

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045342.D
 Acq On : 19 Mar 2025 12:15
 Operator : JC/MD
 Sample : VX0319WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:32:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	15405	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	77122	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	74535	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	47760	31.920	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.400%			
60) 4-Bromofluorobenzene	11.079	95	42472	30.486	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.633%			
63) Toluene-d8	8.647	98	121913	29.566	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.567%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19620	15.108	ug/l	90
3) Chloromethane	1.307	50	23956	15.402	ug/l	96
4) Vinyl Chloride	1.374	62	21621	14.406	ug/l	99
5) Bromomethane	1.593	94	10158	19.443	ug/l	98
6) Chloroethane	1.666	64	12210	15.021	ug/l	96
7) Trichlorofluoromethane	1.873	101	32316	16.020	ug/l	94
8) Diethyl Ether	2.130	74	11747	15.391	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.312	101	21264	17.748	ug/l	96
10) 1,1-Dichloroethene	2.306	96	19053	16.281	ug/l #	82
11) Methyl Iodide	2.440	142	24157	18.239	ug/l	100
12) Methyl Acetate	2.703	43	42810	31.503	ug/l	99
13) Acrolein	2.233	56	24161	88.702	ug/l	97
14) Acrylonitrile	3.062	53	71203	107.270	ug/l	99
15) Acetone	2.386	58	18620	102.282	ug/l	91
16) Carbon Disulfide	2.501	76	44896	13.526	ug/l	98
17) Allyl chloride	2.654	41	37581	17.170	ug/l	97
18) Methylene Chloride	2.782	84	23434	17.804	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	19804	16.727	ug/l	87
20) Diisopropyl ether	3.757	45	75506	17.952	ug/l	91
21) 1,1-Dichloroethane	3.599	63	41777	17.860	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	24514	17.278	ug/l	95
23) tert-Butyl Alcohol	2.977	59	21261	91.751	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	71024	18.595	ug/l	95
25) Chloroform	5.086	83	43100	19.076	ug/l	99
26) Cyclohexane	5.452	56	35407	16.398	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	26888	18.953	ug/l	99
30) 2-Butanone	4.556	43	97680	119.206	ug/l	98
31) 2,2-Dichloropropane	4.464	77	28902	18.017	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	34301	19.955	ug/l	97
33) Carbon Tetrachloride	5.665	117	28765	19.829	ug/l	98
34) Benzene	6.031	78	86029	19.337	ug/l	99
35) Methacrylonitrile	4.916	41	20551	23.437	ug/l	99
36) 1,2-Dichloroethane	6.080	62	34623	22.731	ug/l	97
37) Trichloroethene	7.116	130	19370	18.610	ug/l	85
38) Methylcyclohexane	7.372	83	34492	18.107	ug/l	99
39) 1,2-Dichloropropane	7.427	63	21512	19.449	ug/l	97
40) Dibromomethane	7.574	93	16975	21.387	ug/l	98
41) Bromodichloromethane	7.818	83	32598	20.664	ug/l	98
42) Vinyl Acetate	3.715	43	313074	98.457	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045342.D
 Acq On : 19 Mar 2025 12:15
 Operator : JC/MD
 Sample : VX0319WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

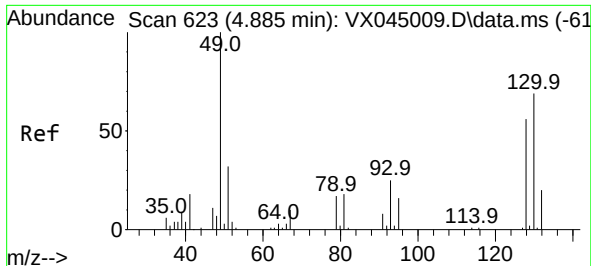
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

Quant Time: Mar 20 01:32:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

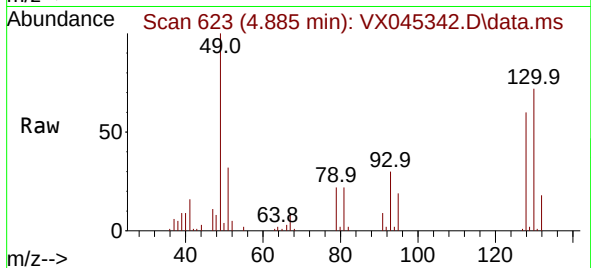
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	33656	21.902	ug/l	99
44) Isopropyl Acetate	6.336	43	54315	21.475	ug/l	98
45) 1,4-Dioxane	7.659	88	10325	392.707	ug/l	98
46) Methyl methacrylate	7.690	41	27912	22.506	ug/l	96
47) n-amyl Acetate	10.841	43	45053	20.528	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	27952	18.383	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	33368	19.386	ug/l	95
50) 1,1,2-Trichloroethane	9.147	97	21519	20.785	ug/l	96
51) Ethyl methacrylate	9.116	69	35521	21.816	ug/l	97
52) 1,3-Dichloropropane	9.305	76	38794	21.385	ug/l	99
53) Dibromochloromethane	9.518	129	23254	20.309	ug/l	95
54) 1,2-Dibromoethane	9.610	107	22899	21.782	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	97308	116.377	ug/l	100
56) Bromoform	10.799	173	14853	20.701	ug/l	96
58) 4-Methyl-2-Pentanone	8.567	43	197562	116.520	ug/l	98
59) 2-Hexanone	9.427	43	143492	117.085	ug/l	98
61) Tetrachloroethene	9.268	164	17338	18.890	ug/l	100
62) Toluene	8.714	91	90934	18.417	ug/l	99
64) Chlorobenzene	10.079	112	58036	18.969	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	19074	18.893	ug/l	98
66) Ethyl Benzene	10.189	91	100826	18.652	ug/l	97
67) m/p-Xylenes	10.299	106	76026	37.748	ug/l	98
68) o-Xylene	10.640	106	37375	18.914	ug/l	97
69) Styrene	10.652	104	63021	19.095	ug/l	98
70) Isopropylbenzene	10.957	105	98479	19.312	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	35961	21.445	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	29280m	21.229	ug/l	
73) Bromobenzene	11.195	156	22829	19.446	ug/l	98
74) n-propylbenzene	11.299	91	114810	18.919	ug/l	99
75) 2-Chlorotoluene	11.360	91	70623	19.250	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	81283	19.321	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	8305	17.897	ug/l	73
78) 4-Chlorotoluene	11.451	91	77762	19.014	ug/l	98
79) tert-butylbenzene	11.713	119	81369	19.196	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	81476	19.334	ug/l	99
81) sec-Butylbenzene	11.890	105	103882	19.527	ug/l	98
82) p-Isopropyltoluene	12.006	119	82311	19.096	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	41173	18.850	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	40932	19.006	ug/l	99
85) n-Butylbenzene	12.329	91	71547	18.177	ug/l	99
86) Hexachloroethane	12.536	117	13631	17.931	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	40418	18.859	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7027	21.644	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	23006	17.712	ug/l	97
90) Hexachlorobutadiene	13.725	225	10215	19.284	ug/l	99
91) Naphthalene	13.774	128	87558	19.117	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	23693	17.718	ug/l	98

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



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.885 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX045342.D
 Acq: 19 Mar 2025 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01

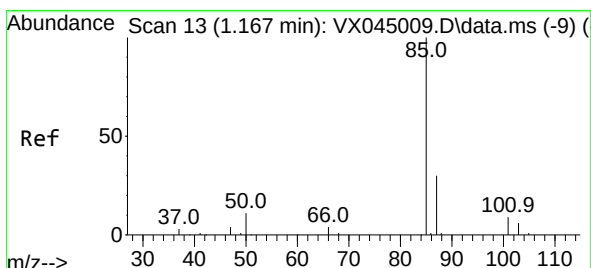
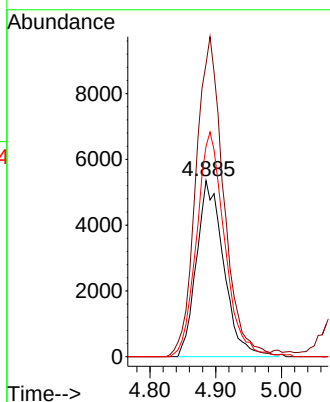
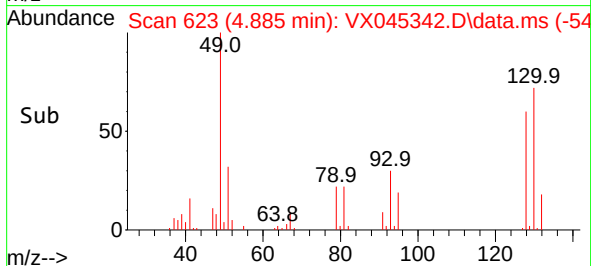


Tgt Ion: 128 Resp: 1540

Ion	Ratio	Lower	Upper
128	100		
49	185.0	0.0	449.7
130	130.1	0.0	312.7

Manual Integrations
 APPROVED

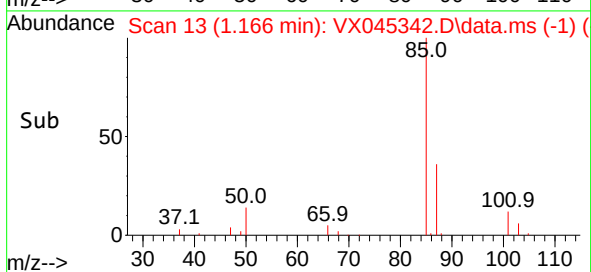
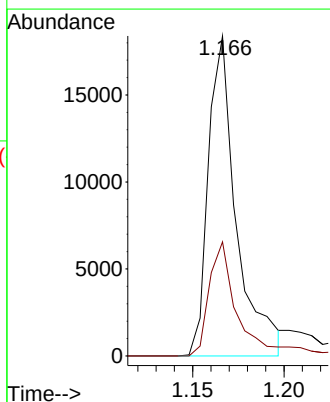
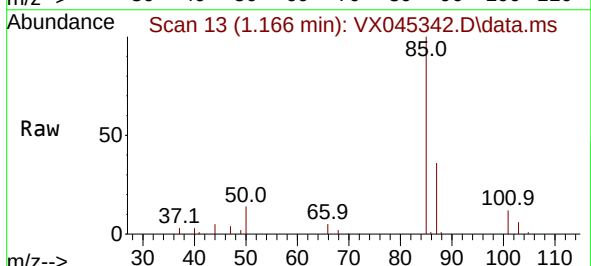
Reviewed By : John Carlone 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

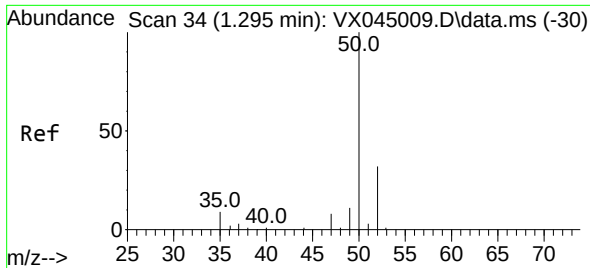


#2
 Dichlorodifluoromethane
 Concen: 15.108 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045342.D
 Acq: 19 Mar 2025 12:15

Tgt Ion: 85 Resp: 19620

Ion	Ratio	Lower	Upper
85	100		
87	35.6	15.1	45.3





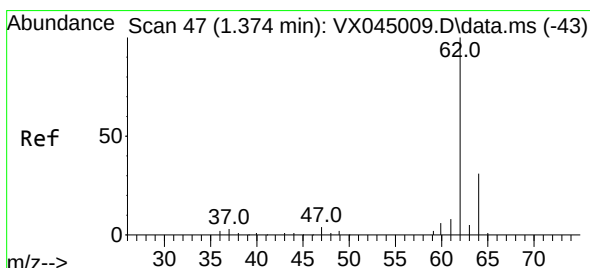
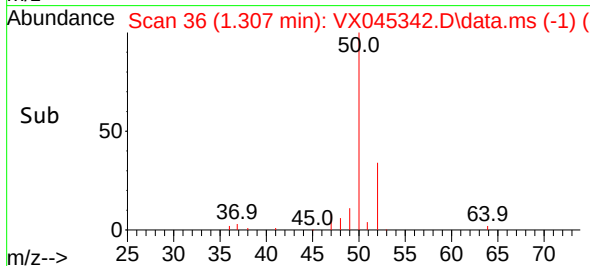
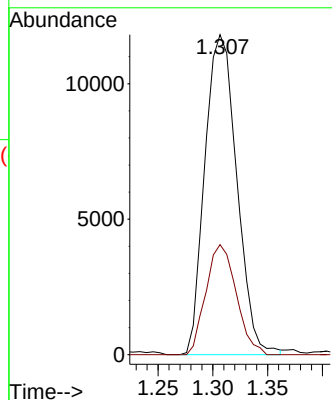
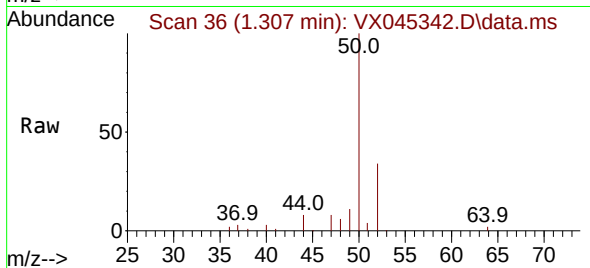
#3
Chloromethane
Concen: 15.402 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 50 Resp: 23950
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5

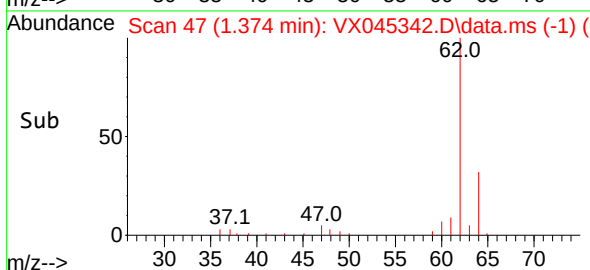
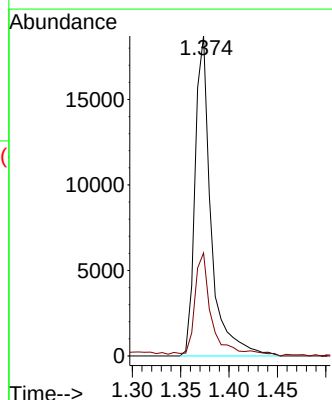
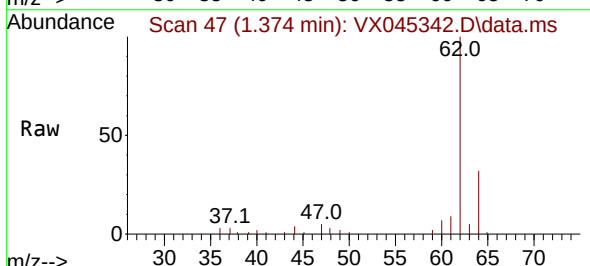
Manual Integrations
APPROVED

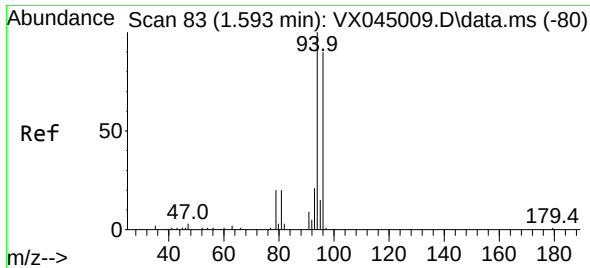
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#4
Vinyl Chloride
Concen: 14.406 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

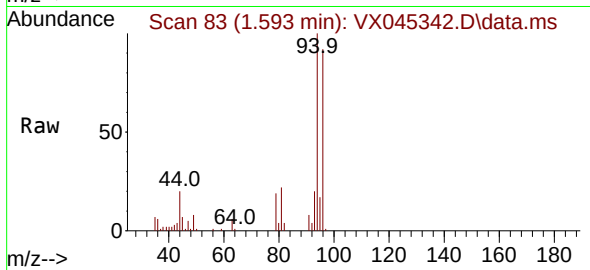
Tgt Ion: 62 Resp: 21621
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 19.443 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

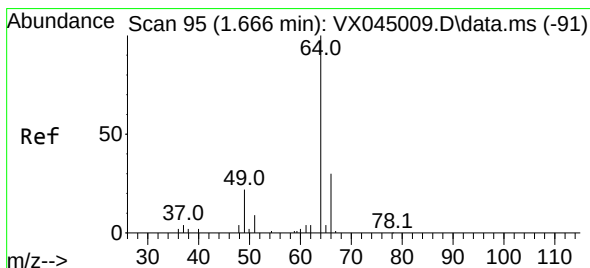
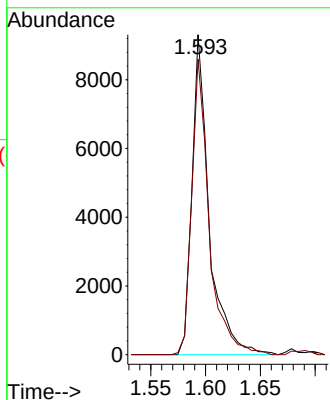
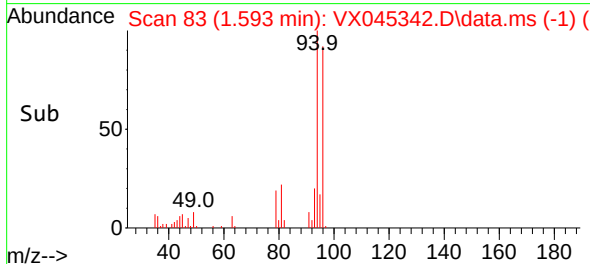
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 94 Resp: 10158
Ion Ratio Lower Upper
94 100
96 92.4 72.2 108.4

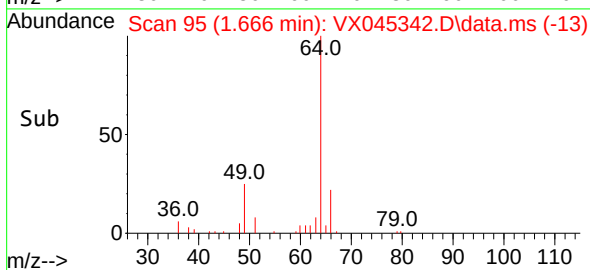
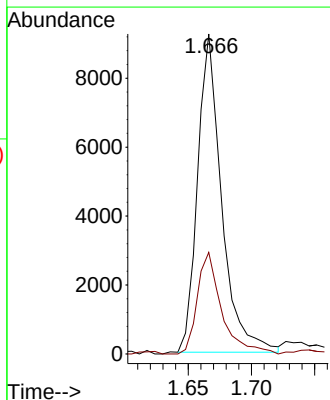
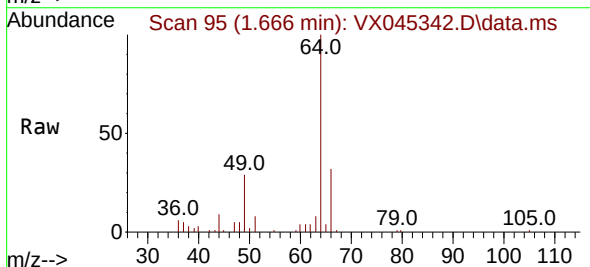
Manual Integrations
APPROVED

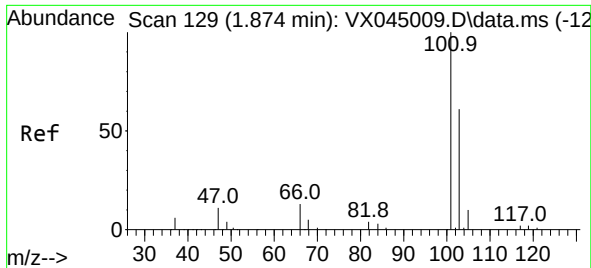
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#6
Chloroethane
Concen: 15.021 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 64 Resp: 12210
Ion Ratio Lower Upper
64 100
66 31.9 23.7 35.5





