

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045817.D
 Acq On : 17 Apr 2025 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 03:30:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	77547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76164	53.707	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	5.379	113	51869	52.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	8.647	98	169474	49.122	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.240%			
62) 4-Bromofluorobenzene	11.079	95	69210	55.073	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55553	47.902	ug/l	98
3) Chloromethane	1.307	50	56203	47.173	ug/l	98
4) Vinyl Chloride	1.374	62	49244	45.164	ug/l	100
5) Bromomethane	1.593	94	23602	45.653	ug/l	100
6) Chloroethane	1.666	64	28968	50.076	ug/l	97
7) Trichlorofluoromethane	1.874	101	79885	49.133	ug/l	99
8) Diethyl Ether	2.130	74	30214	55.351	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	48789	51.209	ug/l	98
10) Methyl Iodide	2.441	142	59295	49.896	ug/l	97
11) Tert butyl alcohol	2.977	59	55942	293.527	ug/l	99
12) 1,1-Dichloroethene	2.306	96	44079	47.348	ug/l	96
13) Acrolein	2.233	56	73411	279.714	ug/l	99
14) Allyl chloride	2.654	41	94073	53.258	ug/l	99
15) Acrylonitrile	3.062	53	170139	282.806	ug/l	100
16) Acetone	2.386	43	161312	277.014	ug/l	98
17) Carbon Disulfide	2.502	76	92111	40.060	ug/l	100
18) Methyl Acetate	2.703	43	93499	69.738	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	187741	57.649	ug/l	99
20) Methylene Chloride	2.782	84	58235	53.418	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	46026	48.393	ug/l	98
22) Diisopropyl ether	3.757	45	195296	56.128	ug/l	95
23) Vinyl Acetate	3.715	43	865000	287.733	ug/l	100
24) 1,1-Dichloroethane	3.599	63	102585	52.132	ug/l	100
25) 2-Butanone	4.556	43	249626	292.849	ug/l	99
26) 2,2-Dichloropropane	4.471	77	74510	58.606	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	61648	53.203	ug/l	99
28) Bromochloromethane	4.885	49	48388	50.885	ug/l	98
29) Tetrahydrofuran	5.001	42	155314	281.039	ug/l	99
30) Chloroform	5.080	83	109432	54.046	ug/l	96
31) Cyclohexane	5.458	56	80817	46.457	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	89414	52.188	ug/l	99
36) 1,1-Dichloropropene	5.678	75	64164	48.077	ug/l	99
37) Ethyl Acetate	4.708	43	93861	55.807	ug/l	98
38) Carbon Tetrachloride	5.666	117	74175	51.425	ug/l	98
39) Methylcyclohexane	7.373	83	80376	49.131	ug/l	97
40) Benzene	6.031	78	206168	50.581	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	52533	59.198	ug/l	99
42) 1,2-Dichloroethane	6.080	62	95218	56.560	ug/l	100
43) Isopropyl Acetate	6.336	43	150117	58.890	ug/l	100
44) Trichloroethene	7.123	130	48595	50.160	ug/l	93
45) 1,2-Dichloropropane	7.421	63	56124	55.186	ug/l	96
46) Dibromomethane	7.574	93	42922	54.979	ug/l	98
47) Bromodichloromethane	7.818	83	88827	56.974	ug/l	99
48) Methyl methacrylate	7.690	41	77946	59.223	ug/l	98
49) 1,4-Dioxane	7.659	88	27975	1174.797	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	508383	300.845	ug/l	100
52) Toluene	8.714	92	126864	51.437	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79079	52.618	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	86321	58.917	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	55398	56.366	ug/l	97
56) Ethyl methacrylate	9.116	69	93315	61.349	ug/l	99
57) 1,3-Dichloropropane	9.305	76	96263	56.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	234555	304.834	ug/l	100
59) 2-Hexanone	9.427	43	375702	300.231	ug/l	99
60) Dibromochloromethane	9.519	129	62863	58.670	ug/l	98
61) 1,2-Dibromoethane	9.604	107	57332	57.625	ug/l	100
64) Tetrachloroethene	9.269	164	41033	46.286	ug/l	98
65) Chlorobenzene	10.073	112	141657	52.797	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50967	54.715	ug/l	99
67) Ethyl Benzene	10.189	91	248157	51.642	ug/l	99
68) m/p-Xylenes	10.299	106	181147	103.646	ug/l	98
69) o-Xylene	10.640	106	90298	52.447	ug/l	98
70) Styrene	10.653	104	158666	55.836	ug/l	99
71) Bromoform	10.799	173	40911	58.820	ug/l #	95
73) Isopropylbenzene	10.957	105	241148	49.569	ug/l	100
74) N-amyl acetate	10.841	43	129354	55.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88946	52.046	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78220m	52.799	ug/l	
77) Bromobenzene	11.195	156	56764	50.499	ug/l	99
78) n-propylbenzene	11.299	91	279766	49.926	ug/l	99
79) 2-Chlorotoluene	11.360	91	178312	49.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	205240	51.018	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23628	54.129	ug/l	96
82) 4-Chlorotoluene	11.451	91	205971	51.568	ug/l	100
83) tert-Butylbenzene	11.713	119	205906	51.699	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	210197	52.059	ug/l	100
85) sec-Butylbenzene	11.890	105	252785	51.675	ug/l	100
86) p-Isopropyltoluene	12.006	119	211289	52.390	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	103815	50.737	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	105043	50.639	ug/l	98
89) n-Butylbenzene	12.329	91	185888	53.153	ug/l	99
90) Hexachloroethane	12.536	117	36639	52.862	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	106549	52.377	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21271	59.514	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	62815	55.473	ug/l	99
94) Hexachlorobutadiene	13.719	225	24866	50.961	ug/l	99
95) Naphthalene	13.774	128	239323	56.794	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65297	55.070	ug/l	99

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Response via : Initial Calibration

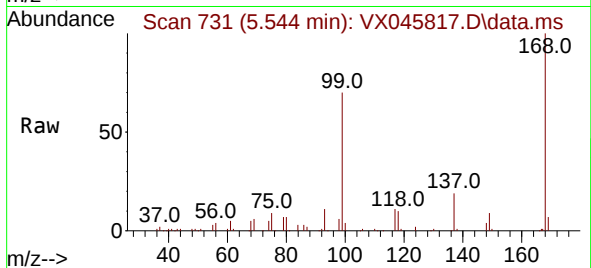
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

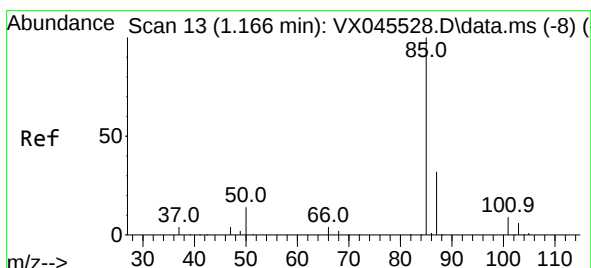
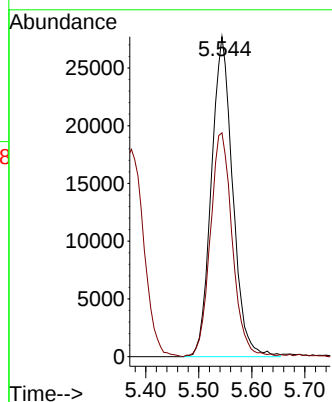
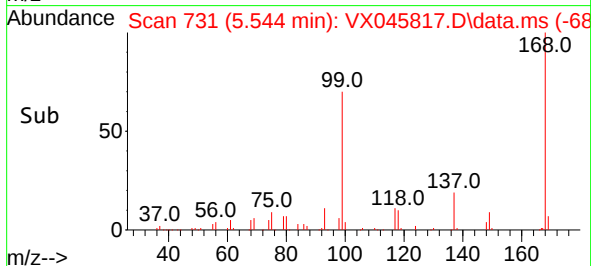
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 7754
Ion Ratio Lower Upper
168 100
99 69.7 52.3 78.5

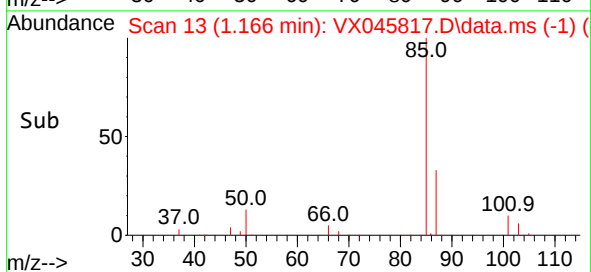
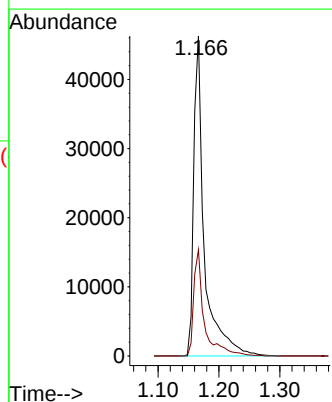
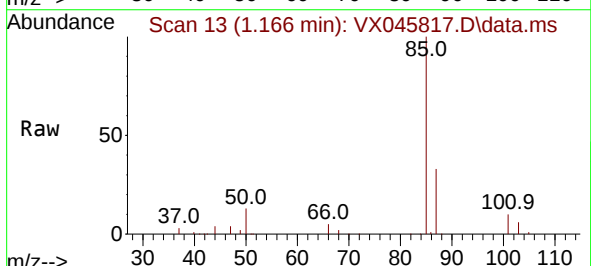
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 47.902 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 85 Resp: 55553
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2





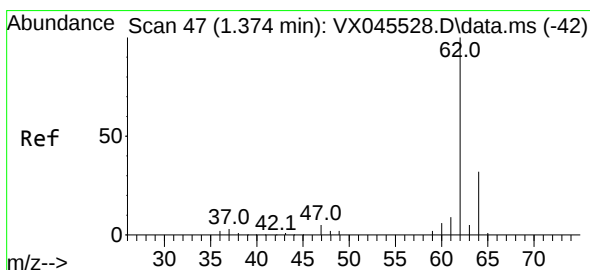
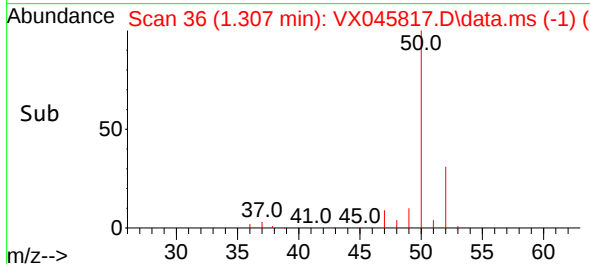
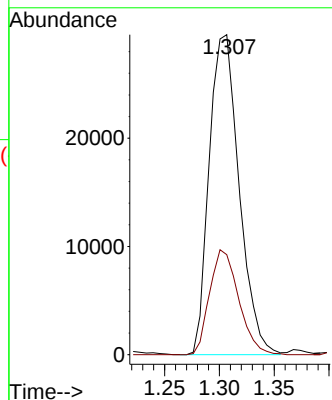
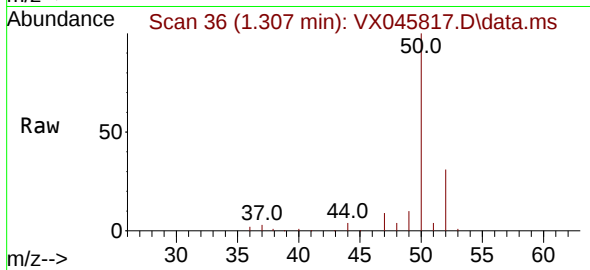
#3
Chloromethane
Concen: 47.173 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 5620
Ion Ratio Lower Upper
50 100
52 31.3 25.9 38.9

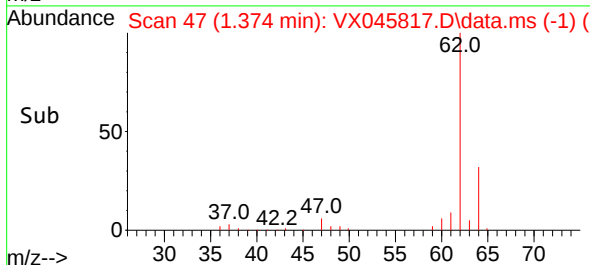
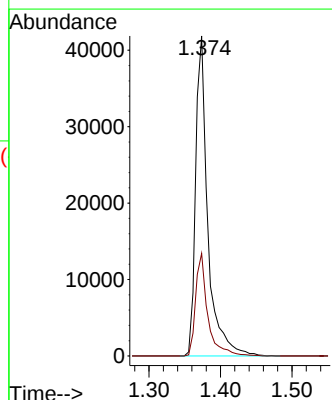
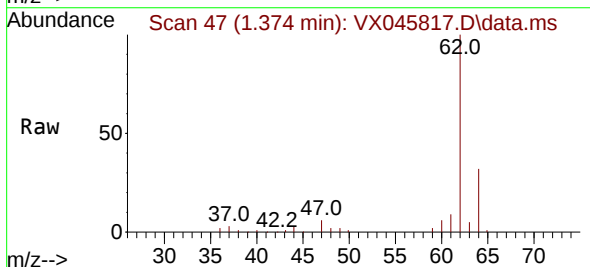
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/18/2025



#4
Vinyl Chloride
Concen: 45.164 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

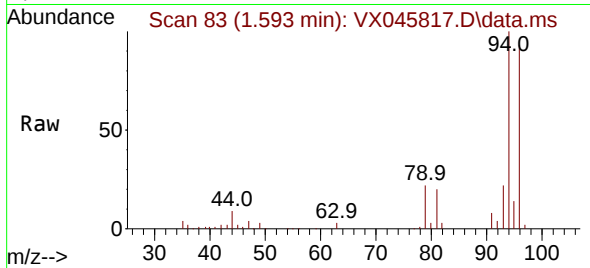
Tgt Ion: 62 Resp: 49244
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3





#5
Bromomethane
Concen: 45.653 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045817.D
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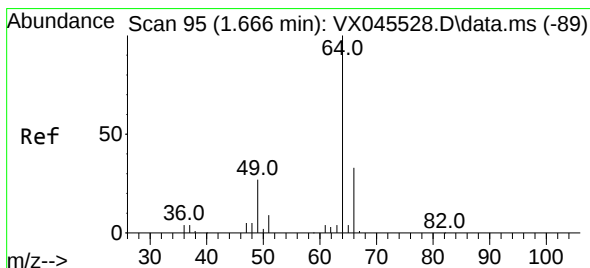
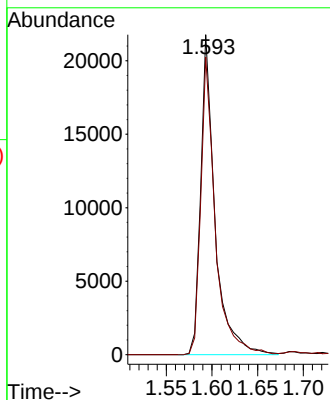
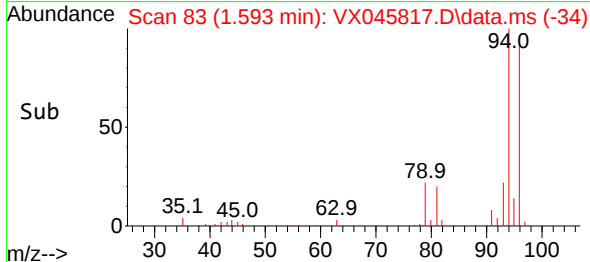
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 23602
Ion Ratio Lower Upper
94 100
96 93.0 74.8 112.2

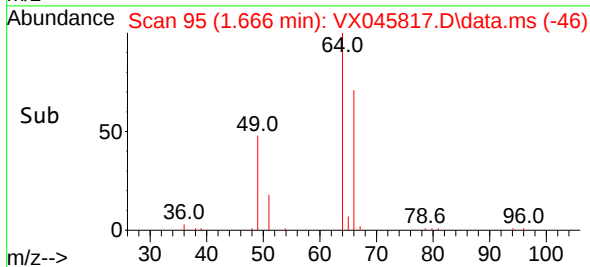
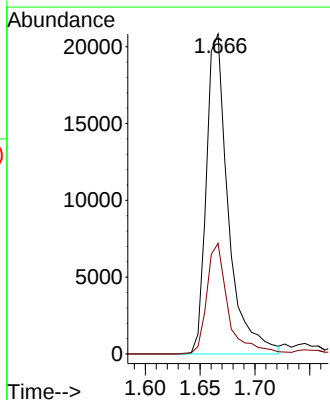
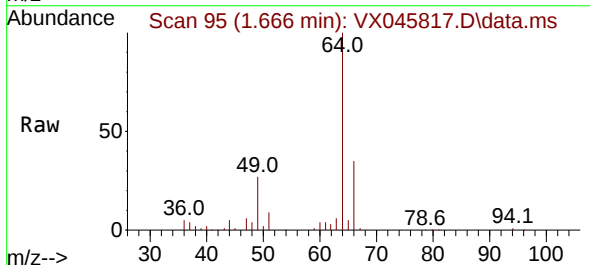
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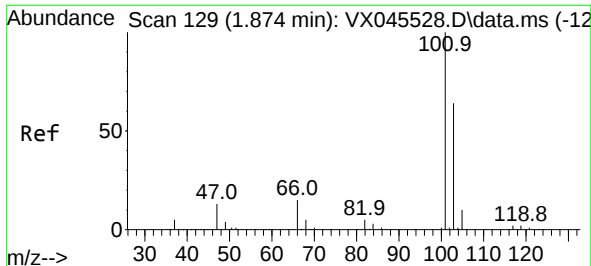
Reviewed By :John Carlone 04/18/2025
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#6
Chloroethane
Concen: 50.076 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

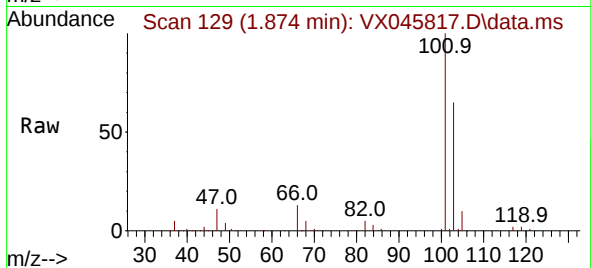
Tgt Ion: 64 Resp: 28968
Ion Ratio Lower Upper
64 100
66 34.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.133 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

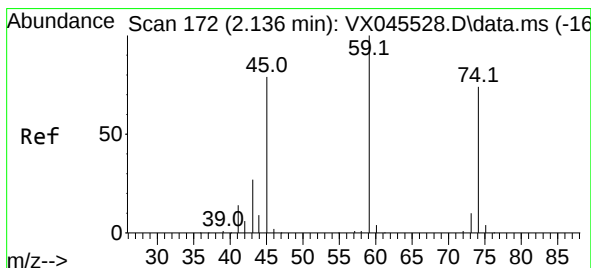
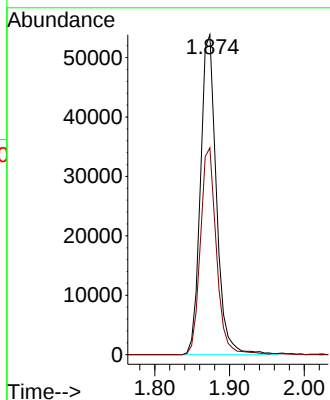
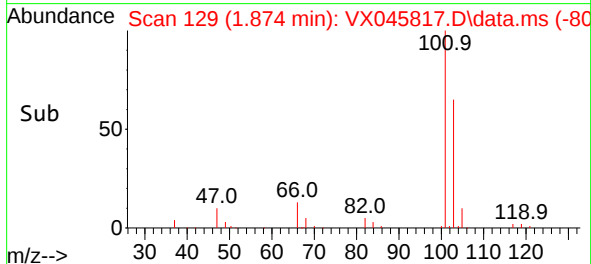
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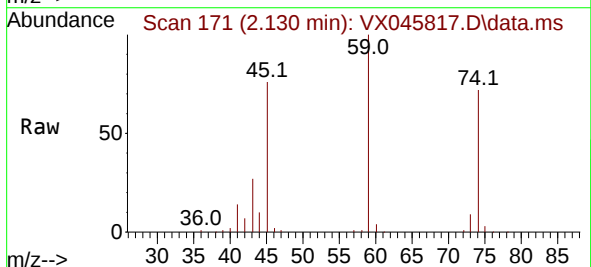
Tgt Ion:101 Resp: 7988
Ion Ratio Lower Upper
101 100
103 64.6 51.1 76.7

Manual Integrations
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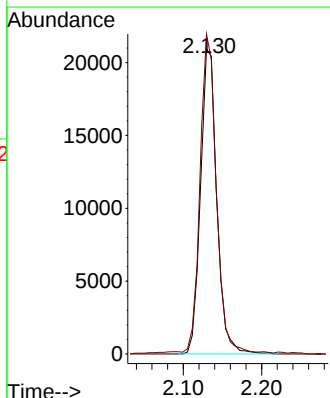
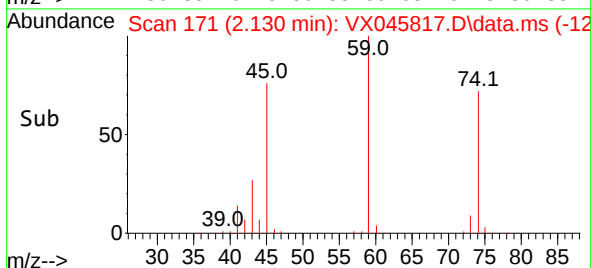
Reviewed By :John Carlone 04/18/2025
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#8
Diethyl Ether
Concen: 55.351 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



Tgt Ion: 74 Resp: 30214
Ion Ratio Lower Upper
74 100
45 107.1 53.0 159.1





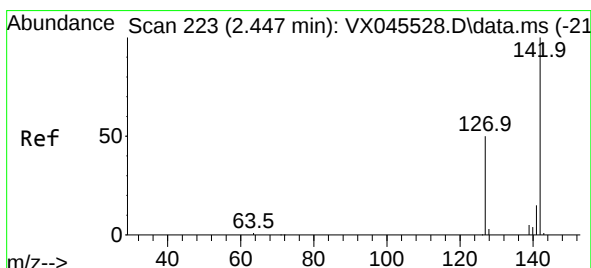
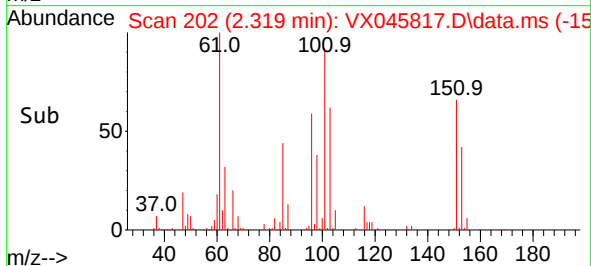
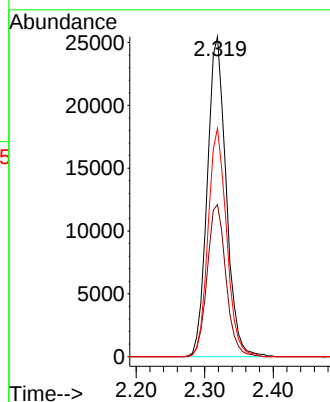
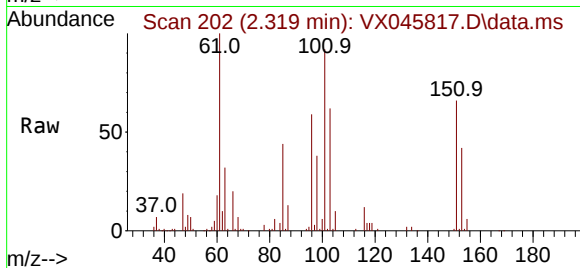
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.209 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
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Tgt Ion:101 Resp: 48789
Ion Ratio Lower Upper
101 100
85 47.4 38.9 58.3
151 70.1 57.5 86.3

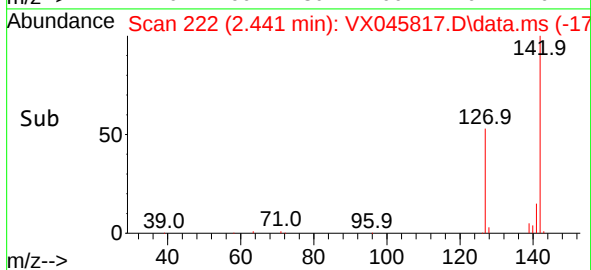
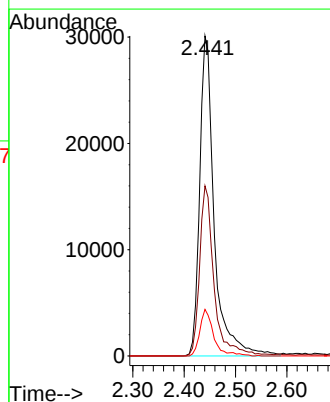
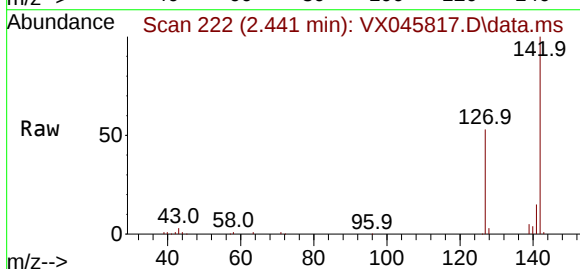
Manual Integrations
APPROVED

