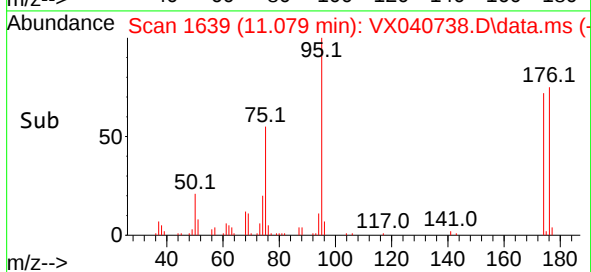
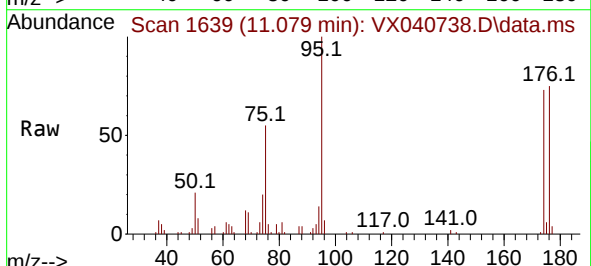
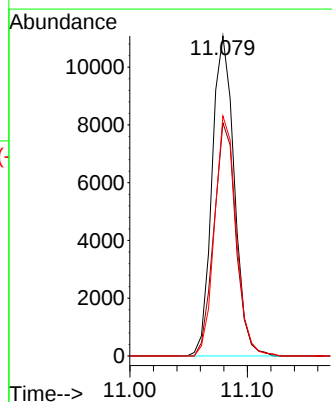
Manual Integrations
APPROVED

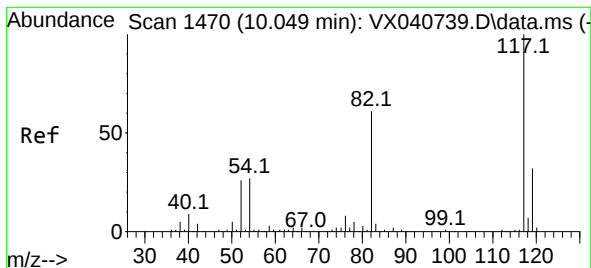
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#62
4-Bromofluorobenzene
Concen: 18.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 95 Resp: 14575
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 72.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 7293

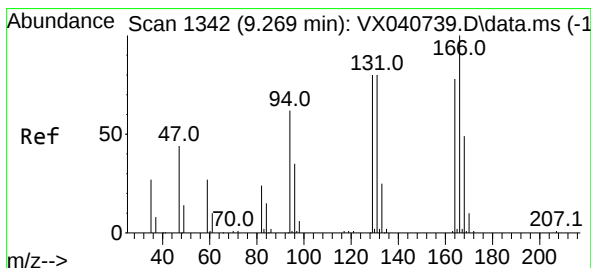
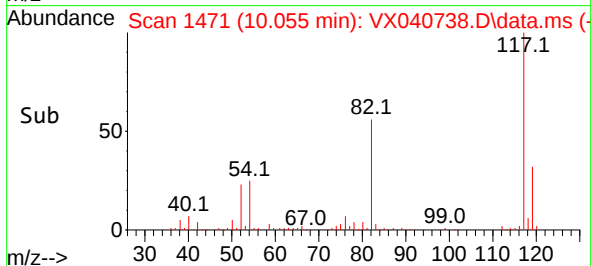
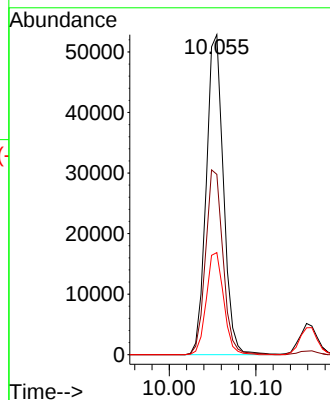
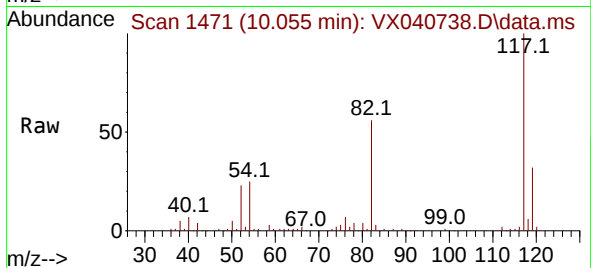
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	31.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#64

Tetrachloroethene

Concen: 19.967 ug/l

RT: 9.275 min Scan# 1343

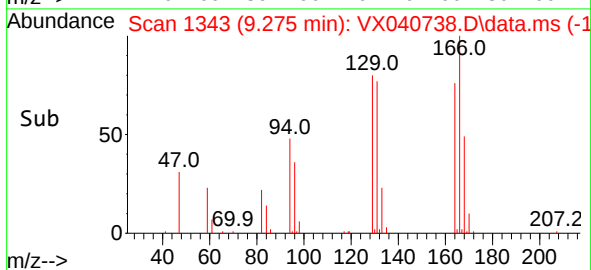
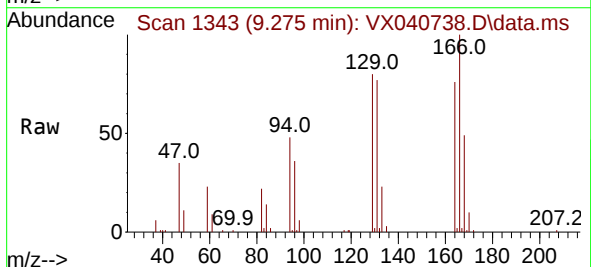
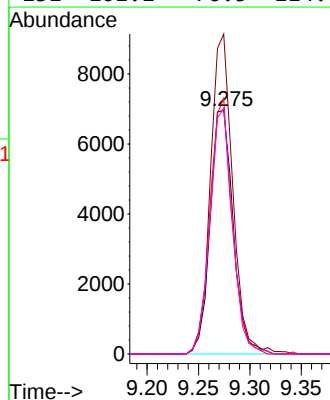
Delta R.T. 0.006 min

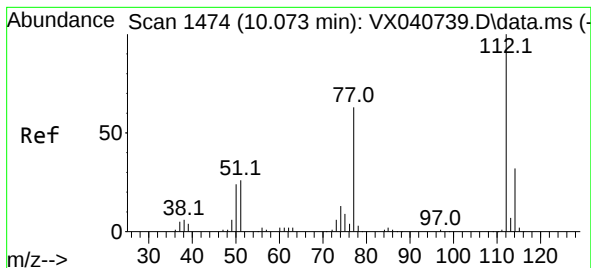
Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion:164 Resp: 10847

Ion	Ratio	Lower	Upper
164	100		
166	131.5	102.7	154.1
129	104.9	80.4	120.6
131	101.1	76.5	114.7





#65

Chlorobenzene

Concen: 18.511 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 30620

Ion Ratio Lower Upper

112 100

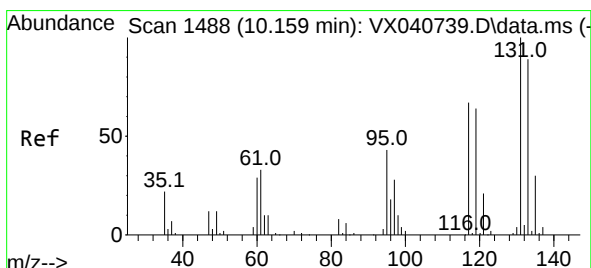
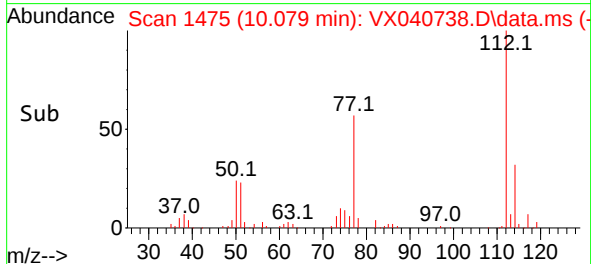
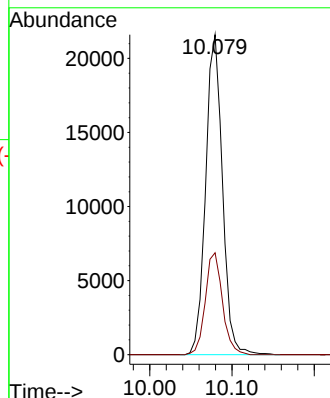
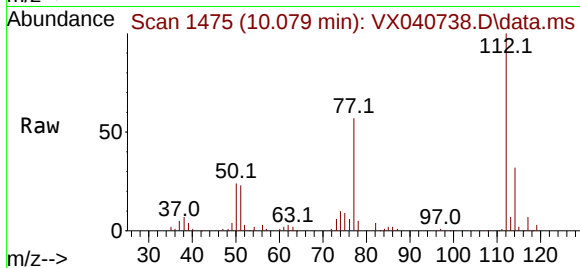
114 31.8 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 18.702 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