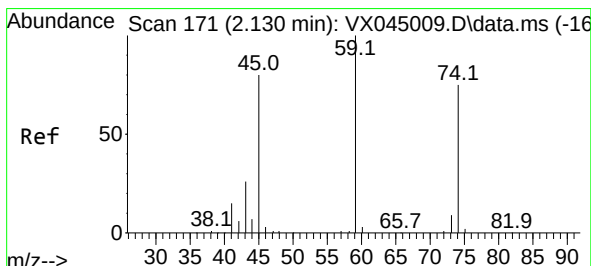
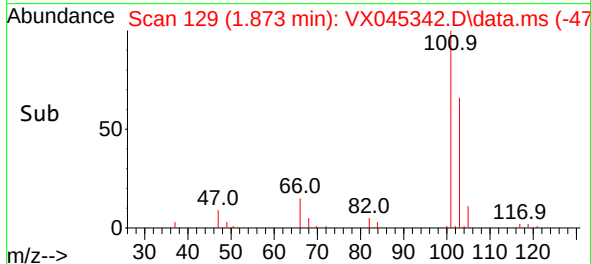
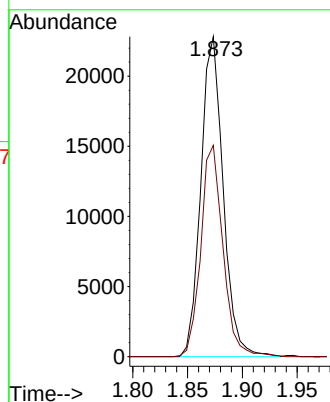
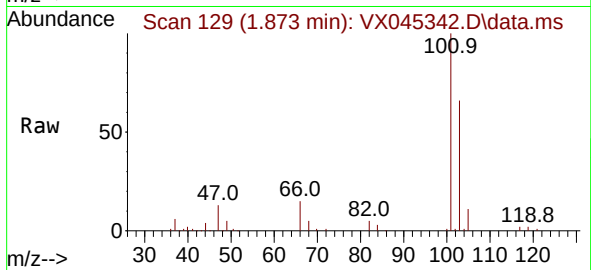
#7
Trichlorofluoromethane
Concen: 16.020 ug/l
RT: 1.873 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion:101 Resp: 32310
Ion Ratio Lower Upper
101 100
103 65.8 48.8 73.2

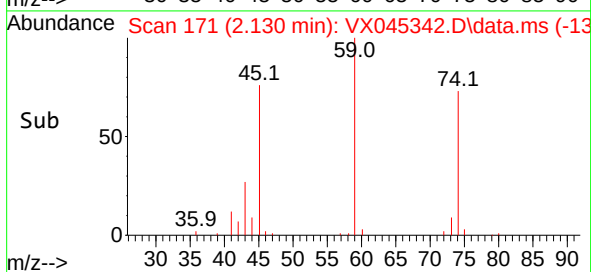
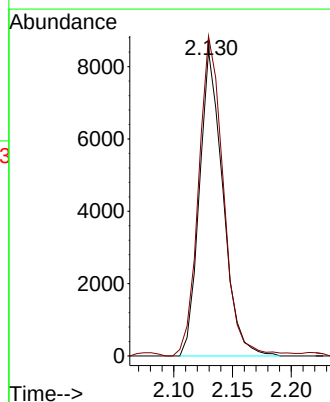
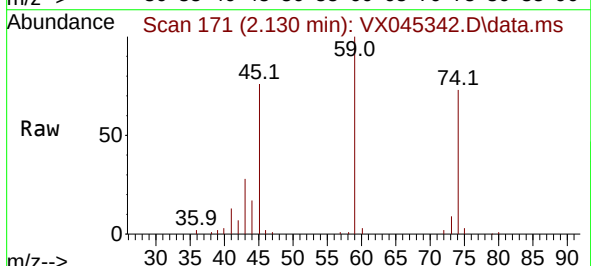
Manual Integrations
APPROVED

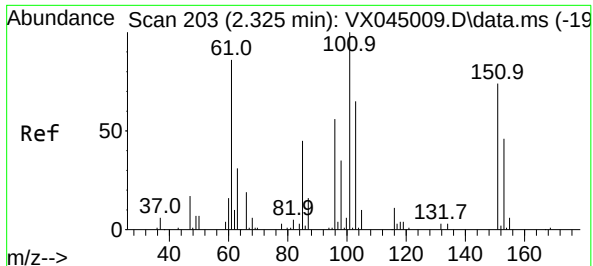
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#8
Diethyl Ether
Concen: 15.391 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 74 Resp: 11747
Ion Ratio Lower Upper
74 100
45 110.8 20.8 186.8





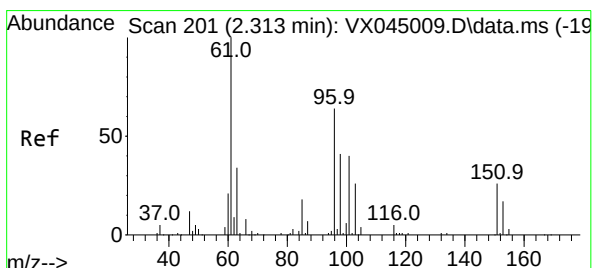
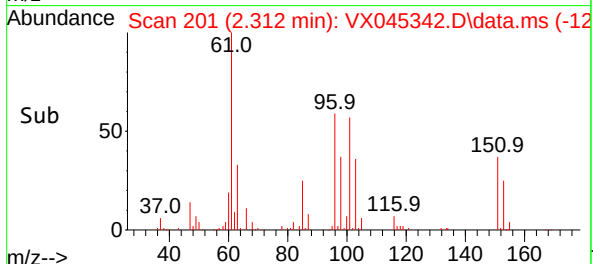
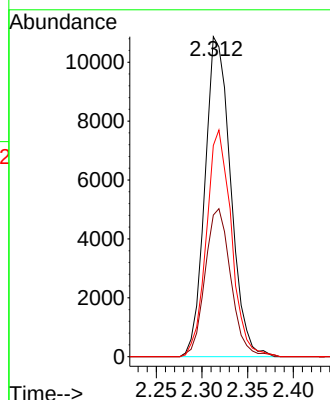
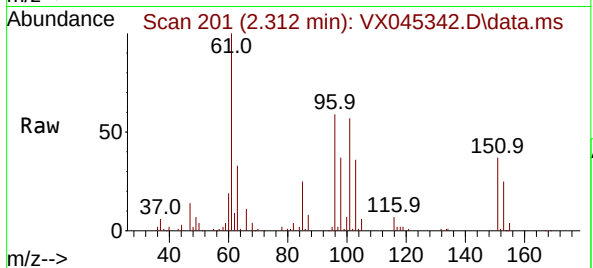
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.748 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion:101 Resp: 21264
Ion Ratio Lower Upper
101 100
85 46.0 0.0 90.6
151 68.9 0.0 147.6

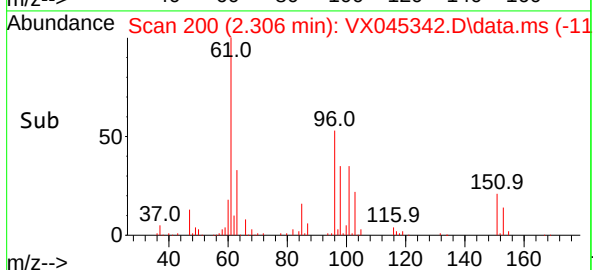
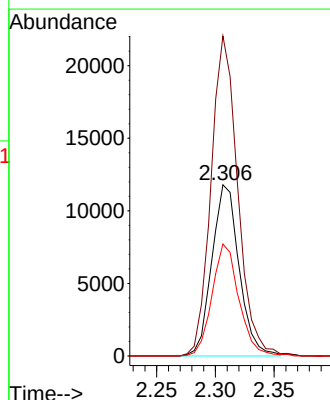
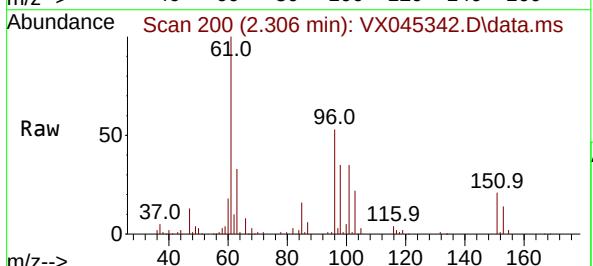
Manual Integrations
APPROVED

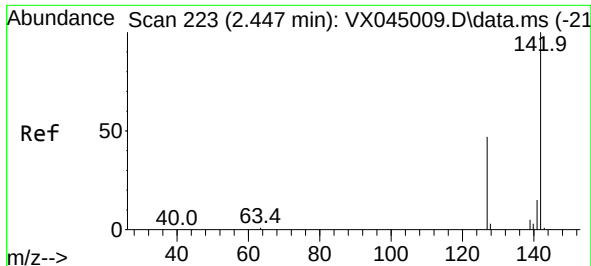
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#10
1,1-Dichloroethene
Concen: 16.281 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

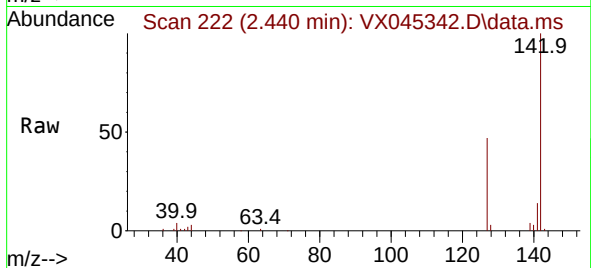
Tgt Ion: 96 Resp: 19053
Ion Ratio Lower Upper
96 100
61 187.0 124.2 186.2#
98 65.5 51.1 76.7





#11
Methyl Iodide
Concen: 18.239 ug/l
RT: 2.440 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

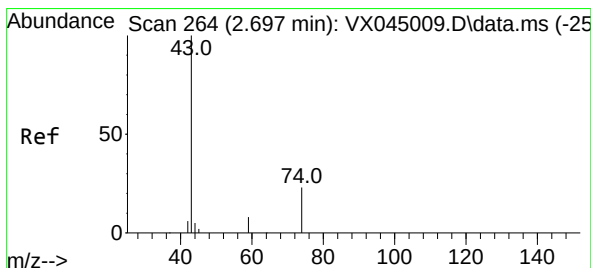
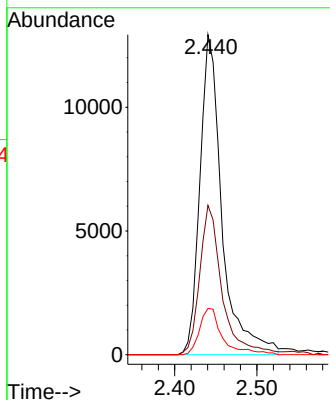
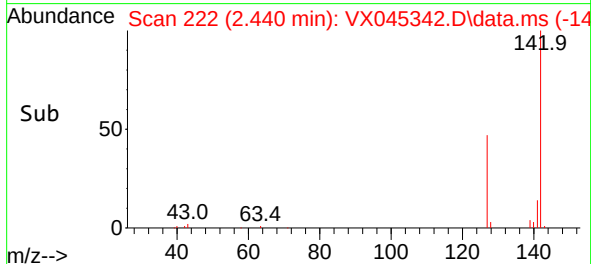
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion:142 Resp: 2415
Ion Ratio Lower Upper
142 100
127 46.6 23.3 69.9
141 14.6 7.5 22.6

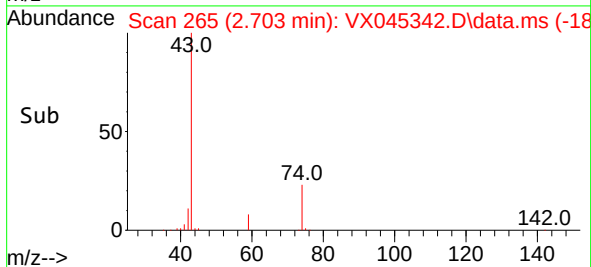
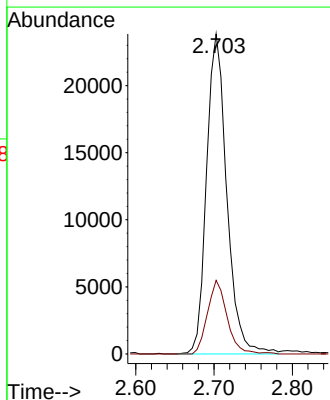
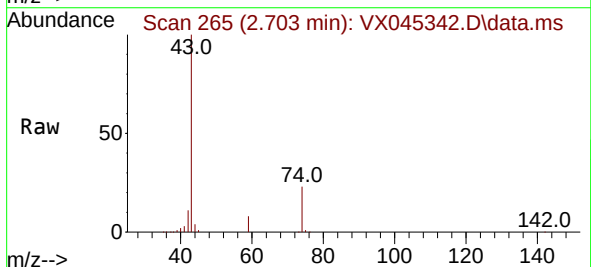
Manual Integrations
APPROVED

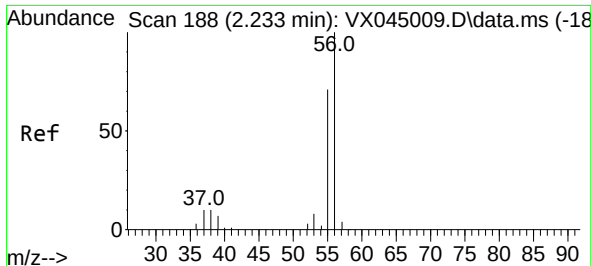
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#12
Methyl Acetate
Concen: 31.503 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

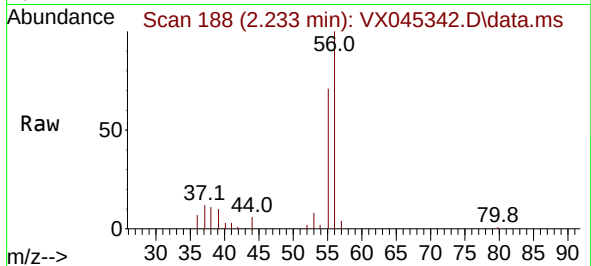
Tgt Ion: 43 Resp: 42810
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9





#13
Acrolein
Concen: 88.702 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

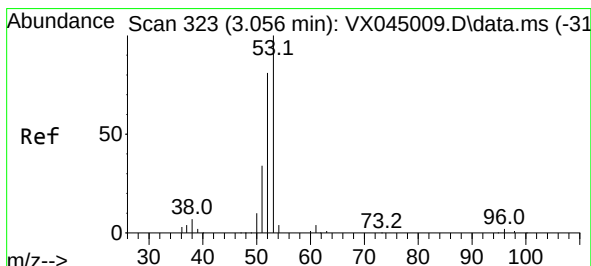
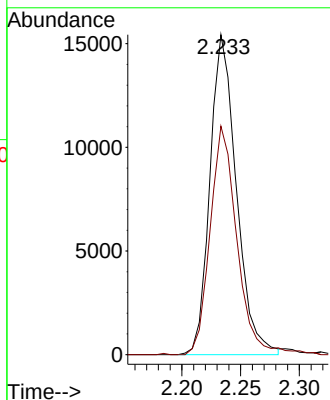
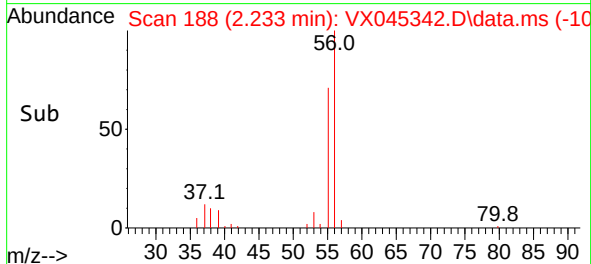
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 56 Resp: 2416
Ion Ratio Lower Upper
56 100
55 72.1 55.4 83.2

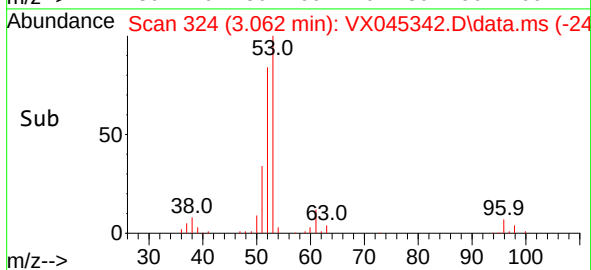
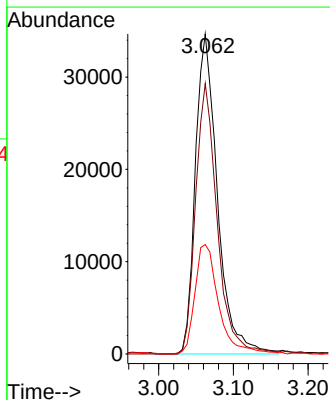
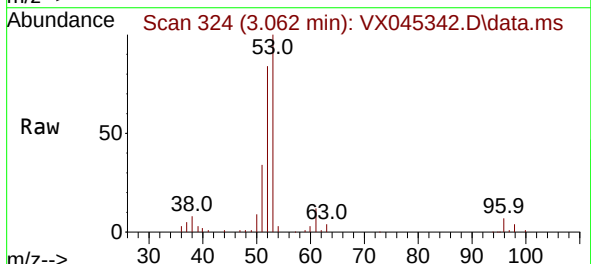
Manual Integrations
APPROVED

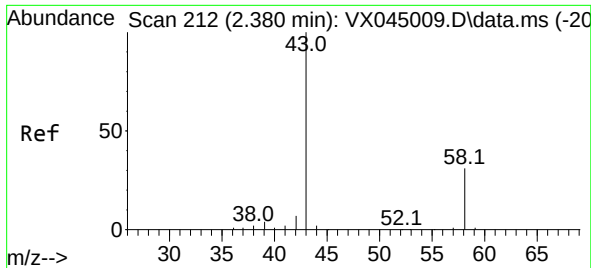
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#14
Acrylonitrile
Concen: 107.270 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 53 Resp: 71203
Ion Ratio Lower Upper
53 100
52 82.5 40.9 122.8
51 36.8 18.0 54.0





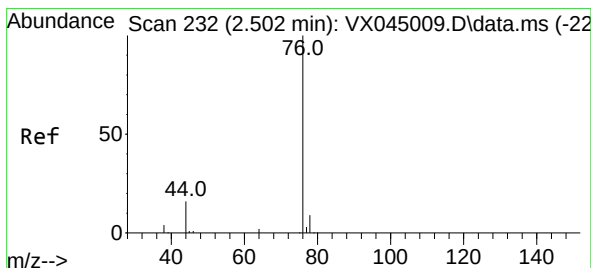
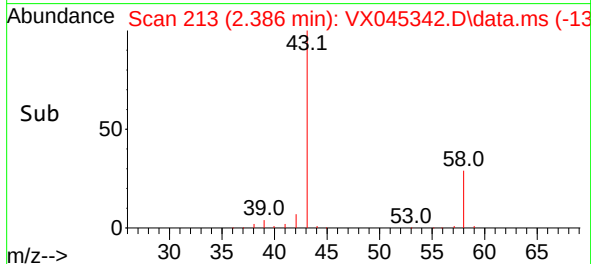
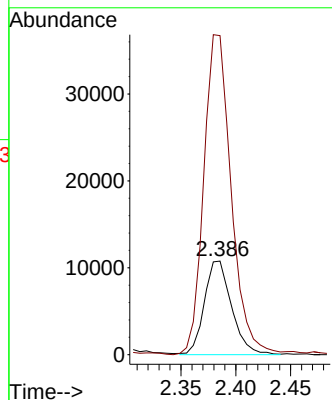
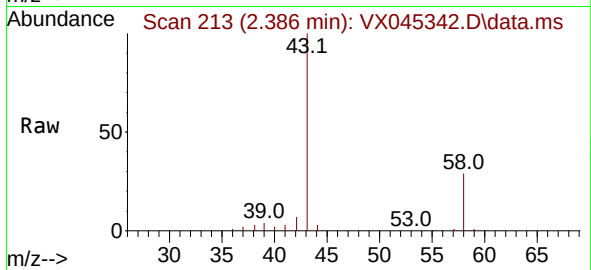
#15
Acetone
Concen: 102.282 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 58 Resp: 18620
Ion Ratio Lower Upper
58 100
43 341.0 258.6 388.0

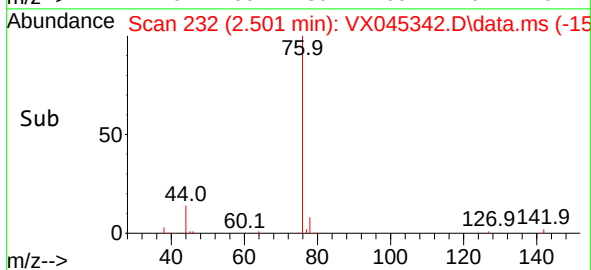
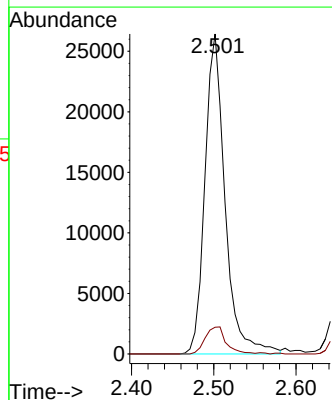
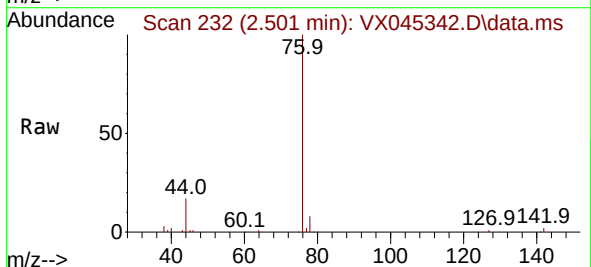
Manual Integrations
APPROVED

