

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045347.D
 Acq On : 20 Mar 2025 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 01:40:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	160941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82508	55.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.240%			
35) Dibromofluoromethane	5.379	113	61401	57.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.120%			
50) Toluene-d8	8.647	98	211503	54.211	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.420%			
62) 4-Bromofluorobenzene	11.079	95	74611	57.711	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59746	50.442	ug/l	97
3) Chloromethane	1.307	50	64302	44.361	ug/l	96
4) Vinyl Chloride	1.374	62	61838	43.004	ug/l	95
5) Bromomethane	1.593	94	25902	45.822	ug/l	97
6) Chloroethane	1.660	64	29735	44.831	ug/l	100
7) Trichlorofluoromethane	1.868	101	92068	48.366	ug/l	99
8) Diethyl Ether	2.130	74	32644	43.843	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	61677	56.396	ug/l	99
10) Methyl Iodide	2.441	142	71548	52.350	ug/l	96
11) Tert butyl alcohol	2.983	59	66006	232.818	ug/l	99
12) 1,1-Dichloroethene	2.307	96	57166	49.441	ug/l	99
13) Acrolein	2.239	56	75371	229.981	ug/l	98
14) Allyl chloride	2.654	41	110322	53.602	ug/l	97
15) Acrylonitrile	3.062	53	200634	264.049	ug/l	99
16) Acetone	2.386	43	196313	282.690	ug/l	99
17) Carbon Disulfide	2.496	76	128203	41.629	ug/l	97
18) Methyl Acetate	2.703	43	110994	66.439	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	201610	51.972	ug/l	99
20) Methylene Chloride	2.782	84	68099	49.504	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	56672	49.612	ug/l	97
22) Diisopropyl ether	3.757	45	218443	52.186	ug/l	93
23) Vinyl Acetate	3.715	43	911566	260.960	ug/l	98
24) 1,1-Dichloroethane	3.599	63	119458	50.922	ug/l	99
25) 2-Butanone	4.556	43	286555	274.133	ug/l	96
26) 2,2-Dichloropropane	4.465	77	86451	78.567	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	71053	50.388	ug/l	92
28) Bromochloromethane	4.891	49	56750	50.753	ug/l	99
29) Tetrahydrofuran	5.001	42	176238	251.058	ug/l	99
30) Chloroform	5.087	83	120782	51.818	ug/l	100
31) Cyclohexane	5.452	56	99254	48.741	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	100201	53.226	ug/l	98
36) 1,1-Dichloropropene	5.678	75	77237	52.334	ug/l	99
37) Ethyl Acetate	4.715	43	102186	53.733	ug/l	99
38) Carbon Tetrachloride	5.666	117	84612	56.470	ug/l	98
39) Methylcyclohexane	7.373	83	97687	55.240	ug/l	96
40) Benzene	6.025	78	242215	51.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59716	58.072	ug/l	99
42) 1,2-Dichloroethane	6.080	62	96672	57.604	ug/l	97
43) Isopropyl Acetate	6.336	43	160232	56.979	ug/l	99
44) Trichloroethene	7.117	130	56744	51.854	ug/l	100
45) 1,2-Dichloropropane	7.421	63	64615	53.925	ug/l	98
46) Dibromomethane	7.574	93	47119	55.635	ug/l	97
47) Bromodichloromethane	7.818	83	94372	56.808	ug/l	99
48) Methyl methacrylate	7.690	41	80819	57.285	ug/l	96
49) 1,4-Dioxane	7.665	88	29379	987.206	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	540720	286.370	ug/l	99
52) Toluene	8.714	92	146417	53.547	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	84772	61.040	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	96208	59.407	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	60462	53.712	ug/l	97
56) Ethyl methacrylate	9.116	69	96357	56.313	ug/l	95
57) 1,3-Dichloropropane	9.305	76	106148	54.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	258027	309.131	ug/l	98
59) 2-Hexanone	9.427	43	395325	288.965	ug/l	99
60) Dibromochloromethane	9.519	129	67728	57.543	ug/l	98
61) 1,2-Dibromoethane	9.604	107	60702	54.017	ug/l	100
64) Tetrachloroethene	9.269	164	48599	54.416	ug/l	98
65) Chlorobenzene	10.073	112	159759	54.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54037	54.992	ug/l	99
67) Ethyl Benzene	10.189	91	286365	55.699	ug/l	100
68) m/p-Xylenes	10.299	106	211033	112.126	ug/l	97
69) o-Xylene	10.640	106	102643	54.073	ug/l	97
70) Styrene	10.653	104	173421	56.462	ug/l	98
71) Bromoform	10.799	173	43429	58.610	ug/l #	99
73) Isopropylbenzene	10.957	105	272973	54.526	ug/l	99
74) N-amyl acetate	10.842	43	131333	55.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	93995	51.164	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	78826m	52.802	ug/l	
77) Bromobenzene	11.195	156	60575	51.283	ug/l	95
78) n-propylbenzene	11.305	91	320714	56.710	ug/l	99
79) 2-Chlorotoluene	11.360	91	192413	53.424	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	222755	55.029	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25918	59.413	ug/l	92
82) 4-Chlorotoluene	11.451	91	215413	54.878	ug/l	99
83) tert-Butylbenzene	11.713	119	224427	53.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224842	55.202	ug/l	98
85) sec-Butylbenzene	11.890	105	285577	57.320	ug/l	99
86) p-Isopropyltoluene	12.006	119	232345	57.707	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112042	53.171	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	110569	51.865	ug/l	98
89) n-Butylbenzene	12.329	91	211674	61.041	ug/l	100
90) Hexachloroethane	12.536	117	41788	57.380	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	112628	53.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20610	57.585	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	68746	57.116	ug/l	99
94) Hexachlorobutadiene	13.725	225	29525	59.832	ug/l	98
95) Naphthalene	13.774	128	256043	55.368	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71037	55.945	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

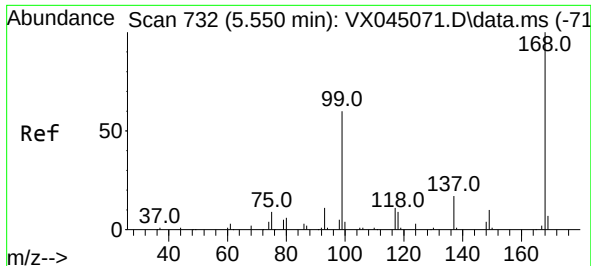
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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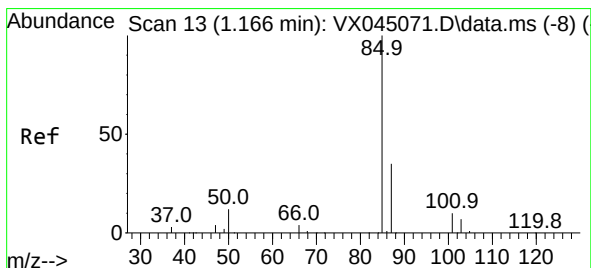
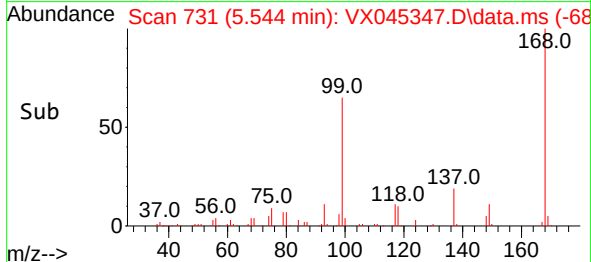
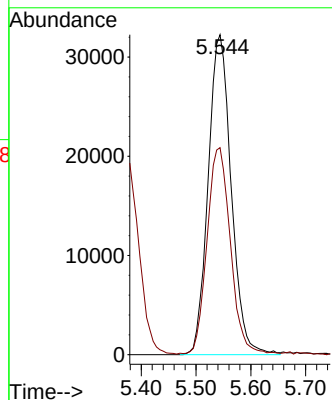
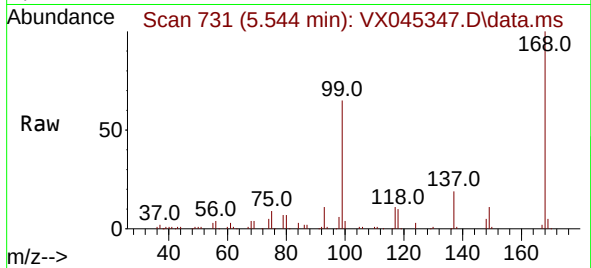
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 9409
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4

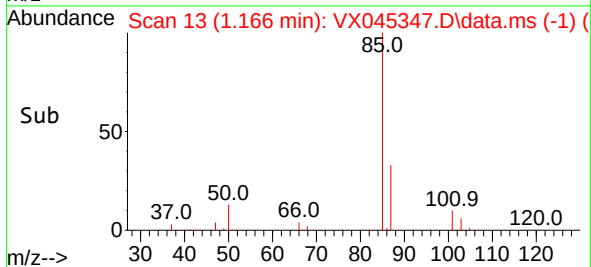
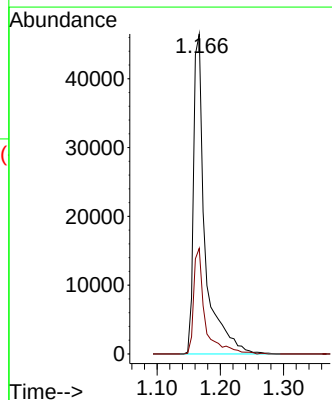
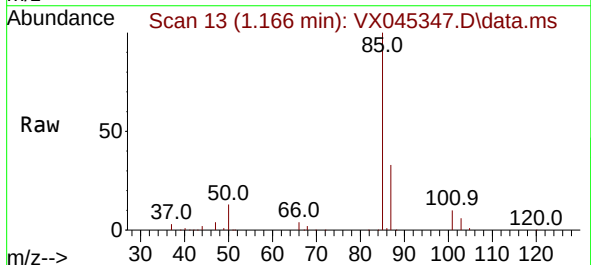
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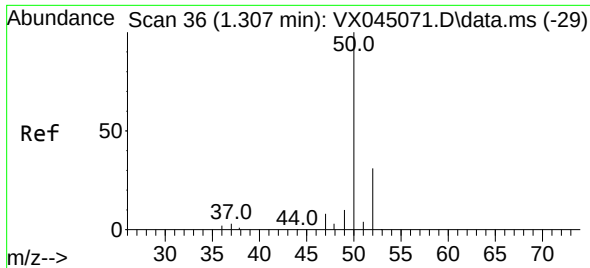
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#2
Dichlorodifluoromethane
Concen: 50.442 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 85 Resp: 59746
Ion Ratio Lower Upper
85 100
87 33.0 17.4 52.3





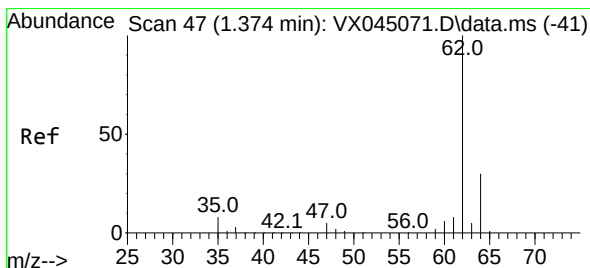
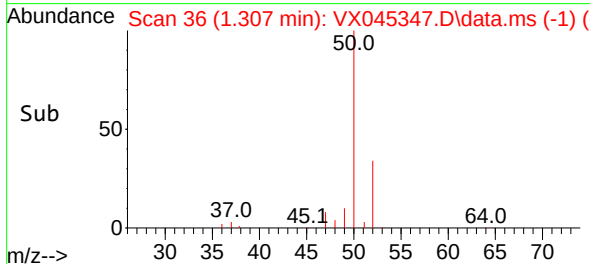
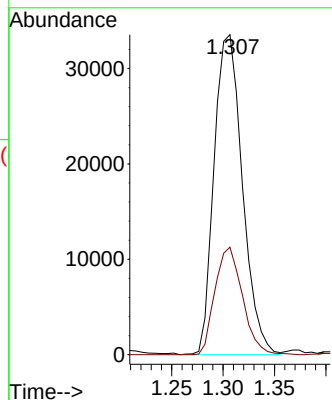
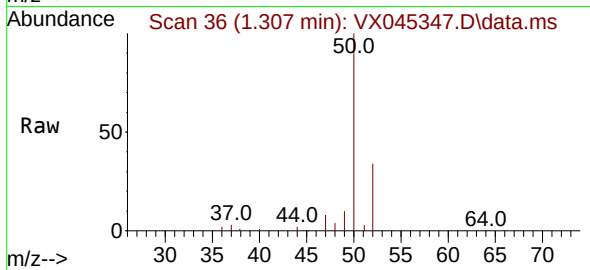
#3
Chloromethane
Concen: 44.361 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 64302
Ion Ratio Lower Upper
50 100
52 33.6 25.0 37.4

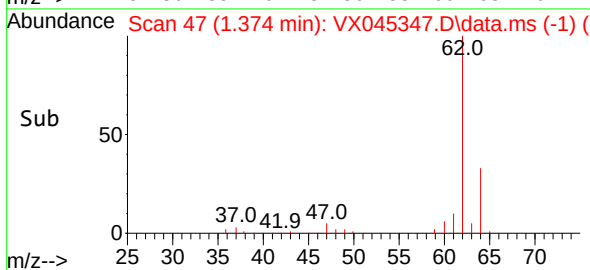
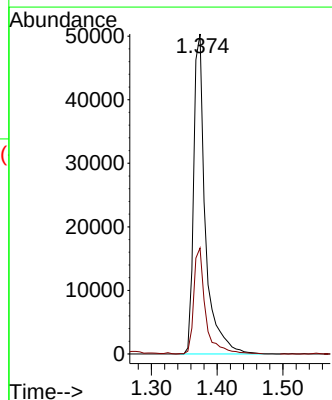
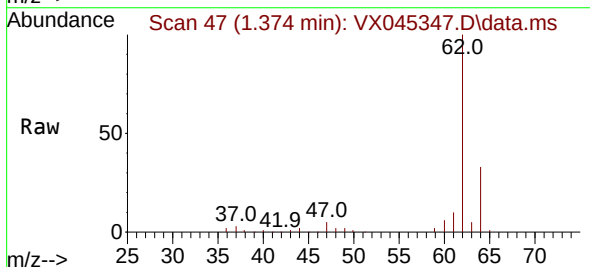
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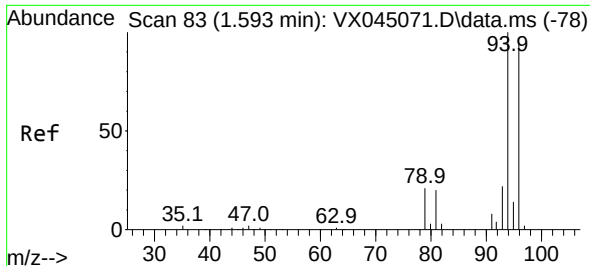
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#4
Vinyl Chloride
Concen: 43.004 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

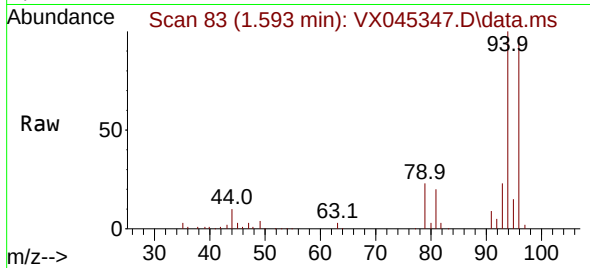
Tgt Ion: 62 Resp: 61838
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5





#5
 Bromomethane
 Concen: 45.822 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX045347.D
 Acq: 20 Mar 2025 09:38

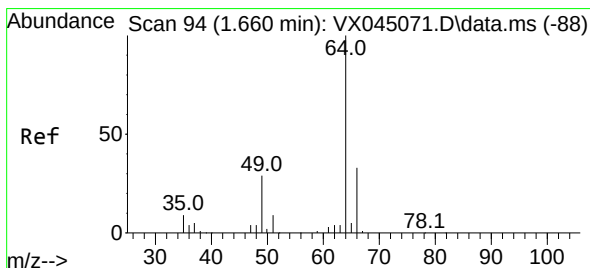
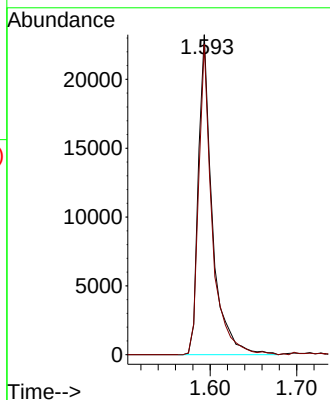
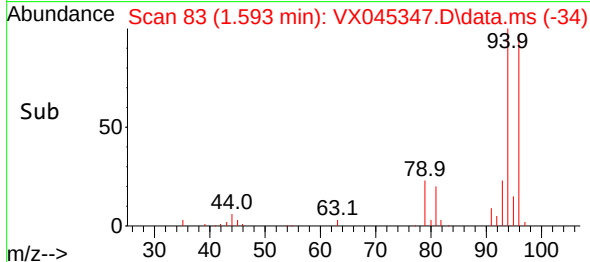
Instrument :
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Tgt Ion: 94 Resp: 25902
 Ion Ratio Lower Upper
 94 100
 96 96.9 75.0 112.4

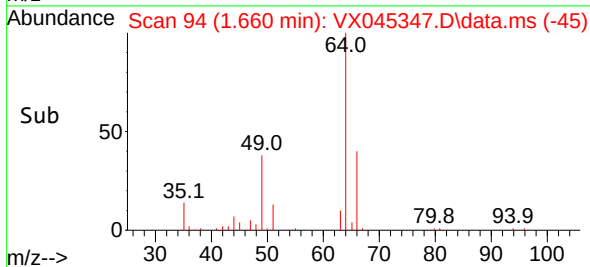
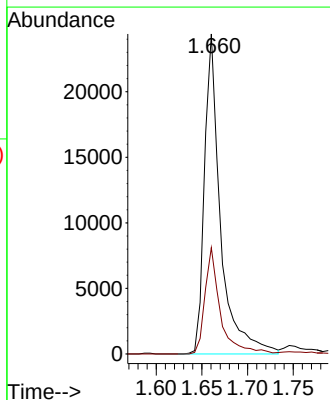
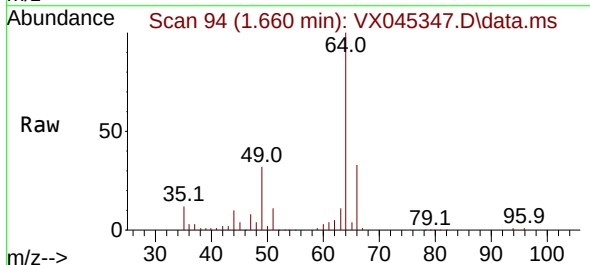
Manual Integrations
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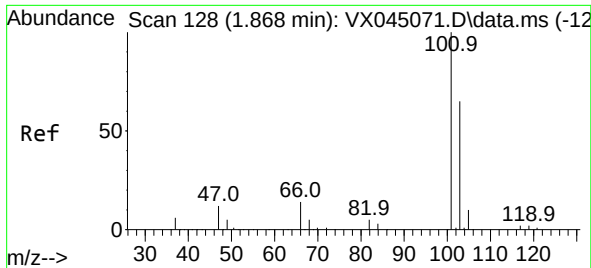
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#6
 Chloroethane
 Concen: 44.831 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VX045347.D
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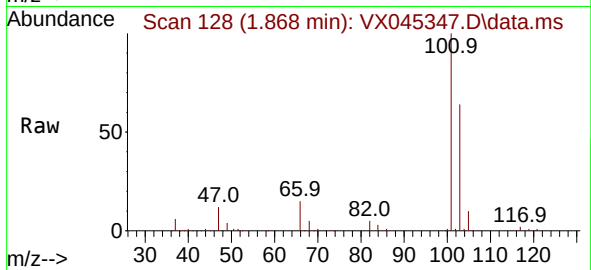
Tgt Ion: 64 Resp: 29735
 Ion Ratio Lower Upper
 64 100
 66 33.2 26.7 40.1





#7
Trichlorofluoromethane
Concen: 48.366 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

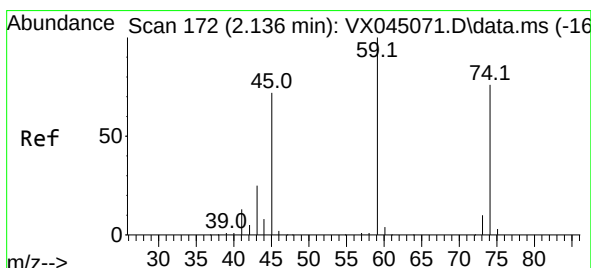
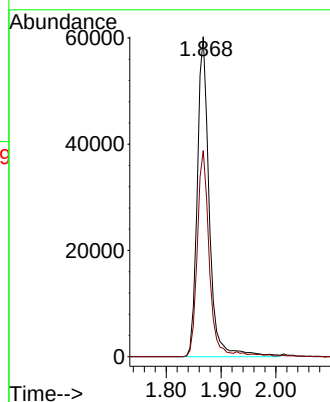
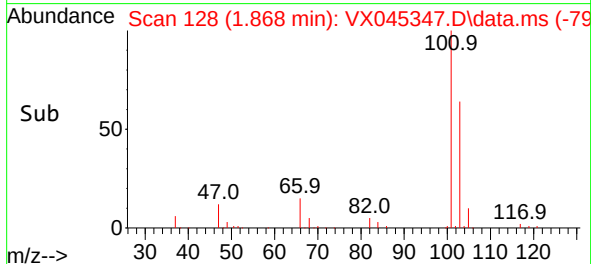
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 92068
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

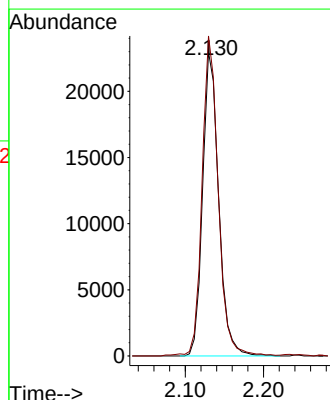
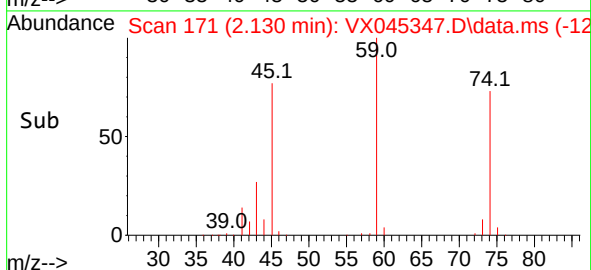
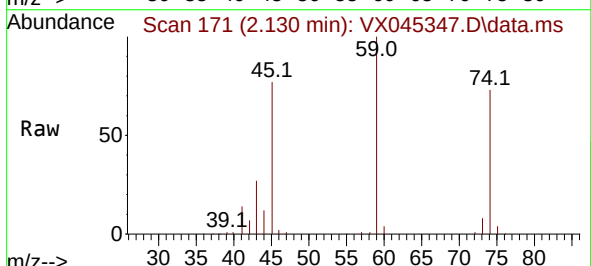
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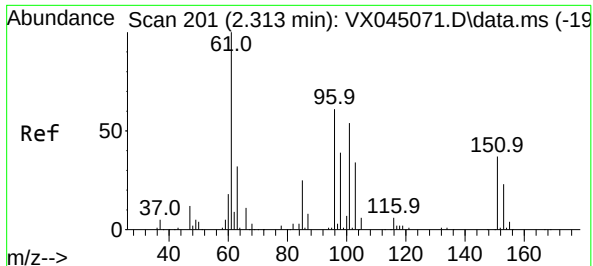
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#8
Diethyl Ether
Concen: 43.843 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 74 Resp: 32644
Ion Ratio Lower Upper
74 100
45 105.9 51.5 154.5





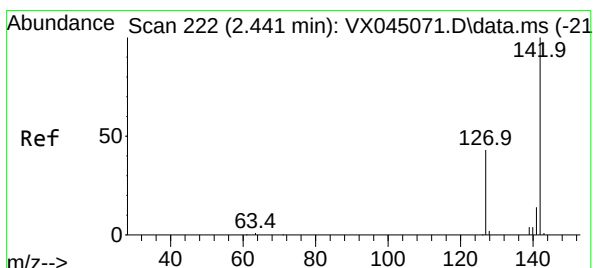
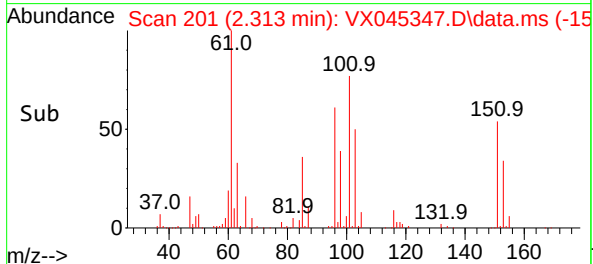
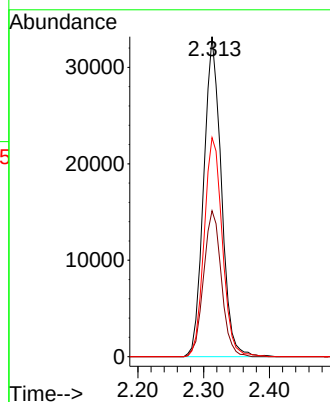
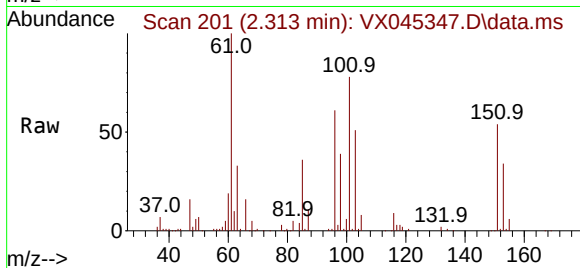
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.396 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6167
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 70.6 56.4 84.6

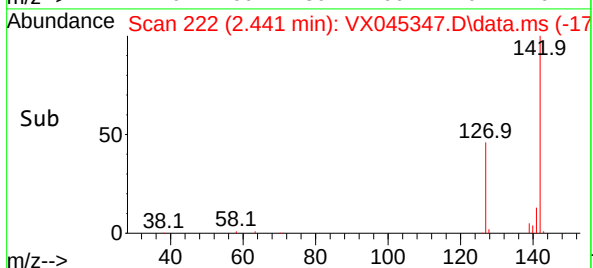
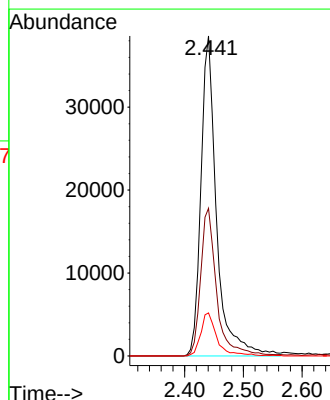
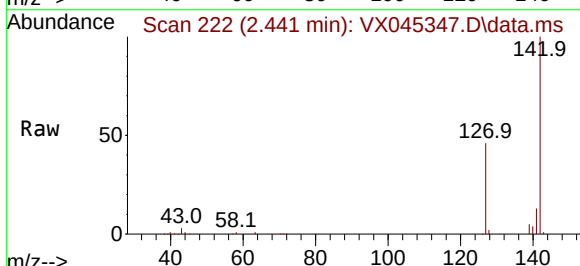
Manual Integrations
APPROVED

