

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040783.D
 Acq On : 25 Mar 2024 09:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 04:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	51899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	86072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	76293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	37956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	43779	50.167	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.340%			
35) Dibromofluoromethane	5.379	113	31406	48.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.520%			
50) Toluene-d8	8.647	98	103500	46.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.860%			
62) 4-Bromofluorobenzene	11.079	95	42159	48.388	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	38004	56.586	ug/l	98
3) Chloromethane	1.301	50	32595	47.449	ug/l	97
4) Vinyl Chloride	1.374	62	36058	55.435	ug/l	100
5) Bromomethane	1.606	94	26693	60.876	ug/l	100
6) Chloroethane	1.685	64	22249	48.663	ug/l	94
7) Trichlorofluoromethane	1.886	101	59372	52.167	ug/l	98
8) Diethyl Ether	2.136	74	18885	51.622	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	35490	54.227	ug/l	99
10) Methyl Iodide	2.453	142	44099	50.892	ug/l	100
11) Tert butyl alcohol	2.947	59	34776	248.858	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	32057	52.294	ug/l	99
13) Acrolein	2.233	56	20578	248.833	ug/l	94
14) Allyl chloride	2.666	41	57106	51.978	ug/l	88
15) Acrylonitrile	3.056	53	91986	266.646	ug/l	98
16) Acetone	2.374	43	74530	241.120	ug/l	99
17) Carbon Disulfide	2.514	76	89991	51.107	ug/l	99
18) Methyl Acetate	2.697	43	41515	50.114	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	111866	52.872	ug/l	98
20) Methylene Chloride	2.788	84	35013	51.820	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	33701	52.076	ug/l	97
22) Diisopropyl ether	3.751	45	114791	53.545	ug/l	93
23) Vinyl Acetate	3.715	43	543969	268.435	ug/l	99
24) 1,1-Dichloroethane	3.605	63	64412	52.310	ug/l	98
25) 2-Butanone	4.544	43	121827	251.636	ug/l	96
26) 2,2-Dichloropropane	4.471	77	58118	54.096	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	39502	52.695	ug/l	99
28) Bromochloromethane	4.891	49	27452	48.745	ug/l	98
29) Tetrahydrofuran	4.989	42	86956	270.026	ug/l	100
30) Chloroform	5.087	83	71338	54.114	ug/l	97
31) Cyclohexane	5.471	56	54718	52.773	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	62756	55.384	ug/l	98
36) 1,1-Dichloropropene	5.690	75	48807	51.469	ug/l	99
37) Ethyl Acetate	4.703	43	53897	50.053	ug/l	98
38) Carbon Tetrachloride	5.672	117	55990	52.457	ug/l	98
39) Methylcyclohexane	7.373	83	57018	54.274	ug/l	99
40) Benzene	6.032	78	135219	51.640	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	30158	54.161	ug/l	97
42) 1,2-Dichloroethane	6.080	62	57170	53.955	ug/l	98
43) Isopropyl Acetate	6.330	43	90979	53.805	ug/l	98
44) Trichloroethene	7.123	130	34902	55.610	ug/l	99
45) 1,2-Dichloropropane	7.422	63	33272	54.158	ug/l	97
46) Dibromomethane	7.574	93	27386	56.284	ug/l	99
47) Bromodichloromethane	7.818	83	56874	57.205	ug/l	99
48) Methyl methacrylate	7.684	41	45184	58.465	ug/l	94
49) 1,4-Dioxane	7.647	88	13494	1034.561	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	275253	262.488	ug/l	96
52) Toluene	8.714	92	77714	49.764	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	50377	48.982	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	57334	53.902	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	30397	47.797	ug/l	95
56) Ethyl methacrylate	9.110	69	52095	49.007	ug/l #	94
57) 1,3-Dichloropropane	9.305	76	53341	49.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	154114	276.244	ug/l	97
59) 2-Hexanone	9.427	43	196585	242.003	ug/l	98
60) Dibromochloromethane	9.519	129	39391	52.710	ug/l	99
61) 1,2-Dibromoethane	9.604	107	35002	52.120	ug/l	99
64) Tetrachloroethene	9.269	164	28123	49.488	ug/l	96
65) Chlorobenzene	10.080	112	94175	54.425	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32511	55.212	ug/l	98
67) Ethyl Benzene	10.189	91	170271	54.945	ug/l	97
68) m/p-Xylenes	10.299	106	124930	110.110	ug/l	93
69) o-Xylene	10.640	106	60262	55.288	ug/l	94
70) Styrene	10.653	104	103094	56.501	ug/l	97
71) Bromoform	10.799	173	28282	58.806	ug/l #	99
73) Isopropylbenzene	10.957	105	165378	57.423	ug/l	100
74) N-amyl acetate	10.842	43	82323	58.057	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	51990	53.324	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45366m	55.573	ug/l	
77) Bromobenzene	11.195	156	37858	54.308	ug/l	99
78) n-propylbenzene	11.305	91	197238	55.544	ug/l	97
79) 2-Chlorotoluene	11.360	91	110008	53.689	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	133344	55.230	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19068	59.091	ug/l #	89
82) 4-Chlorotoluene	11.451	91	136334	53.049	ug/l	100
83) tert-Butylbenzene	11.713	119	132603	54.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134762	55.459	ug/l	100
85) sec-Butylbenzene	11.890	105	169632	55.087	ug/l	99
86) p-Isopropyltoluene	12.006	119	143313	56.125	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	72365	54.360	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	73182	51.764	ug/l	98
89) n-Butylbenzene	12.329	91	145680	56.577	ug/l	96
90) Hexachloroethane	12.536	117	27561	61.987	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	72064	55.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14187	58.278	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	52030	55.975	ug/l	97
94) Hexachlorobutadiene	13.725	225	20456	55.832	ug/l	99
95) Naphthalene	13.774	128	170573	58.003	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	50225	54.996	ug/l	99

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

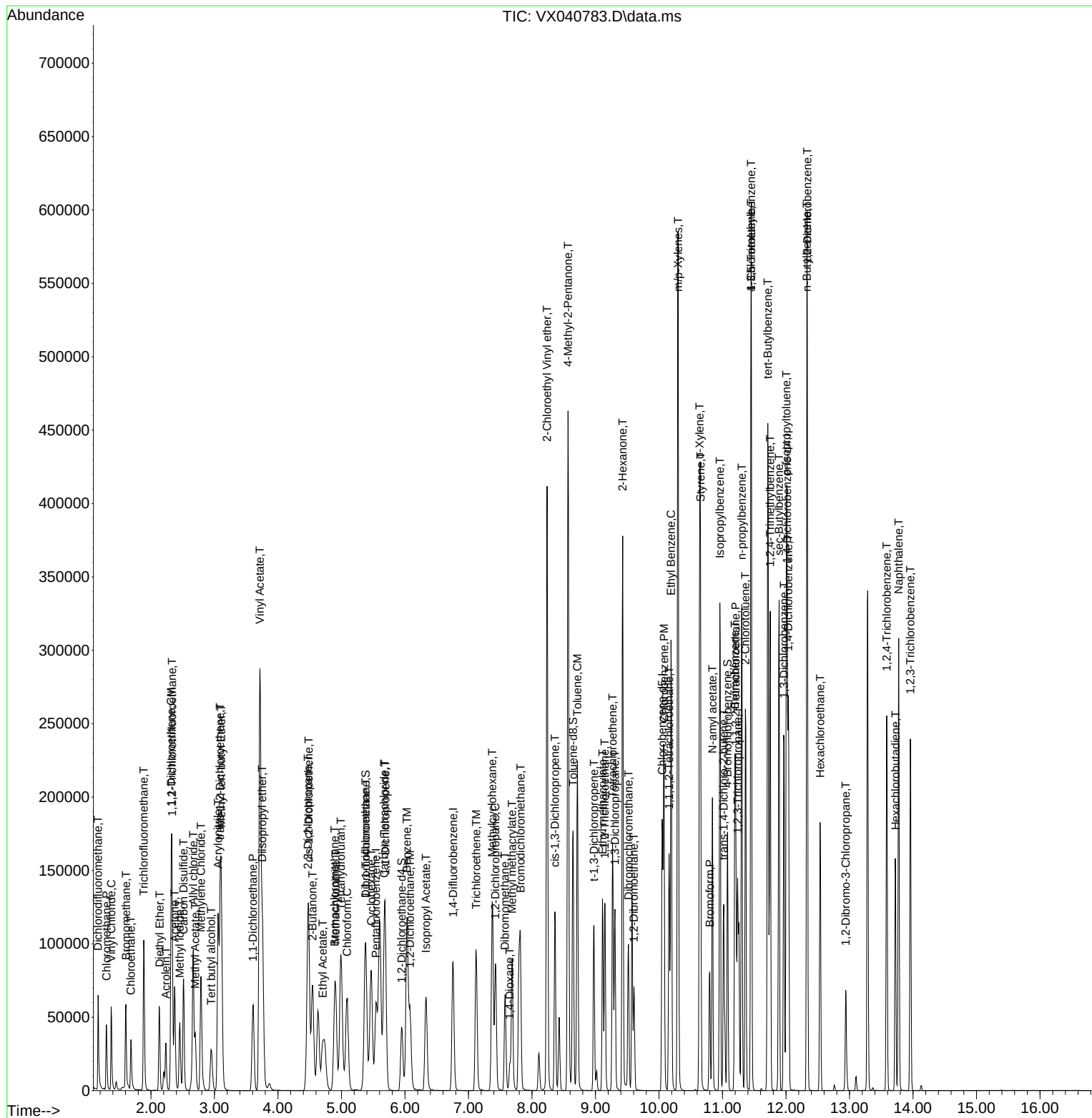
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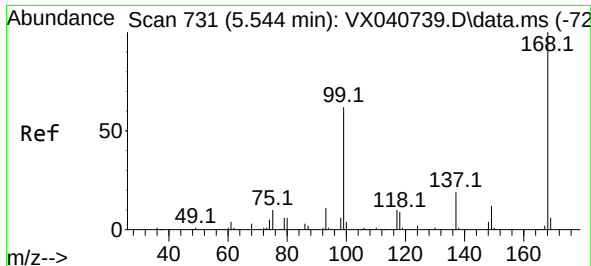
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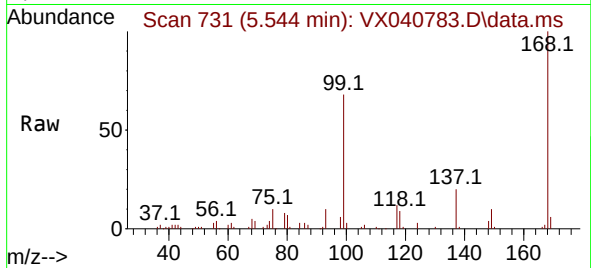
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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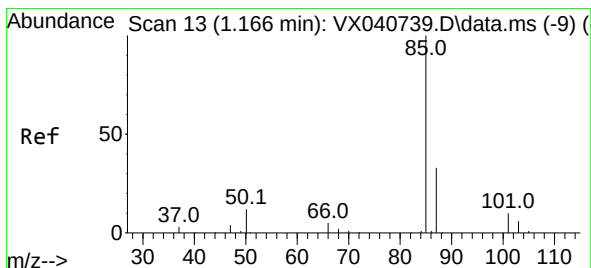
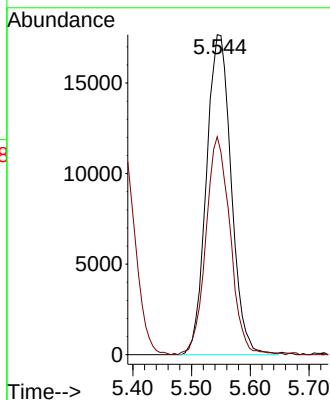
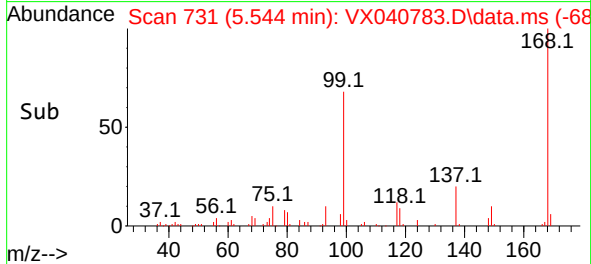
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 51899
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0

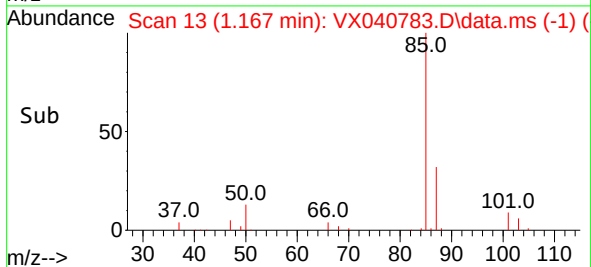
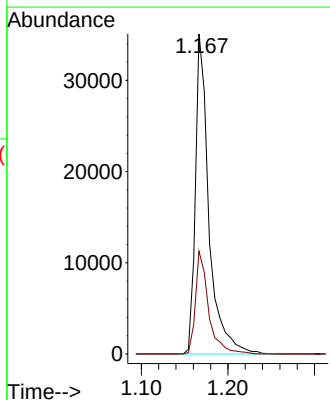
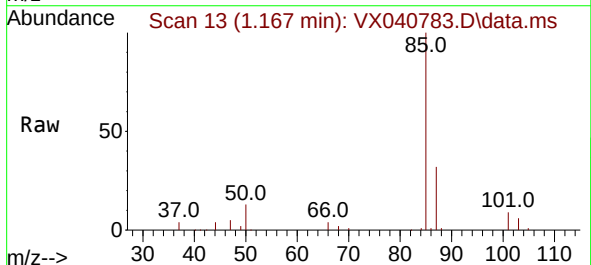
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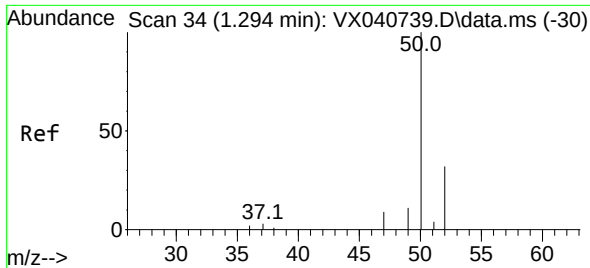
Reviewed By :John Carlone 03/26/2024
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#2
Dichlorodifluoromethane
Concen: 56.586 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 85 Resp: 38004
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





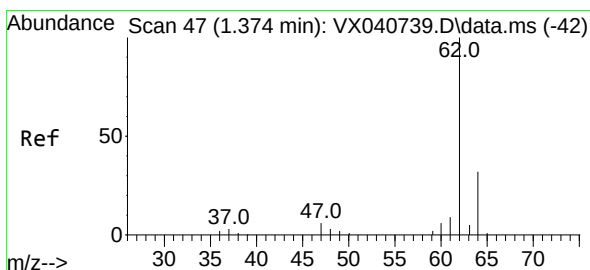
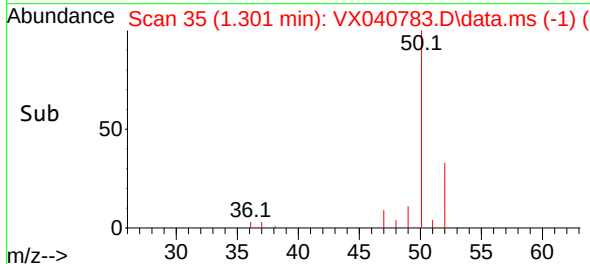
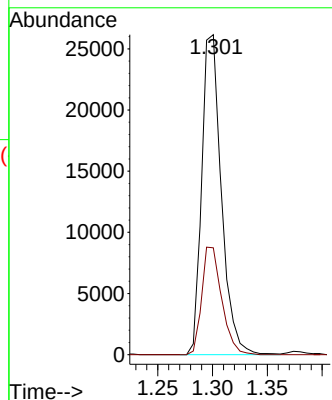
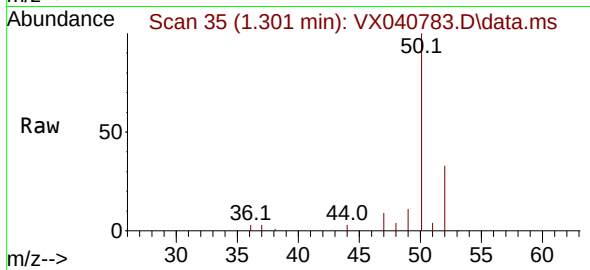
#3
Chloromethane
Concen: 47.449 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 3259
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

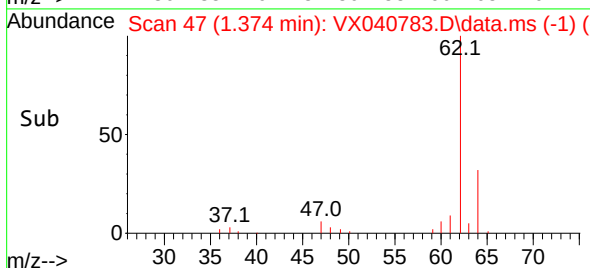
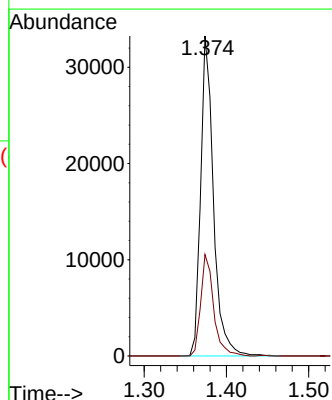
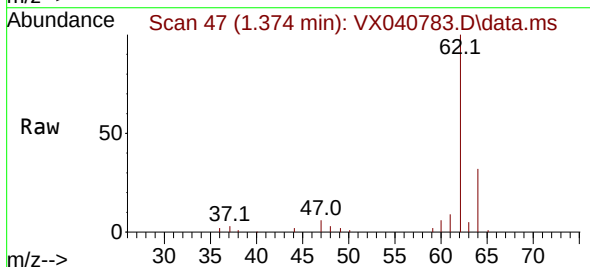
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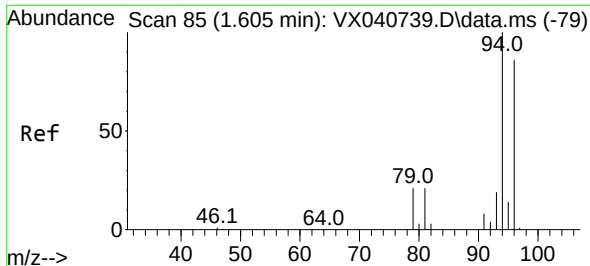
Reviewed By :John Carlone 03/26/2024
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#4
Vinyl Chloride
Concen: 55.435 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 62 Resp: 36058
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





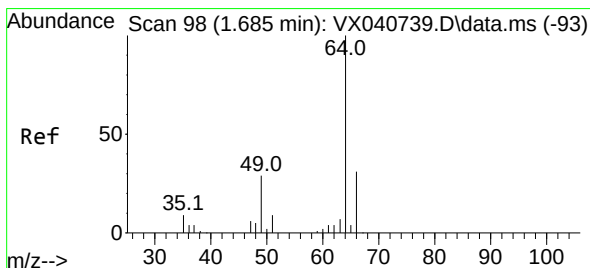
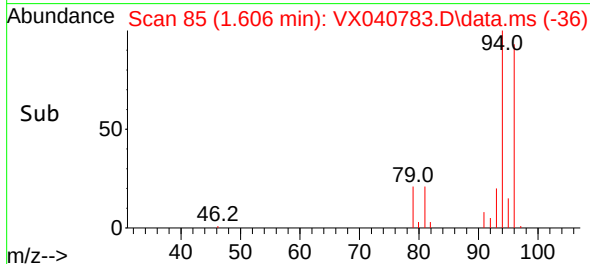
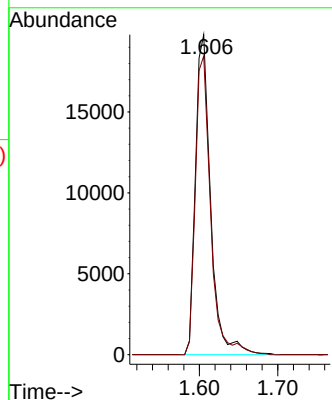
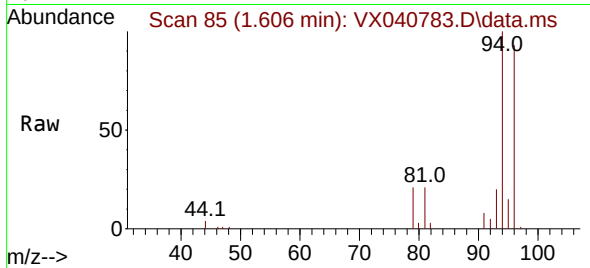
#5
Bromomethane
Concen: 60.876 ug/l
RT: 1.606 min Scan# 85
Delta R.T. 0.001 min
Lab File: VX040783.D
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Tgt Ion: 94 Resp: 2669
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8

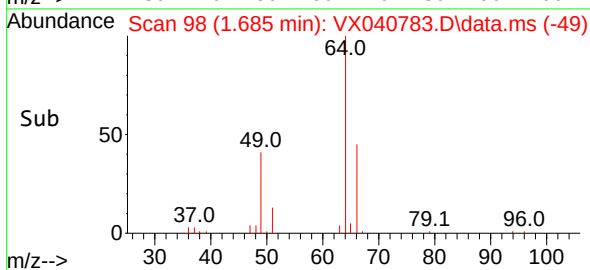
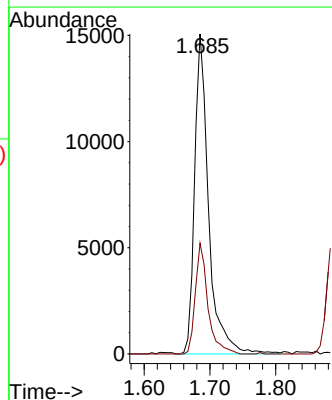
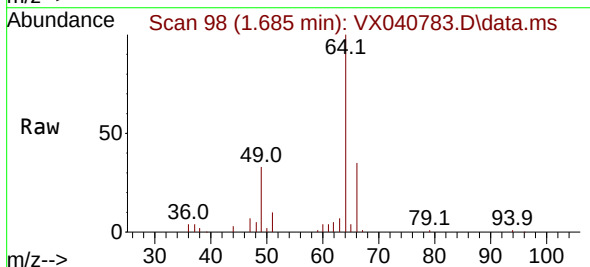
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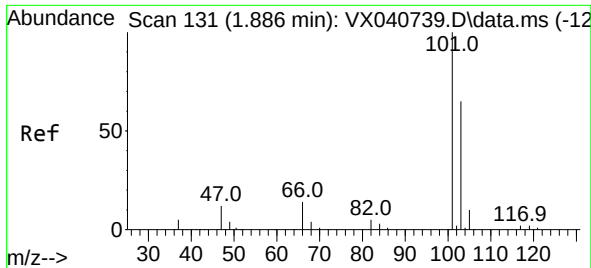
Reviewed By :John Carlone 03/26/2024
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#6
Chloroethane
Concen: 48.663 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

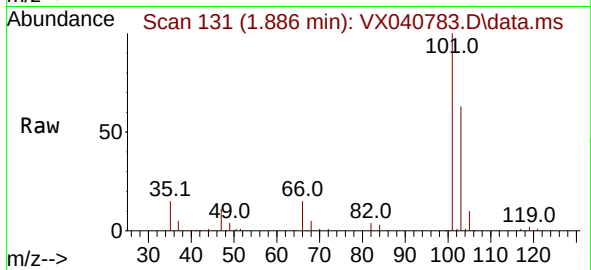
Tgt Ion: 64 Resp: 22249
Ion Ratio Lower Upper
64 100
66 34.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.167 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

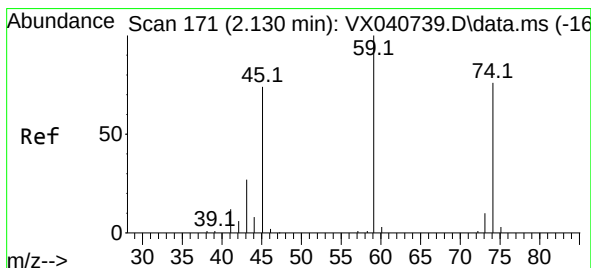
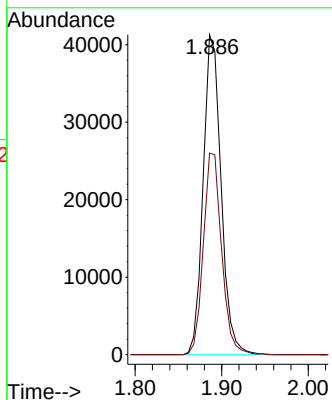
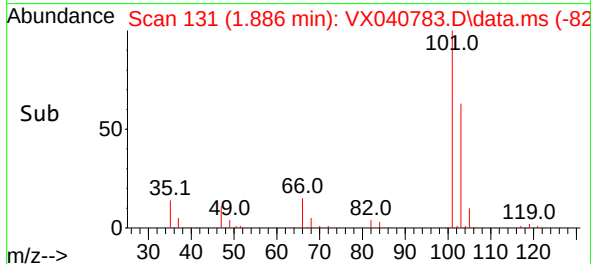
Instrument :
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Tgt Ion:101 Resp: 59372
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

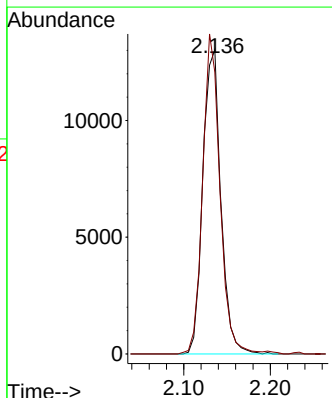
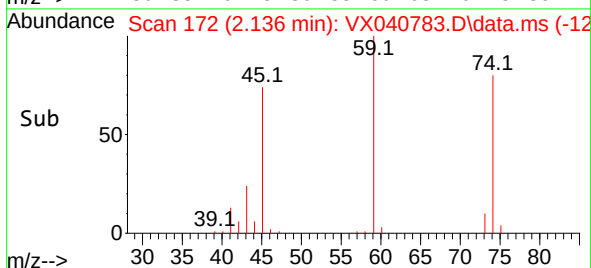
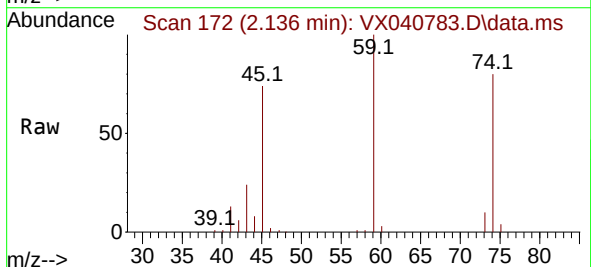
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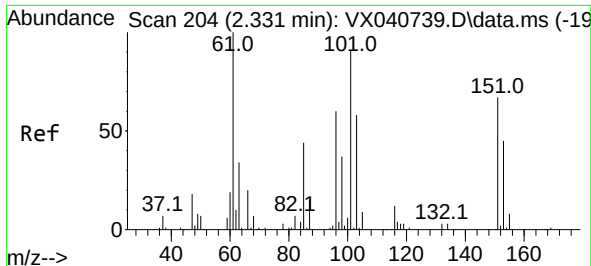
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#8
Diethyl Ether
Concen: 51.622 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 74 Resp: 18885
Ion Ratio Lower Upper
74 100
45 101.1 53.3 159.8