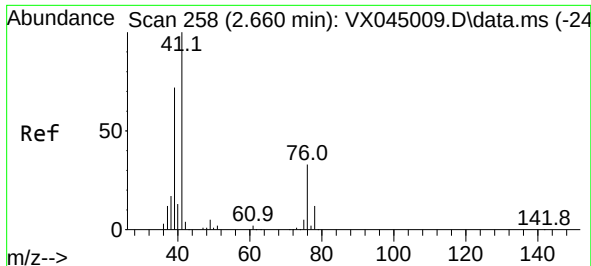
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#16
Carbon Disulfide
Concen: 13.526 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

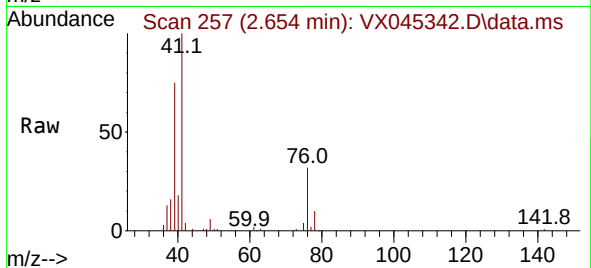
Tgt Ion: 76 Resp: 44896
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9





#17
 Allyl chloride
 Concen: 17.170 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045342.D
 Acq: 19 Mar 2025 12:15

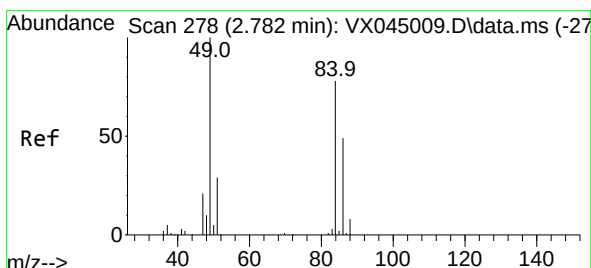
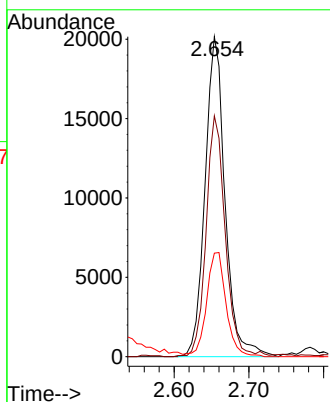
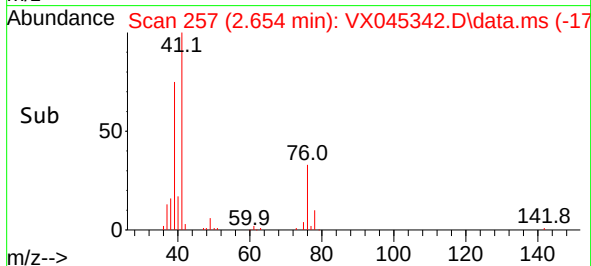
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01



Tgt Ion: 41 Resp: 3758
 Ion Ratio Lower Upper
 41 100
 39 74.9 36.2 108.6
 76 32.3 17.2 51.5

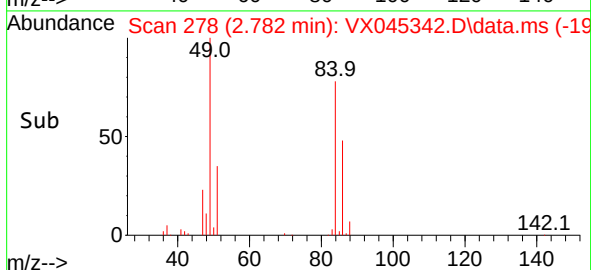
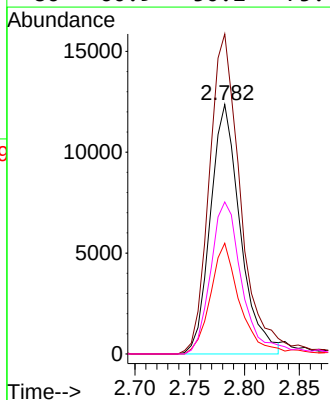
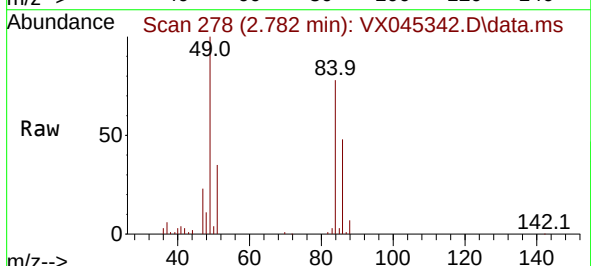
Manual Integrations
 APPROVED

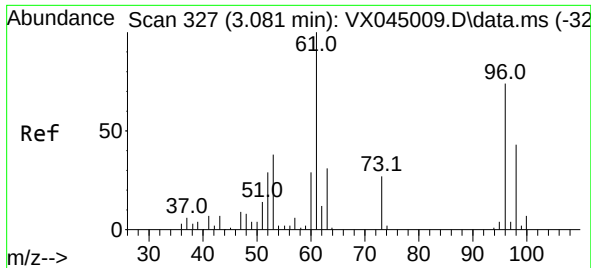
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#18
 Methylene Chloride
 Concen: 17.804 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045342.D
 Acq: 19 Mar 2025 12:15

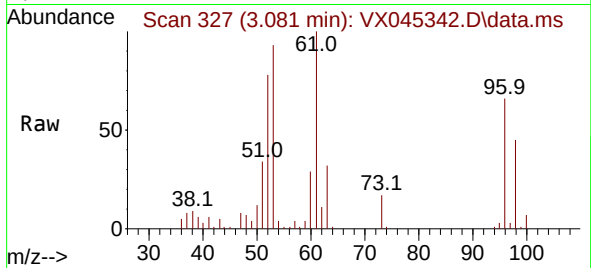
Tgt Ion: 84 Resp: 23434
 Ion Ratio Lower Upper
 84 100
 49 128.3 102.8 154.2
 51 44.4 30.1 45.1
 86 60.9 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 16.727 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

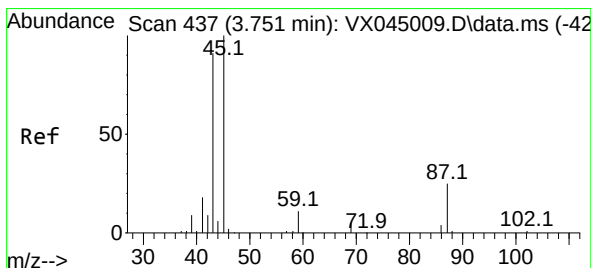
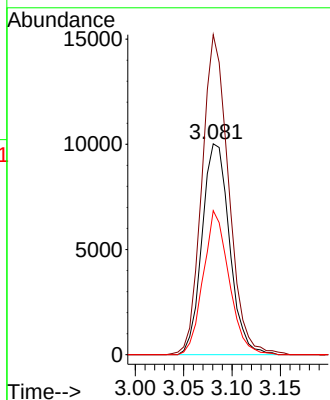
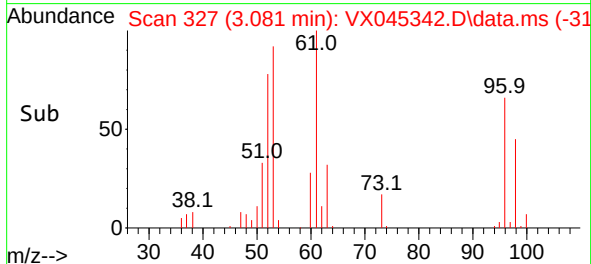
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



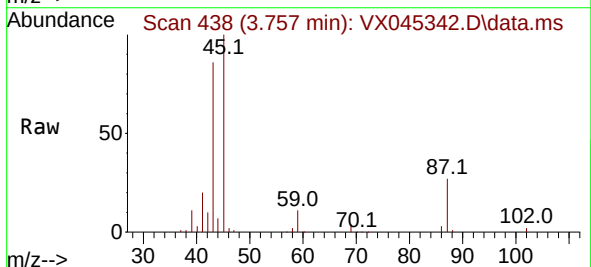
Tgt Ion: 96 Resp: 19804
Ion Ratio Lower Upper
96 100
61 150.5 108.6 163.0
98 68.3 46.5 69.7

Manual Integrations
APPROVED

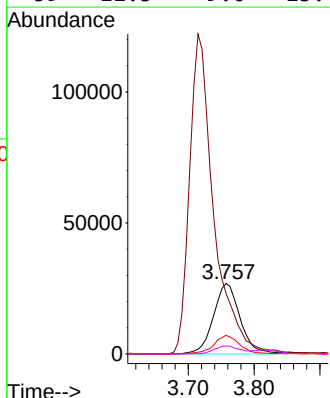
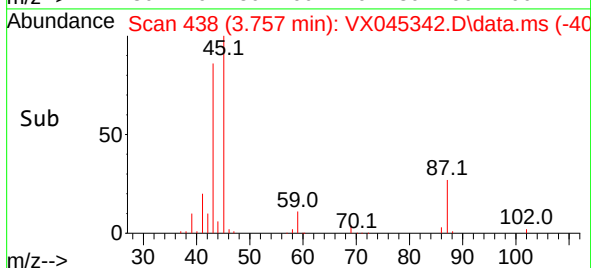
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

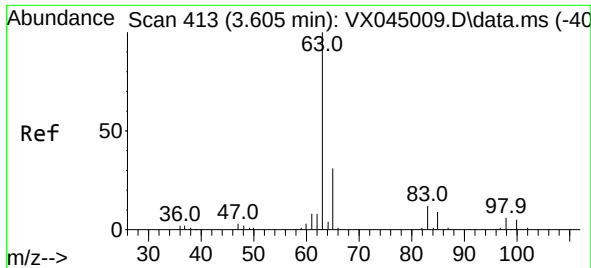


#20
Diisopropyl ether
Concen: 17.952 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion: 45 Resp: 75506
Ion Ratio Lower Upper
45 100
43 81.5 74.4 111.6
87 26.6 19.8 29.8
59 11.3 9.0 13.4





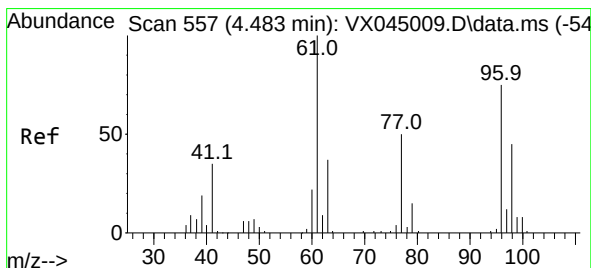
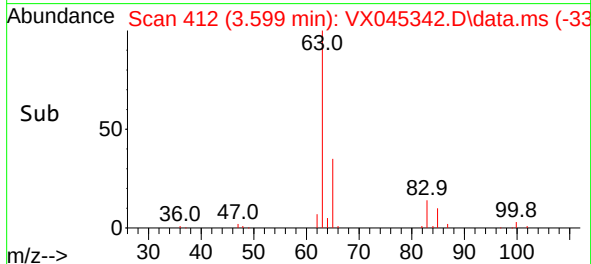
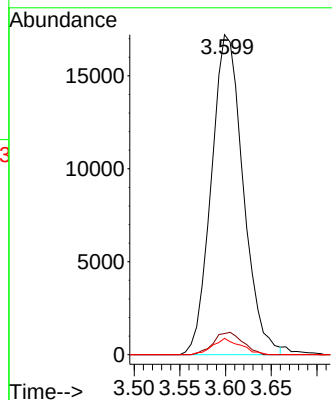
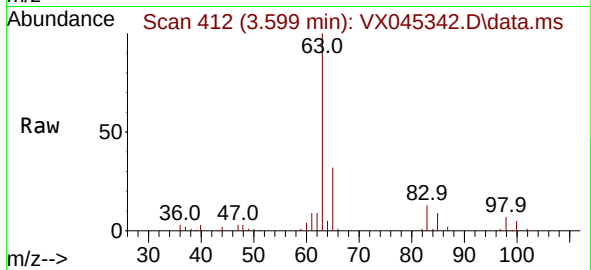
#21
1,1-Dichloroethane
Concen: 17.860 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 63 Resp: 4177
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 5.1 2.4 7.1

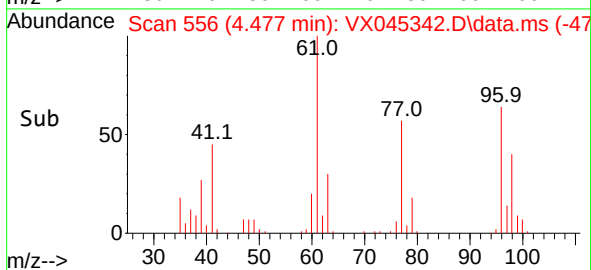
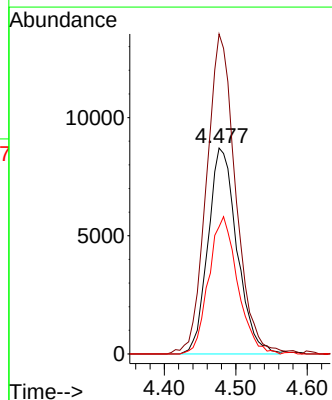
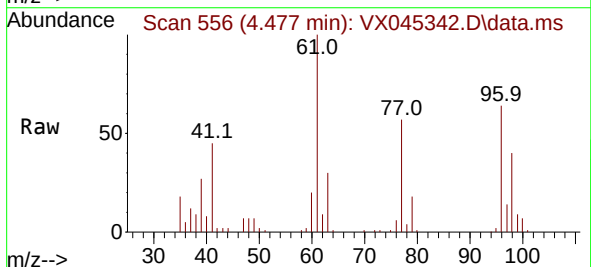
Manual Integrations
APPROVED

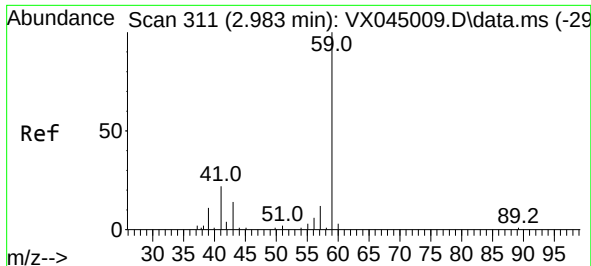
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#22
cis-1,2-Dichloroethene
Concen: 17.278 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 96 Resp: 24514
Ion Ratio Lower Upper
96 100
61 156.1 118.9 178.3
98 66.0 50.7 76.1





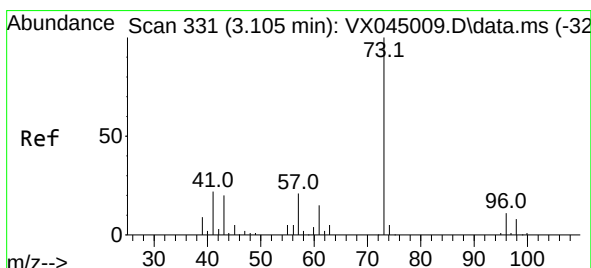
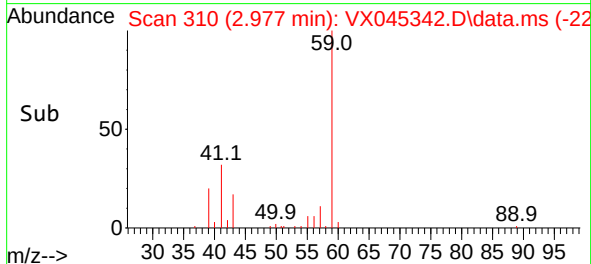
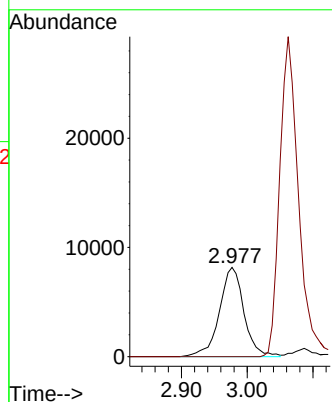
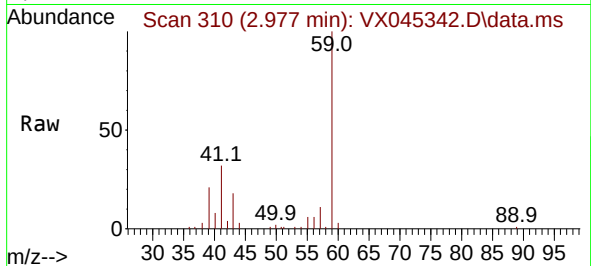
#23
tert-Butyl Alcohol
Concen: 91.751 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 59 Resp: 2126
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

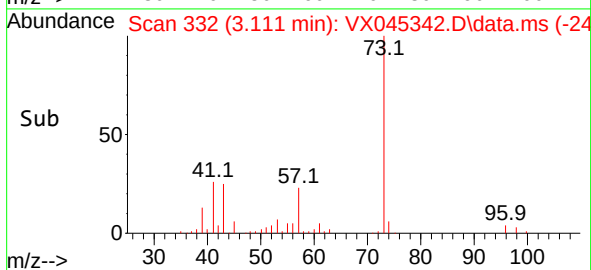
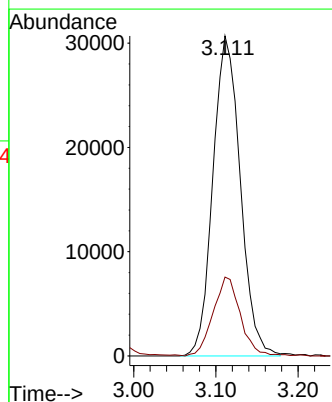
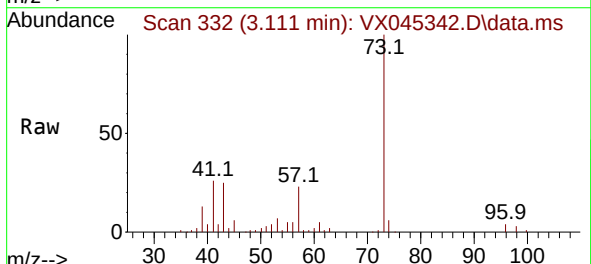
Manual Integrations
APPROVED

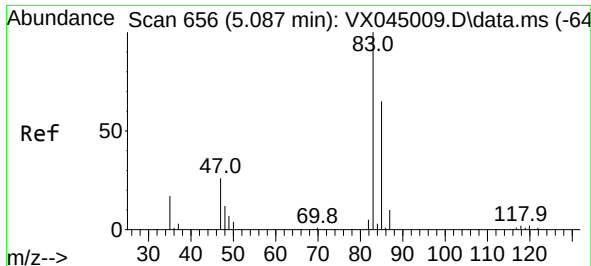
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#24
Methyl tert-Butyl Ether
Concen: 18.595 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 73 Resp: 71024
Ion Ratio Lower Upper
73 100
43 24.2 17.4 26.0





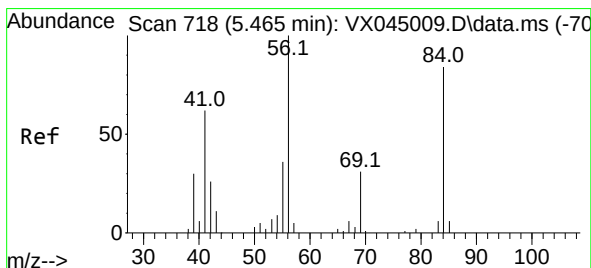
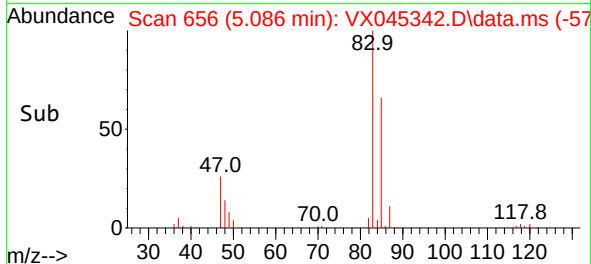
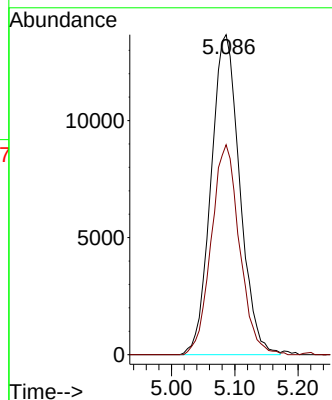
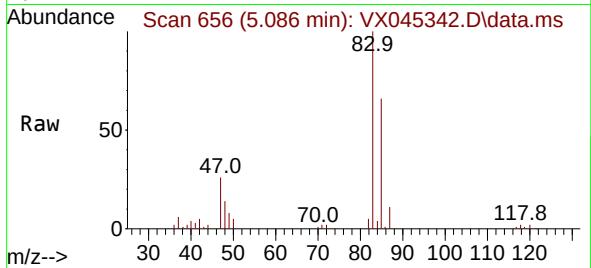
#25
Chloroform
Concen: 19.076 ug/l
RT: 5.086 min Scan# 610
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 83 Resp: 43100
Ion Ratio Lower Upper
83 100
85 65.6 51.7 77.5