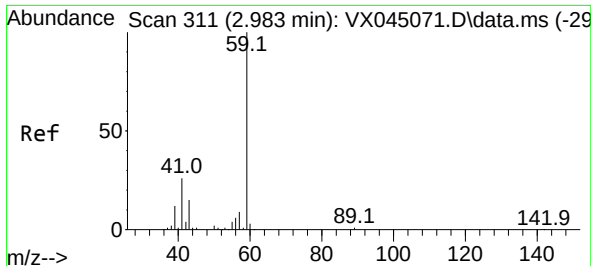
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 52.350 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

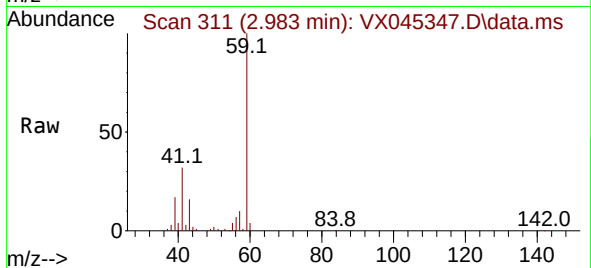
Tgt Ion:142 Resp: 71548
Ion Ratio Lower Upper
142 100
127 47.4 35.4 53.2
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 232.818 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

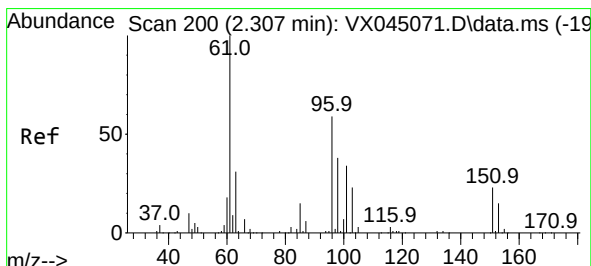
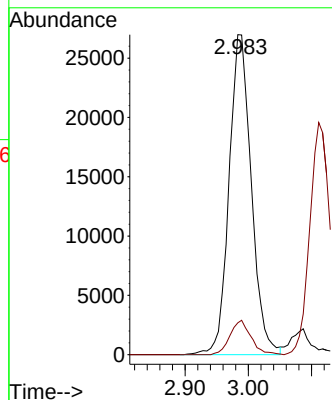
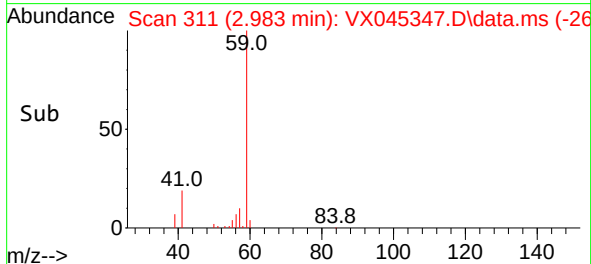
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



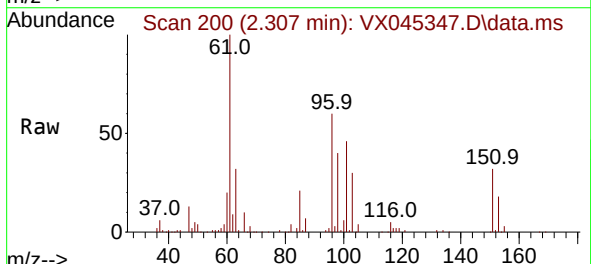
Tgt Ion: 59 Resp: 66000
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

Manual Integrations
APPROVED

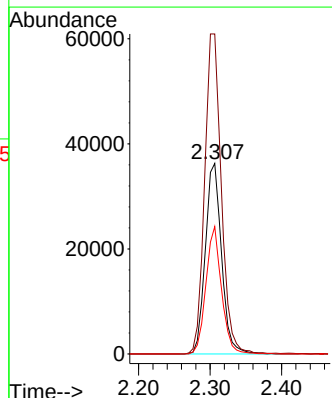
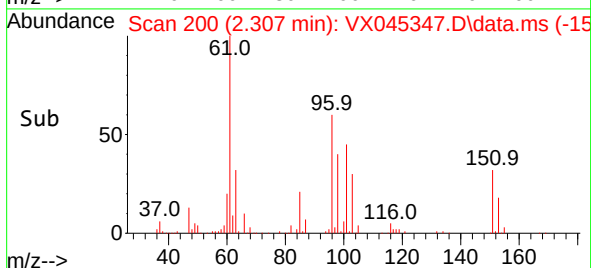
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

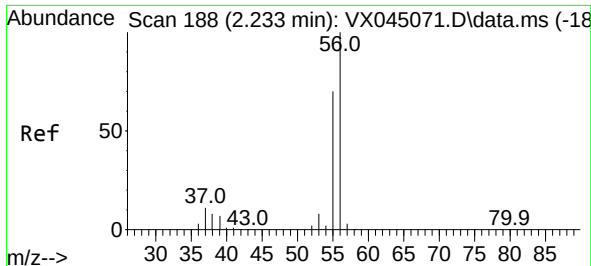


#12
1,1-Dichloroethene
Concen: 49.441 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



Tgt Ion: 96 Resp: 57166
Ion Ratio Lower Upper
96 100
61 168.0 134.6 202.0
98 66.8 51.0 76.6





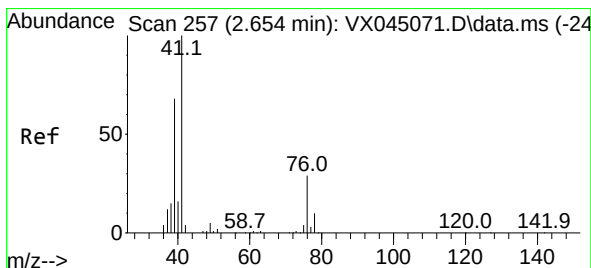
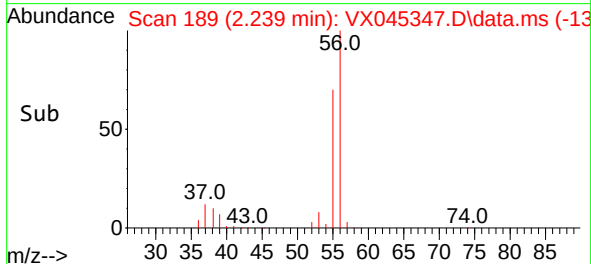
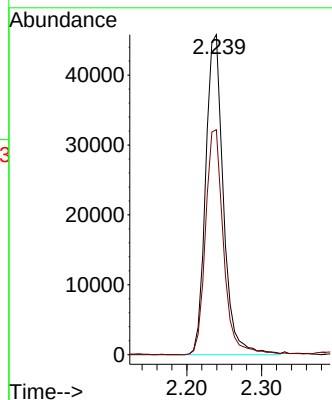
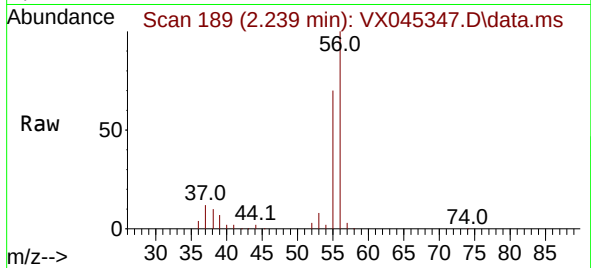
#13
Acrolein
Concen: 229.981 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7537
Ion Ratio Lower Upper
56 100
55 71.9 56.2 84.4

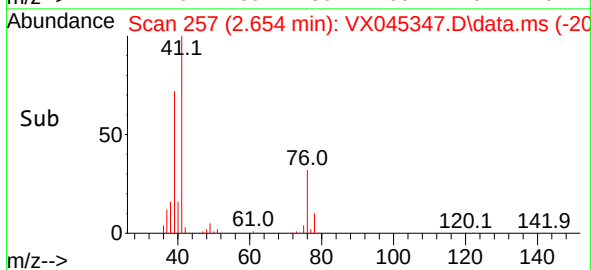
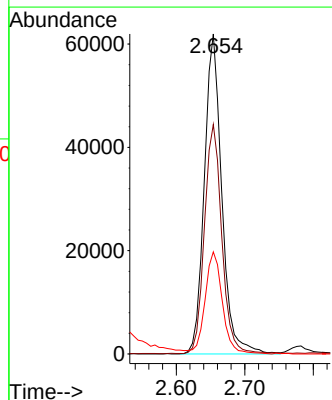
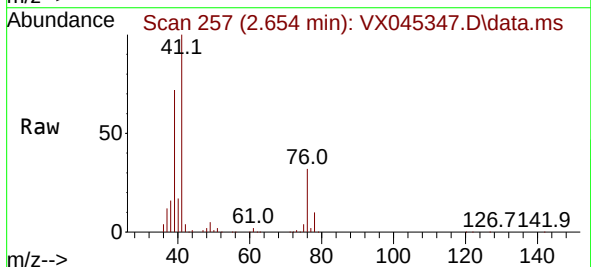
Manual Integrations
APPROVED

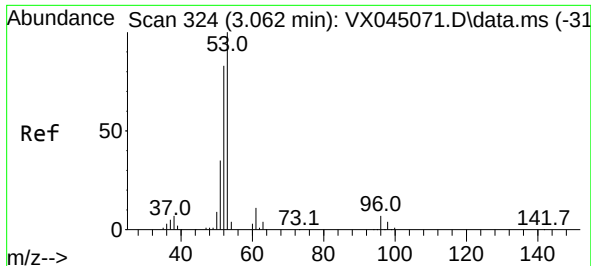
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#14
Allyl chloride
Concen: 53.602 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

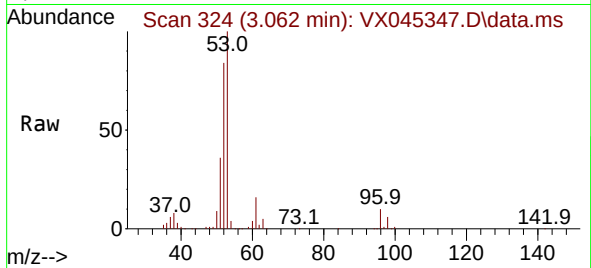
Tgt Ion: 41 Resp: 110322
Ion Ratio Lower Upper
41 100
39 70.6 53.8 80.8
76 31.7 25.2 37.8





#15
Acrylonitrile
Concen: 264.049 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

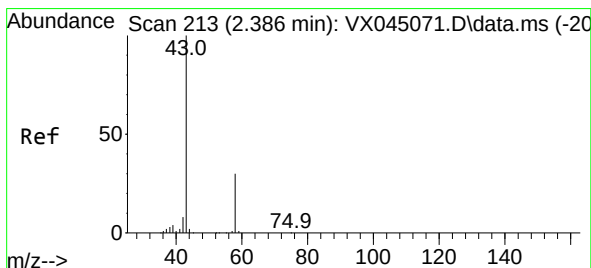
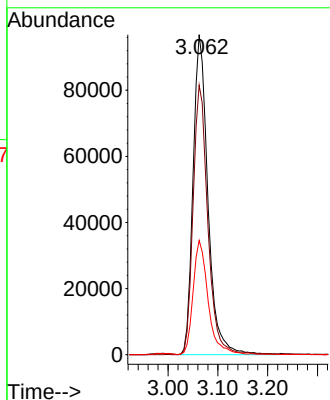
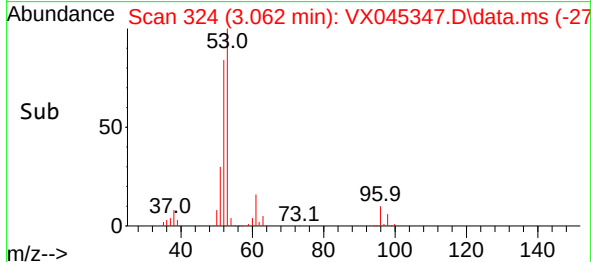
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 200634
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 35.8 29.0 43.4

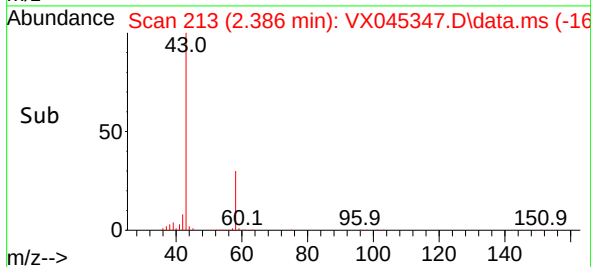
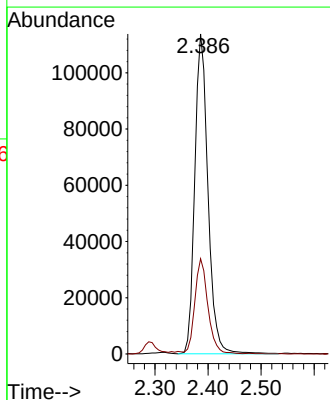
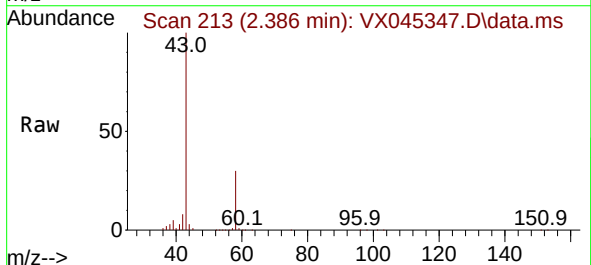
Manual Integrations
APPROVED

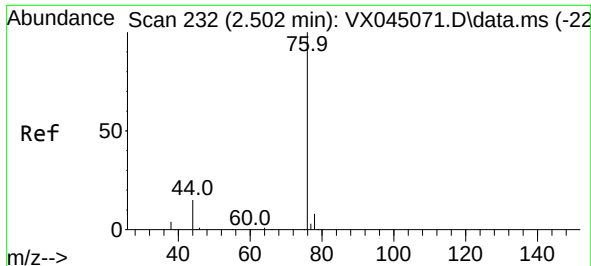
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#16
Acetone
Concen: 282.690 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 43 Resp: 196313
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4





#17

Carbon Disulfide

Concen: 41.629 ug/l

RT: 2.496 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12820

Ion Ratio Lower Upper

76 100

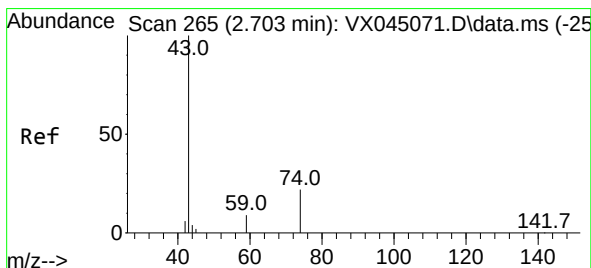
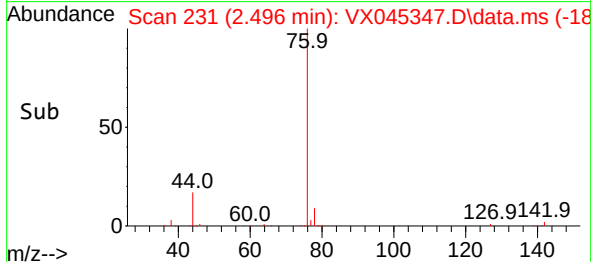
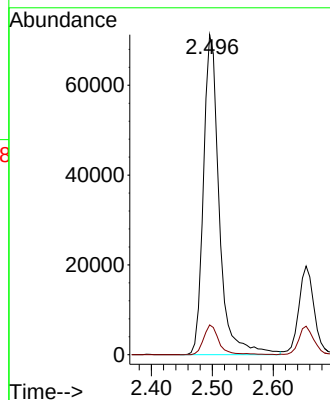
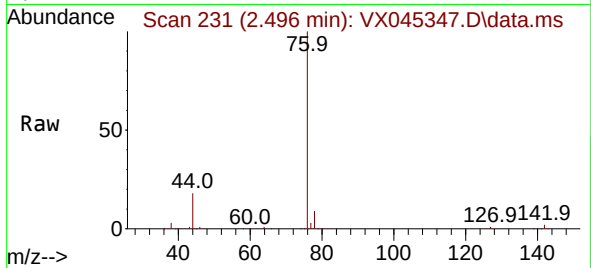
78 9.3 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#18

Methyl Acetate

Concen: 66.439 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045347.D

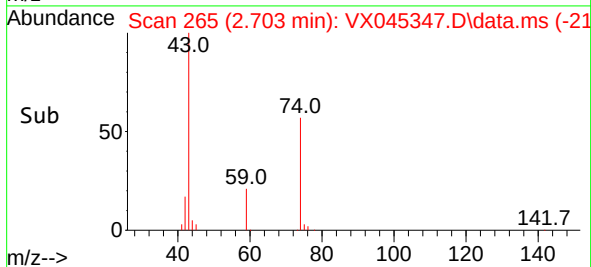
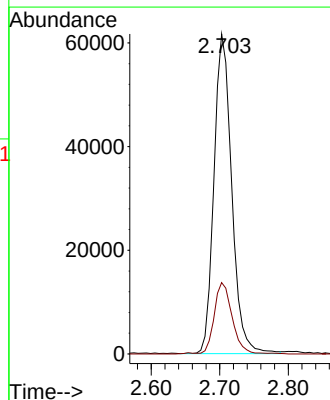
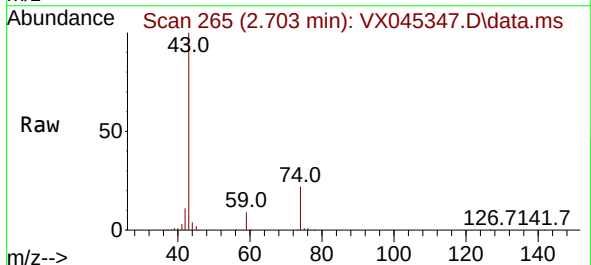
Acq: 20 Mar 2025 09:38

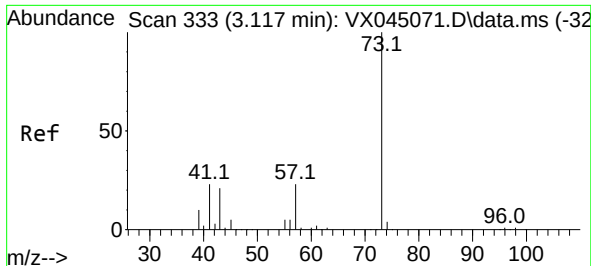
Tgt Ion: 43 Resp: 110994

Ion Ratio Lower Upper

43 100

74 22.6 17.4 26.2





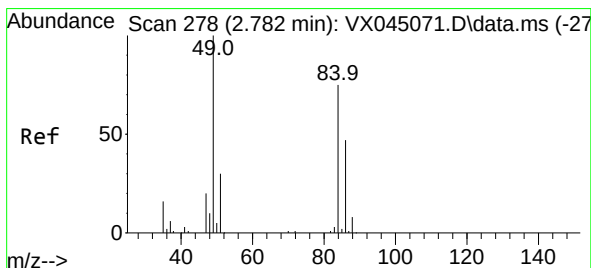
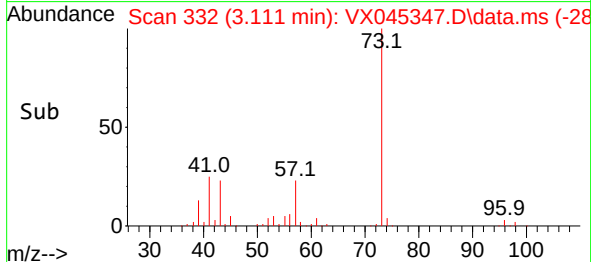
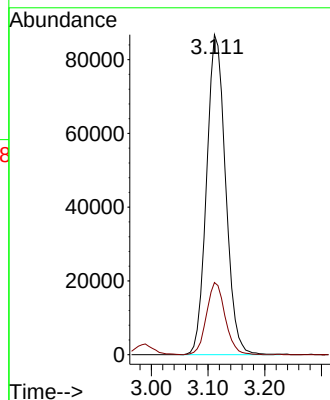
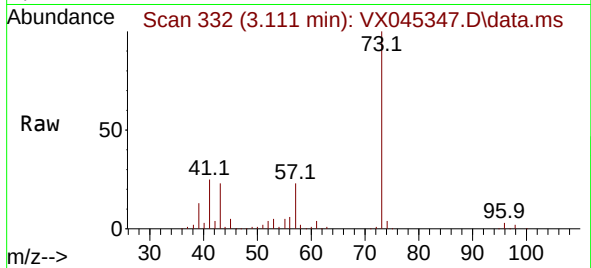
#19
Methyl tert-butyl Ether
Concen: 51.972 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 201610
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

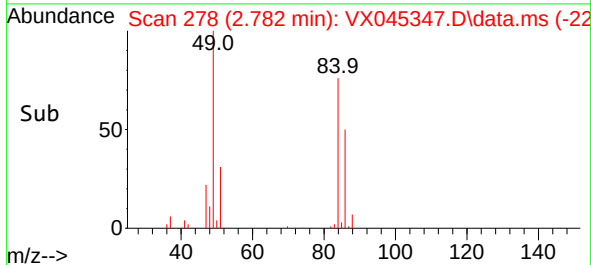
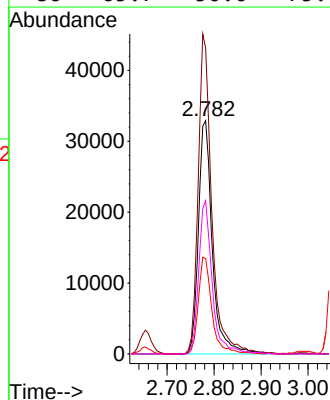
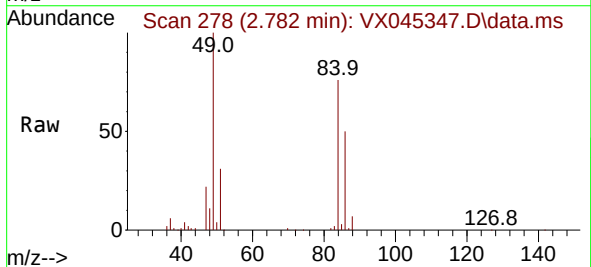
Manual Integrations
APPROVED

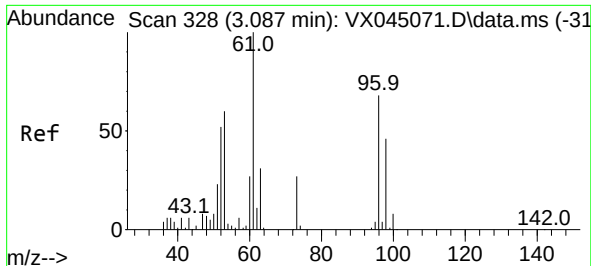
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 49.504 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

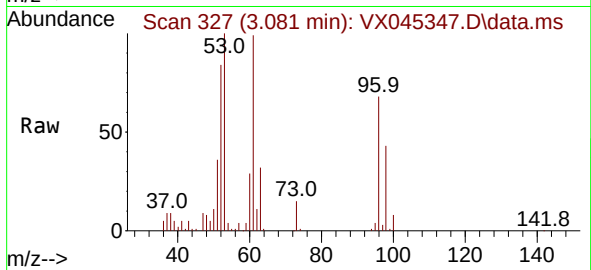
Tgt Ion: 84 Resp: 68099
Ion Ratio Lower Upper
84 100
49 131.2 106.5 159.7
51 41.0 32.1 48.1
86 65.7 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 49.612 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

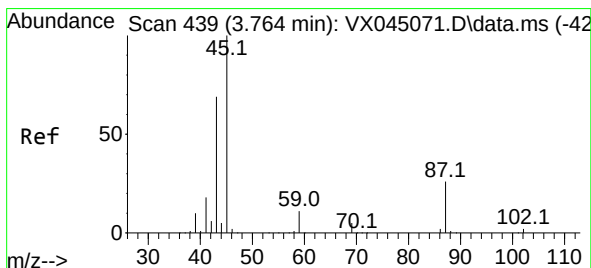
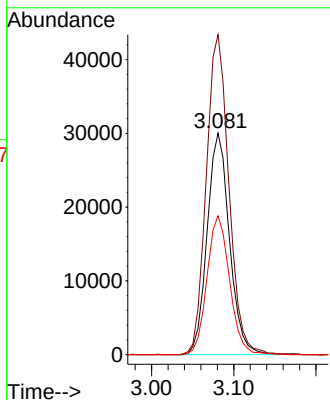
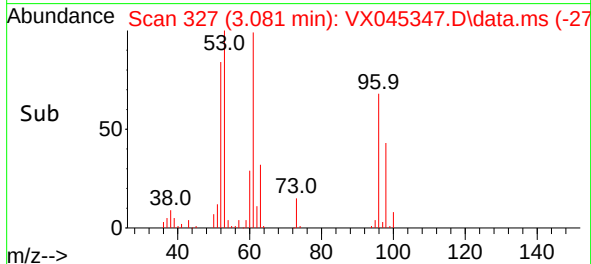
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 56672
Ion Ratio Lower Upper
96 100
61 144.5 117.0 175.4
98 62.7 53.4 80.2

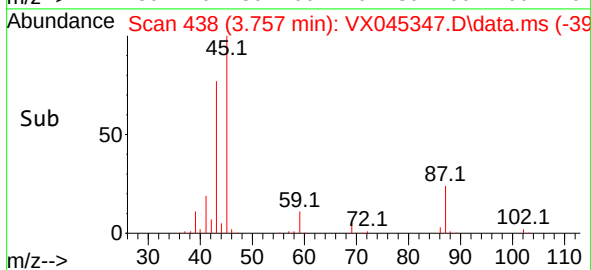
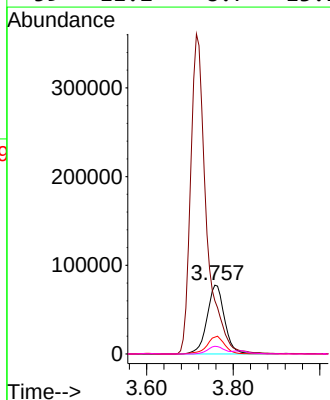
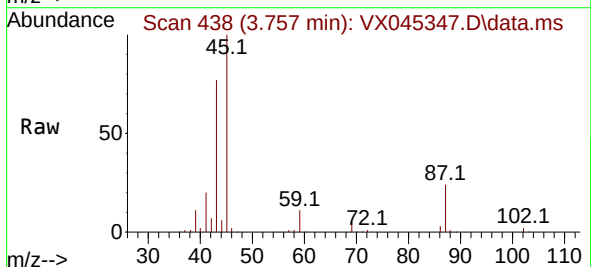
Manual Integrations
APPROVED