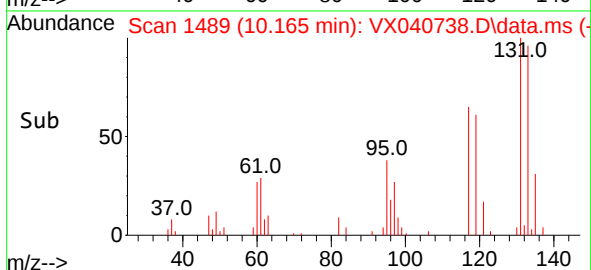
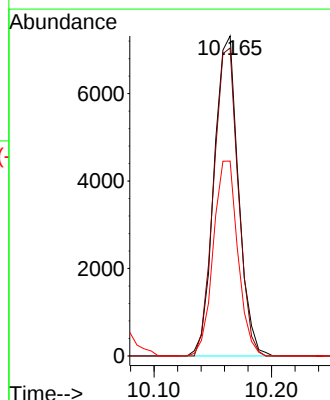
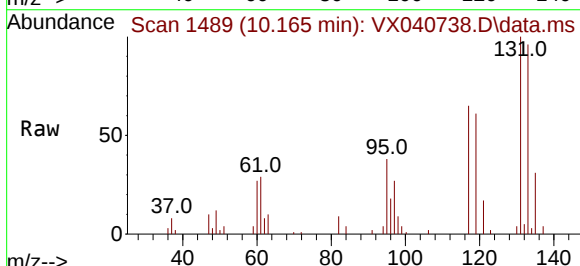
Tgt Ion:131 Resp: 10527

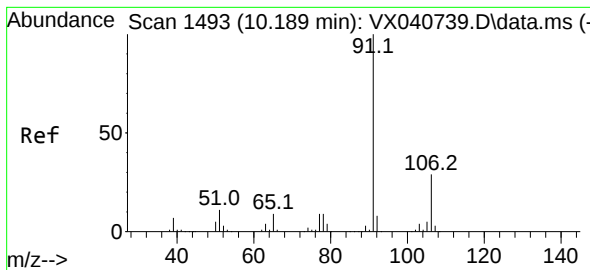
Ion Ratio Lower Upper

131 100

133 96.7 47.1 141.4

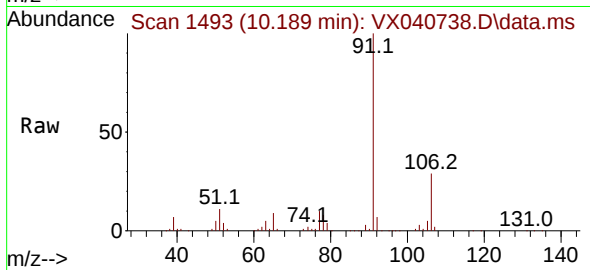
119 61.3 32.2 96.6





#67
Ethyl Benzene
Concen: 19.330 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

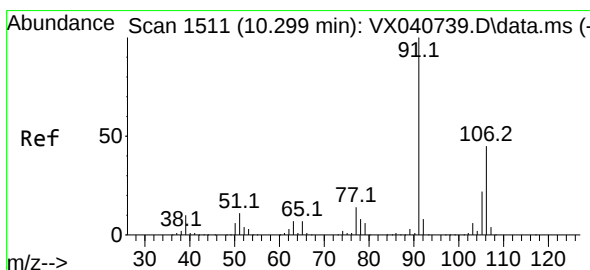
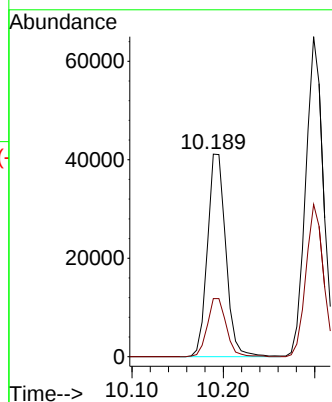
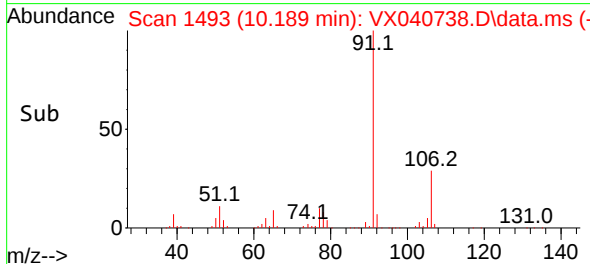
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



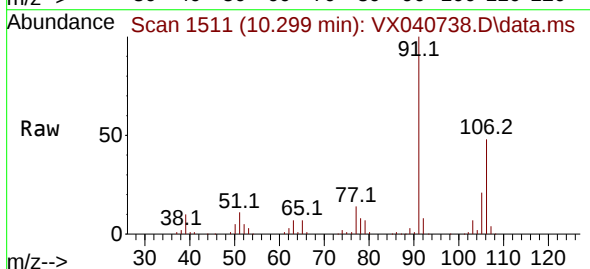
Tgt Ion: 91 Resp: 5726
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3

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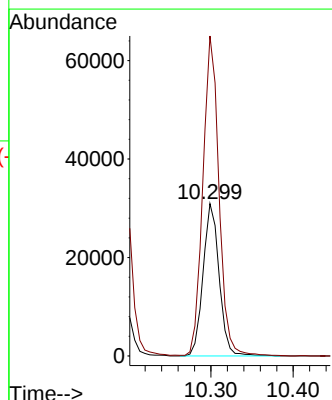
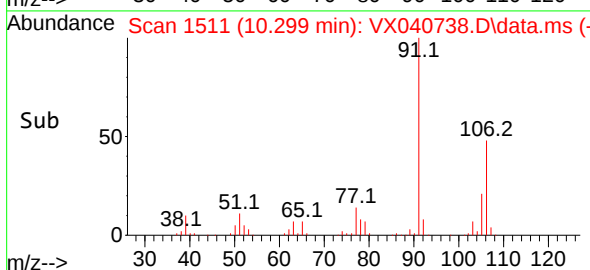
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

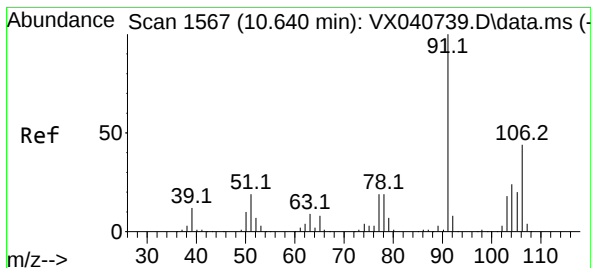


#68
m/p-Xylenes
Concen: 38.725 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



Tgt Ion:106 Resp: 42001
Ion Ratio Lower Upper
106 100
91 211.0 165.5 248.3





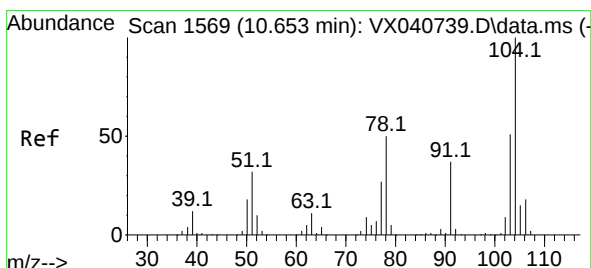
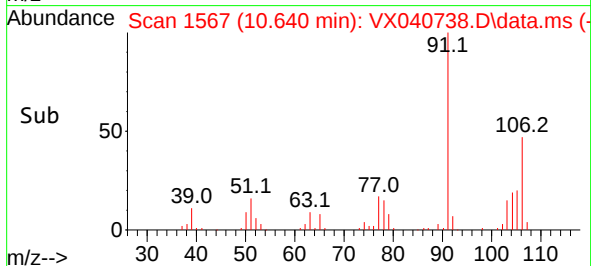
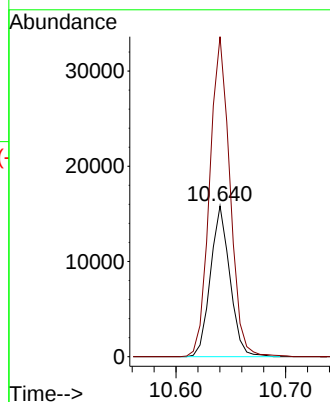
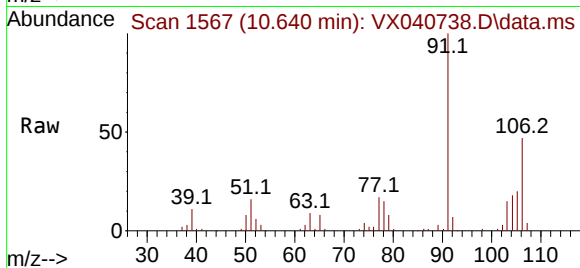
#69
o-Xylene
Concen: 18.728 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 1951
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.8

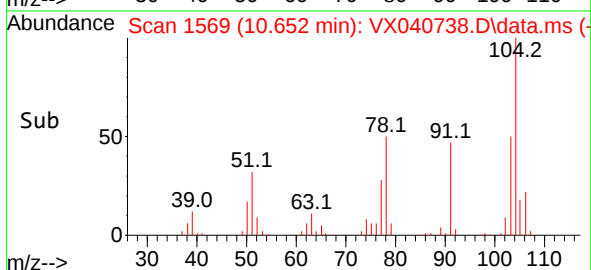
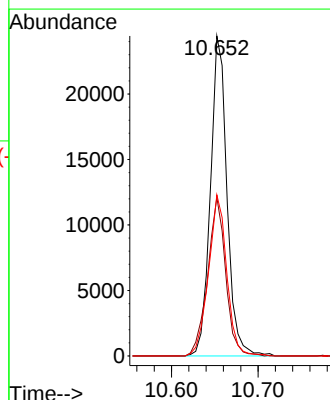
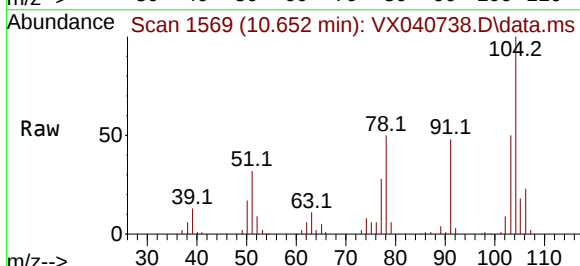
Manual Integrations
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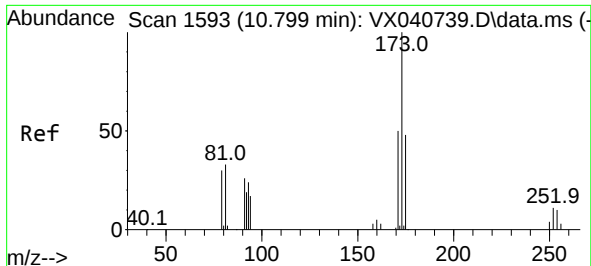
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#70
Styrene
Concen: 18.661 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