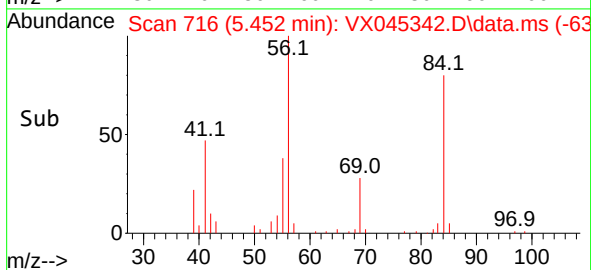
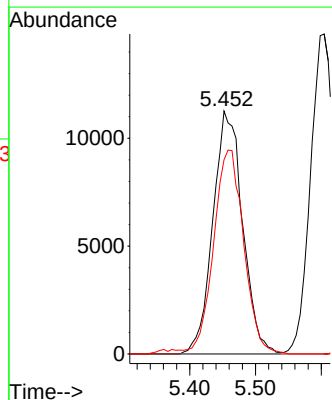
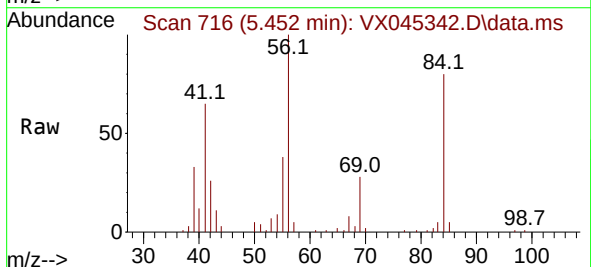
Manual Integrations
APPROVED

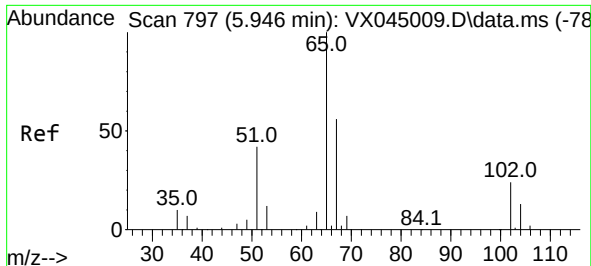
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#26
Cyclohexane
Concen: 16.398 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 56 Resp: 35407
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 31.920 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tgt Ion: 65 Resp: 47760

Ion Ratio Lower Upper

65 100

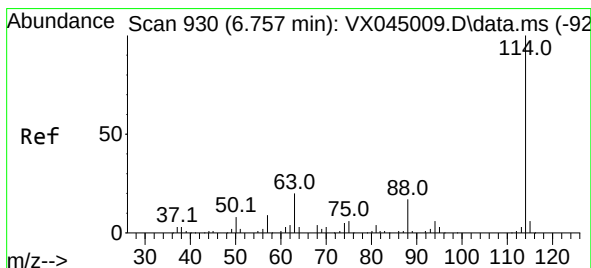
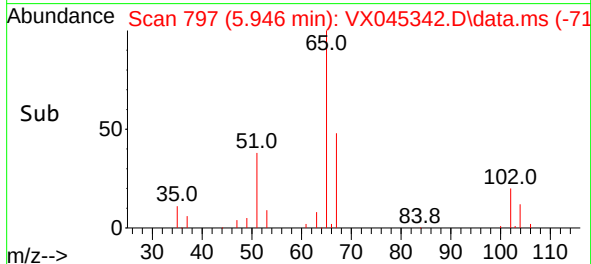
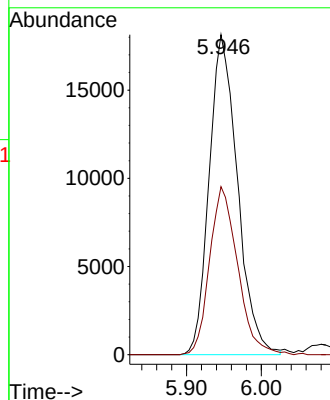
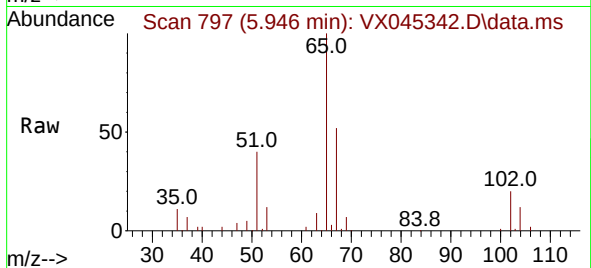
67 52.0 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

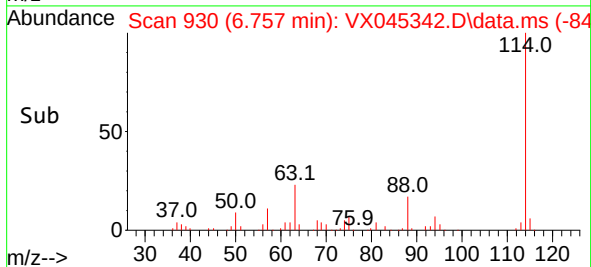
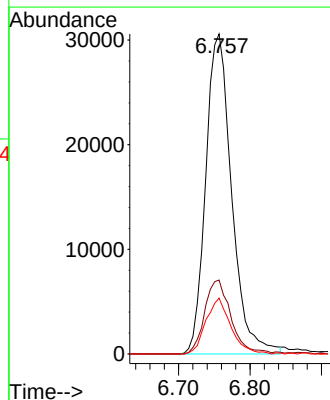
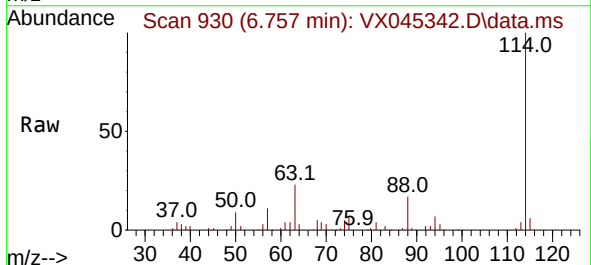
Tgt Ion:114 Resp: 77122

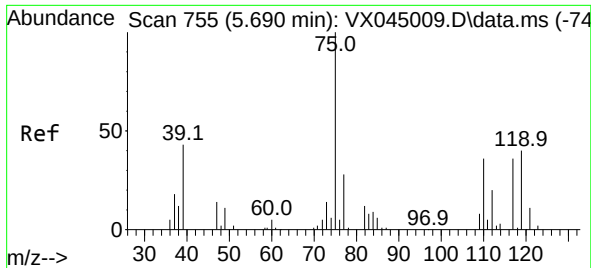
Ion Ratio Lower Upper

114 100

63 23.3 16.8 25.2

88 16.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.953 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tgt Ion: 75 Resp: 2688

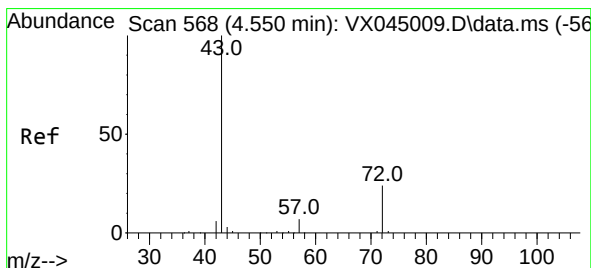
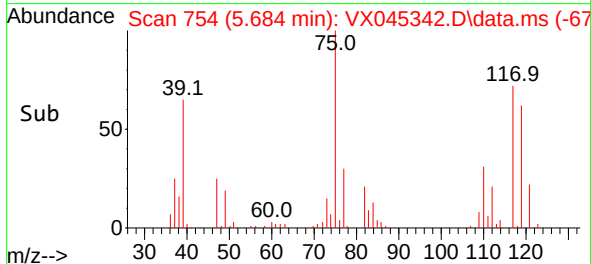
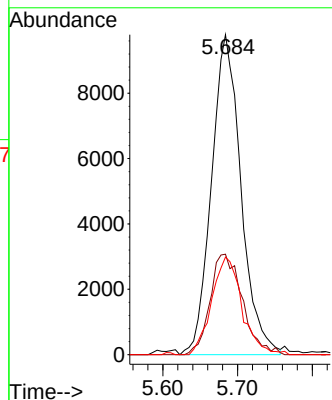
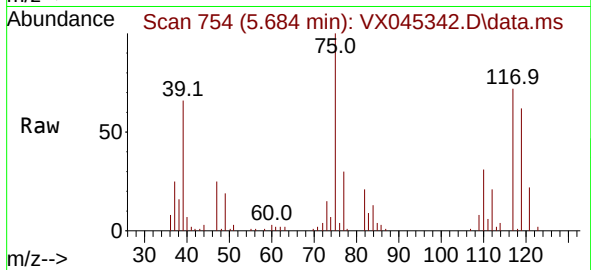
Ion	Ratio	Lower	Upper
75	100		
110	34.4	0.0	69.2
77	31.2	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#30

2-Butanone

Concen: 119.206 ug/l

RT: 4.556 min Scan# 569

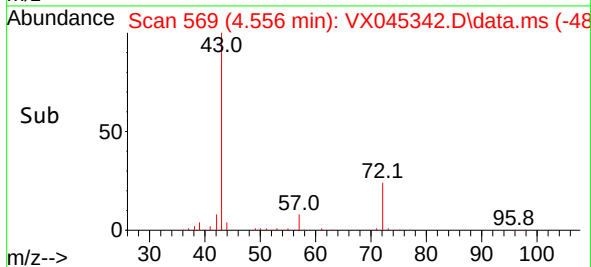
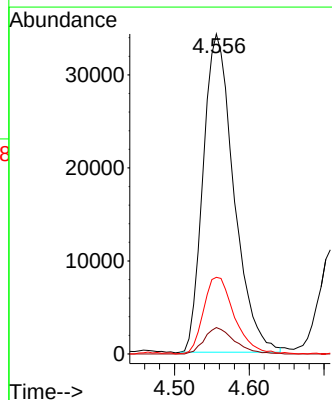
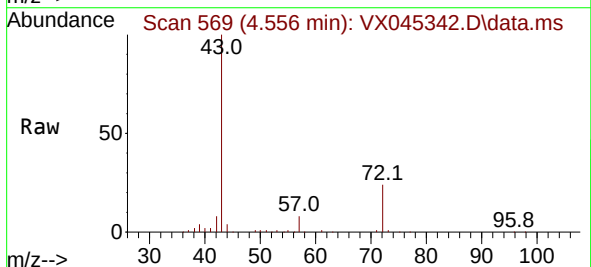
Delta R.T. 0.006 min

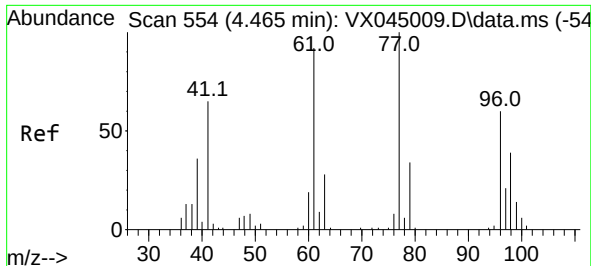
Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Tgt Ion: 43 Resp: 97680

Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.2	9.2
72	24.1	20.2	30.2





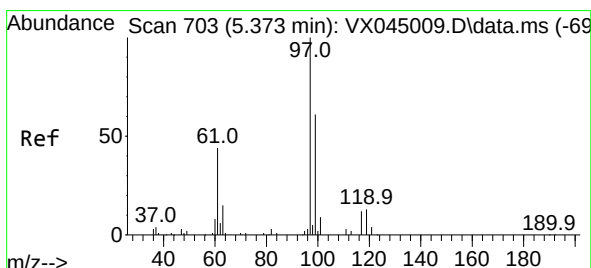
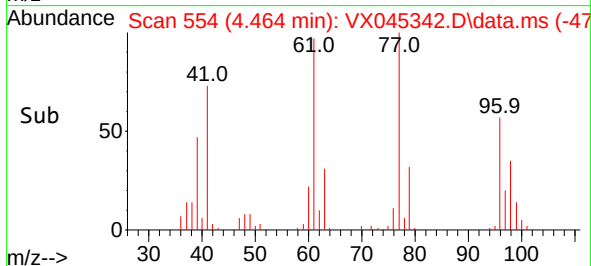
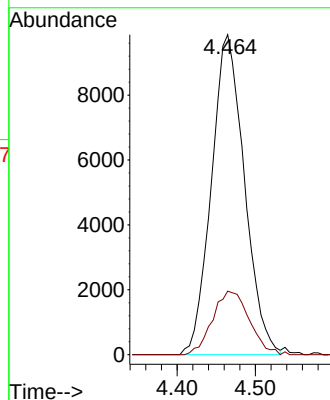
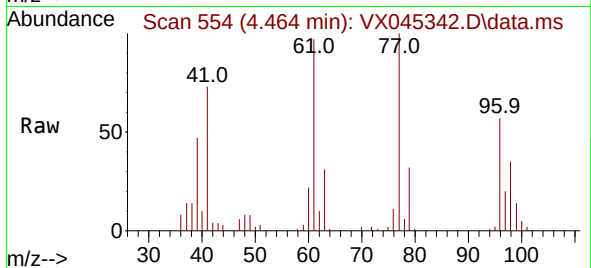
#31
2,2-Dichloropropane
Concen: 18.017 ug/l
RT: 4.464 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 77 Resp: 2890
Ion Ratio Lower Upper
77 100
97 21.8 18.0 27.0

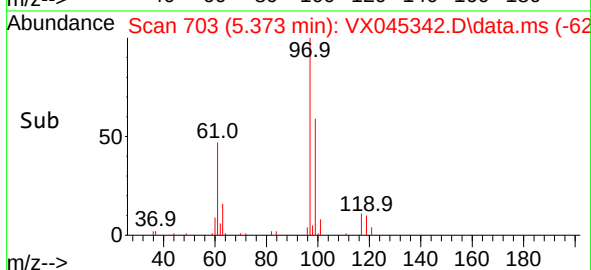
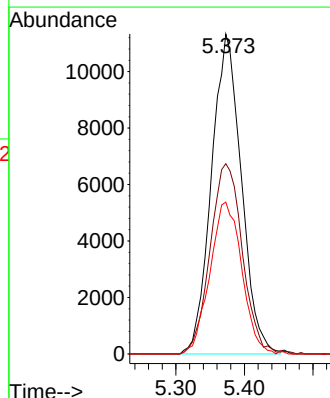
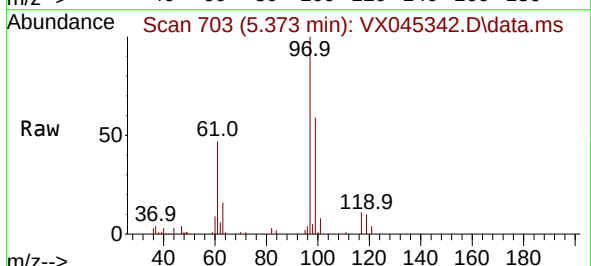
Manual Integrations
APPROVED

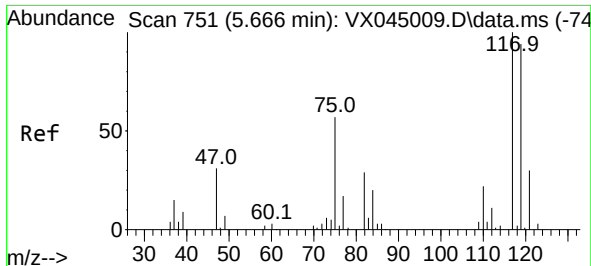
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#32
1,1,1-Trichloroethane
Concen: 19.955 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

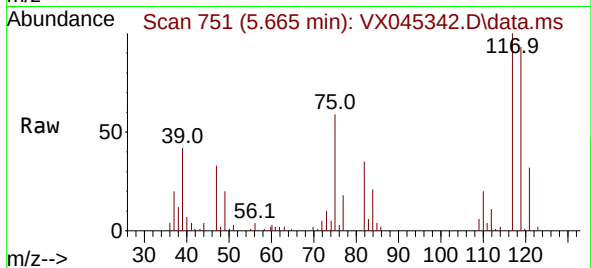
Tgt Ion: 97 Resp: 34301
Ion Ratio Lower Upper
97 100
99 63.3 52.2 78.2
61 50.5 38.5 57.7





#33
Carbon Tetrachloride
Concen: 19.829 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

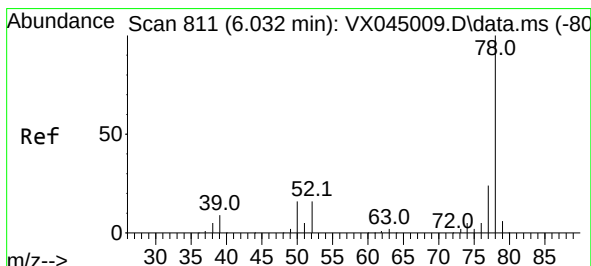
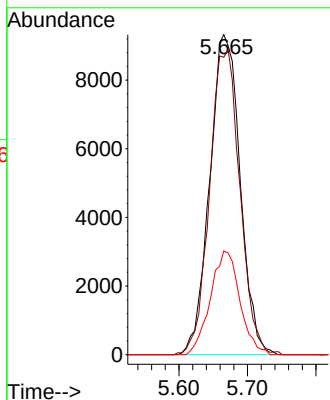
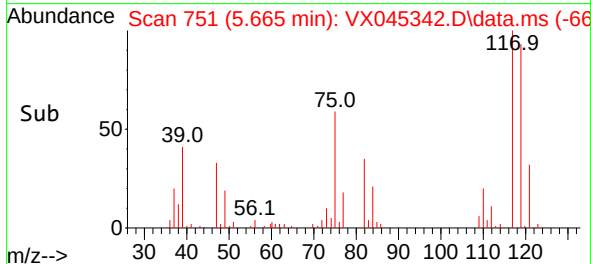
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 117 Resp: 2876
Ion Ratio Lower Upper
117 100
119 92.3 75.1 112.7
121 32.4 23.9 35.9

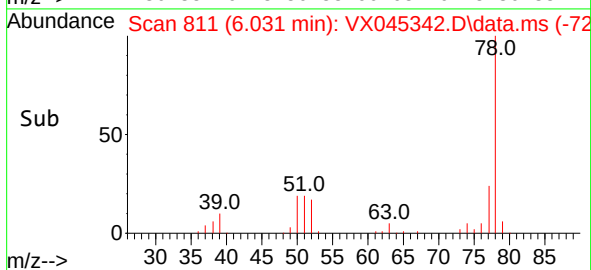
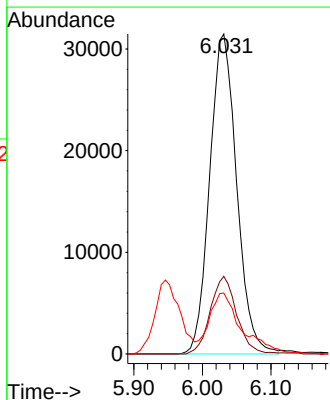
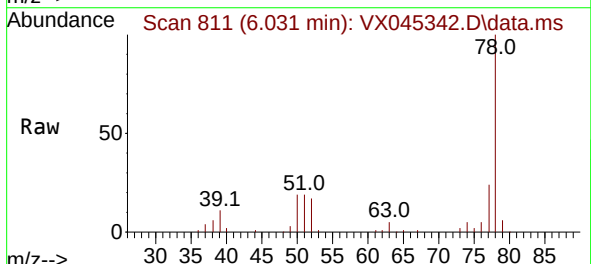
Manual Integrations
APPROVED

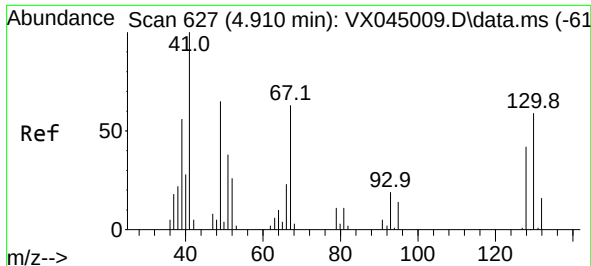
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#34
Benzene
Concen: 19.337 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