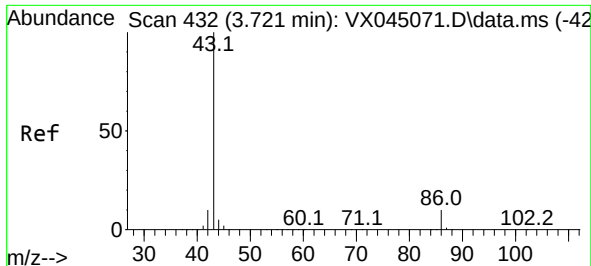
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 52.186 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

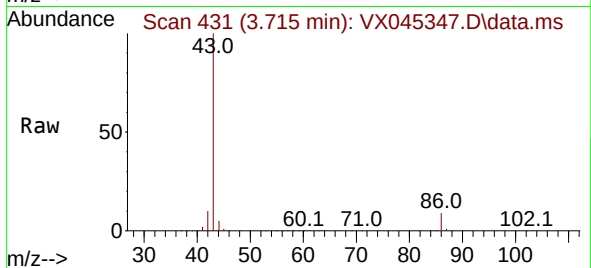
Tgt Ion: 45 Resp: 218443
Ion Ratio Lower Upper
45 100
43 76.8 54.9 82.3
87 24.5 21.0 31.4
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 260.960 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045347.D
 Acq: 20 Mar 2025 09:38

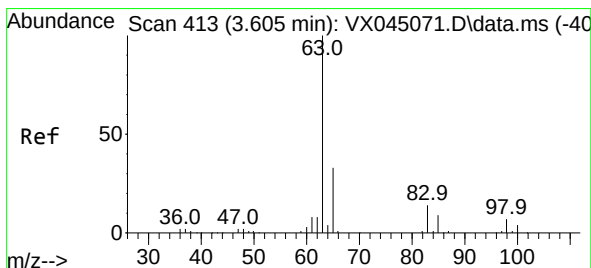
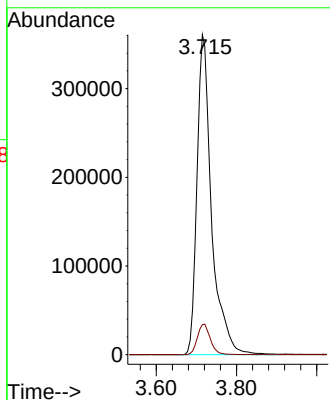
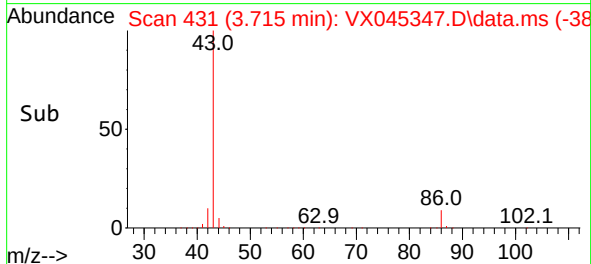
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



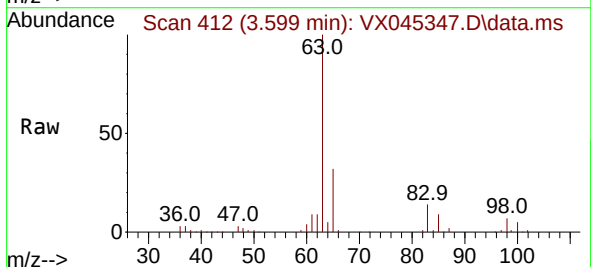
Tgt Ion: 43 Resp: 911560
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.1 12.1

Manual Integrations
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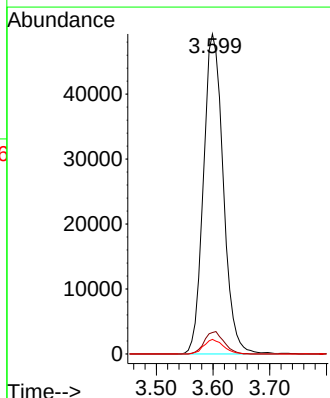
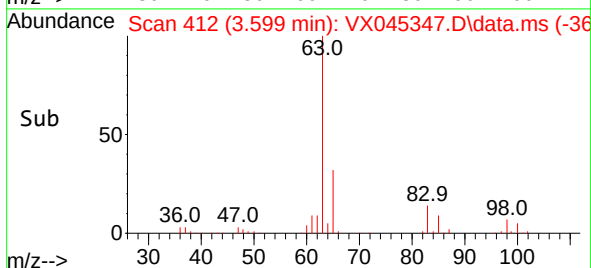
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

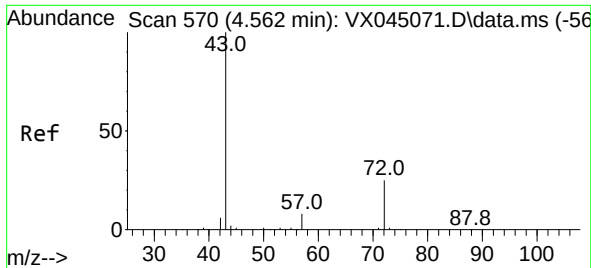


#24
 1,1-Dichloroethane
 Concen: 50.922 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045347.D
 Acq: 20 Mar 2025 09:38



Tgt Ion: 63 Resp: 119458
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.6 2.1 6.5





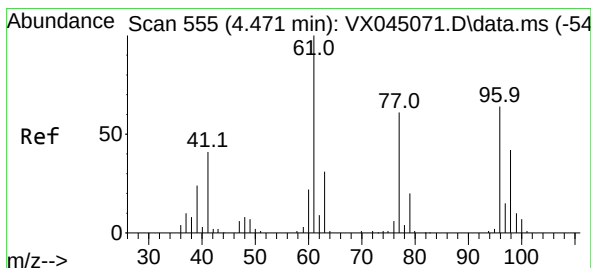
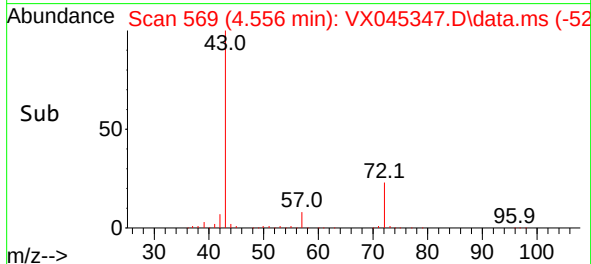
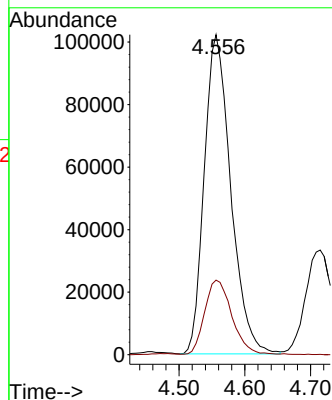
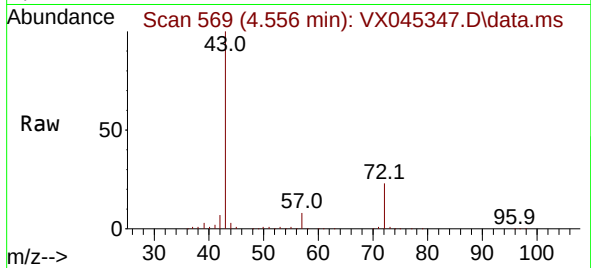
#25
2-Butanone
Concen: 274.133 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28655
Ion Ratio Lower Upper
43 100
72 23.2 20.0 30.0

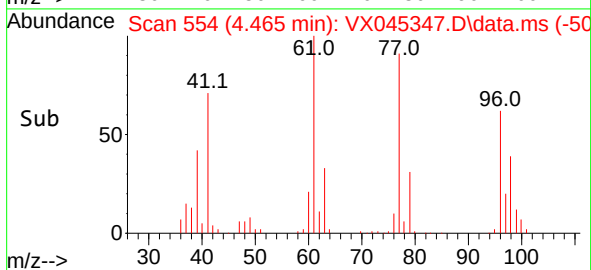
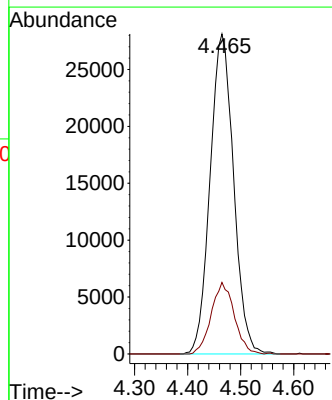
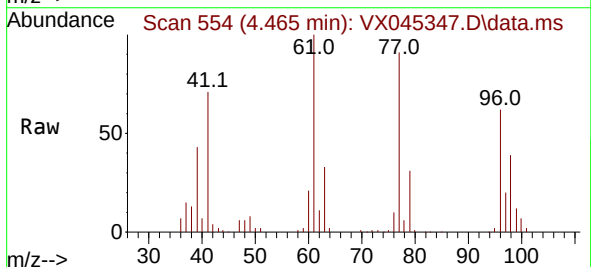
Manual Integrations
APPROVED

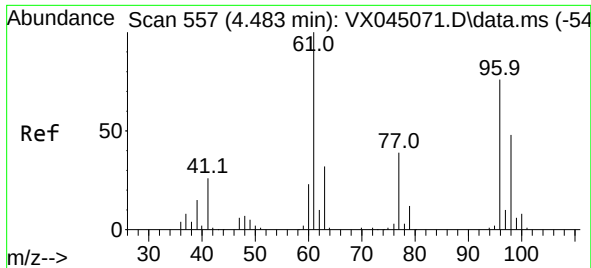
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#26
2,2-Dichloropropane
Concen: 78.567 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 77 Resp: 86451
Ion Ratio Lower Upper
77 100
97 21.9 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 50.388 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7105

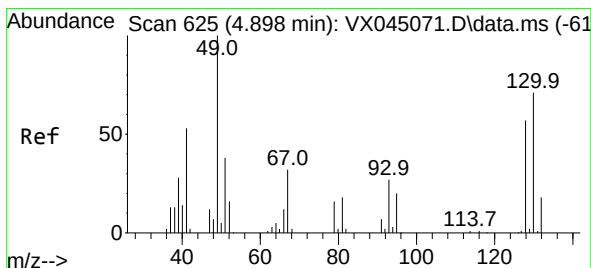
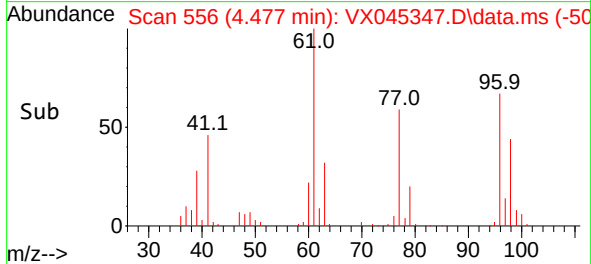
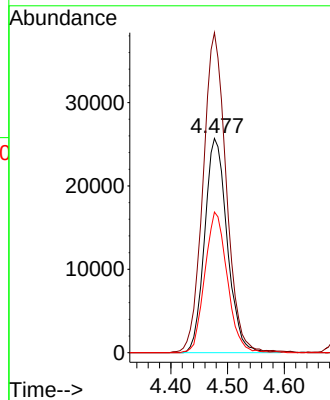
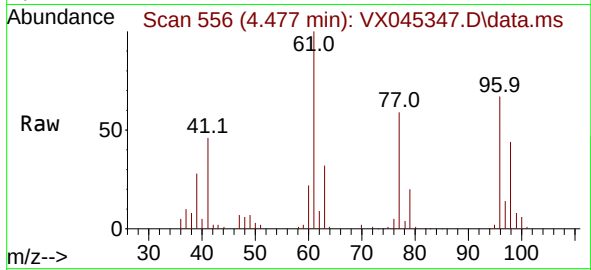
Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	283.2
98	65.4	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#28

Bromochloromethane

Concen: 50.753 ug/l

RT: 4.891 min Scan# 624

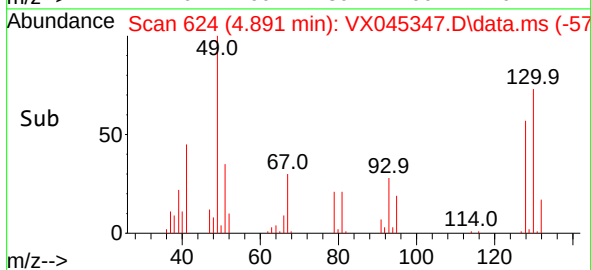
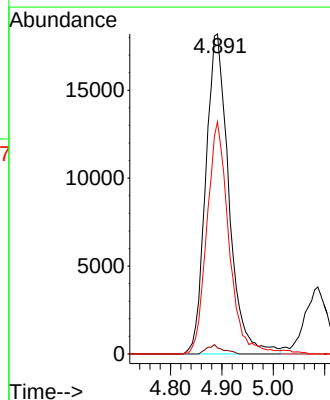
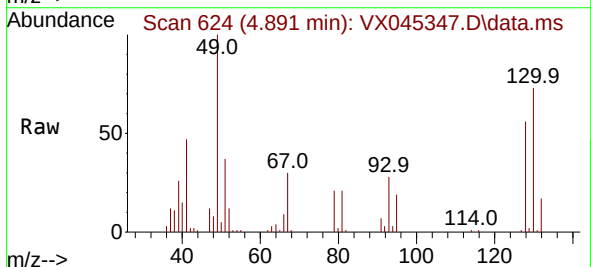
Delta R.T. -0.006 min

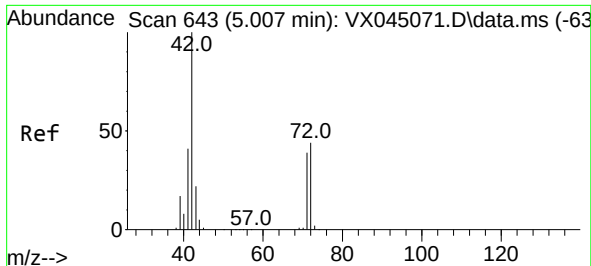
Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Tgt Ion: 49 Resp: 56750

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	69.0	56.1	84.1





#29

Tetrahydrofuran

Concen: 251.058 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 176238

Ion Ratio Lower Upper

42 100

72 42.5 34.1 51.1

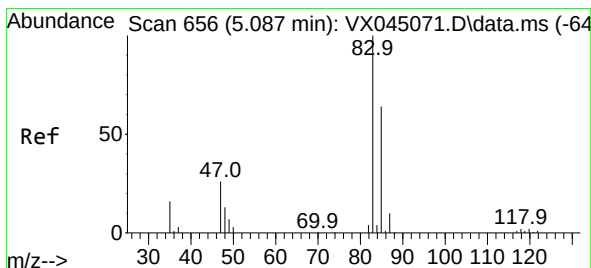
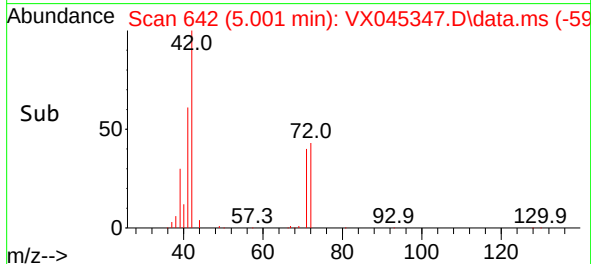
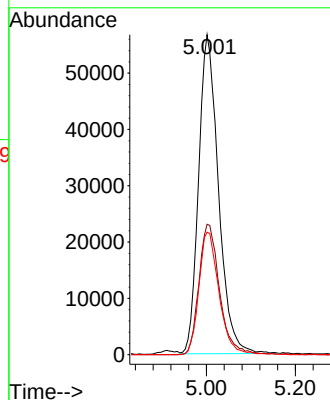
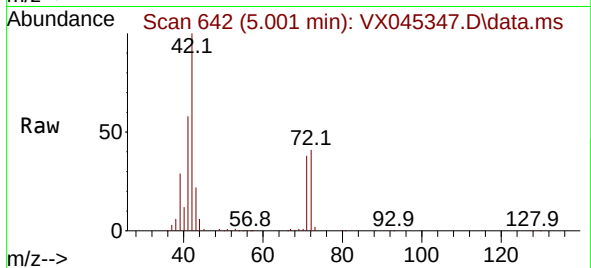
71 38.7 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#30

Chloroform

Concen: 51.818 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045347.D

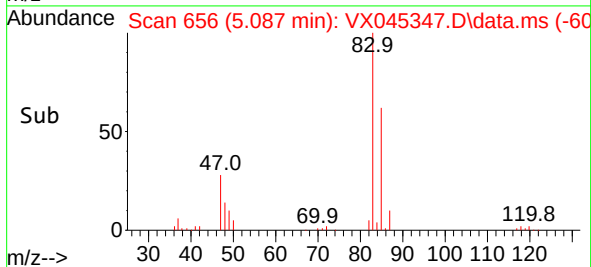
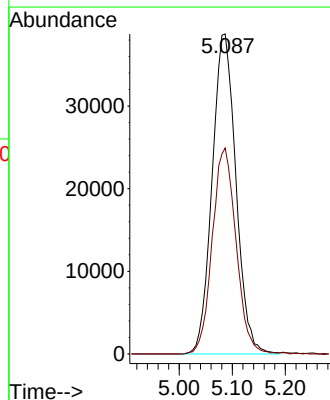
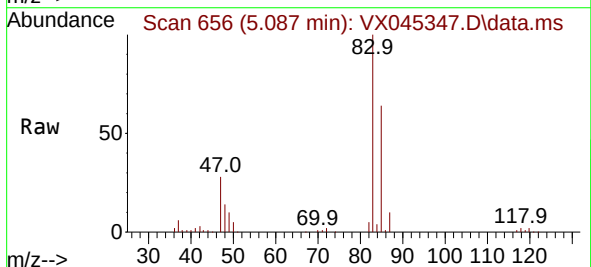
Acq: 20 Mar 2025 09:38

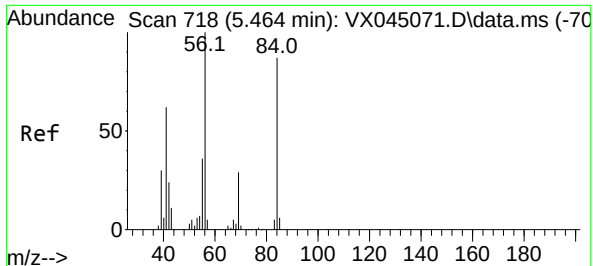
Tgt Ion: 83 Resp: 120782

Ion Ratio Lower Upper

83 100

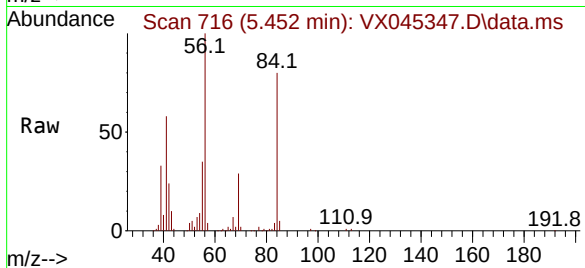
85 64.3 51.4 77.2





#31
Cyclohexane
Concen: 48.741 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

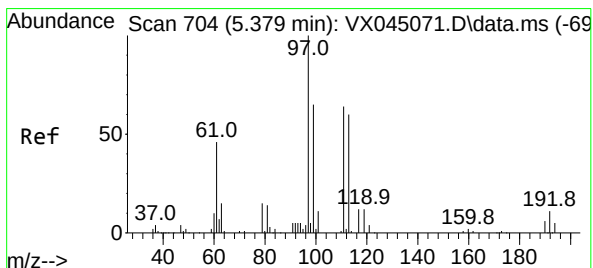
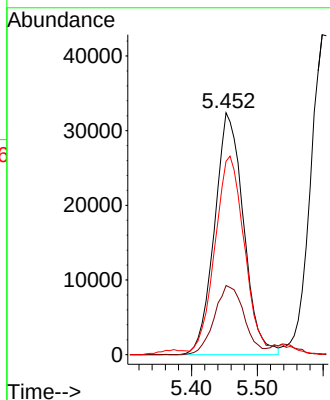
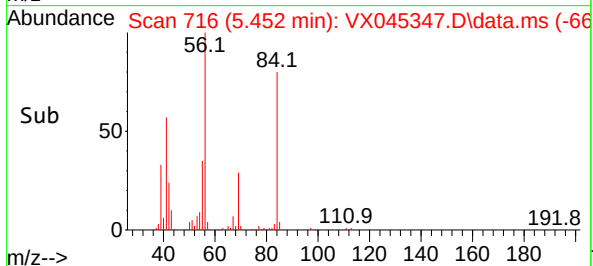
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



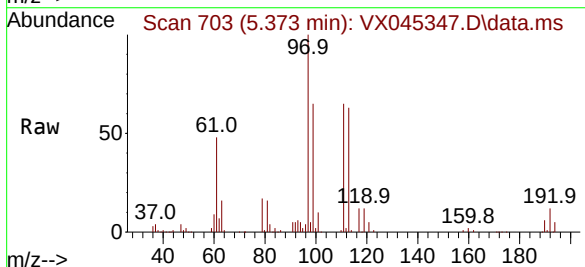
Tgt Ion: 56 Resp: 99254
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 78.2 69.4 104.2

Manual Integrations
APPROVED

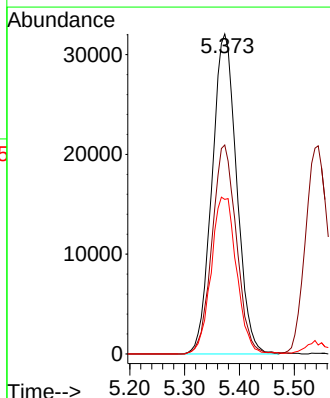
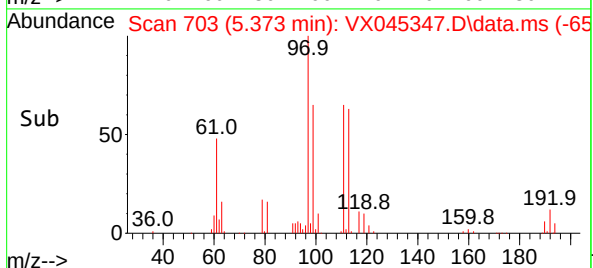
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

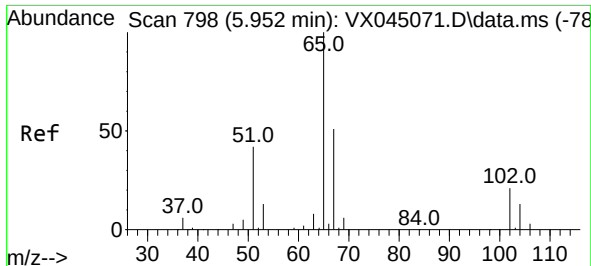


#32
1,1,1-Trichloroethane
Concen: 53.226 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



Tgt Ion: 97 Resp: 100201
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 50.4 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 55.125 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 82508

Ion Ratio Lower Upper

65 100

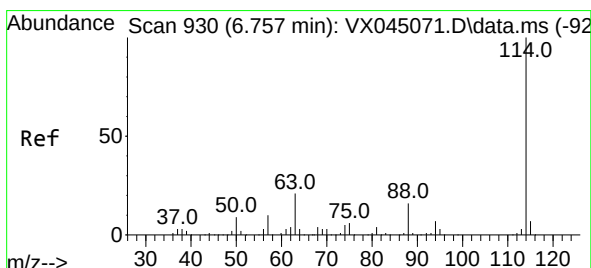
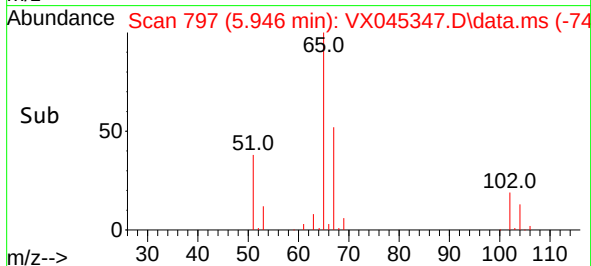
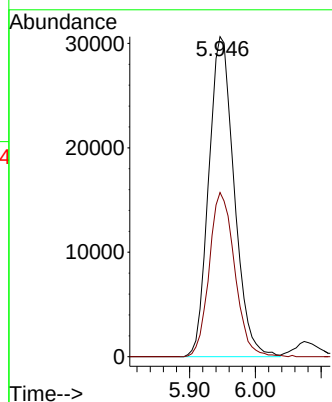
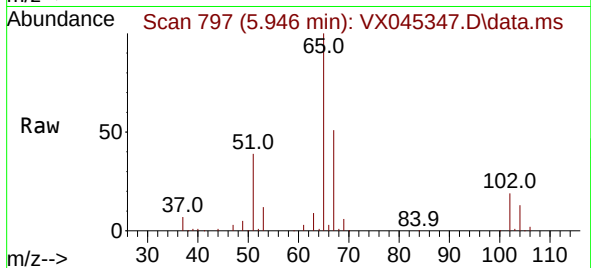
67 51.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

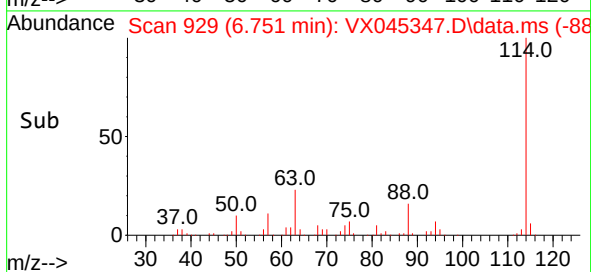
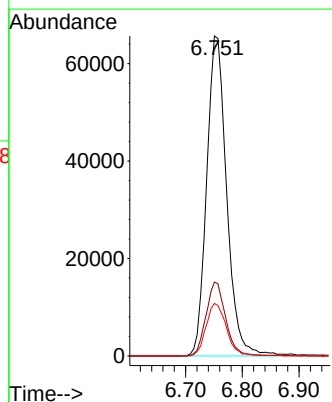
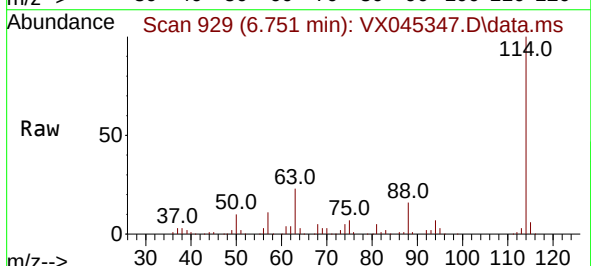
Tgt Ion:114 Resp: 160941

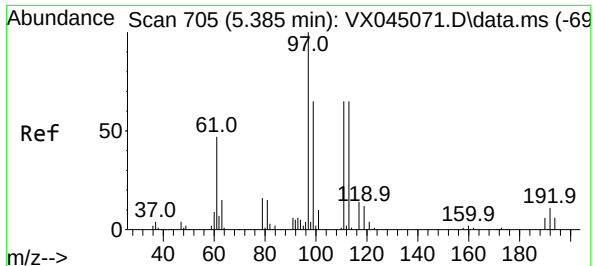
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