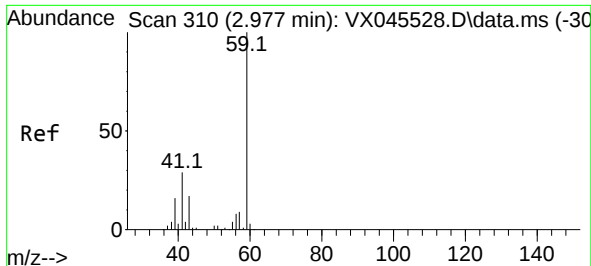
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#10
Methyl Iodide
Concen: 49.896 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

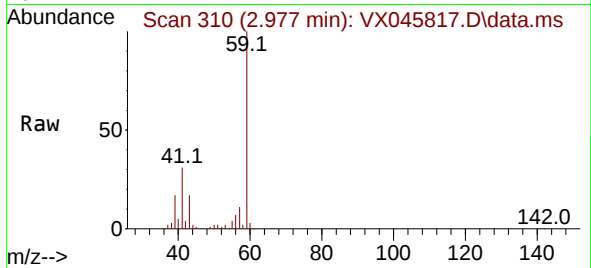
Tgt Ion:142 Resp: 59295
Ion Ratio Lower Upper
142 100
127 52.7 40.2 60.4
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 293.527 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

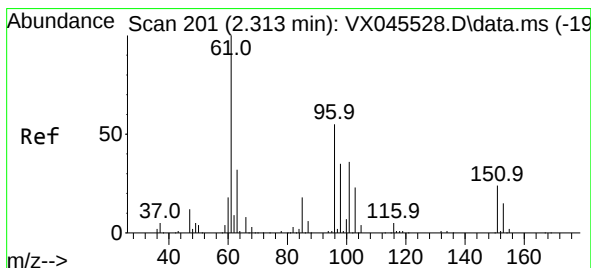
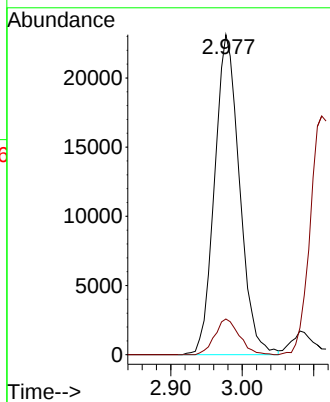
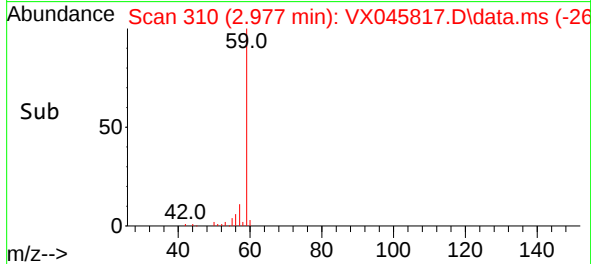
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



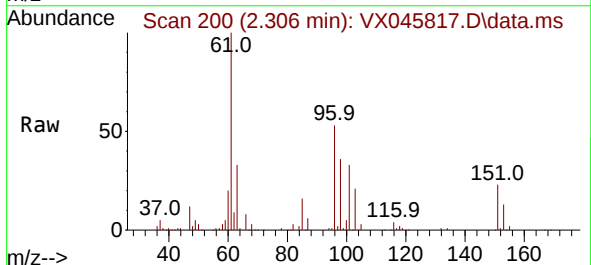
Tgt Ion: 59 Resp: 5594
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
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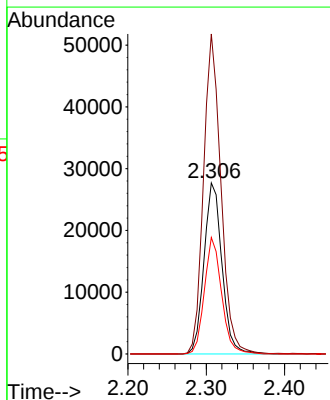
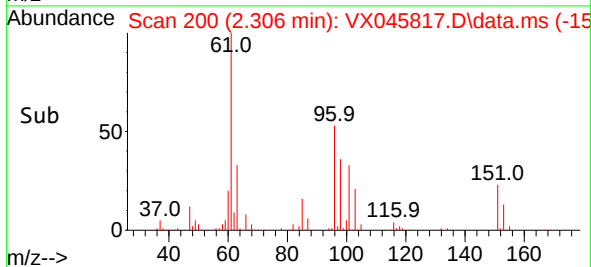
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#12
1,1-Dichloroethene
Concen: 47.348 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



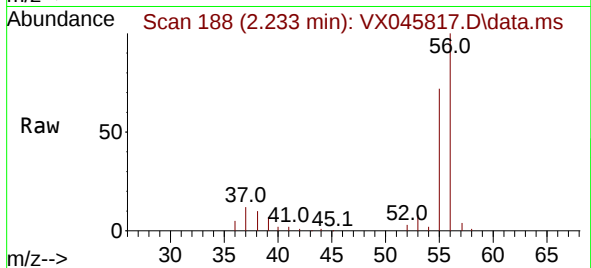
Tgt Ion: 96 Resp: 44079
Ion Ratio Lower Upper
96 100
61 187.1 145.7 218.5
98 68.1 51.6 77.4





#13
Acrolein
Concen: 279.714 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

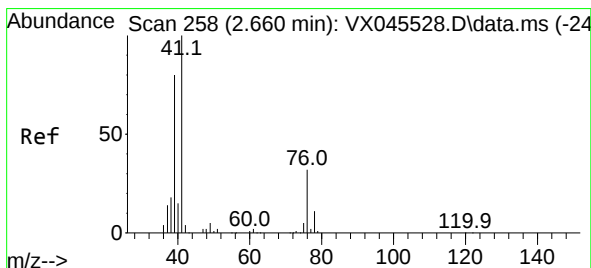
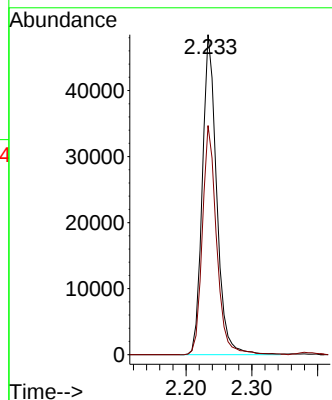
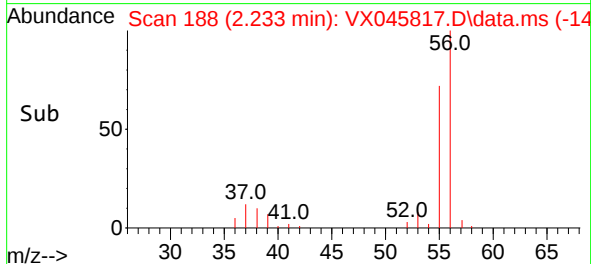
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7341
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.2

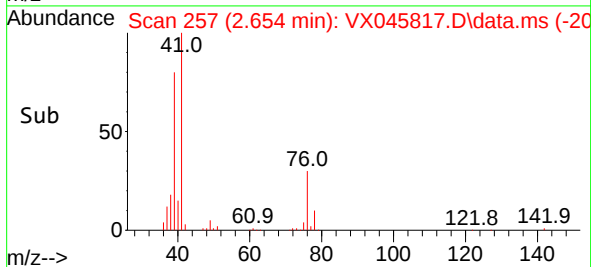
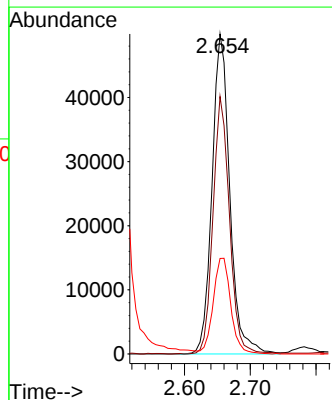
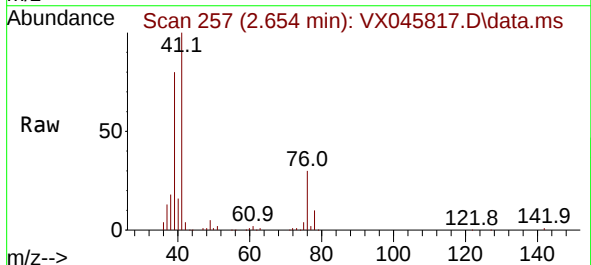
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#14
Allyl chloride
Concen: 53.258 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

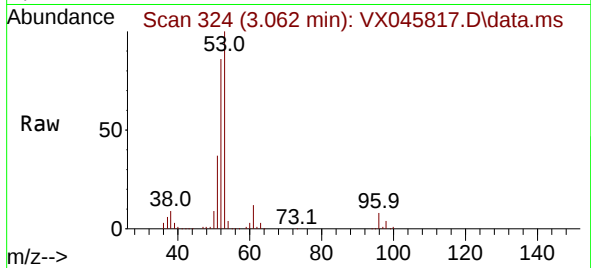
Tgt Ion: 41 Resp: 94073
Ion Ratio Lower Upper
41 100
39 74.6 60.2 90.2
76 29.6 24.6 36.8





#15
Acrylonitrile
Concen: 282.806 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

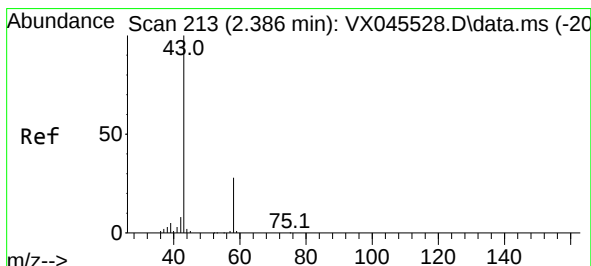
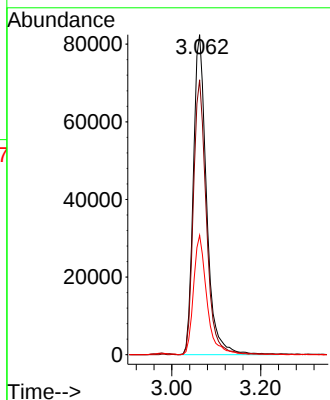
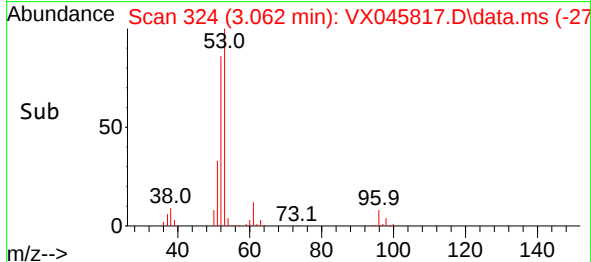
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 170139
Ion Ratio Lower Upper
53 100
52 84.4 67.4 101.2
51 37.7 29.9 44.9

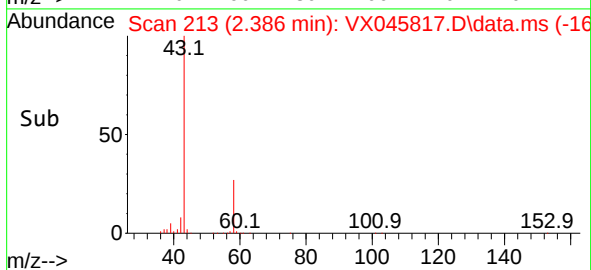
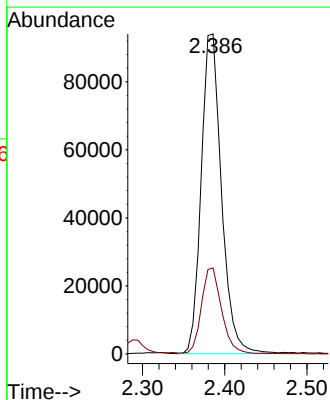
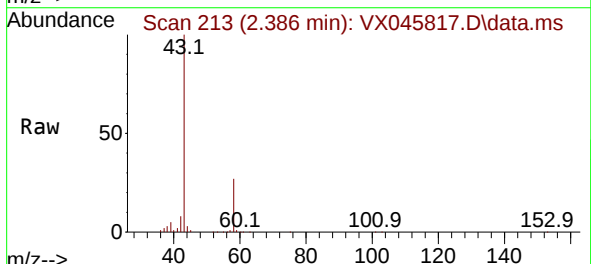
Manual Integrations
APPROVED

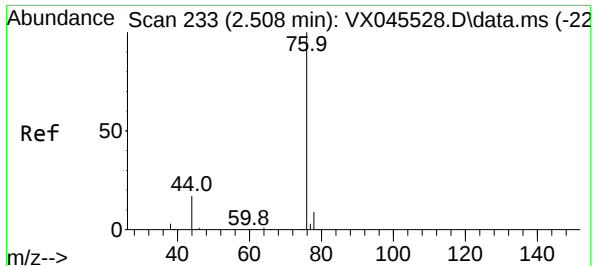
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#16
Acetone
Concen: 277.014 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 43 Resp: 161312
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5





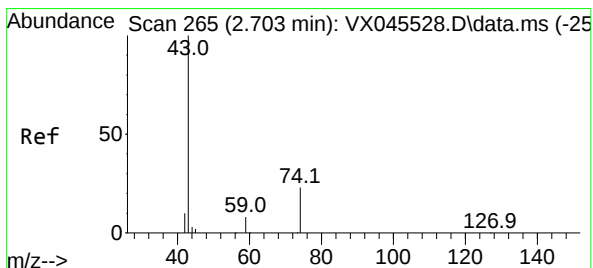
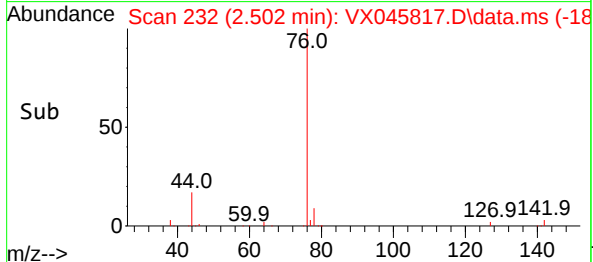
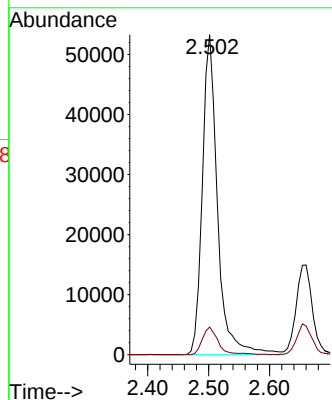
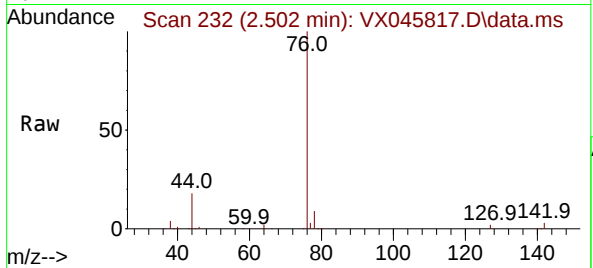
#17
Carbon Disulfide
Concen: 40.060 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 9211
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

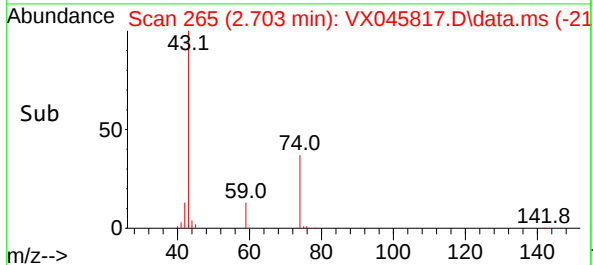
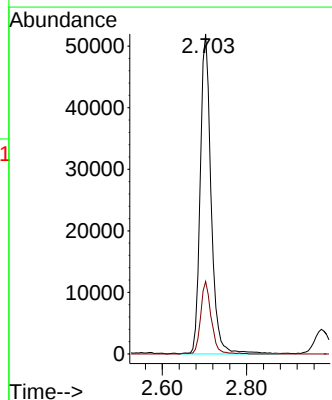
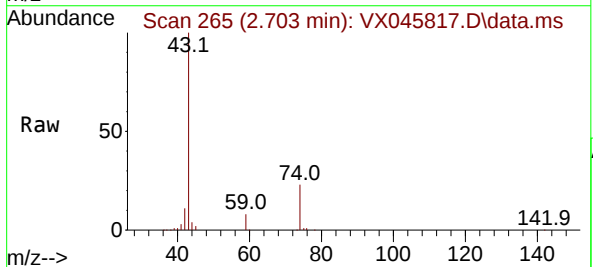
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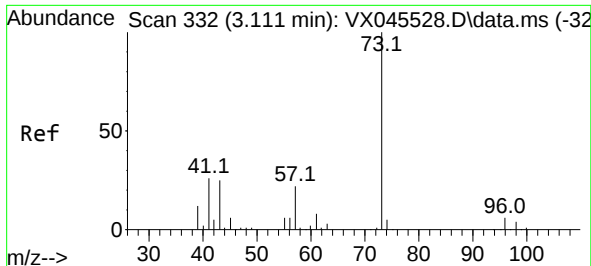
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#18
Methyl Acetate
Concen: 69.738 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 43 Resp: 93499
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





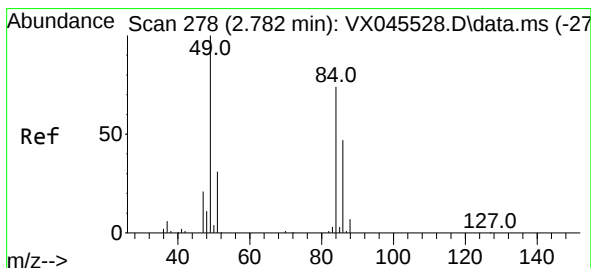
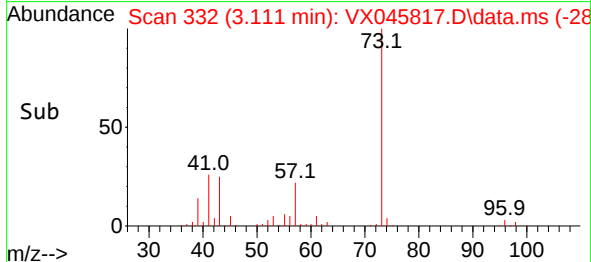
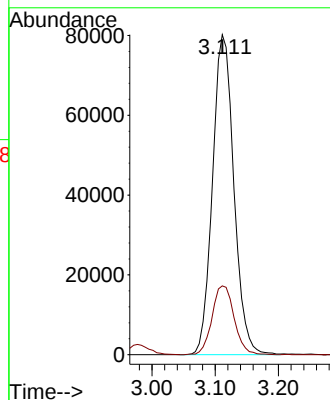
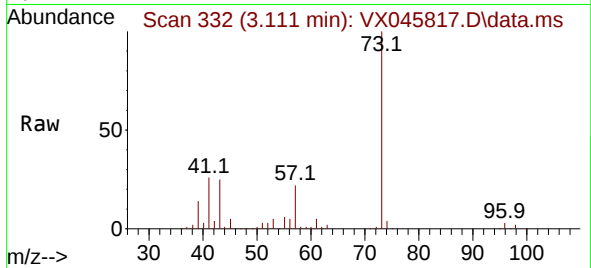
#19
Methyl tert-butyl Ether
Concen: 57.649 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 18774
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

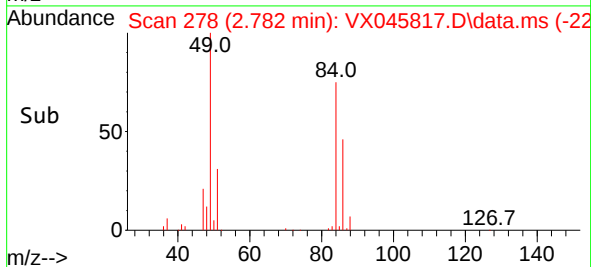
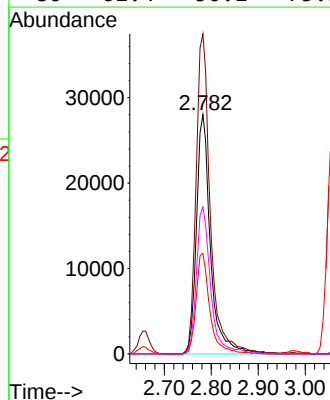
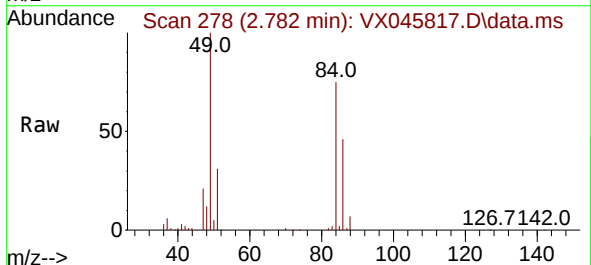
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#20
Methylene Chloride
Concen: 53.418 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 84 Resp: 58235
Ion Ratio Lower Upper
84 100
49 133.6 107.5 161.3
51 42.0 33.0 49.6
86 61.4 50.1 75.1





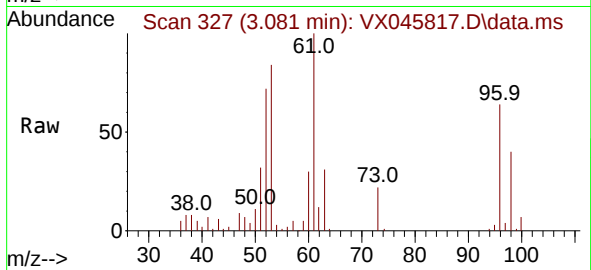
#21
trans-1,2-Dichloroethene
Concen: 48.393 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



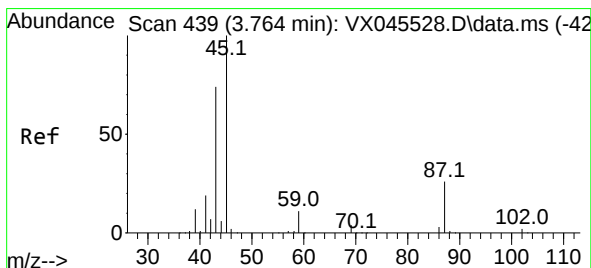
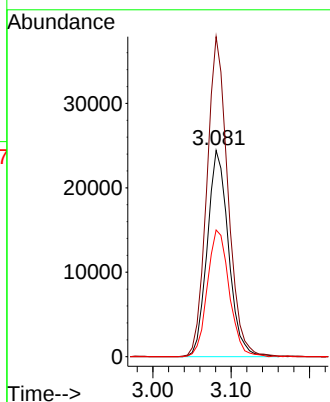
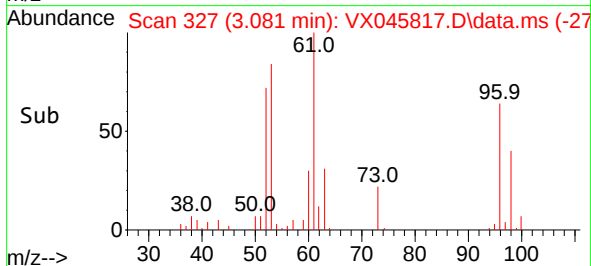
Tgt Ion: 96 Resp: 46020
Ion Ratio Lower Upper
96 100
61 155.1 121.0 181.6
98 61.4 49.7 74.5

Manual Integrations

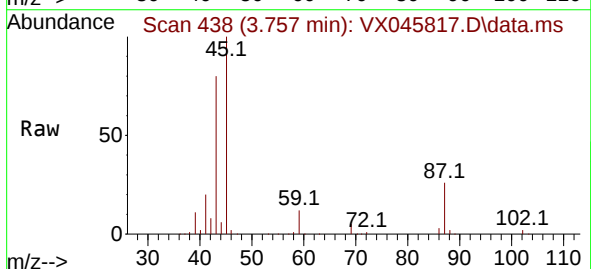
APPROVED

Reviewed By :John Carlone 04/18/2025

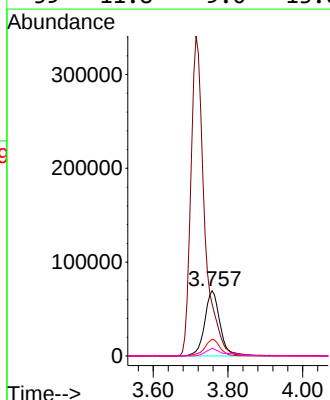
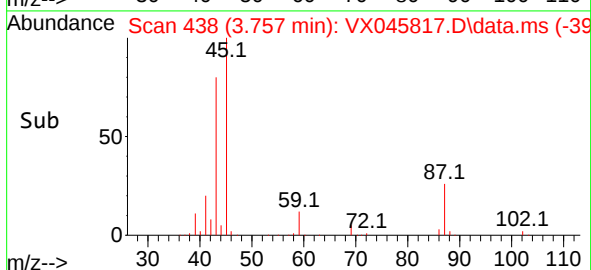
Supervised By :Mahesh Dadoda 04/18/2025



#22
Diisopropyl ether
Concen: 56.128 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



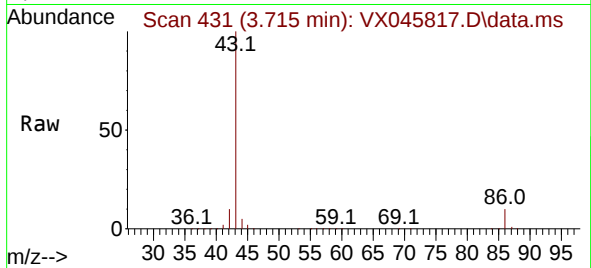
Tgt Ion: 45 Resp: 195296
Ion Ratio Lower Upper
45 100
43 79.7 59.3 88.9
87 25.9 20.4 30.6
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 287.733 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045817.D
 Acq: 17 Apr 2025 10:44