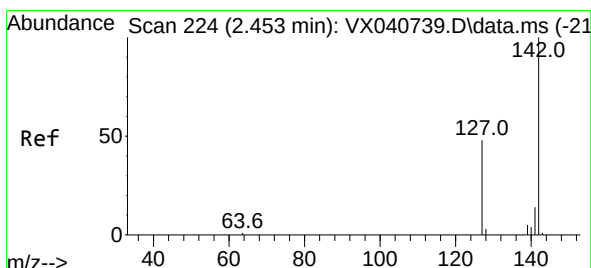
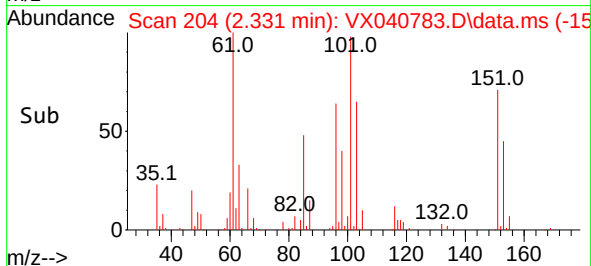
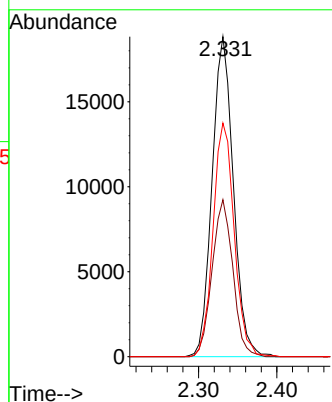
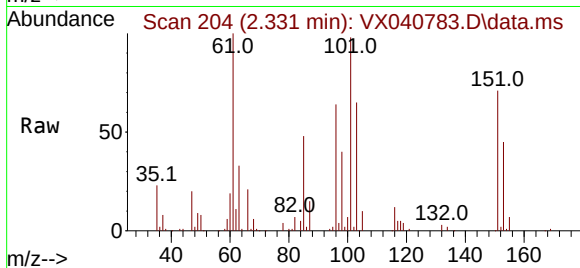
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.227 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 35490
Ion Ratio Lower Upper
101 100
85 47.8 37.0 55.6
151 72.7 58.6 87.8

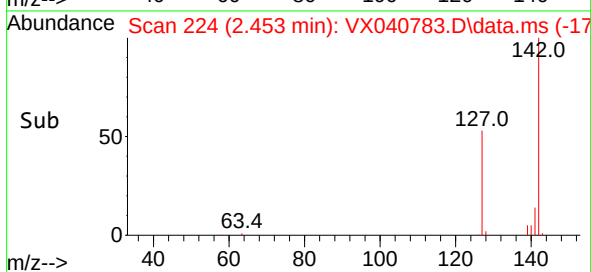
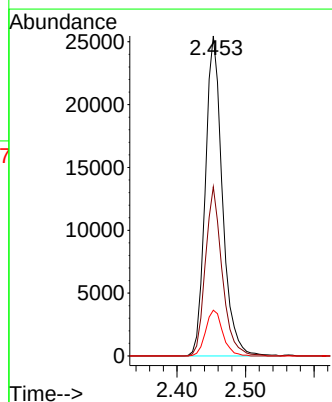
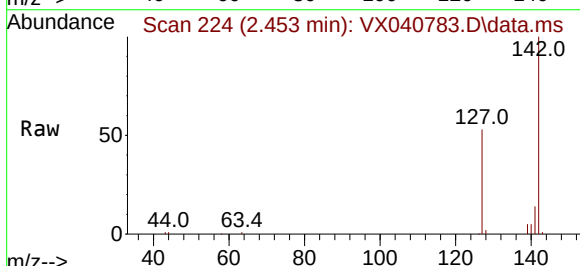
Manual Integrations
APPROVED

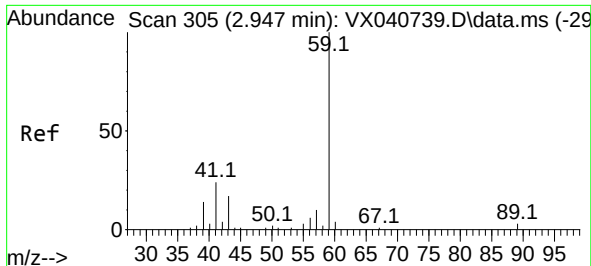
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#10
Methyl Iodide
Concen: 50.892 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion:142 Resp: 44099
Ion Ratio Lower Upper
142 100
127 51.9 41.6 62.4
141 14.3 11.6 17.4





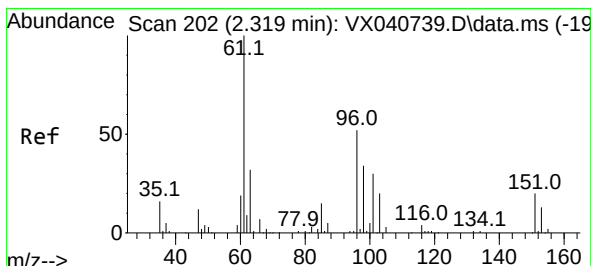
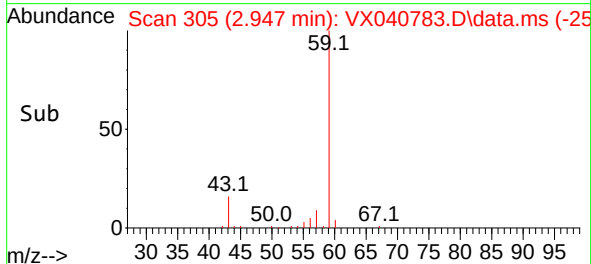
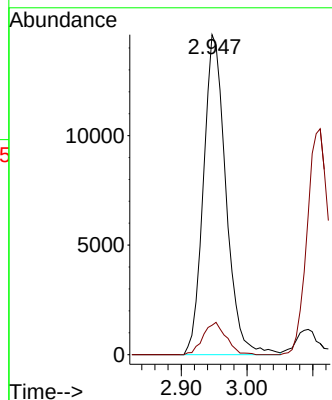
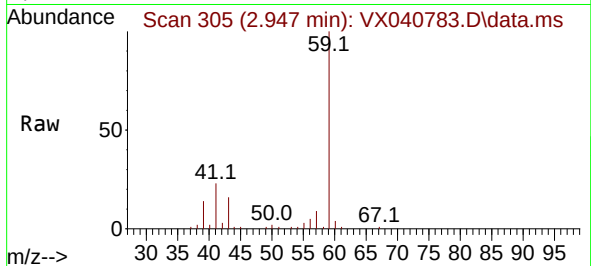
#11
Tert butyl alcohol
Concen: 248.858 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 34770
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

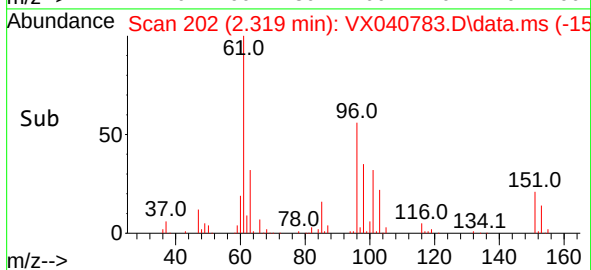
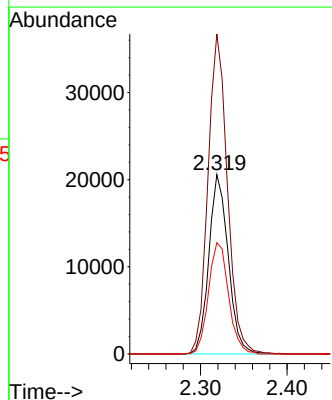
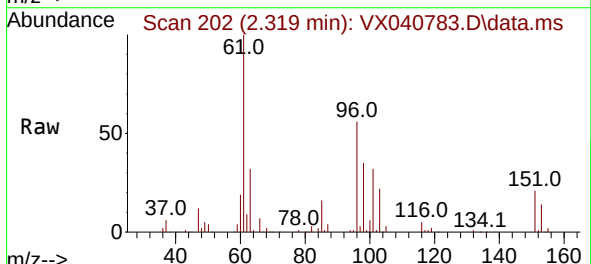
Manual Integrations
APPROVED

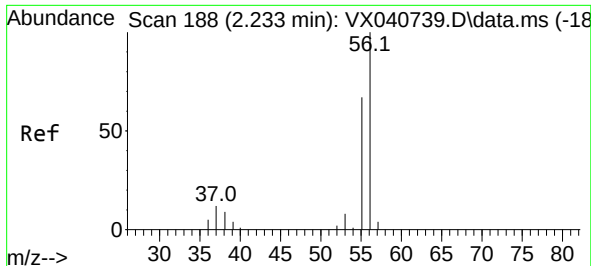
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#12
1,1-Dichloroethene
Concen: 52.294 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

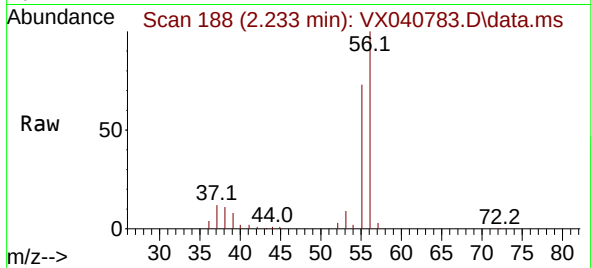
Tgt Ion: 96 Resp: 32057
Ion Ratio Lower Upper
96 100
61 178.5 144.6 216.8
98 62.0 50.4 75.6





#13
Acrolein
Concen: 248.833 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

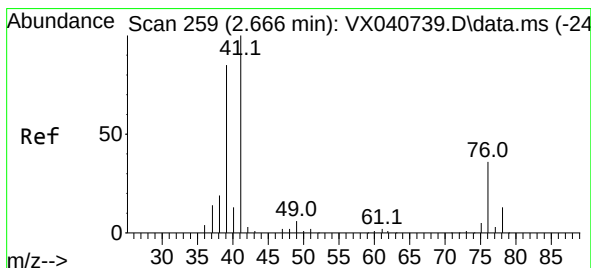
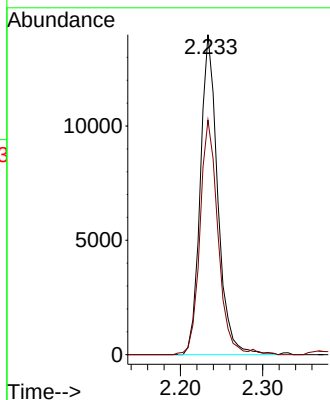
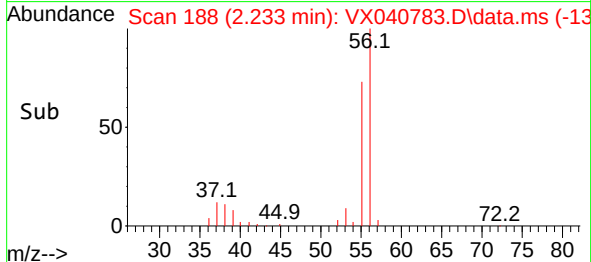
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



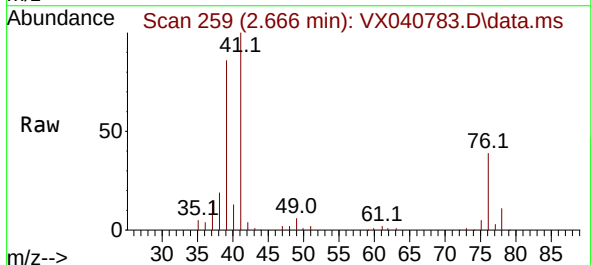
Tgt Ion: 56 Resp: 20578
Ion Ratio Lower Upper
56 100
55 76.4 57.1 85.7

Manual Integrations
APPROVED

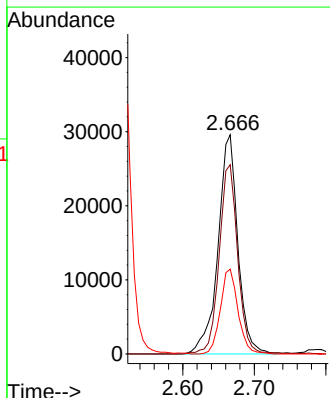
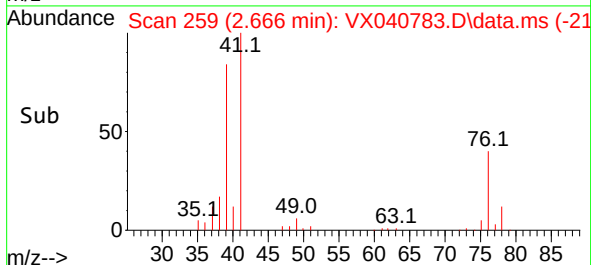
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

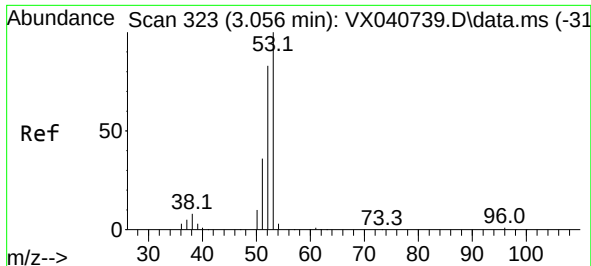


#14
Allyl chloride
Concen: 51.978 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



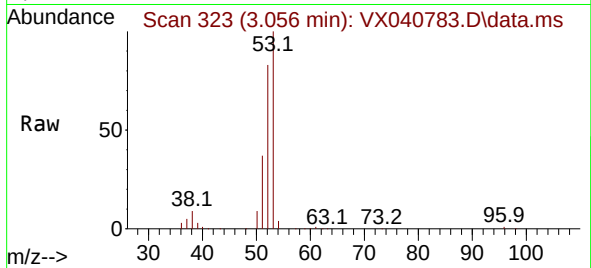
Tgt Ion: 41 Resp: 57106
Ion Ratio Lower Upper
41 100
39 80.7 55.8 83.6
76 34.3 24.3 36.5





#15
Acrylonitrile
Concen: 266.646 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

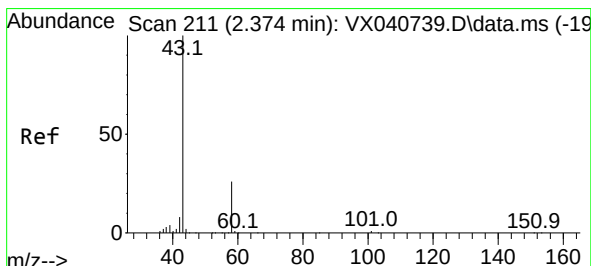
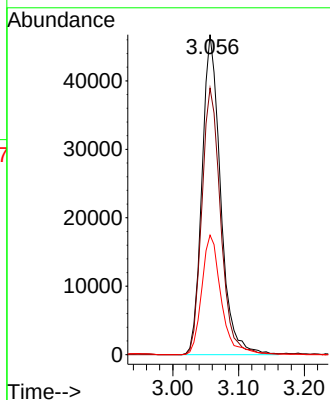
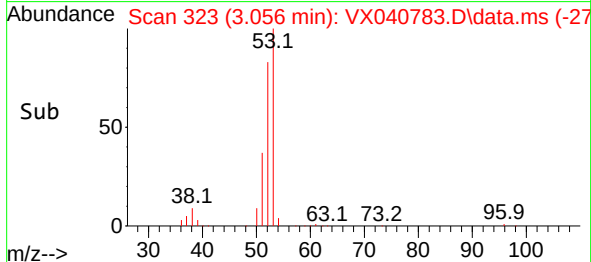
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



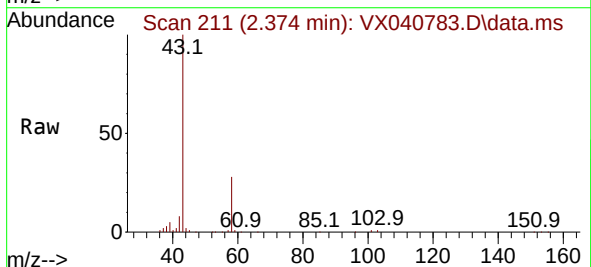
Tgt Ion: 53 Resp: 91980
Ion Ratio Lower Upper
53 100
52 84.4 66.0 99.0
51 39.0 29.8 44.6

Manual Integrations
APPROVED

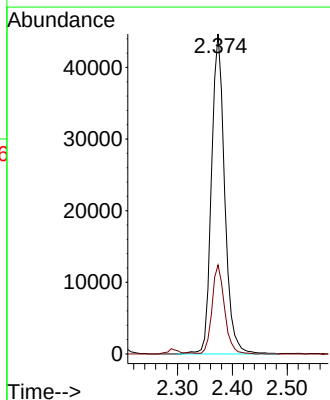
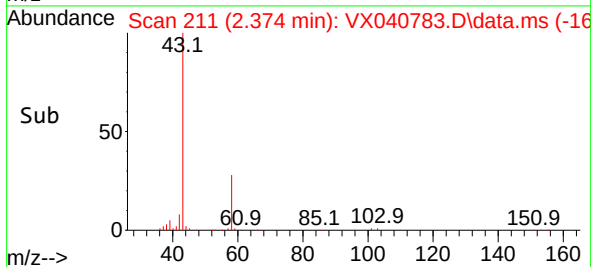
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

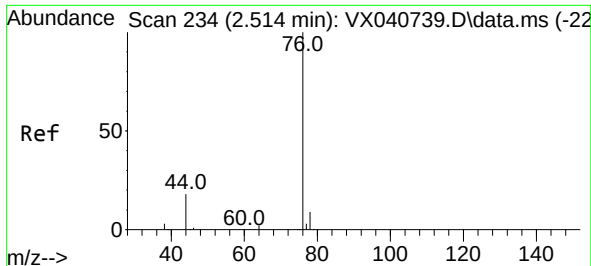


#16
Acetone
Concen: 241.120 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



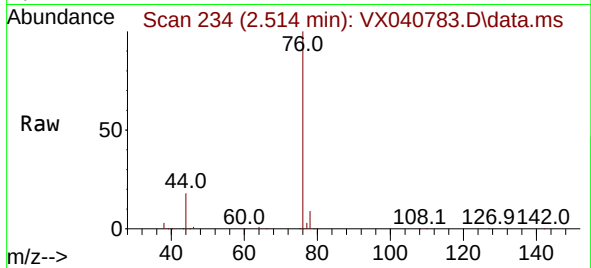
Tgt Ion: 43 Resp: 74530
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9





#17
Carbon Disulfide
Concen: 51.107 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

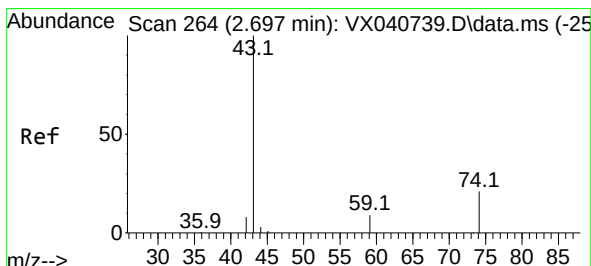
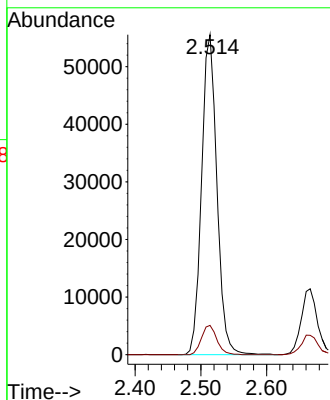
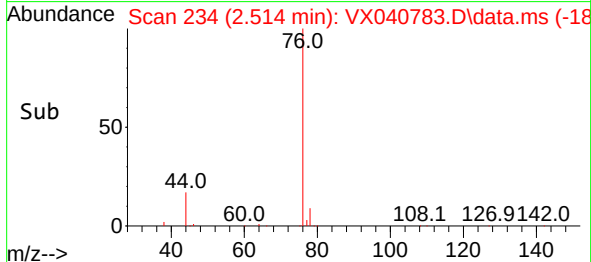
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 8999
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

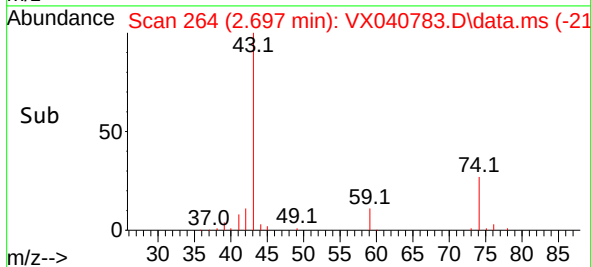
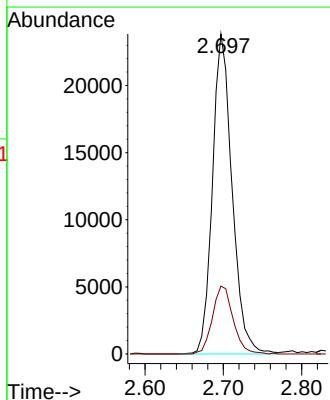
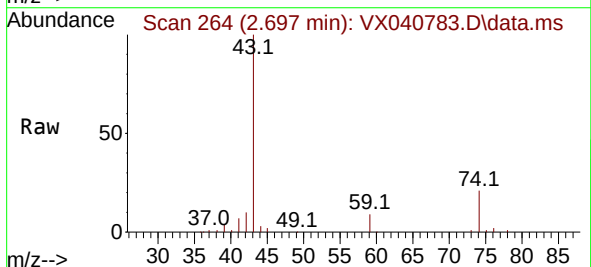
Manual Integrations
APPROVED

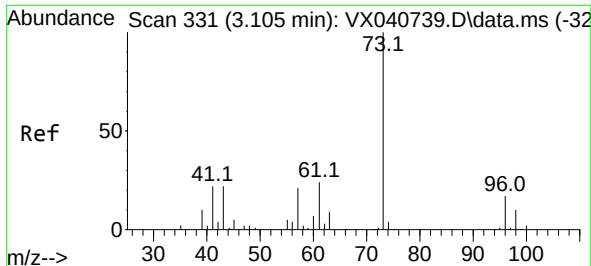
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#18
Methyl Acetate
Concen: 50.114 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

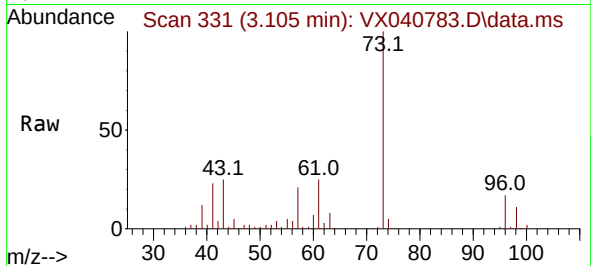
Tgt Ion: 43 Resp: 41515
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 52.872 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

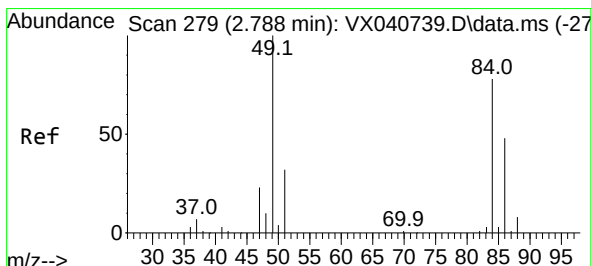
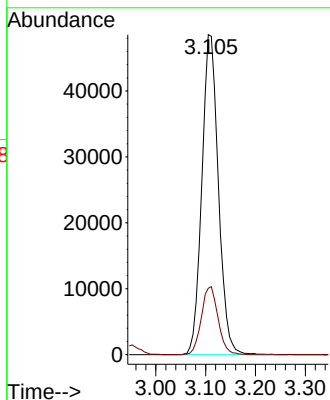
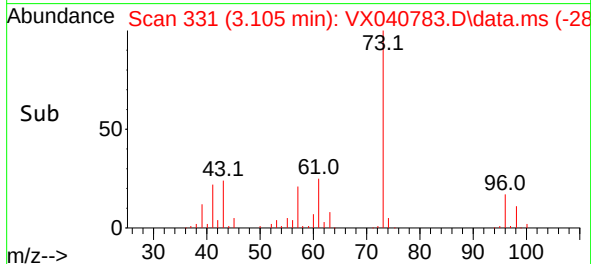
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 111860
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

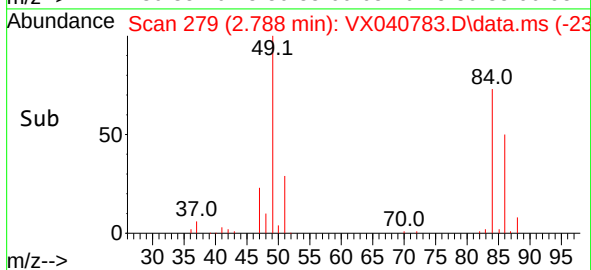
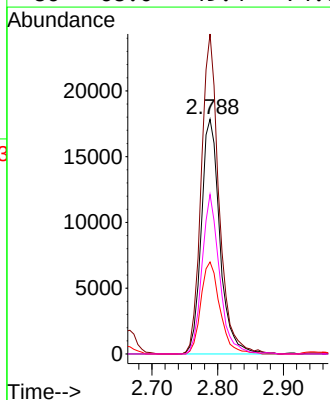
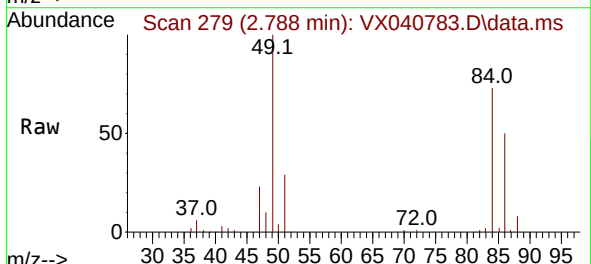
Manual Integrations
APPROVED

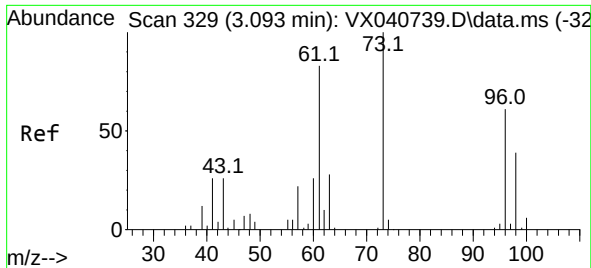
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#20
Methylene Chloride
Concen: 51.820 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

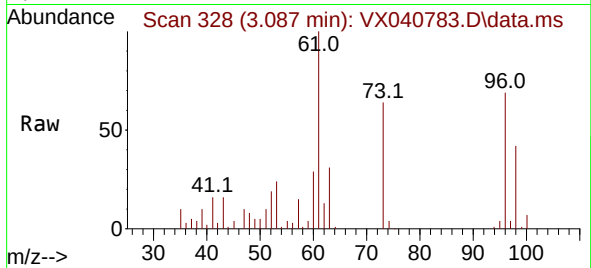
Tgt Ion: 84 Resp: 35013
Ion Ratio Lower Upper
84 100
49 136.4 103.6 155.4
51 39.2 33.8 50.6
86 68.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.076 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