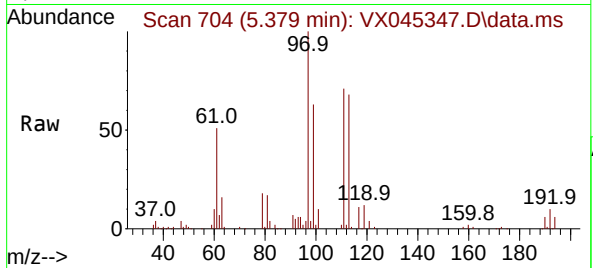
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 57.055 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

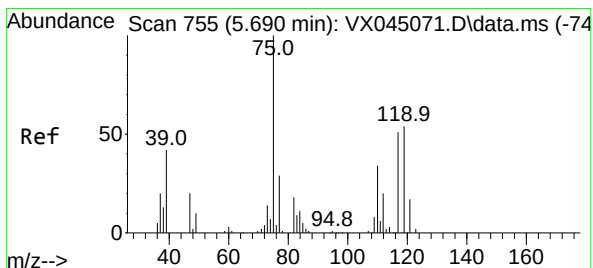
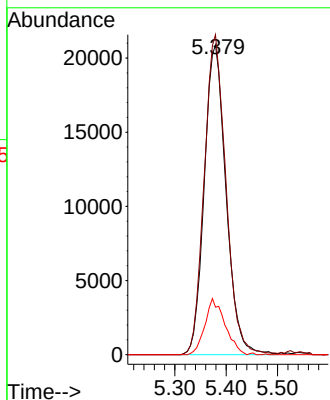
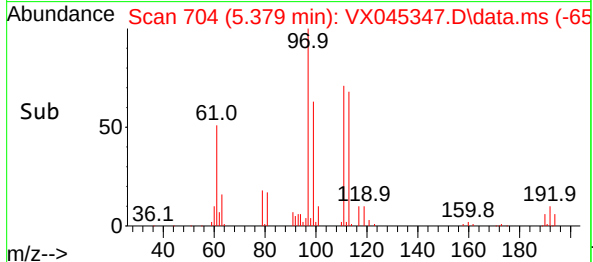
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 6140
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.8 14.3 21.5

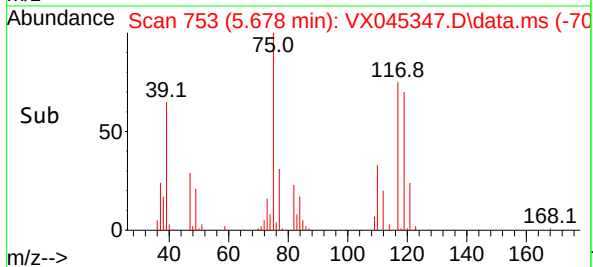
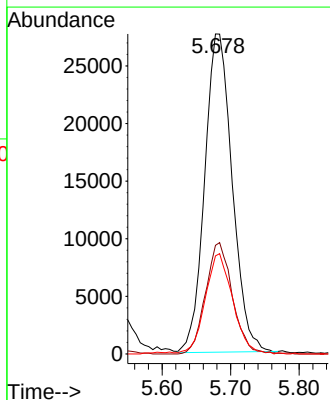
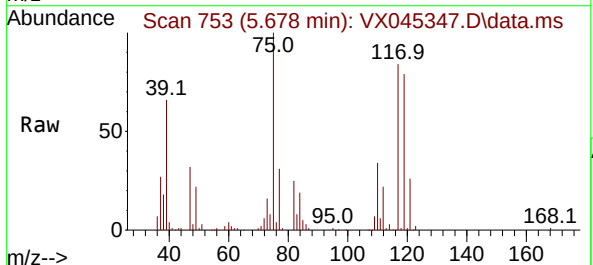
Manual Integrations
APPROVED

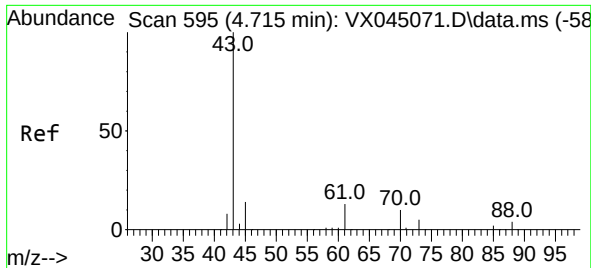
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#36
1,1-Dichloropropene
Concen: 52.334 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

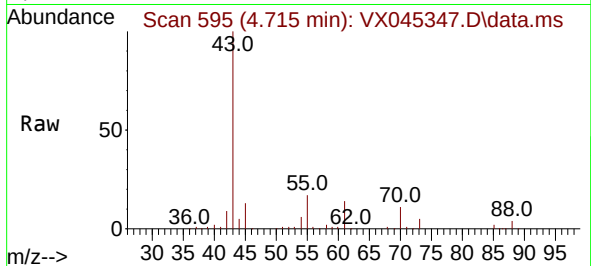
Tgt Ion: 75 Resp: 77237
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.6
77 31.5 24.5 36.7





#37
Ethyl Acetate
Concen: 53.733 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

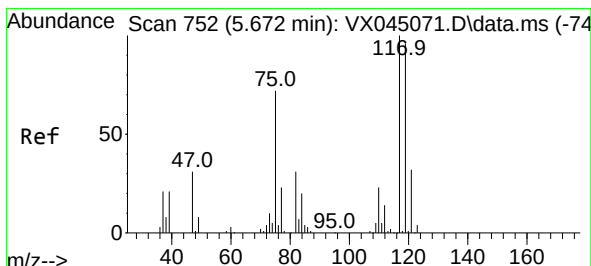
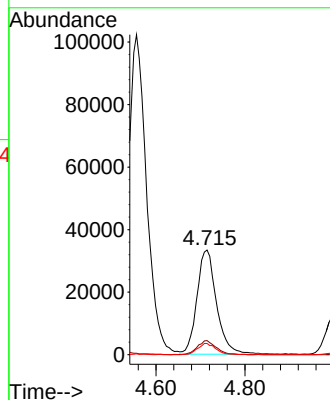
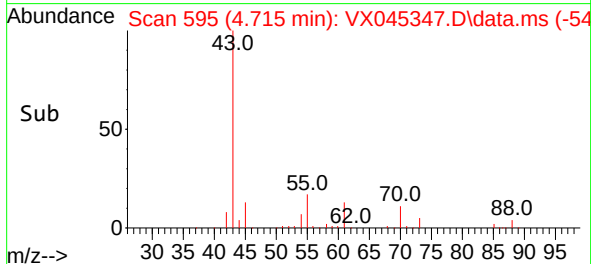
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 102180
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 10.0 7.7 11.5

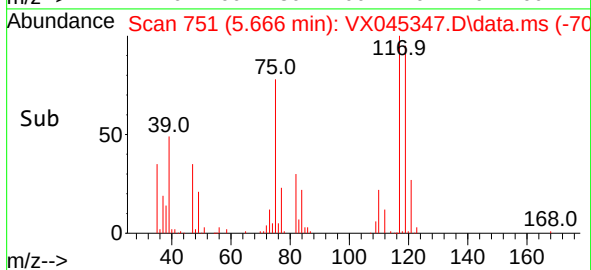
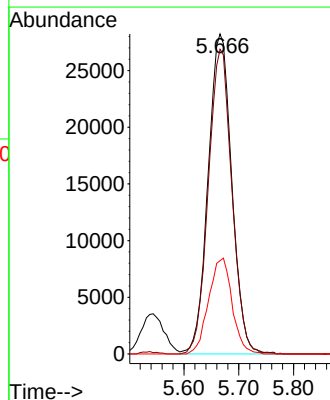
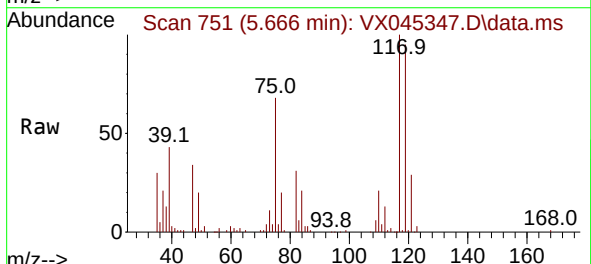
Manual Integrations
APPROVED

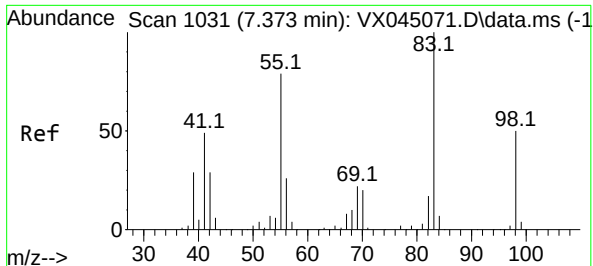
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#38
Carbon Tetrachloride
Concen: 56.470 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion:117 Resp: 84612
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 29.2 25.5 38.3





#39

Methylcyclohexane

Concen: 55.240 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 9768

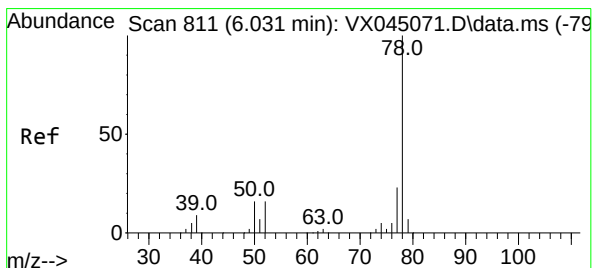
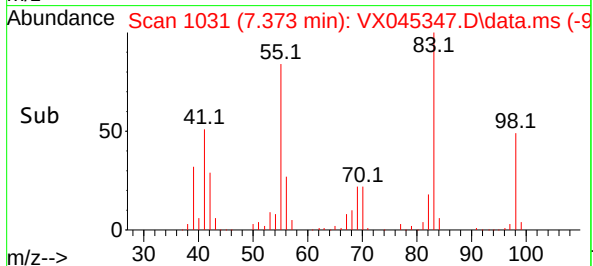
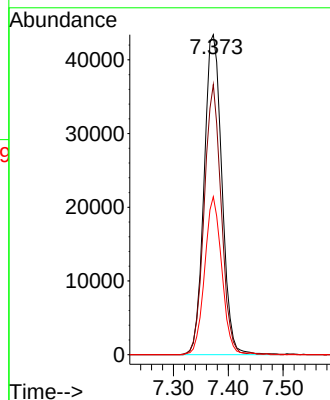
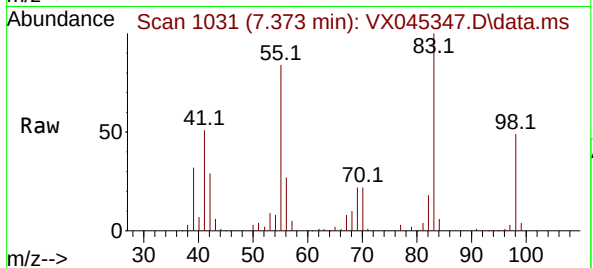
Ion	Ratio	Lower	Upper
83	100		
55	84.4	63.0	94.4
98	49.3	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#40

Benzene

Concen: 51.973 ug/l

RT: 6.025 min Scan# 810

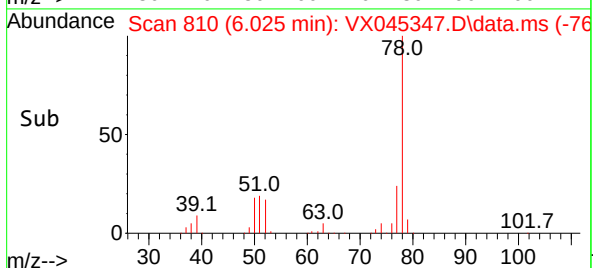
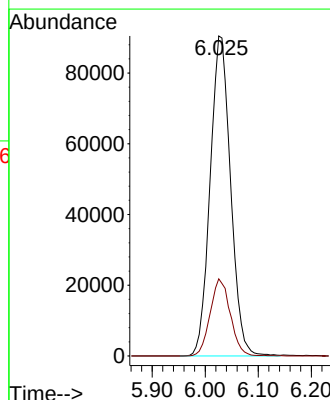
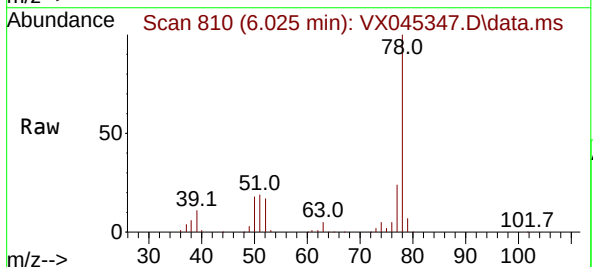
Delta R.T. -0.006 min

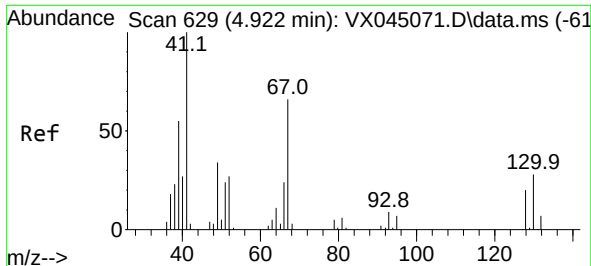
Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Tgt Ion: 78 Resp: 242215

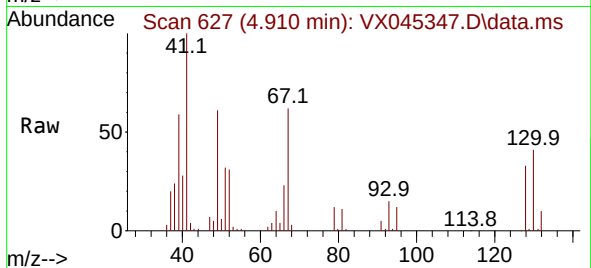
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





#41
Methacrylonitrile
Concen: 58.072 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

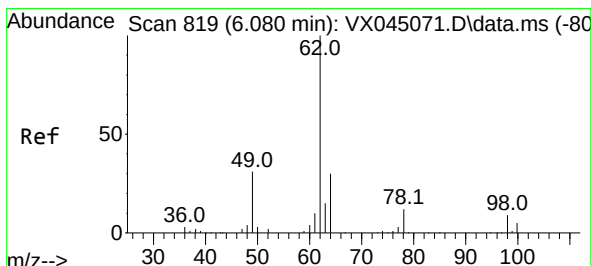
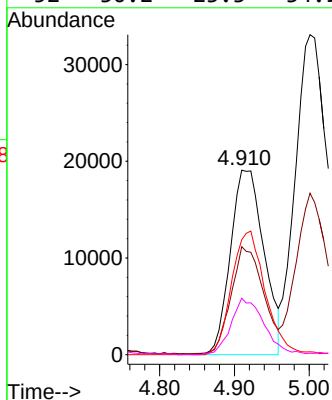
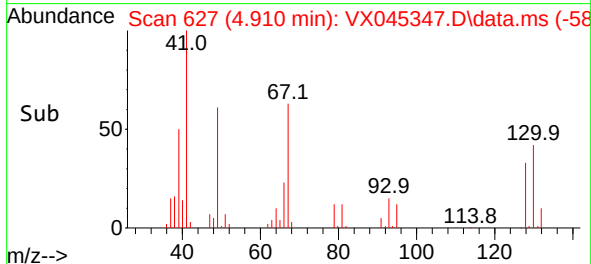
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



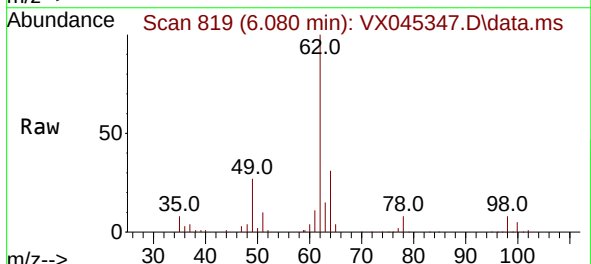
Tgt Ion: 41 Resp: 59710
Ion Ratio Lower Upper
41 100
39 55.7 44.6 67.0
67 67.3 53.9 80.9
52 30.2 23.3 34.9

Manual Integrations
APPROVED

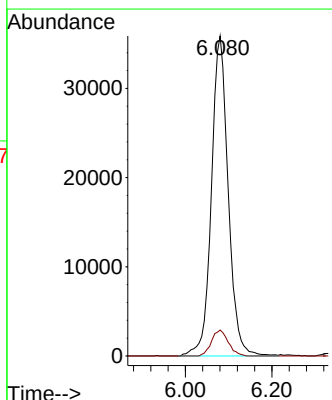
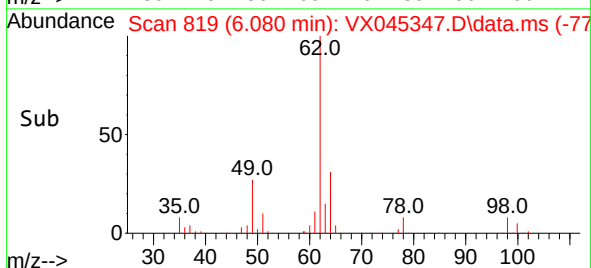
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

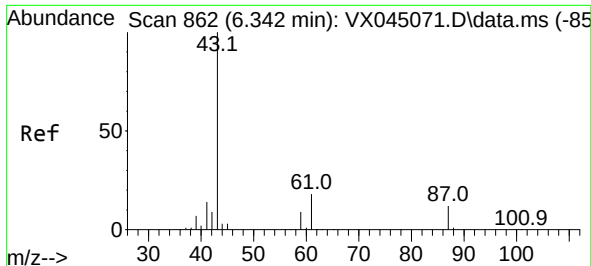


#42
1,2-Dichloroethane
Concen: 57.604 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



Tgt Ion: 62 Resp: 96672
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 56.979 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16023

Ion Ratio Lower Upper

43 100

61 18.2 14.9 22.3

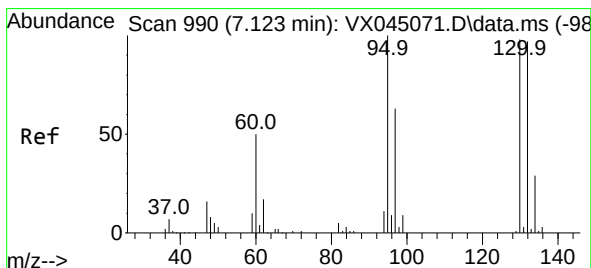
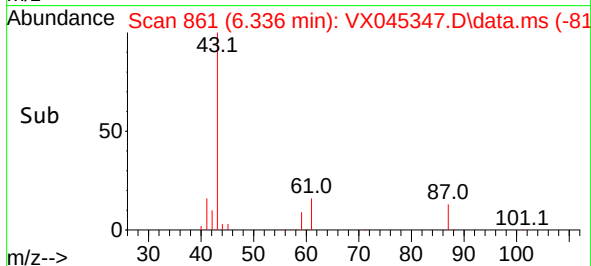
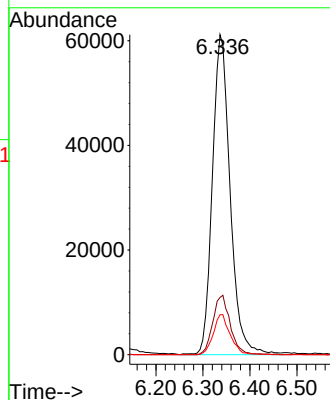
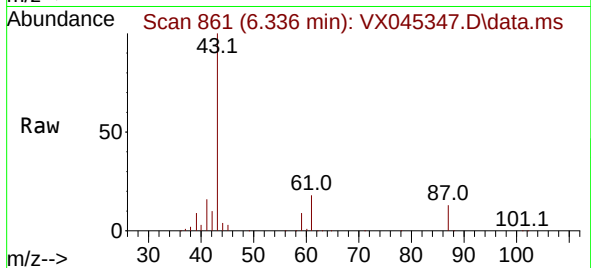
87 11.9 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#44

Trichloroethene

Concen: 51.854 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045347.D

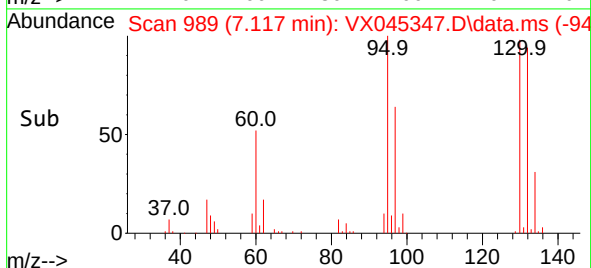
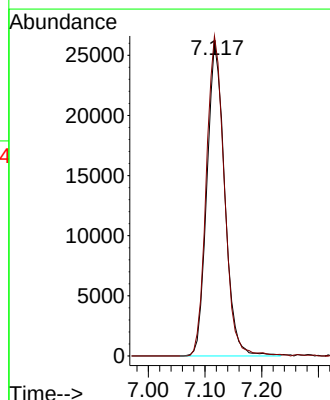
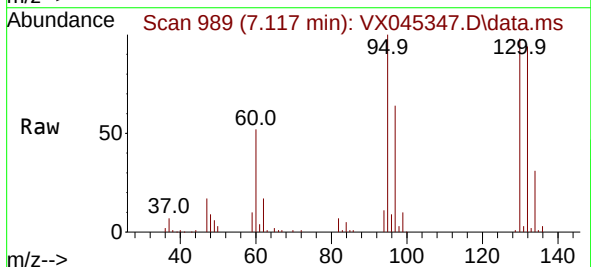
Acq: 20 Mar 2025 09:38

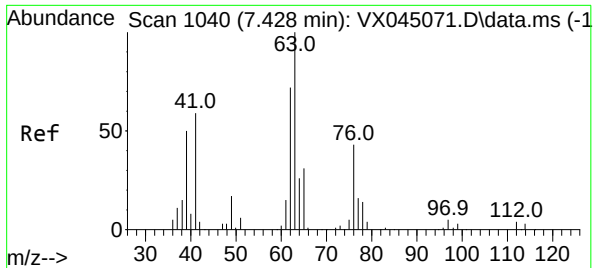
Tgt Ion:130 Resp: 56744

Ion Ratio Lower Upper

130 100

95 102.0 0.0 205.0





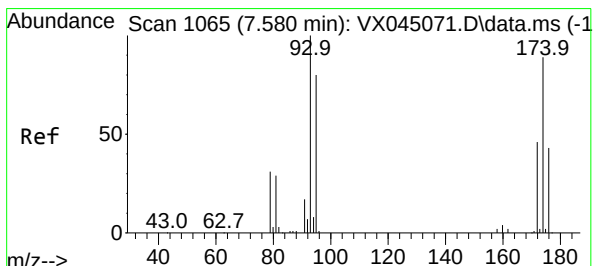
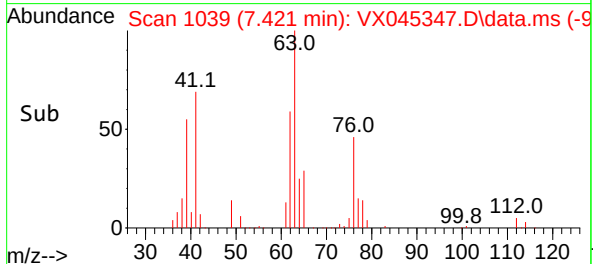
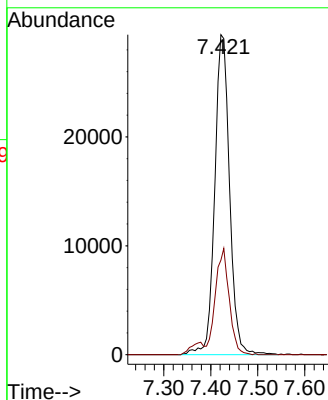
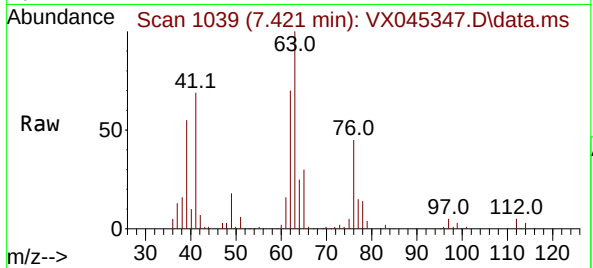
#45
1,2-Dichloropropane
Concen: 53.925 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6461
Ion Ratio Lower Upper
63 100
65 29.5 24.7 37.1

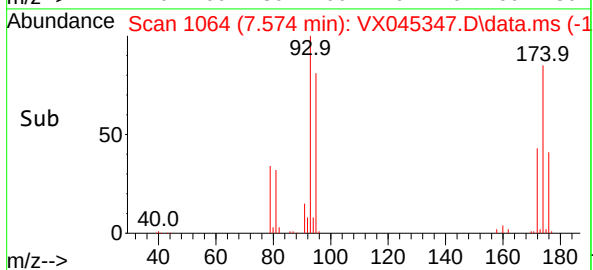
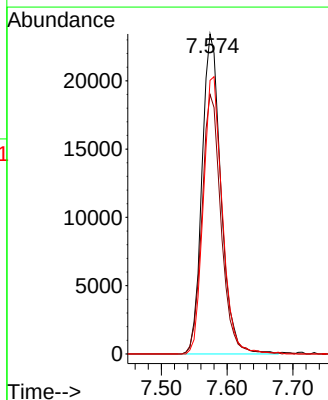
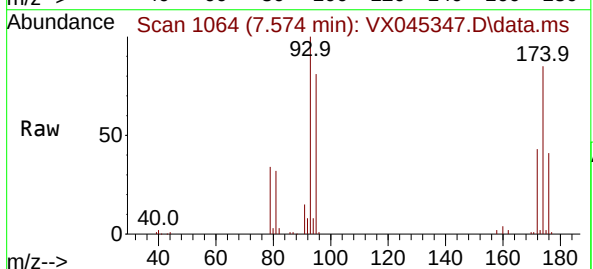
Manual Integrations
APPROVED

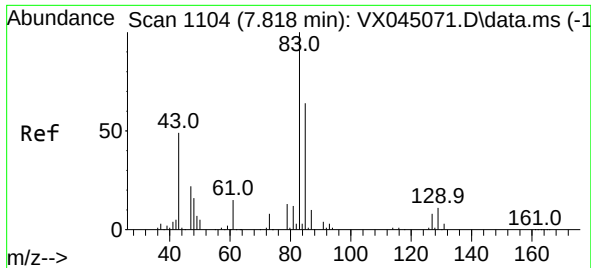
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#46
Dibromomethane
Concen: 55.635 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 93 Resp: 47119
Ion Ratio Lower Upper
93 100
95 81.6 65.8 98.8
174 86.1 72.2 108.2