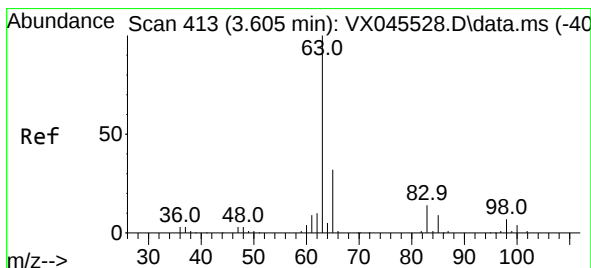
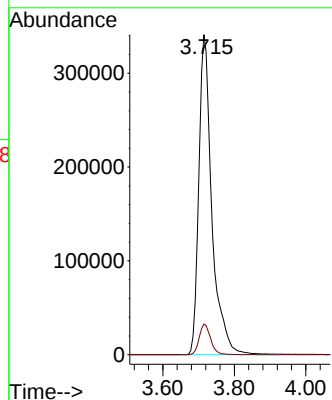
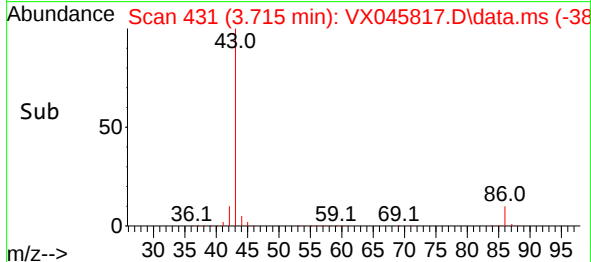
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



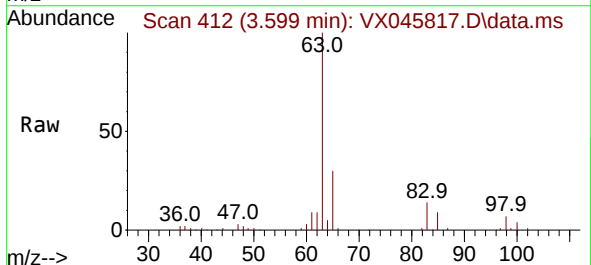
Tgt Ion: 43 Resp: 865000
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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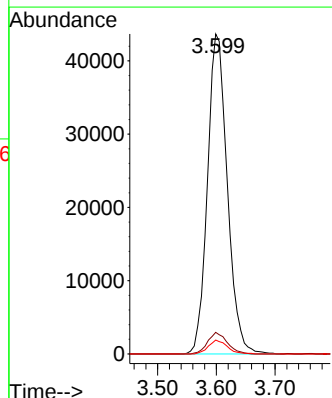
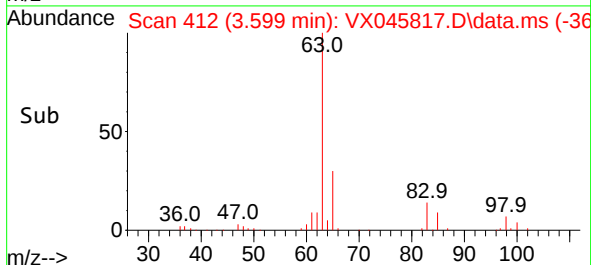
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

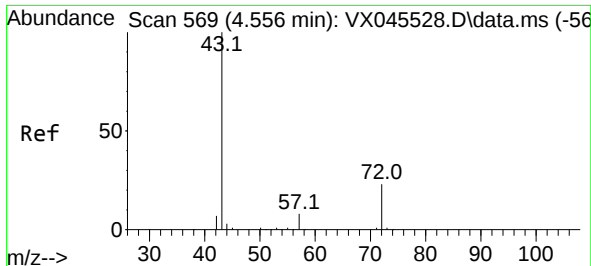


#24
 1,1-Dichloroethane
 Concen: 52.132 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045817.D
 Acq: 17 Apr 2025 10:44



Tgt Ion: 63 Resp: 102585
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.3 2.2 6.6





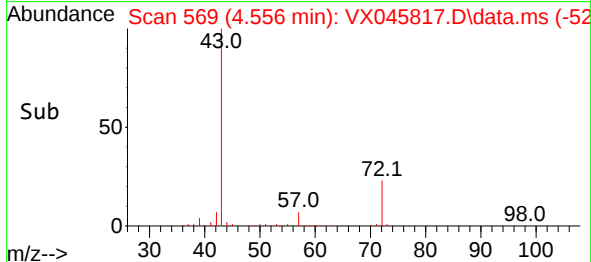
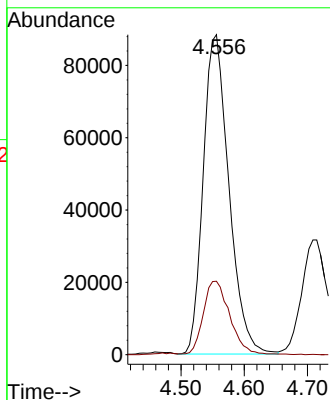
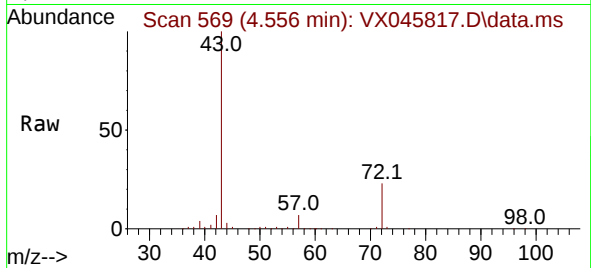
#25
2-Butanone
Concen: 292.849 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 249620
Ion Ratio Lower Upper
43 100
72 22.8 18.6 28.0

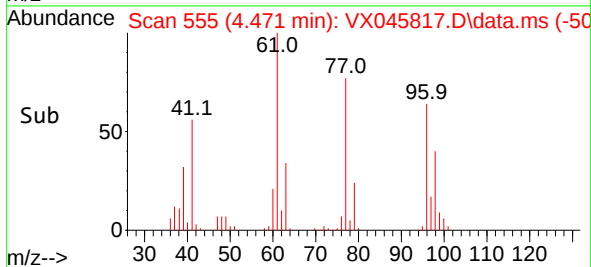
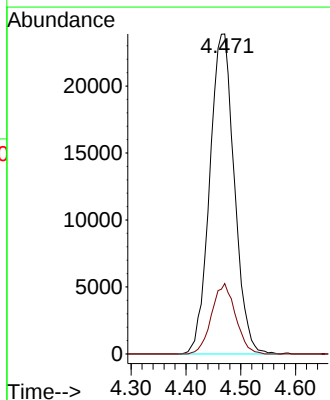
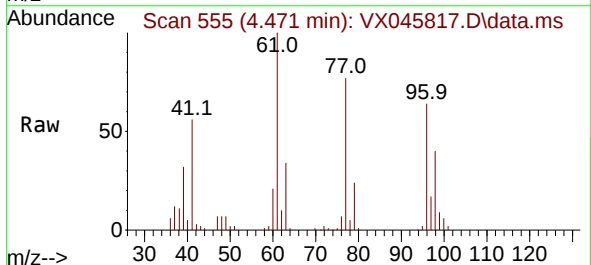
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#26
2,2-Dichloropropane
Concen: 58.606 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

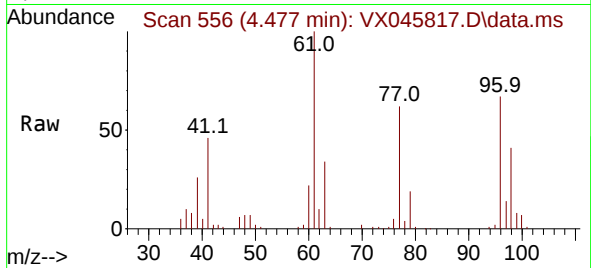
Tgt Ion: 77 Resp: 74510
Ion Ratio Lower Upper
77 100
97 21.4 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 53.203 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045817.D
 Acq: 17 Apr 2025 10:44

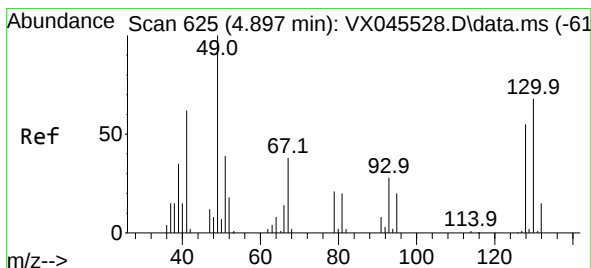
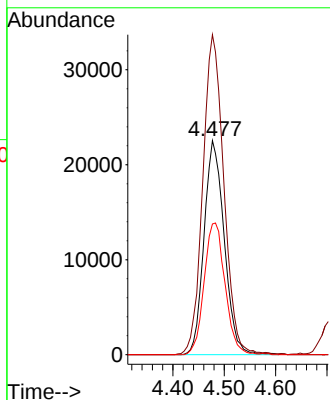
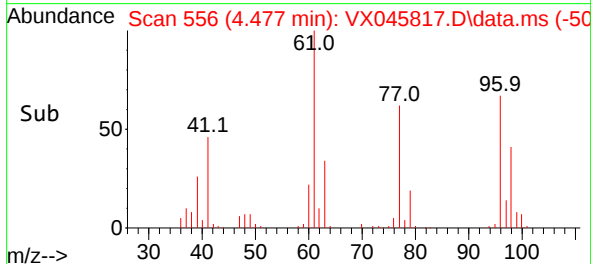
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



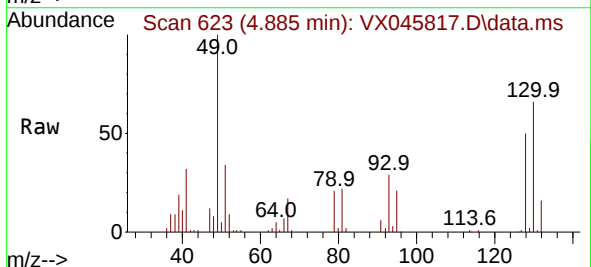
Tgt Ion: 96 Resp: 61648
 Ion Ratio Lower Upper
 96 100
 61 155.4 0.0 313.2
 98 63.5 0.0 126.4

Manual Integrations
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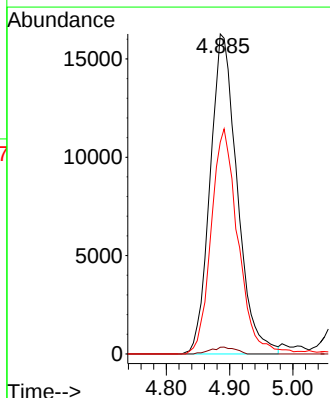
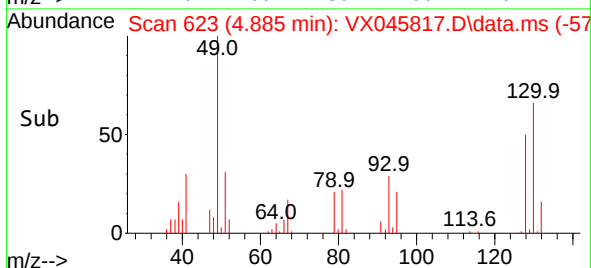
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

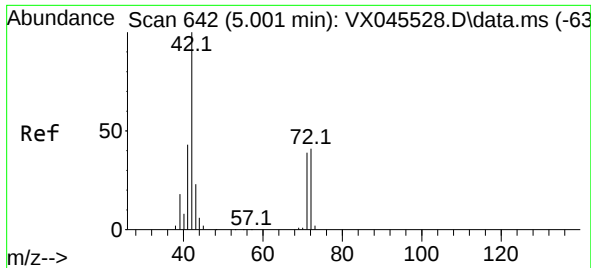


#28
 Bromochloromethane
 Concen: 50.885 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX045817.D
 Acq: 17 Apr 2025 10:44



Tgt Ion: 49 Resp: 48388
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 69.8 54.6 81.8





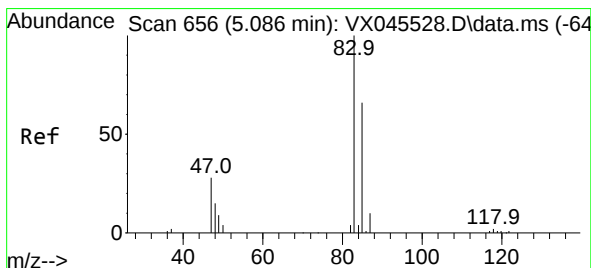
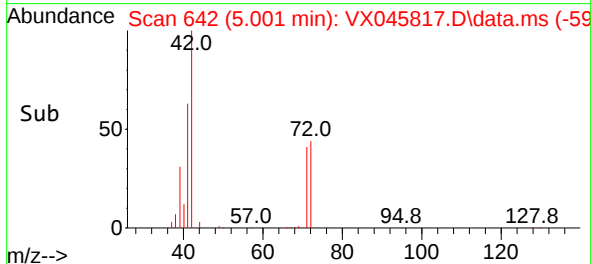
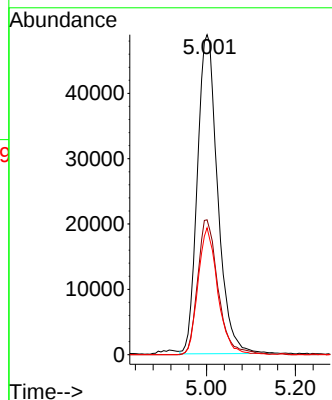
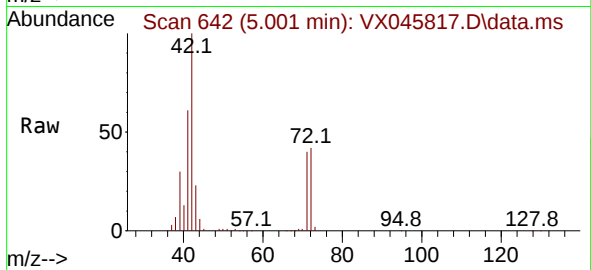
#29
Tetrahydrofuran
Concen: 281.039 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 155314
Ion Ratio Lower Upper
42 100
72 42.6 33.4 50.0
71 38.7 31.4 47.0

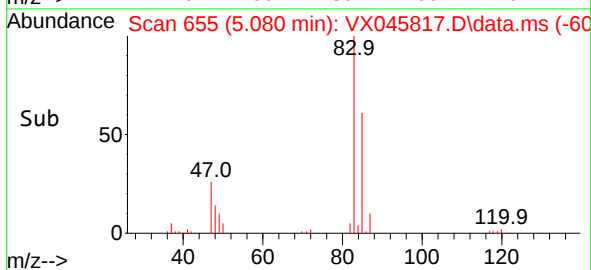
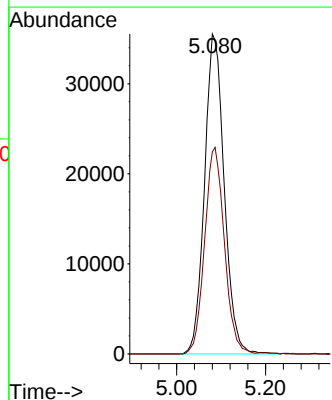
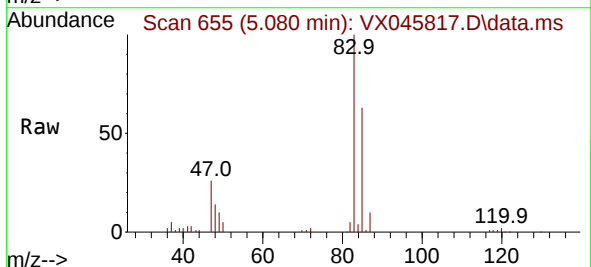
Manual Integrations
APPROVED

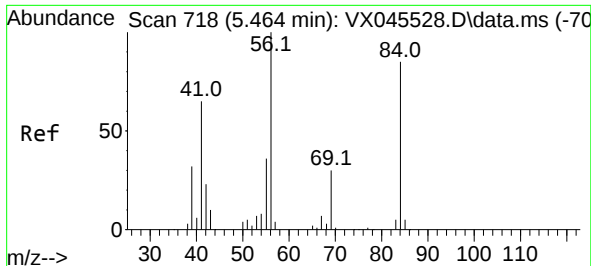
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#30
Chloroform
Concen: 54.046 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 83 Resp: 109432
Ion Ratio Lower Upper
83 100
85 63.1 52.8 79.2





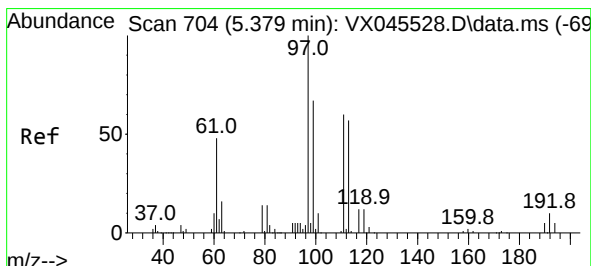
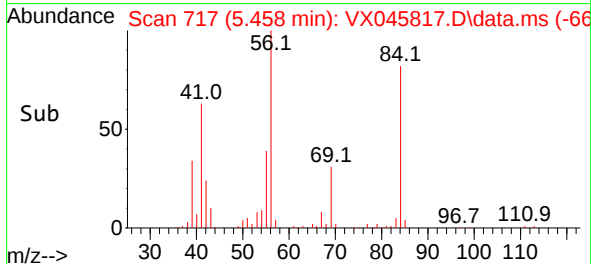
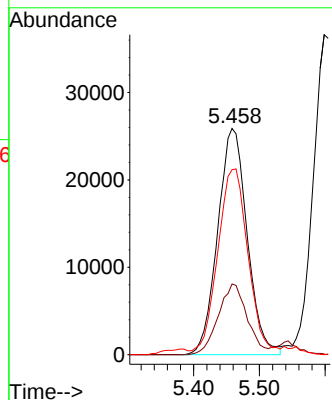
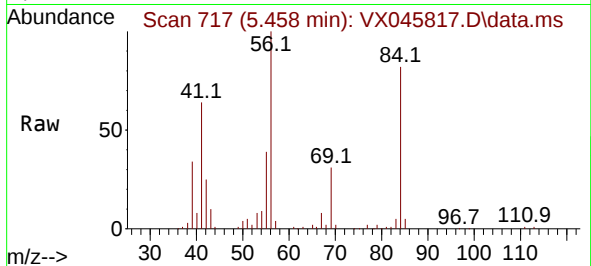
#31
Cyclohexane
Concen: 46.457 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8081
Ion Ratio Lower Upper
56 100
69 31.3 23.6 35.4
84 79.2 67.7 101.5

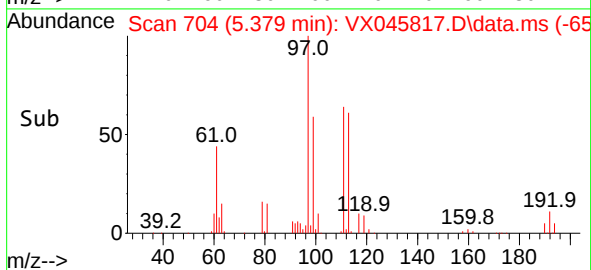
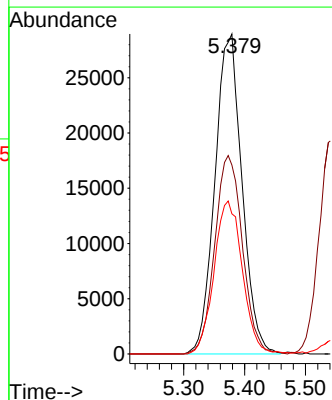
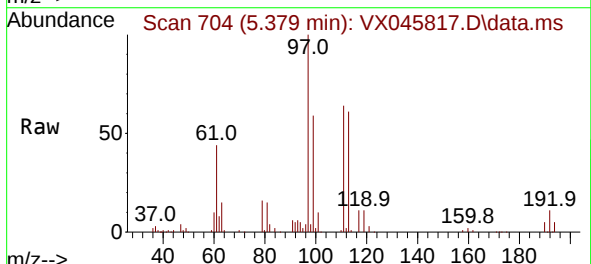
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#32
1,1,1-Trichloroethane
Concen: 52.188 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 97 Resp: 89414
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 50.1 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 53.707 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 76164

Ion Ratio Lower Upper

65 100

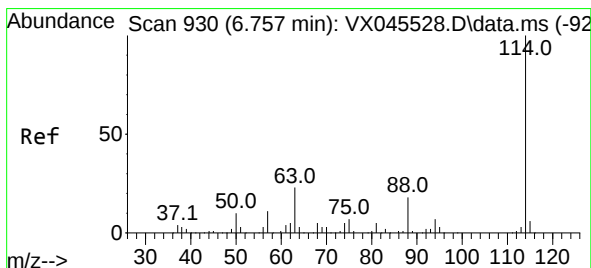
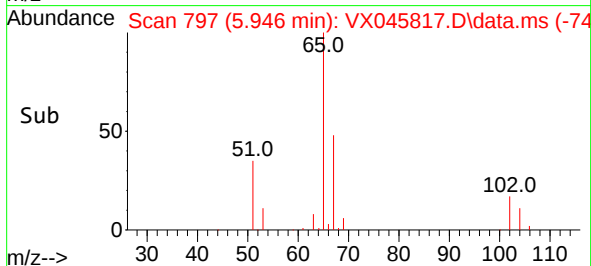
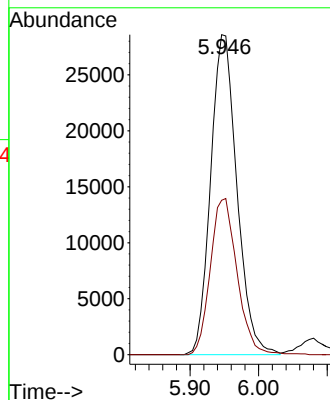
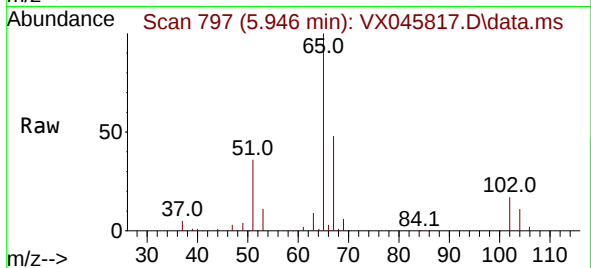
67 49.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

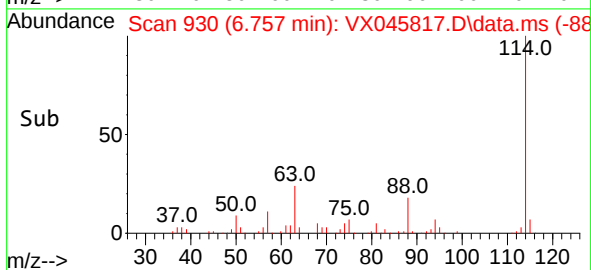
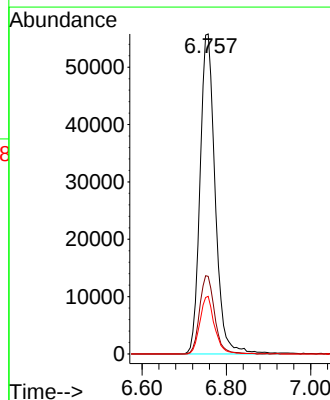
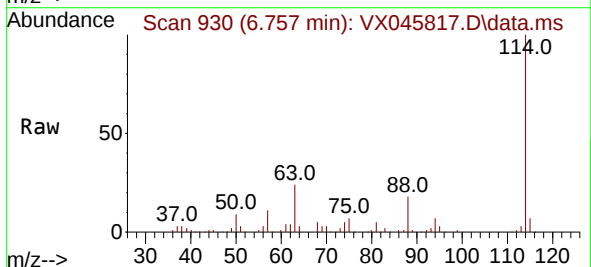
Tgt Ion:114 Resp: 139316

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 18.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.475 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

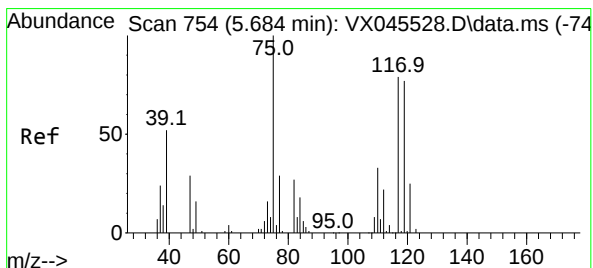
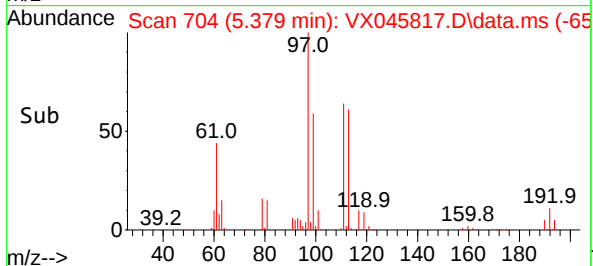
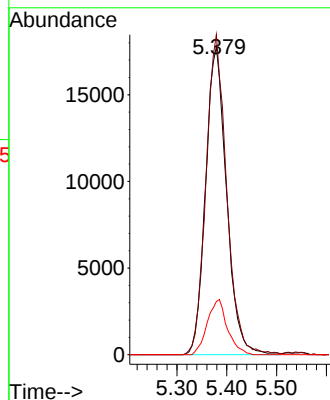
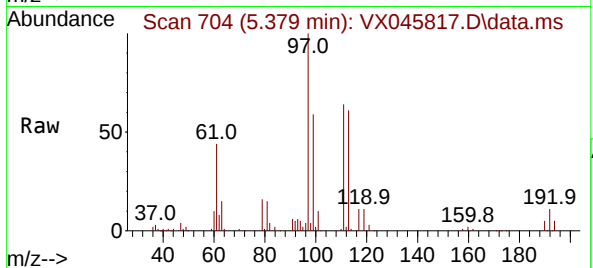
Tgt Ion:	113	Resp:	5186
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	17.2	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#36