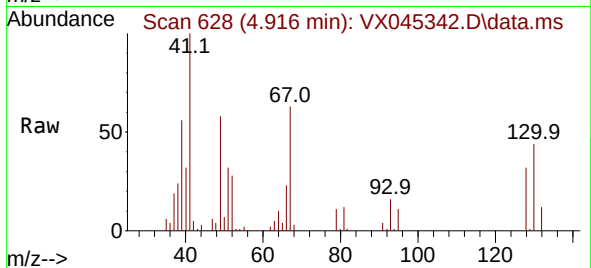
Tgt Ion: 78 Resp: 86029
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4
51 17.5 13.8 20.6





#35
Methacrylonitrile
Concen: 23.437 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

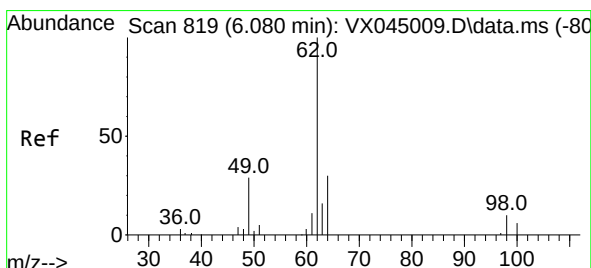
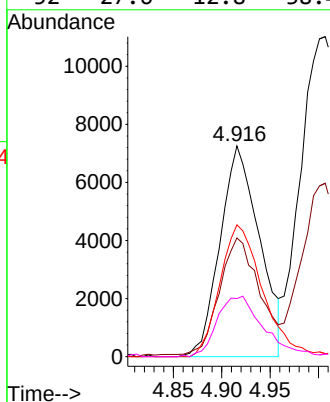
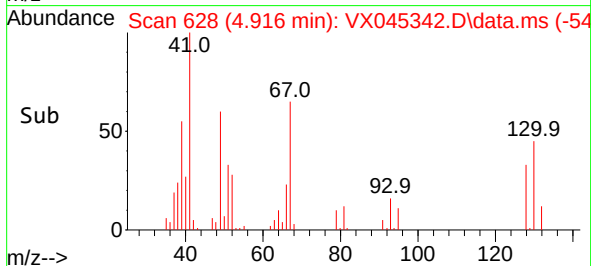
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 41 Resp: 2055
Ion Ratio Lower Upper
41 100
39 55.3 27.8 83.4
67 62.5 31.5 94.5
52 27.6 12.8 38.4

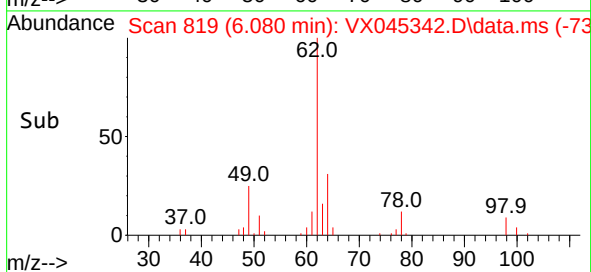
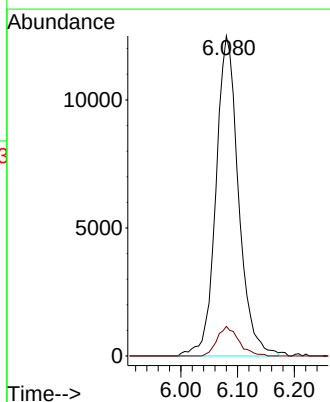
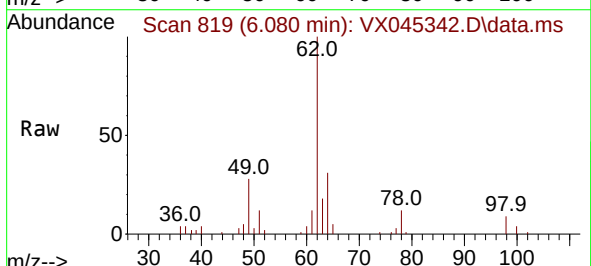
Manual Integrations
APPROVED

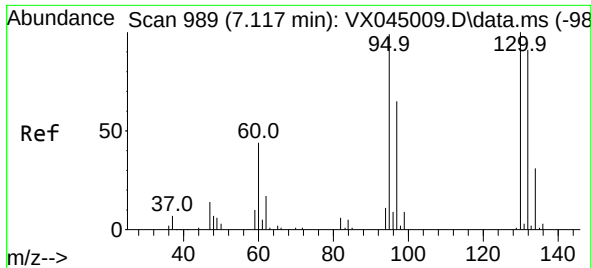
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#36
1,2-Dichloroethane
Concen: 22.731 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

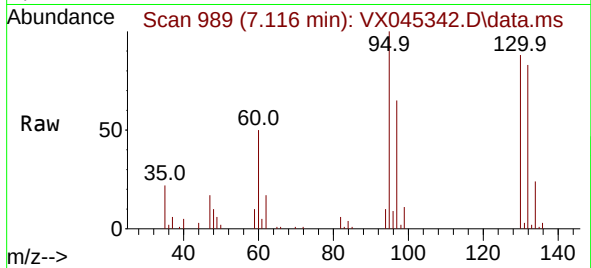
Tgt Ion: 62 Resp: 34623
Ion Ratio Lower Upper
62 100
98 8.7 7.9 11.9





#37
Trichloroethene
Concen: 18.610 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

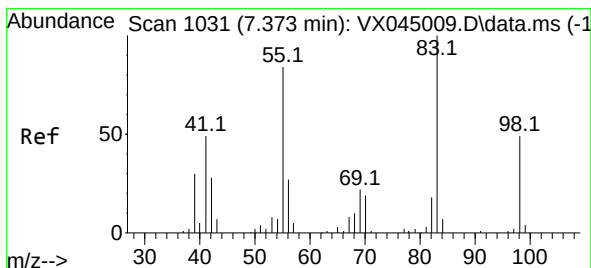
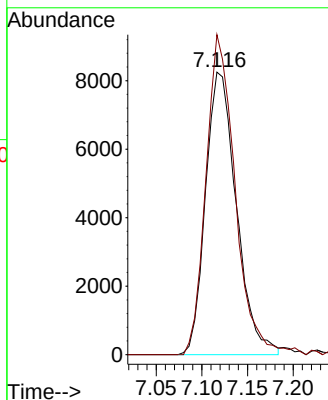
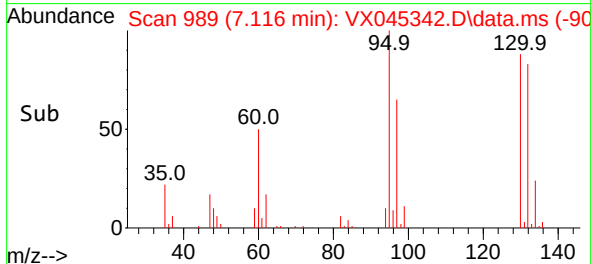
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



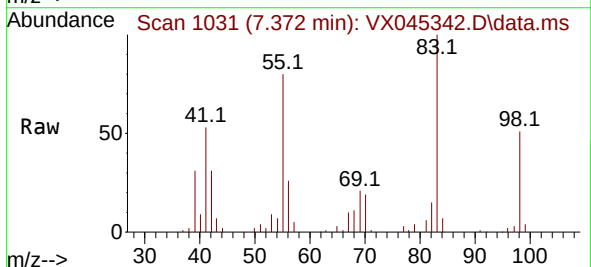
Tgt Ion:130 Resp: 19370
Ion Ratio Lower Upper
130 100
95 113.2 79.0 118.4

Manual Integrations
APPROVED

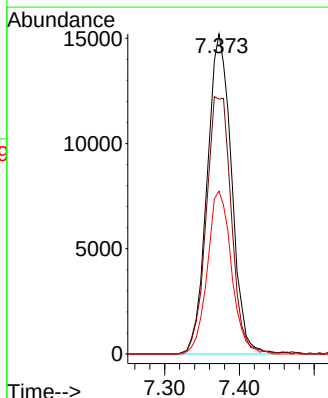
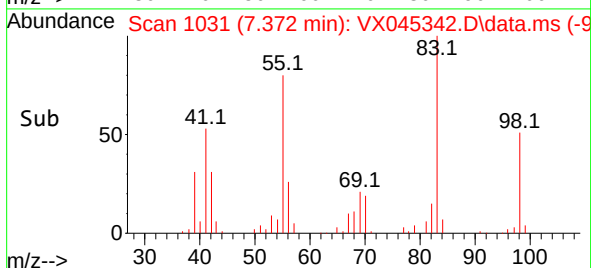
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

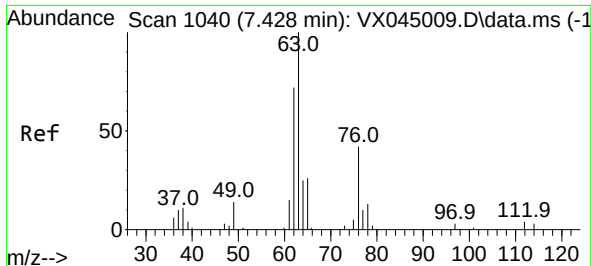


#38
Methylcyclohexane
Concen: 18.107 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion: 83 Resp: 34492
Ion Ratio Lower Upper
83 100
55 82.9 40.6 122.0
98 50.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.449 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tgt Ion: 63 Resp: 2151

Ion Ratio Lower Upper

63 100

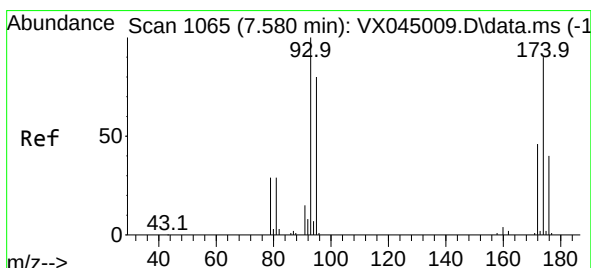
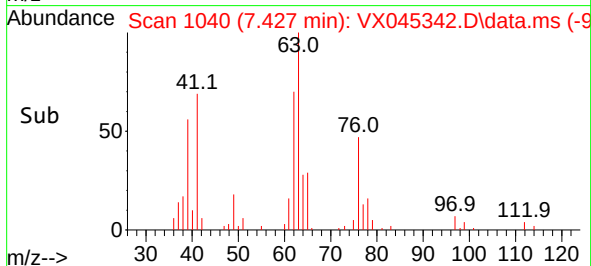
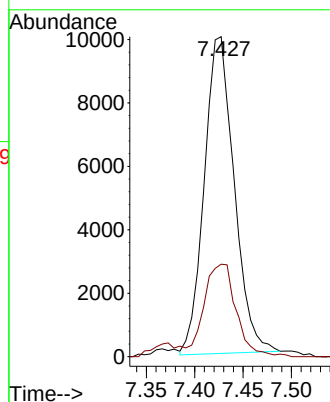
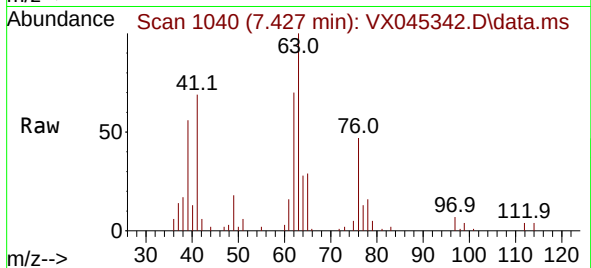
65 28.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#40

Dibromomethane

Concen: 21.387 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

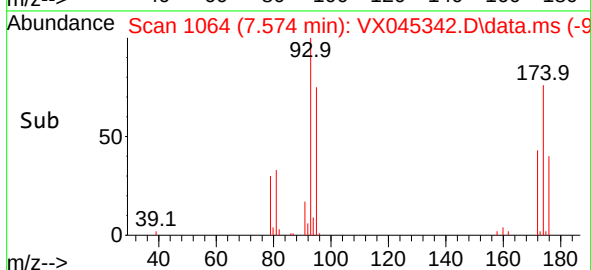
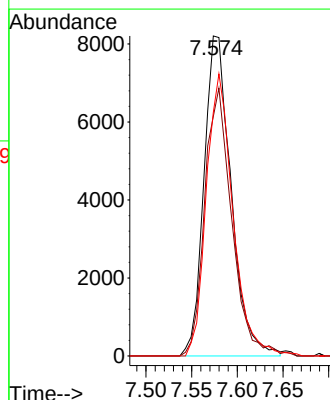
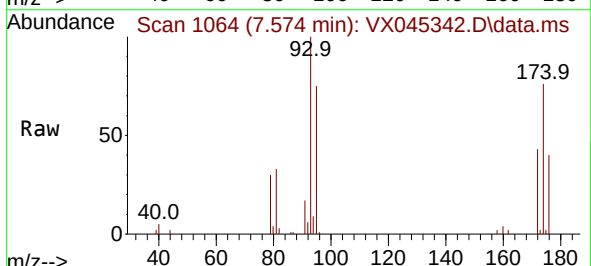
Tgt Ion: 93 Resp: 16975

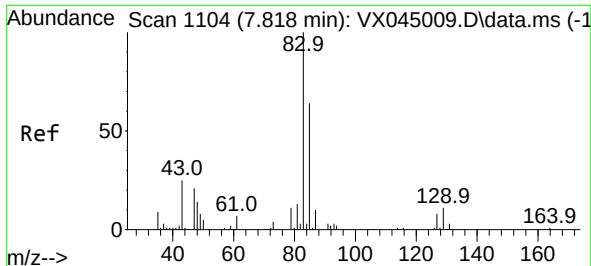
Ion Ratio Lower Upper

93 100

95 81.9 0.0 162.6

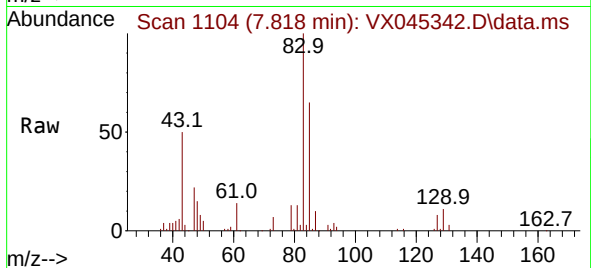
174 86.7 0.0 178.8





#41
Bromodichloromethane
Concen: 20.664 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

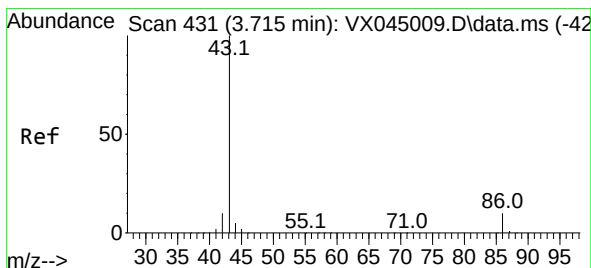
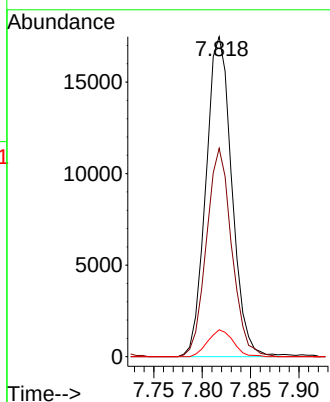
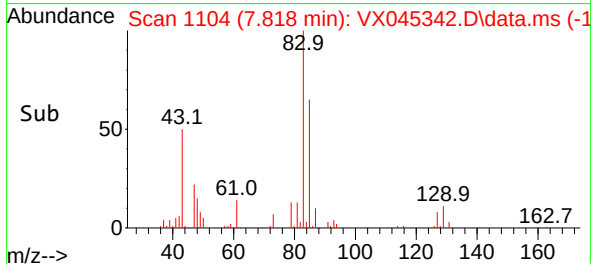
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 83 Resp: 32598
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6
127 8.4 6.1 9.1

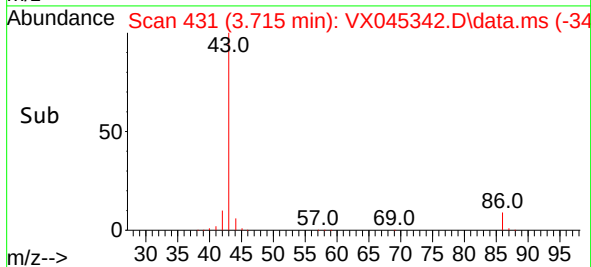
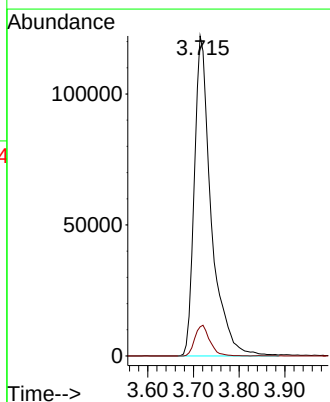
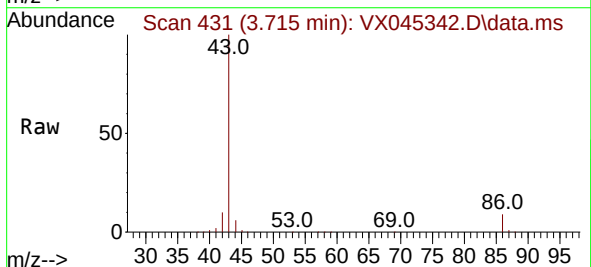
Manual Integrations
APPROVED

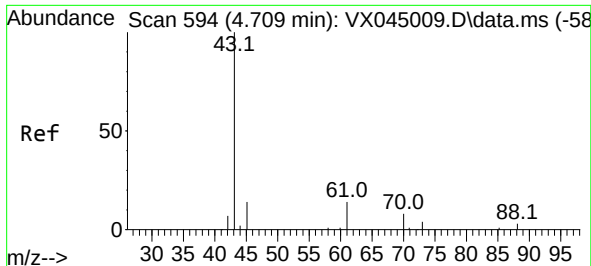
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#42
Vinyl Acetate
Concen: 98.457 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

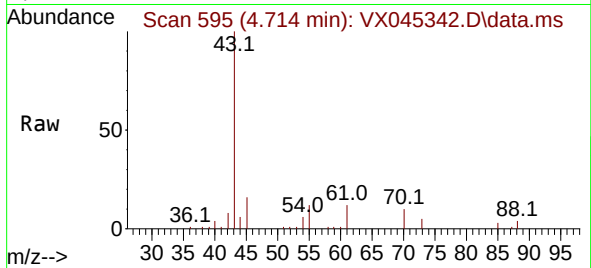
Tgt Ion: 43 Resp: 313074
Ion Ratio Lower Upper
43 100
86 8.5 7.0 10.4





#43
Ethyl Acetate
Concen: 21.902 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

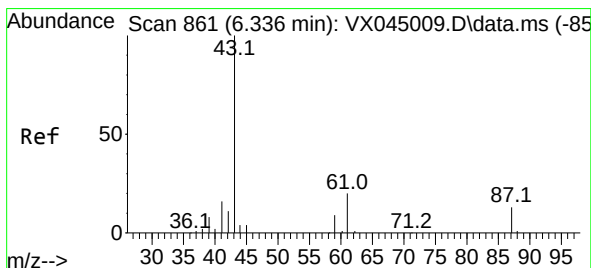
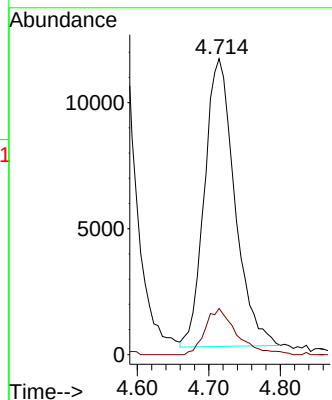
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 43 Resp: 33650
Ion Ratio Lower Upper
43 100
45 16.3 12.7 19.1

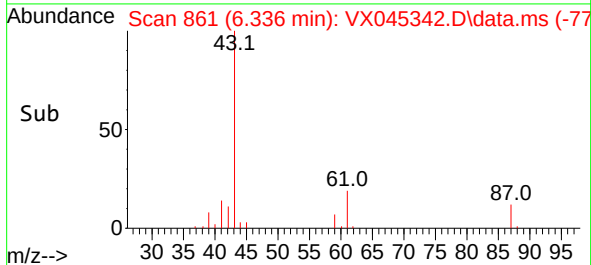
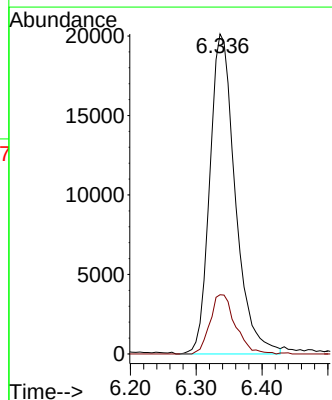
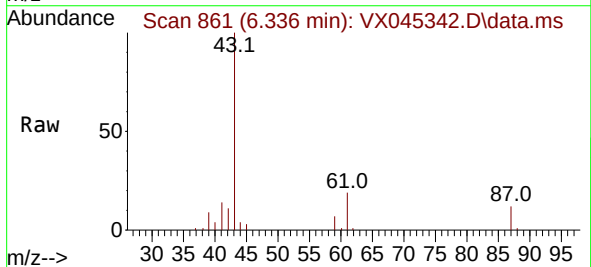
Manual Integrations
APPROVED