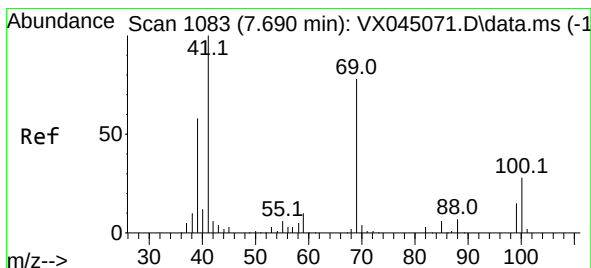
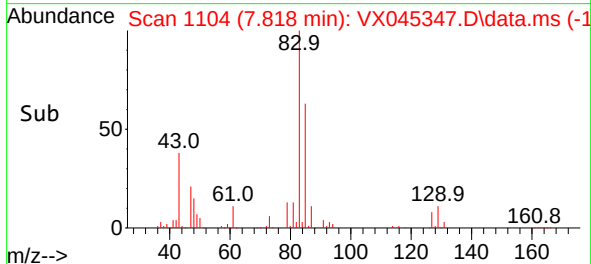
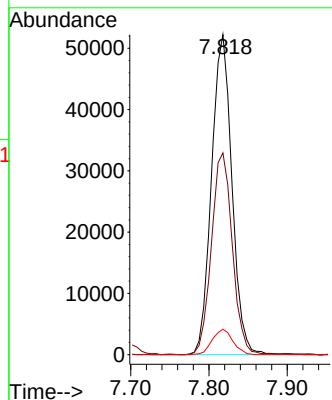
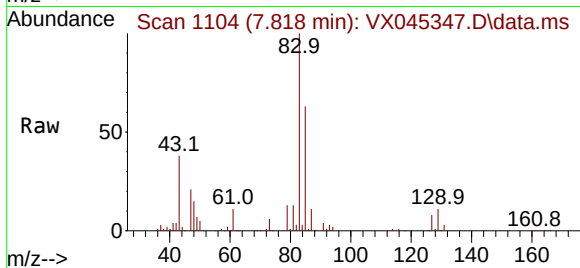
#47
Bromodichloromethane
Concen: 56.808 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 94372
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 7.9 6.4 9.6

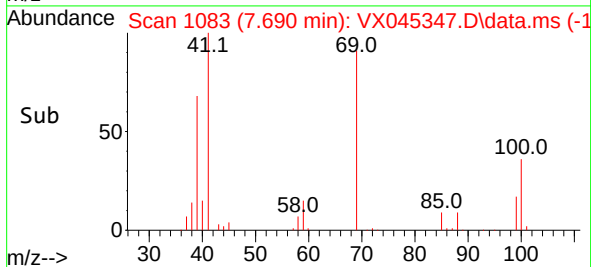
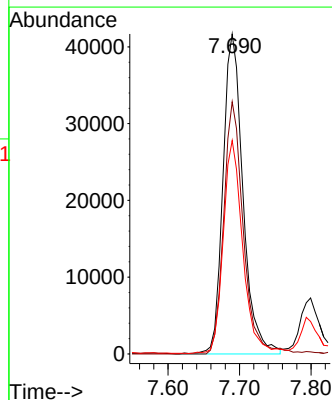
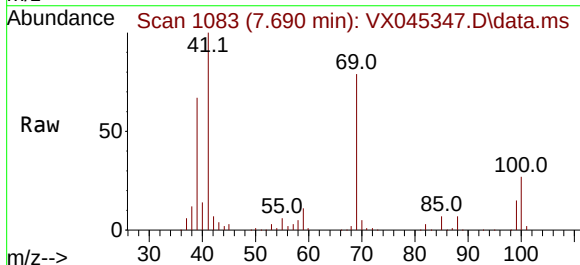
Manual Integrations
APPROVED

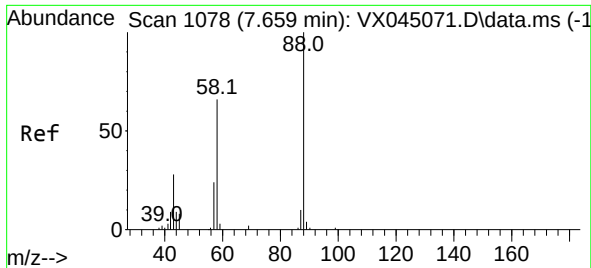
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 57.285 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

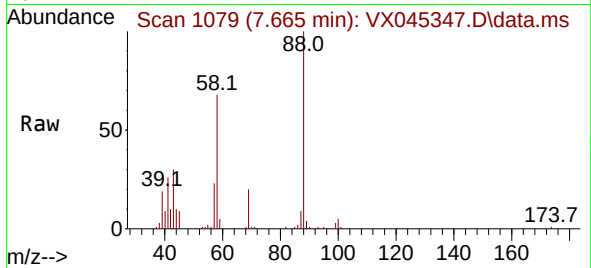
Tgt Ion: 41 Resp: 80819
Ion Ratio Lower Upper
41 100
69 77.2 63.0 94.6
39 65.2 47.5 71.3





#49
1,4-Dioxane
Concen: 987.206 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

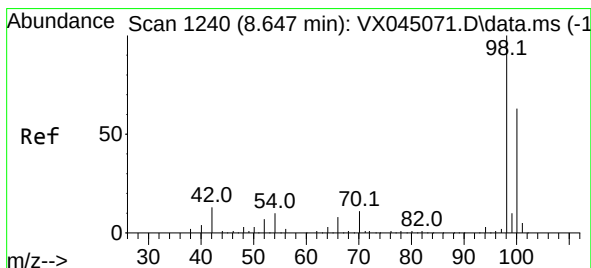
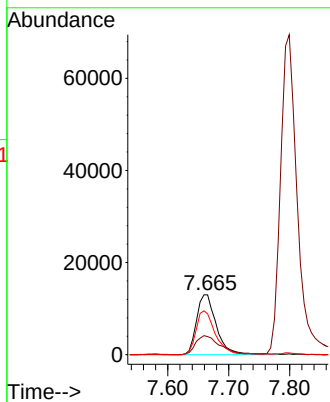
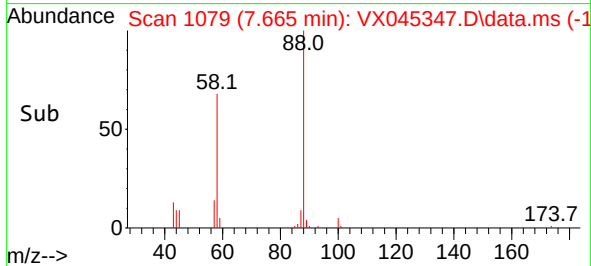
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 29379
Ion Ratio Lower Upper
88 100
43 38.8 28.7 43.1
58 72.0 55.8 83.8

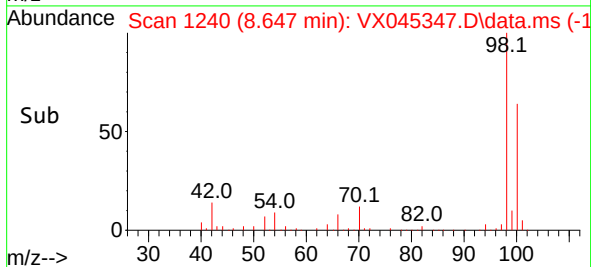
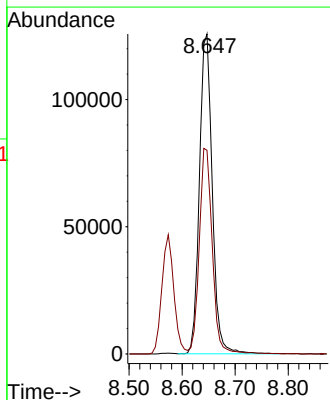
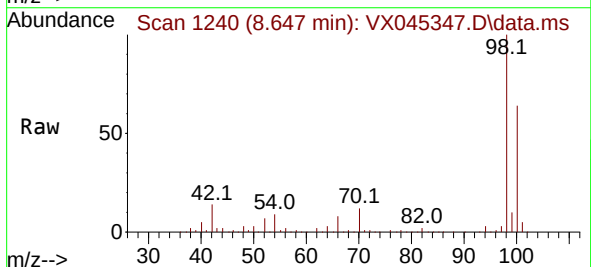
Manual Integrations
APPROVED

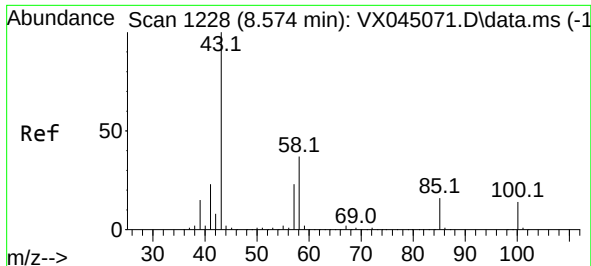
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#50
Toluene-d8
Concen: 54.211 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 98 Resp: 211503
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 286.370 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 540720

Ion Ratio Lower Upper

43 100

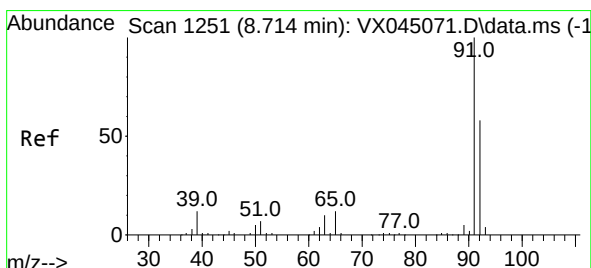
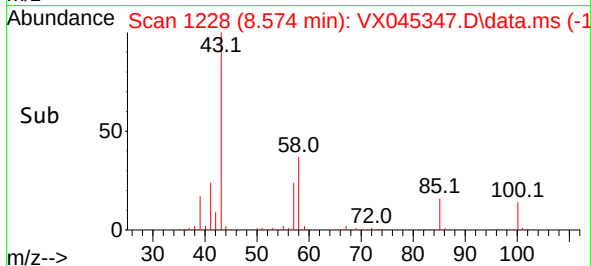
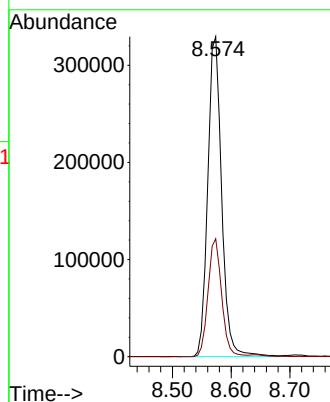
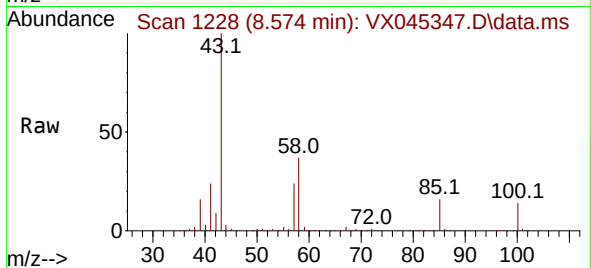
58 36.2 29.2 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#52

Toluene

Concen: 53.547 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX045347.D

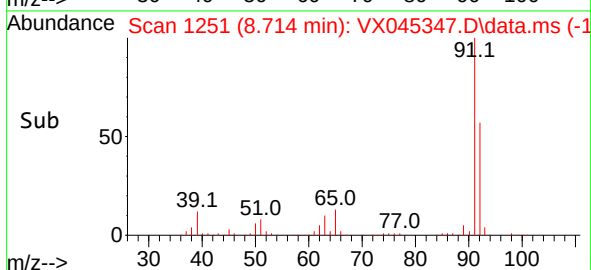
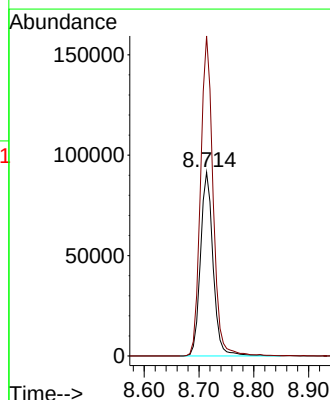
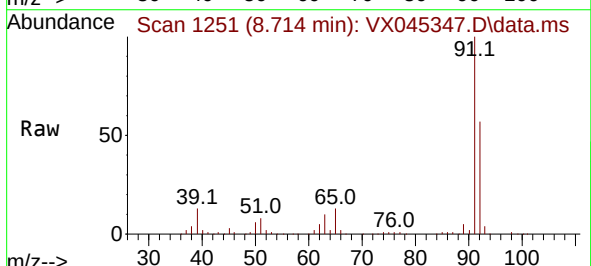
Acq: 20 Mar 2025 09:38

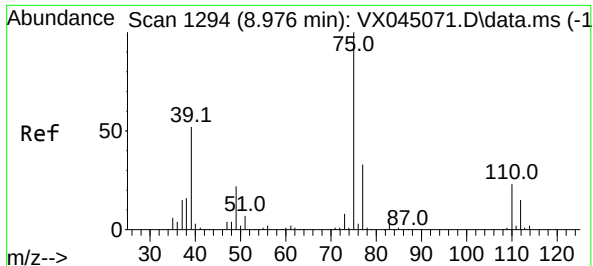
Tgt Ion: 92 Resp: 146417

Ion Ratio Lower Upper

92 100

91 173.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 61.040 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 84772

Ion Ratio Lower Upper

75 100

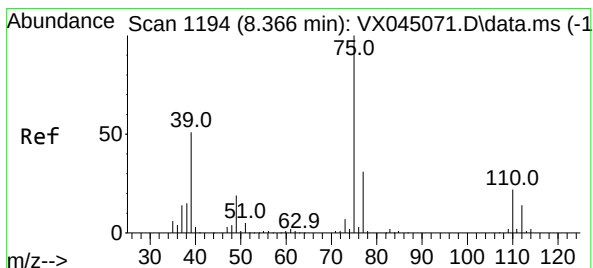
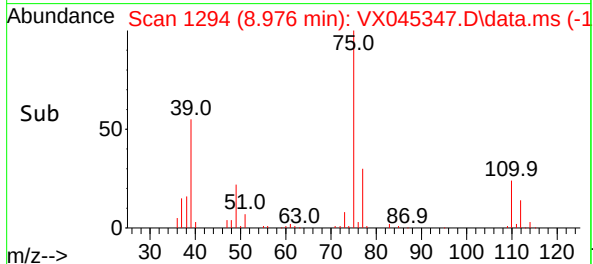
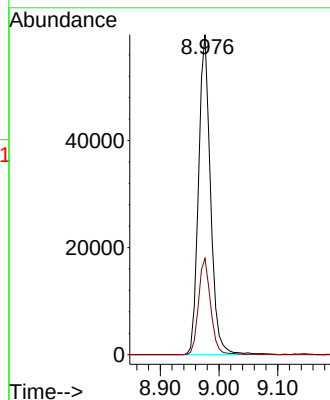
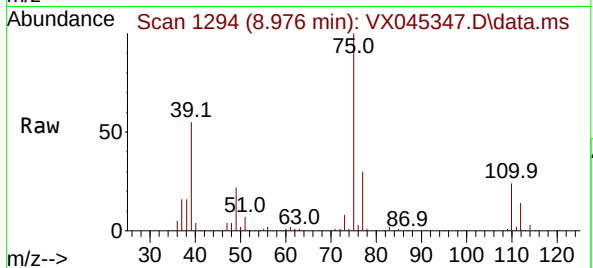
77 30.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#54

cis-1,3-Dichloropropene

Concen: 59.407 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

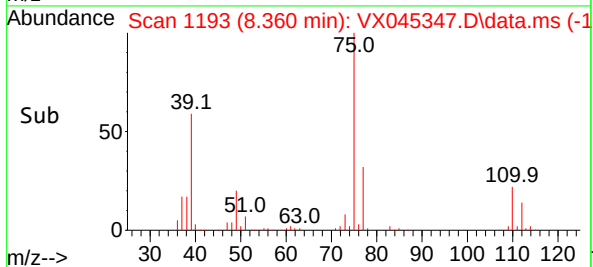
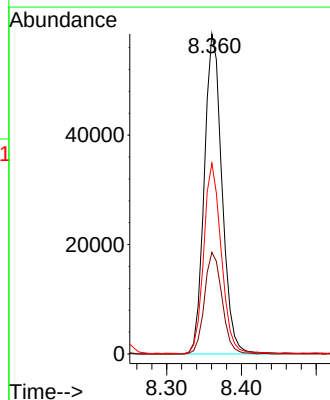
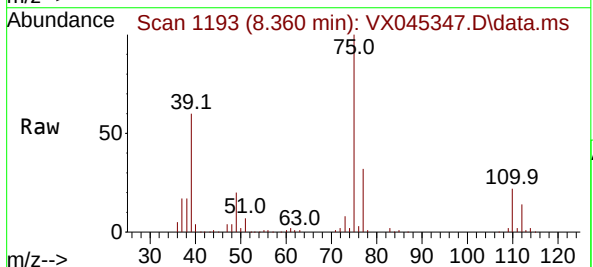
Tgt Ion: 75 Resp: 96208

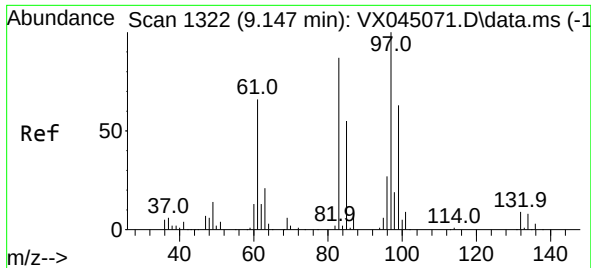
Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

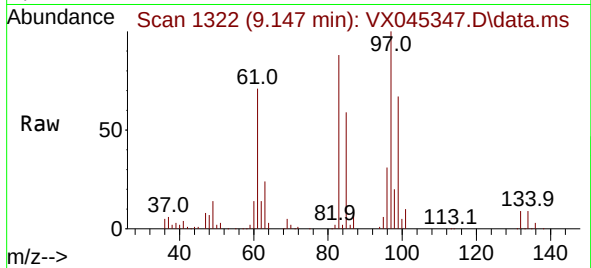
39 59.5 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 53.712 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

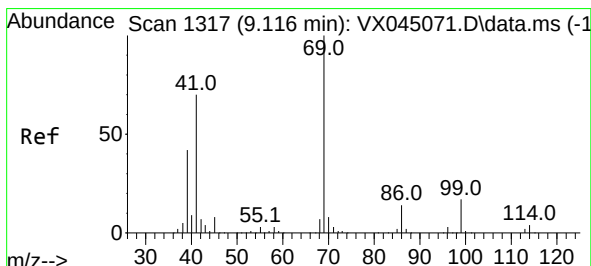
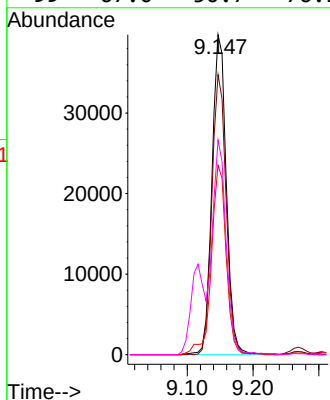
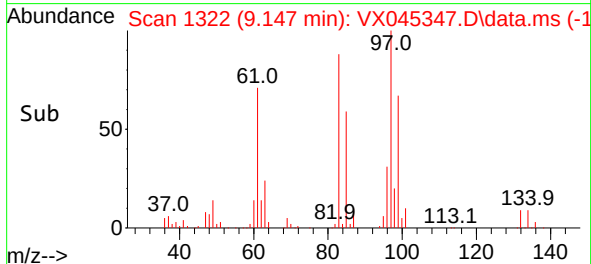
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



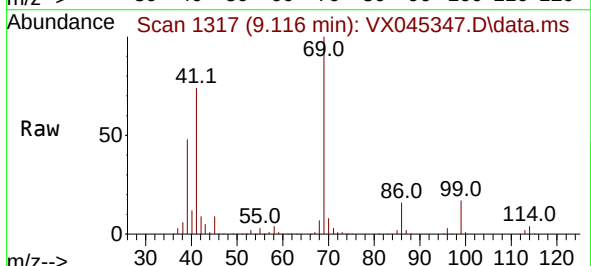
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.4	104.2
85	59.2	44.1	66.1
99	67.0	50.7	76.1

Manual Integrations
APPROVED

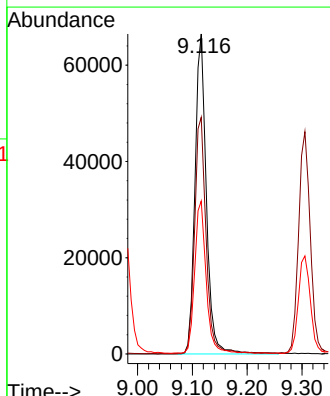
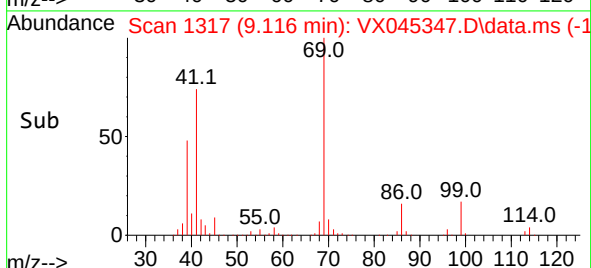
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

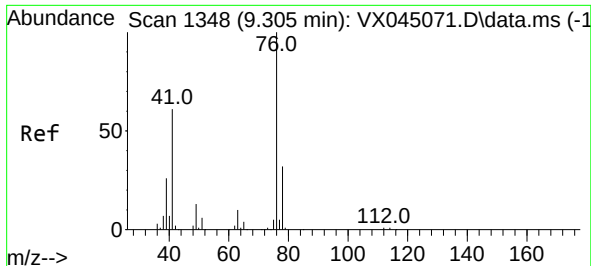


#56
Ethyl methacrylate
Concen: 56.313 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.0	57.0	85.4
39	48.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 54.489 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10614

Ion Ratio Lower Upper

76 100

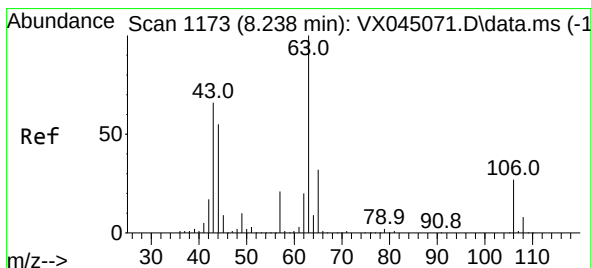
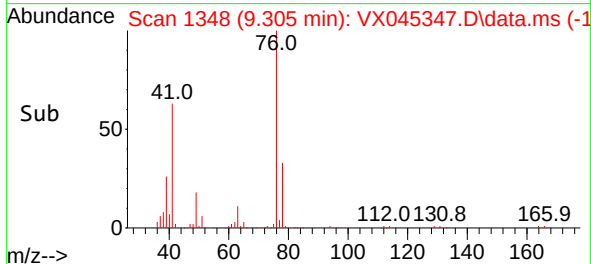
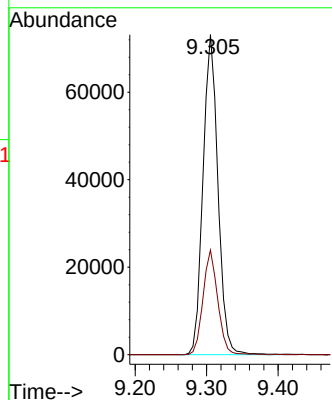
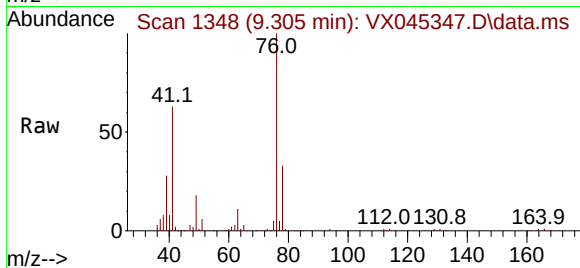
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 309.131 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045347.D

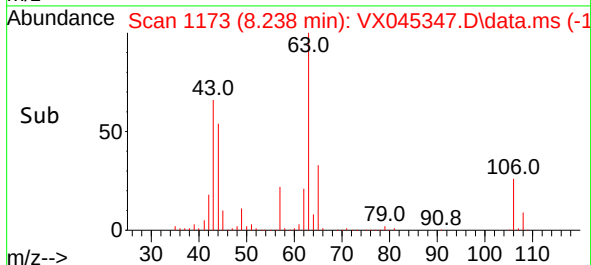
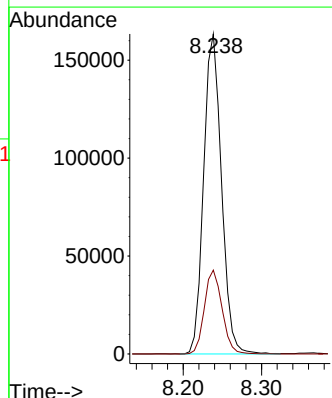
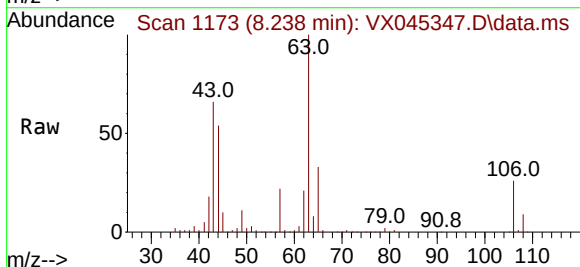
Acq: 20 Mar 2025 09:38

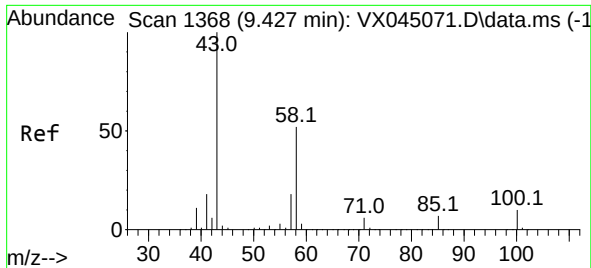
Tgt Ion: 63 Resp: 258027

Ion Ratio Lower Upper

63 100

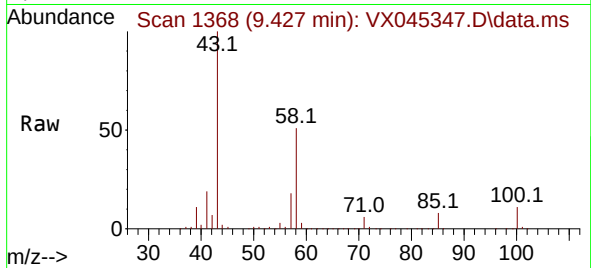
106 26.0 21.5 32.3





#59
2-Hexanone
Concen: 288.965 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