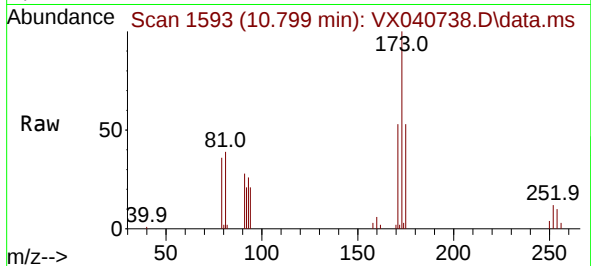
Tgt Ion:104 Resp: 32549
Ion Ratio Lower Upper
104 100
78 53.9 43.6 65.4
103 55.3 43.6 65.4





#71
Bromoform
Concen: 18.060 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

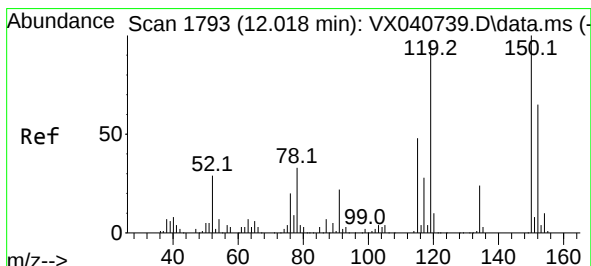
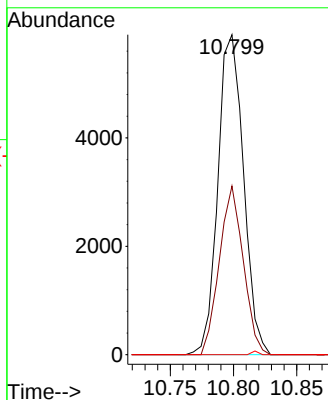
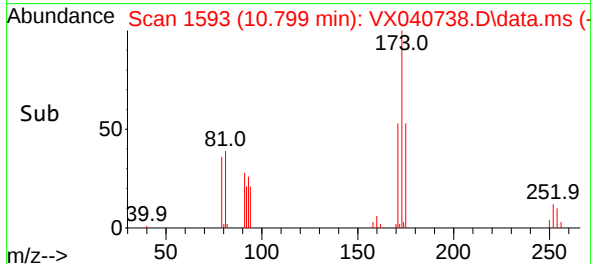
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



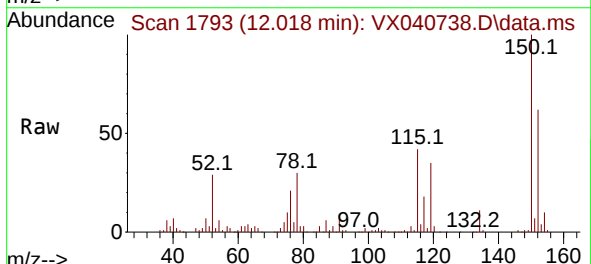
Tgt Ion:173 Resp: 830
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.3 0.0 0.0

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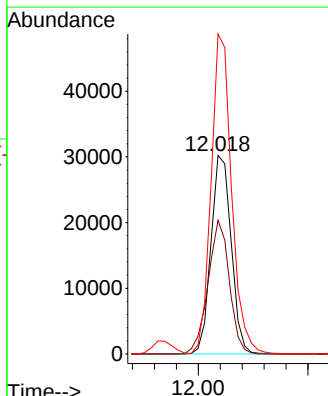
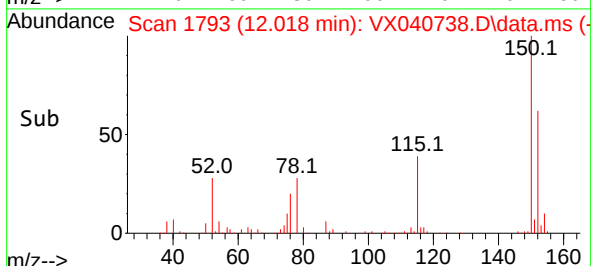
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

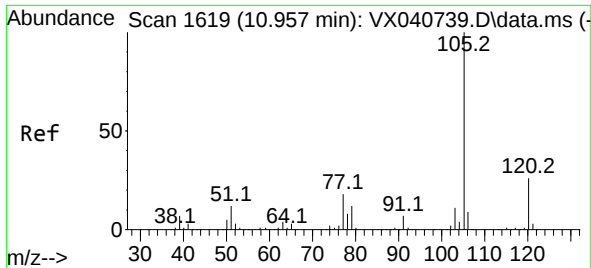


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



Tgt Ion:152 Resp: 38713
Ion Ratio Lower Upper
152 100
115 70.7 43.3 129.9
150 163.6 0.0 345.0





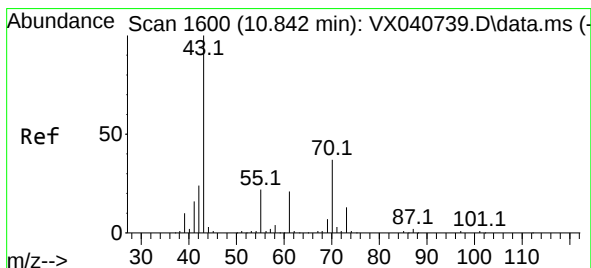
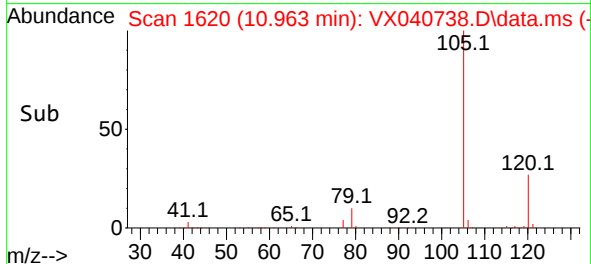
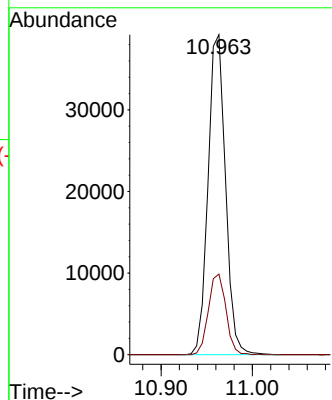
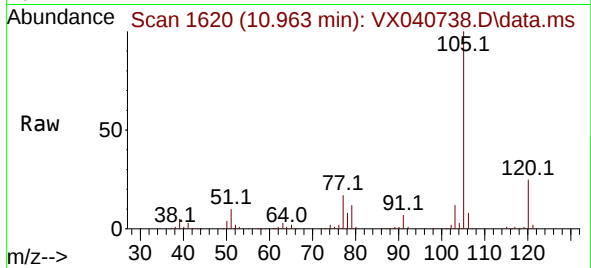
#73
Isopropylbenzene
Concen: 17.703 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 52000
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6

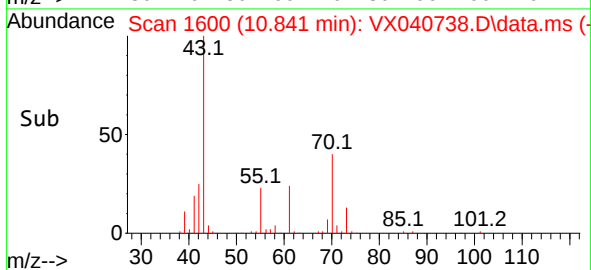
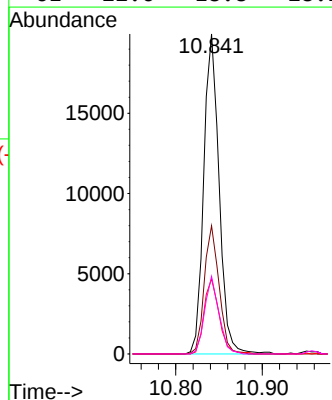
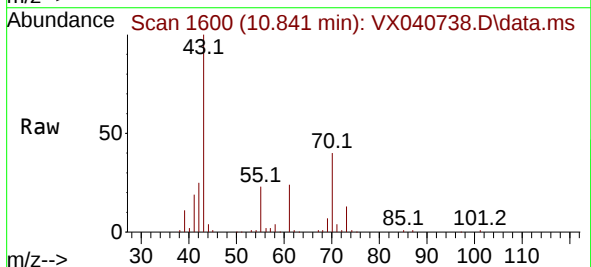
Manual Integrations
APPROVED