1,1-Dichloropropene

Concen: 48.077 ug/l

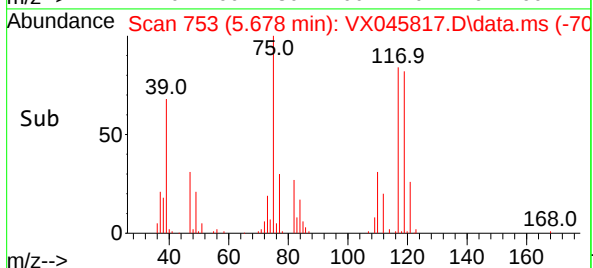
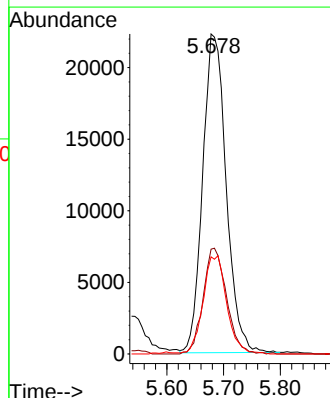
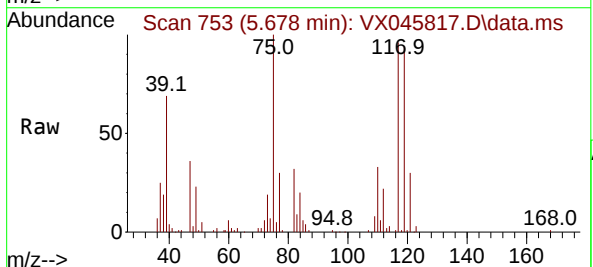
RT: 5.678 min Scan# 753

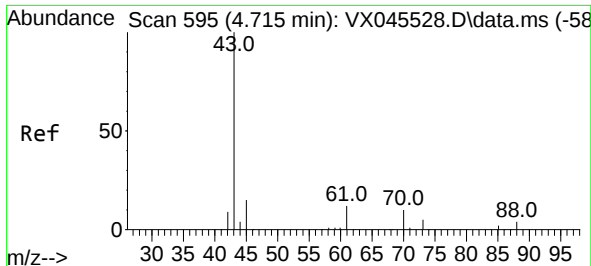
Delta R.T. -0.006 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Tgt Ion:	75	Resp:	64164
Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.9	50.6
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 55.807 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9386

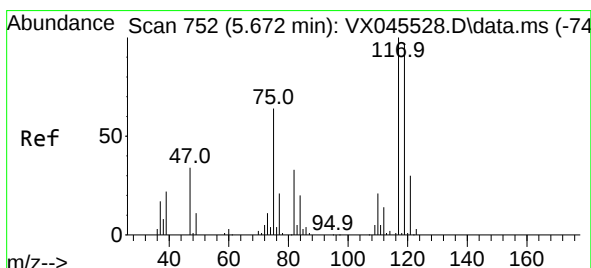
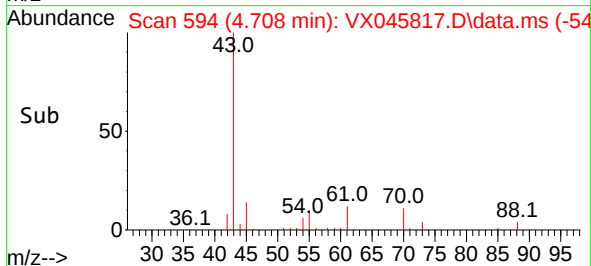
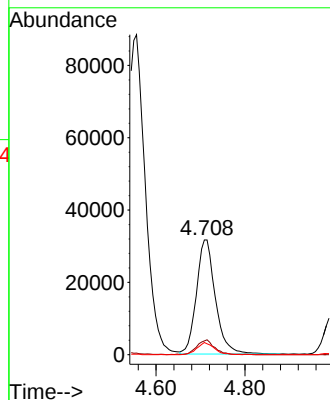
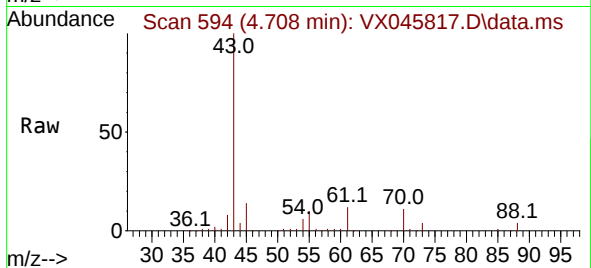
Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.9	14.9
70	9.7	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#38

Carbon Tetrachloride

Concen: 51.425 ug/l

RT: 5.666 min Scan# 751

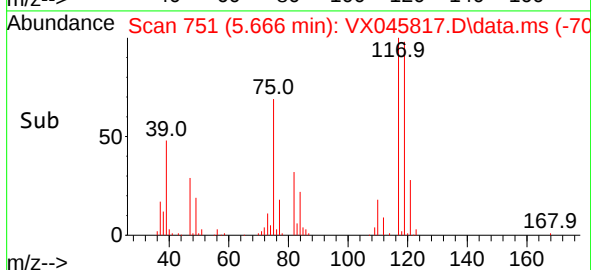
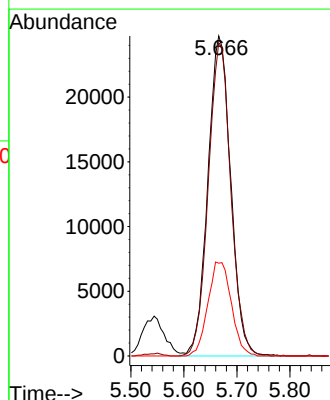
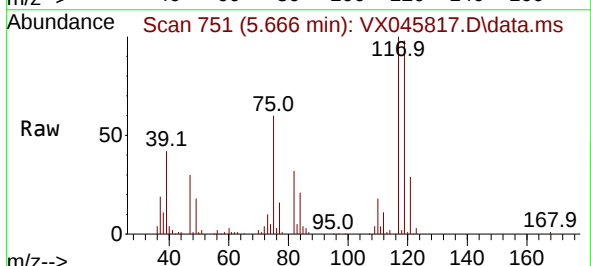
Delta R.T. -0.006 min

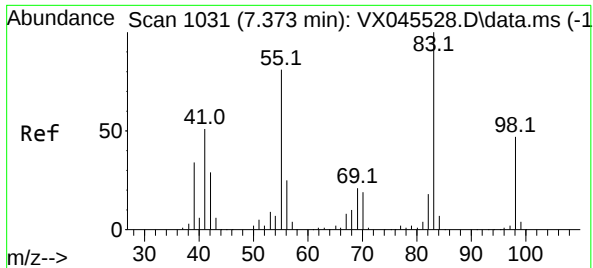
Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Tgt Ion:117 Resp: 74175

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.9	115.3
121	29.0	24.2	36.2





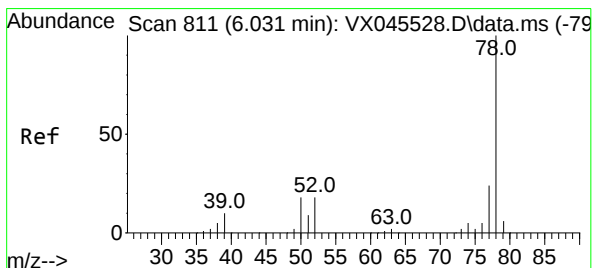
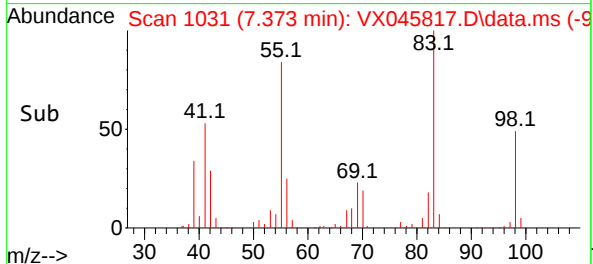
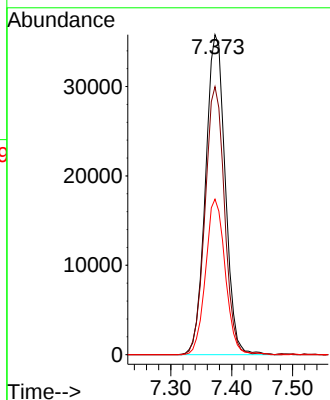
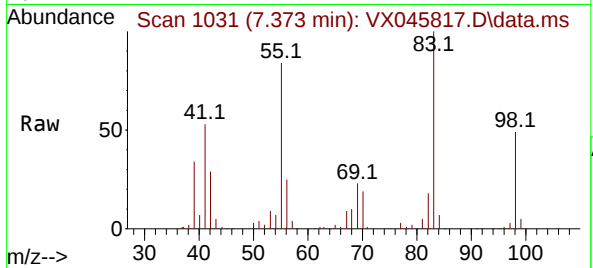
#39
Methylcyclohexane
Concen: 49.131 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 80370
Ion Ratio Lower Upper
83 100
55 83.8 64.9 97.3
98 48.6 37.4 56.0

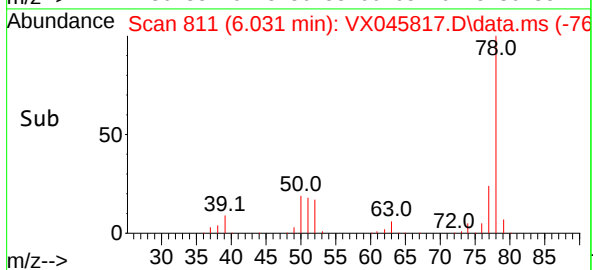
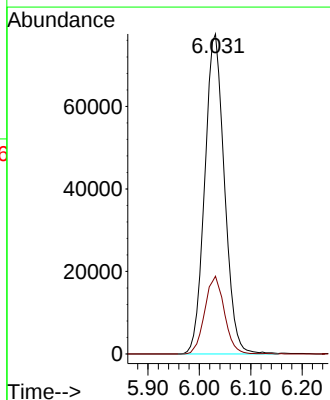
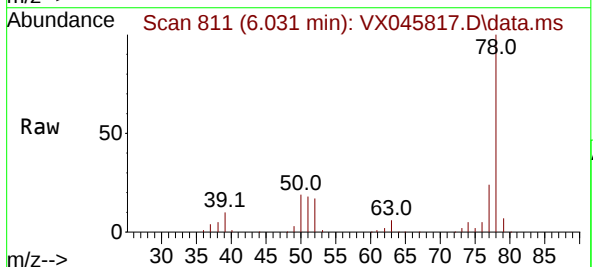
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#40
Benzene
Concen: 50.581 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

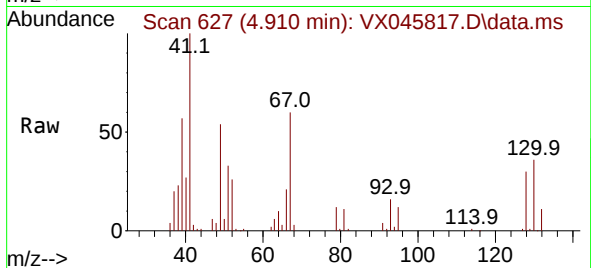
Tgt Ion: 78 Resp: 206168
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 59.198 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

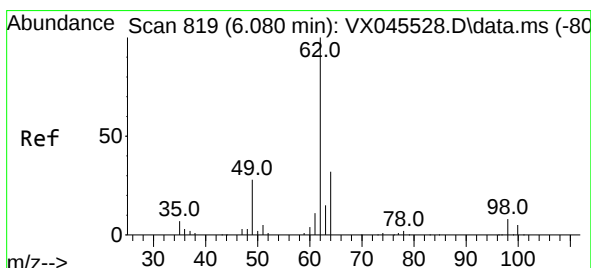
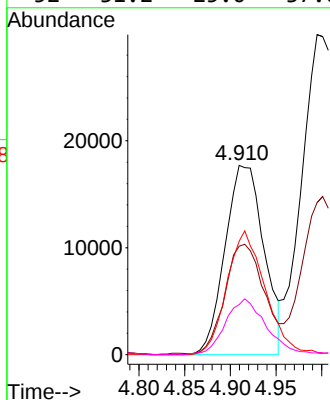
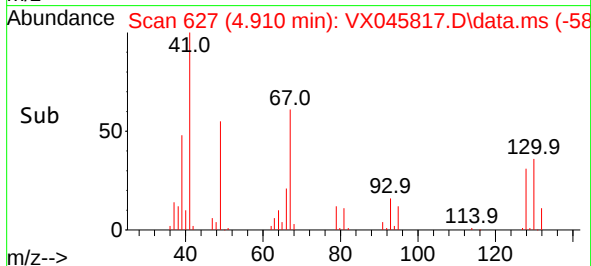
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5253
Ion Ratio Lower Upper
41 100
39 59.6 47.0 70.6
67 65.2 53.2 79.8
52 31.2 25.0 37.6

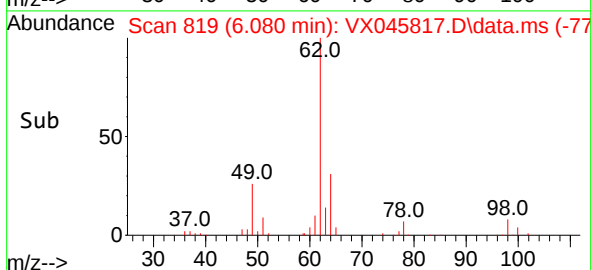
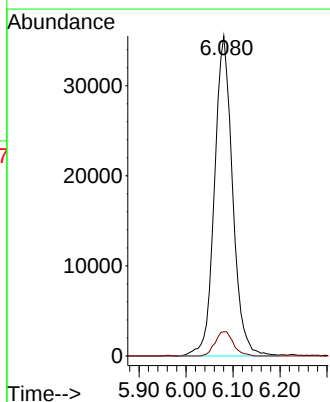
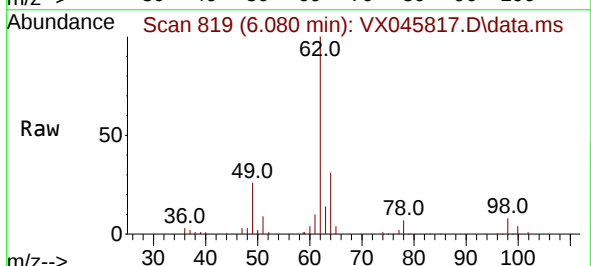
Manual Integrations
APPROVED

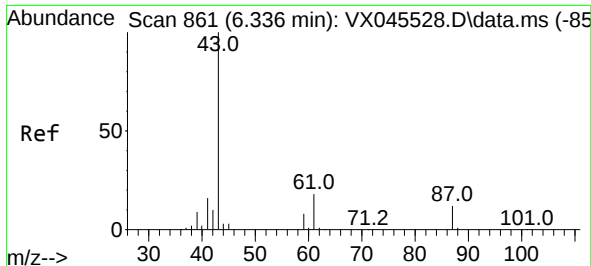
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#42
1,2-Dichloroethane
Concen: 56.560 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 62 Resp: 95218
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 58.890 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15011

Ion Ratio Lower Upper

43 100

61 17.6 14.1 21.1

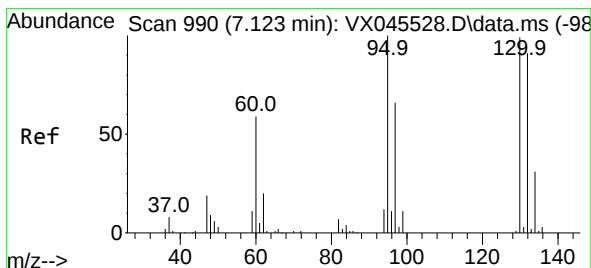
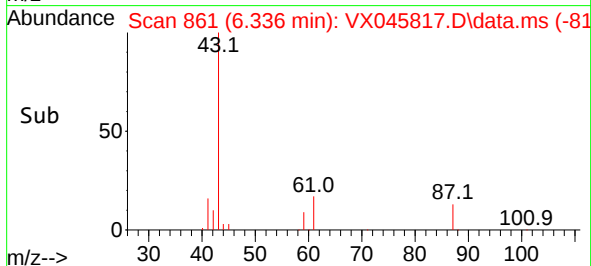
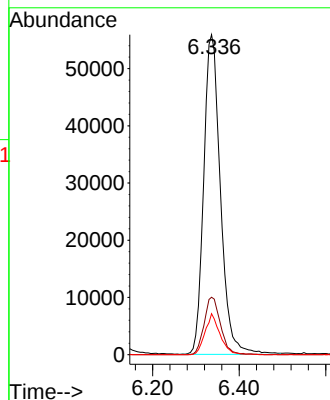
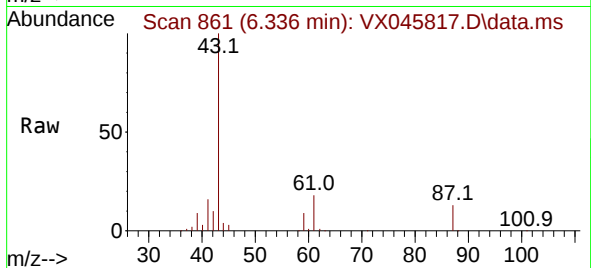
87 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#44

Trichloroethene

Concen: 50.160 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045817.D

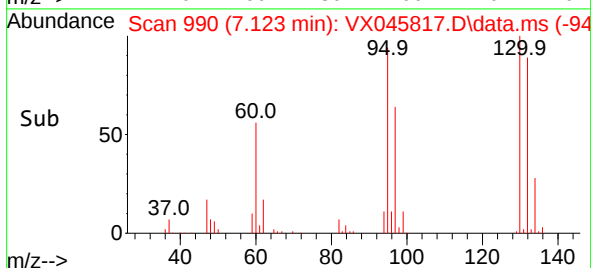
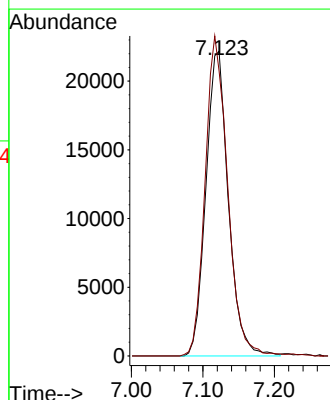
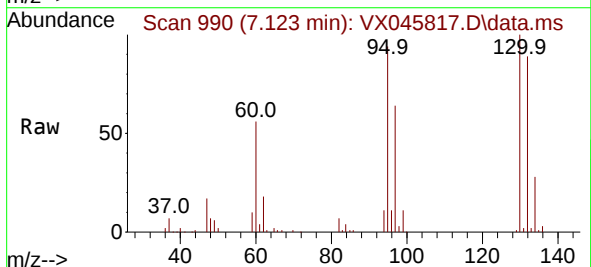
Acq: 17 Apr 2025 10:44

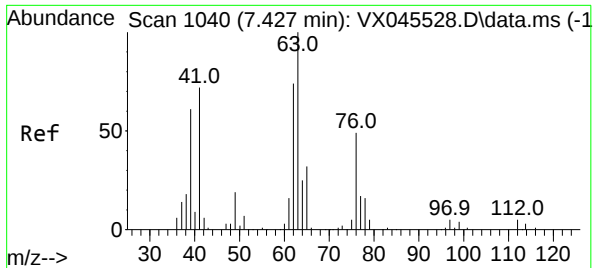
Tgt Ion:130 Resp: 48595

Ion Ratio Lower Upper

130 100

95 93.5 0.0 202.0





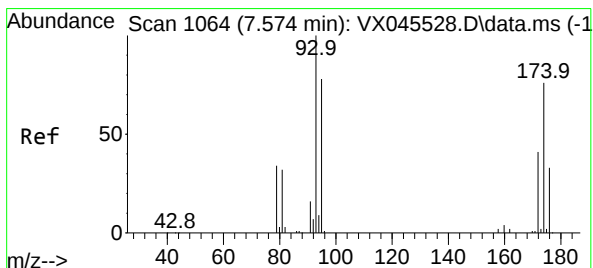
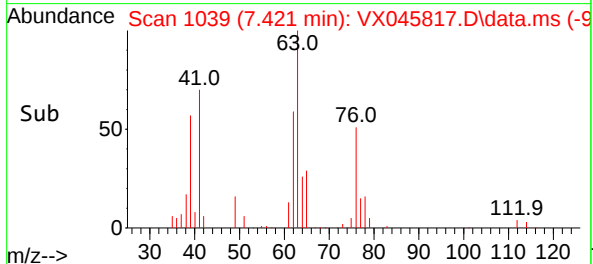
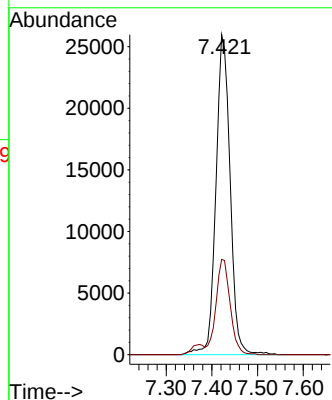
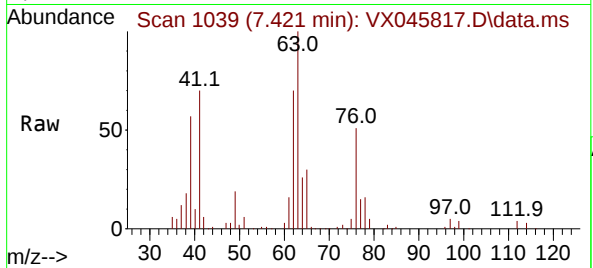
#45
1,2-Dichloropropane
Concen: 55.186 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 56124
Ion Ratio Lower Upper
63 100
65 29.7 25.8 38.6

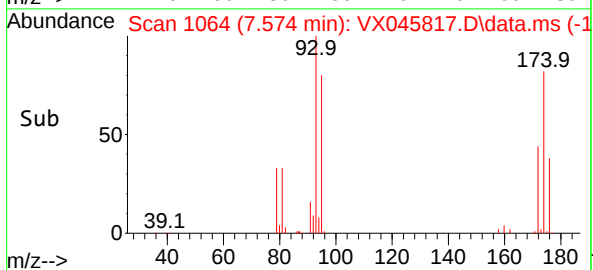
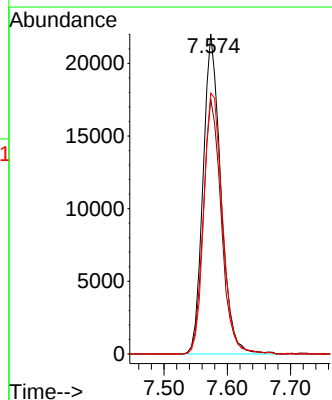
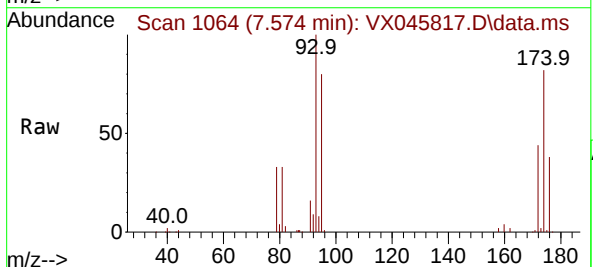
Manual Integrations
APPROVED

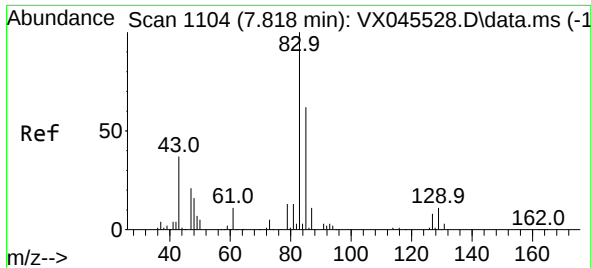
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#46
Dibromomethane
Concen: 54.979 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 93 Resp: 42922
Ion Ratio Lower Upper
93 100
95 81.3 64.8 97.2
174 85.6 65.4 98.0





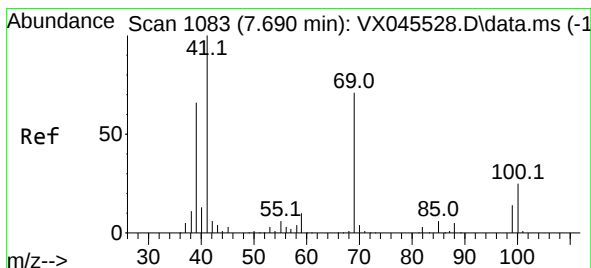
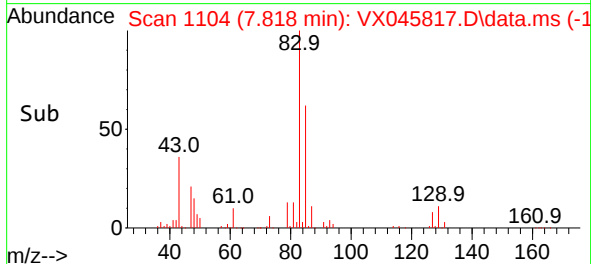
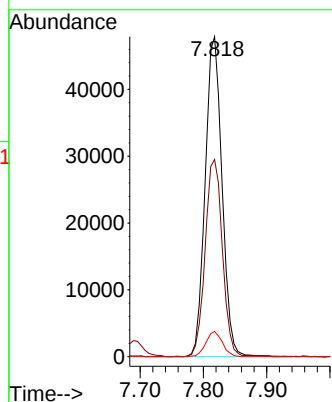
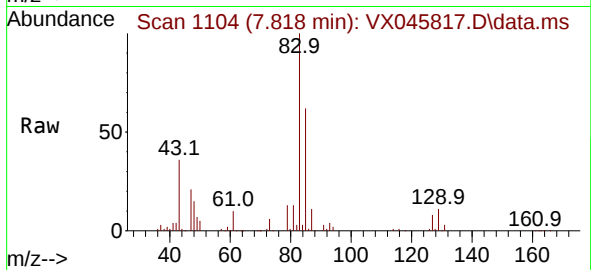
#47
Bromodichloromethane
Concen: 56.974 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8882
Ion Ratio Lower Upper
83 100
85 61.7 49.7 74.5
127 7.9 6.1 9.1