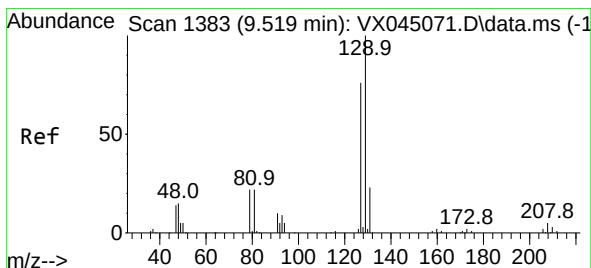
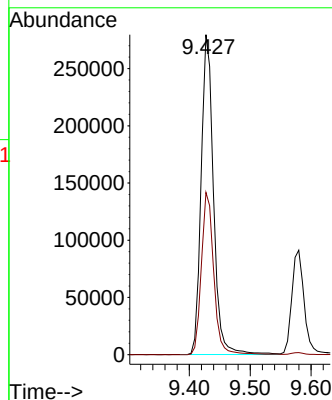
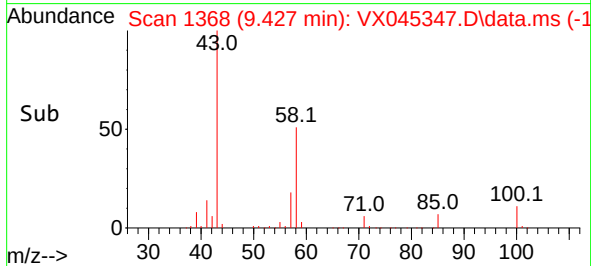
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 395329
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.6

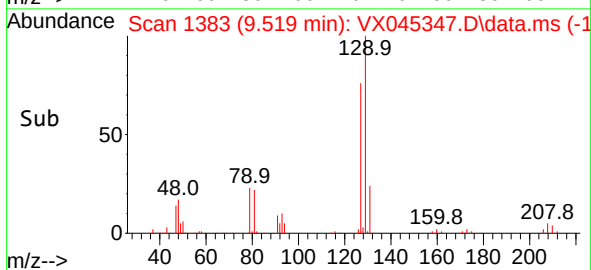
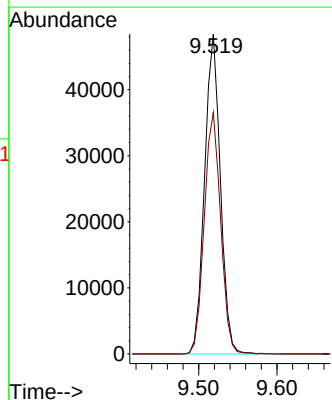
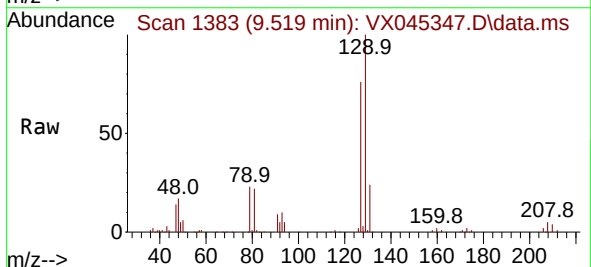
Manual Integrations
APPROVED

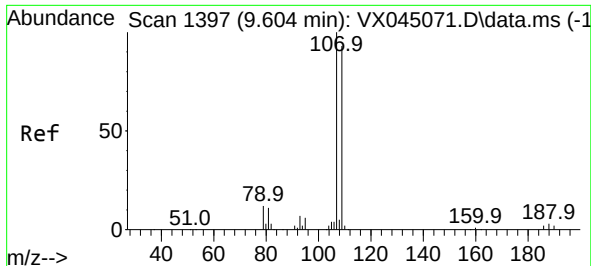
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#60
Dibromochloromethane
Concen: 57.543 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion:129 Resp: 67728
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





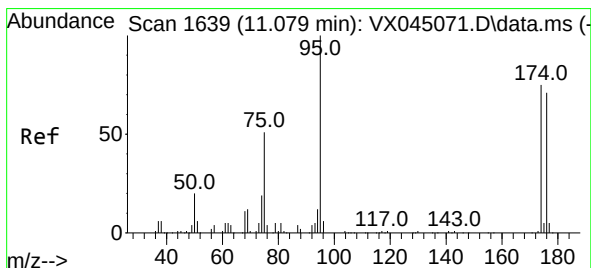
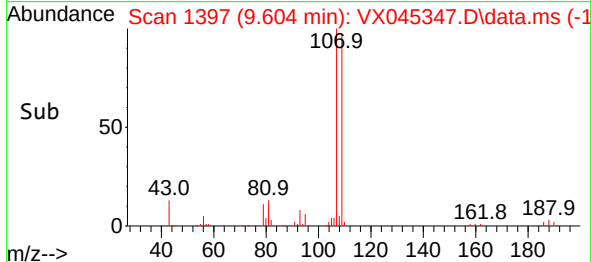
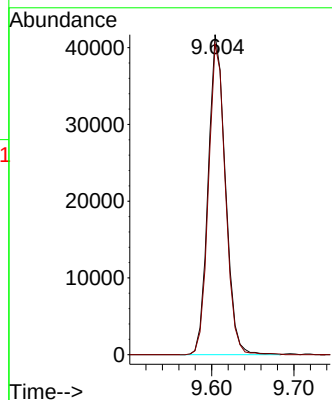
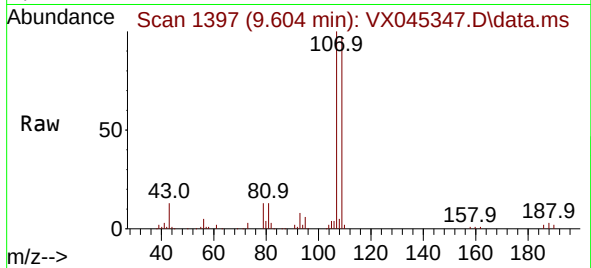
#61
1,2-Dibromoethane
Concen: 54.017 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 60702
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1

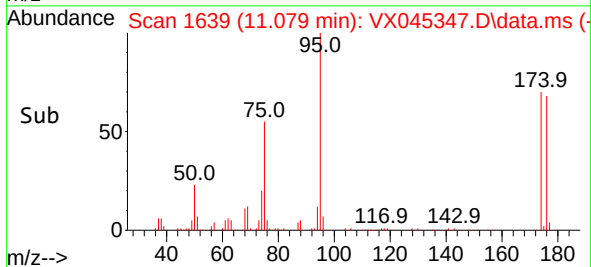
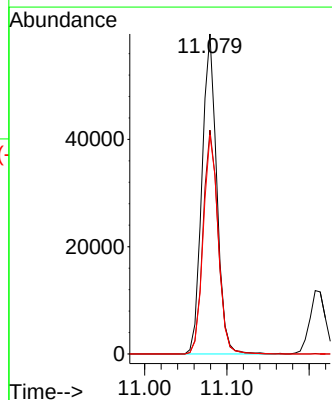
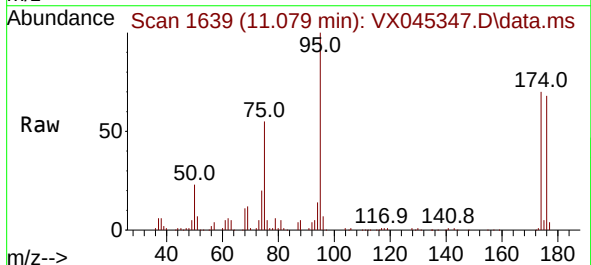
Manual Integrations
APPROVED

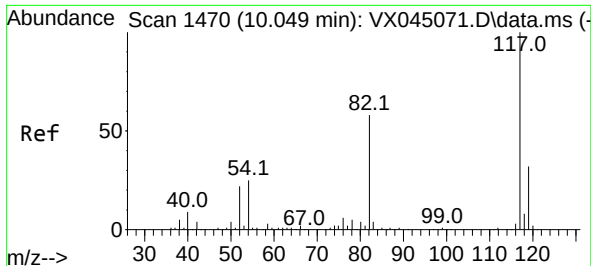
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#62
4-Bromofluorobenzene
Concen: 57.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

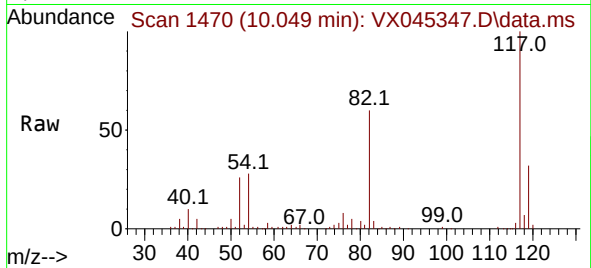
Tgt Ion: 95 Resp: 74611
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 69.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

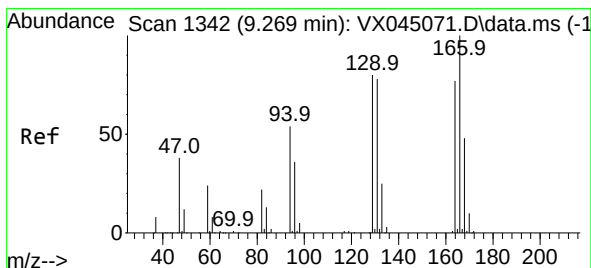
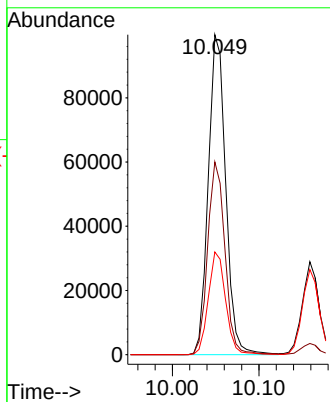
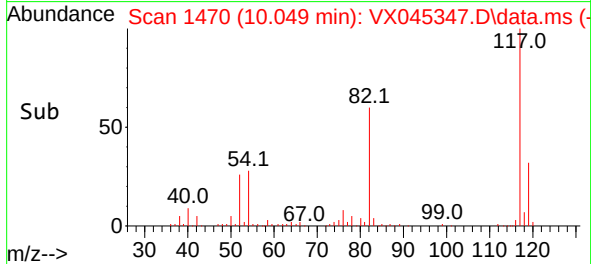
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 139440
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 32.1 25.7 38.5

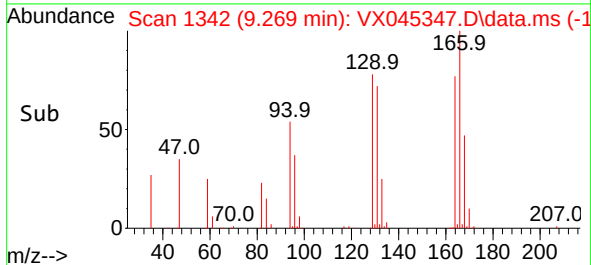
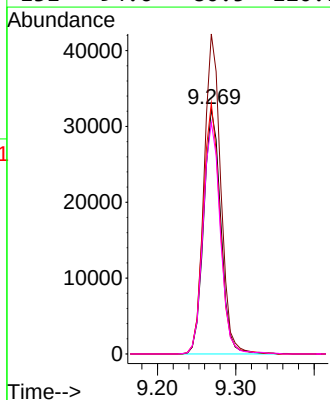
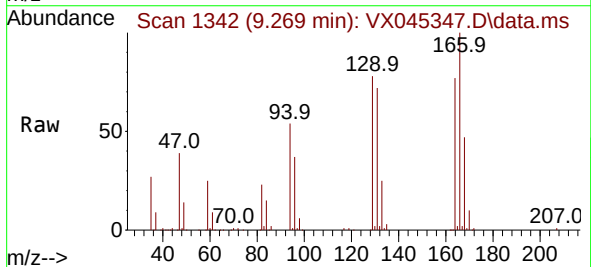
Manual Integrations
APPROVED

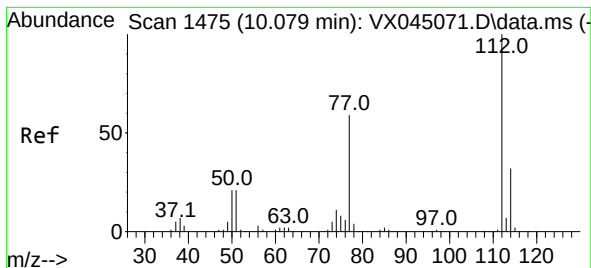
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#64
Tetrachloroethene
Concen: 54.416 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion:164 Resp: 48599
Ion Ratio Lower Upper
164 100
166 130.7 103.6 155.4
129 102.5 82.7 124.1
131 94.6 80.5 120.7





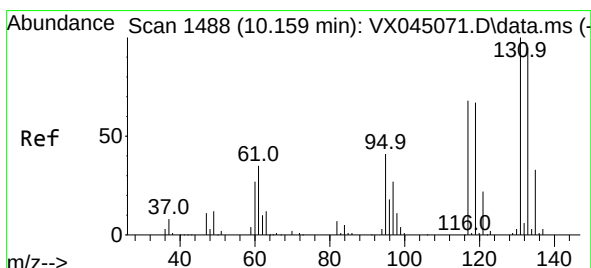
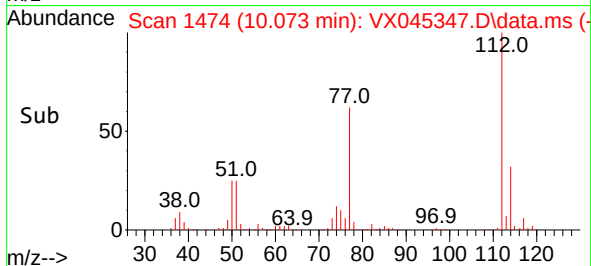
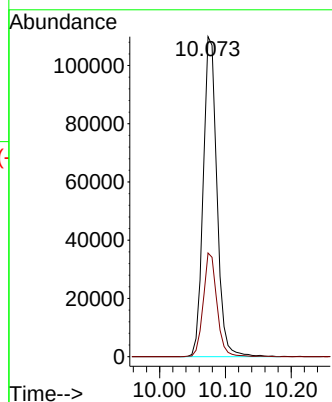
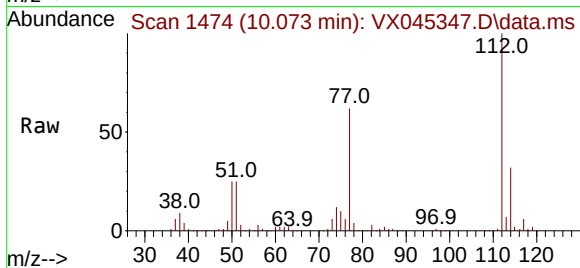
#65
Chlorobenzene
Concen: 54.144 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 159759
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

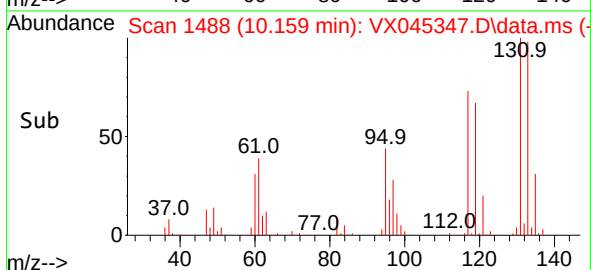
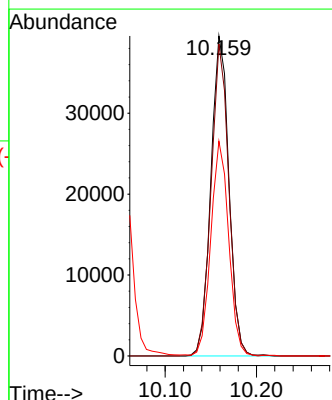
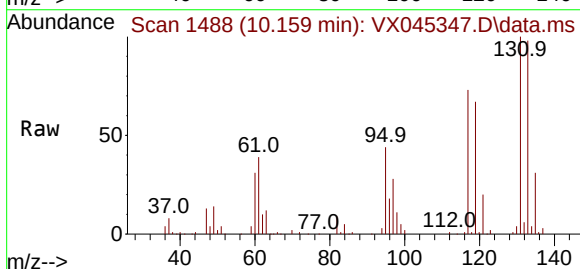
Manual Integrations
APPROVED

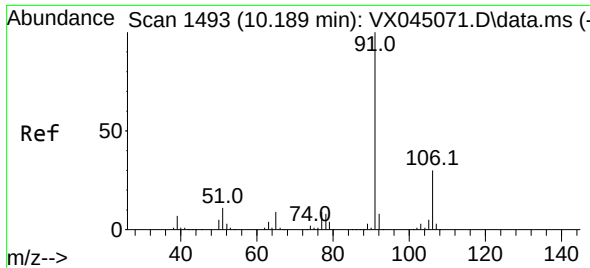
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.992 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

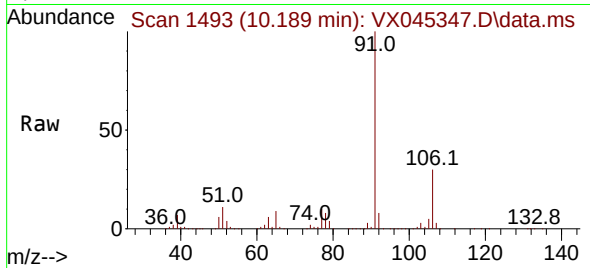
Tgt Ion:131 Resp: 54037
Ion Ratio Lower Upper
131 100
133 96.0 48.6 145.9
119 66.6 33.9 101.7





#67
Ethyl Benzene
Concen: 55.699 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

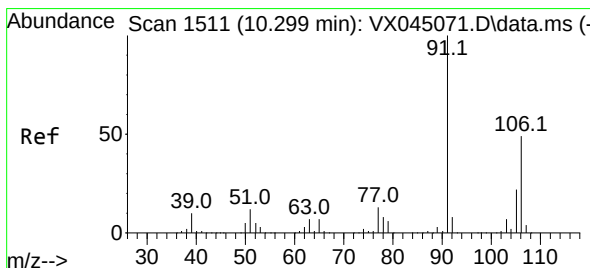
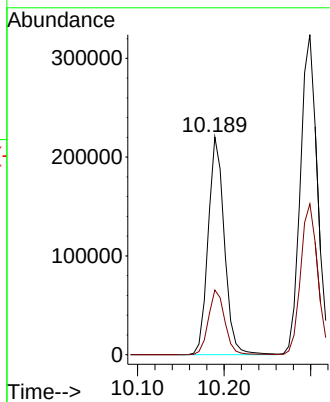
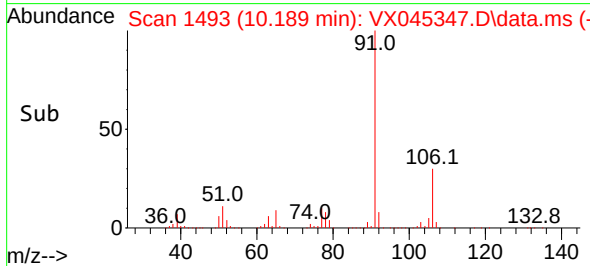
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



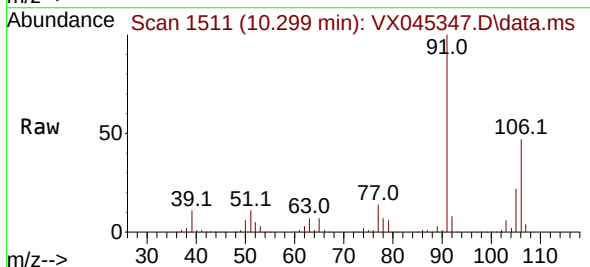
Tgt Ion: 91 Resp: 28636
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9

Manual Integrations
APPROVED

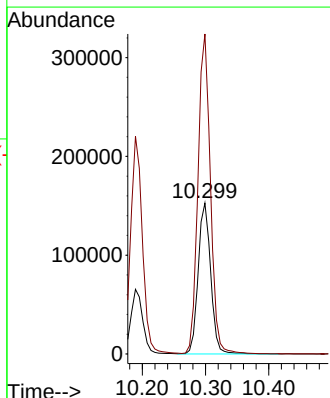
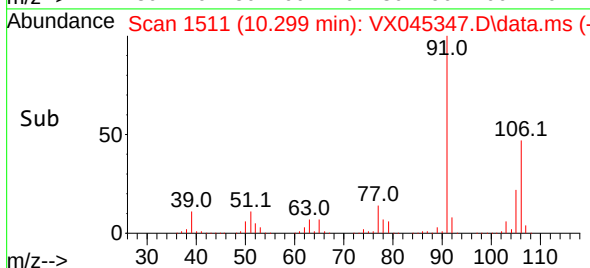
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

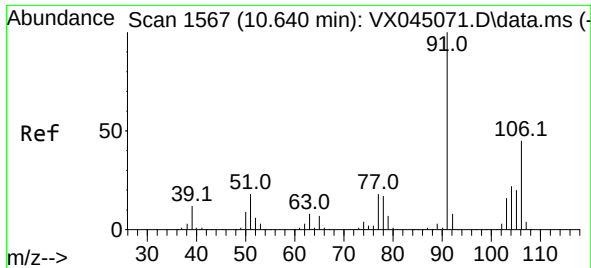


#68
m/p-Xylenes
Concen: 112.126 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



Tgt Ion:106 Resp: 211033
Ion Ratio Lower Upper
106 100
91 210.6 165.4 248.0





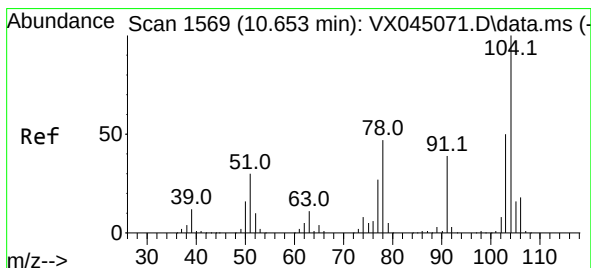
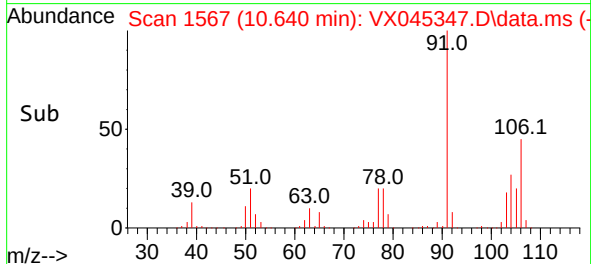
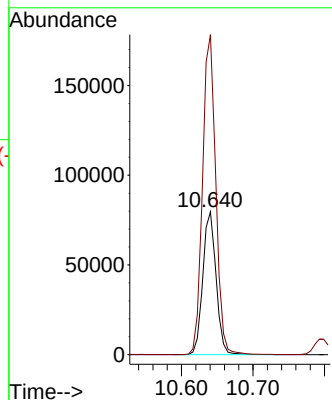
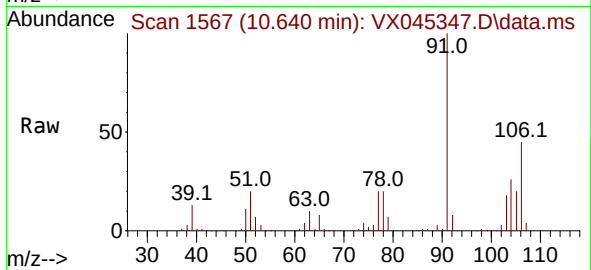
#69
o-Xylene
Concen: 54.073 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10264
Ion Ratio Lower Upper
106 100
91 224.0 109.9 329.6

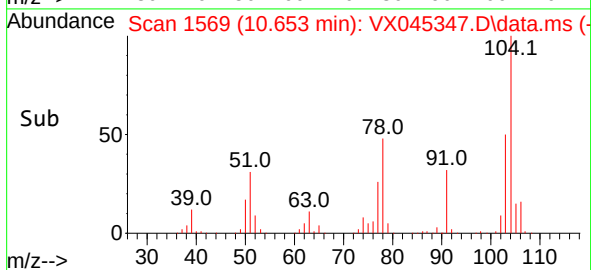
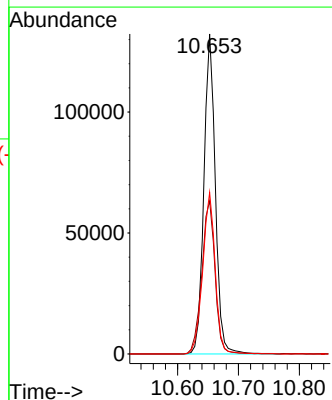
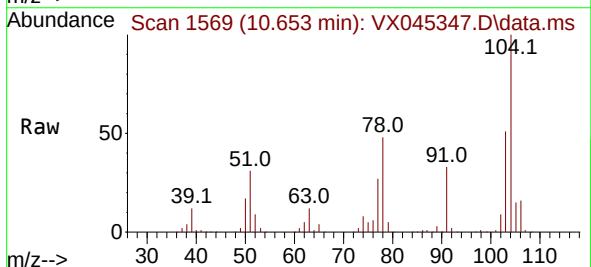
Manual Integrations
APPROVED

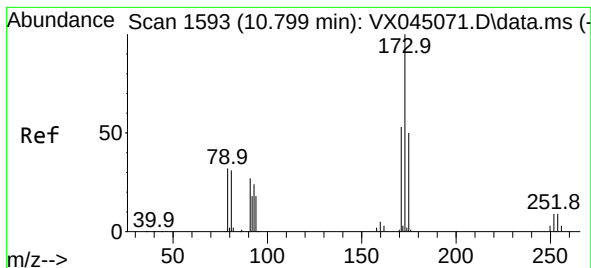
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 56.462 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion:104 Resp: 173421
Ion Ratio Lower Upper
104 100
78 55.3 42.2 63.4
103 55.3 43.8 65.8





#71

Bromoform

Concen: 58.610 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

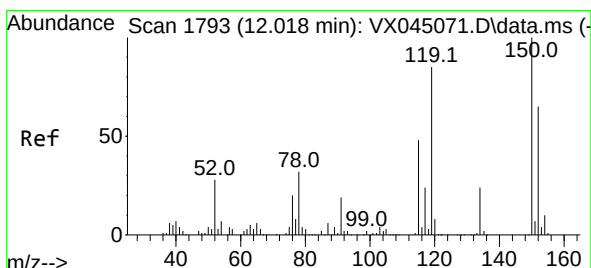
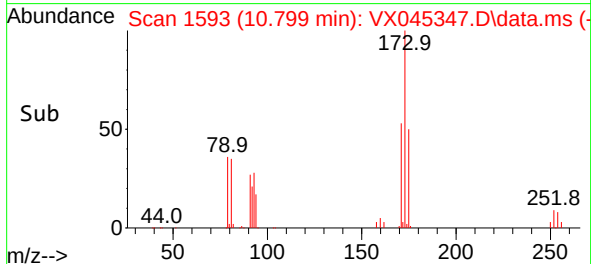
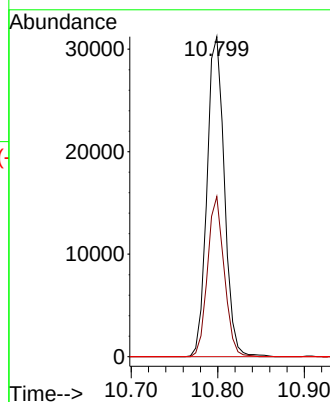
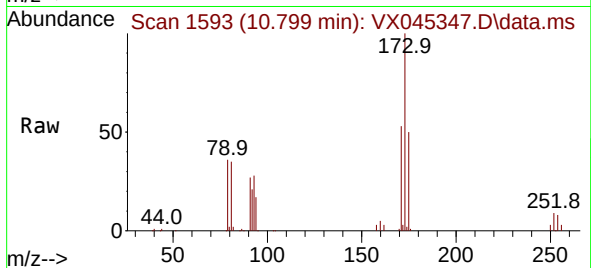
Tgt Ion:173 Resp: 43429
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.6 73.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