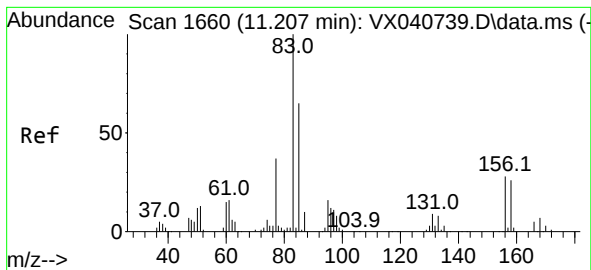
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#74
N-ethyl acetate
Concen: 16.992 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

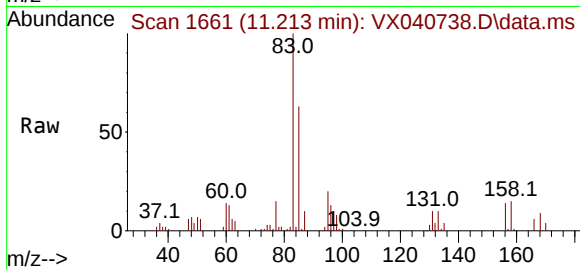
Tgt Ion: 43 Resp: 24574
Ion Ratio Lower Upper
43 100
70 38.4 32.9 49.3
55 23.0 19.3 28.9
61 22.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.535 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

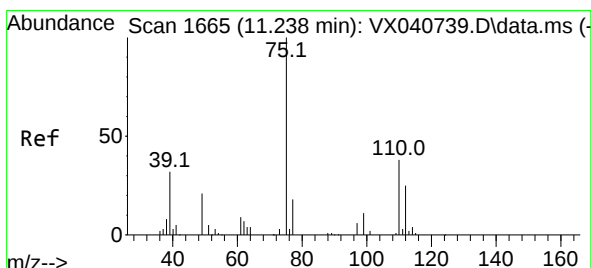
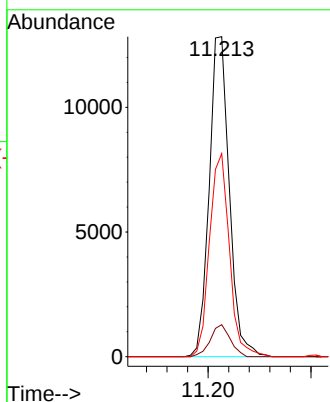
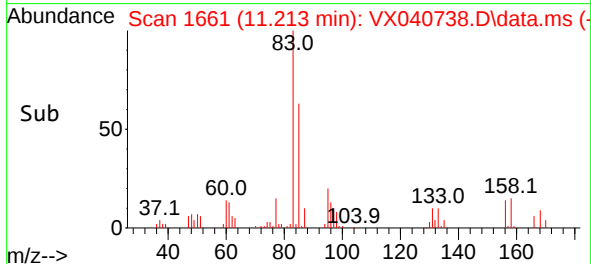
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 1743
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 62.6 32.0 96.2

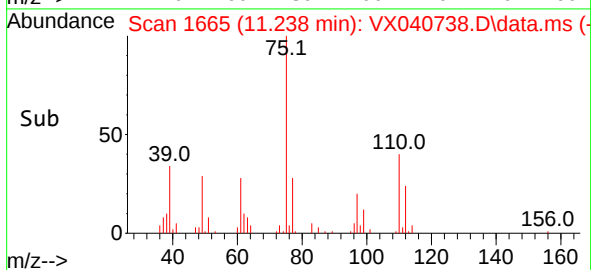
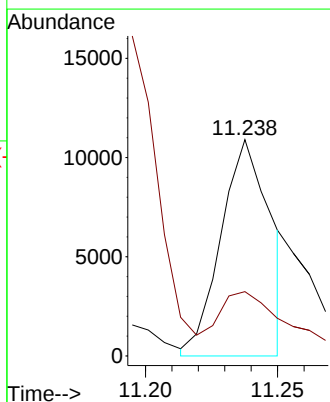
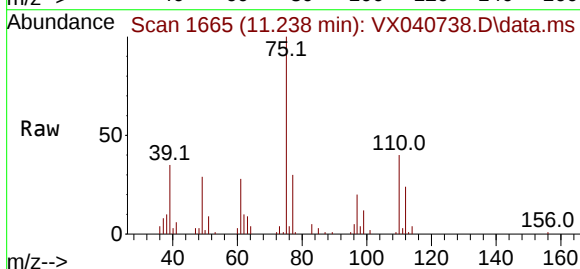
Manual Integrations
APPROVED

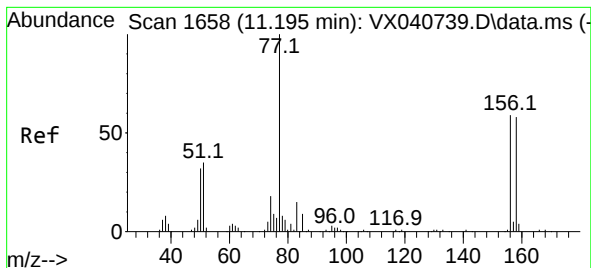
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#76
1,2,3-Trichloropropane
Concen: 17.006 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 75 Resp: 14208
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





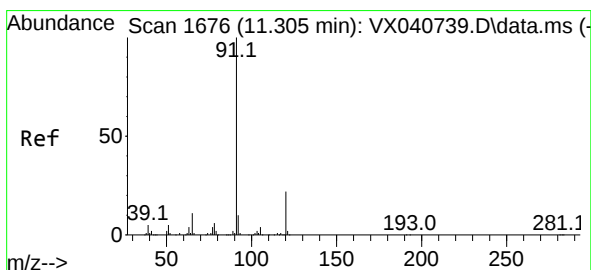
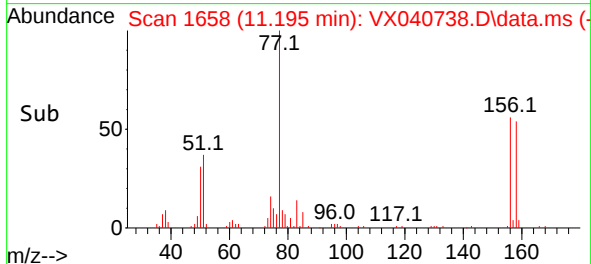
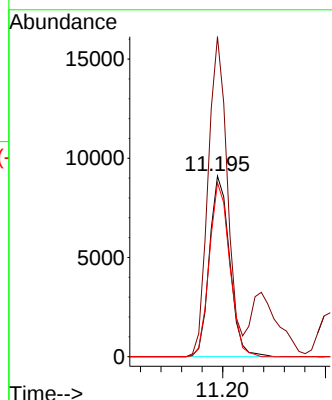
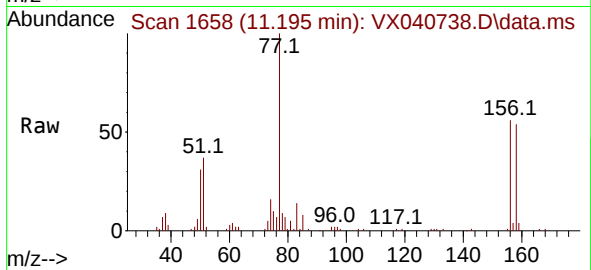
#77
Bromobenzene
Concen: 17.512 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 1245
Ion Ratio Lower Upper
156 100
77 169.5 88.4 265.3
158 96.6 48.0 144.0

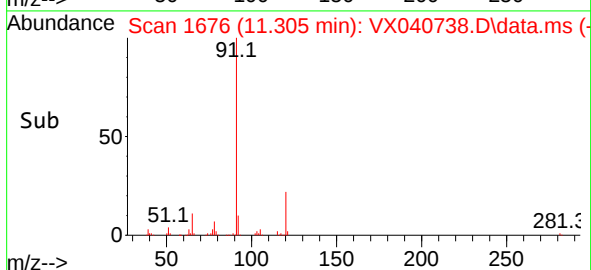
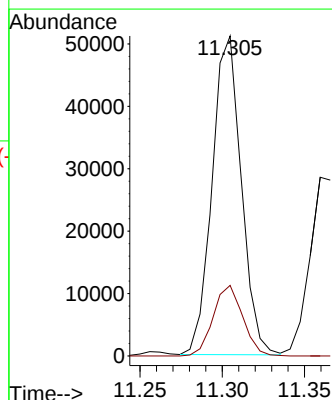
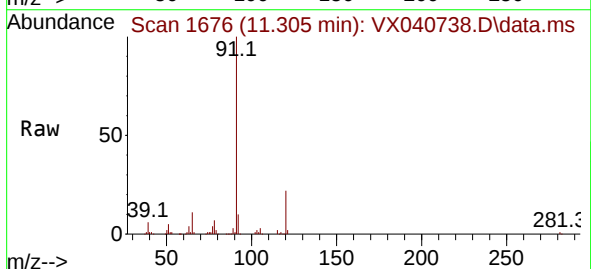
Manual Integrations
APPROVED

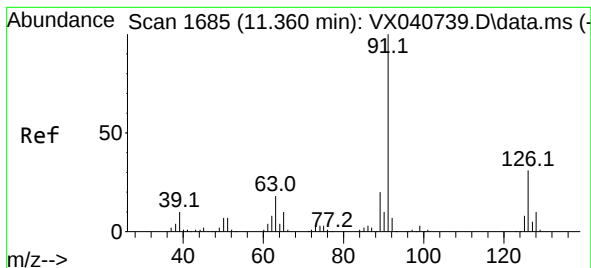
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#78
n-propylbenzene
Concen: 17.433 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Tgt Ion: 91 Resp: 63140
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