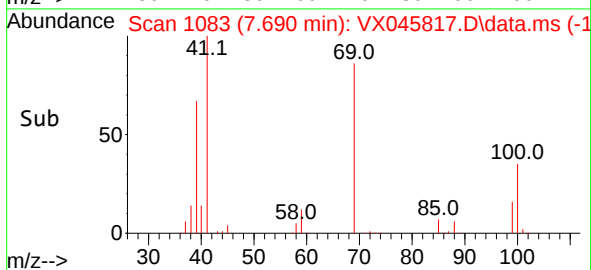
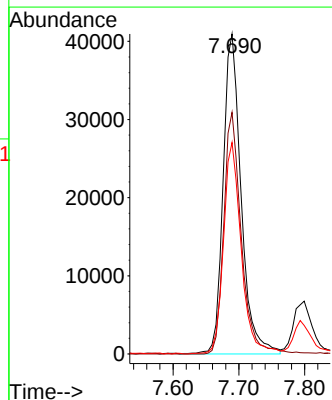
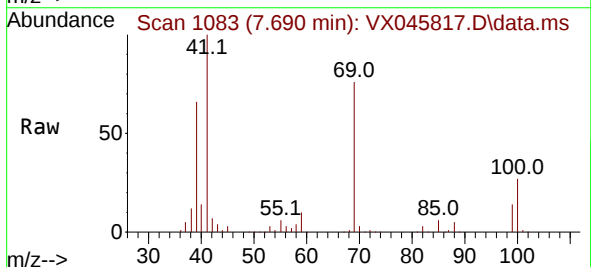
Manual Integrations
APPROVED

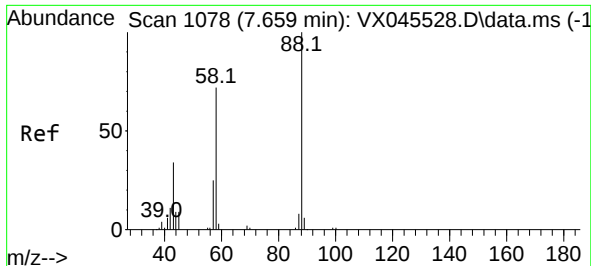
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#48
Methyl methacrylate
Concen: 59.223 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

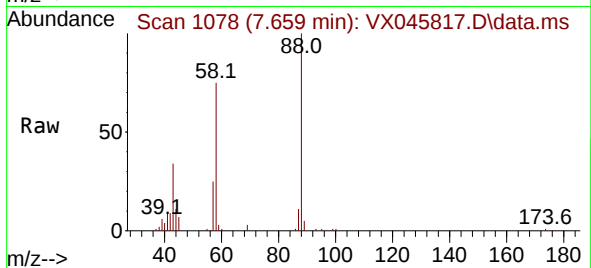
Tgt Ion: 41 Resp: 77946
Ion Ratio Lower Upper
41 100
69 73.7 58.2 87.2
39 65.2 53.6 80.4





#49
1,4-Dioxane
Concen: 1174.797 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

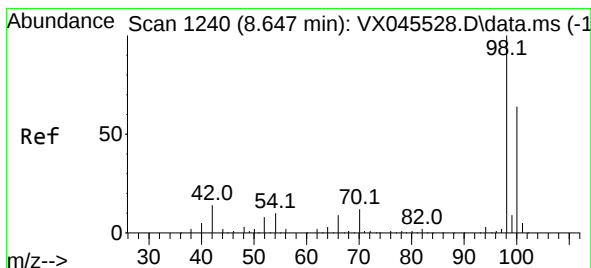
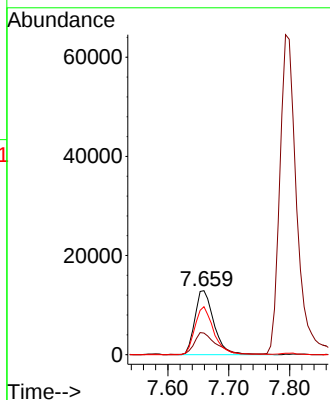
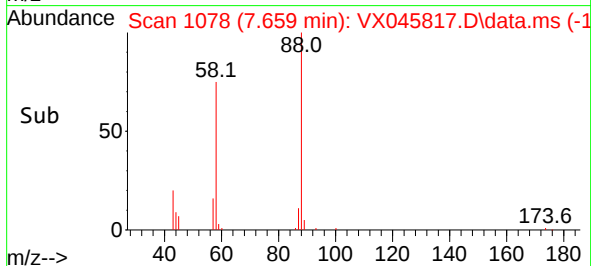
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 27975
Ion Ratio Lower Upper
88 100
43 41.0 32.2 48.4
58 74.4 58.6 88.0

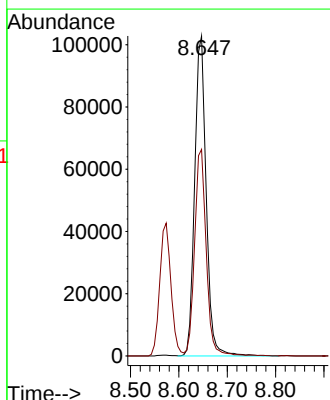
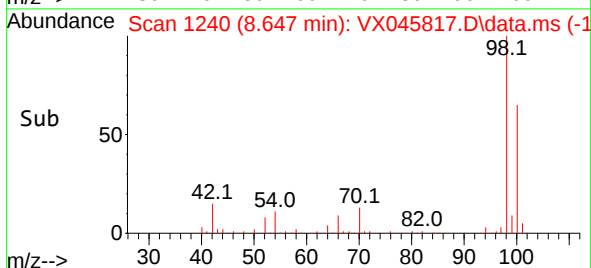
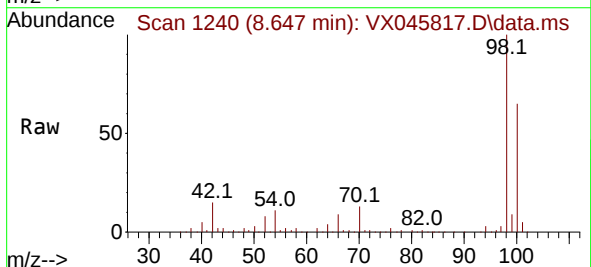
Manual Integrations
APPROVED

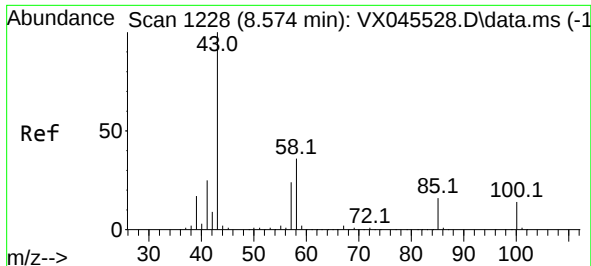
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#50
Toluene-d8
Concen: 49.122 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 98 Resp: 169474
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





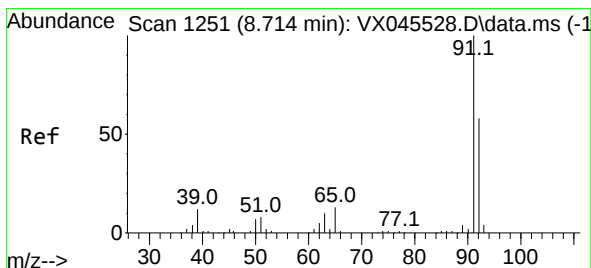
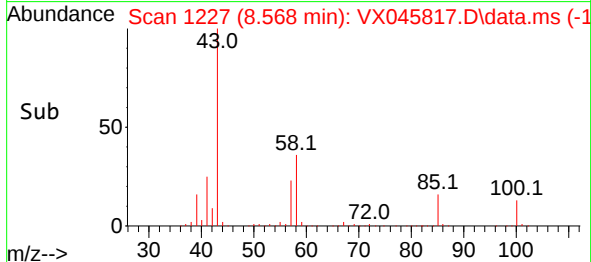
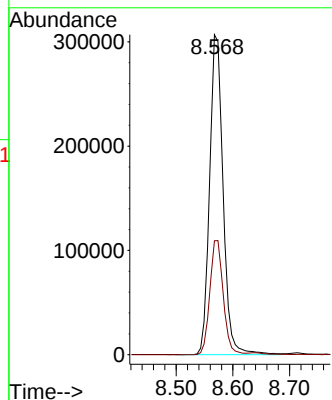
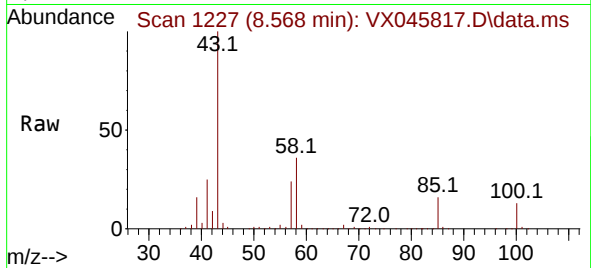
#51
4-Methyl-2-Pentanone
Concen: 300.845 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 50838
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7

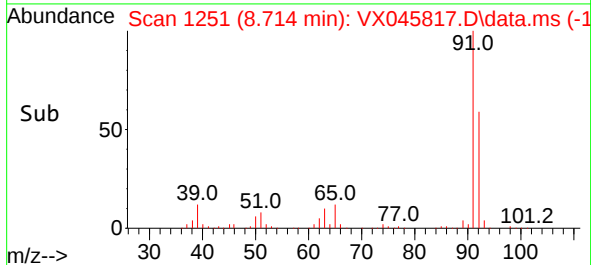
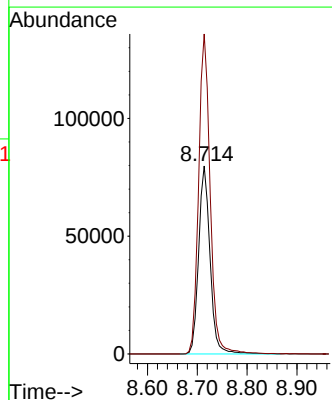
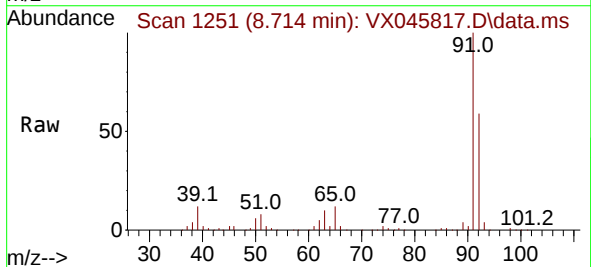
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Toluene
Concen: 51.437 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 92 Resp: 126864
Ion Ratio Lower Upper
92 100
91 171.9 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 52.618 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 79079

Ion Ratio Lower Upper

75 100

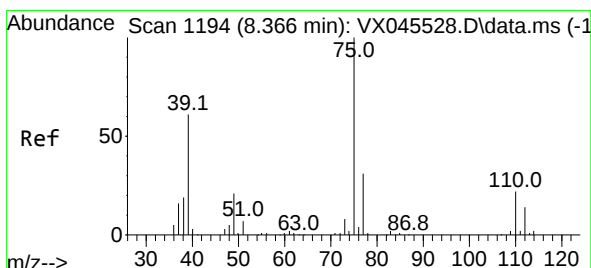
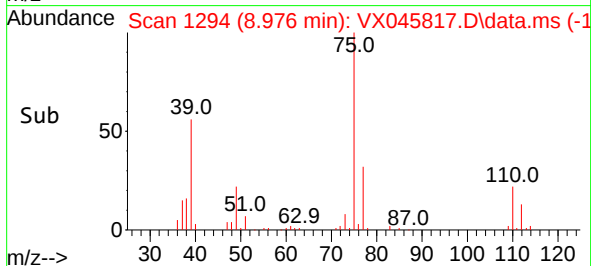
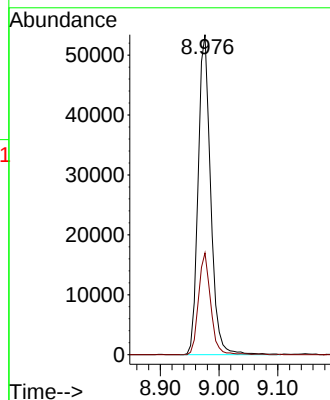
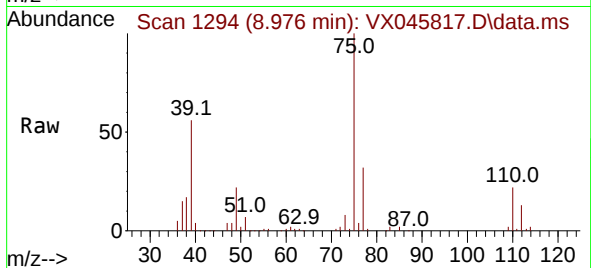
77 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#54

cis-1,3-Dichloropropene

Concen: 58.917 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

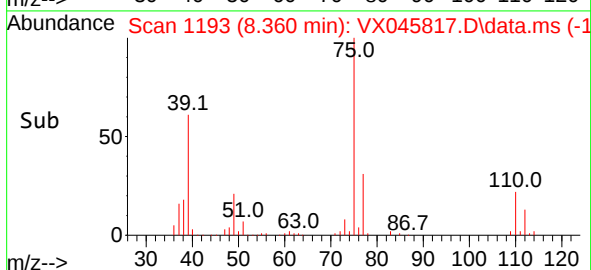
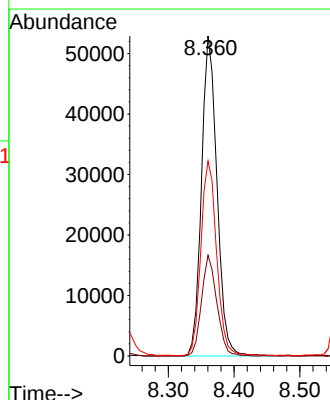
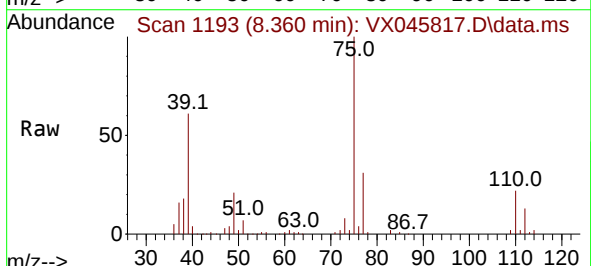
Tgt Ion: 75 Resp: 86321

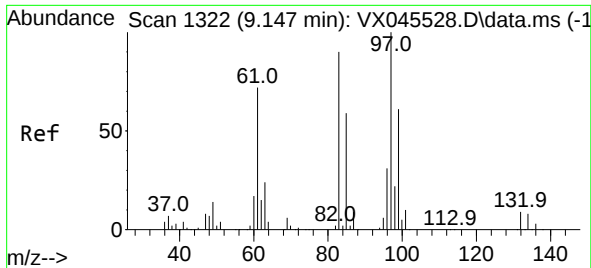
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 60.8 48.4 72.6





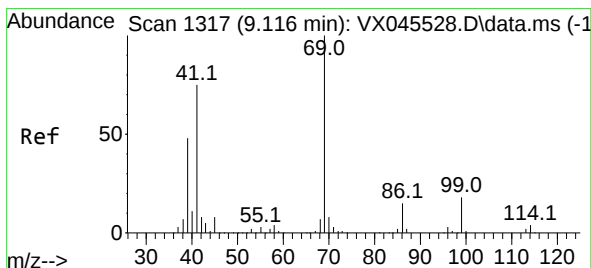
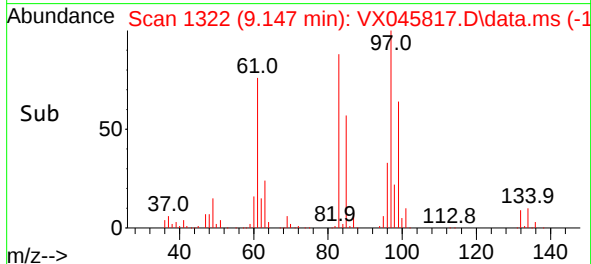
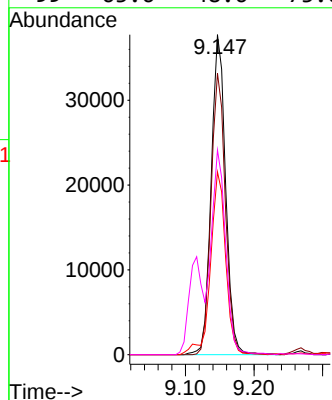
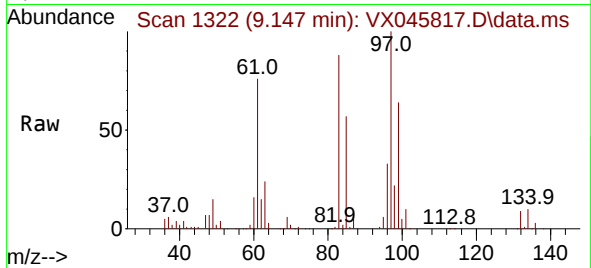
#55
1,1,2-Trichloroethane
Concen: 56.366 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 55398
Ion Ratio Lower Upper
97 100
83 87.9 71.8 107.8
85 57.1 47.0 70.6
99 63.6 48.6 73.0

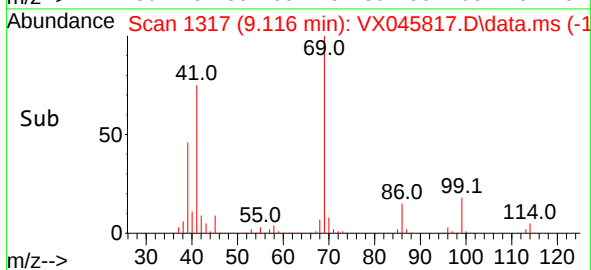
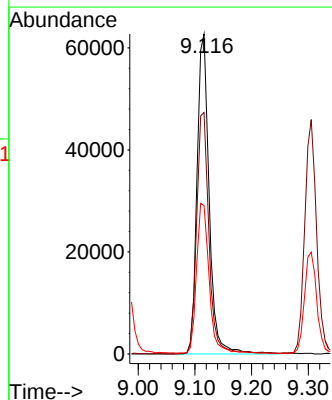
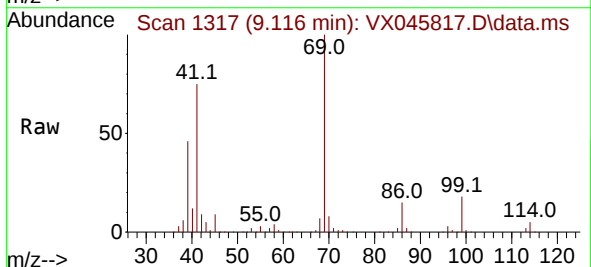
Manual Integrations
APPROVED

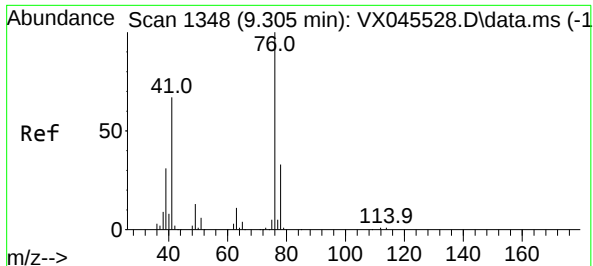
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#56
Ethyl methacrylate
Concen: 61.349 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion: 69 Resp: 93315
Ion Ratio Lower Upper
69 100
41 76.7 61.3 91.9
39 48.9 40.2 60.2





#57

1,3-Dichloropropane

Concen: 56.246 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9626

Ion Ratio Lower Upper

76 100

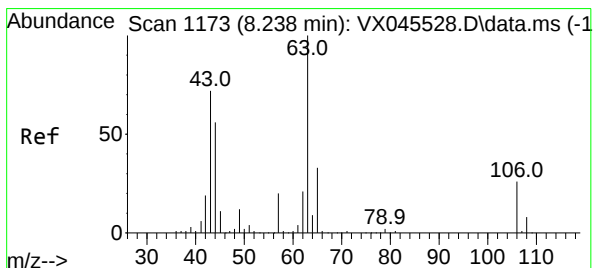
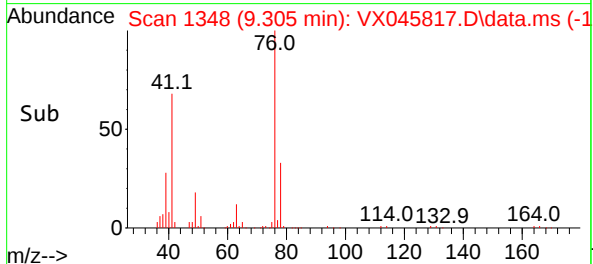
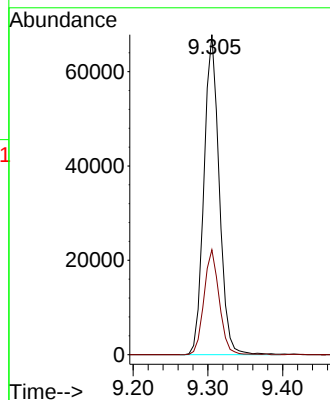
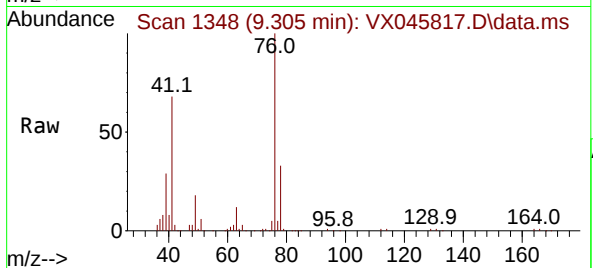
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 304.834 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045817.D

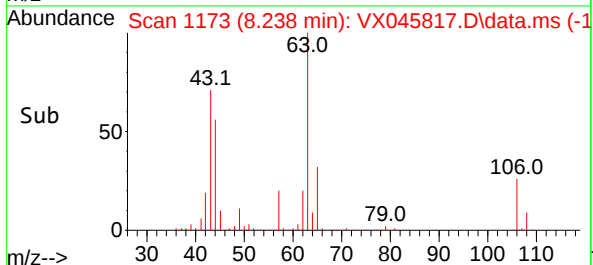
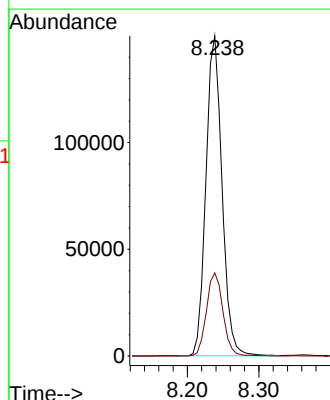
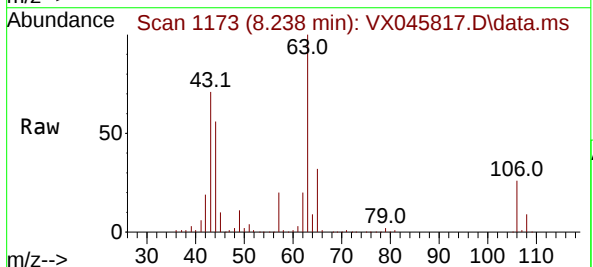
Acq: 17 Apr 2025 10:44

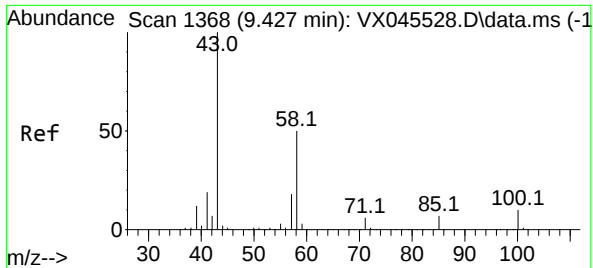
Tgt Ion: 63 Resp: 234555

Ion Ratio Lower Upper

63 100

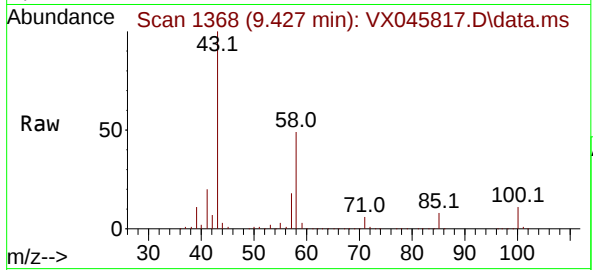
106 26.5 21.0 31.6





#59
2-Hexanone
Concen: 300.231 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