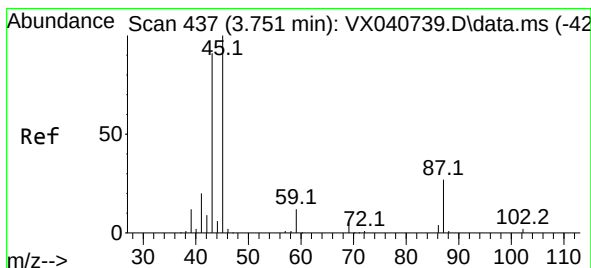
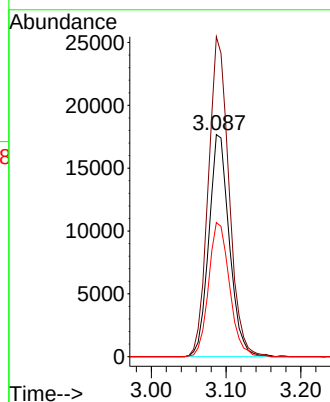
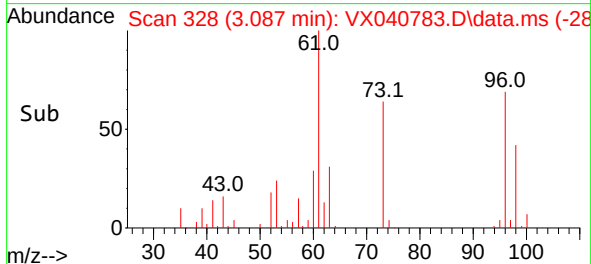
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 3370
Ion Ratio Lower Upper
96 100
61 144.1 119.2 178.8
98 60.4 48.7 73.1

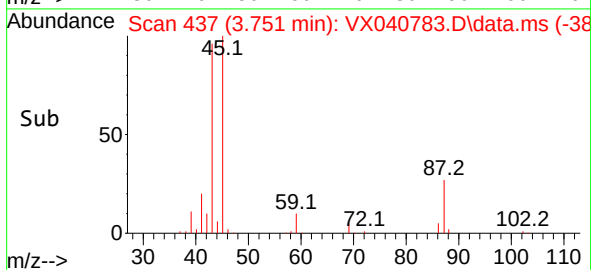
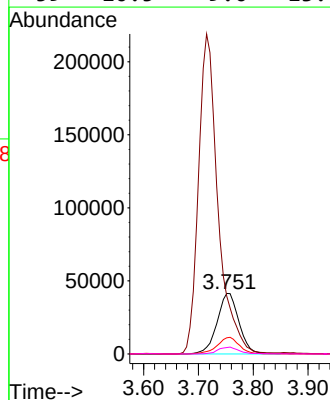
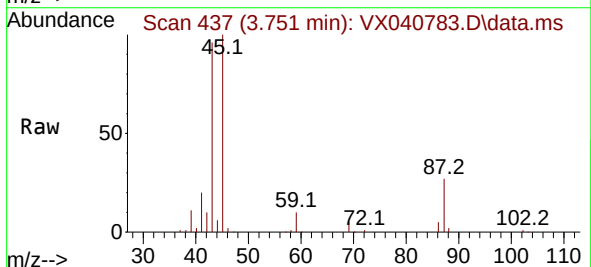
Manual Integrations
APPROVED

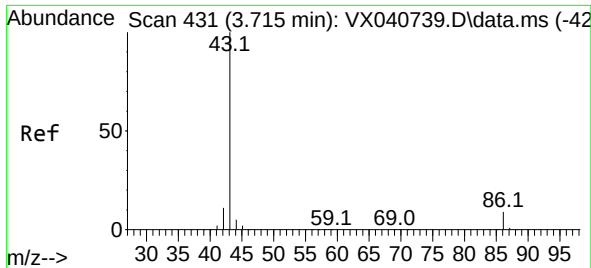
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#22
Diisopropyl ether
Concen: 53.545 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 45 Resp: 114791
Ion Ratio Lower Upper
45 100
43 95.3 69.7 104.5
87 26.7 20.8 31.2
59 10.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 268.435 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX040783.D
 Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

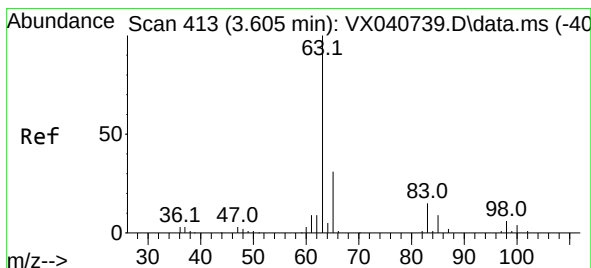
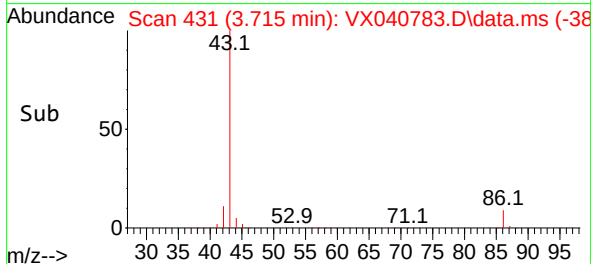
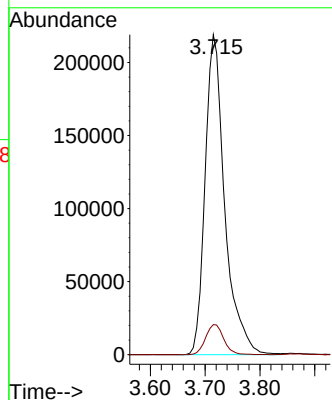
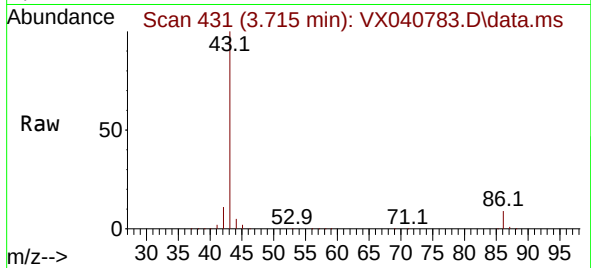
VSTDCCC050

Tgt Ion: 43 Resp: 543969
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

Manual Integrations

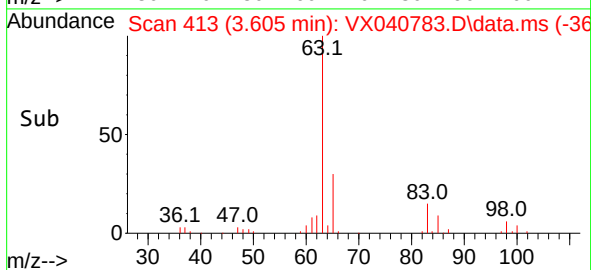
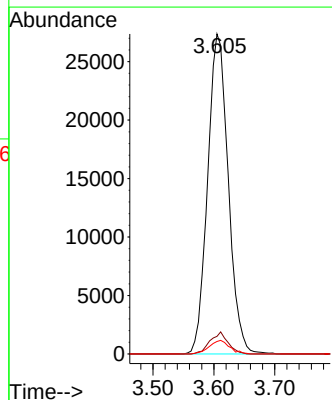
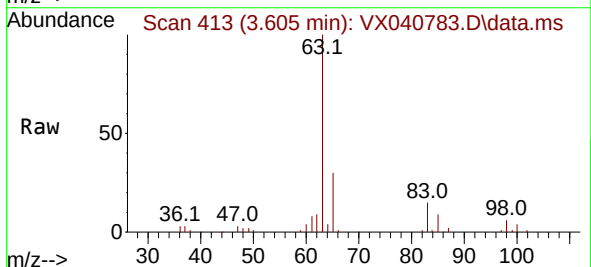
APPROVED

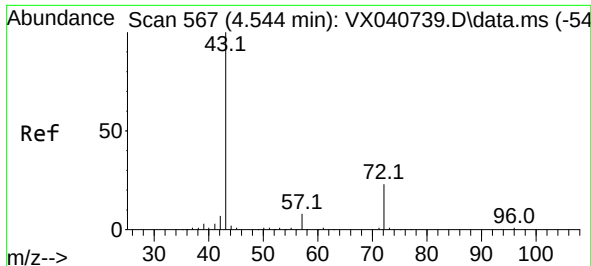
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#24
 1,1-Dichloroethane
 Concen: 52.310 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040783.D
 Acq: 25 Mar 2024 09:03

Tgt Ion: 63 Resp: 64412
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 3.9 2.1 6.5





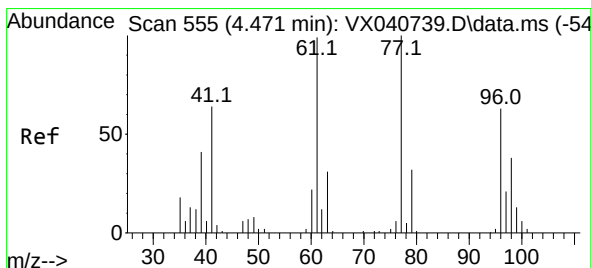
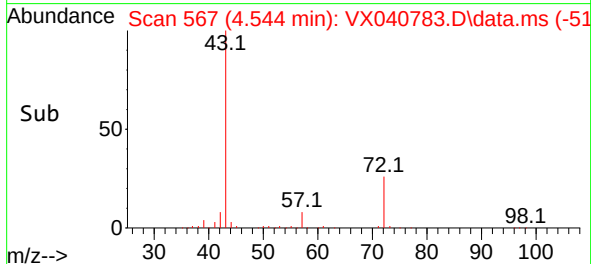
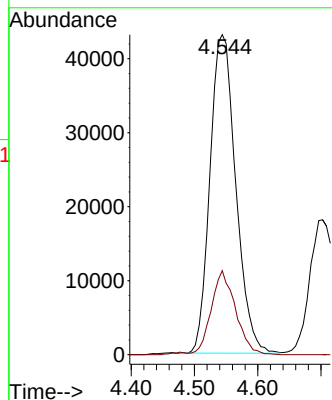
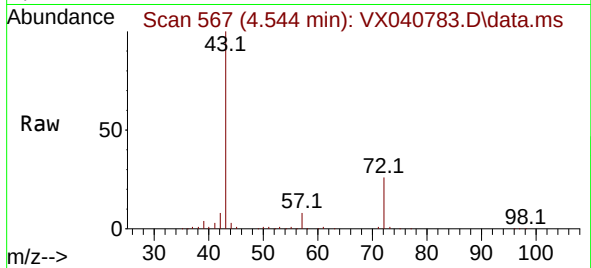
#25
2-Butanone
Concen: 251.636 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 12182
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

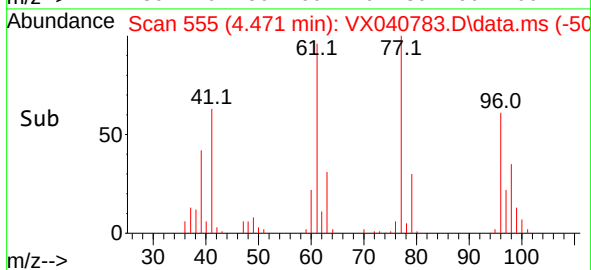
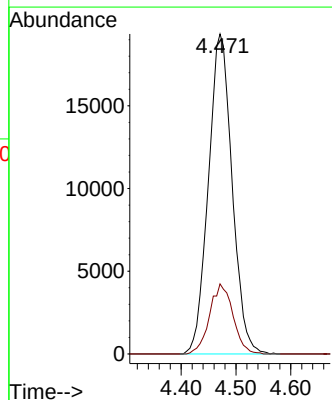
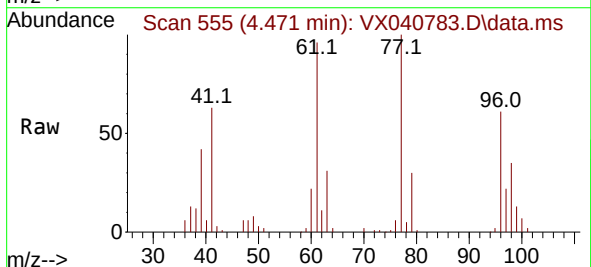
Manual Integrations
APPROVED

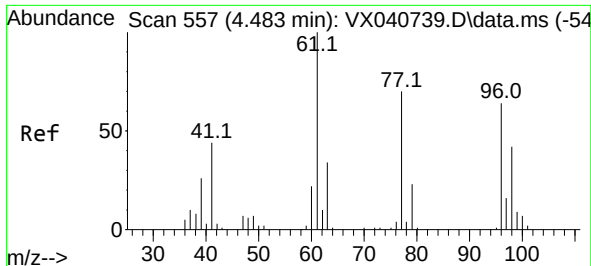
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#26
2,2-Dichloropropane
Concen: 54.096 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 77 Resp: 58118
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.695 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 39502

Ion Ratio Lower Upper

96 100

61 157.6 0.0 312.2

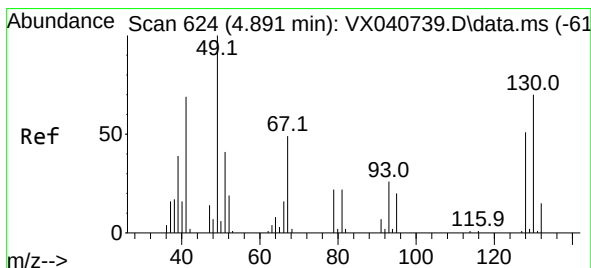
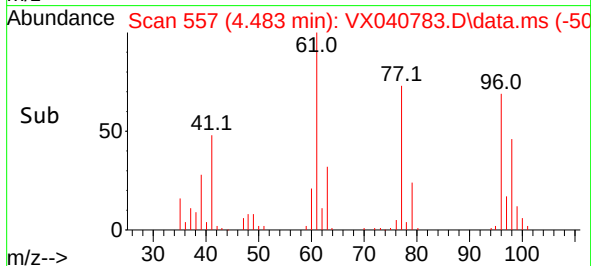
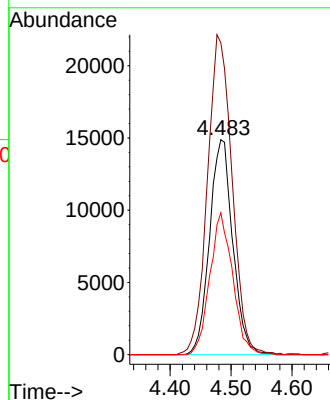
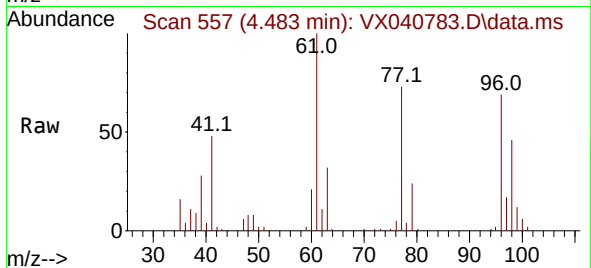
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#28

Bromochloromethane

Concen: 48.745 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

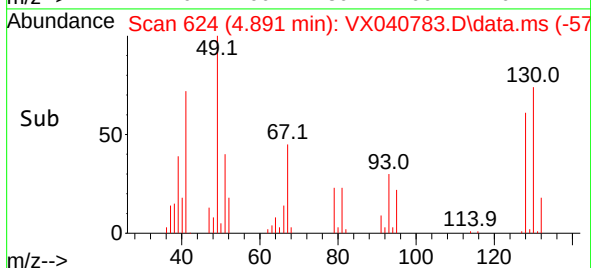
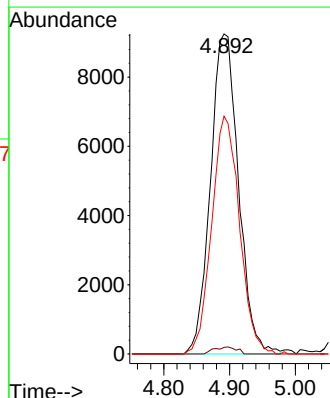
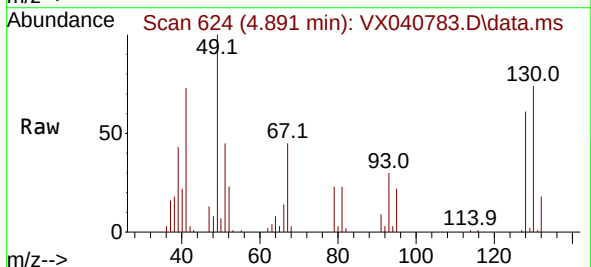
Tgt Ion: 49 Resp: 27452

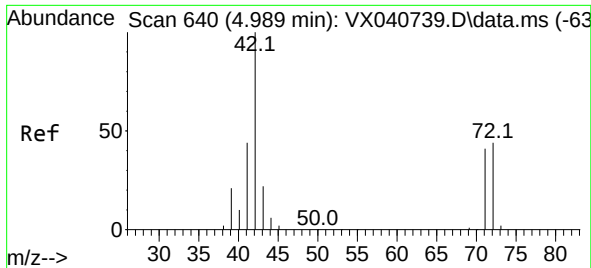
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

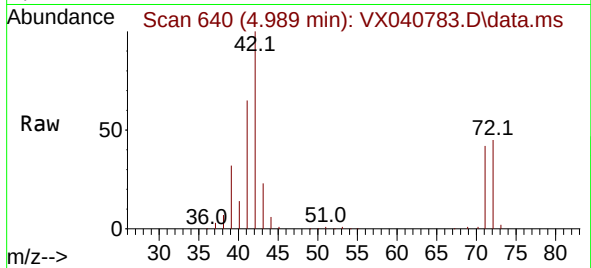
130 73.6 57.5 86.3





#29
Tetrahydrofuran
Concen: 270.026 ug/l
RT: 4.989 min Scan# 640
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

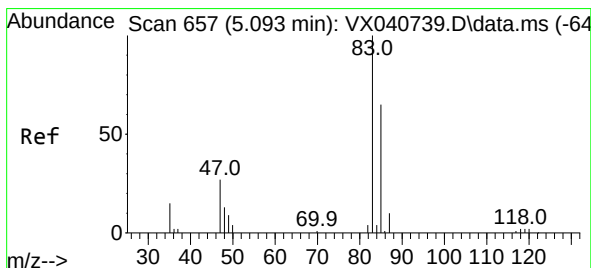
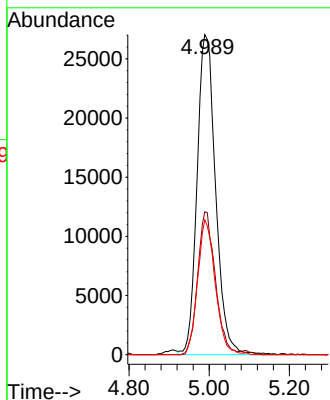
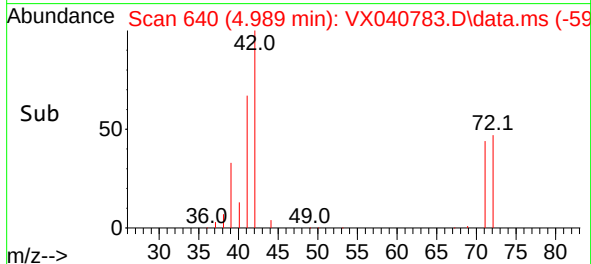
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 86950
Ion Ratio Lower Upper
42 100
72 42.6 34.2 51.4
71 40.0 32.2 48.2

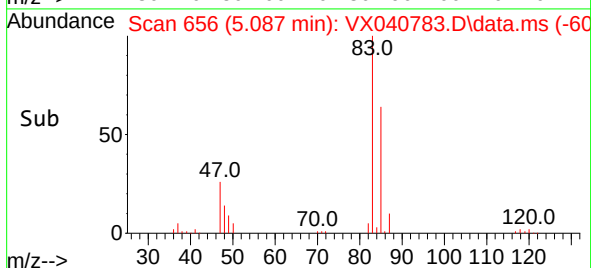
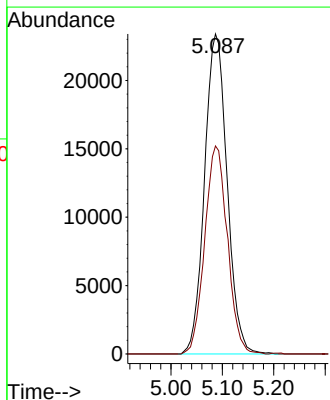
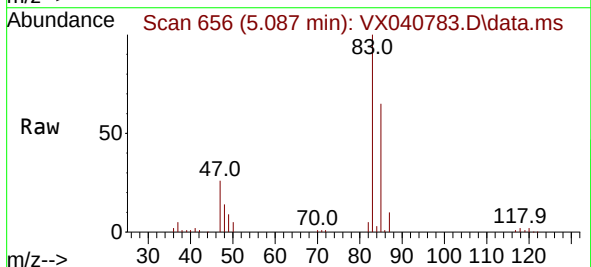
Manual Integrations
APPROVED

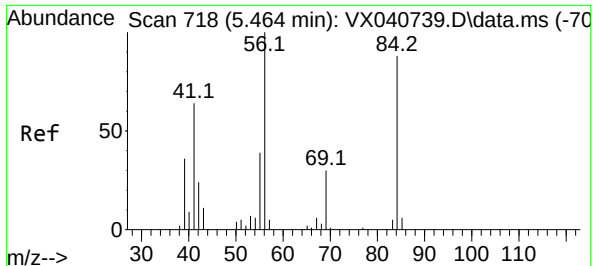
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#30
Chloroform
Concen: 54.114 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 83 Resp: 71338
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5





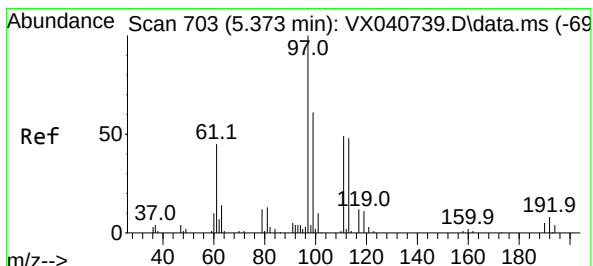
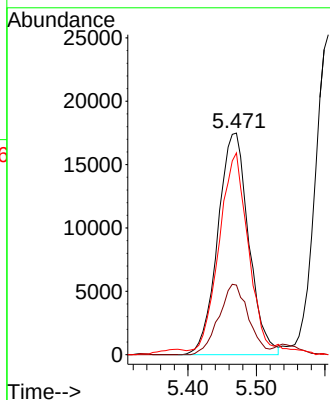
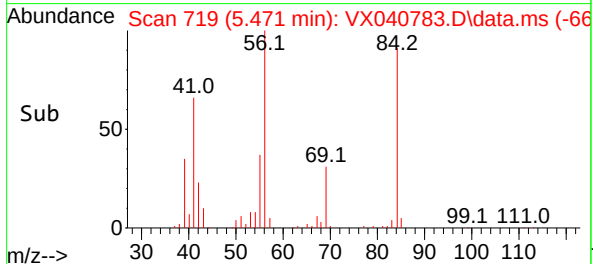
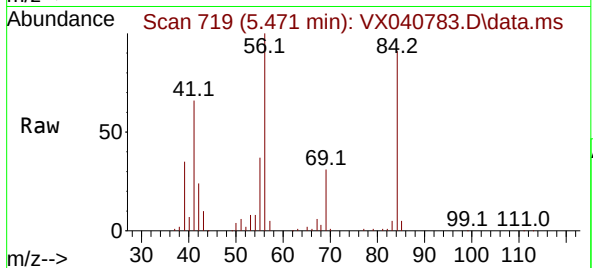
#31
Cyclohexane
Concen: 52.773 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 54718
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 88.5 65.9 98.9

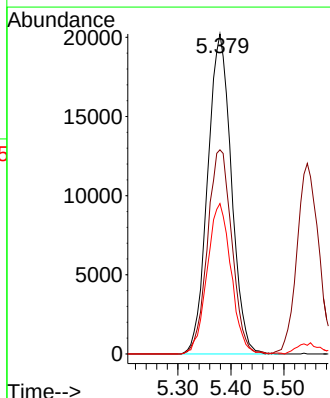
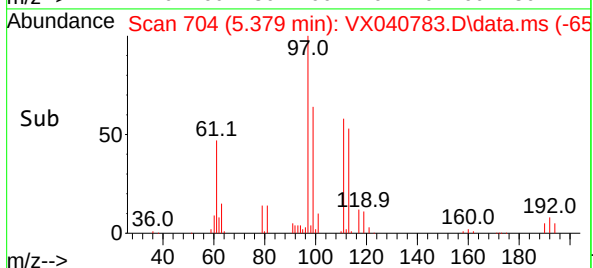
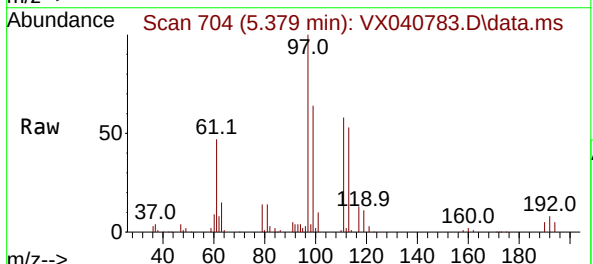
Manual Integrations
APPROVED

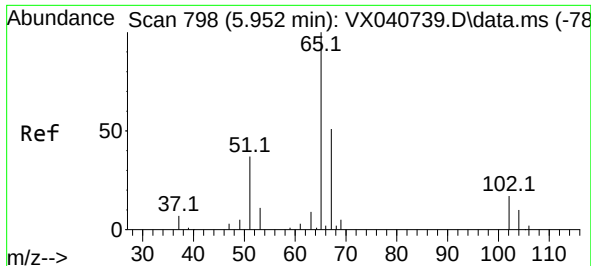
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#32
1,1,1-Trichloroethane
Concen: 55.384 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 97 Resp: 62756
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.167 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 43779

Ion Ratio Lower Upper

65 100

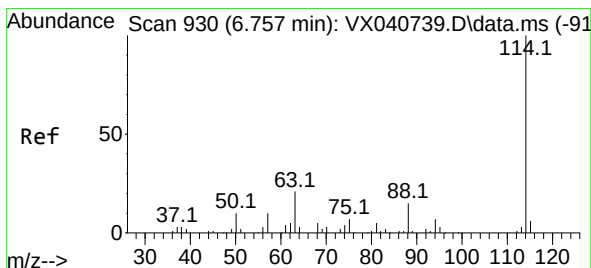
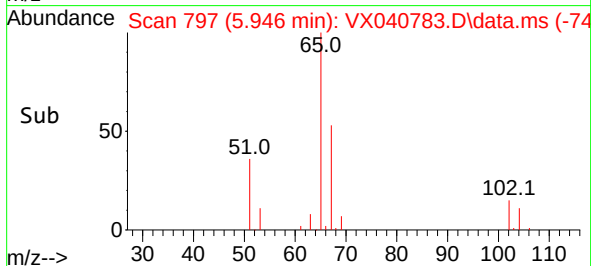
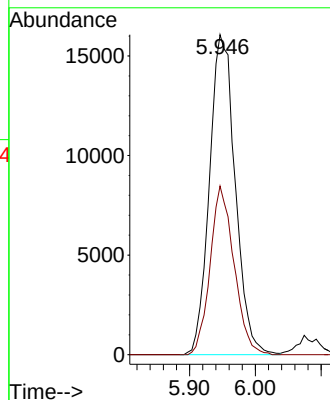
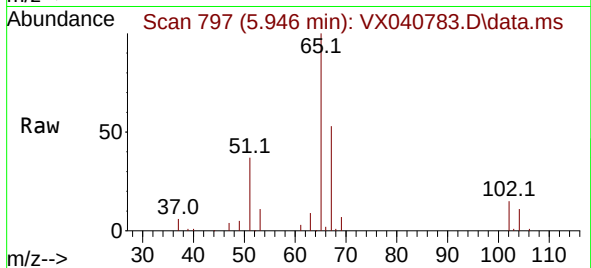
67 49.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