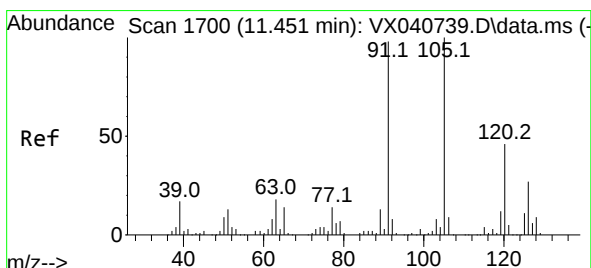
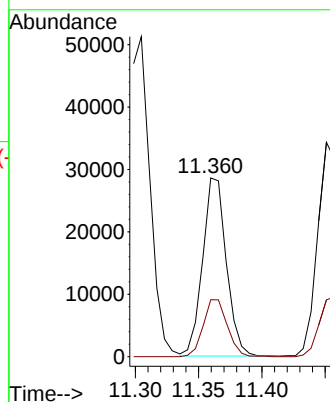
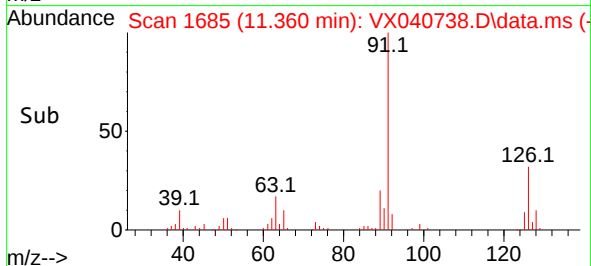
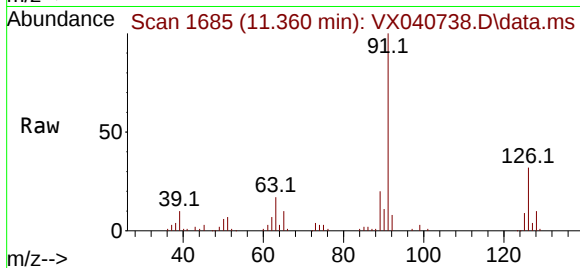
#79
2-Chlorotoluene
Concen: 17.874 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 3735
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

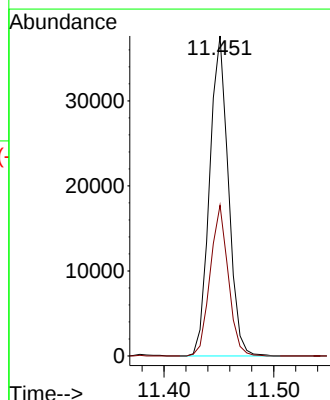
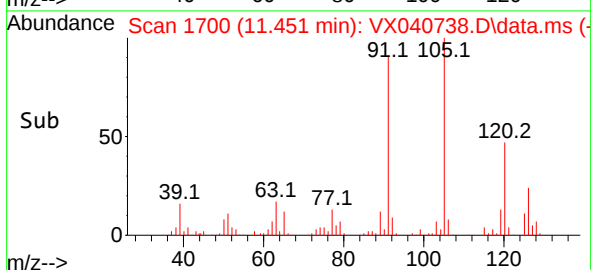
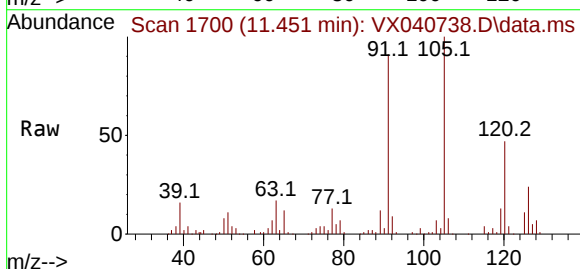
Manual Integrations
APPROVED

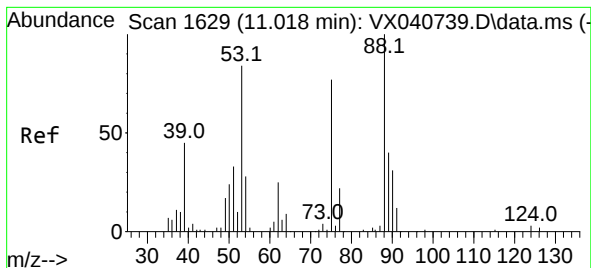
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.135 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

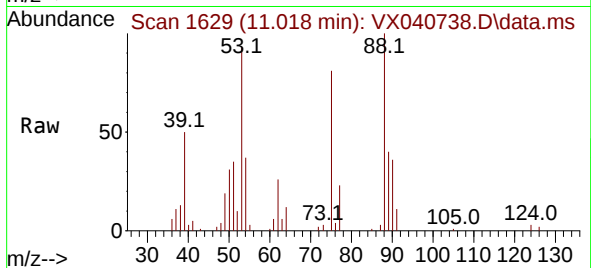
Tgt Ion:105 Resp: 44658
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.261 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

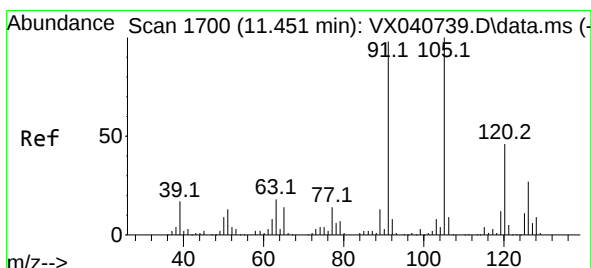
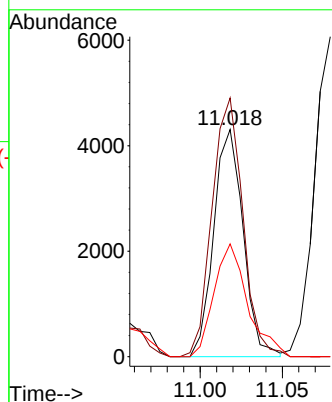
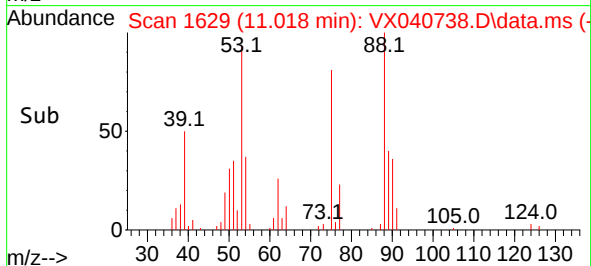
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



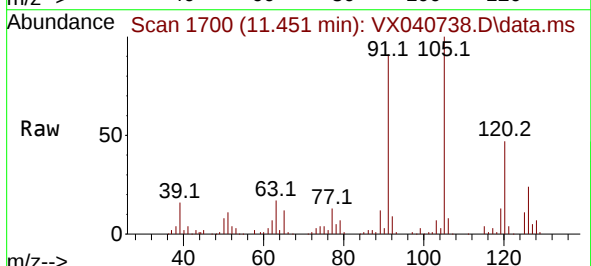
Tgt Ion: 75 Resp: 5352
Ion Ratio Lower Upper
75 100
53 119.5 90.5 135.7
89 56.9 36.9 55.3

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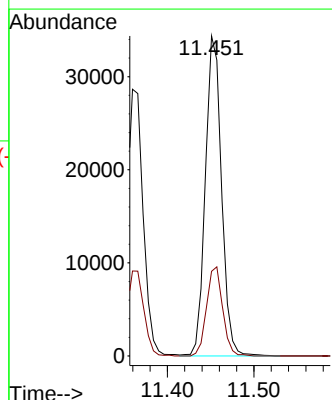
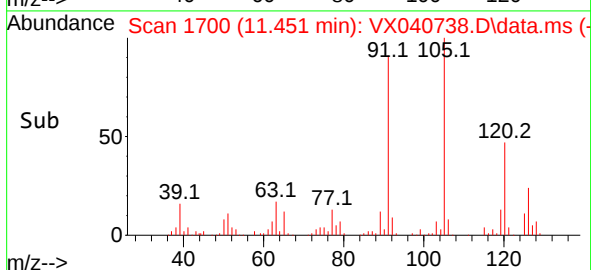
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

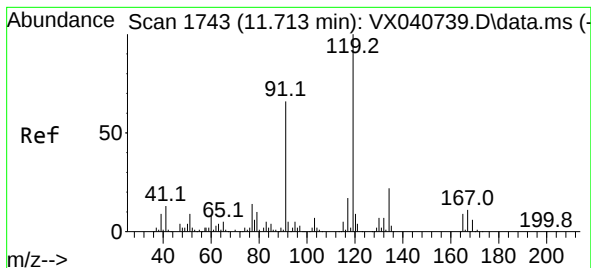


#82
4-Chlorotoluene
Concen: 17.020 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



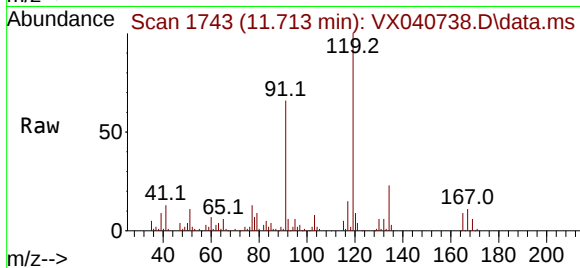
Tgt Ion: 91 Resp: 44613
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.408 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