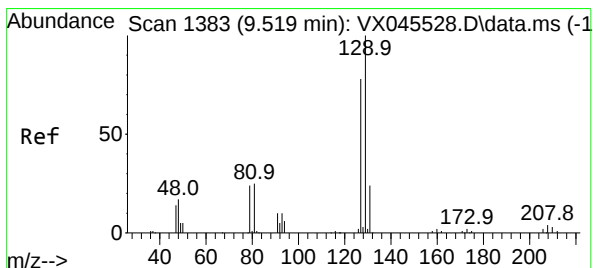
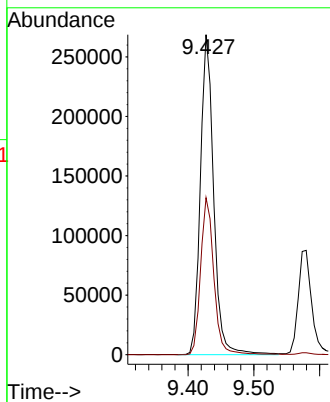
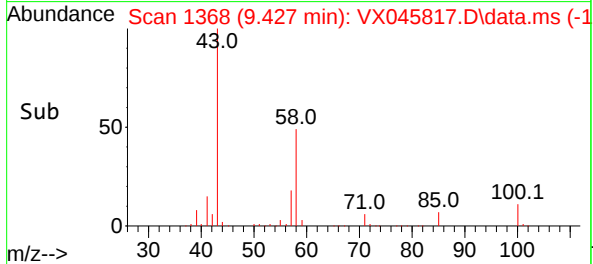
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 375702
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6

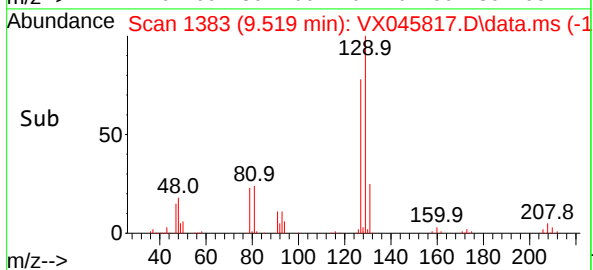
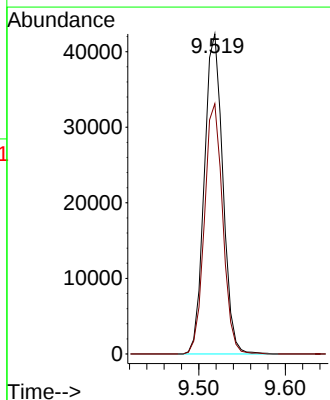
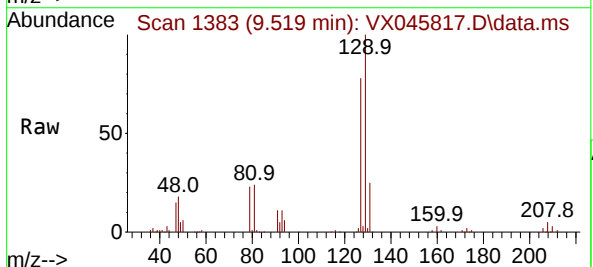
Manual Integrations
APPROVED

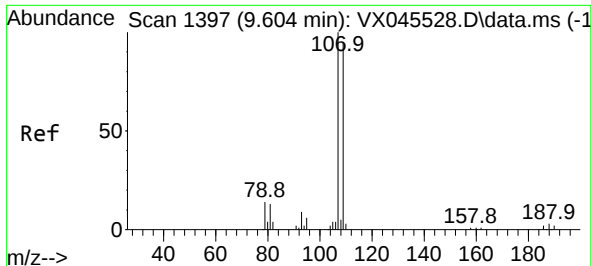
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#60
Dibromochloromethane
Concen: 58.670 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

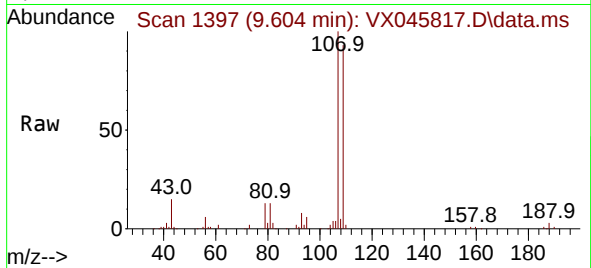
Tgt Ion:129 Resp: 62863
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 57.625 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

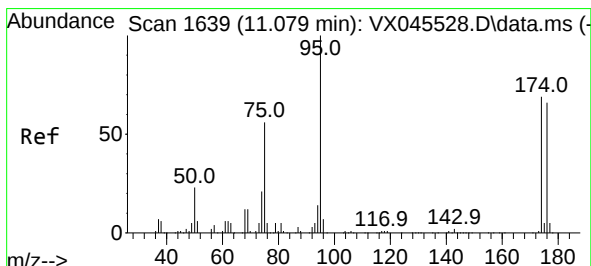
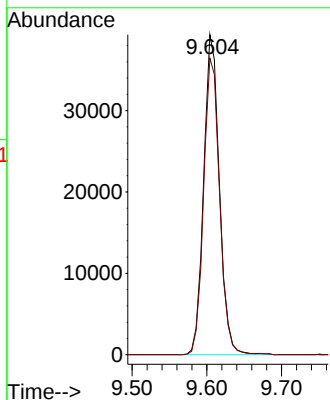
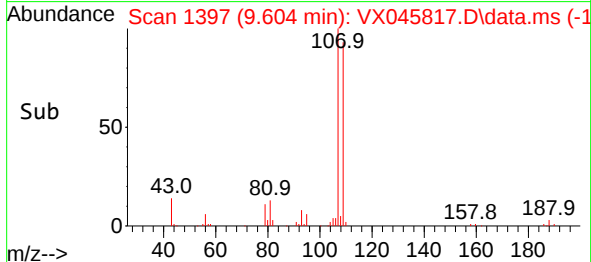
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



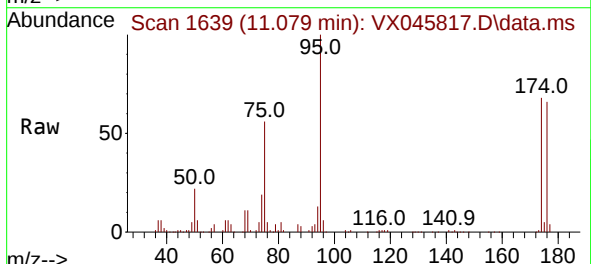
Tgt Ion:107 Resp: 57332
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

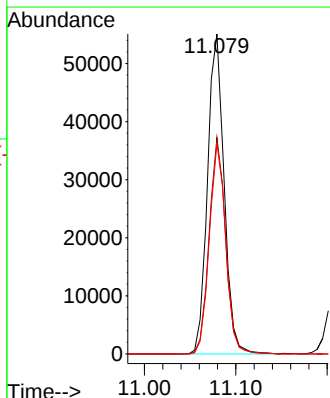
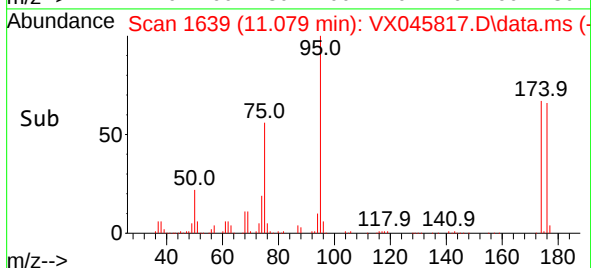
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

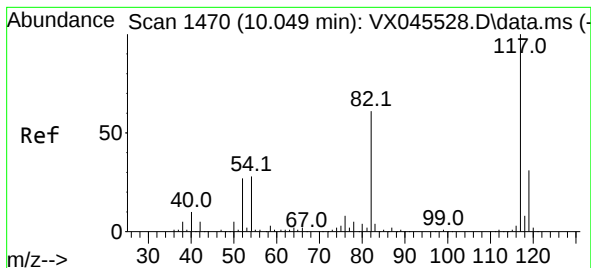


#62
4-Bromofluorobenzene
Concen: 55.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



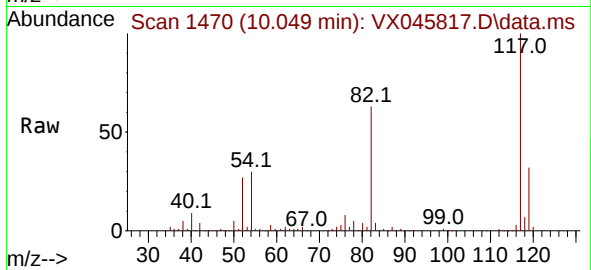
Tgt Ion: 95 Resp: 69210
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

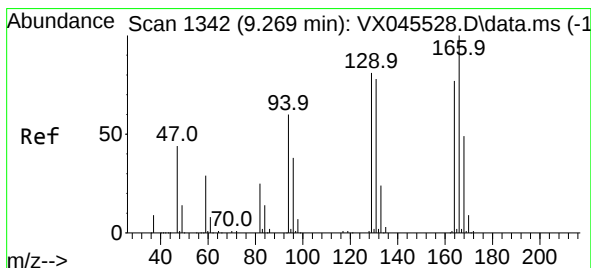
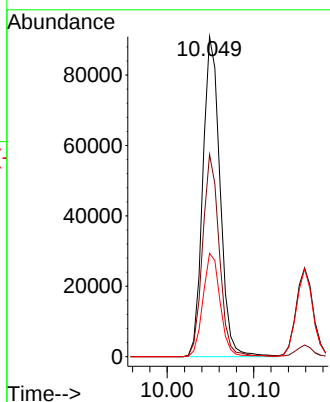
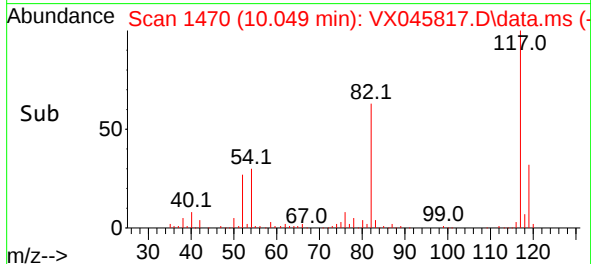
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 125562
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.3 25.1 37.7

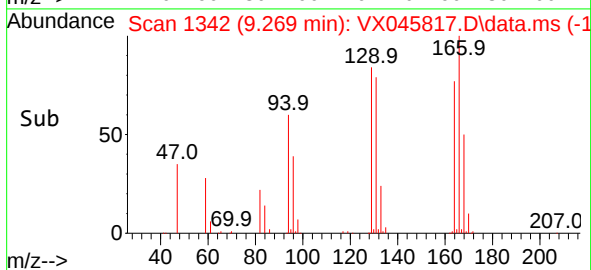
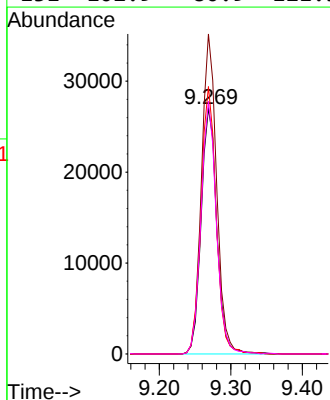
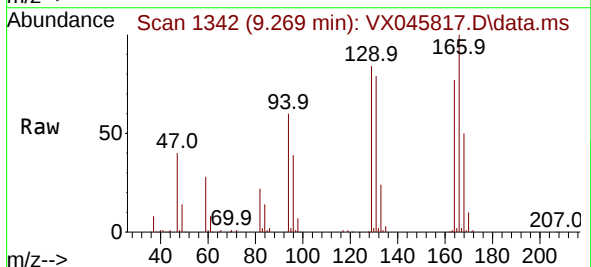
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#64
Tetrachloroethene
Concen: 46.286 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

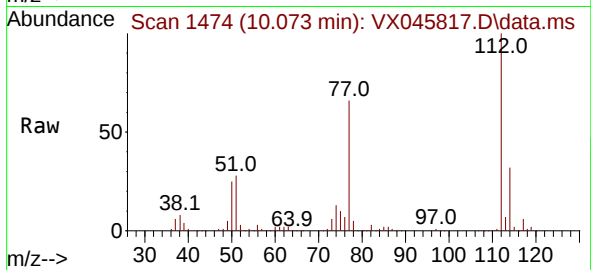
Tgt Ion:164 Resp: 41033
Ion Ratio Lower Upper
164 100
166 130.4 103.8 155.8
129 108.9 84.3 126.5
131 102.9 80.9 121.3





#65
Chlorobenzene
Concen: 52.797 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

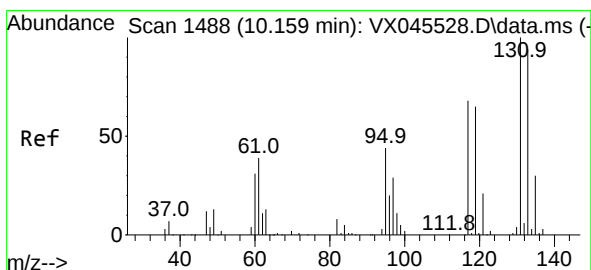
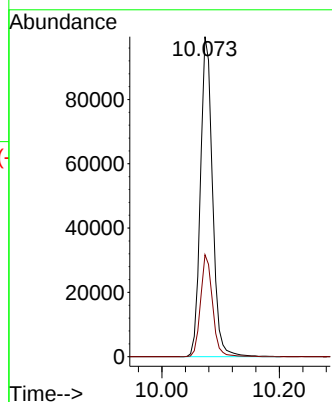
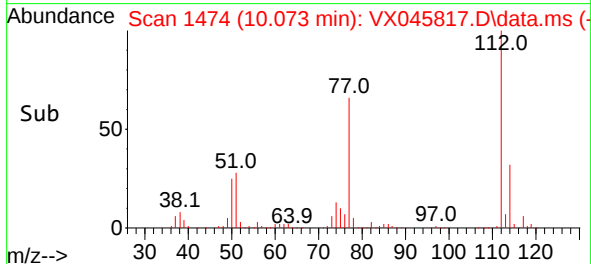
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



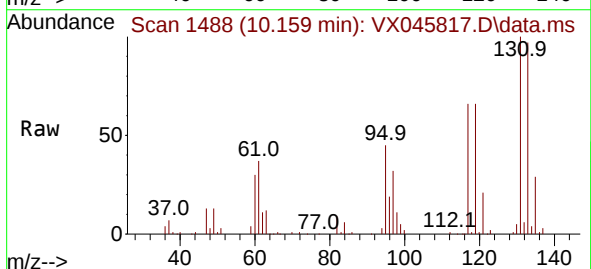
Tgt Ion:112 Resp: 14165
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

Manual Integrations
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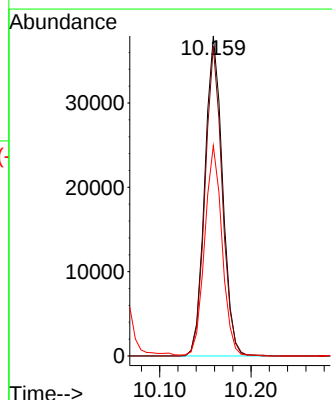
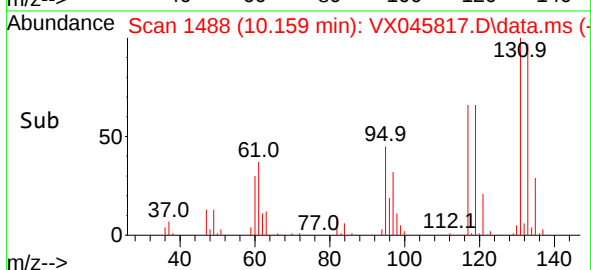
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

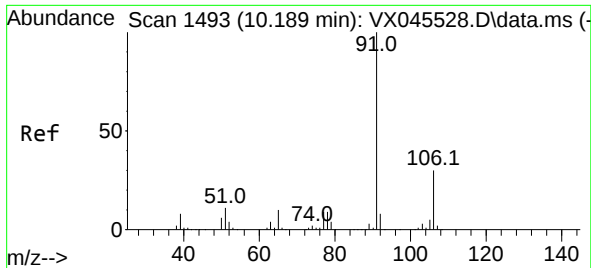


#66
1,1,1,2-Tetrachloroethane
Concen: 54.715 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



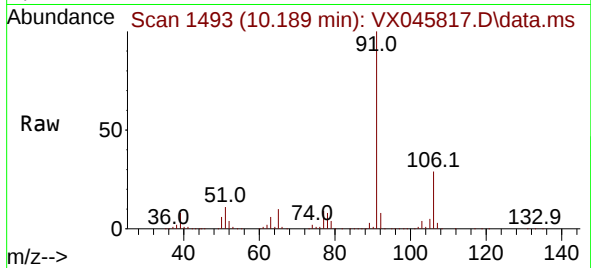
Tgt Ion:131 Resp: 50967
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 64.8 32.9 98.6





#67
Ethyl Benzene
Concen: 51.642 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

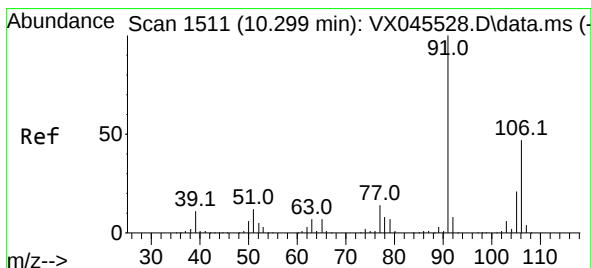
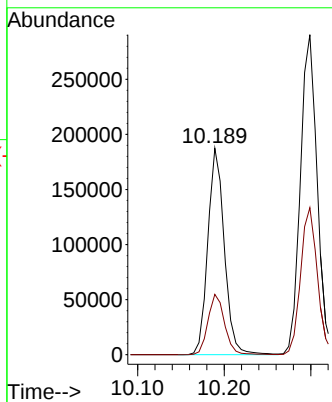
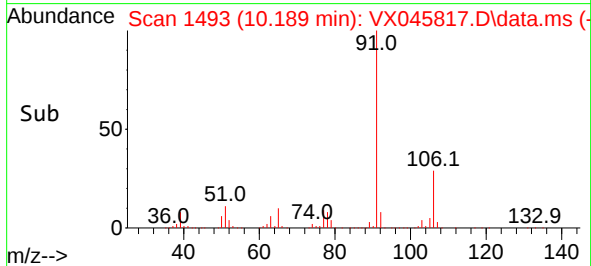
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



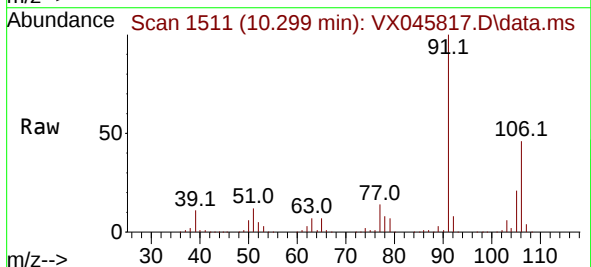
Tgt Ion: 91 Resp: 24815
Ion Ratio Lower Upper
91 100
106 29.2 23.7 35.5

Manual Integrations
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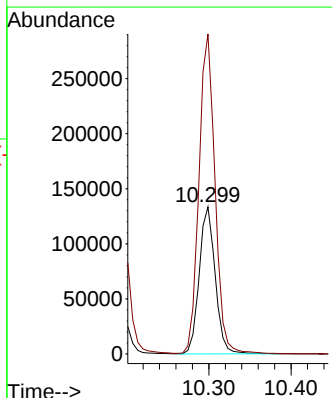
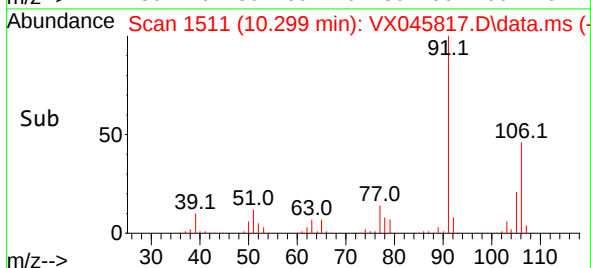
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

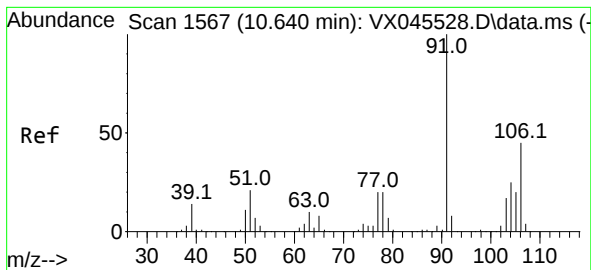


#68
m/p-Xylenes
Concen: 103.646 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



Tgt Ion:106 Resp: 181147
Ion Ratio Lower Upper
106 100
91 218.6 172.6 258.8





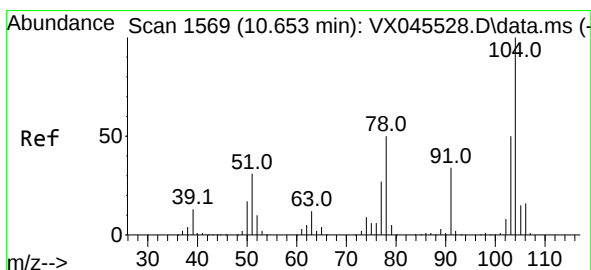
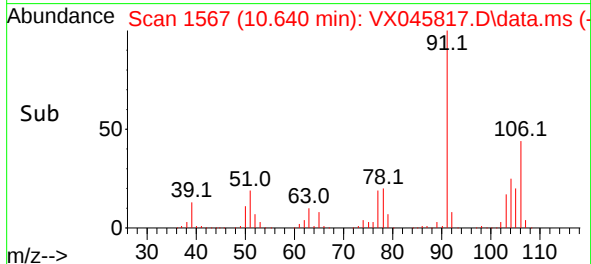
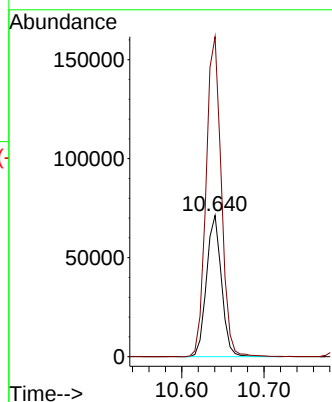
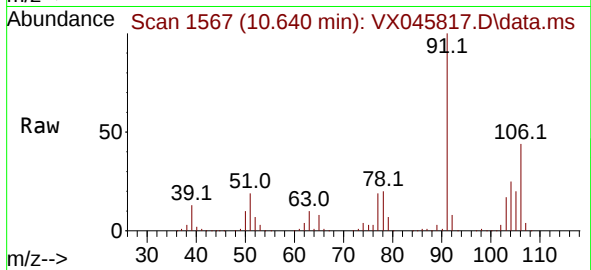
#69
o-Xylene
Concen: 52.447 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 90298
Ion Ratio Lower Upper
106 100
91 230.1 113.6 340.6

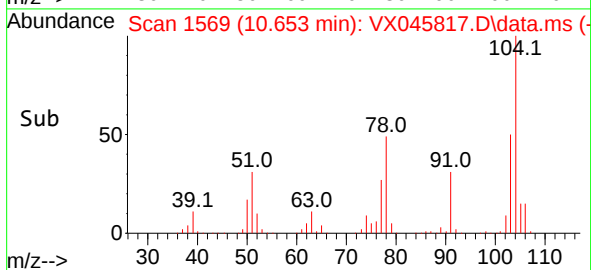
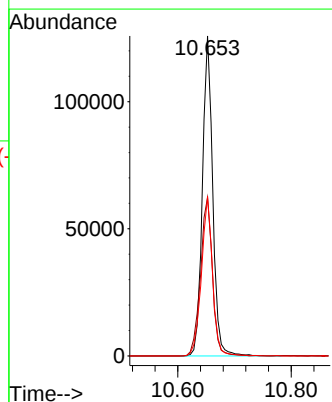
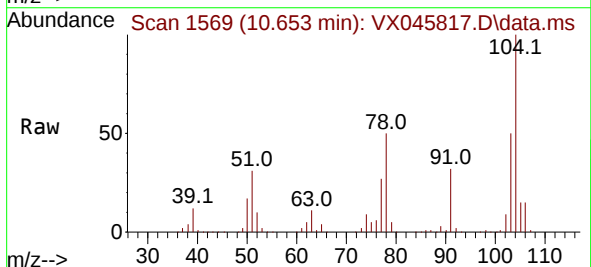
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#70
Styrene
Concen: 55.836 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

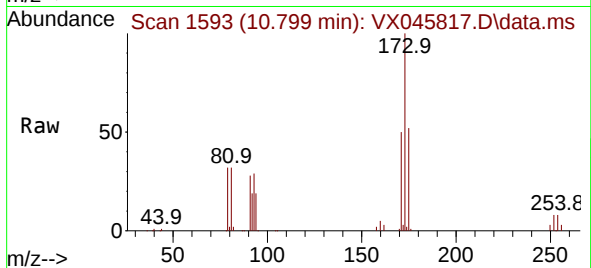
Tgt Ion:104 Resp: 158666
Ion Ratio Lower Upper
104 100
78 57.4 45.4 68.2
103 54.1 43.8 65.8





#71
Bromoform
Concen: 58.820 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