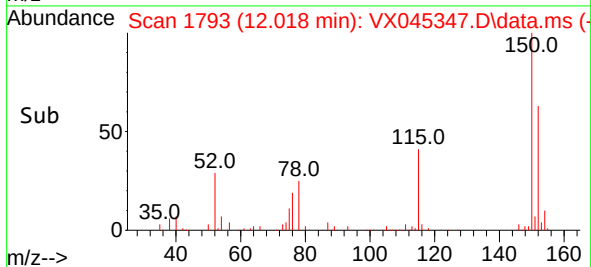
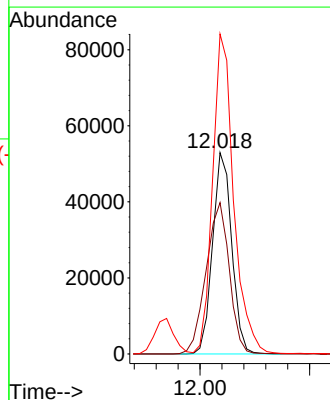
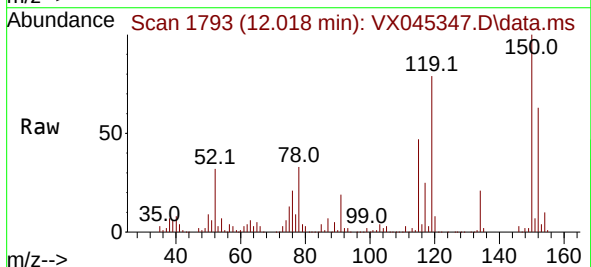
RT: 12.018 min Scan# 1793

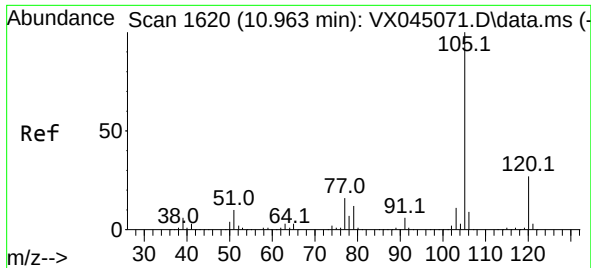
Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Tgt Ion:152 Resp: 64140
 Ion Ratio Lower Upper
 152 100
 115 91.4 44.2 132.6
 150 174.8 0.0 349.0





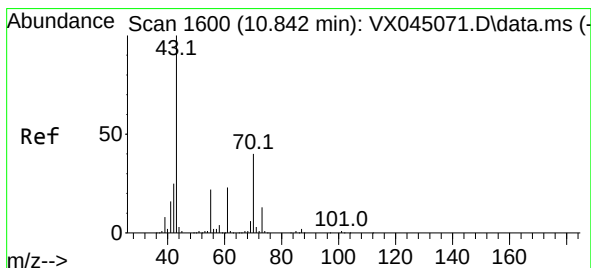
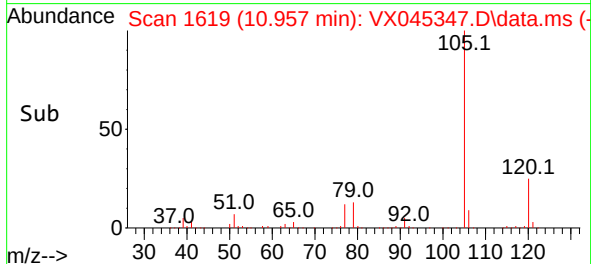
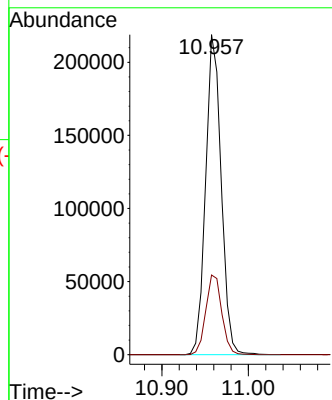
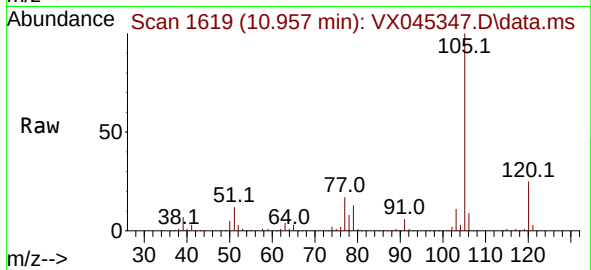
#73
Isopropylbenzene
Concen: 54.526 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 27297
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

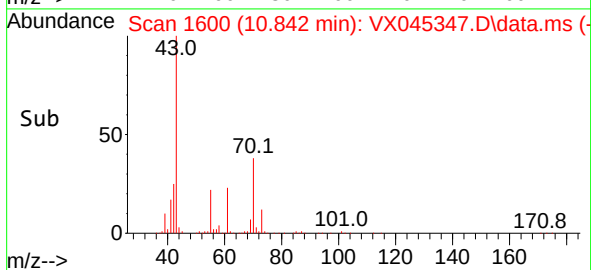
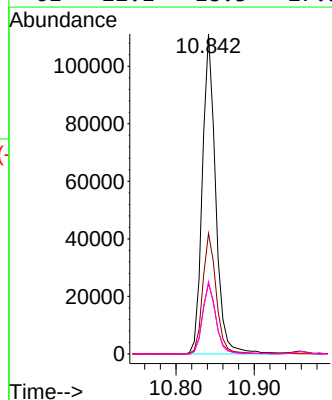
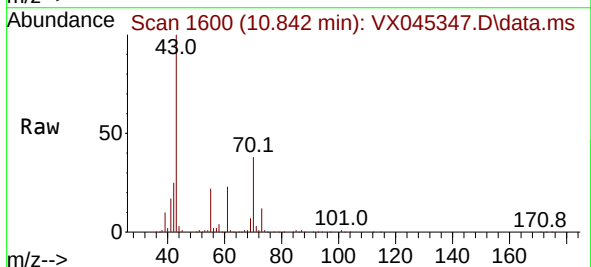
Manual Integrations
APPROVED

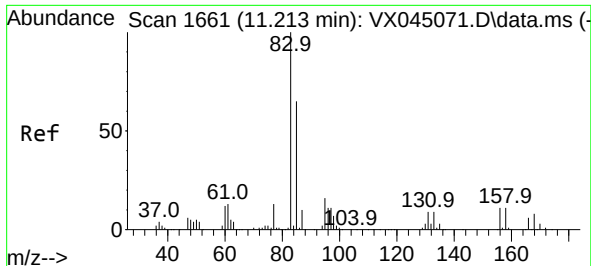
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#74
N-ethyl acetate
Concen: 55.907 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 43 Resp: 131333
Ion Ratio Lower Upper
43 100
70 38.3 31.8 47.6
55 22.7 18.3 27.5
61 22.1 18.3 27.5





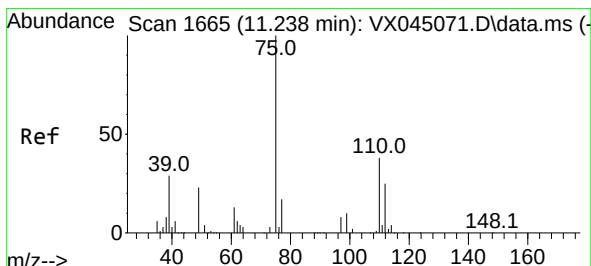
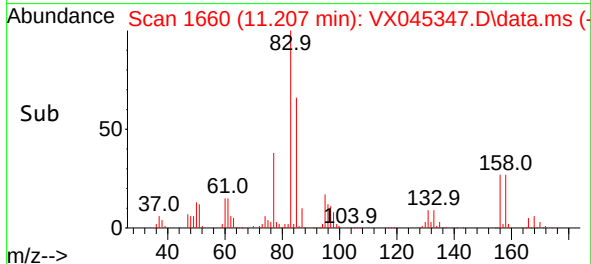
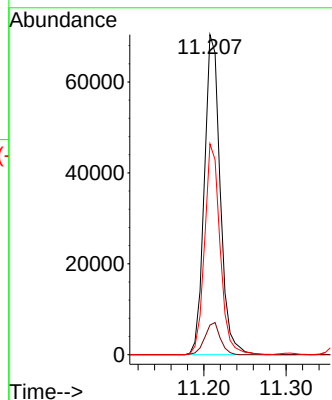
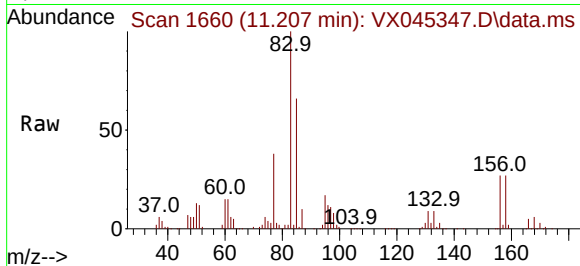
#75
1,1,2,2-Tetrachloroethane
Concen: 51.164 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 93995
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.4
85 64.6 31.7 95.1

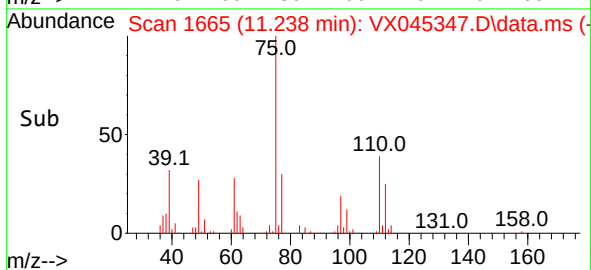
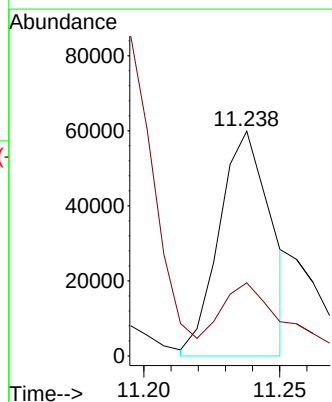
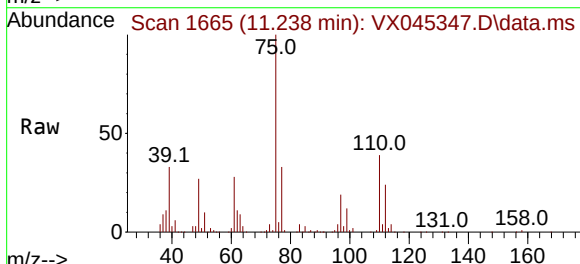
Manual Integrations
APPROVED

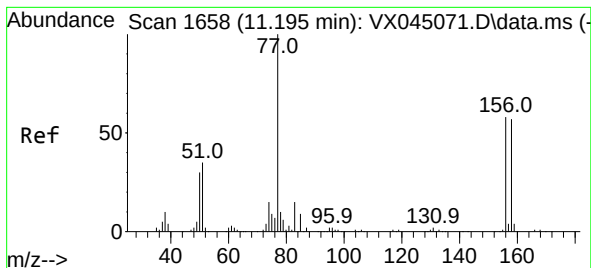
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 52.802 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion: 75 Resp: 78826
Ion Ratio Lower Upper
75 100
77 40.9 20.7 62.1





#77

Bromobenzene

Concen: 51.283 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

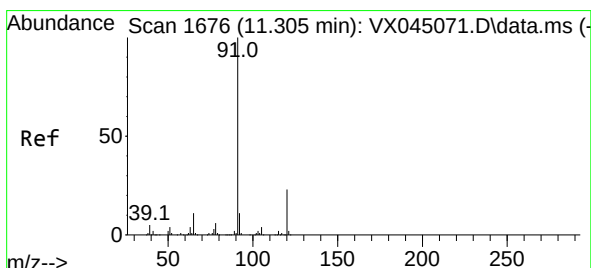
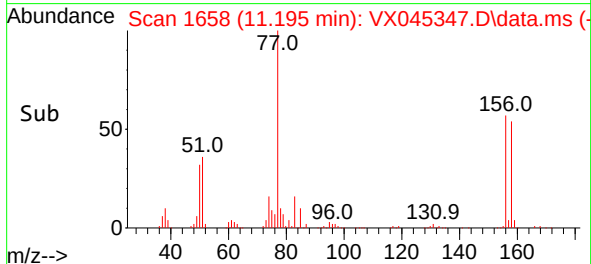
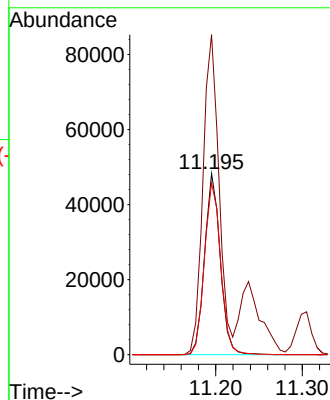
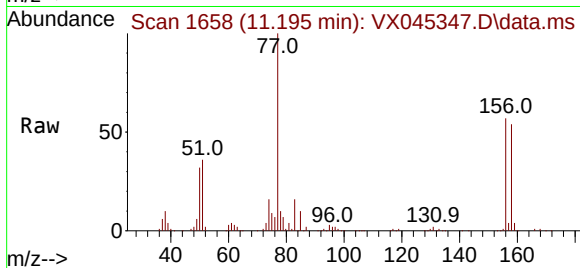
Tgt Ion:156 Resp: 60579
 Ion Ratio Lower Upper
 156 100
 77 180.5 85.8 257.4
 158 98.5 48.4 145.2

Manual Integrations

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Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#78

n-propylbenzene

Concen: 56.710 ug/l

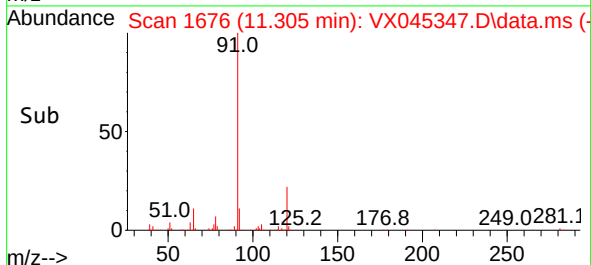
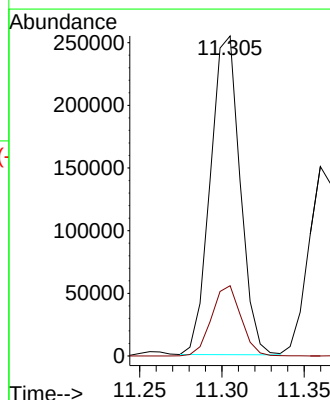
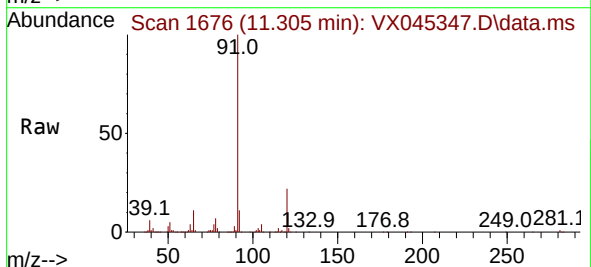
RT: 11.305 min Scan# 1676

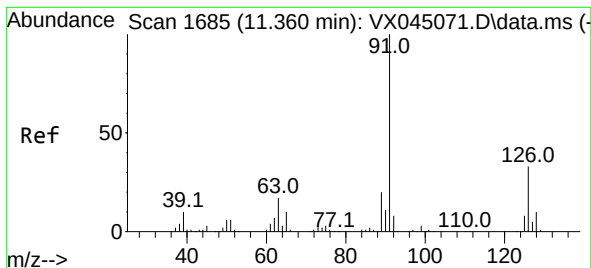
Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Tgt Ion: 91 Resp: 320714
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.2 33.6





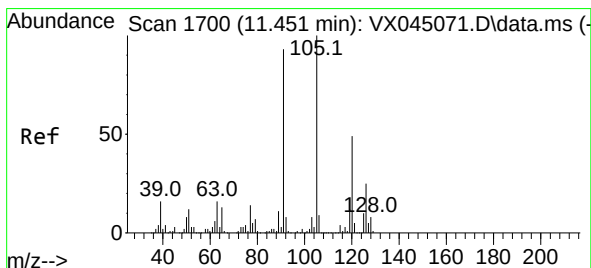
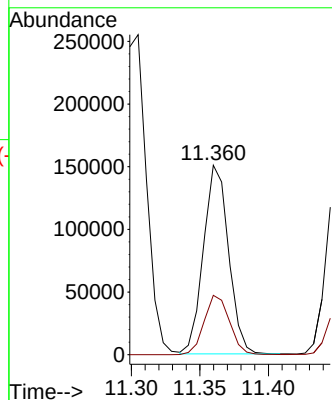
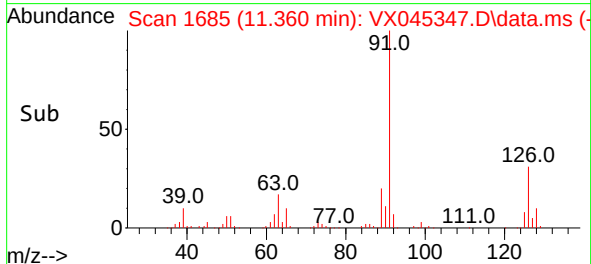
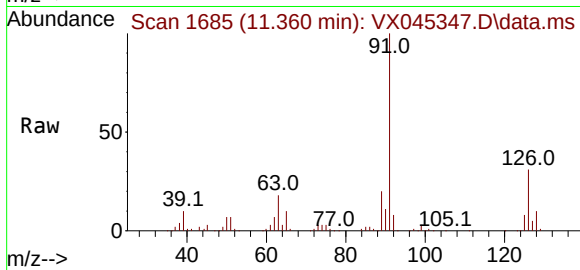
#79
2-Chlorotoluene
Concen: 53.424 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19241
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.4

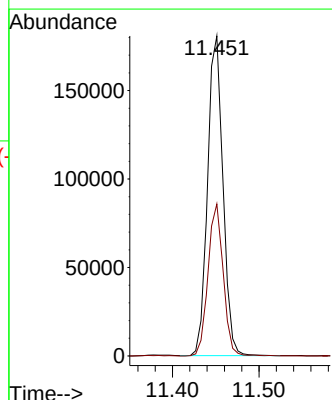
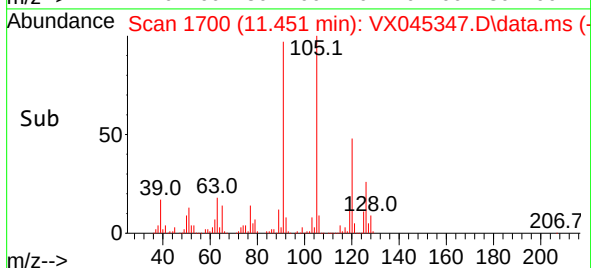
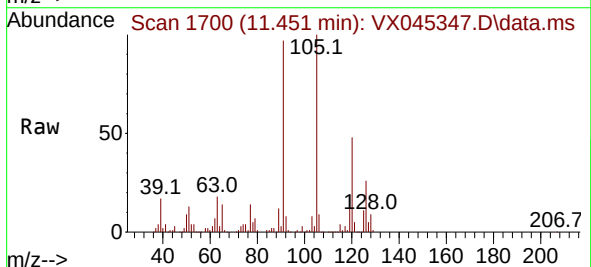
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APPROVED

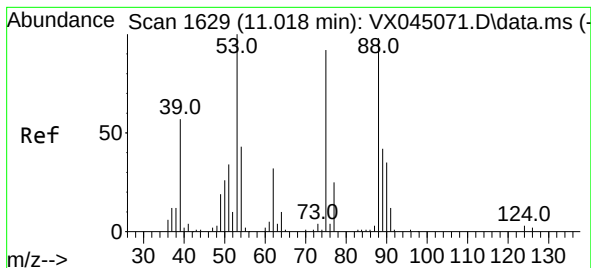
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 55.029 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Tgt Ion:105 Resp: 222755
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.2





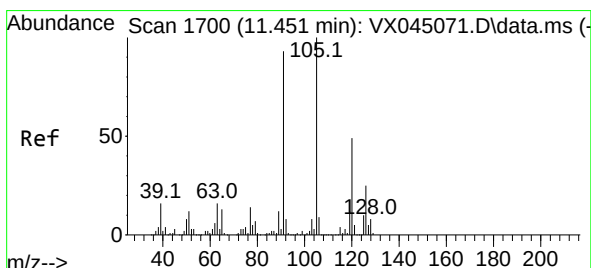
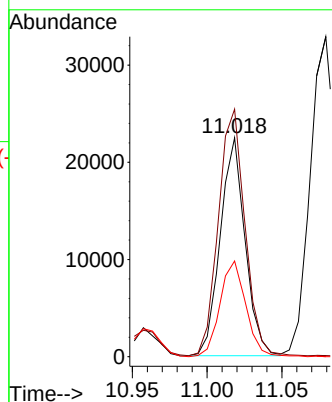
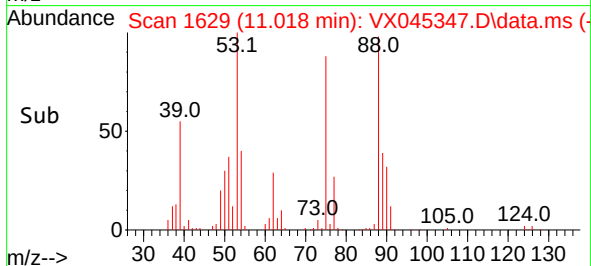
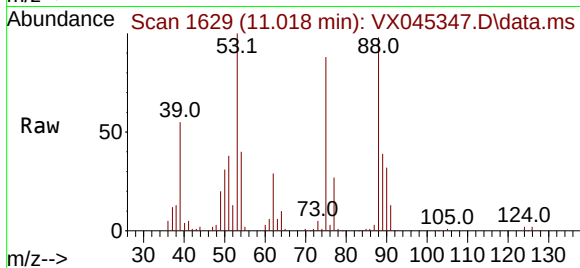
#81
trans-1,4-Dichloro-2-butene
Concen: 59.413 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25918
Ion Ratio Lower Upper
75 100
53 122.1 88.5 132.7
89 45.9 36.2 54.4

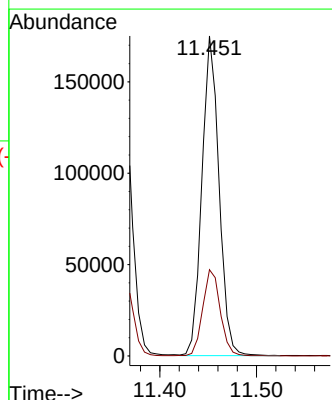
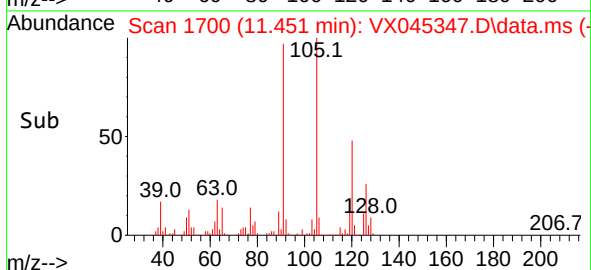
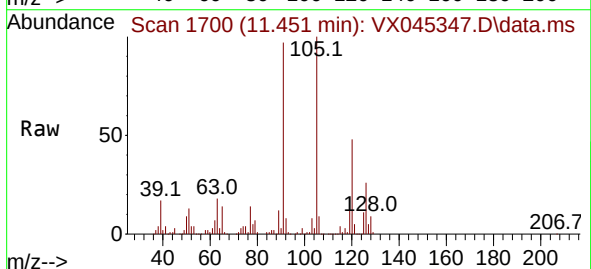
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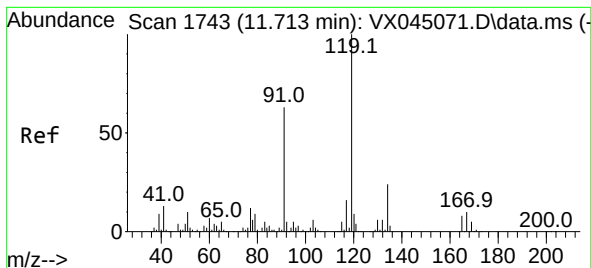
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#82
4-Chlorotoluene
Concen: 54.878 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

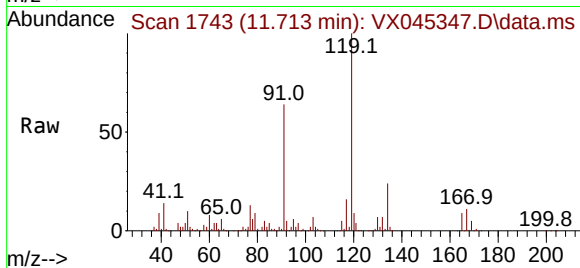
Tgt Ion: 91 Resp: 215413
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 53.959 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

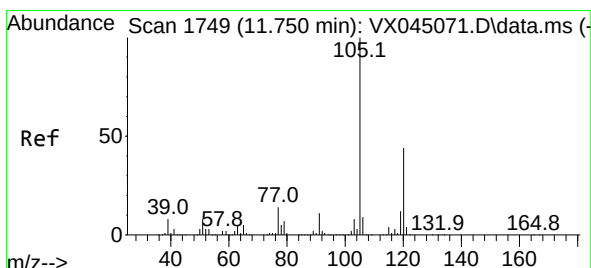
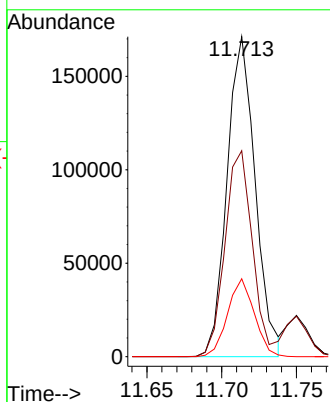
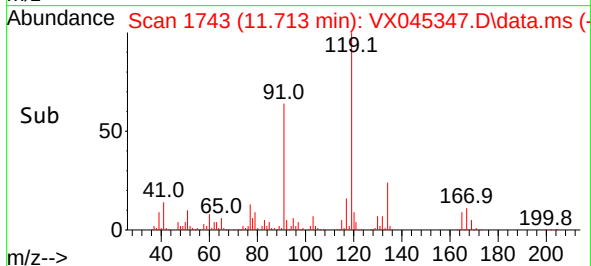
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



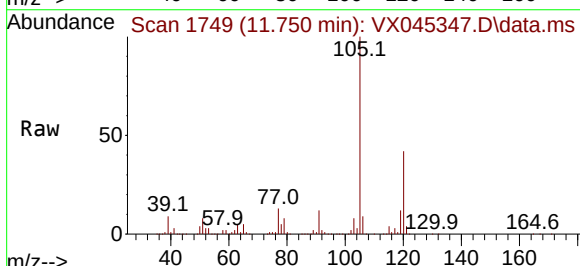
Tgt Ion:119 Resp: 22442
Ion Ratio Lower Upper
119 100
91 62.0 30.7 92.1
134 23.2 11.7 35.0