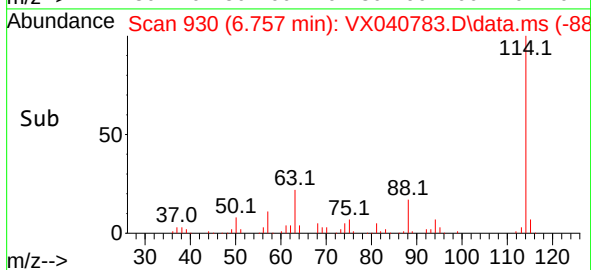
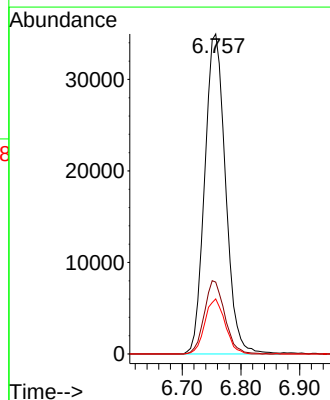
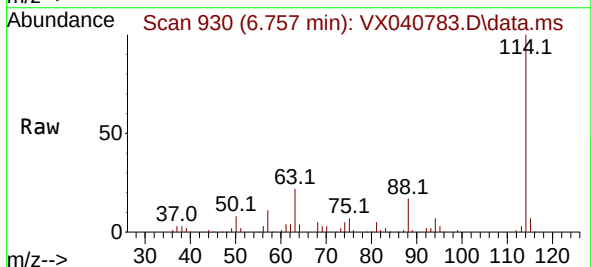
Tgt Ion:114 Resp: 86072

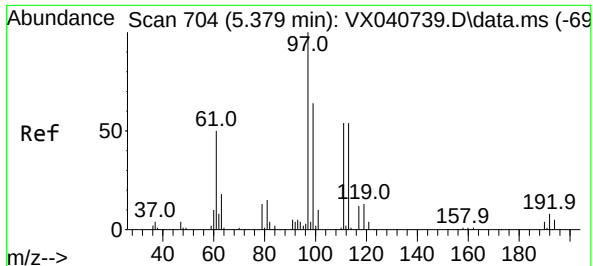
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

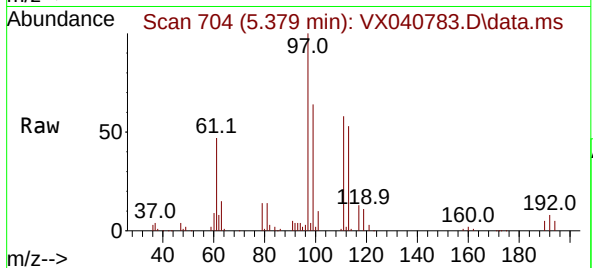
88 17.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.764 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

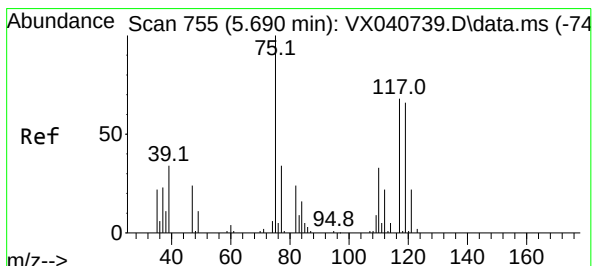
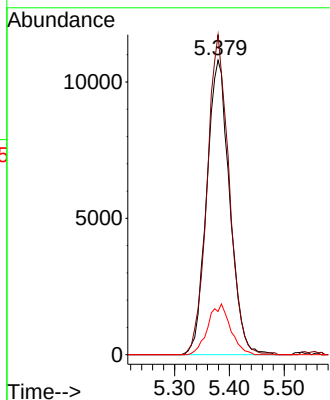
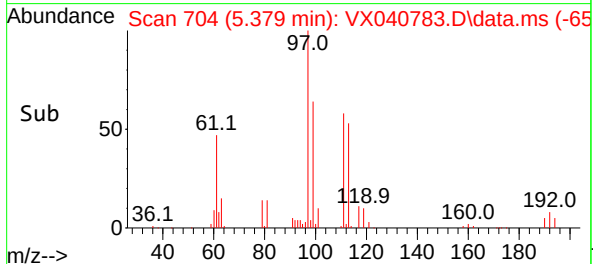
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



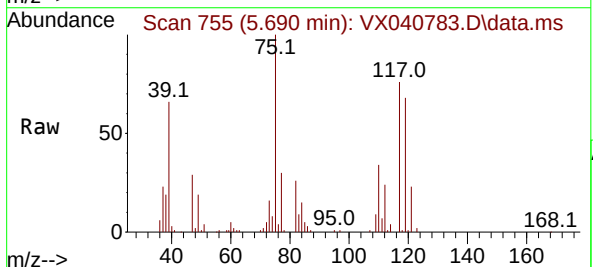
Tgt Ion:113 Resp: 31400
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.9 13.3 19.9

Manual Integrations
APPROVED

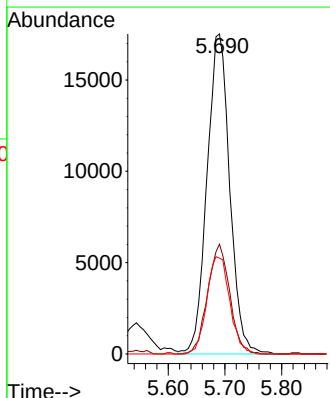
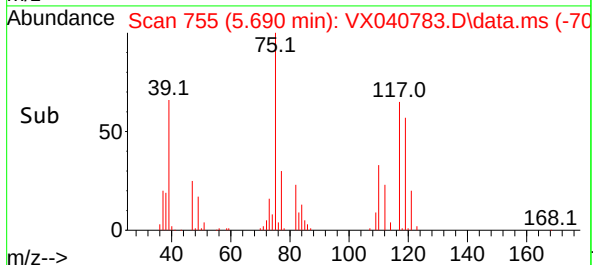
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

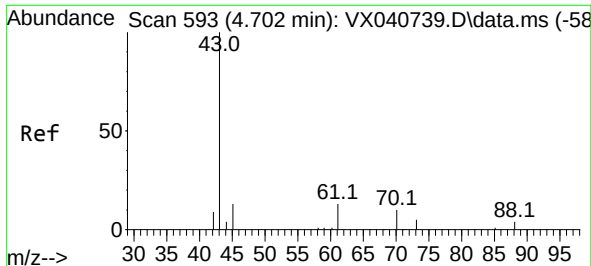


#36
1,1-Dichloropropene
Concen: 51.469 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



Tgt Ion: 75 Resp: 48807
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 50.053 ug/l

RT: 4.703 min Scan# 593

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 5389

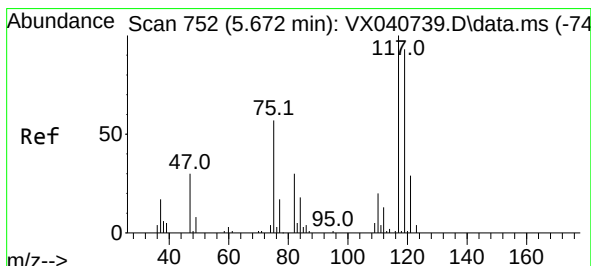
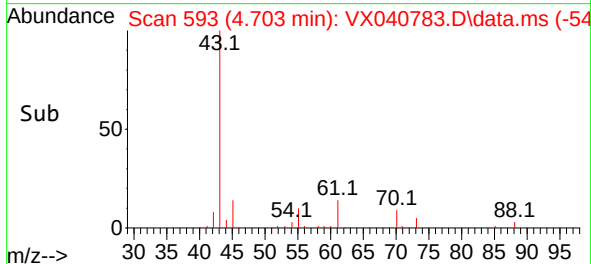
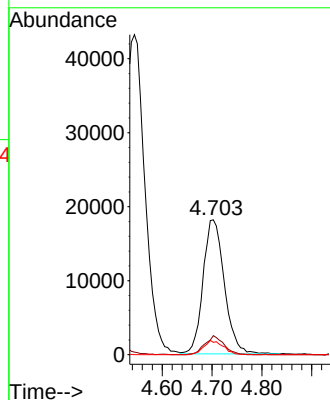
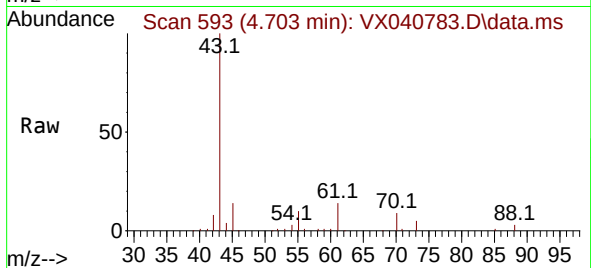
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.6	16.0
70	9.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#38

Carbon Tetrachloride

Concen: 52.457 ug/l

RT: 5.672 min Scan# 752

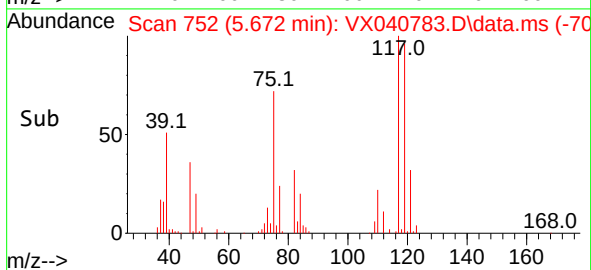
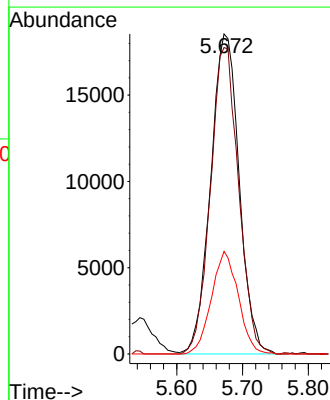
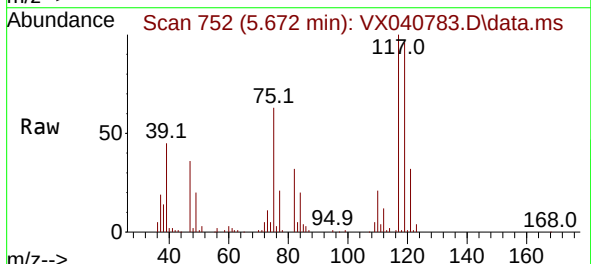
Delta R.T. 0.000 min

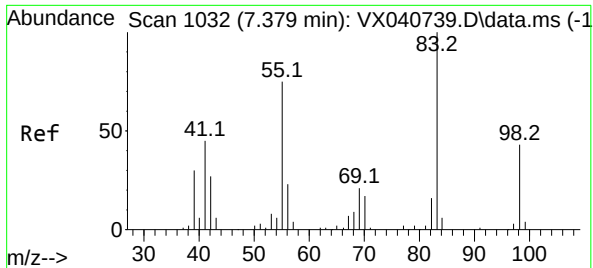
Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Tgt Ion:117 Resp: 55990

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.2
121	32.1	24.4	36.6





#39
Methylcyclohexane
Concen: 54.274 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

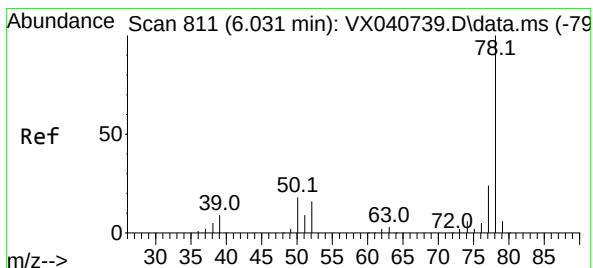
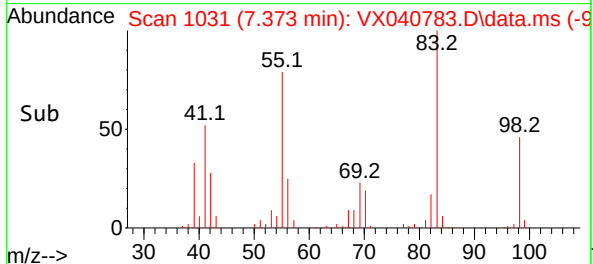
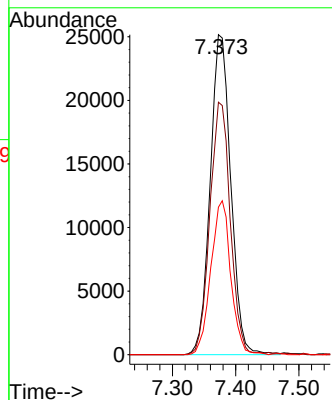
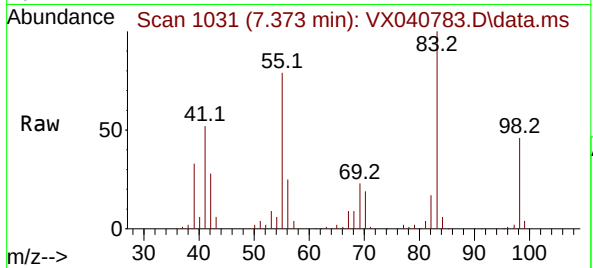
Tgt Ion: 83 Resp: 57018
Ion Ratio Lower Upper
83 100
55 78.9 64.6 97.0
98 46.1 36.7 55.1

Manual Integrations

APPROVED

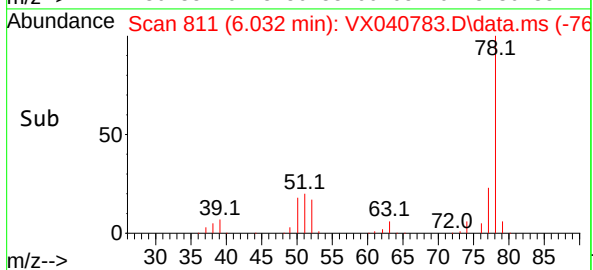
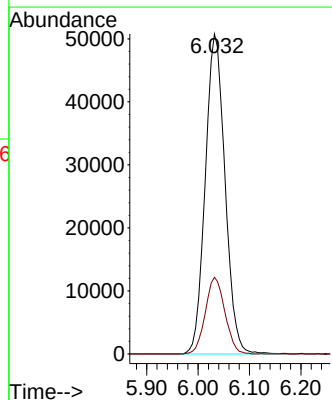
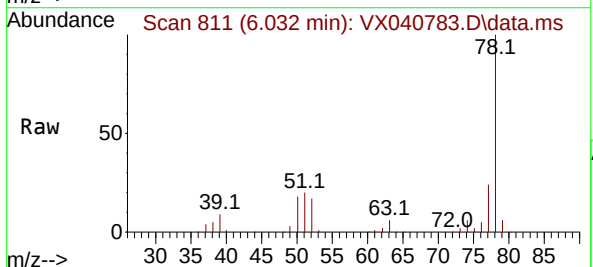
Reviewed By :John Carlone 03/26/2024

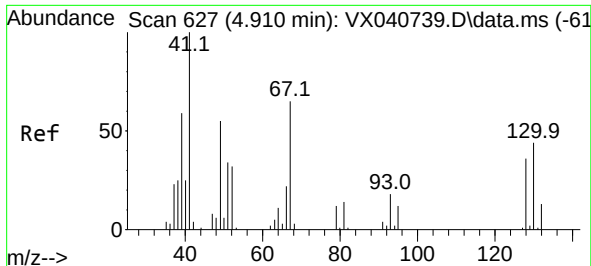
Supervised By :Mahesh Dadoda 03/26/2024



#40
Benzene
Concen: 51.640 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 78 Resp: 135219
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





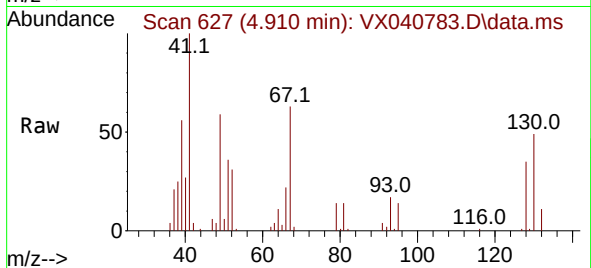
#41
Methacrylonitrile
Concen: 54.161 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



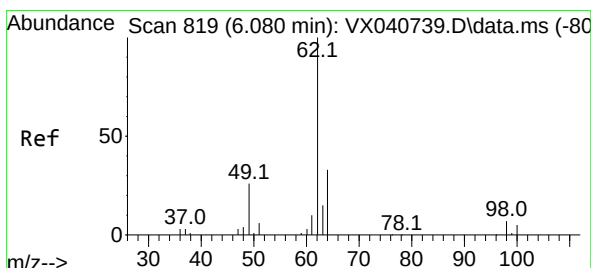
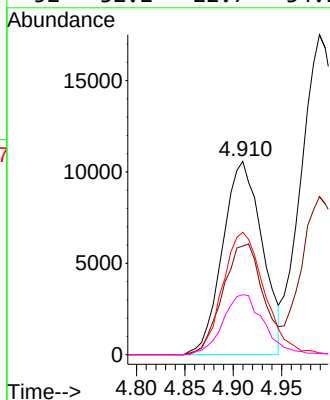
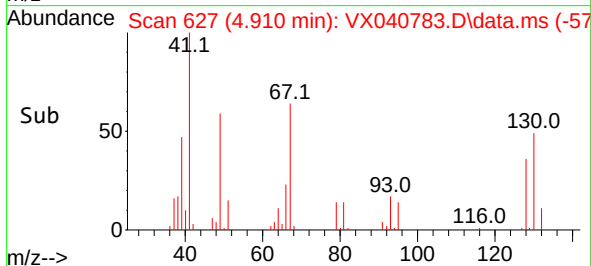
Tgt Ion: 41 Resp: 30158
Ion Ratio Lower Upper
41 100
39 58.1 45.2 67.8
67 66.5 52.6 78.8
52 32.2 22.7 34.1

Manual Integrations

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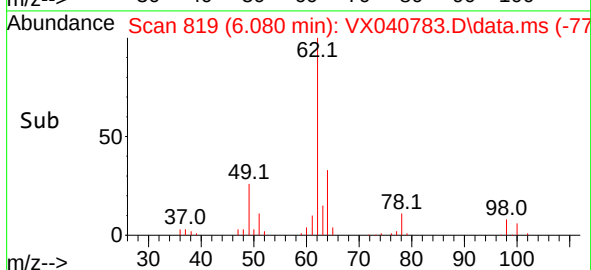
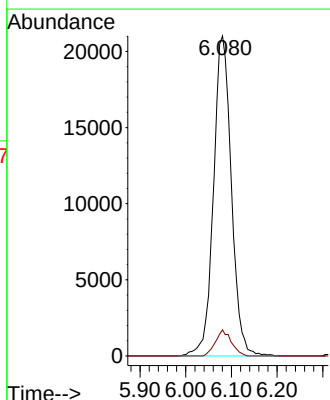
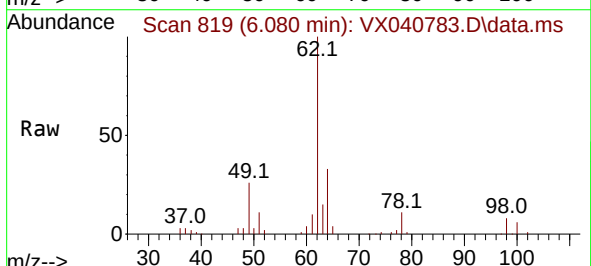
Reviewed By :John Carlone 03/26/2024

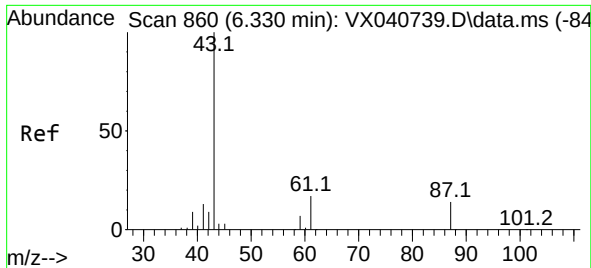
Supervised By :Mahesh Dadoda 03/26/2024



#42
1,2-Dichloroethane
Concen: 53.955 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

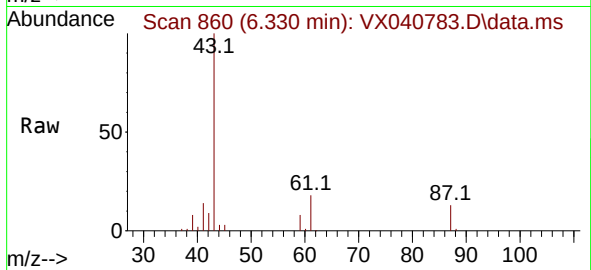
Tgt Ion: 62 Resp: 57170
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.805 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

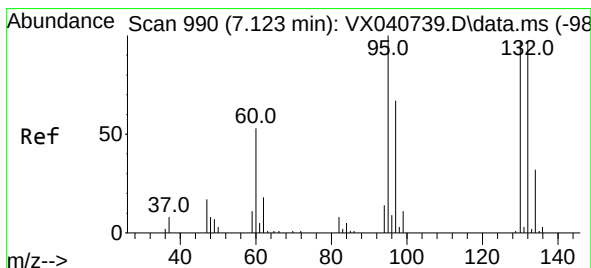
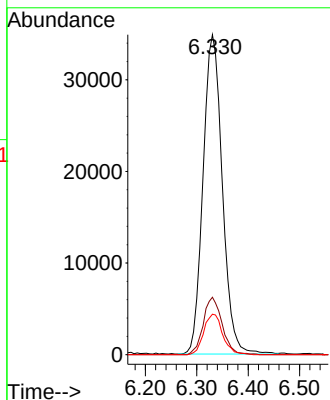
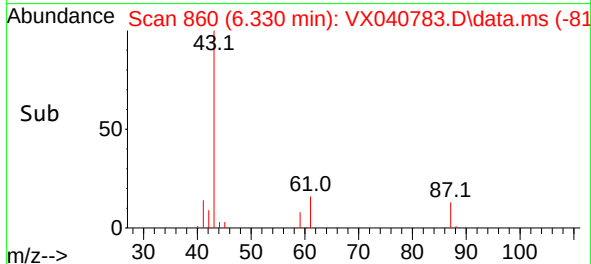
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



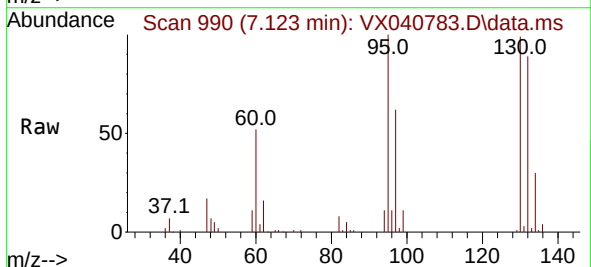
Tgt Ion: 43 Resp: 90979
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 12.4 9.8 14.6

Manual Integrations
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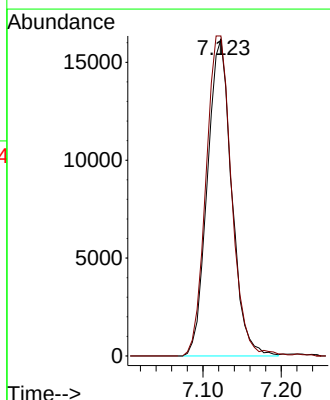
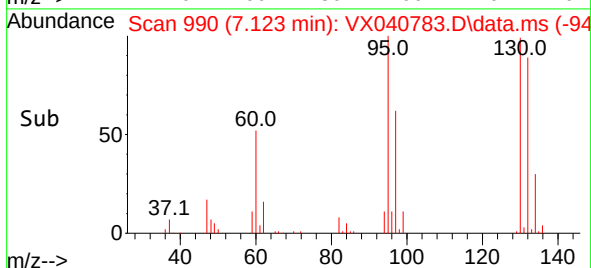
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

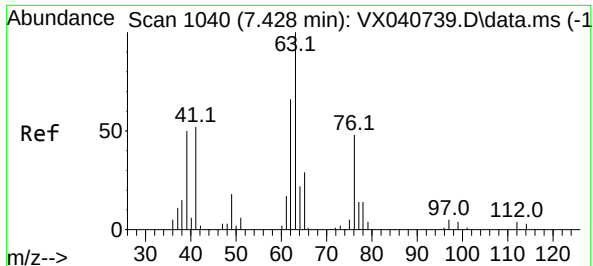


#44
Trichloroethene
Concen: 55.610 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



Tgt Ion:130 Resp: 34902
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.158 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 3327

Ion Ratio Lower Upper

63 100

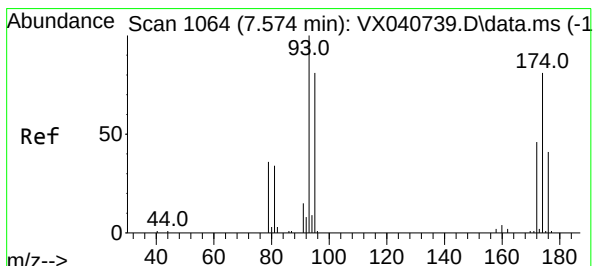
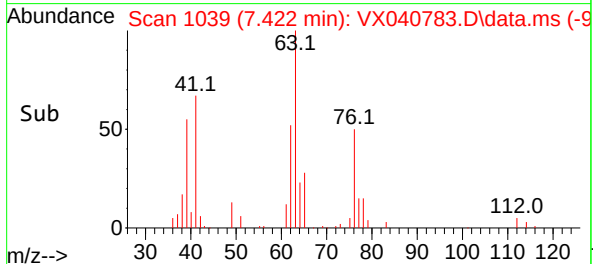
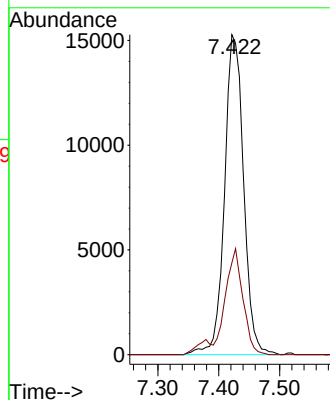
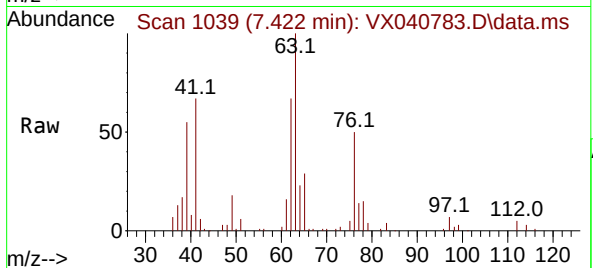
65 28.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#46

Dibromomethane

Concen: 56.284 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

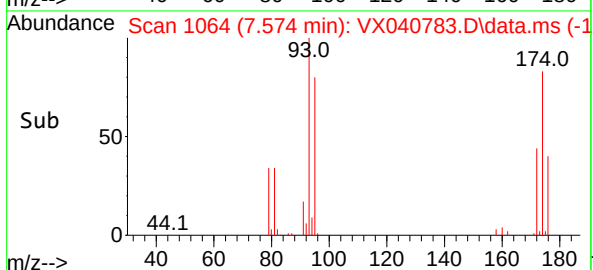
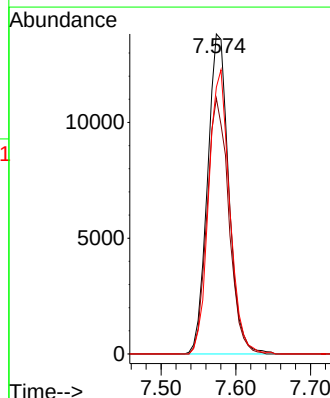
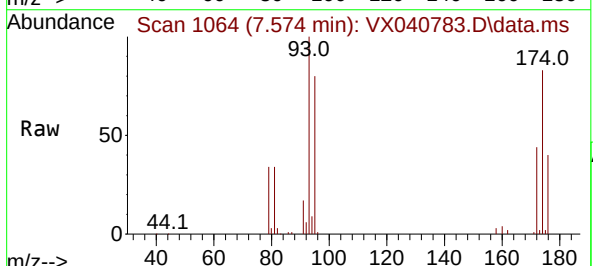
Tgt Ion: 93 Resp: 27386