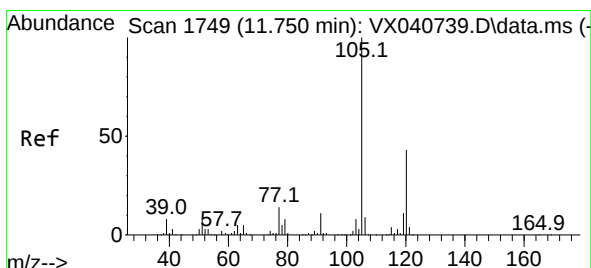
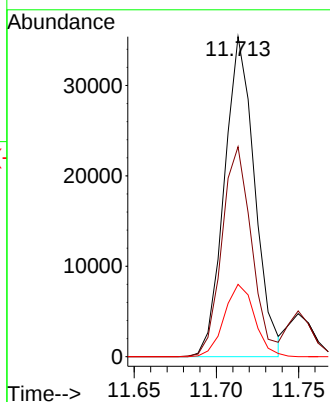
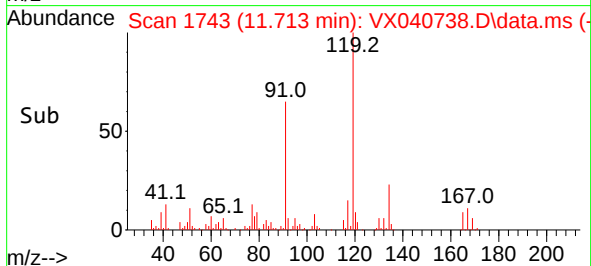
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



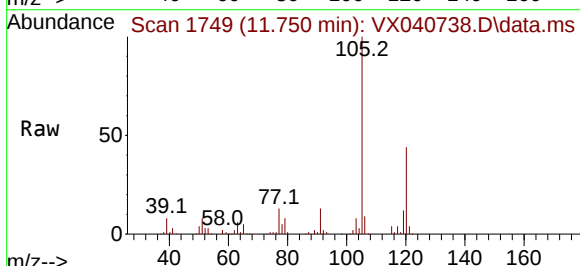
Tgt Ion:119 Resp: 4546
Ion Ratio Lower Upper
119 100
91 64.8 31.2 93.6
134 22.7 11.7 35.0

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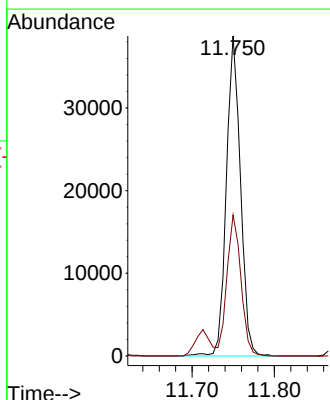
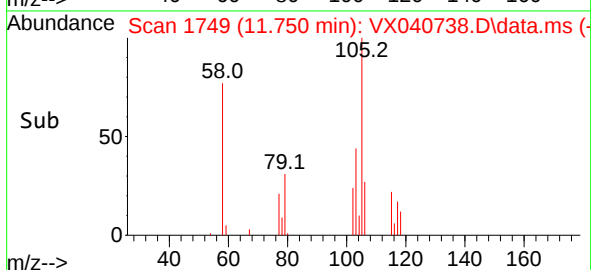
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

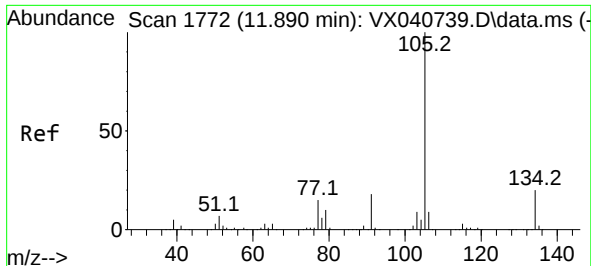


#84
1,2,4-Trimethylbenzene
Concen: 18.660 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



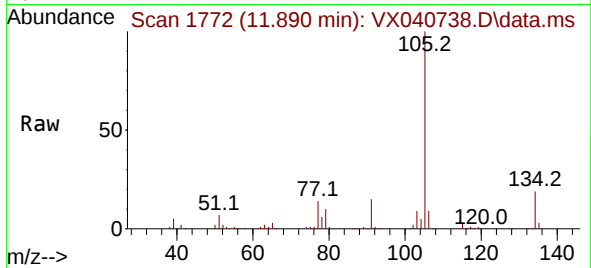
Tgt Ion:105 Resp: 46246
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.918 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040738.D
 Acq: 21 Mar 2024 10:51

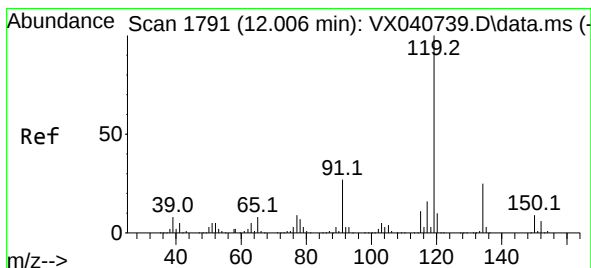
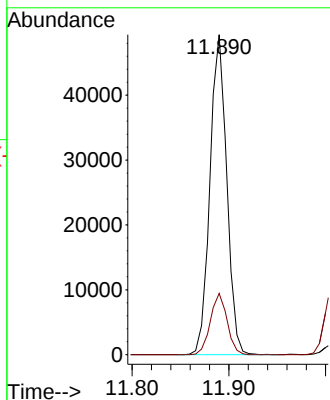
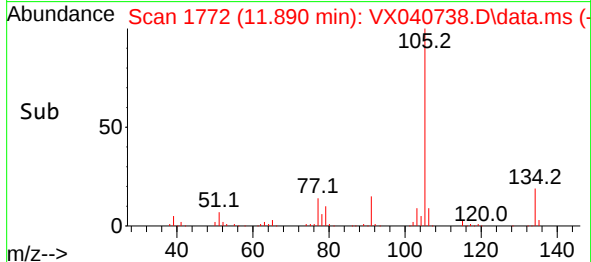
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



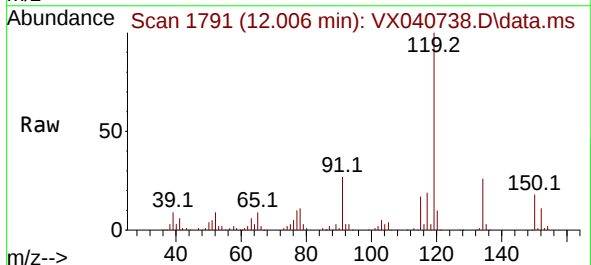
Tgt Ion:105 Resp: 59418
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

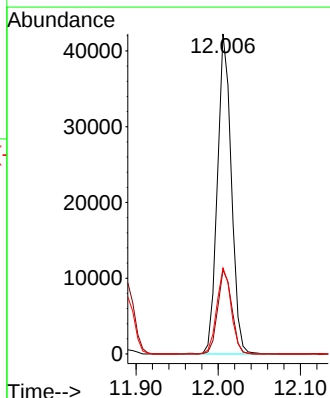
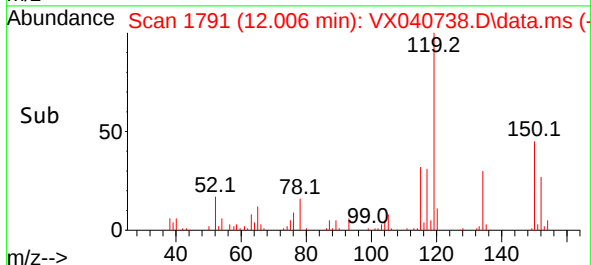
Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

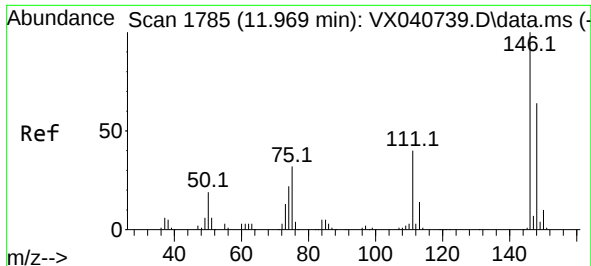


#86
 p-Isopropyltoluene
 Concen: 19.107 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040738.D
 Acq: 21 Mar 2024 10:51



Tgt Ion:119 Resp: 49761
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.795 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 25520

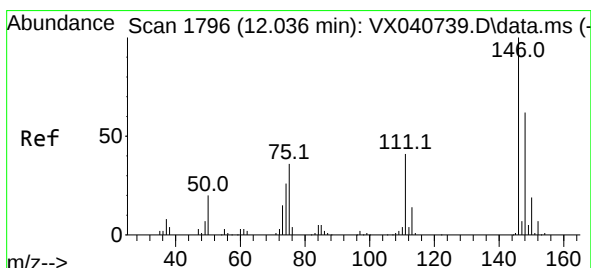
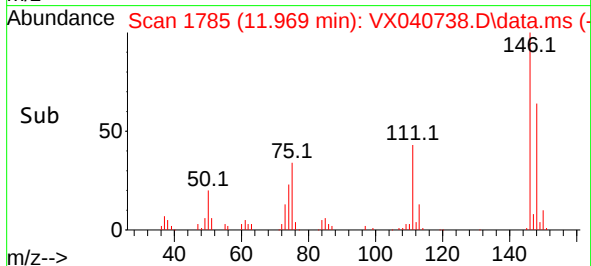
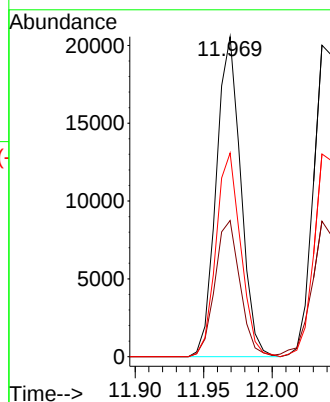
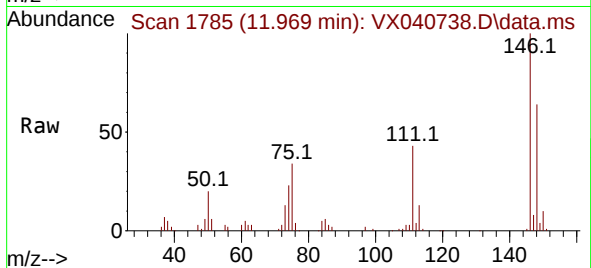
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#88