Manual Integrations
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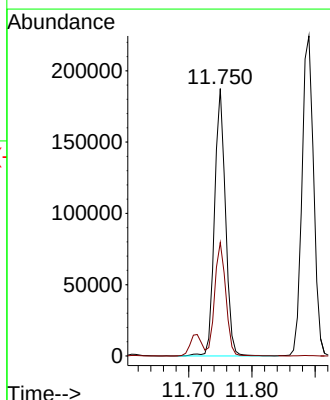
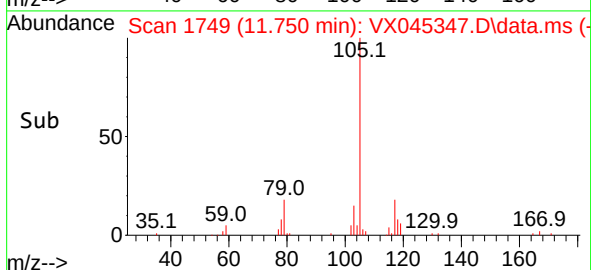
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

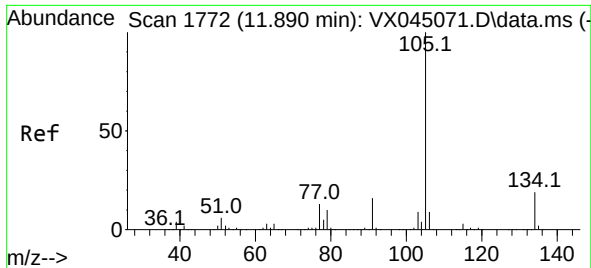


#84
1,2,4-Trimethylbenzene
Concen: 55.202 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



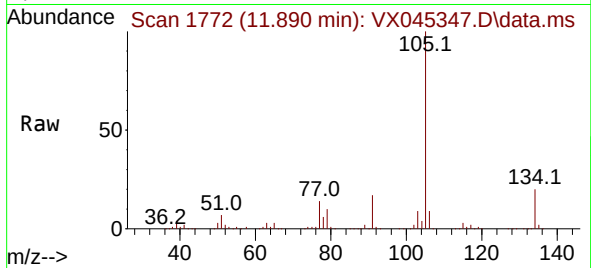
Tgt Ion:105 Resp: 224842
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 57.320 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045347.D
 Acq: 20 Mar 2025 09:38

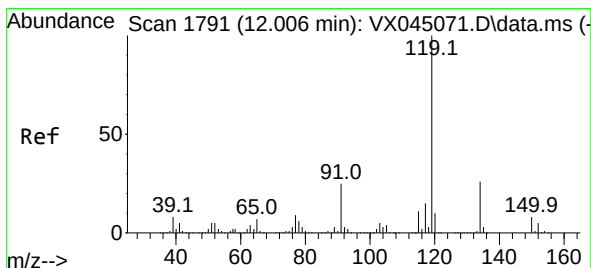
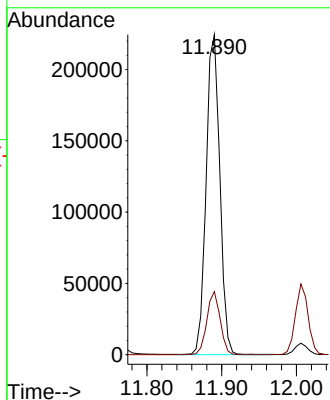
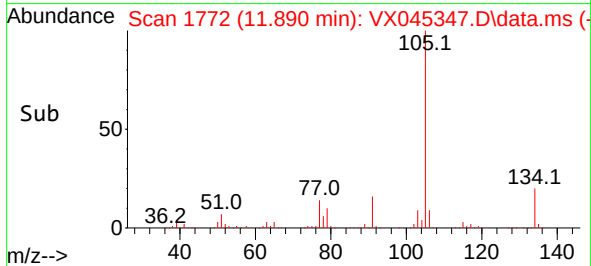
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



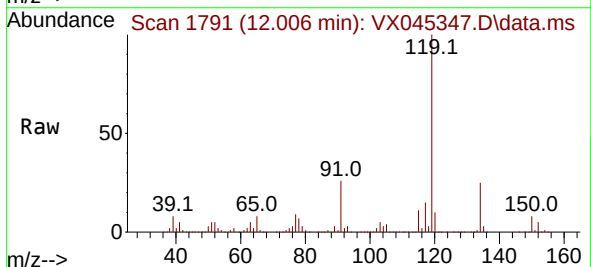
Tgt Ion:105 Resp: 28557
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

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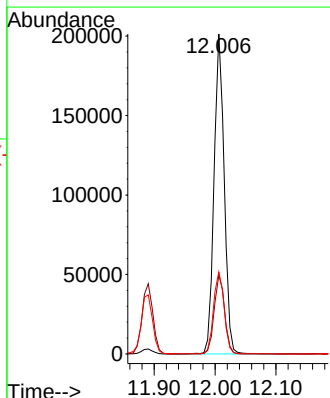
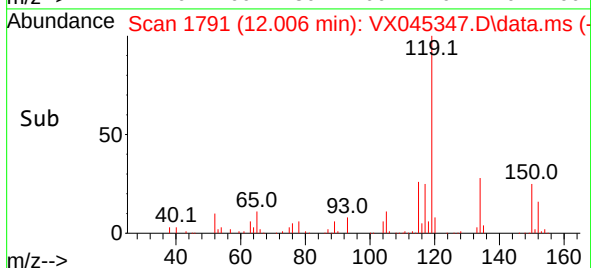
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

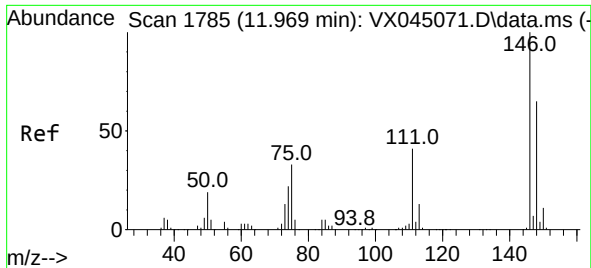


#86
 p-Isopropyltoluene
 Concen: 57.707 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045347.D
 Acq: 20 Mar 2025 09:38



Tgt Ion:119 Resp: 232345
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 26.7 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 53.171 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11204

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.4

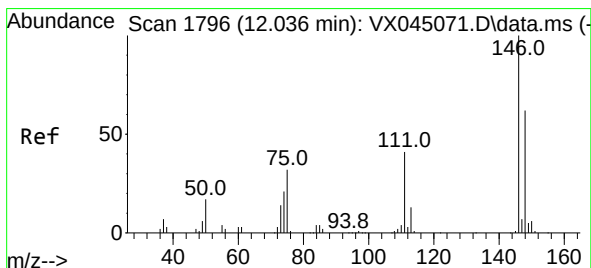
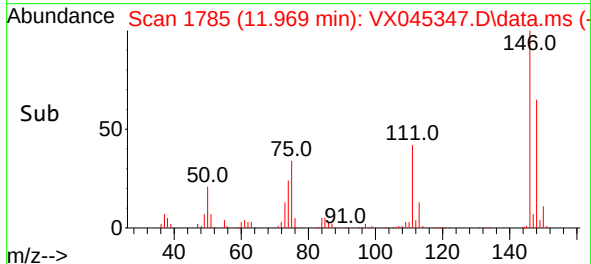
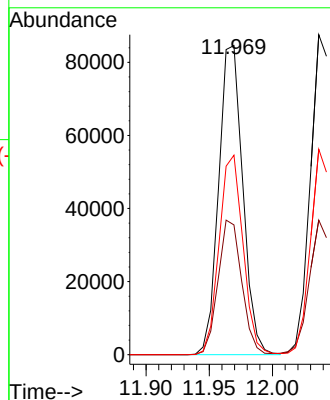
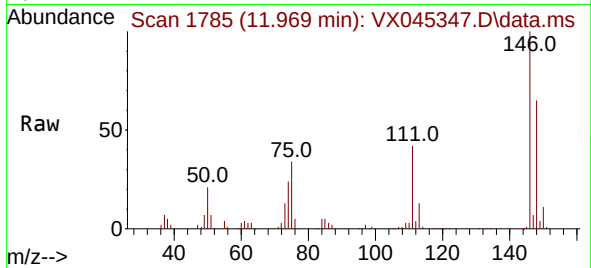
148 64.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#88

1,4-Dichlorobenzene

Concen: 51.865 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045347.D

Acq: 20 Mar 2025 09:38

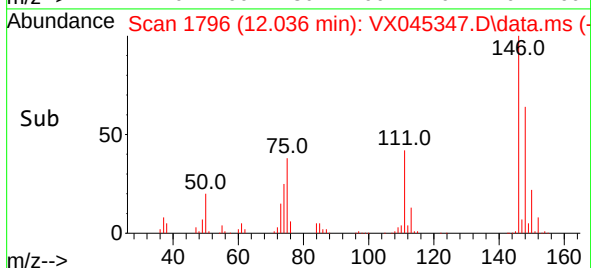
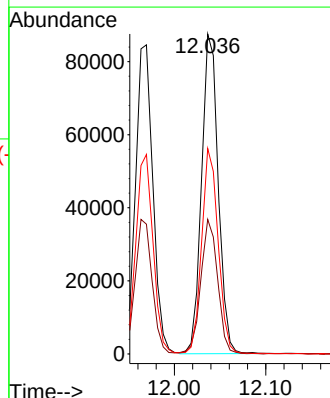
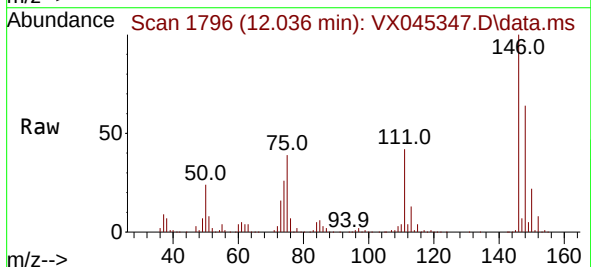
Tgt Ion:146 Resp: 110569

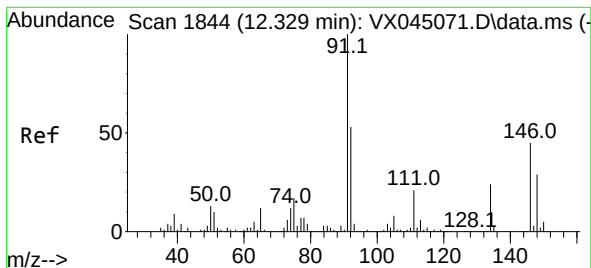
Ion Ratio Lower Upper

146 100

111 42.8 20.2 60.5

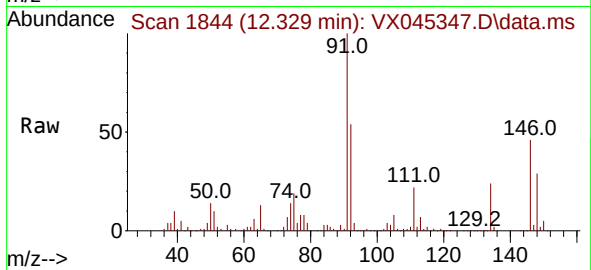
148 63.6 31.9 95.9





#89
n-Butylbenzene
Concen: 61.041 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

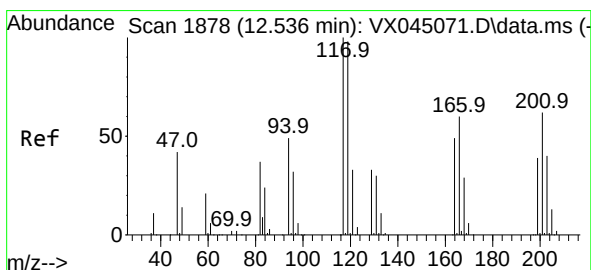
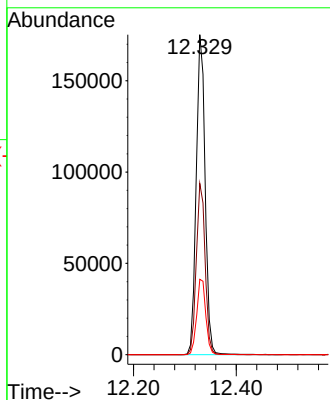
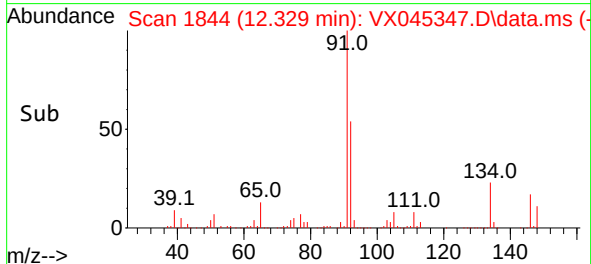
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 211674
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 24.1 12.2 36.6

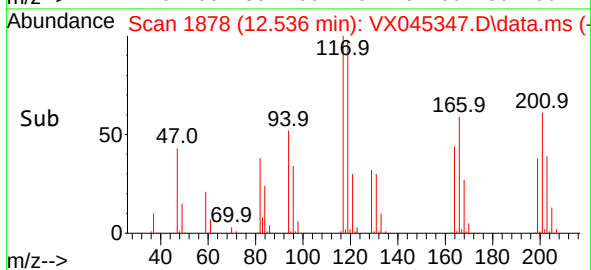
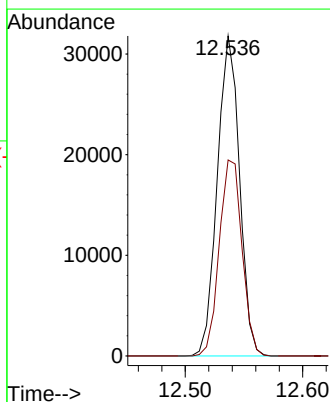
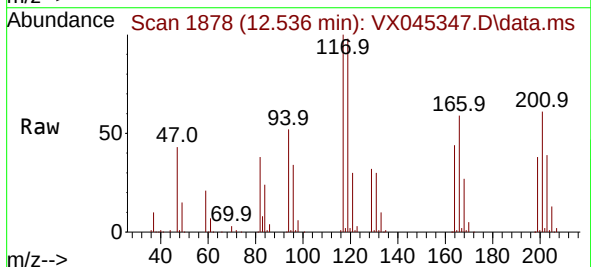
Manual Integrations
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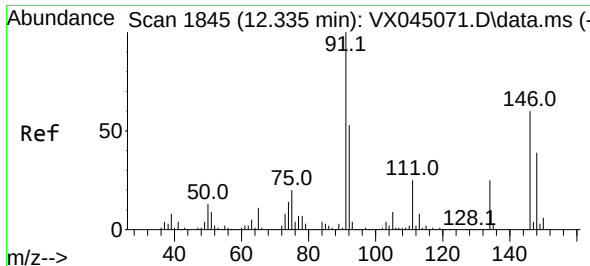
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 57.380 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

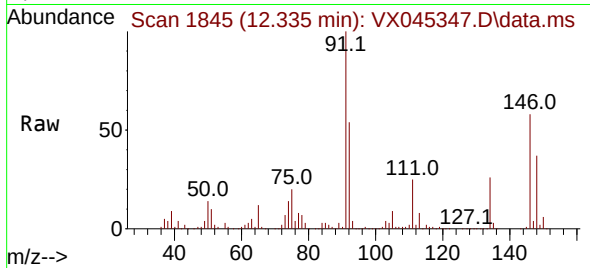
Tgt Ion:117 Resp: 41788
Ion Ratio Lower Upper
117 100
201 62.8 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 53.282 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

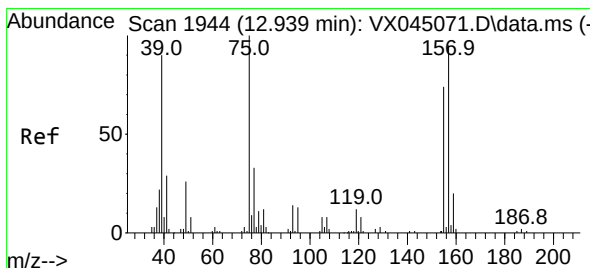
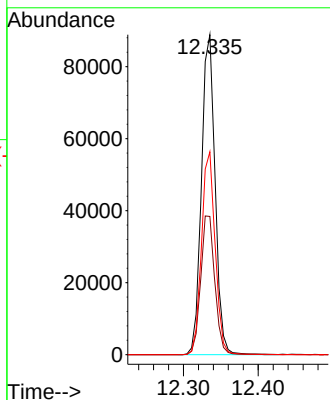
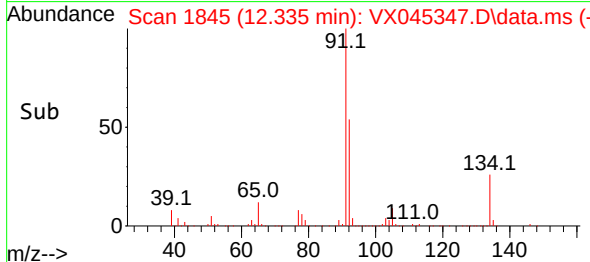
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



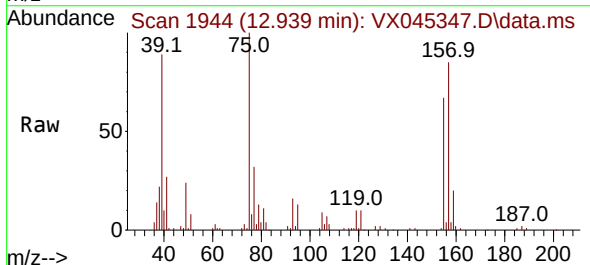
Tgt Ion:146 Resp: 112628
Ion Ratio Lower Upper
146 100
111 44.9 21.6 65.0
148 63.3 31.9 95.9

Manual Integrations
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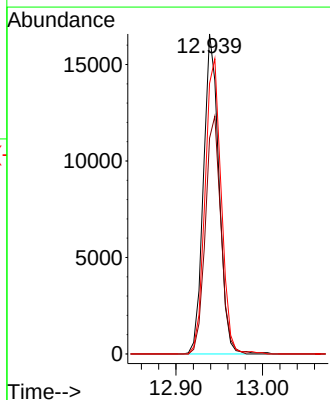
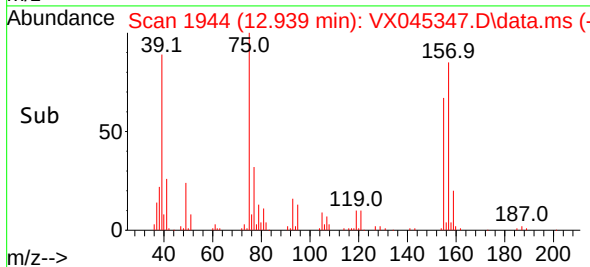
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

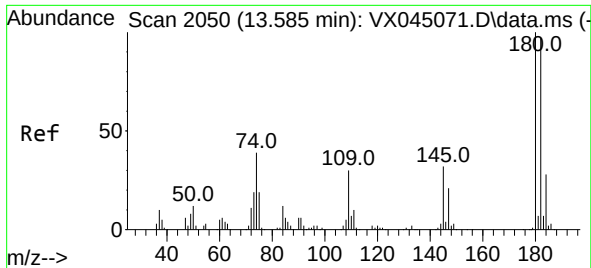


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.585 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



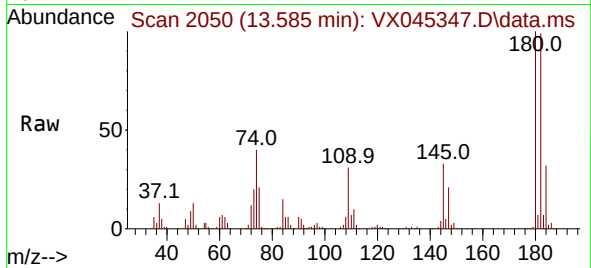
Tgt Ion: 75 Resp: 20610
Ion Ratio Lower Upper
75 100
155 74.5 39.6 118.7
157 96.4 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 57.116 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

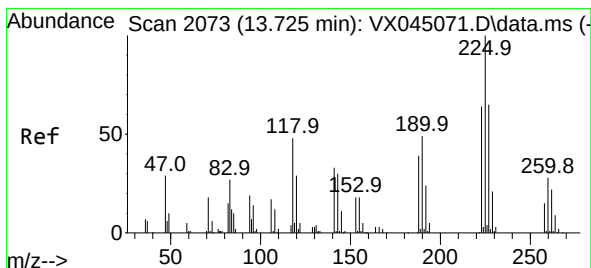
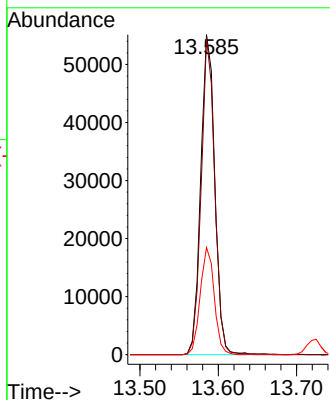
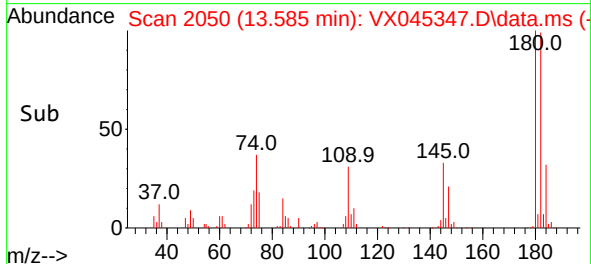
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



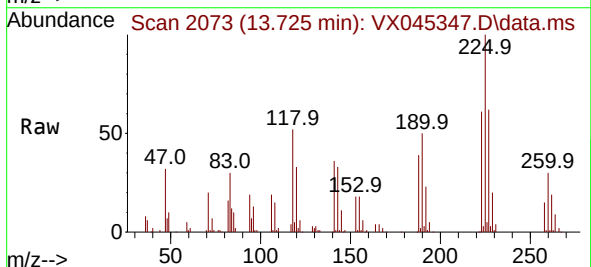
Tgt Ion:180 Resp: 68740
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 33.4 16.3 48.9

Manual Integrations
APPROVED

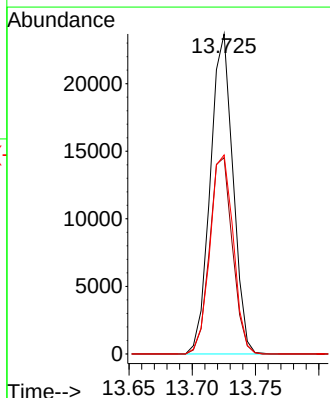
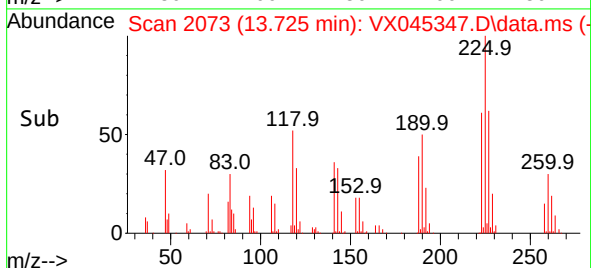
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

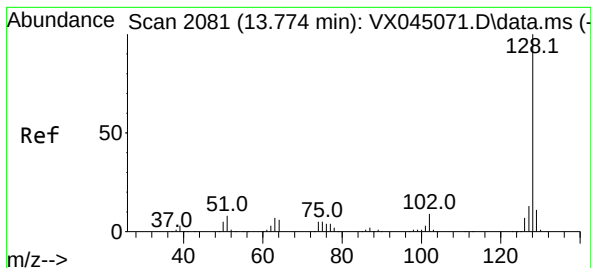


#94
Hexachlorobutadiene
Concen: 59.832 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



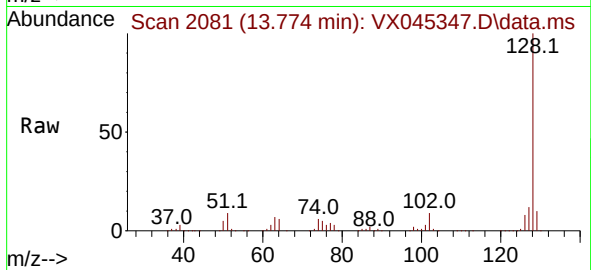
Tgt Ion:225 Resp: 29525
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.7
227 63.8 31.4 94.0





#95
Naphthalene
Concen: 55.368 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38

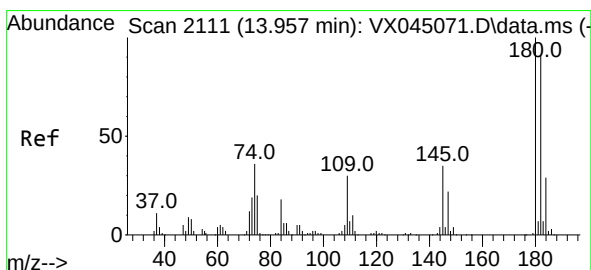
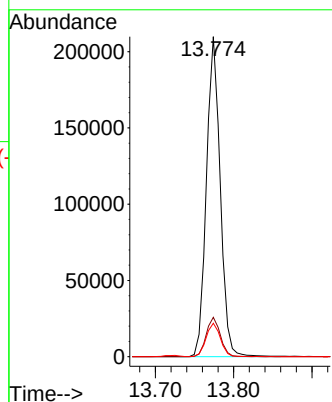
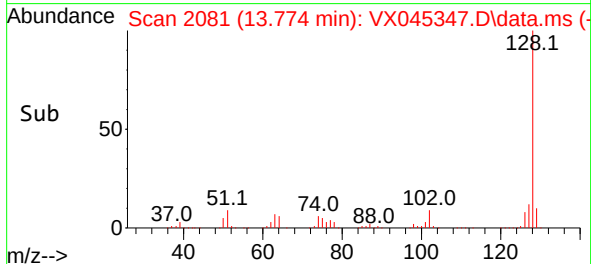
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



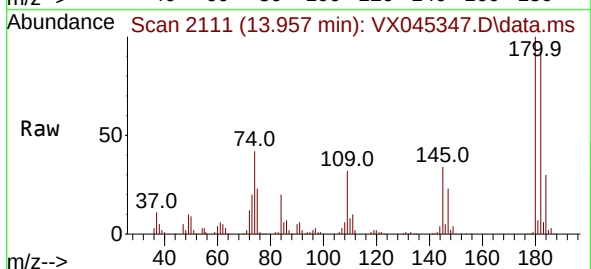
Tgt Ion:128 Resp: 25604
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.7 13.1

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Supervised By :Mahesh Dadoda 03/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.945 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045347.D
Acq: 20 Mar 2025 09:38



Tgt Ion:180 Resp: 71037
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.6
145 34.1 17.0 50.9