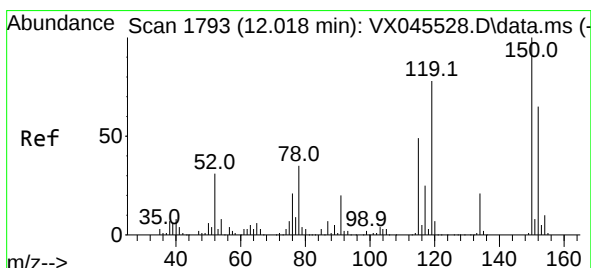
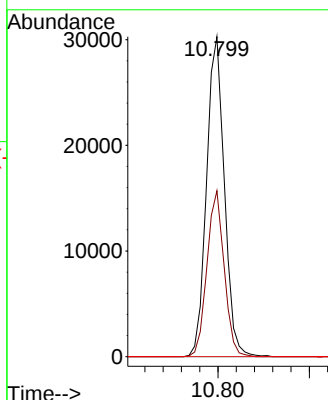
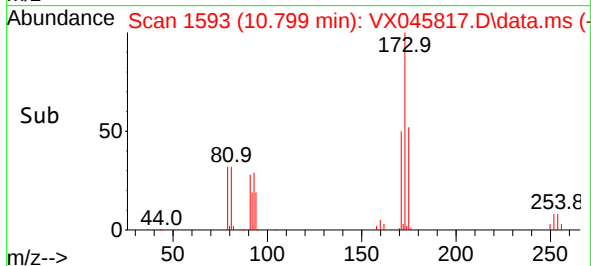
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4091
Ion Ratio Lower Upper
173 100
175 50.1 23.4 70.2
254 0.0 0.0 0.0

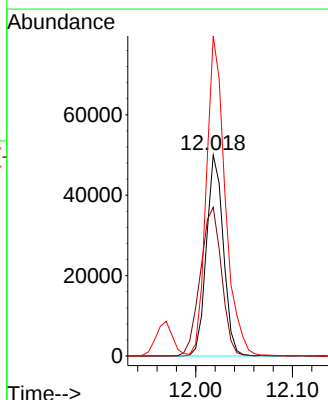
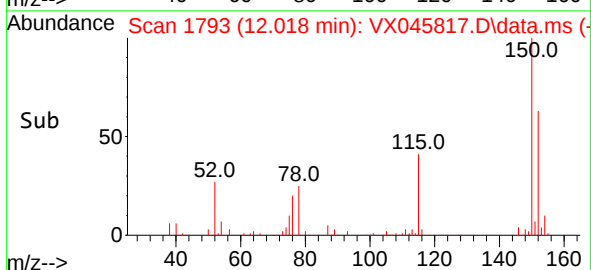
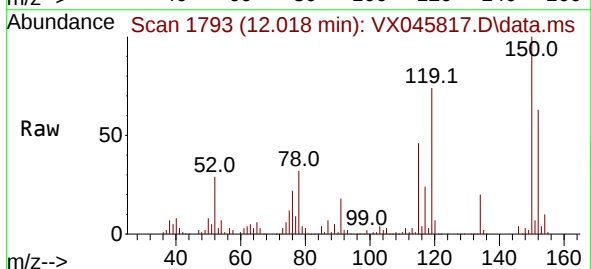
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

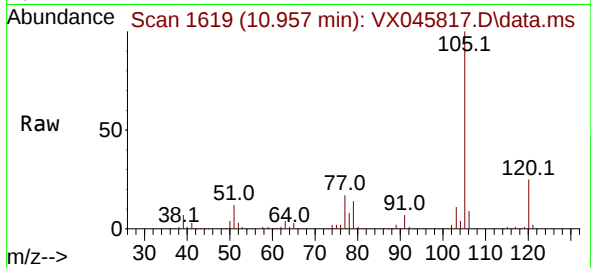
Tgt Ion:152 Resp: 60735
Ion Ratio Lower Upper
152 100
115 93.2 46.9 140.7
150 176.4 0.0 349.4





#73
Isopropylbenzene
Concen: 49.569 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

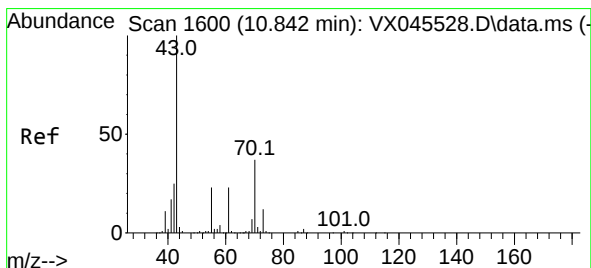
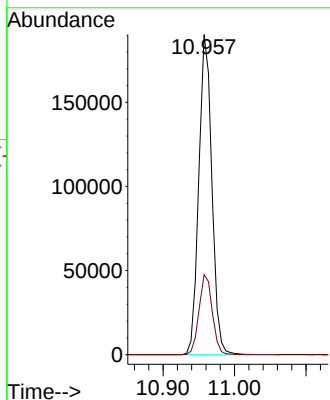
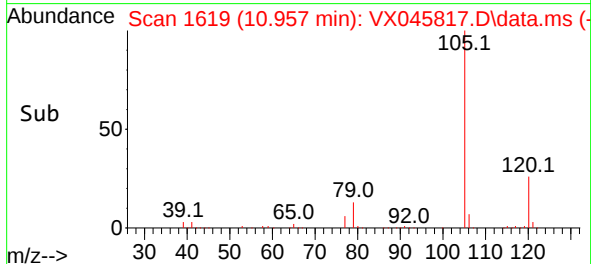
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



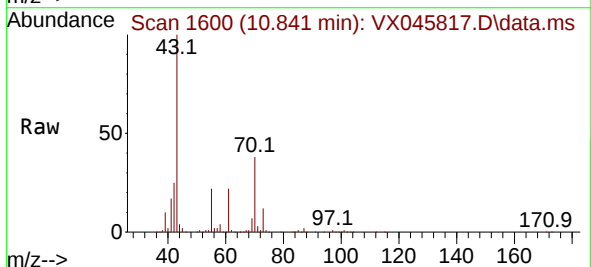
Tgt Ion: 105 Resp: 241148
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0

Manual Integrations
APPROVED

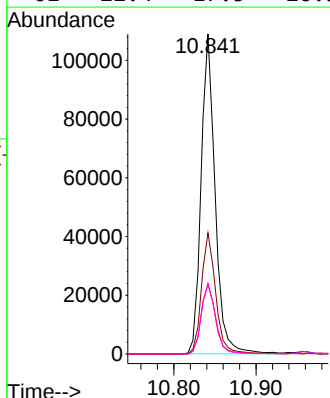
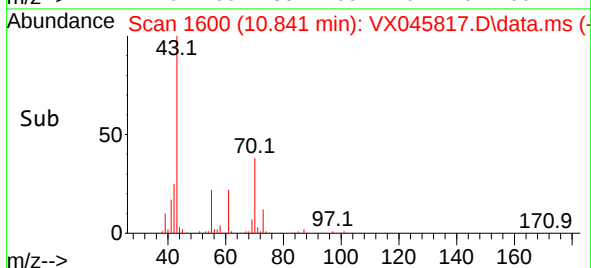
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

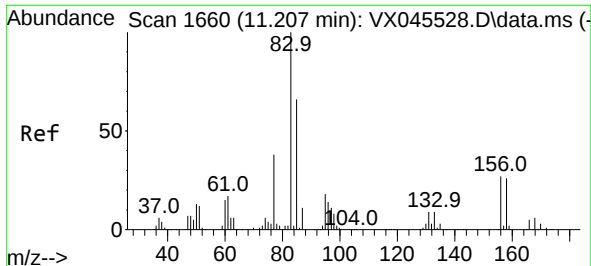


#74
N-ethyl acetate
Concen: 55.585 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



Tgt Ion: 43 Resp: 129354
Ion Ratio Lower Upper
43 100
70 38.4 30.1 45.1
55 23.1 18.3 27.5
61 22.4 17.5 26.3





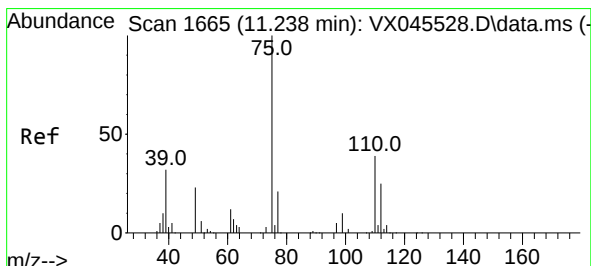
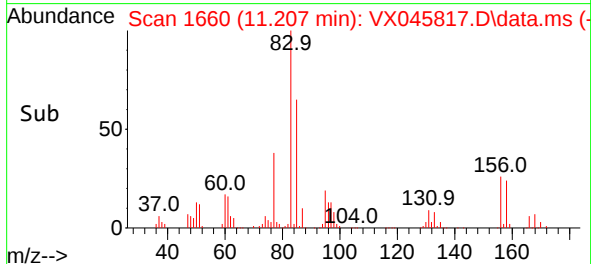
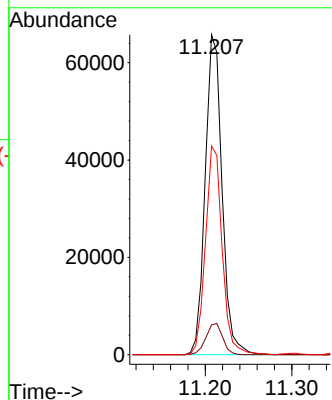
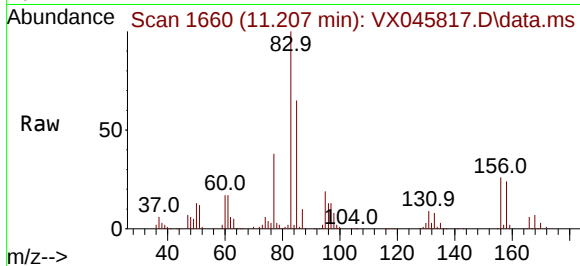
#75
1,1,2,2-Tetrachloroethane
Concen: 52.046 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 88940
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.5 32.4 97.2

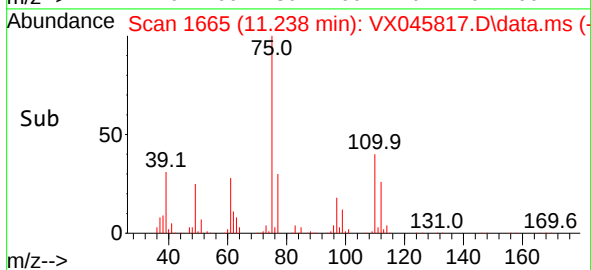
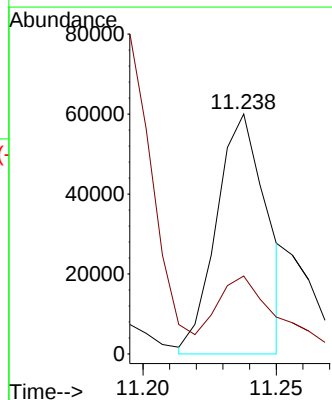
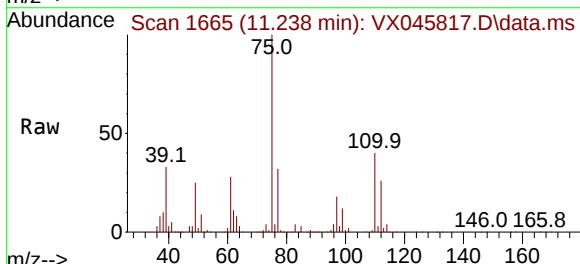
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#76
1,2,3-Trichloropropane
Concen: 52.799 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

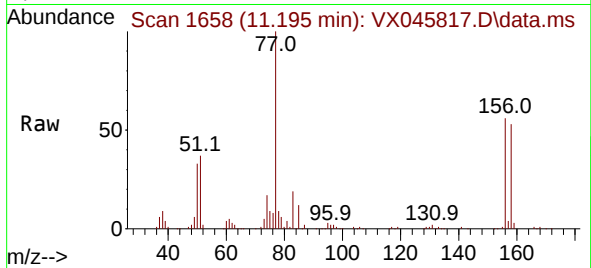
Tgt Ion: 75 Resp: 78220
Ion Ratio Lower Upper
75 100
77 40.6 20.0 59.9





#77
Bromobenzene
Concen: 50.499 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

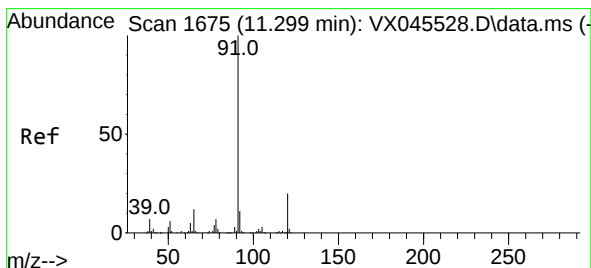
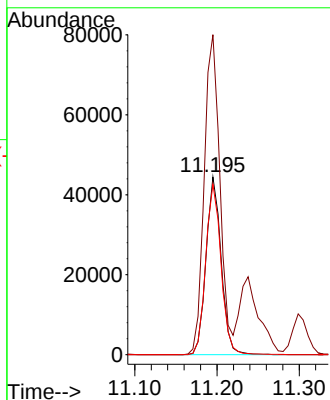
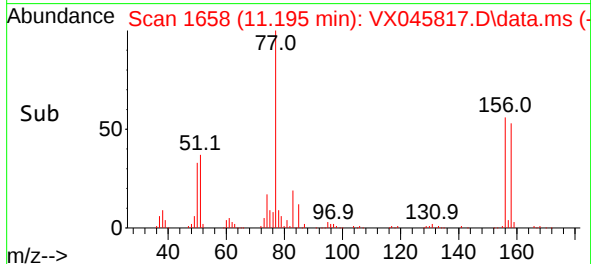
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



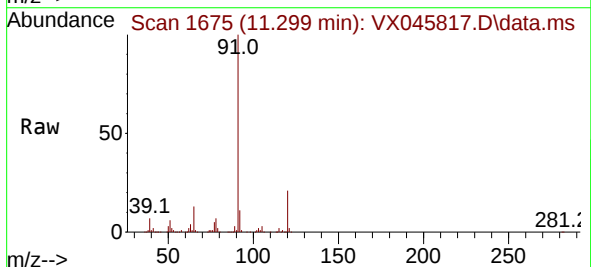
Tgt Ion:156 Resp: 56764
Ion Ratio Lower Upper
156 100
77 187.5 92.6 277.8
158 97.6 48.1 144.4

Manual Integrations
APPROVED

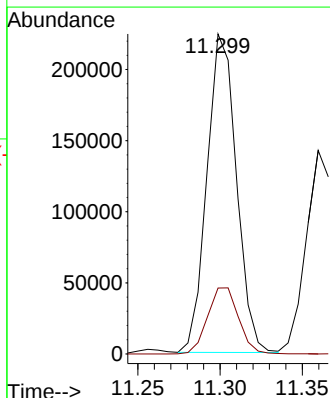
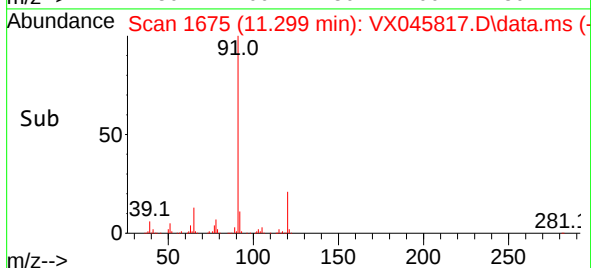
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

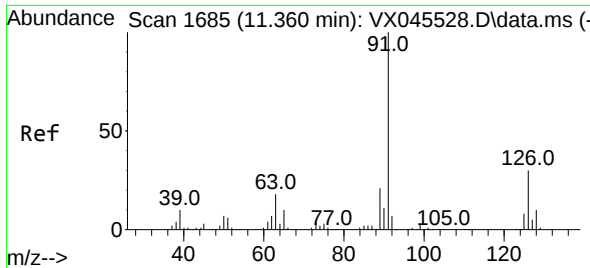


#78
n-propylbenzene
Concen: 49.926 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



Tgt Ion: 91 Resp: 279766
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.3





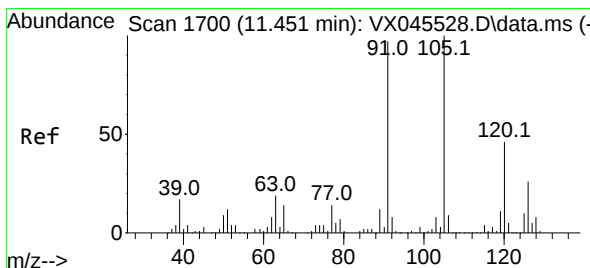
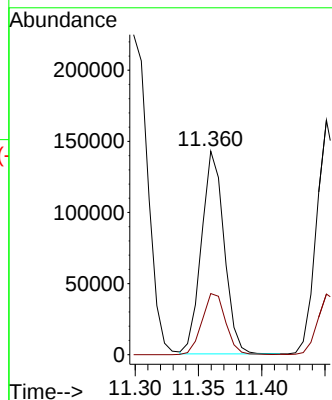
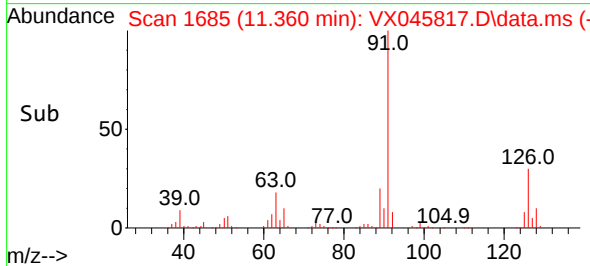
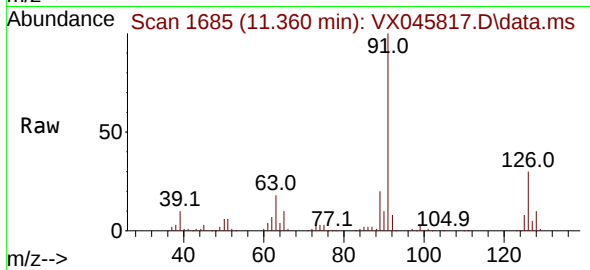
#79
2-Chlorotoluene
Concen: 49.775 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 178312
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4

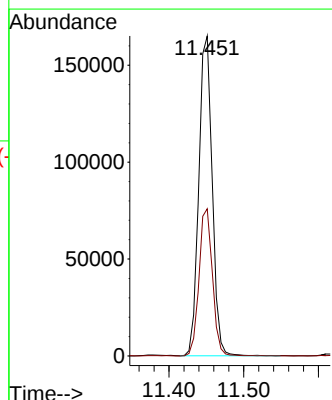
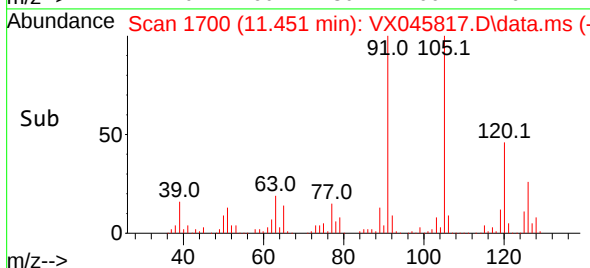
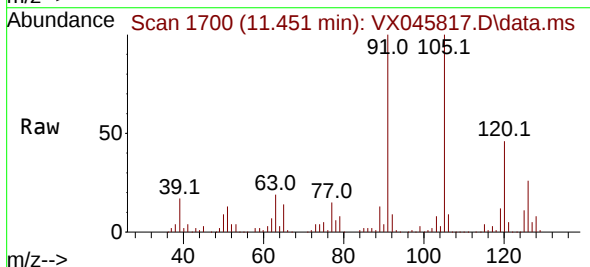
Manual Integrations
APPROVED

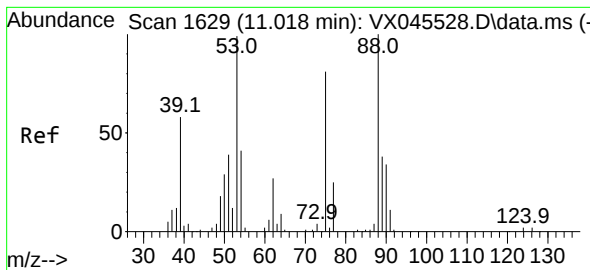
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.018 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion:105 Resp: 205240
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





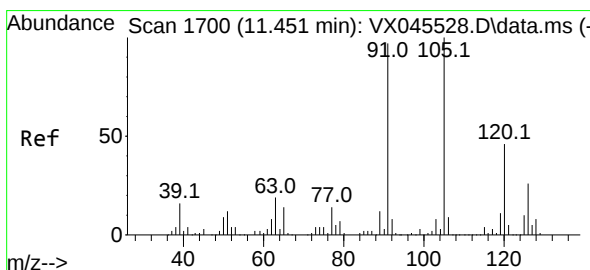
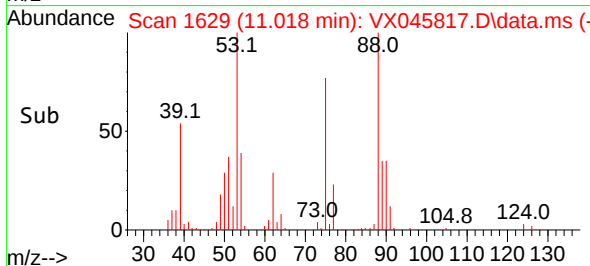
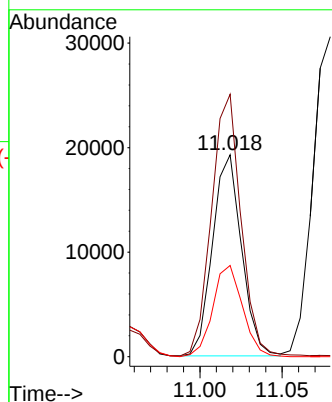
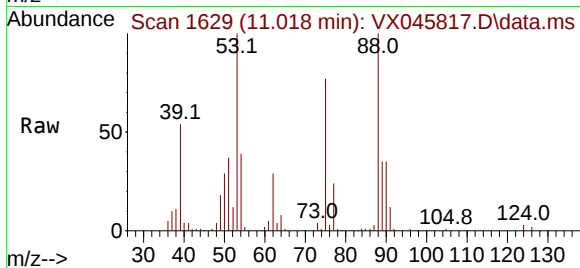
#81
trans-1,4-Dichloro-2-butene
Concen: 54.129 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 23628
Ion Ratio Lower Upper
75 100
53 133.8 101.8 152.6
89 46.6 37.2 55.8

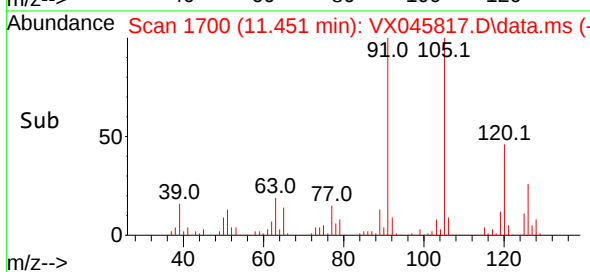
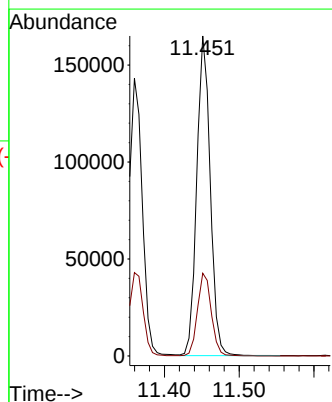
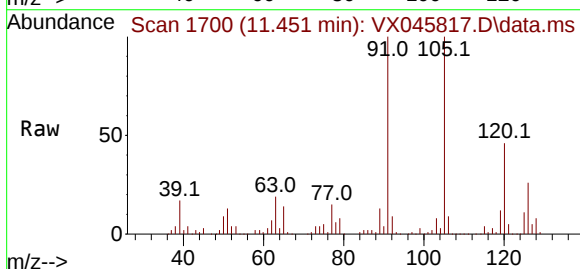
Manual Integrations
APPROVED

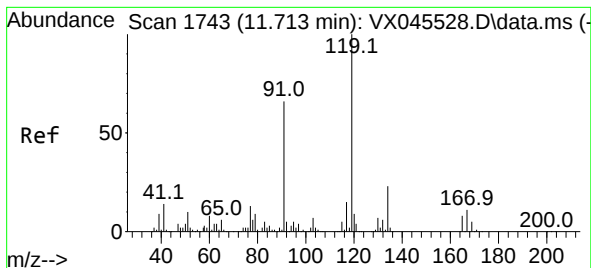
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#82
4-Chlorotoluene
Concen: 51.568 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

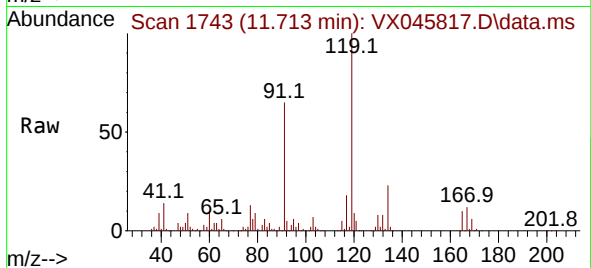
Tgt Ion: 91 Resp: 205971
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.9





#83
tert-Butylbenzene
Concen: 51.699 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