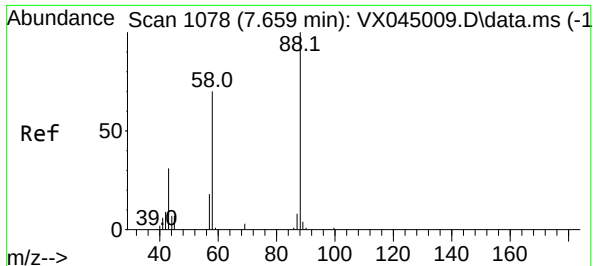
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#44
Isopropyl Acetate
Concen: 21.475 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

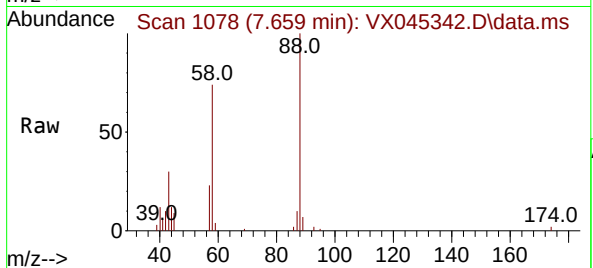
Tgt Ion: 43 Resp: 54315
Ion Ratio Lower Upper
43 100
61 18.3 15.5 23.3





#45
1,4-Dioxane
Concen: 392.707 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

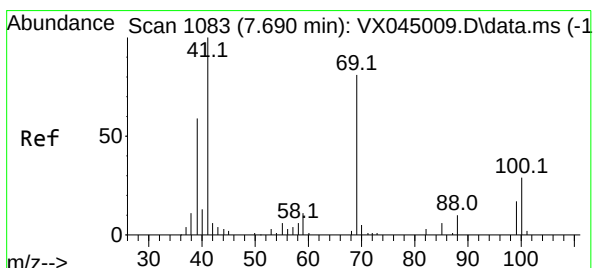
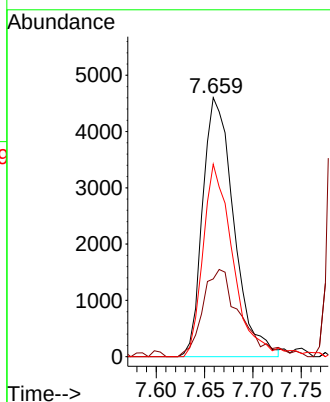
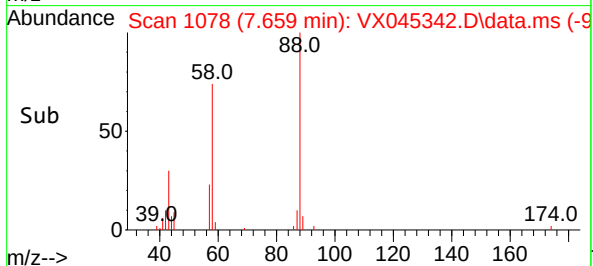
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



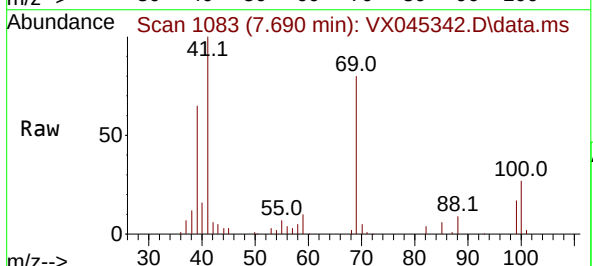
Tgt Ion: 88 Resp: 1032
Ion Ratio Lower Upper
88 100
43 40.4 29.6 44.4
58 70.1 56.2 84.4

Manual Integrations
APPROVED

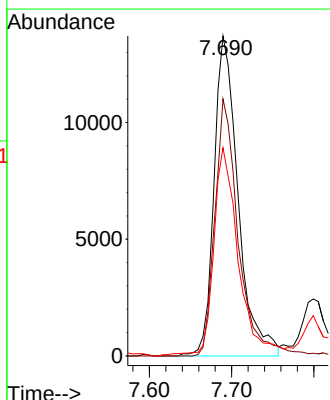
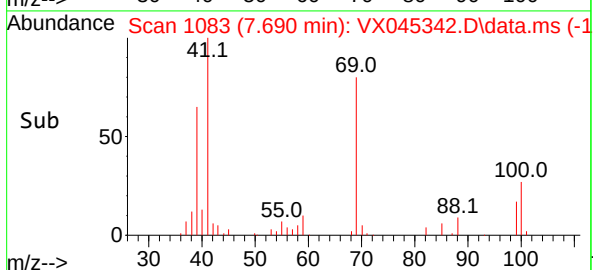
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

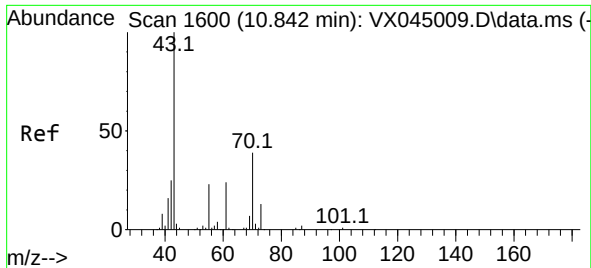


#46
Methyl methacrylate
Concen: 22.506 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion: 41 Resp: 27912
Ion Ratio Lower Upper
41 100
69 80.3 40.7 122.1
39 64.3 29.5 88.5





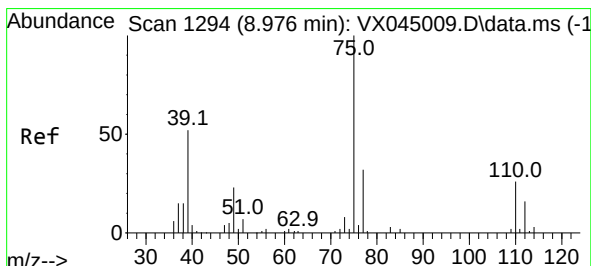
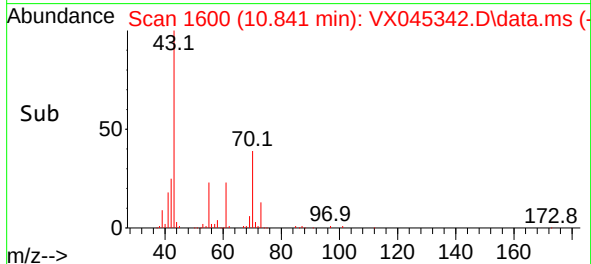
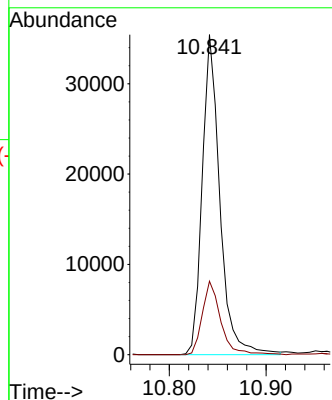
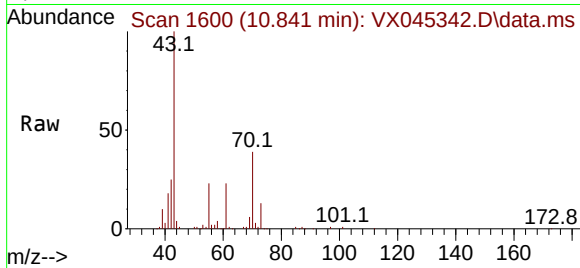
#47
n-amy1 Acetate
Concen: 20.528 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 43 Resp: 4505
Ion Ratio Lower Upper
43 100
55 23.4 18.6 27.8

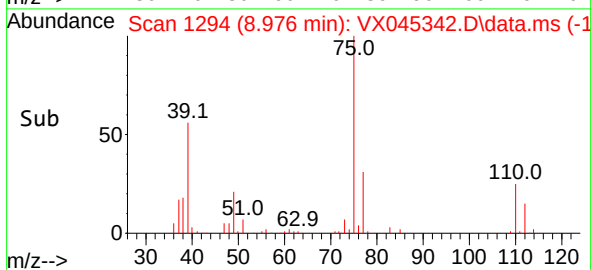
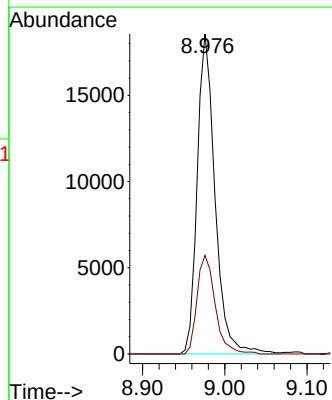
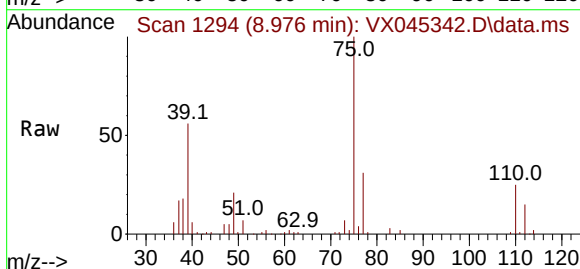
Manual Integrations
APPROVED

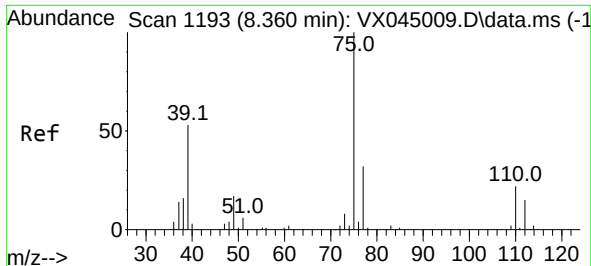
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#48
t-1,3-Dichloropropene
Concen: 18.383 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 75 Resp: 27952
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.386 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tgt Ion: 75 Resp: 3336

Ion Ratio Lower Upper

75 100

77 30.6 25.9 38.9

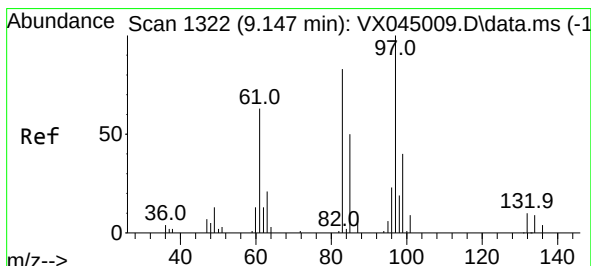
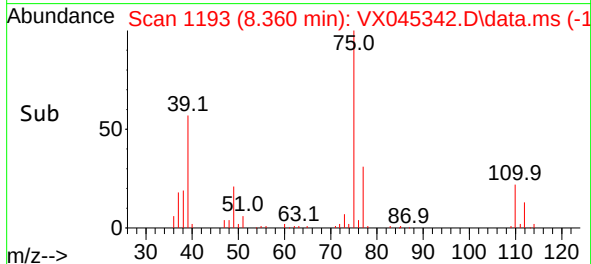
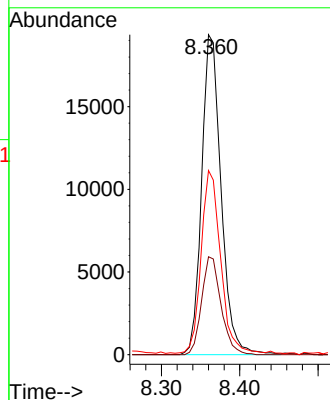
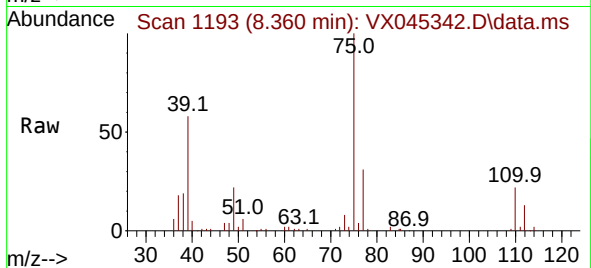
39 57.1 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#50

1,1,2-Trichloroethane

Concen: 20.785 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Tgt Ion: 97 Resp: 21519

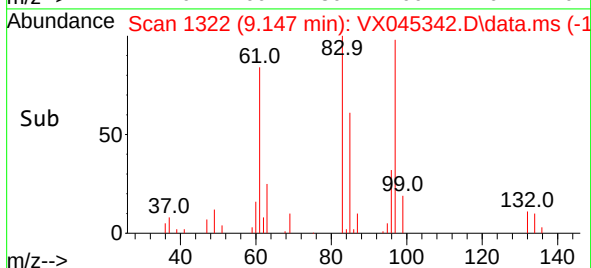
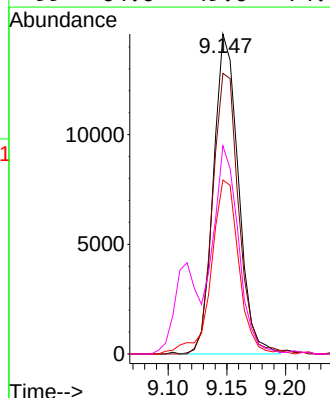
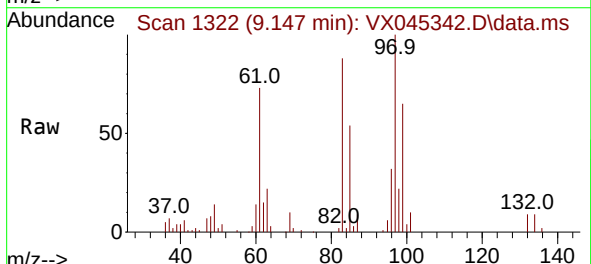
Ion Ratio Lower Upper

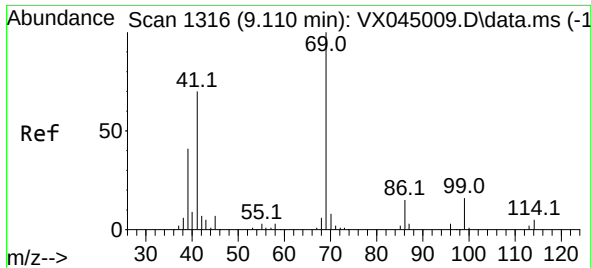
97 100

83 87.7 66.0 99.0

85 53.3 42.5 63.7

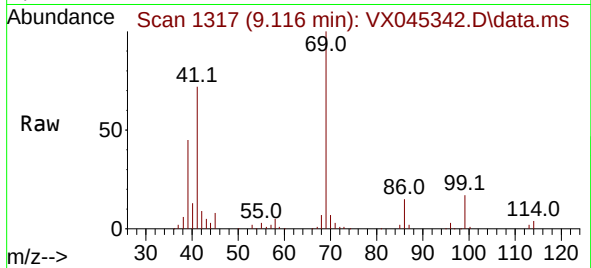
99 64.6 49.6 74.4





#51
Ethyl methacrylate
Concen: 21.816 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

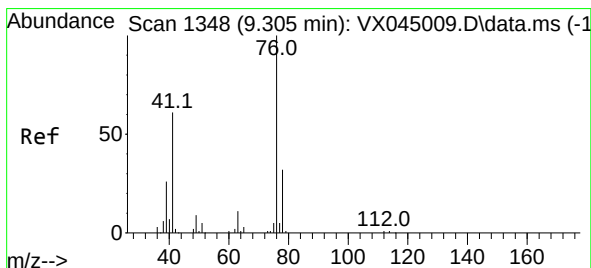
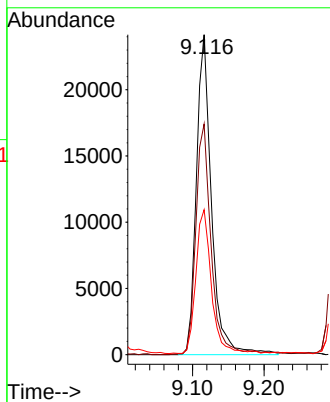
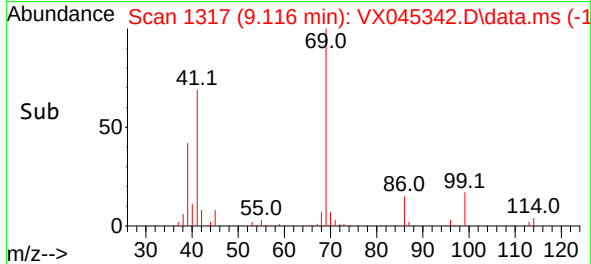
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 69 Resp: 3552
Ion Ratio Lower Upper
69 100
41 71.8 35.1 105.3
39 44.9 20.5 61.6

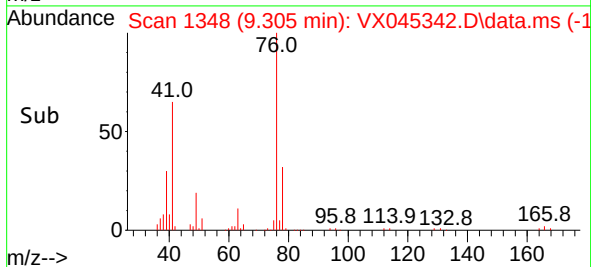
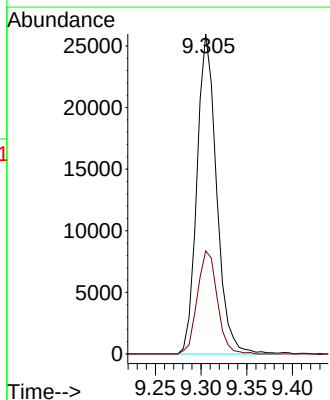
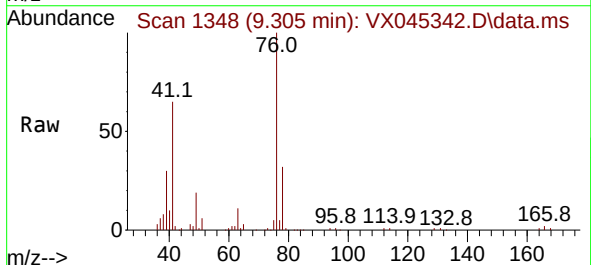
Manual Integrations
APPROVED

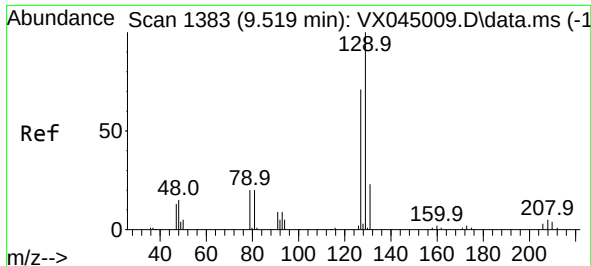
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#52
1,3-Dichloropropane
Concen: 21.385 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

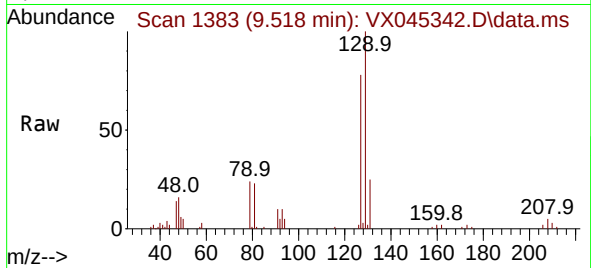
Tgt Ion: 76 Resp: 38794
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.6





#53
Dibromochloromethane
Concen: 20.309 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

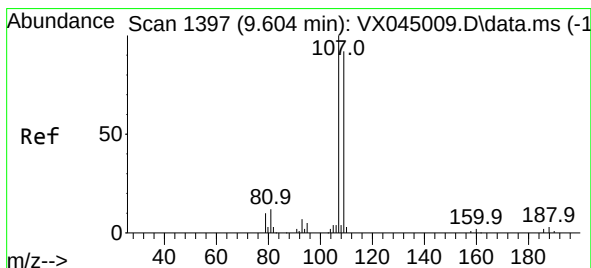
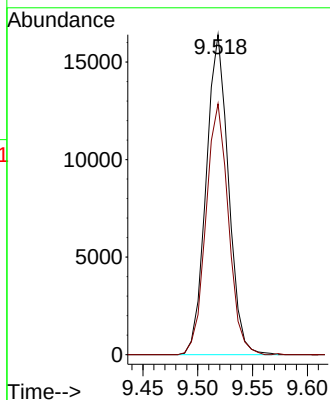
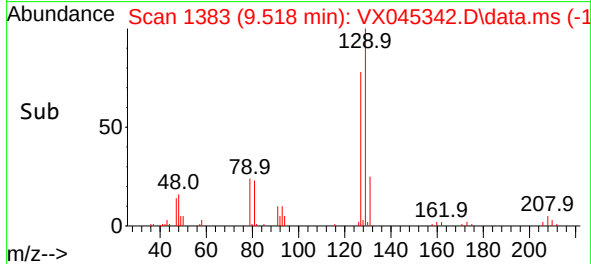
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