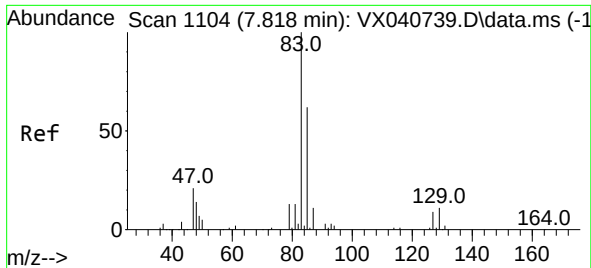
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 87.5 69.4 104.0





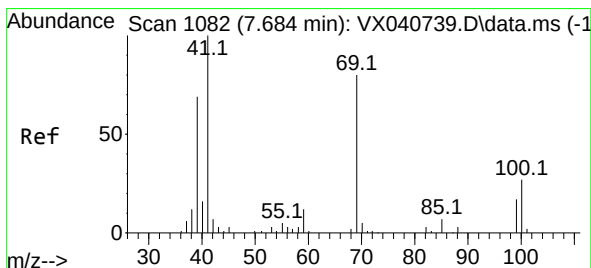
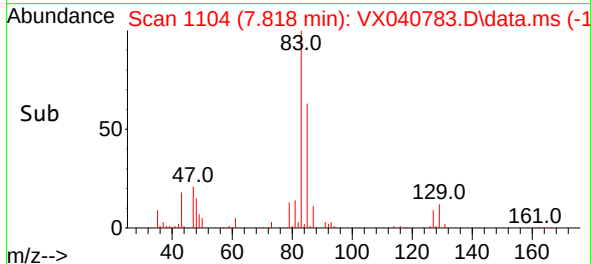
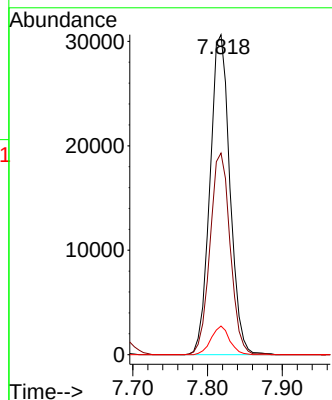
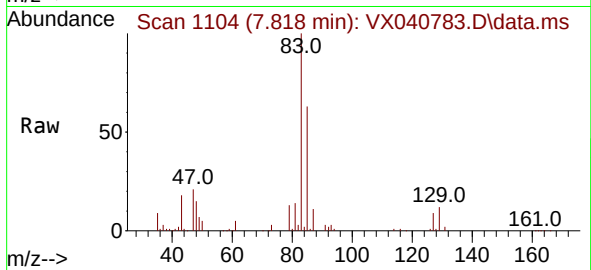
#47
Bromodichloromethane
Concen: 57.205 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 56874
Ion Ratio Lower Upper
83 100
85 63.0 49.8 74.6
127 8.9 7.1 10.7

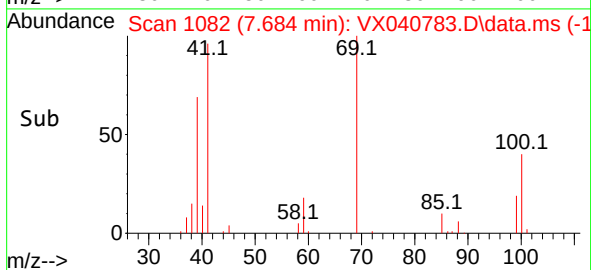
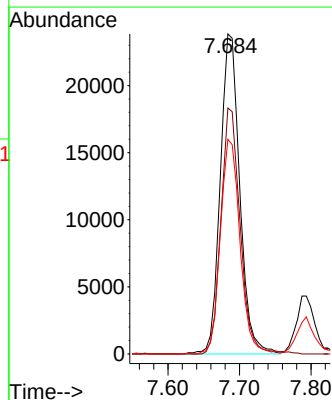
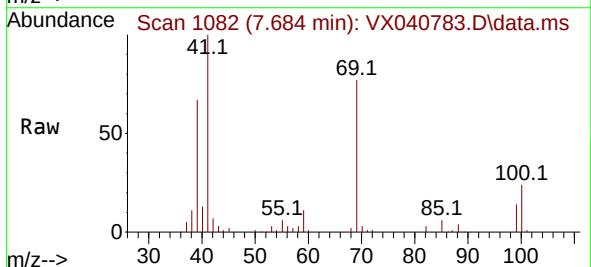
Manual Integrations
APPROVED

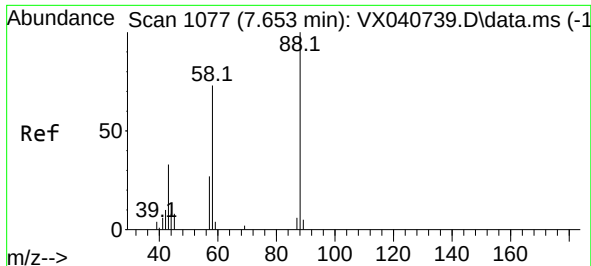
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#48
Methyl methacrylate
Concen: 58.465 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 41 Resp: 45184
Ion Ratio Lower Upper
41 100
69 75.4 59.2 88.8
39 67.7 47.7 71.5





#49
1,4-Dioxane
Concen: 1034.561 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

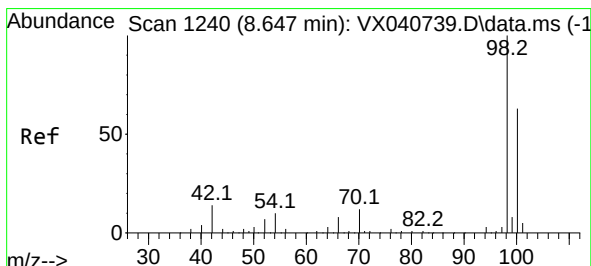
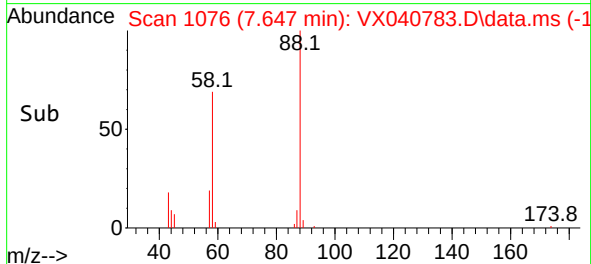
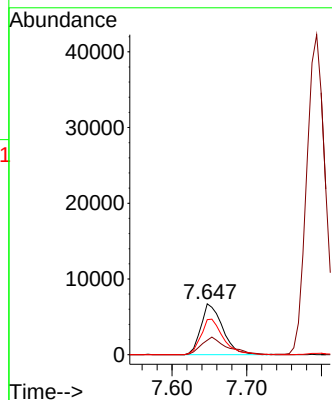
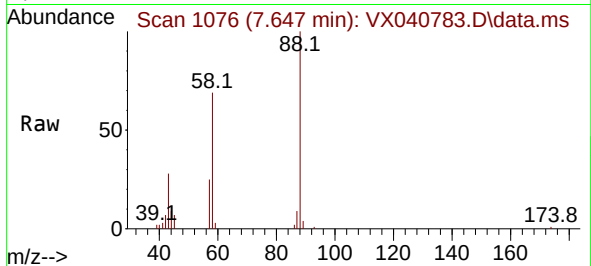
Tgt Ion: 88 Resp: 13494
Ion Ratio Lower Upper
88 100
43 40.6 0.0 0.0
58 71.5 60.1 90.1

Manual Integrations

APPROVED

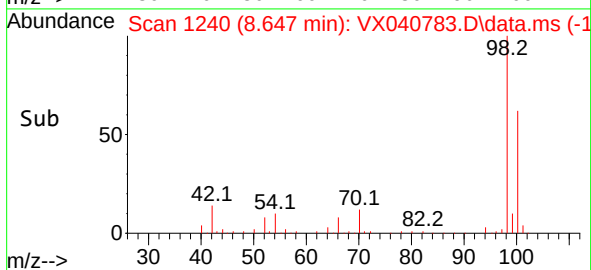
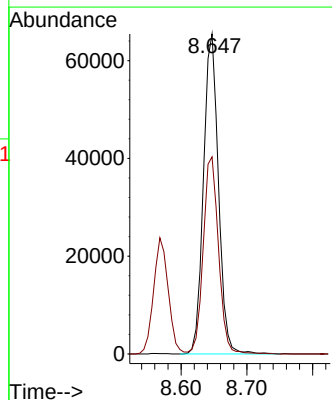
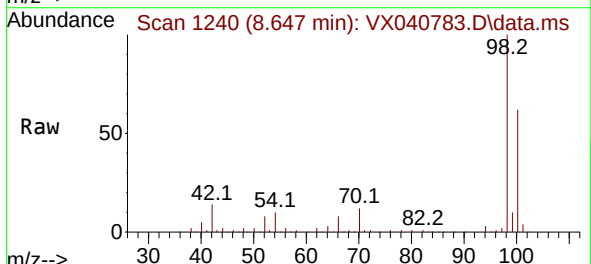
Reviewed By :John Carlone 03/26/2024

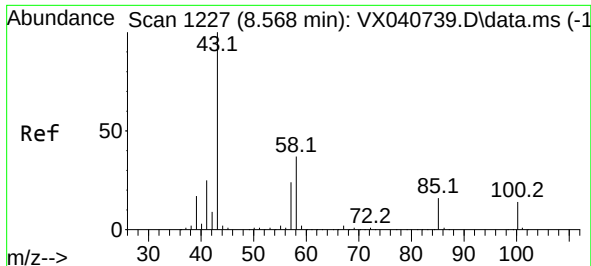
Supervised By :Mahesh Dadoda 03/26/2024



#50
Toluene-d8
Concen: 46.934 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 98 Resp: 103500
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7





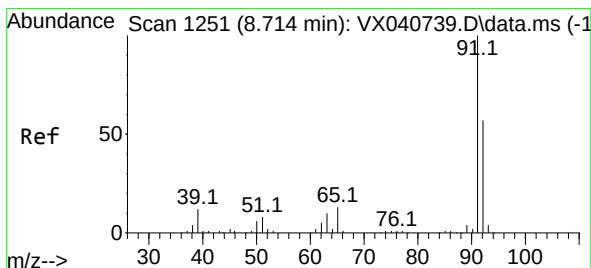
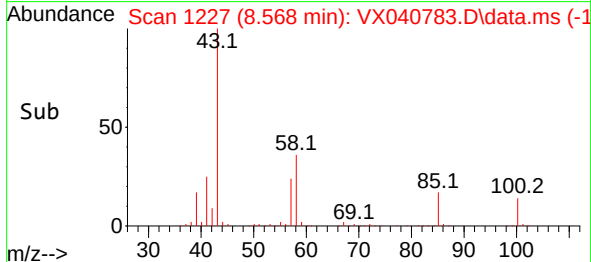
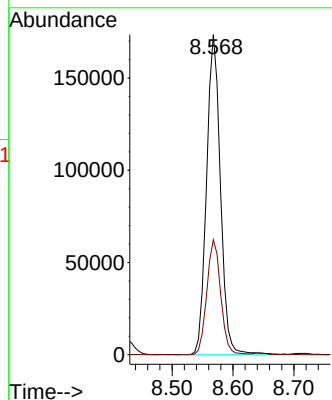
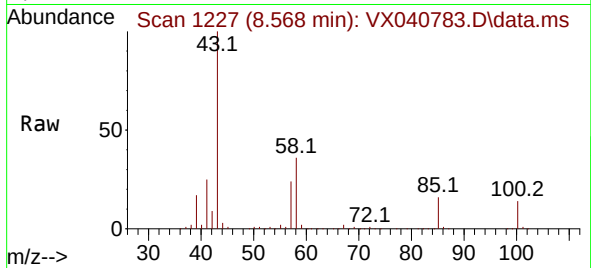
#51
4-Methyl-2-Pentanone
Concen: 262.488 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27525
Ion Ratio Lower Upper
43 100
58 35.8 30.4 45.6

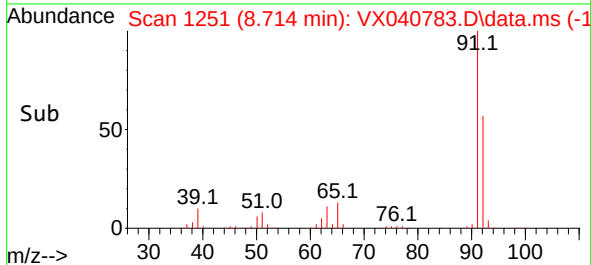
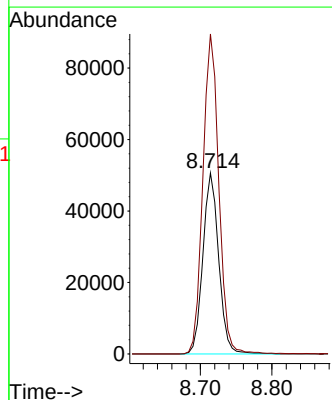
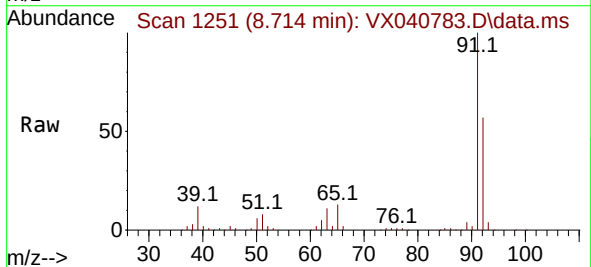
Manual Integrations
APPROVED

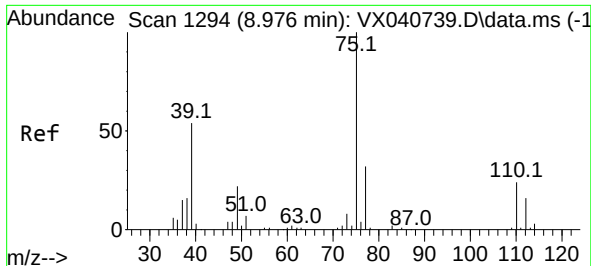
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#52
Toluene
Concen: 49.764 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 92 Resp: 77714
Ion Ratio Lower Upper
92 100
91 178.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 48.982 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

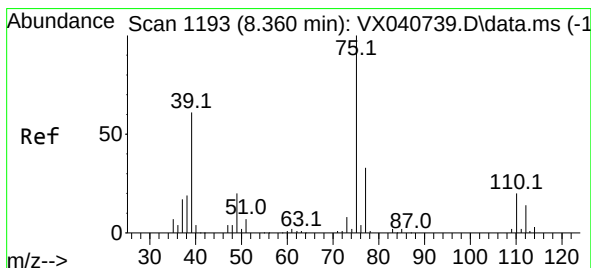
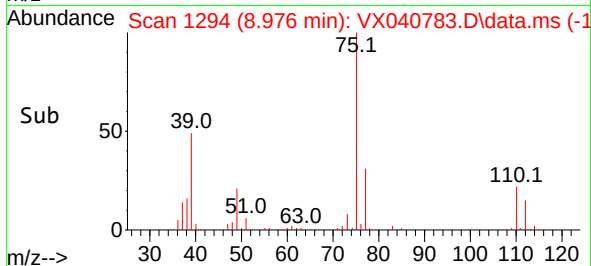
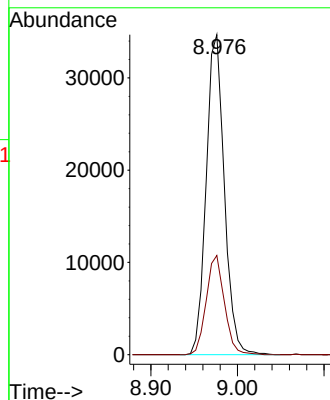
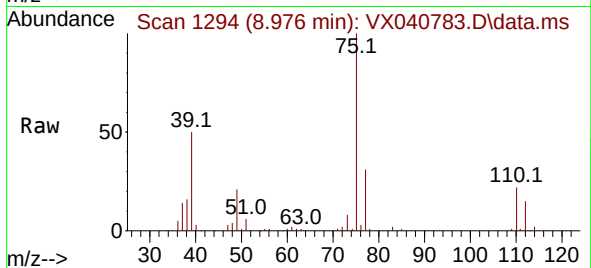
VSTDCCC050

Tgt Ion: 75 Resp: 5037
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

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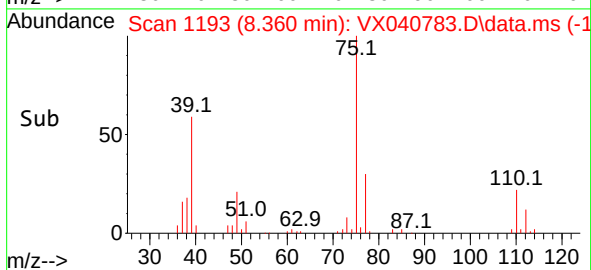
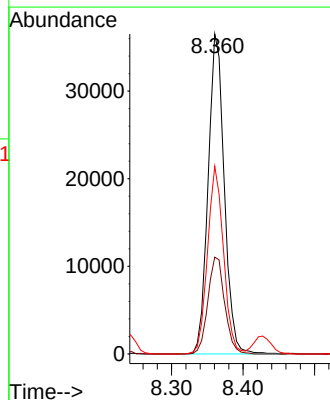
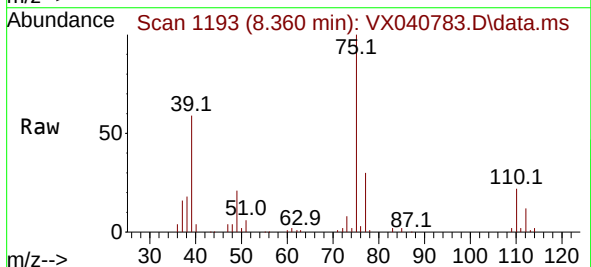
APPROVED

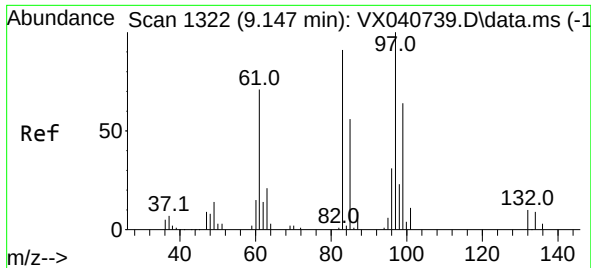
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#54
cis-1,3-Dichloropropene
Concen: 53.902 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 75 Resp: 57334
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9
39 58.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 47.797 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

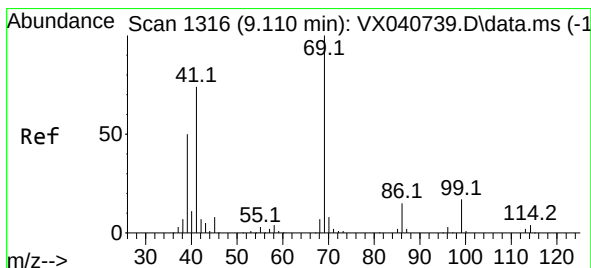
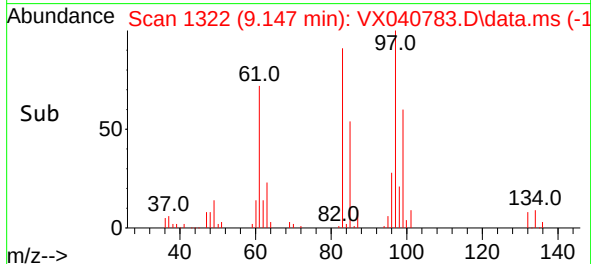
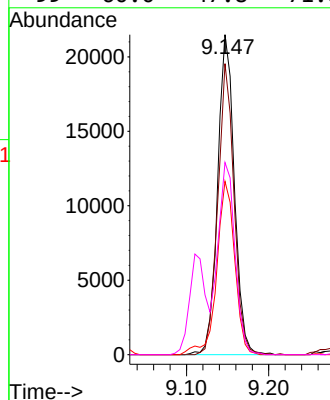
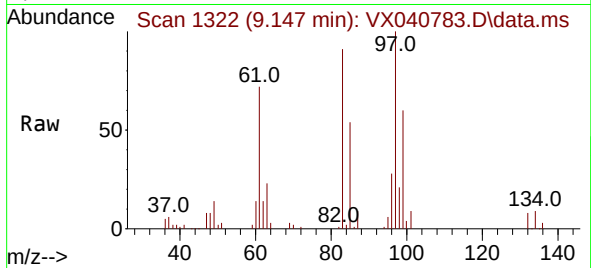
Tgt Ion: 97 Resp: 3039
Ion Ratio Lower Upper
97 100
83 91.0 65.8 98.8
85 54.2 41.6 62.4
99 60.0 47.8 71.8

Manual Integrations

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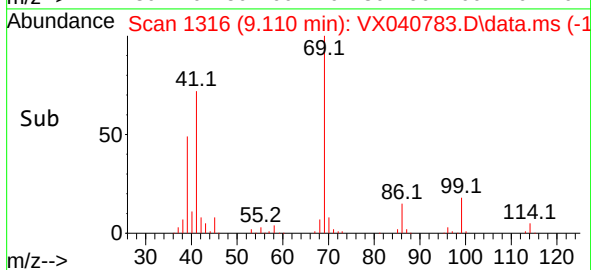
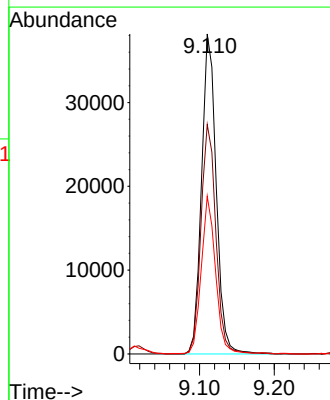
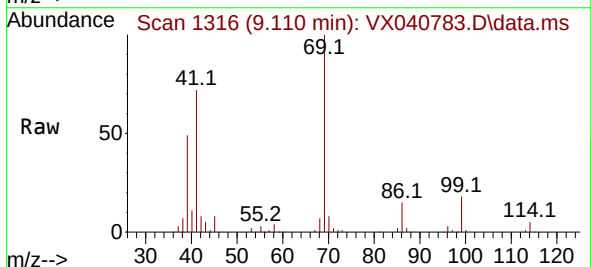
Reviewed By :John Carlone 03/26/2024

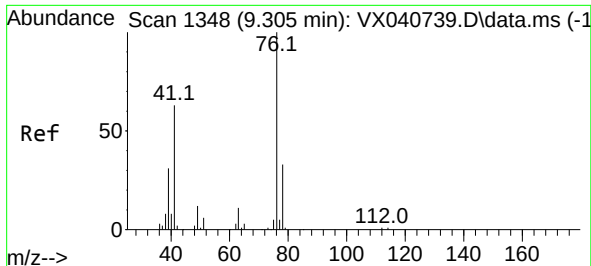
Supervised By :Mahesh Dadoda 03/26/2024



#56
Ethyl methacrylate
Concen: 49.007 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 69 Resp: 52095
Ion Ratio Lower Upper
69 100
41 73.0 56.8 85.2
39 48.1 32.0 48.0#





#57
1,3-Dichloropropane
Concen: 49.152 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

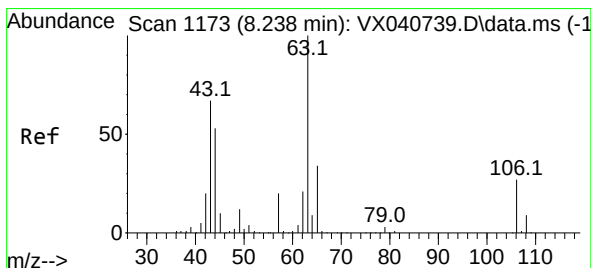
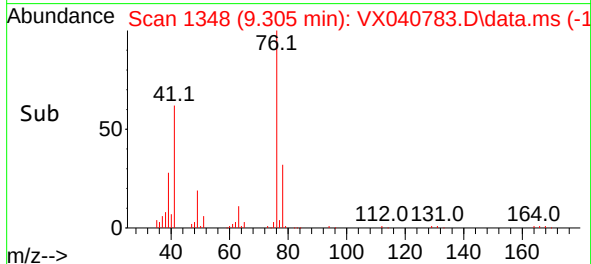
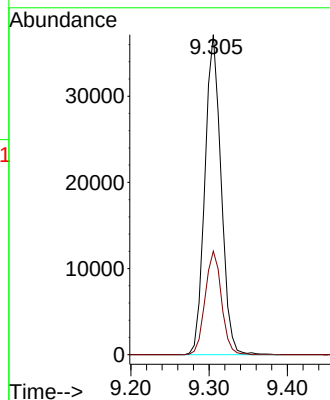
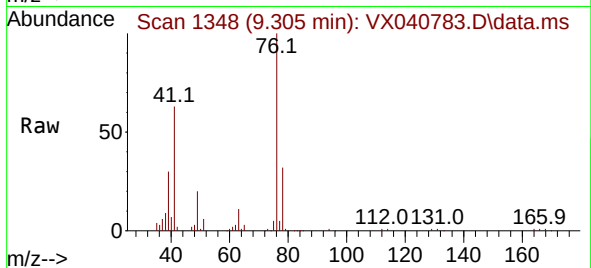
VSTDCCC050

Tgt Ion: 76 Resp: 5334
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations

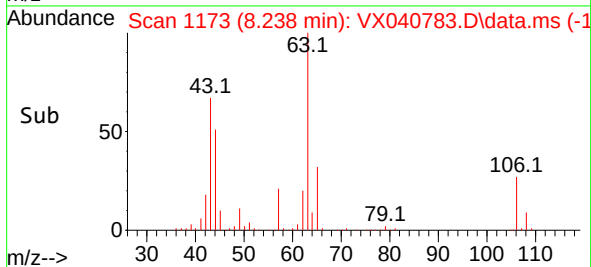
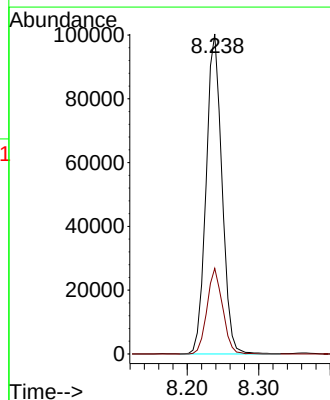
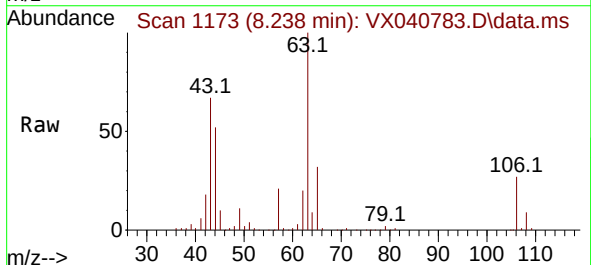
APPROVED