1,4-Dichlorobenzene

Concen: 18.206 ug/l

RT: 12.036 min Scan# 1796

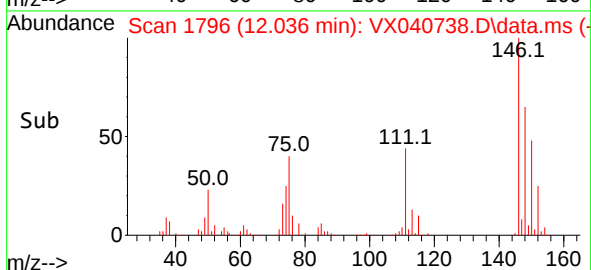
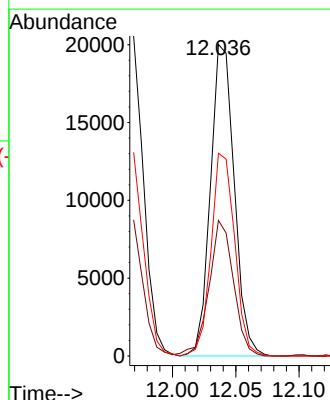
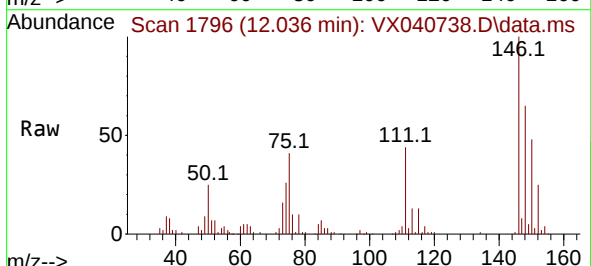
Delta R.T. -0.000 min

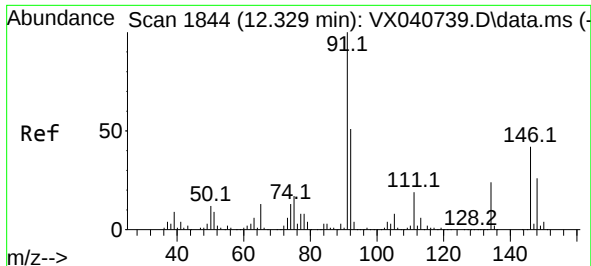
Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion:146 Resp: 26252

Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.3	63.7
148	64.6	31.8	95.4





#89

n-Butylbenzene

Concen: 19.008 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 4992

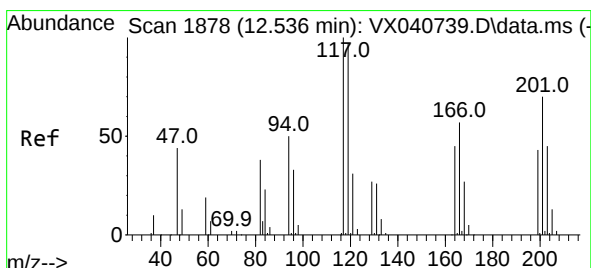
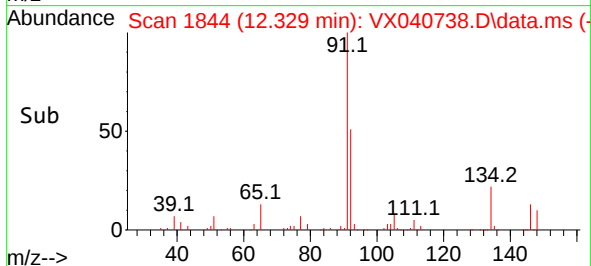
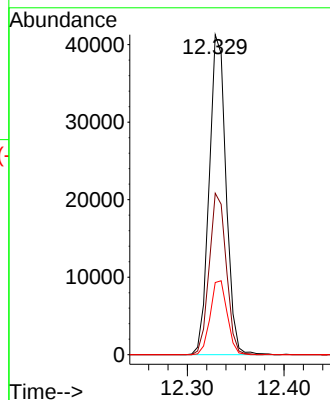
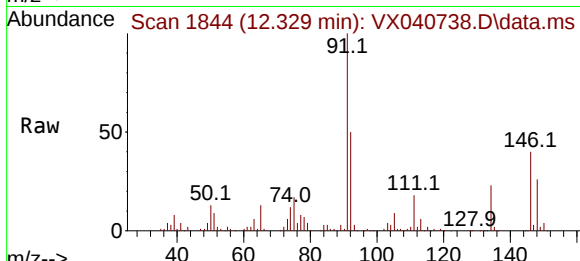
Ion	Ratio	Lower	Upper
91	100		
92	51.1	27.4	82.0
134	23.3	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#90

Hexachloroethane

Concen: 18.598 ug/l

RT: 12.536 min Scan# 1878

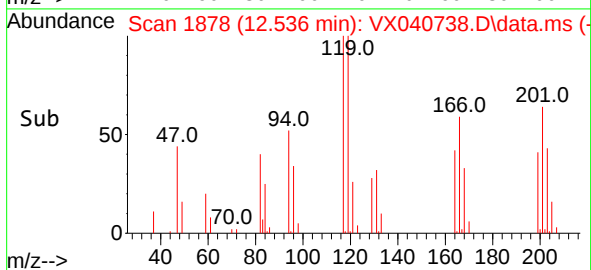
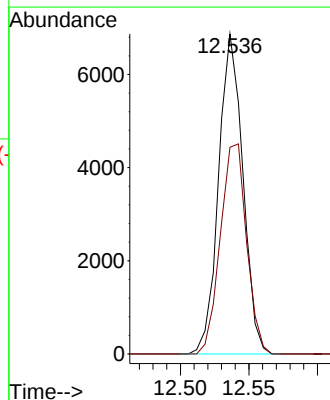
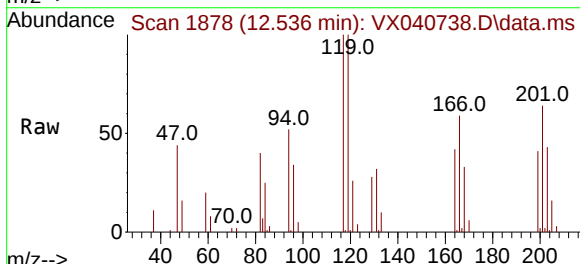
Delta R.T. -0.000 min

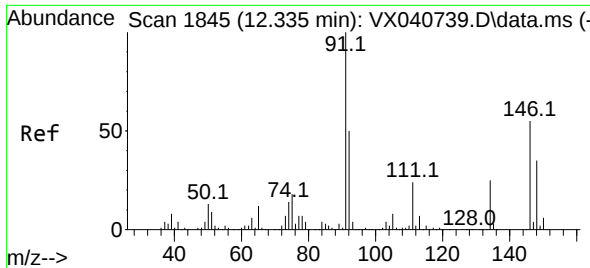
Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion:117 Resp: 8434

Ion	Ratio	Lower	Upper
117	100		
201	71.1	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 18.677 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

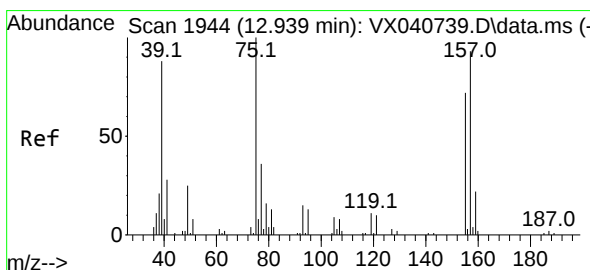
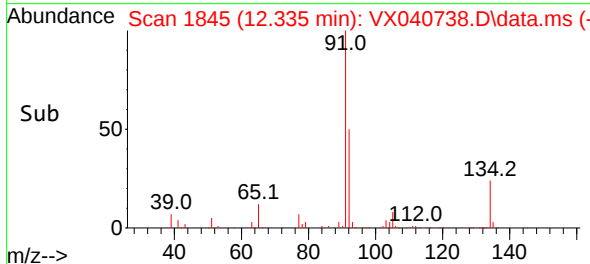
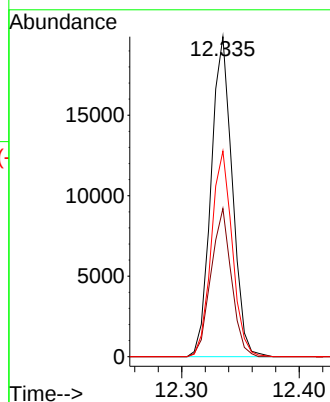
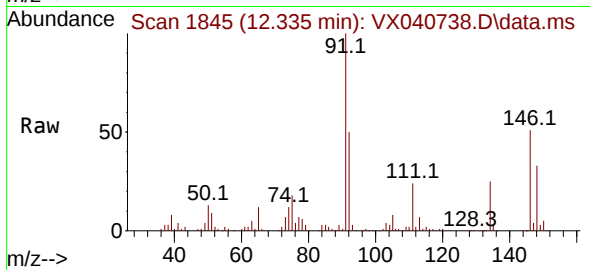
Tgt Ion:146 Resp: 2491
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations

APPROVED

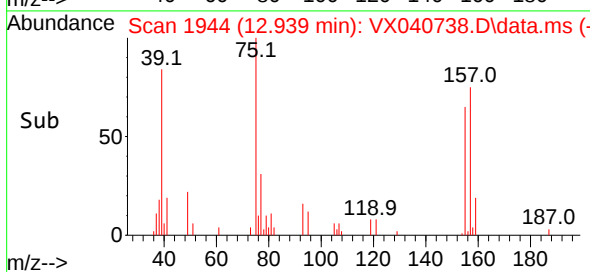
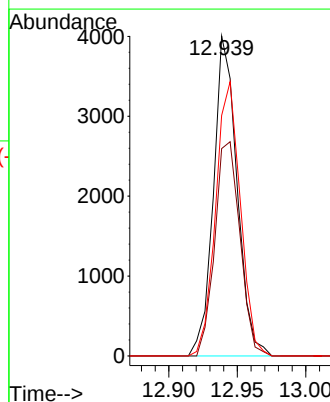
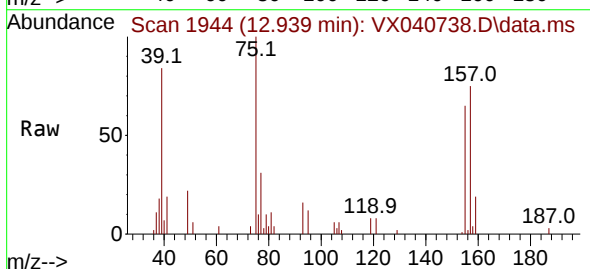
Reviewed By :John Carlone 03/25/2024

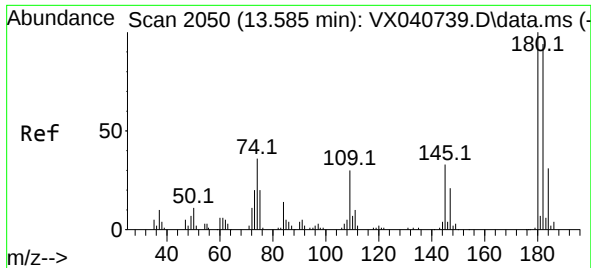
Supervised By :Mahesh Dadoda 03/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.264 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

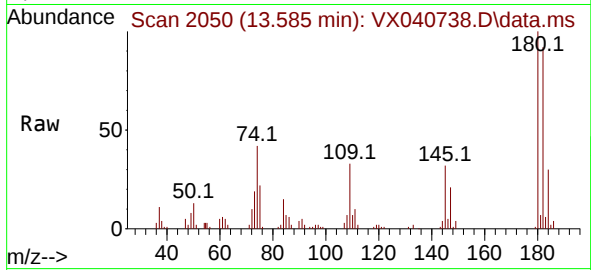
Tgt Ion: 75 Resp: 4783
Ion Ratio Lower Upper
75 100
155 71.6 36.1 108.5
157 89.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 18.800 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51

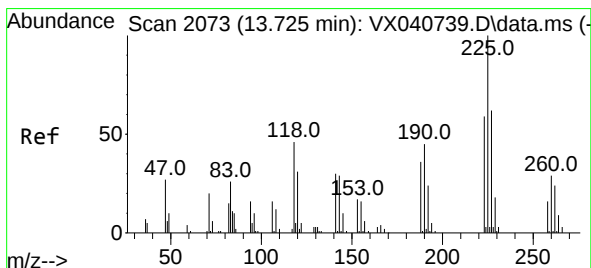
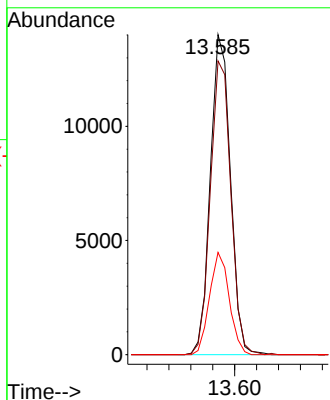
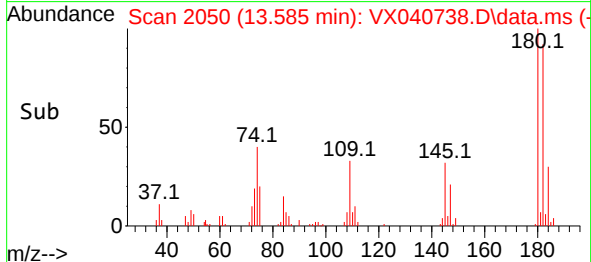
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



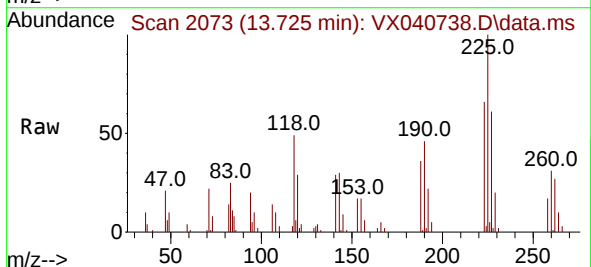
Tgt Ion:180 Resp: 17824
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.8
145 31.5 18.0 54.0

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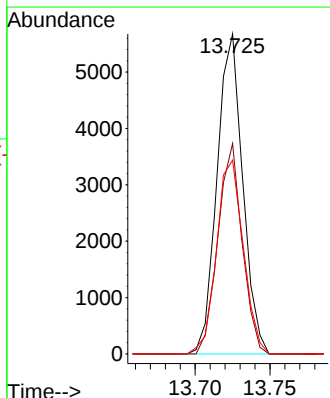
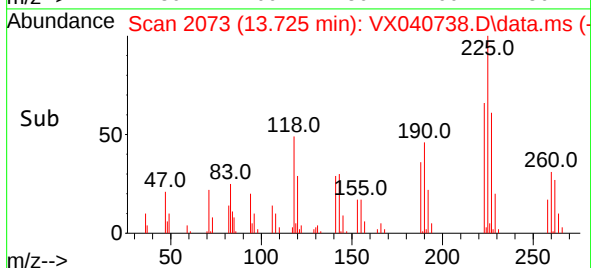
Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

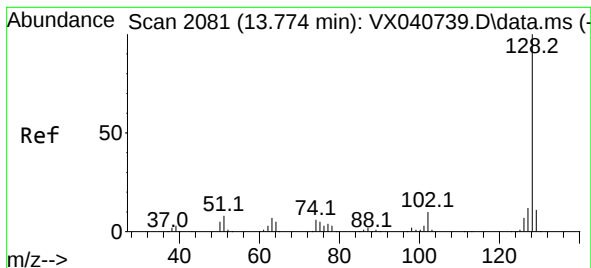


#94
Hexachlorobutadiene
Concen: 18.127 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040738.D
Acq: 21 Mar 2024 10:51



Tgt Ion:225 Resp: 6774
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 63.0 32.5 97.5





#95

Naphthalene

Concen: 18.815 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:128 Resp: 5643

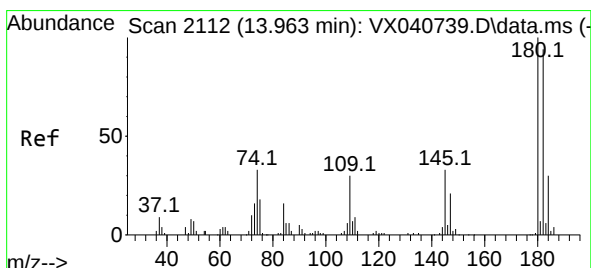
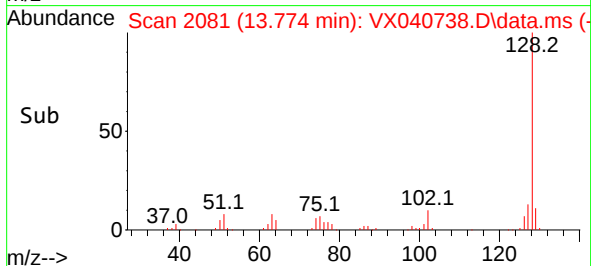
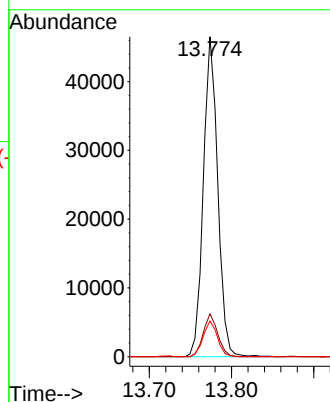
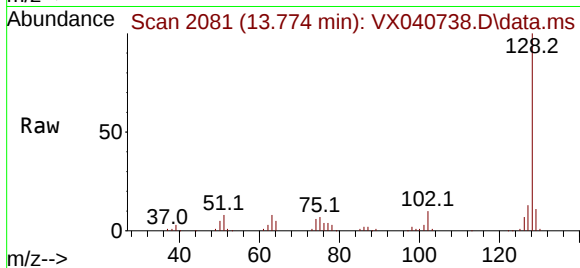
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

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Reviewed By :John Carlone 03/25/2024

Supervised By :Mahesh Dadoda 03/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.069 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion:180 Resp: 16831

Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.6
145	35.2	17.8	53.5