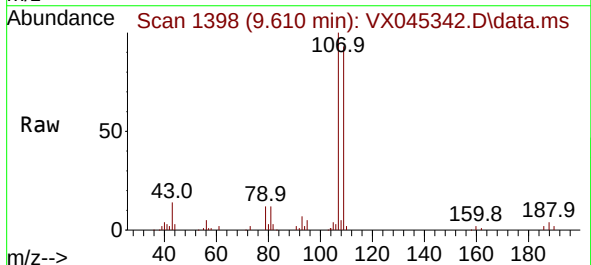
Tgt Ion:129 Resp: 23254
Ion Ratio Lower Upper
129 100
127 79.0 37.3 111.9

Manual Integrations
APPROVED

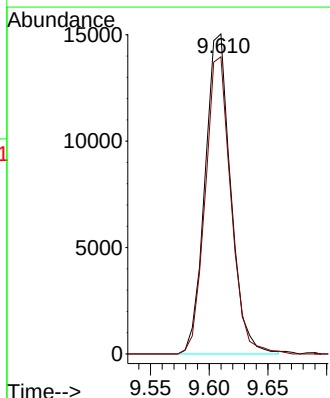
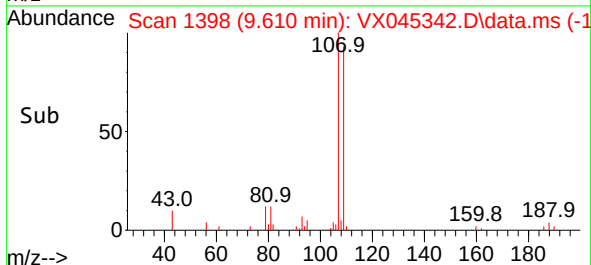
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

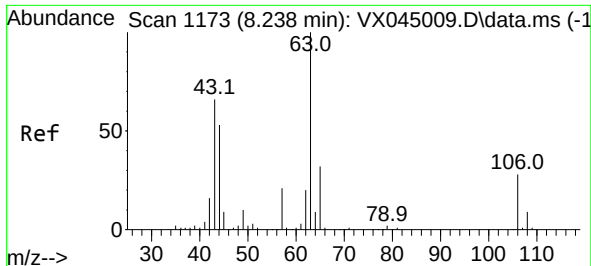


#54
1,2-Dibromoethane
Concen: 21.782 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion:107 Resp: 22899
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 116.377 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

Tgt Ion: 63 Resp: 97308

Ion Ratio Lower Upper

63 100

65 32.6 26.2 39.2

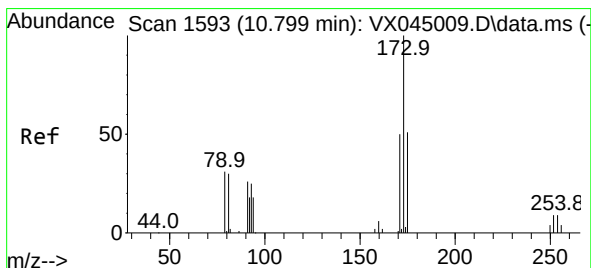
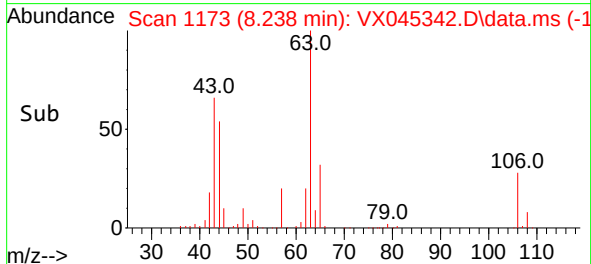
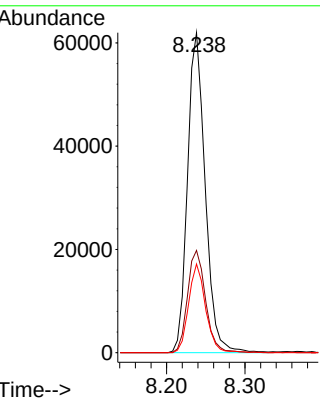
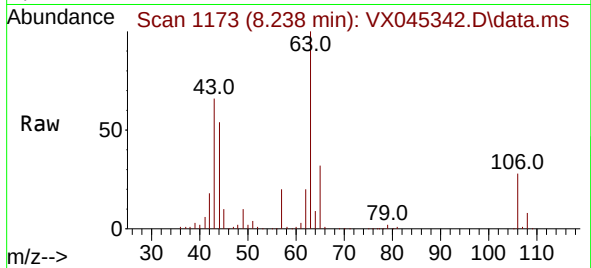
106 26.5 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#56

Bromoform

Concen: 20.701 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

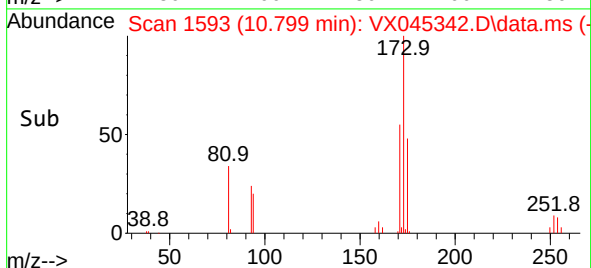
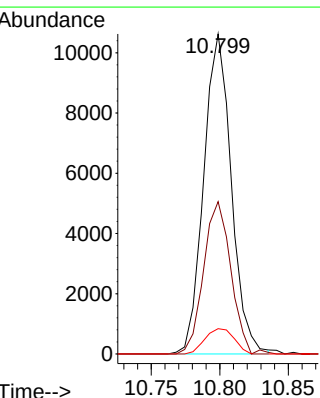
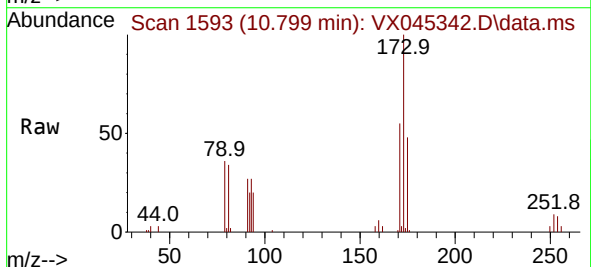
Tgt Ion:173 Resp: 14853

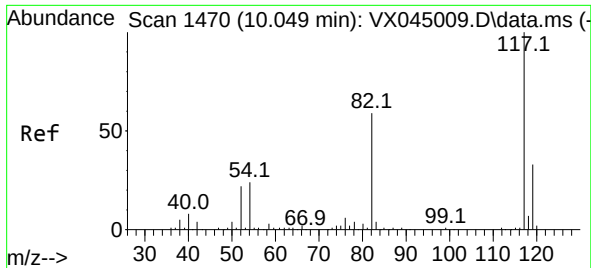
Ion Ratio Lower Upper

173 100

175 46.5 39.6 59.4

254 8.4 6.3 9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

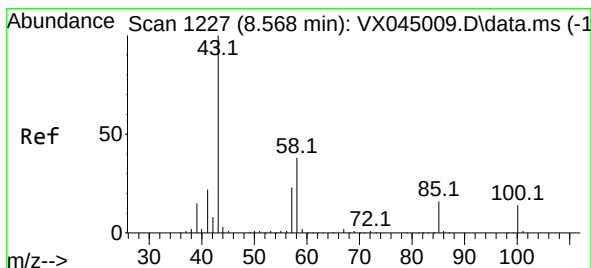
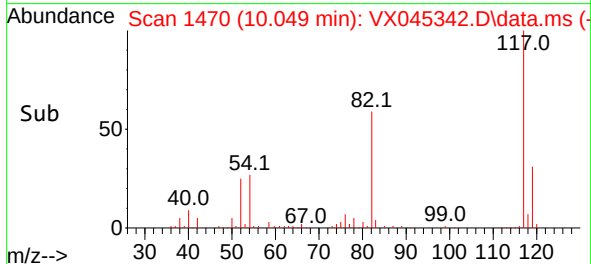
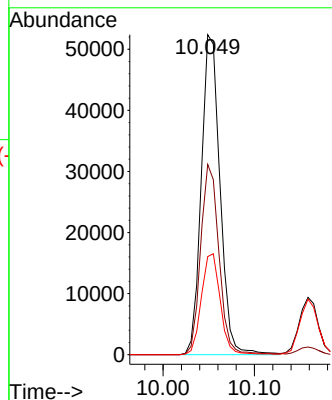
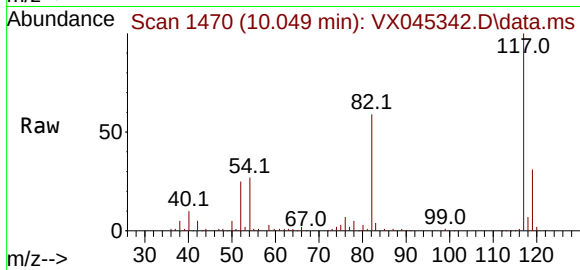
Tgt Ion:	117	Resp:	7453
Ion Ratio	Lower	Upper	
117	100		
82	57.9	45.8	68.8
119	31.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#58

4-Methyl-2-Pentanone

Concen: 116.520 ug/l

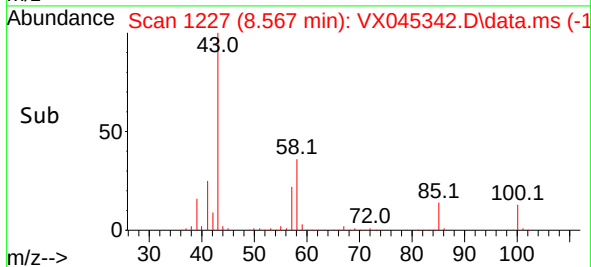
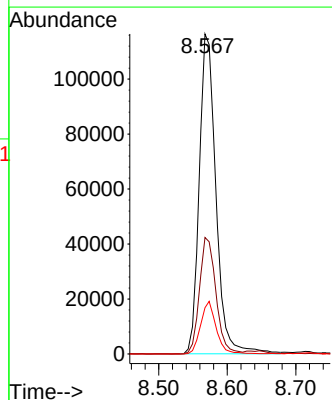
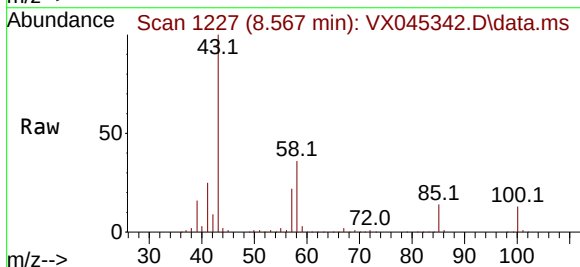
RT: 8.567 min Scan# 1227

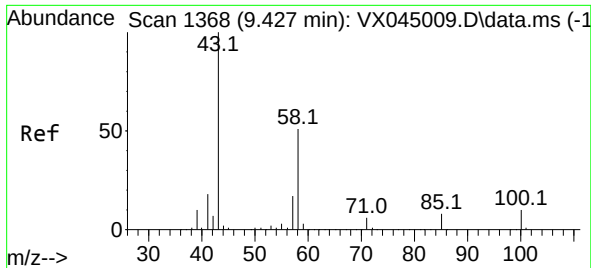
Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Tgt Ion:	43	Resp:	197562
Ion Ratio	Lower	Upper	
43	100		
58	35.9	29.5	44.3
85	15.4	12.9	19.3





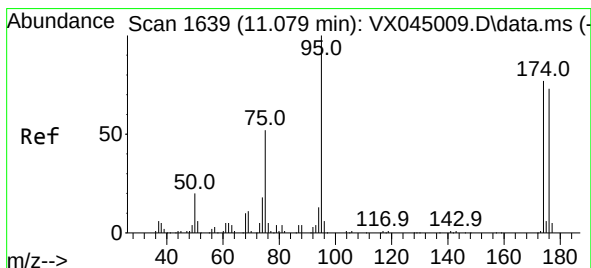
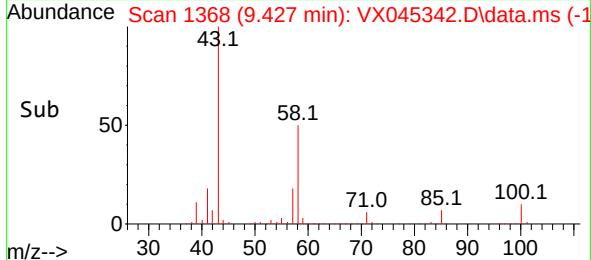
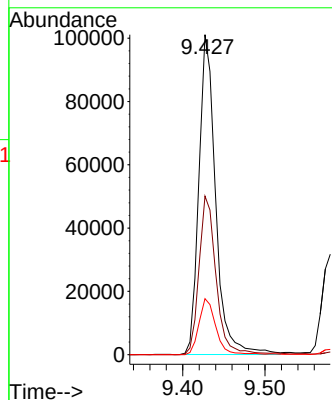
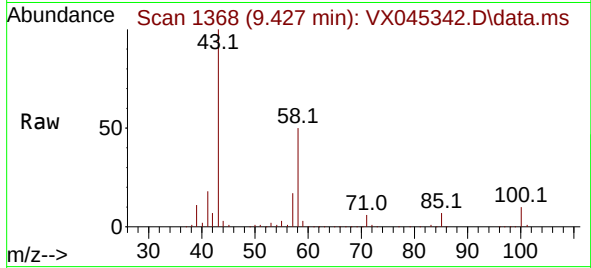
#59
2-Hexanone
Concen: 117.085 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 43 Resp: 143492
Ion Ratio Lower Upper
43 100
58 50.4 41.6 62.4
57 17.3 13.8 20.6

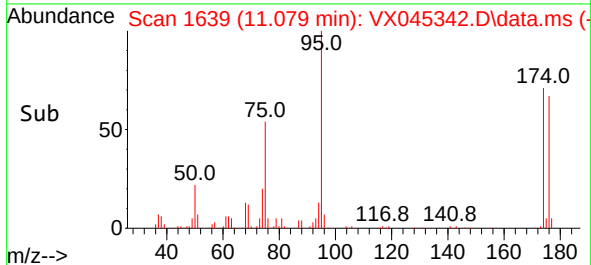
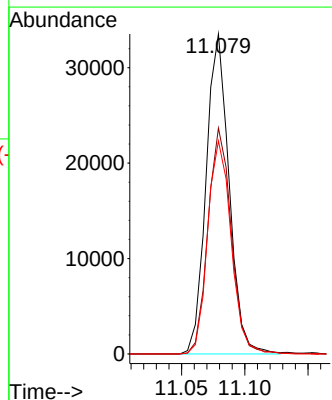
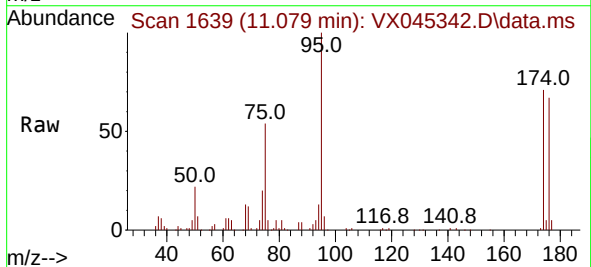
Manual Integrations
APPROVED

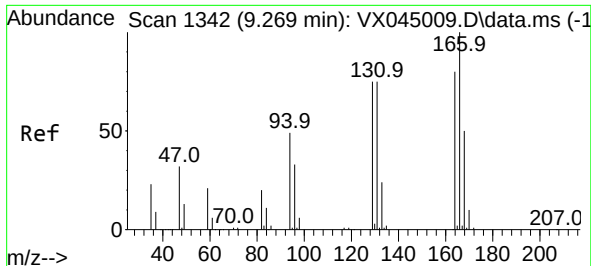
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#60
4-Bromofluorobenzene
Concen: 30.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

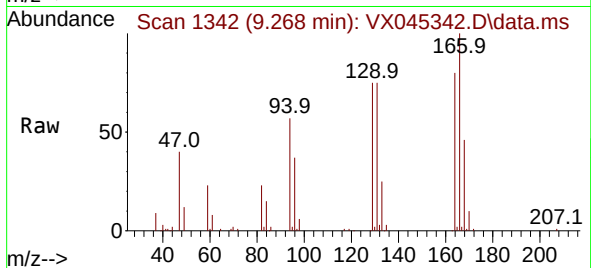
Tgt Ion: 95 Resp: 42472
Ion Ratio Lower Upper
95 100
174 71.3 59.5 89.3
176 67.8 55.5 83.3





#61
Tetrachloroethene
Concen: 18.890 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

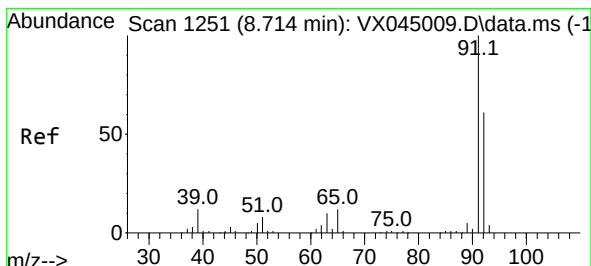
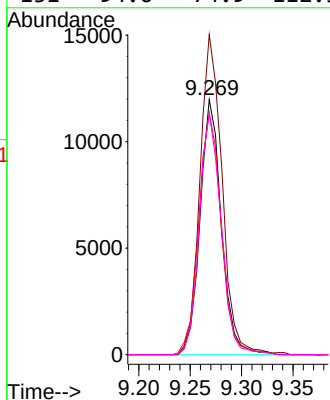
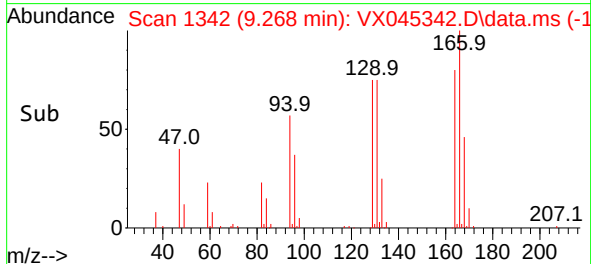
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion:164 Resp: 17338
Ion Ratio Lower Upper
164 100
166 125.5 100.3 150.5
129 94.7 75.5 113.3
131 94.6 74.9 112.3

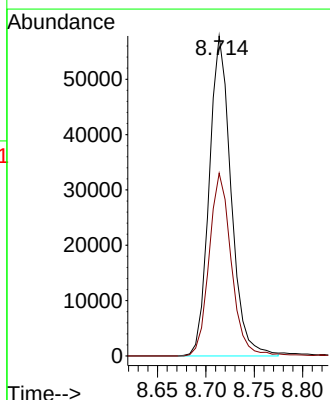
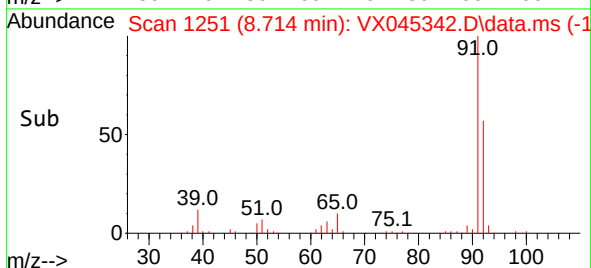
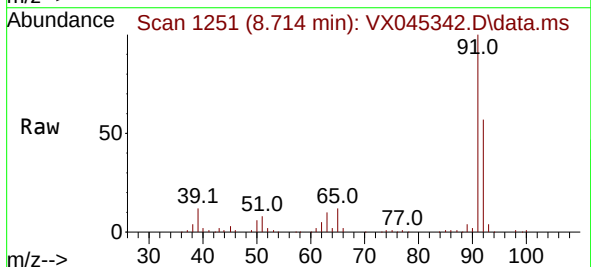
Manual Integrations
APPROVED

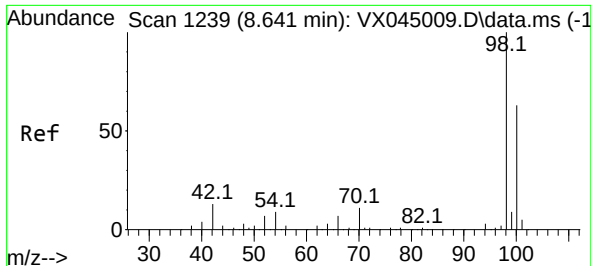
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#62
Toluene
Concen: 18.417 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 91 Resp: 90934
Ion Ratio Lower Upper
91 100
92 57.6 46.9 70.3