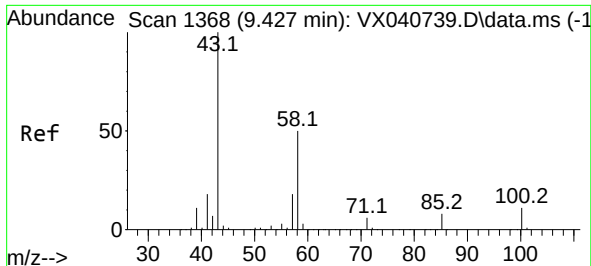
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 276.244 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 63 Resp: 154114
Ion Ratio Lower Upper
63 100
106 26.3 22.5 33.7





#59

2-Hexanone

Concen: 242.003 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19658

Ion Ratio Lower Upper

43 100

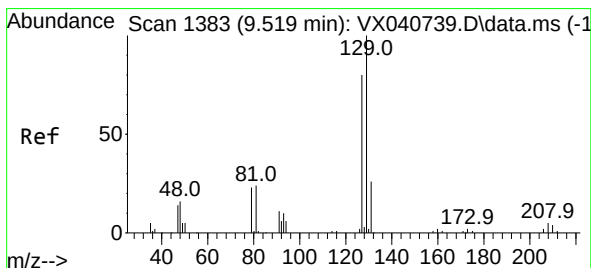
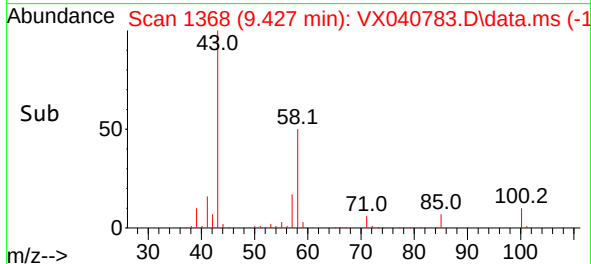
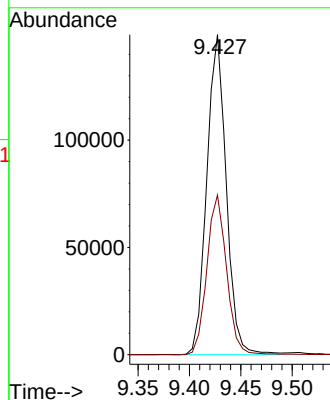
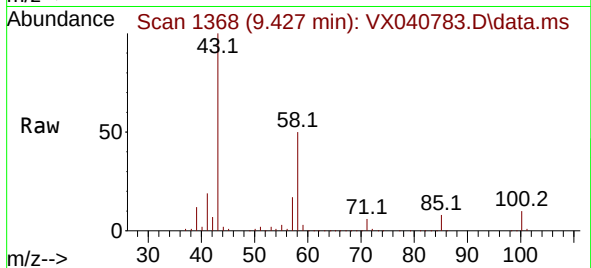
58 50.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#60

Dibromochloromethane

Concen: 52.710 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040783.D

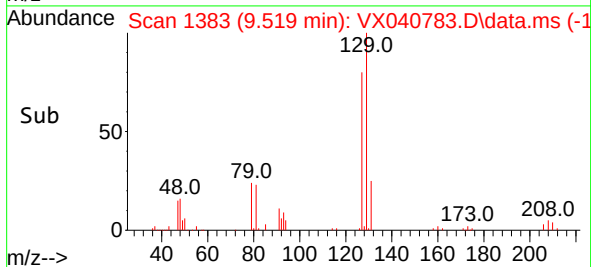
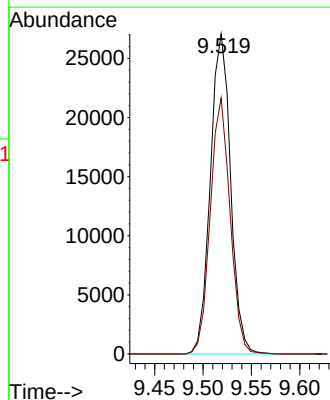
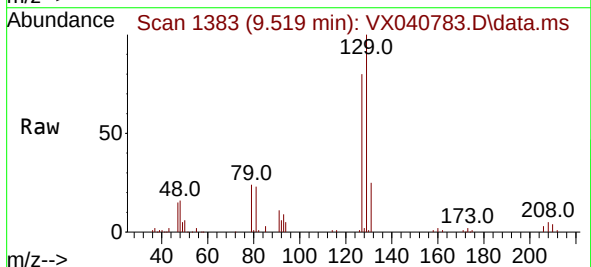
Acq: 25 Mar 2024 09:03

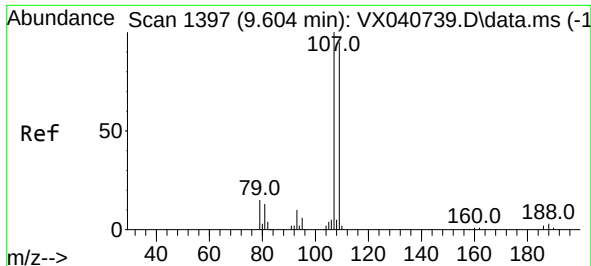
Tgt Ion:129 Resp: 39391

Ion Ratio Lower Upper

129 100

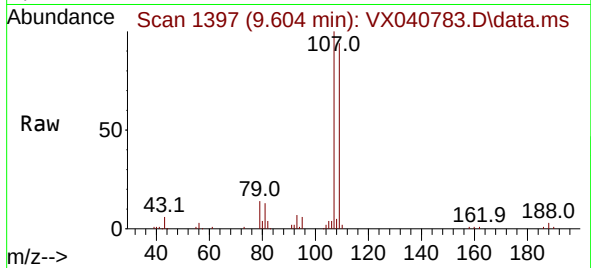
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.120 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

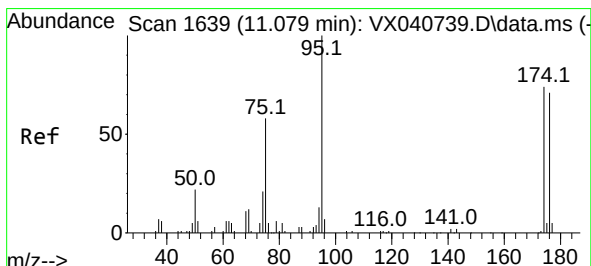
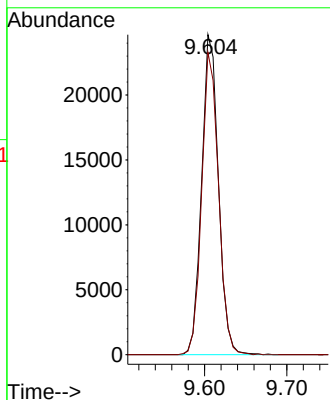
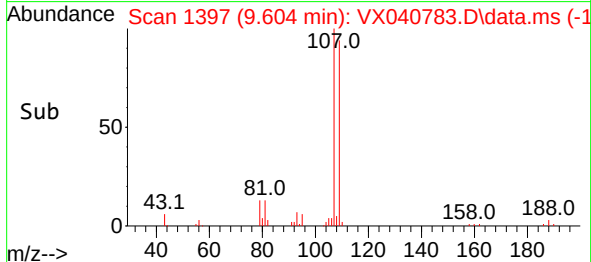
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 3500
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

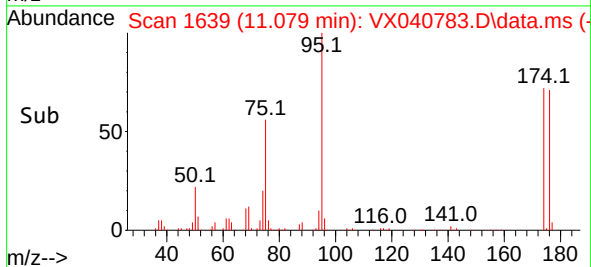
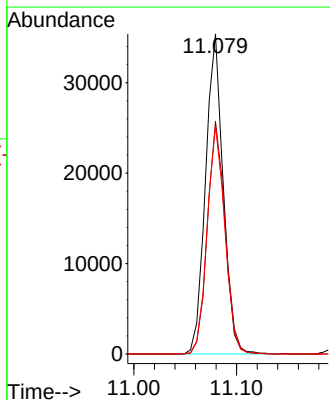
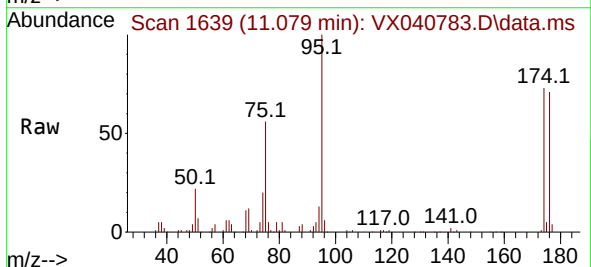
Manual Integrations
APPROVED

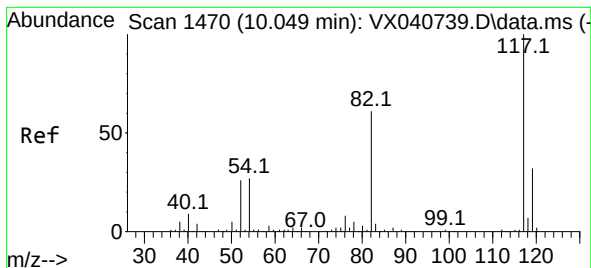
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#62
4-Bromofluorobenzene
Concen: 48.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion: 95 Resp: 42159
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 71.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 7629

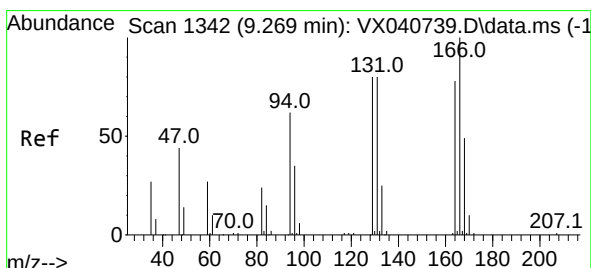
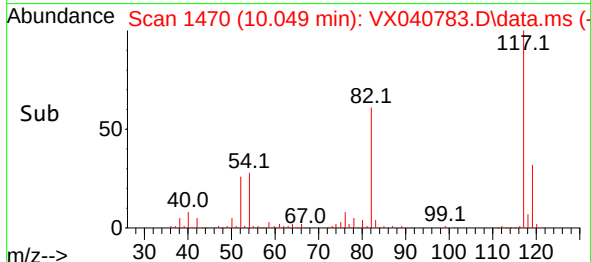
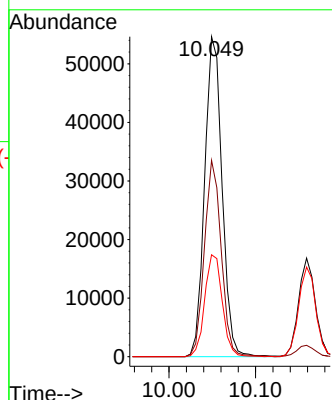
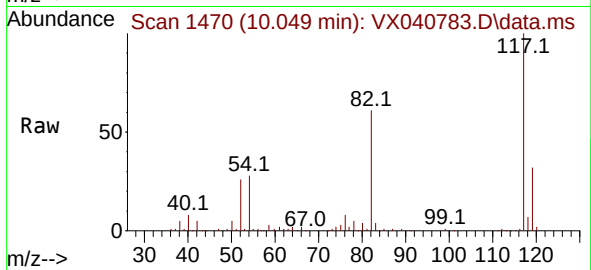
Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.2	69.4
119	31.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#64

Tetrachloroethene

Concen: 49.488 ug/l

RT: 9.269 min Scan# 1342

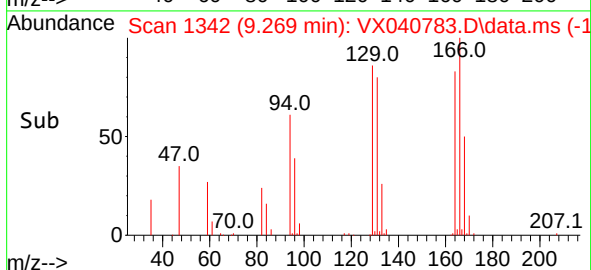
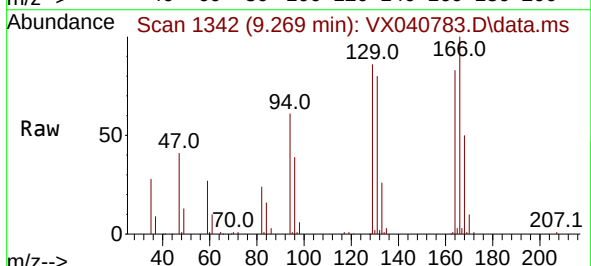
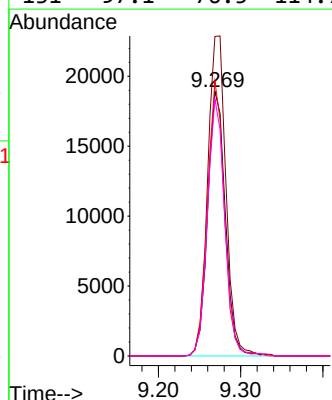
Delta R.T. 0.000 min

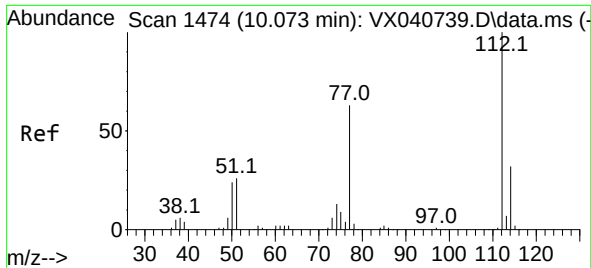
Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Tgt Ion:164 Resp: 28123

Ion	Ratio	Lower	Upper
164	100		
166	120.8	102.7	154.1
129	103.7	80.4	120.6
131	97.1	76.5	114.7





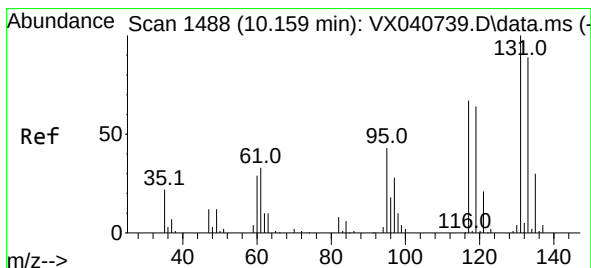
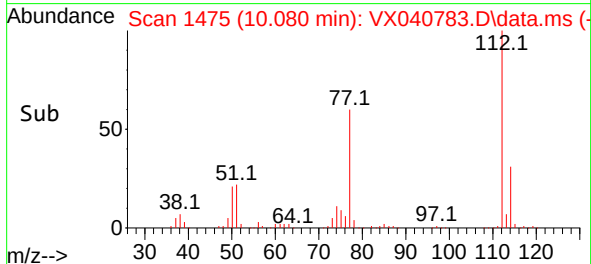
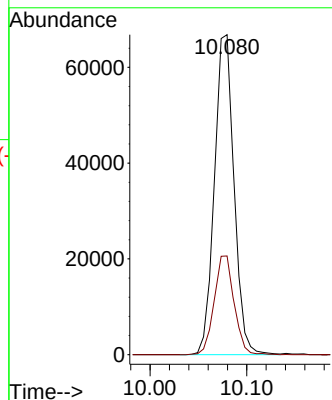
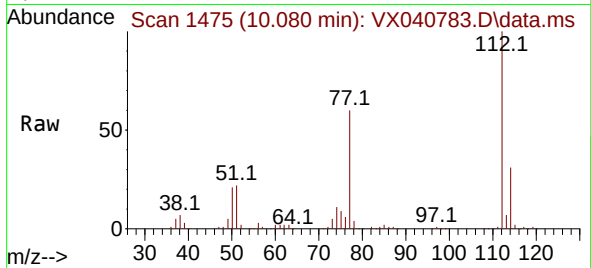
#65
Chlorobenzene
Concen: 54.425 ug/l
RT: 10.080 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 94175
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

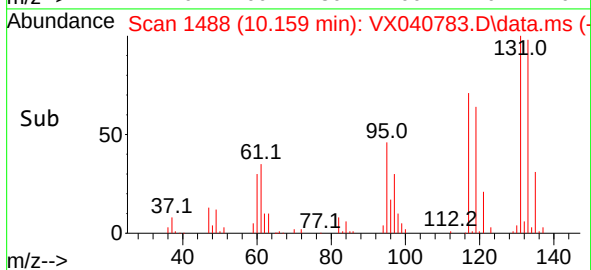
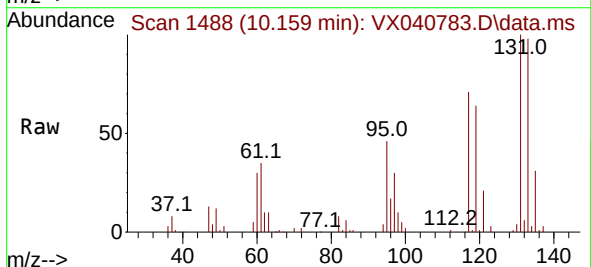
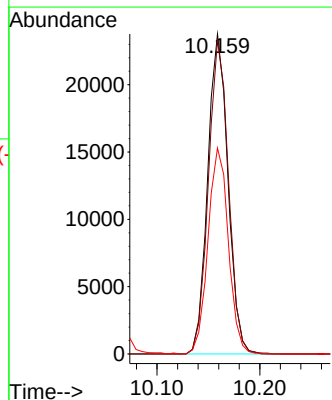
Manual Integrations
APPROVED

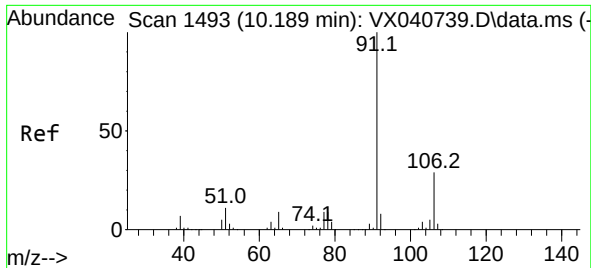
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.212 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

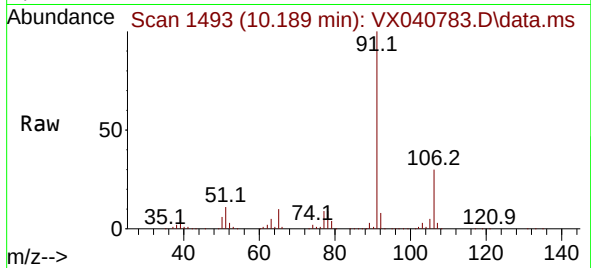
Tgt Ion:131 Resp: 32511
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 54.945 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

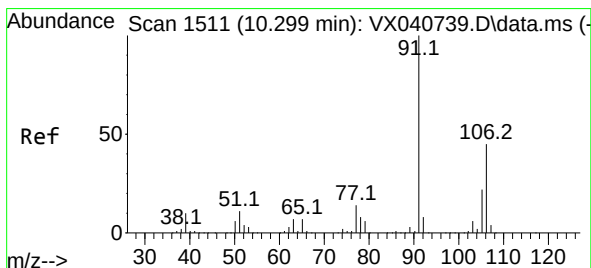
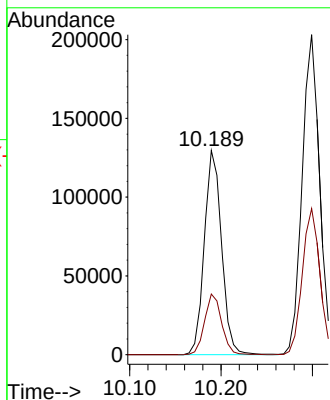
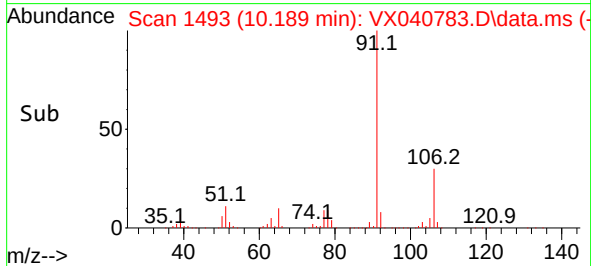
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



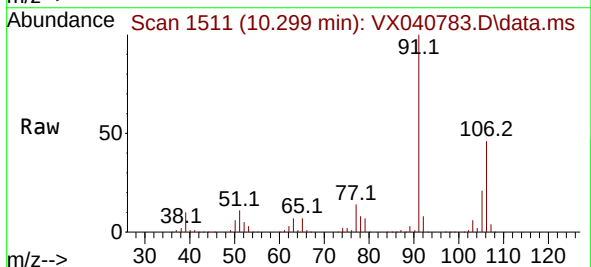
Tgt Ion: 91 Resp: 17027
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

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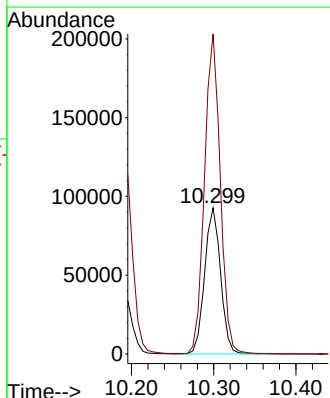
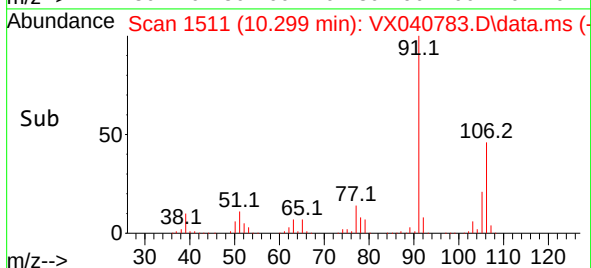
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

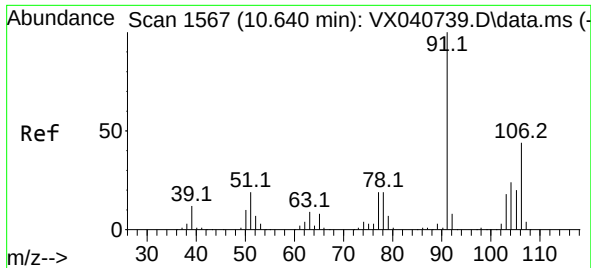


#68
m/p-Xylenes
Concen: 110.110 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



Tgt Ion:106 Resp: 124930
Ion Ratio Lower Upper
106 100
91 217.1 165.5 248.3





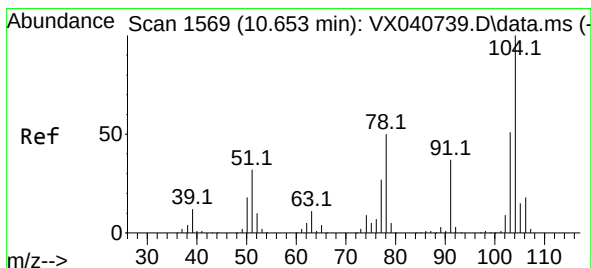
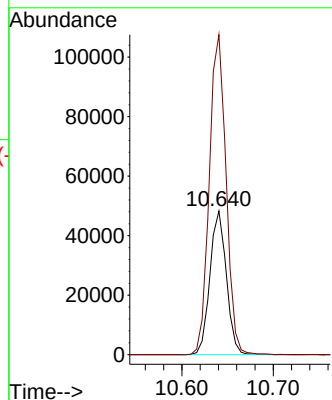
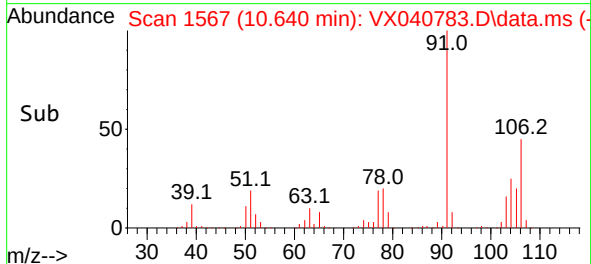
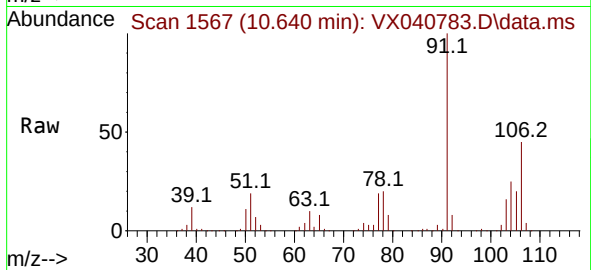
#69
o-Xylene
Concen: 55.288 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 6026
Ion Ratio Lower Upper
106 100
91 227.6 108.9 326.8

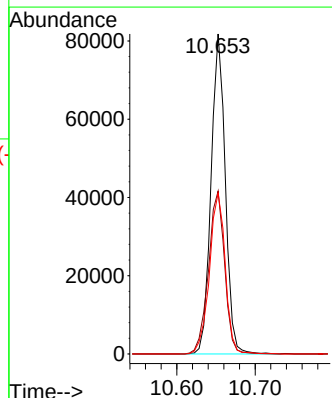
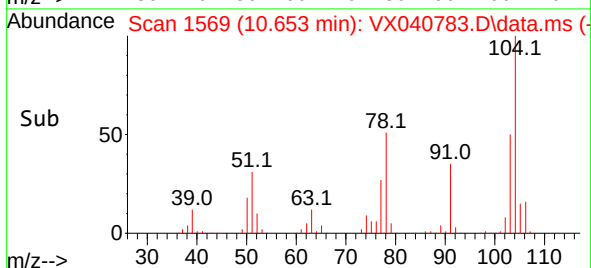
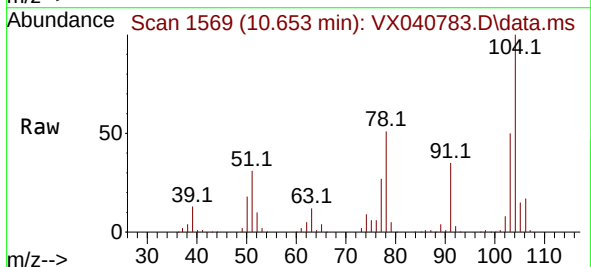
Manual Integrations
APPROVED

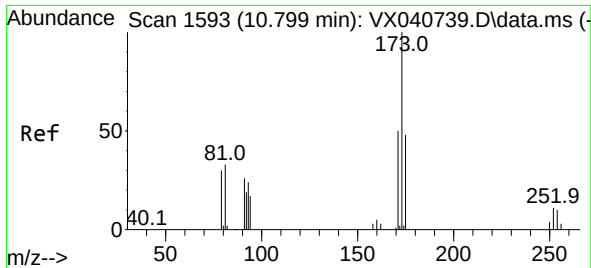
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#70
Styrene
Concen: 56.501 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

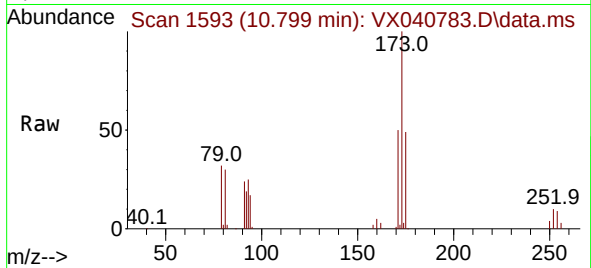
Tgt Ion:104 Resp: 103094
Ion Ratio Lower Upper
104 100
78 57.9 43.6 65.4
103 55.9 43.6 65.4