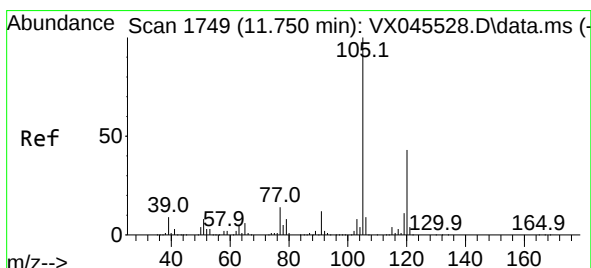
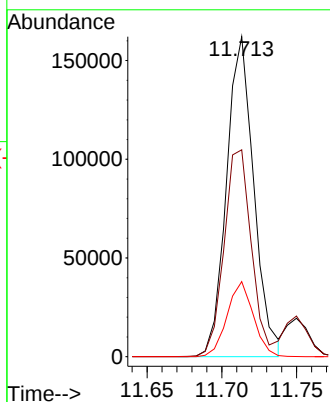
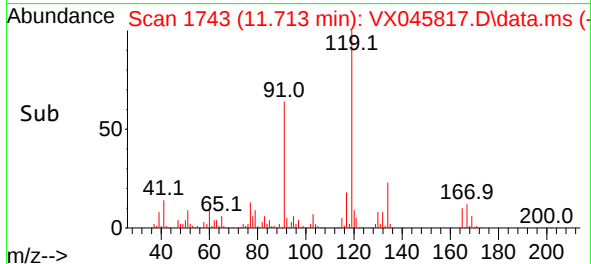
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



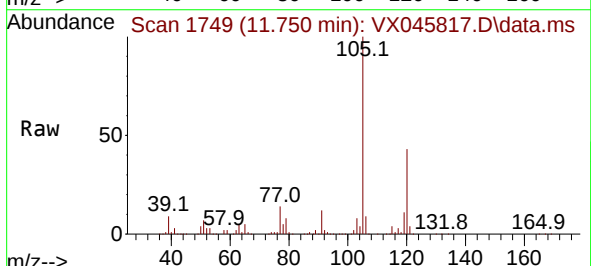
Tgt Ion:119 Resp: 205900
Ion Ratio Lower Upper
119 100
91 64.3 32.4 97.2
134 22.6 11.5 34.5

Manual Integrations
APPROVED

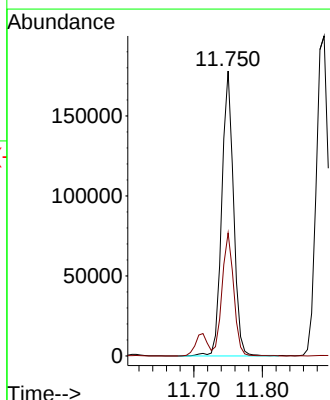
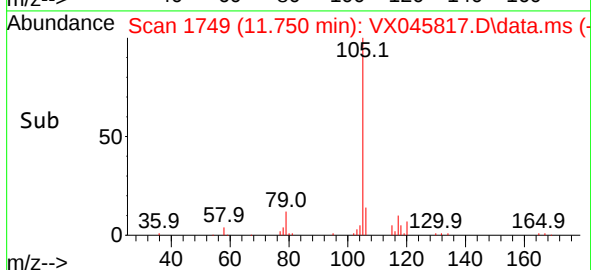
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

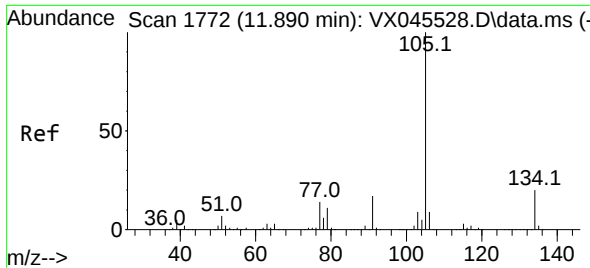


#84
1,2,4-Trimethylbenzene
Concen: 52.059 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



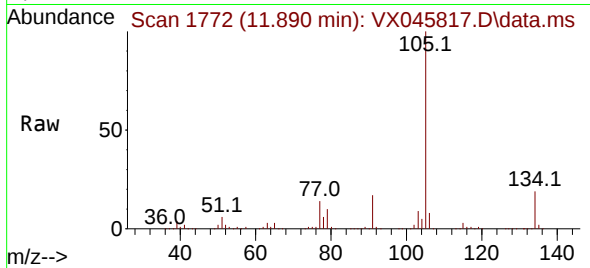
Tgt Ion:105 Resp: 210197
Ion Ratio Lower Upper
105 100
120 42.9 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 51.675 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045817.D
 Acq: 17 Apr 2025 10:44

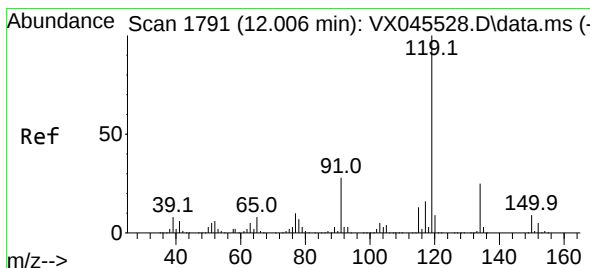
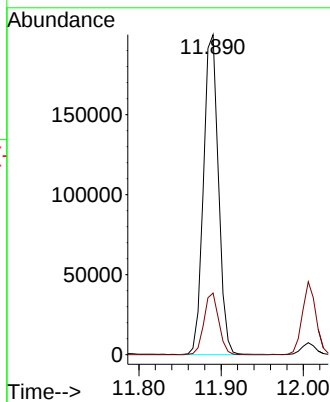
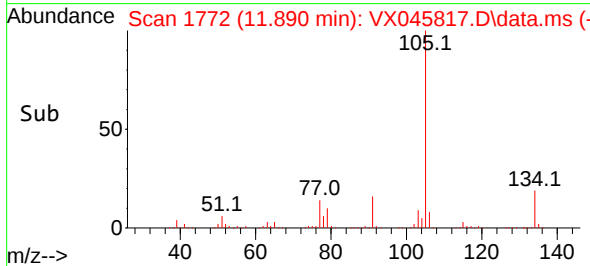
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



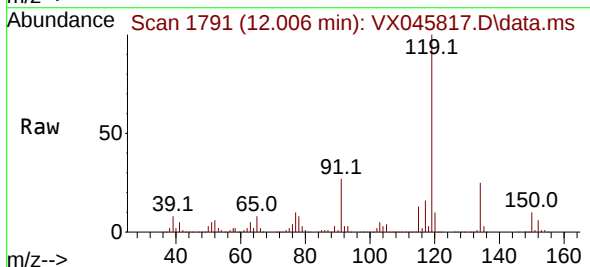
Tgt Ion:105 Resp: 252785
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

Manual Integrations
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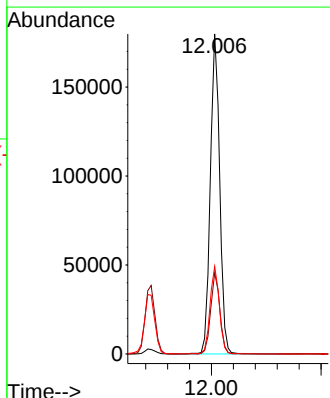
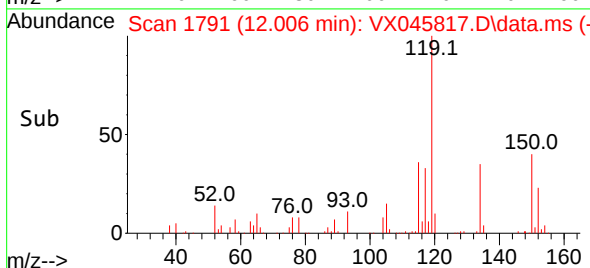
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#86
 p-Isopropyltoluene
 Concen: 52.390 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045817.D
 Acq: 17 Apr 2025 10:44



Tgt Ion:119 Resp: 211289
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.2 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 50.737 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 10381

Ion Ratio Lower Upper

146 100

111 44.5 22.2 66.6

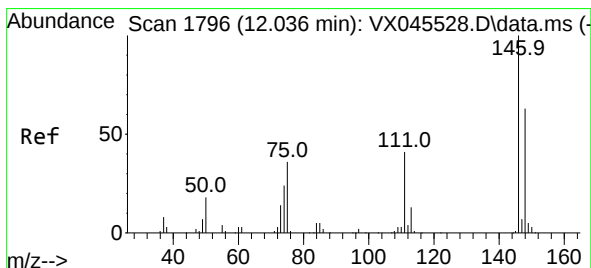
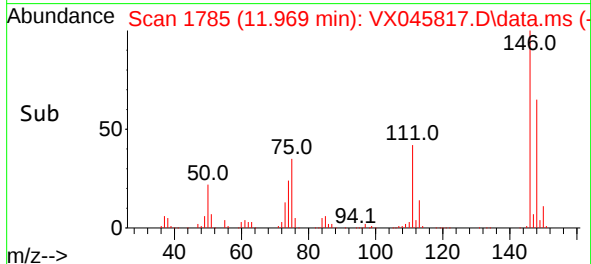
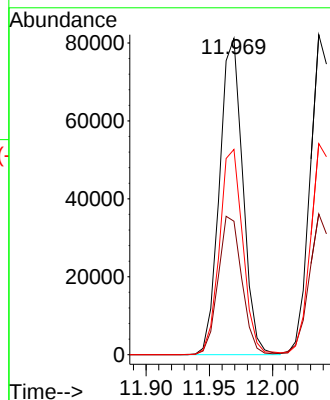
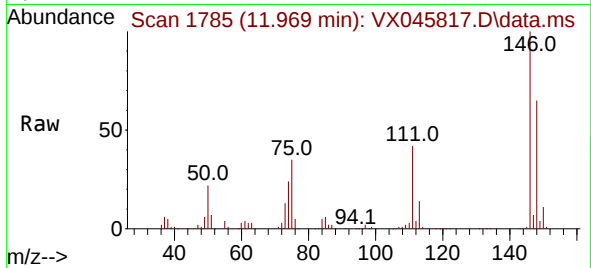
148 65.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#88

1,4-Dichlorobenzene

Concen: 50.639 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045817.D

Acq: 17 Apr 2025 10:44

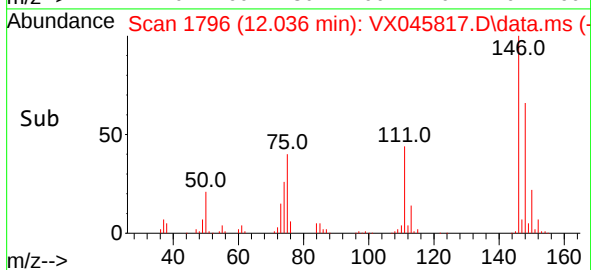
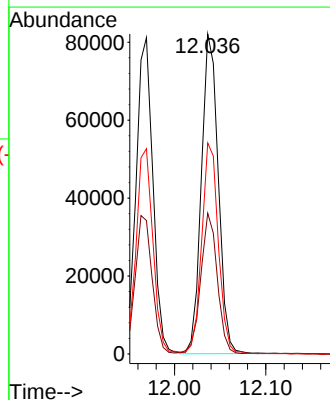
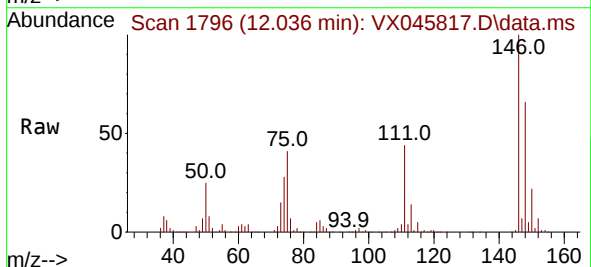
Tgt Ion:146 Resp: 105043

Ion Ratio Lower Upper

146 100

111 43.1 20.9 62.8

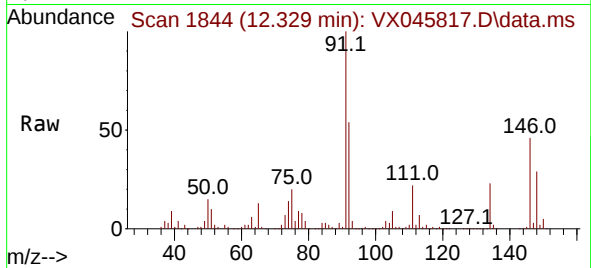
148 65.2 31.5 94.5





#89
n-Butylbenzene
Concen: 53.153 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

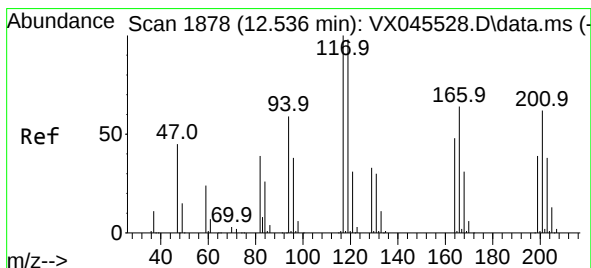
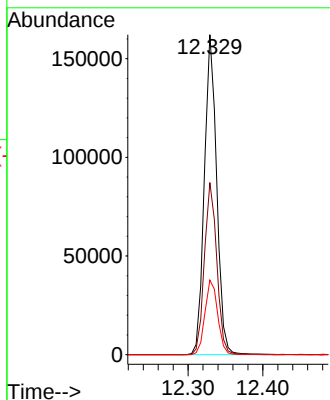
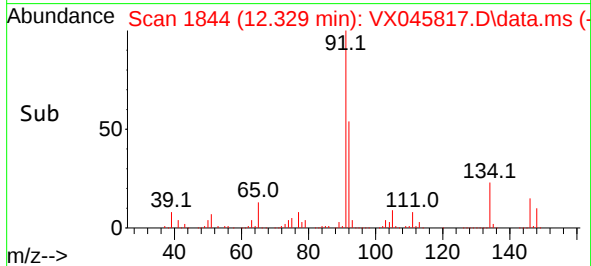
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 18588
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.6
134 24.2 11.9 35.7

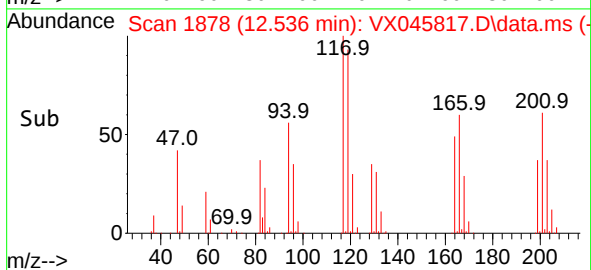
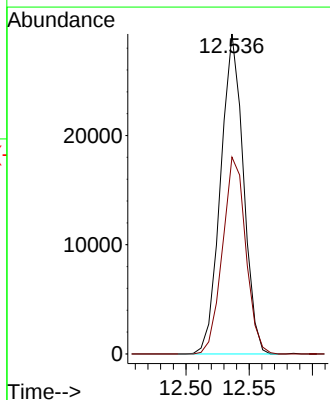
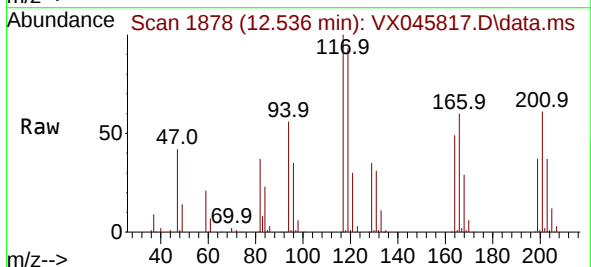
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#90
Hexachloroethane
Concen: 52.862 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

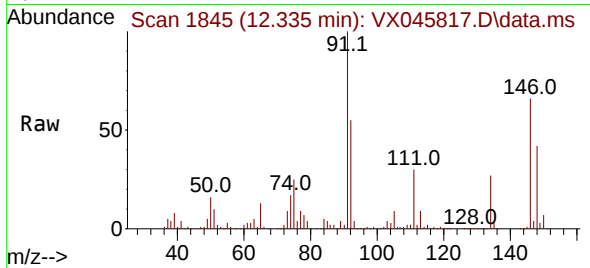
Tgt Ion:117 Resp: 36639
Ion Ratio Lower Upper
117 100
201 62.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 52.377 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

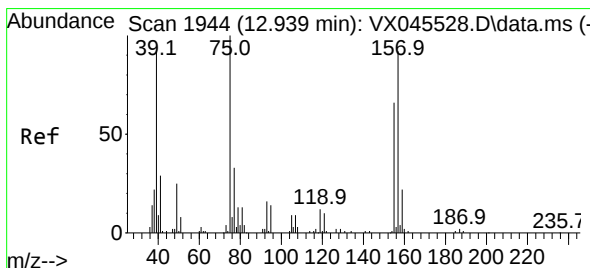
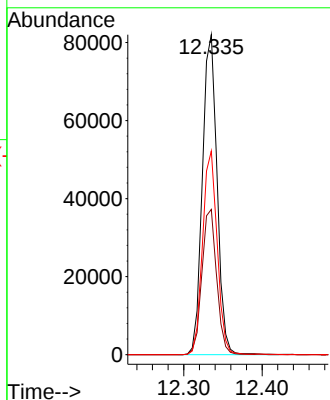
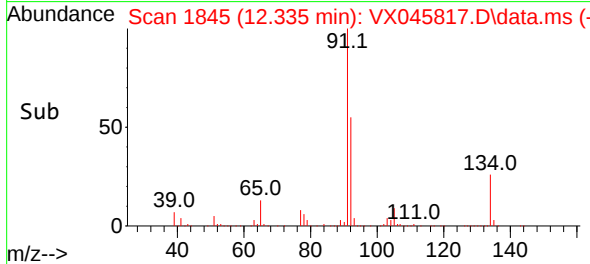
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



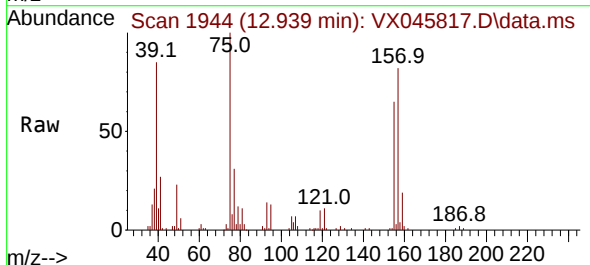
Tgt Ion:146 Resp: 106549
Ion Ratio Lower Upper
146 100
111 45.6 22.9 68.8
148 63.1 31.9 95.5

Manual Integrations
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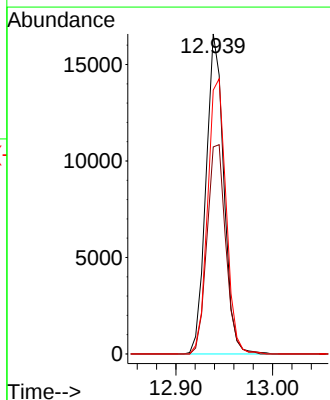
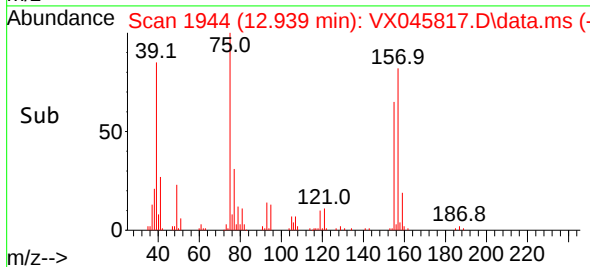
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

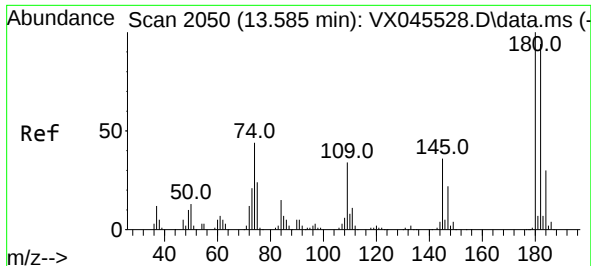


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.514 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



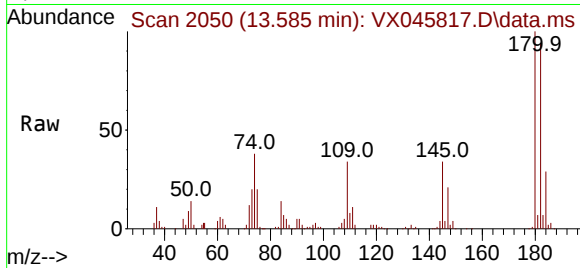
Tgt Ion: 75 Resp: 21271
Ion Ratio Lower Upper
75 100
155 68.7 34.9 104.7
157 88.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 55.473 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

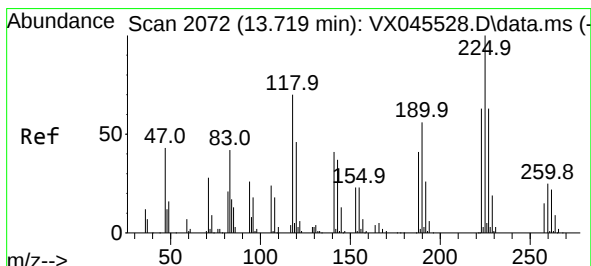
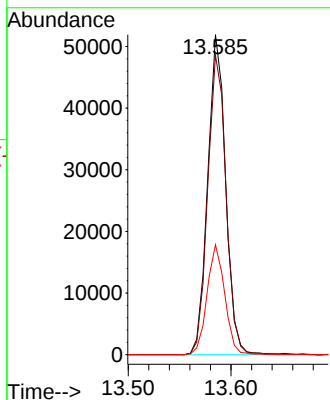
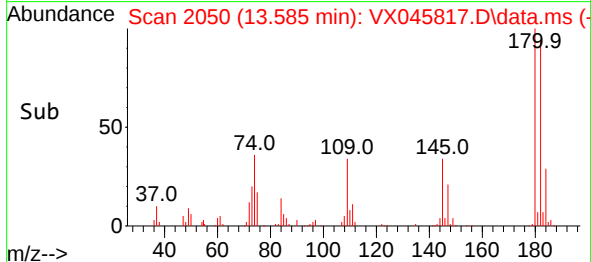
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



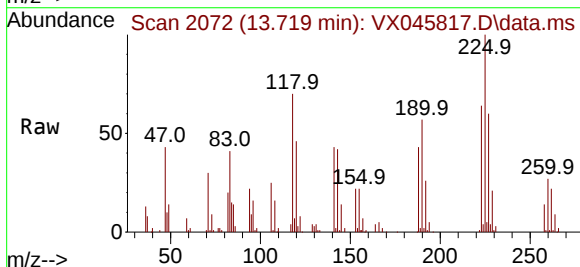
Tgt Ion:180 Resp: 62815
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 34.0 17.9 53.8

Manual Integrations
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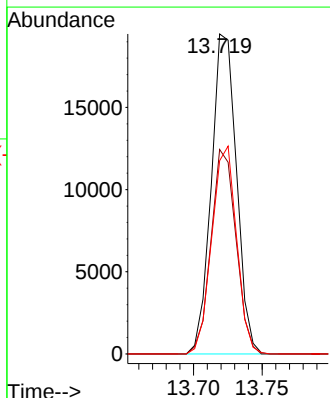
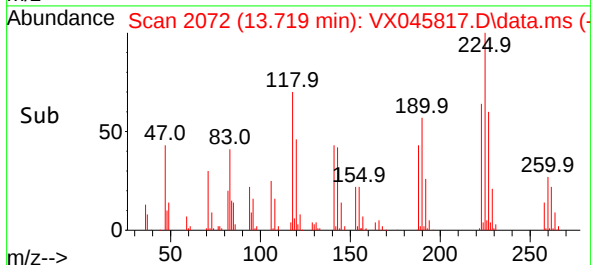
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#94
Hexachlorobutadiene
Concen: 50.961 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44



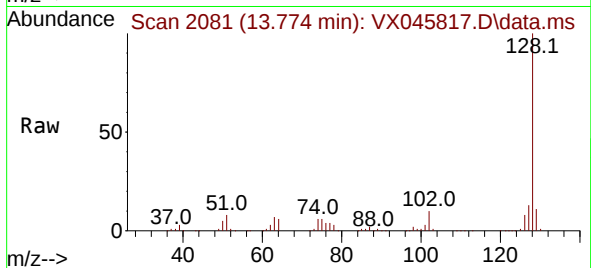
Tgt Ion:225 Resp: 24866
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.3
227 63.9 32.2 96.6





#95
Naphthalene
Concen: 56.794 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

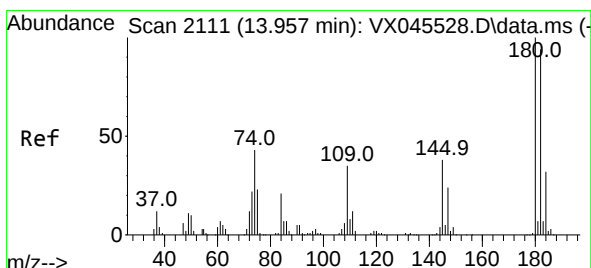
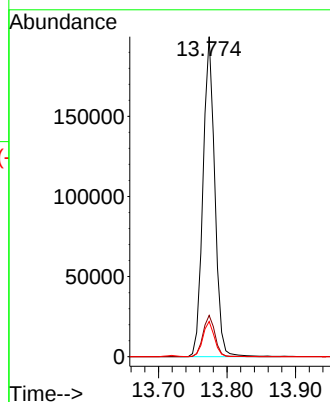
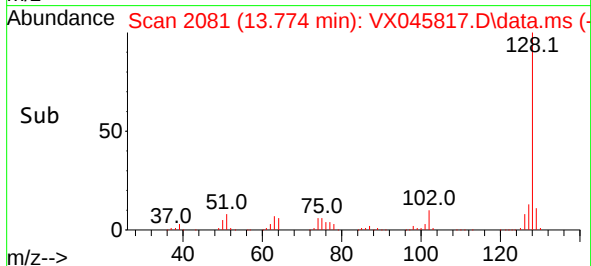
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 23932
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.070 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045817.D
Acq: 17 Apr 2025 10:44

Tgt Ion:180 Resp: 65297
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 36.8 18.2 54.6