#71
Bromoform
Concen: 58.806 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

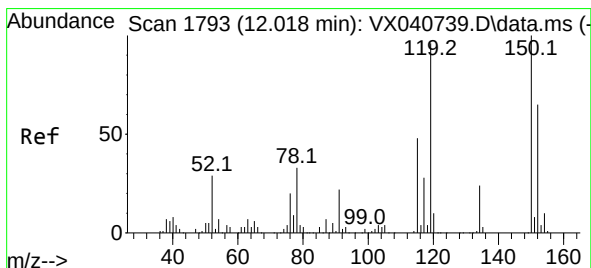
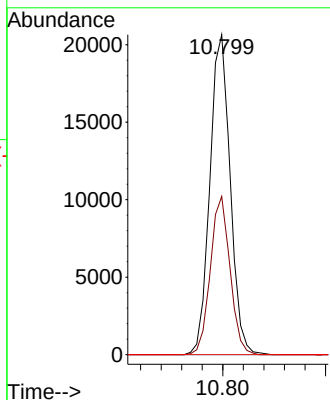
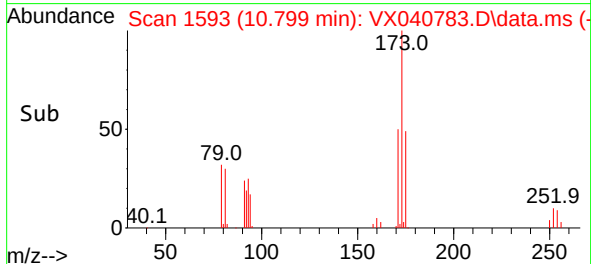
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



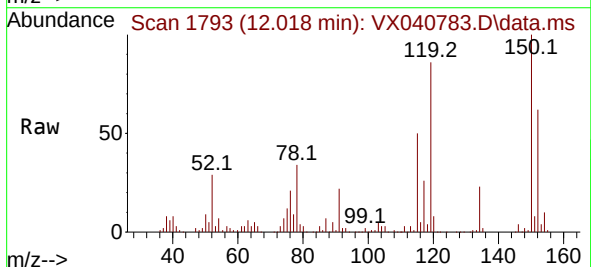
Tgt Ion:173 Resp: 2828
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
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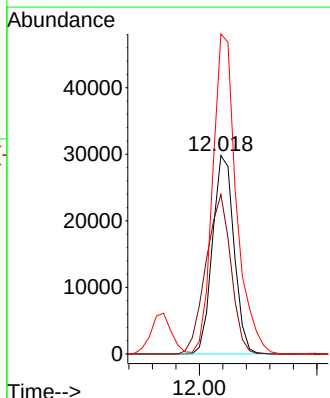
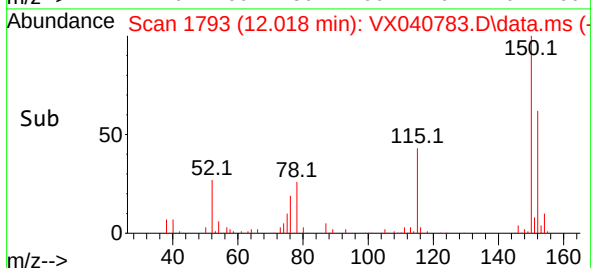
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

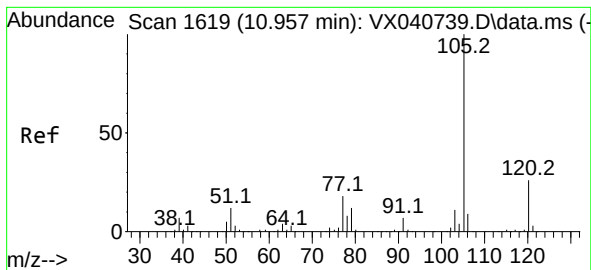


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



Tgt Ion:152 Resp: 37956
Ion Ratio Lower Upper
152 100
115 93.1 43.3 129.9
150 177.2 0.0 345.0





#73

Isopropylbenzene

Concen: 57.423 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 165378

Ion Ratio Lower Upper

105 100

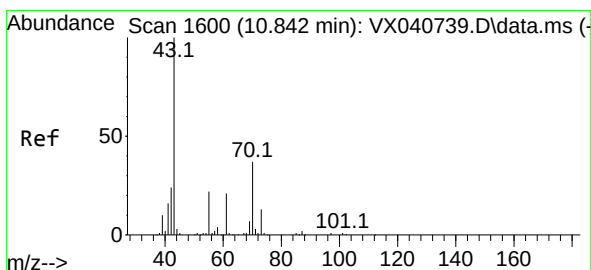
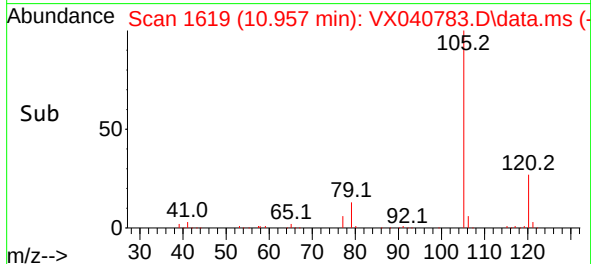
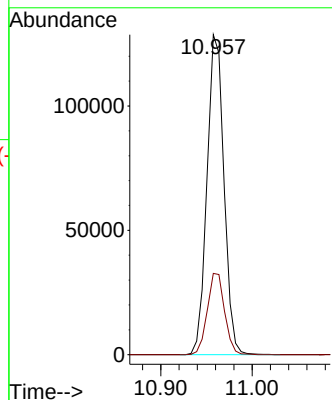
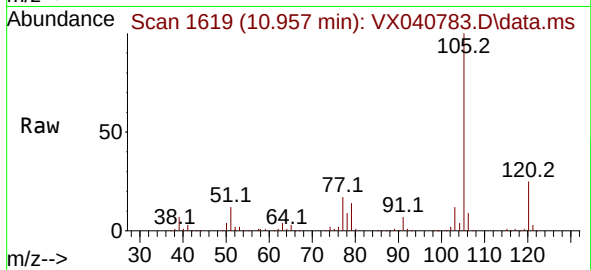
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#74

N-ethyl acetate

Concen: 58.057 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Tgt Ion: 43 Resp: 82323

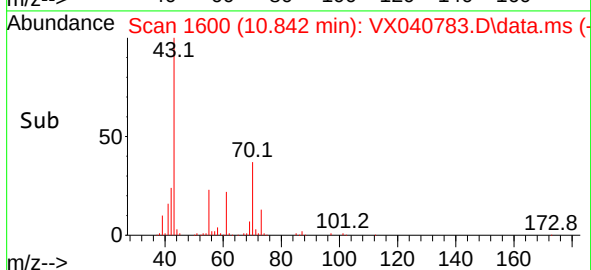
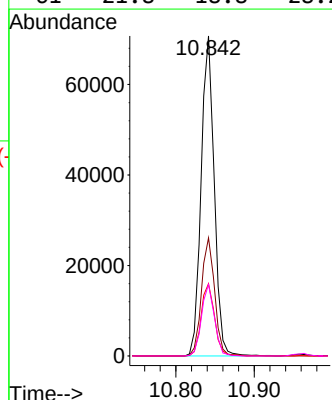
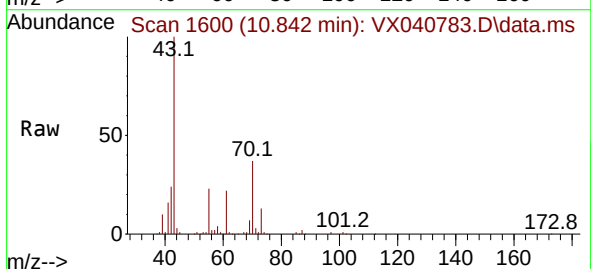
Ion Ratio Lower Upper

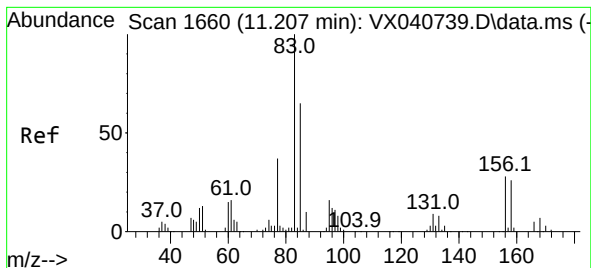
43 100

70 37.0 32.9 49.3

55 23.1 19.3 28.9

61 21.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.324 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

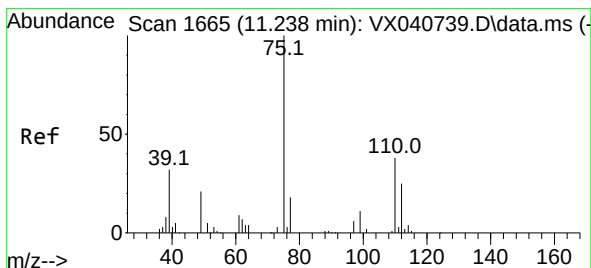
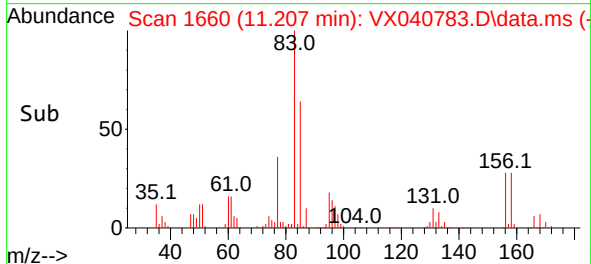
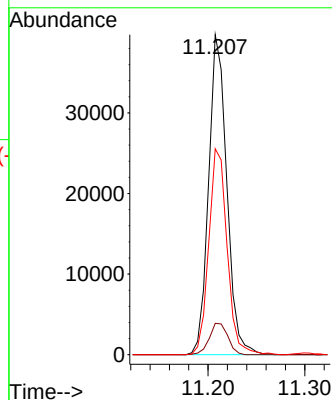
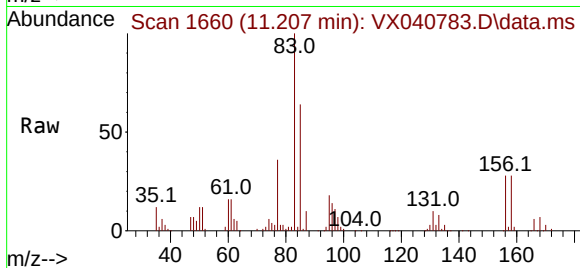
Tgt Ion: 83 Resp: 51990
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 15.8
 85 65.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#76

1,2,3-Trichloropropane

Concen: 55.573 ug/l m

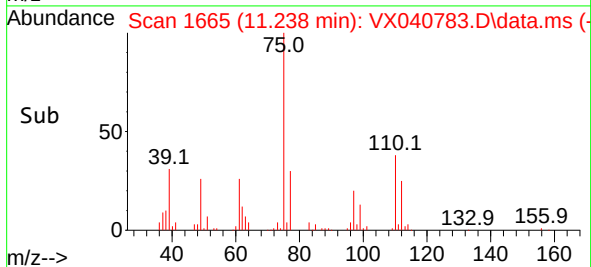
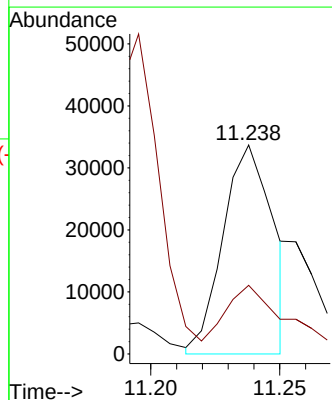
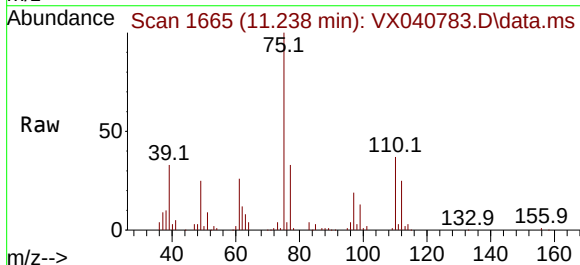
RT: 11.238 min Scan# 1665

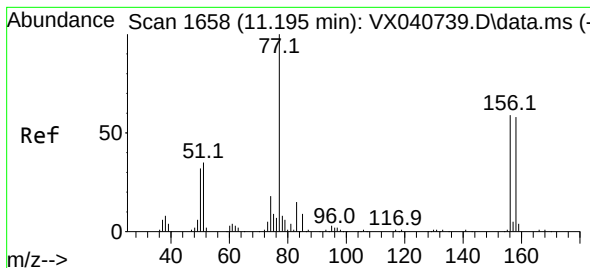
Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Tgt Ion: 75 Resp: 45366
 Ion Ratio Lower Upper
 75 100
 77 41.7 19.1 57.5





#77

Bromobenzene

Concen: 54.308 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

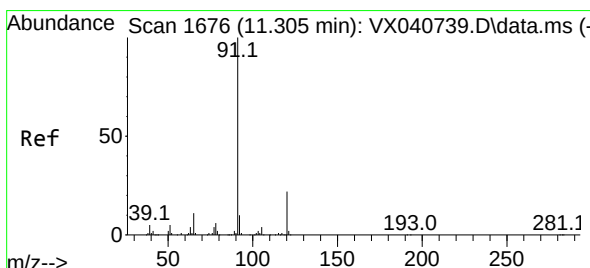
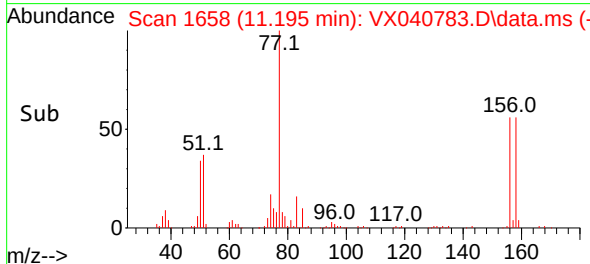
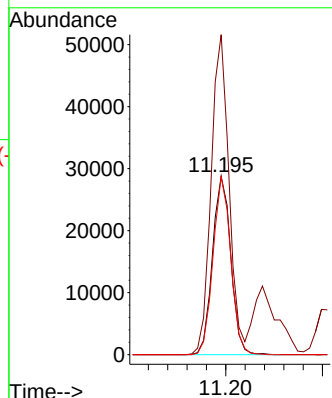
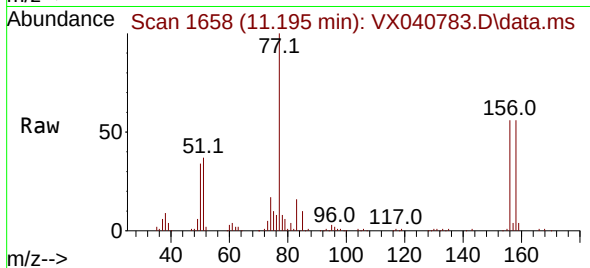
Tgt Ion:	156	Resp:	3785
Ion Ratio	Lower	Upper	
156	100		
77	174.5	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#78

n-propylbenzene

Concen: 55.544 ug/l

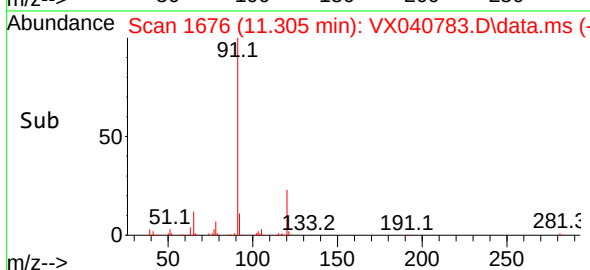
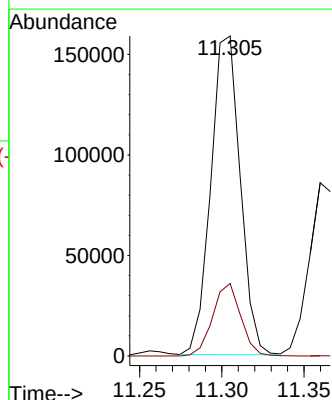
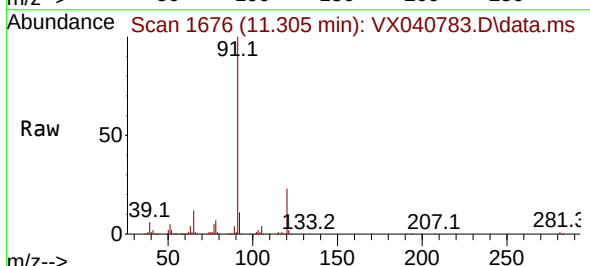
RT: 11.305 min Scan# 1676

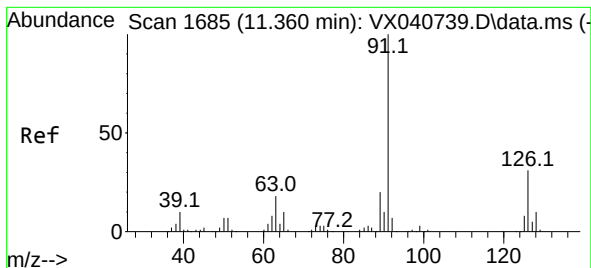
Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Tgt Ion:	91	Resp:	197238
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.5	34.4





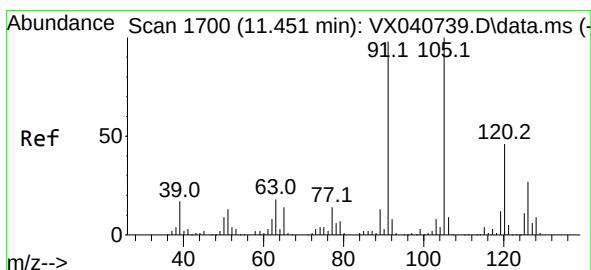
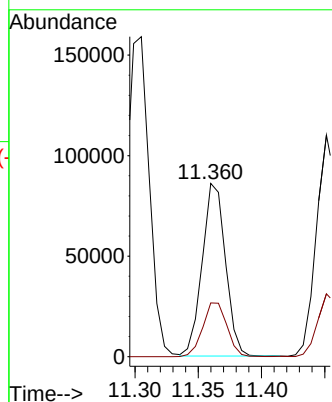
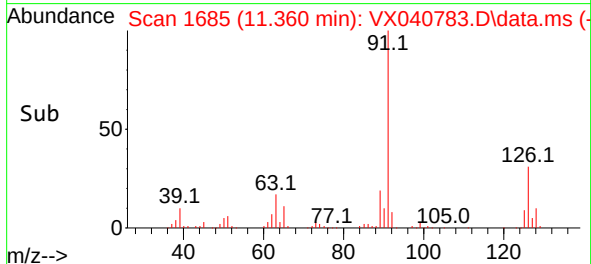
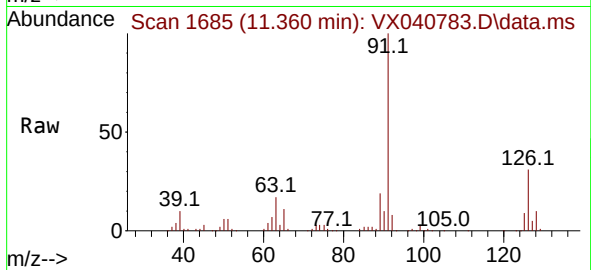
#79
2-Chlorotoluene
Concen: 53.689 ug/l
RT: 11.360 min Scan# 11000
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 110000
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

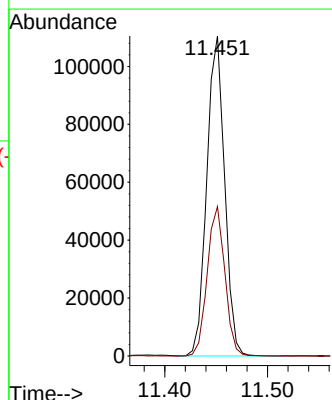
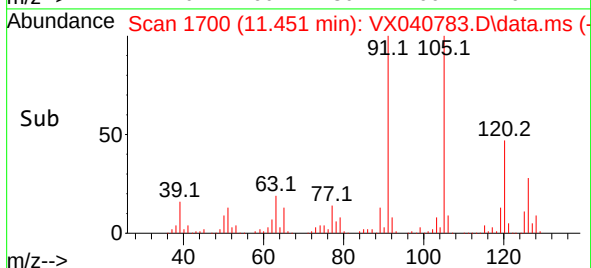
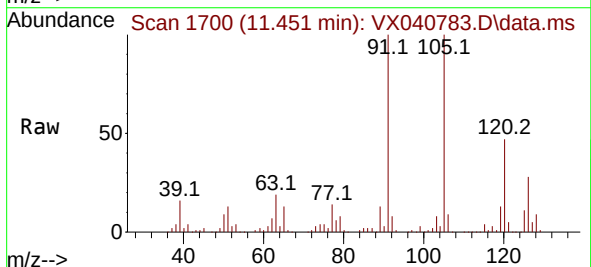
Manual Integrations
APPROVED

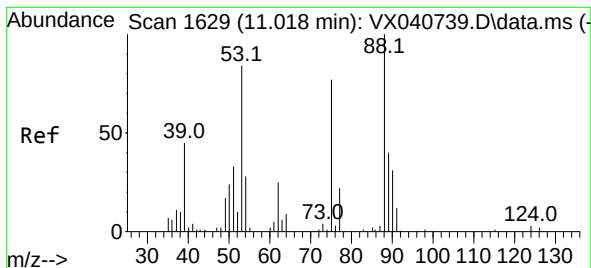
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.230 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

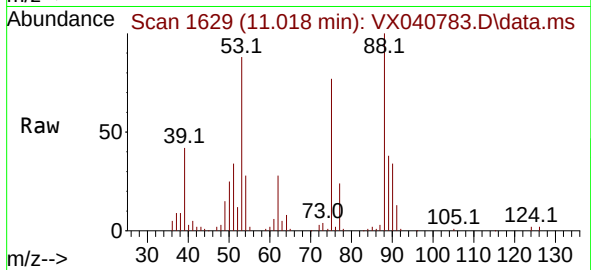
Tgt Ion:105 Resp: 133344
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 59.091 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

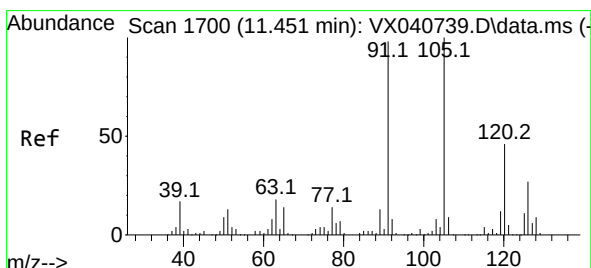
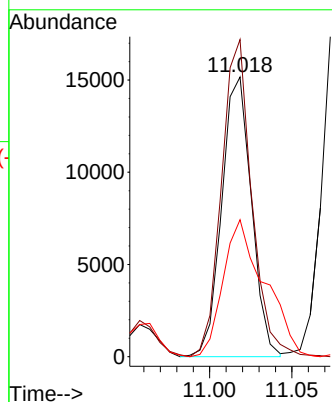
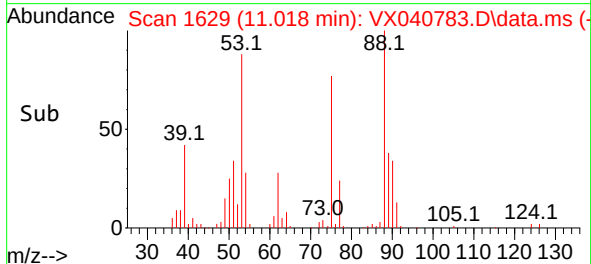
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



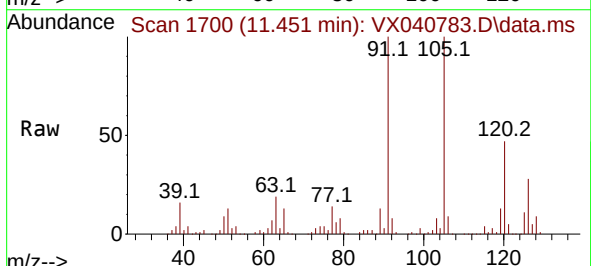
Tgt Ion: 75 Resp: 19068
Ion Ratio Lower Upper
75 100
53 115.4 90.5 135.7
89 68.4 36.9 55.3

Manual Integrations
APPROVED

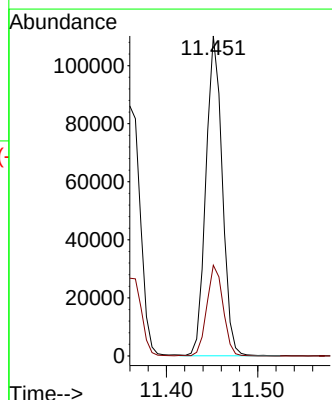
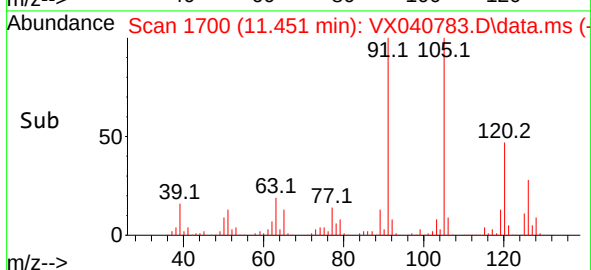
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

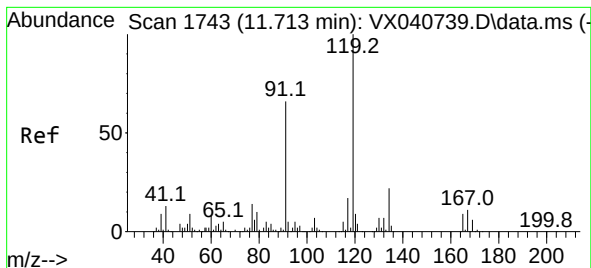


#82
4-Chlorotoluene
Concen: 53.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



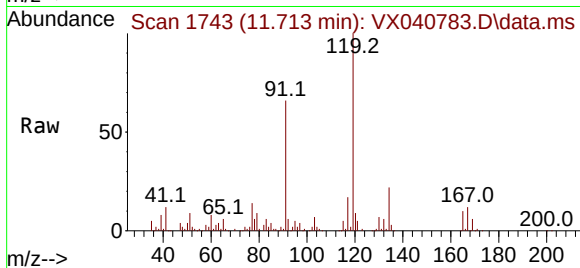
Tgt Ion: 91 Resp: 136334
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 54.760 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

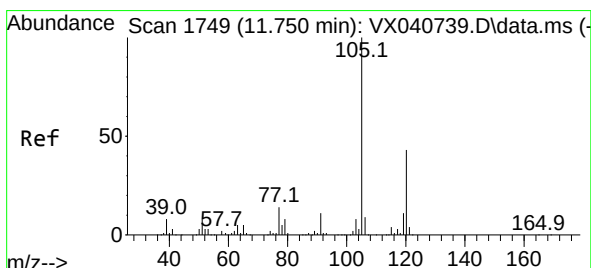
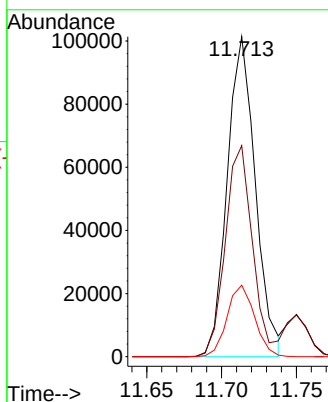
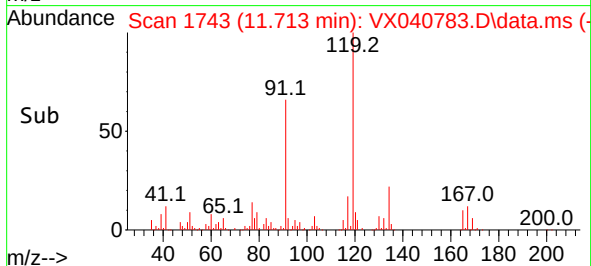
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



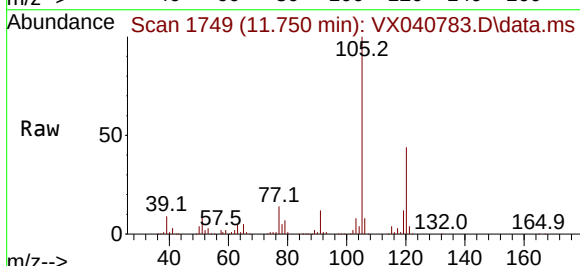
Tgt Ion:119 Resp: 132600
Ion Ratio Lower Upper
119 100
91 62.9 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

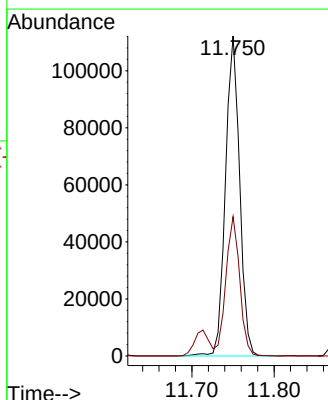
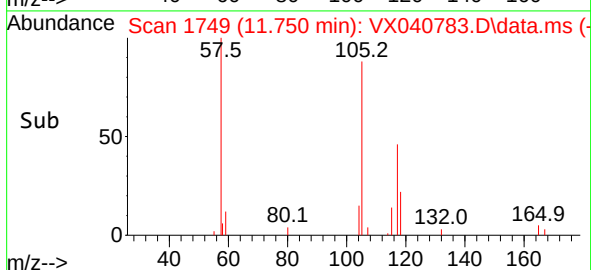
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

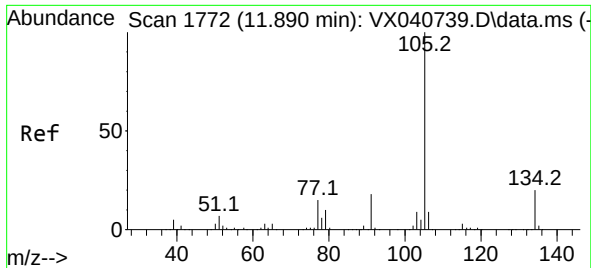


#84
1,2,4-Trimethylbenzene
Concen: 55.459 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



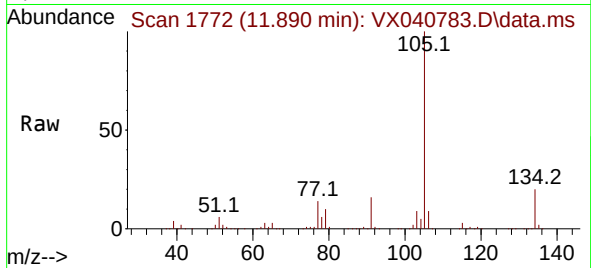
Tgt Ion:105 Resp: 134762
Ion Ratio Lower Upper
105 100
120 42.6 21.2 63.6





#85
sec-Butylbenzene
Concen: 55.087 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

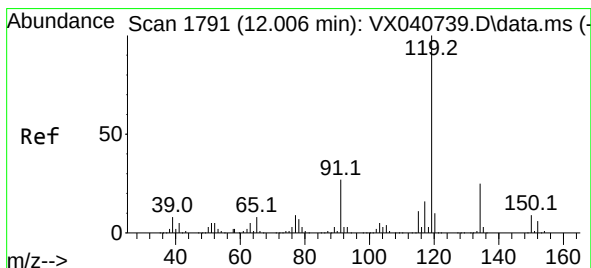
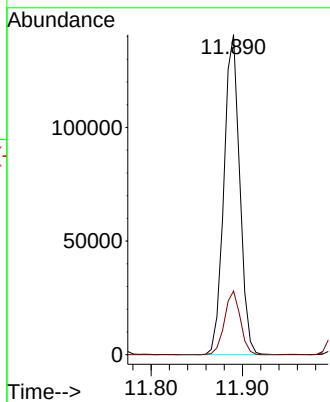
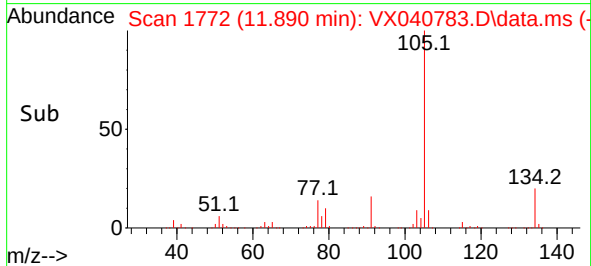
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 169632
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.4

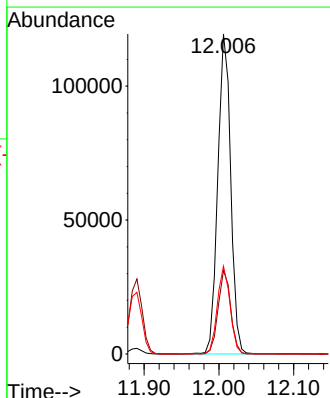
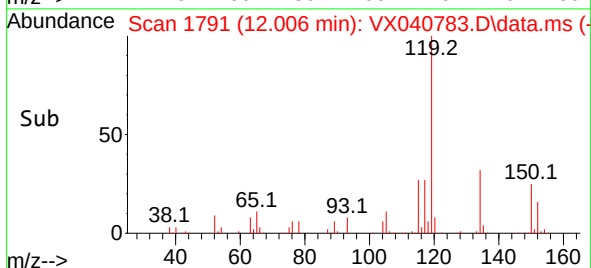
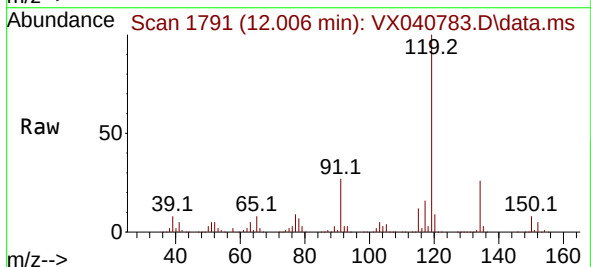
Manual Integrations
APPROVED

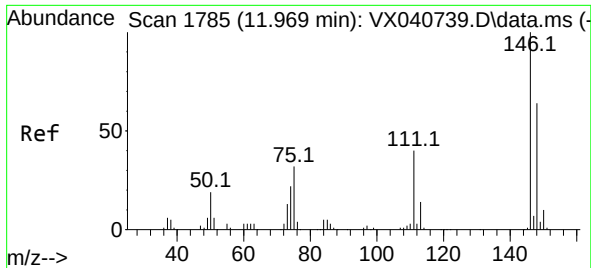
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#86
p-Isopropyltoluene
Concen: 56.125 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

Tgt Ion:119 Resp: 143313
Ion Ratio Lower Upper
119 100
134 25.4 12.8 38.3
91 27.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.360 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 7236

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

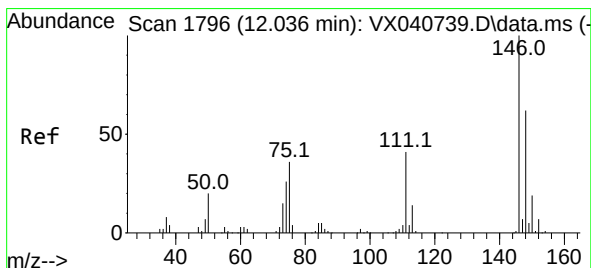
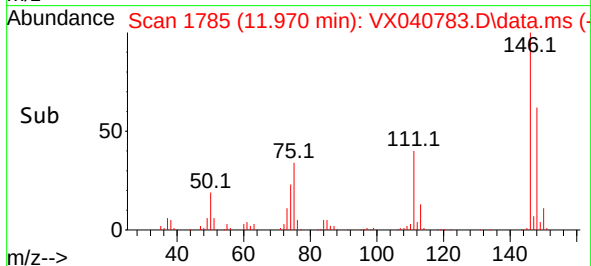
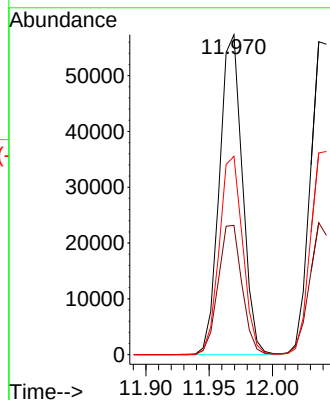
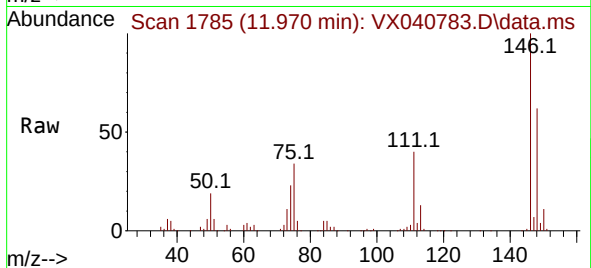
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#88

1,4-Dichlorobenzene

Concen: 51.764 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

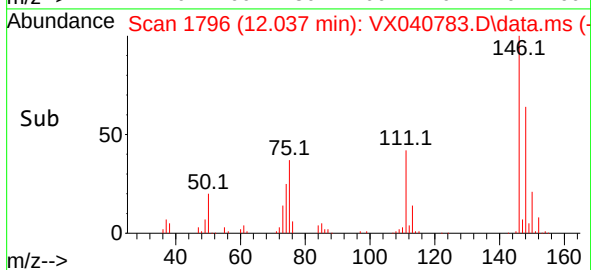
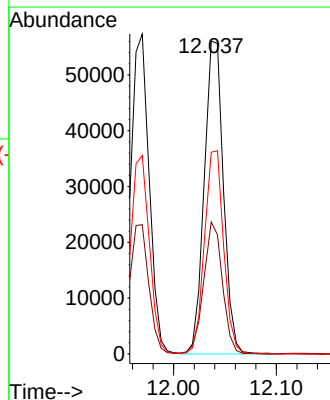
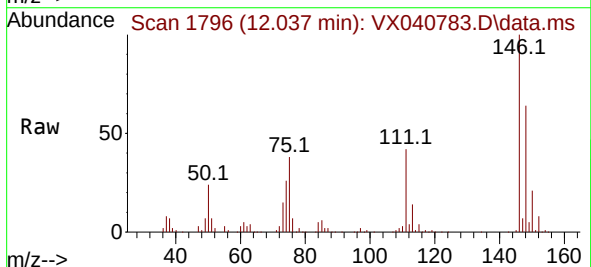
Tgt Ion:146 Resp: 73182

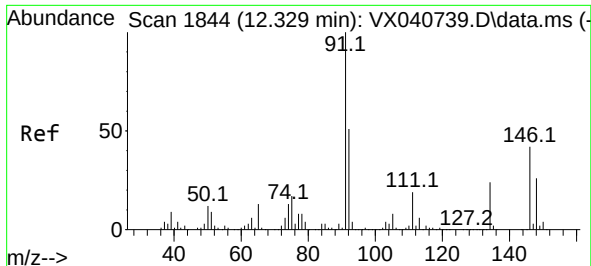
Ion Ratio Lower Upper

146 100

111 41.3 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 56.577 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040783.D

Acq: 25 Mar 2024 09:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 145680

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

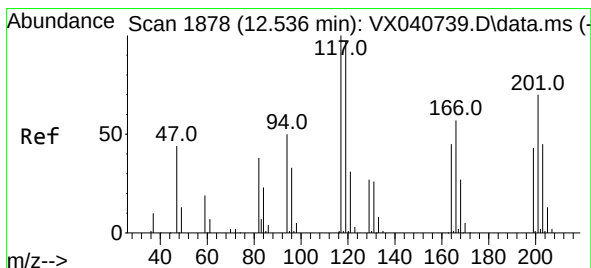
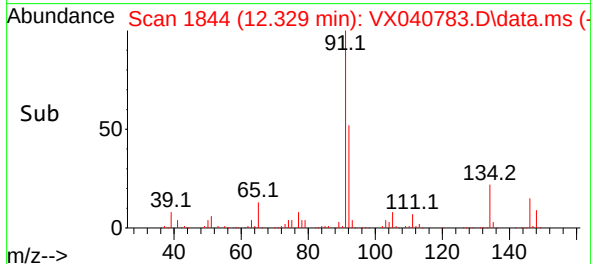
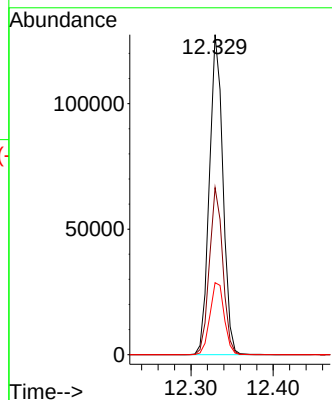
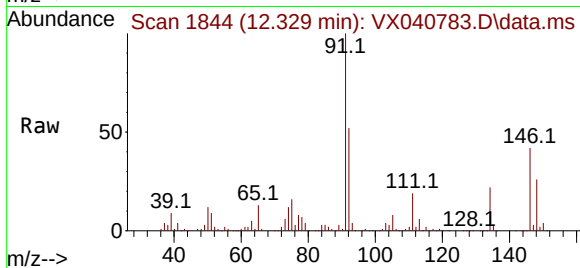
134 23.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#90

Hexachloroethane

Concen: 61.987 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040783.D

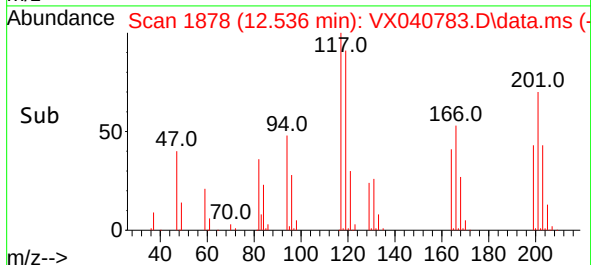
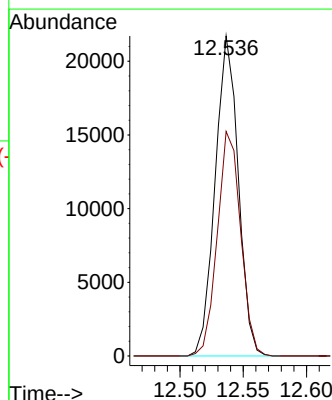
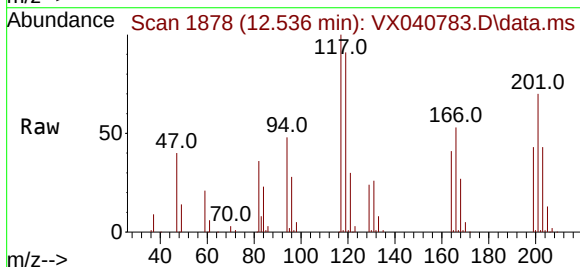
Acq: 25 Mar 2024 09:03

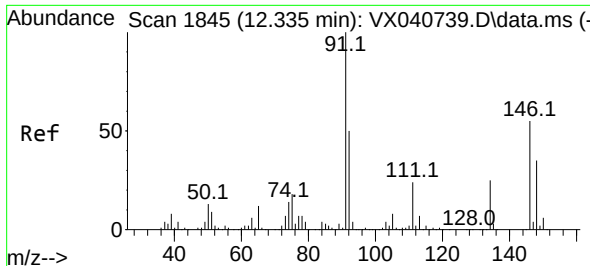
Tgt Ion:117 Resp: 27561

Ion Ratio Lower Upper

117 100

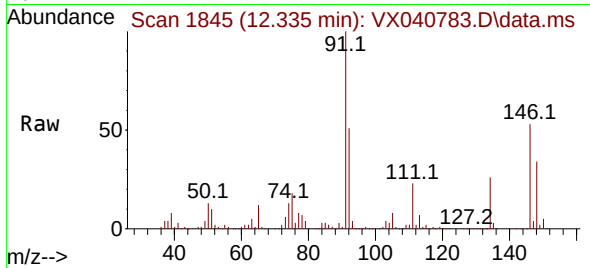
201 70.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 55.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

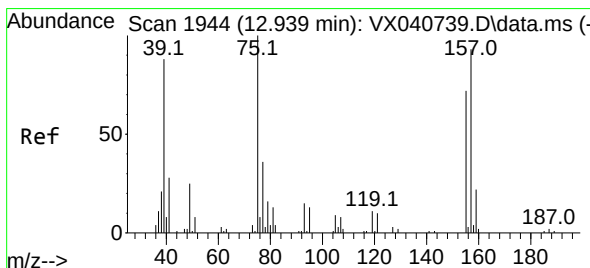
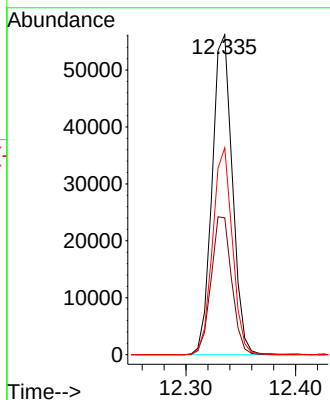
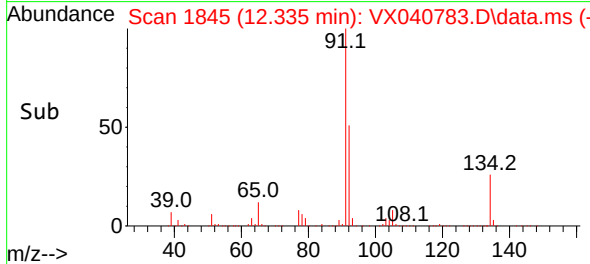
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



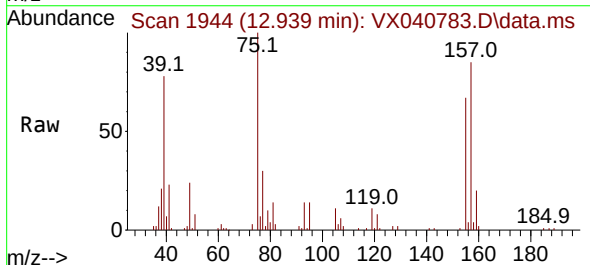
Tgt Ion:146 Resp: 72064
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.2 31.6 95.0

Manual Integrations
APPROVED

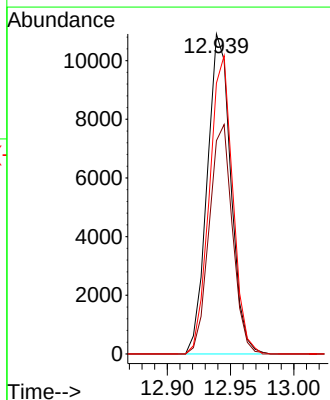
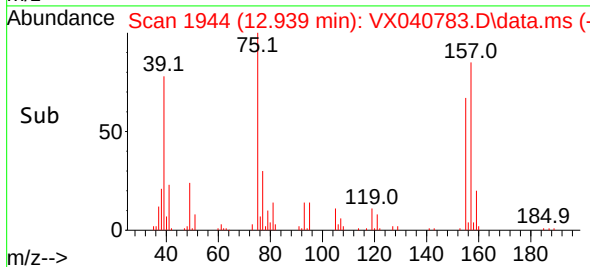
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

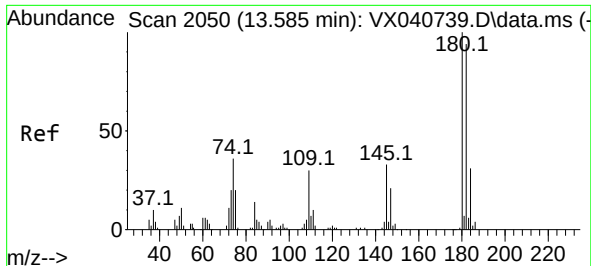


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.278 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



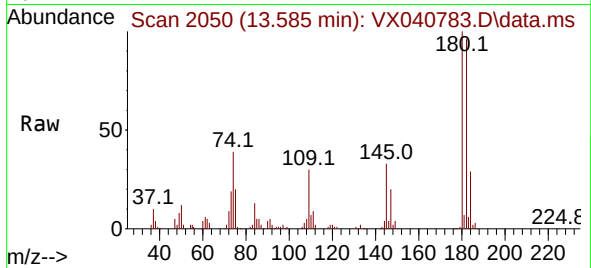
Tgt Ion: 75 Resp: 14187
Ion Ratio Lower Upper
75 100
155 70.5 36.1 108.5
157 91.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 55.975 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

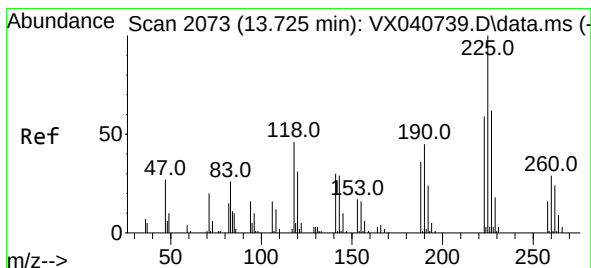
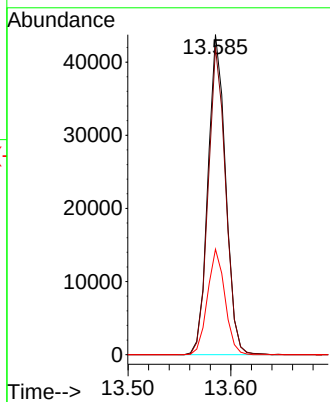
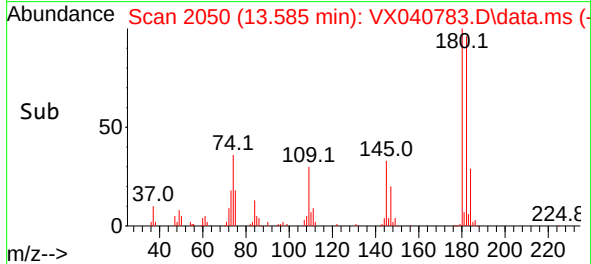
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



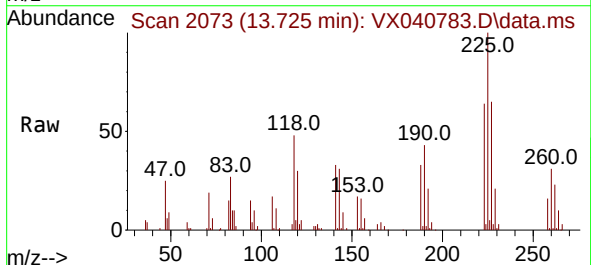
Tgt Ion:180 Resp: 52030
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 32.7 18.0 54.0

Manual Integrations
APPROVED

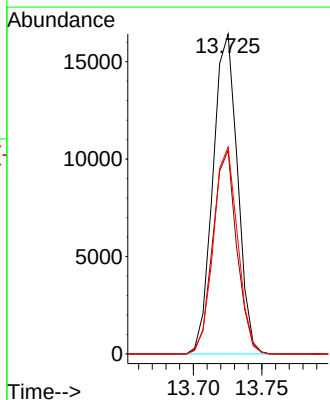
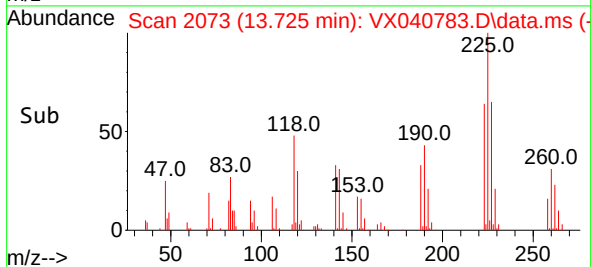
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

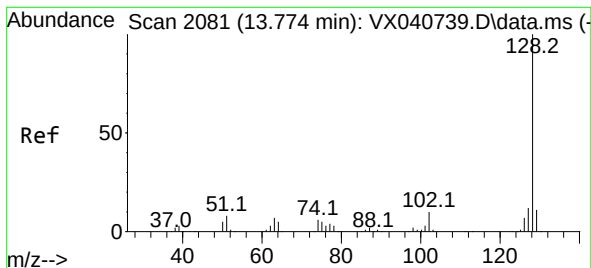


#94
Hexachlorobutadiene
Concen: 55.832 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



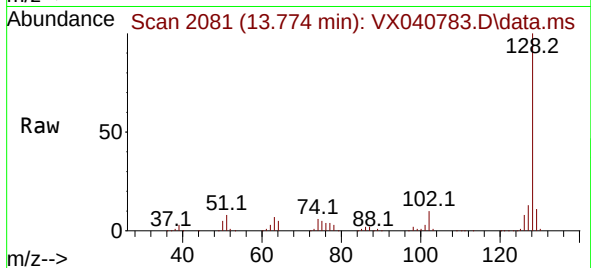
Tgt Ion:225 Resp: 20456
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 64.0 32.5 97.5





#95
Naphthalene
Concen: 58.003 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03

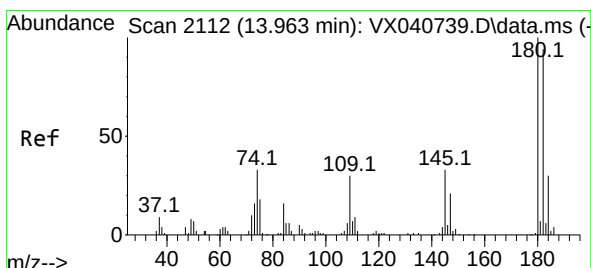
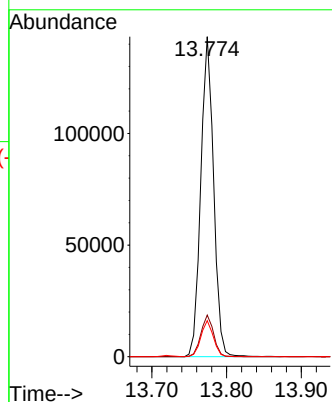
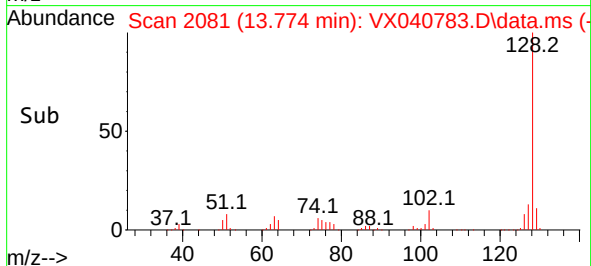
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



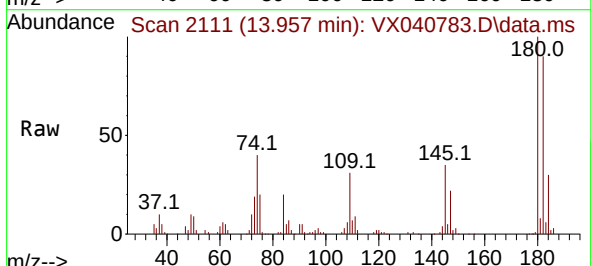
Tgt Ion:128 Resp: 17057
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.996 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040783.D
Acq: 25 Mar 2024 09:03



Tgt Ion:180 Resp: 50225
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 34.2 17.8 53.5