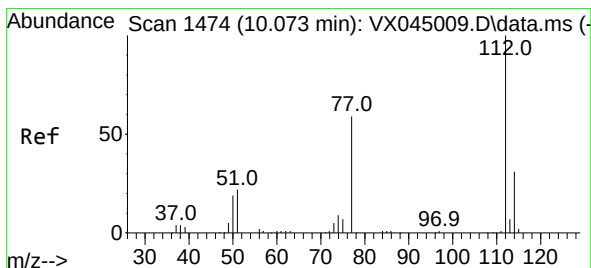
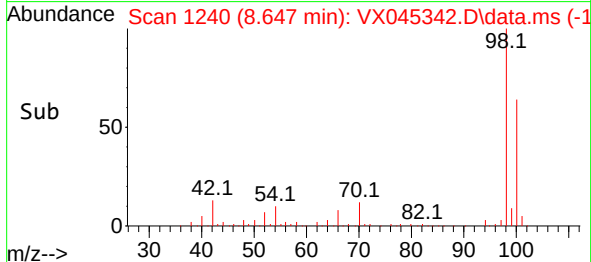
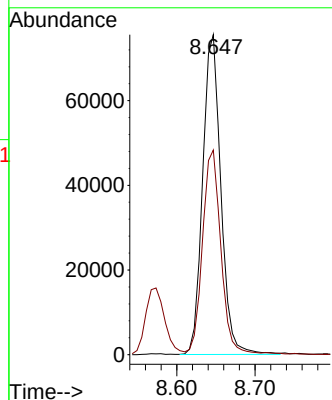
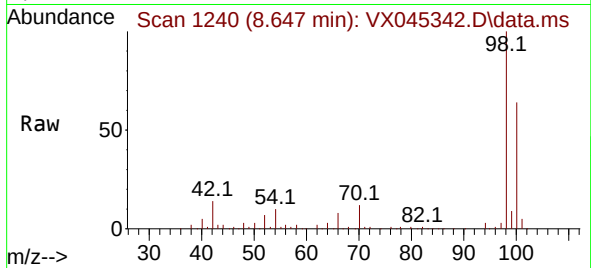
#63
Toluene-d8
Concen: 29.566 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 98 Resp: 12191
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

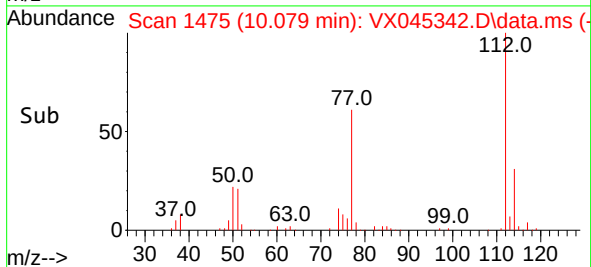
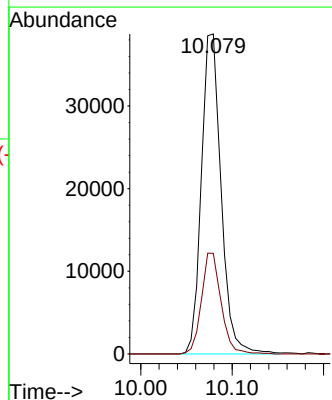
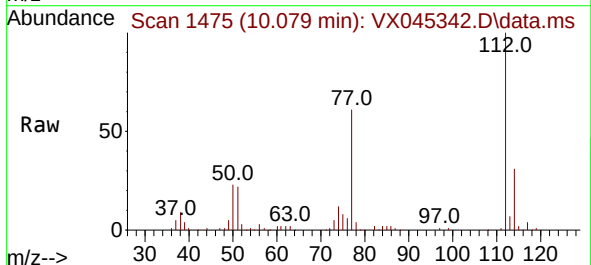
Manual Integrations
APPROVED

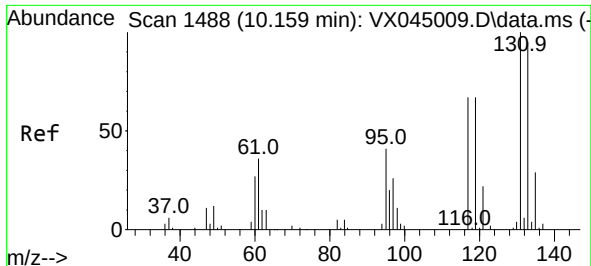
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#64
Chlorobenzene
Concen: 18.969 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

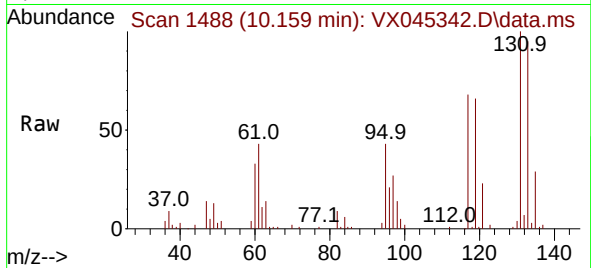
Tgt Ion:112 Resp: 58036
Ion Ratio Lower Upper
112 100
114 31.4 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 18.893 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

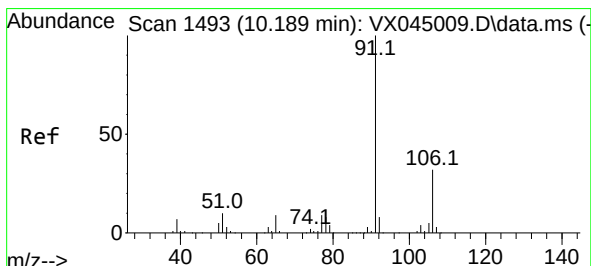
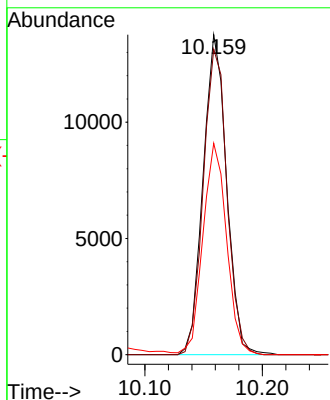
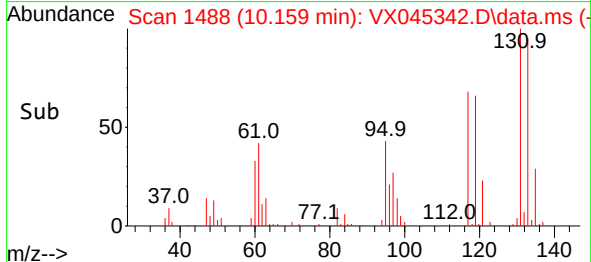
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion:131 Resp: 19074
Ion Ratio Lower Upper
131 100
133 96.4 0.0 187.8
119 66.5 0.0 133.0

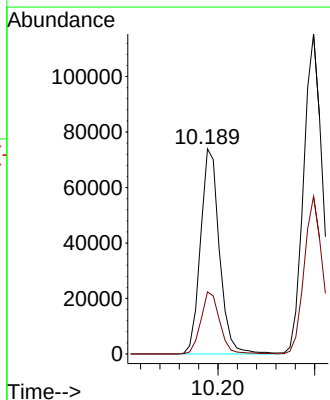
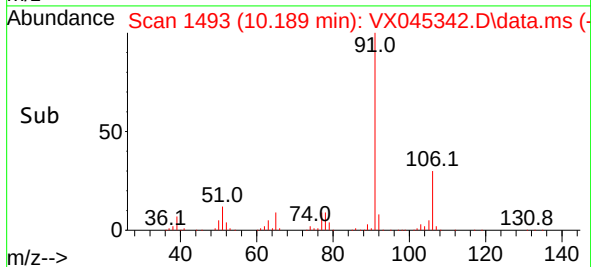
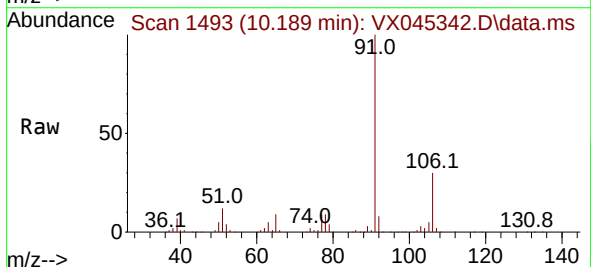
Manual Integrations
APPROVED

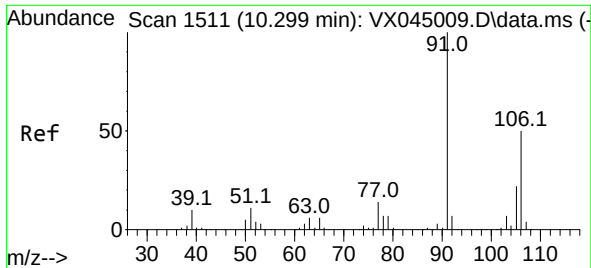
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#66
Ethyl Benzene
Concen: 18.652 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Tgt Ion: 91 Resp: 100826
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.2





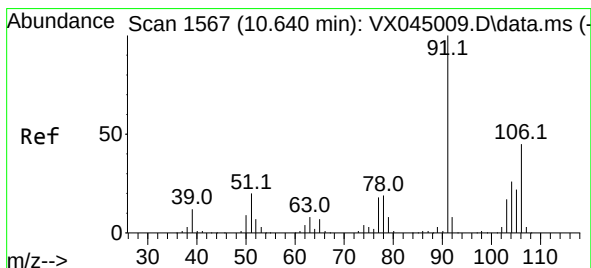
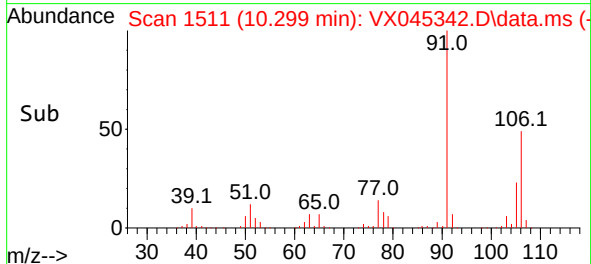
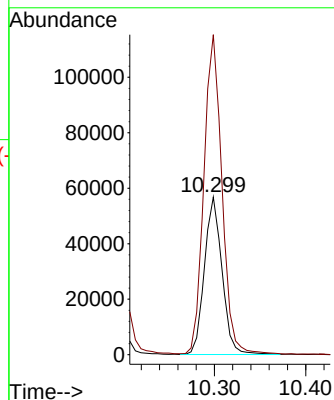
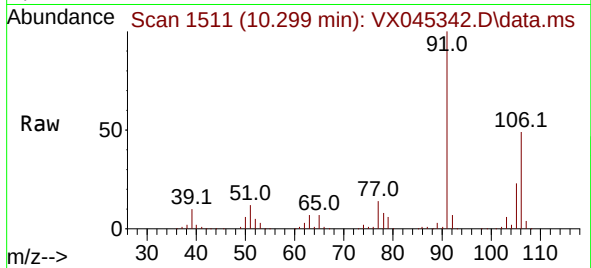
#67
m/p-Xylenes
Concen: 37.748 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion:106 Resp: 76020
Ion Ratio Lower Upper
106 100
91 208.2 163.7 245.5

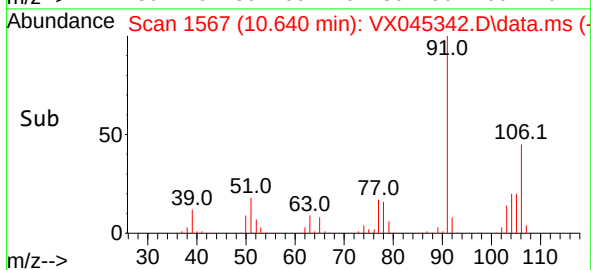
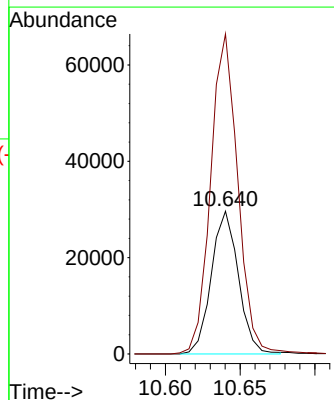
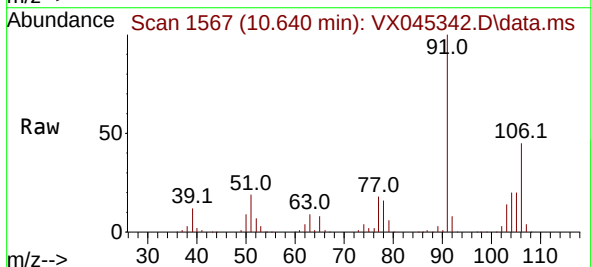
Manual Integrations
APPROVED

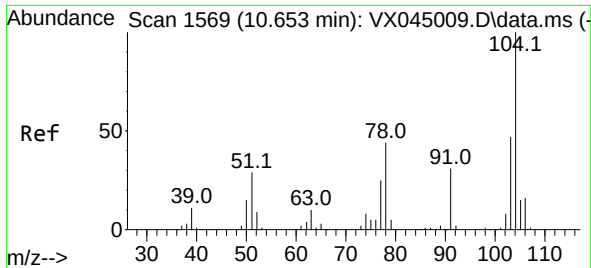
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#68
o-Xylene
Concen: 18.914 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

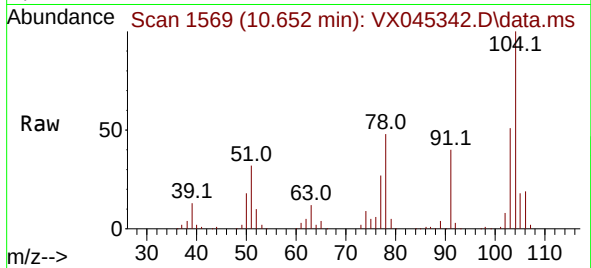
Tgt Ion:106 Resp: 37375
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.1





#69
Styrene
Concen: 19.095 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

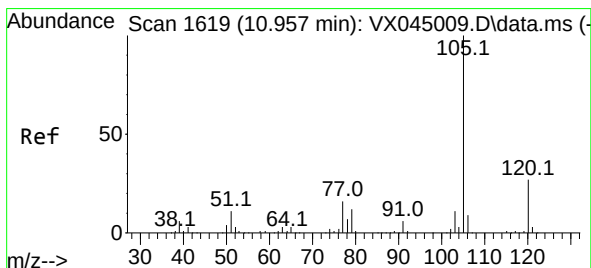
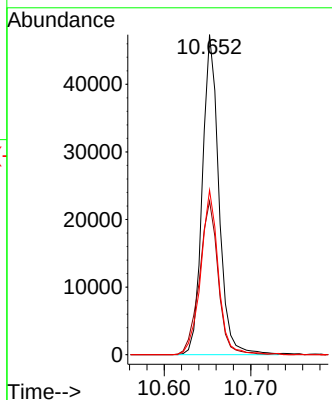
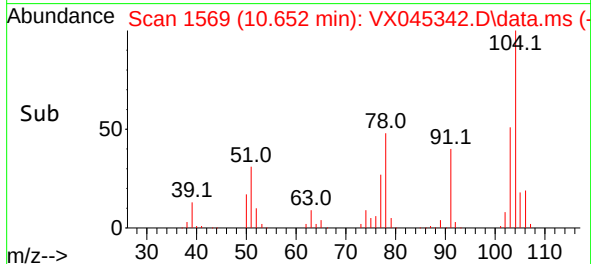
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



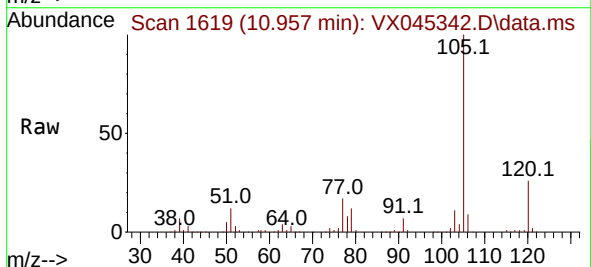
Tgt Ion:104 Resp: 63021
Ion Ratio Lower Upper
104 100
78 53.9 41.4 62.0
103 54.4 43.0 64.4

Manual Integrations
APPROVED

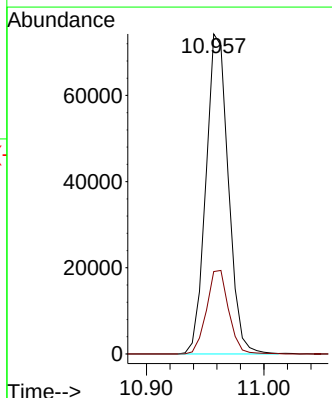
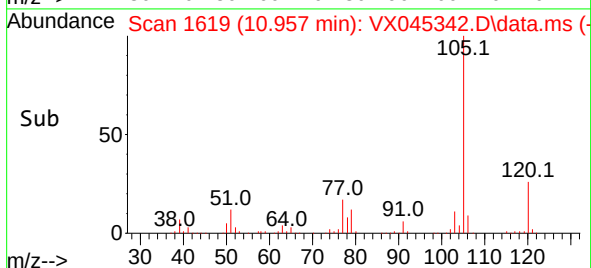
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

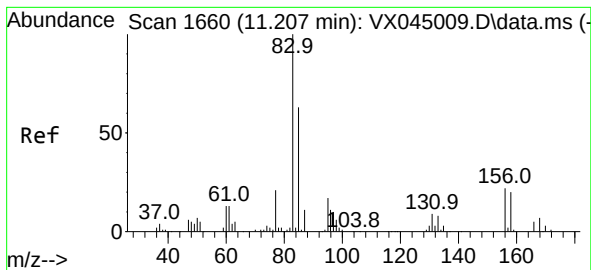


#70
Isopropylbenzene
Concen: 19.312 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



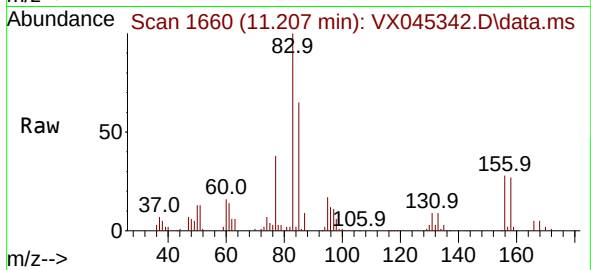
Tgt Ion:105 Resp: 98479
Ion Ratio Lower Upper
105 100
120 25.8 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 21.445 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

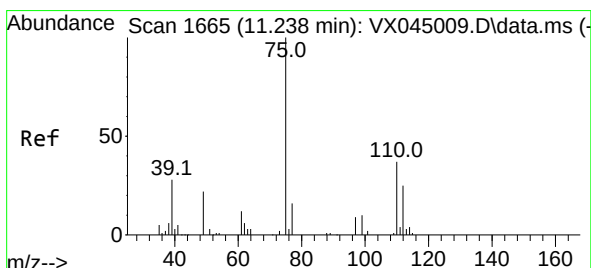
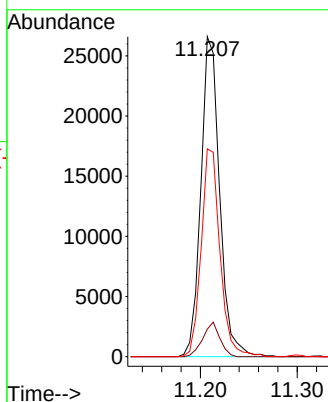
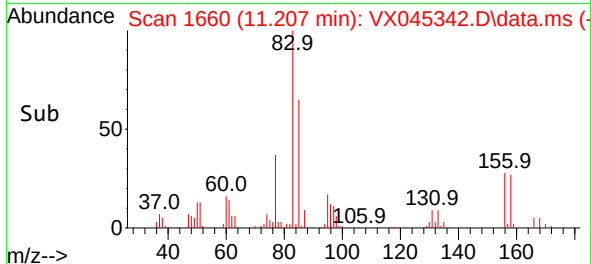
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



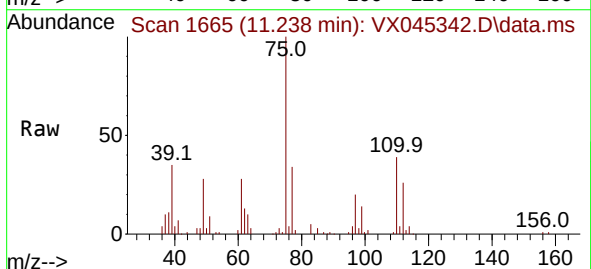
Tgt Ion: 83 Resp: 3596
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.9 32.3 96.8

Manual Integrations
APPROVED

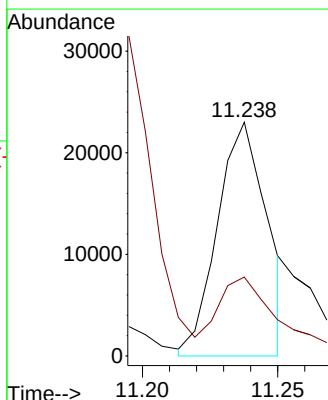
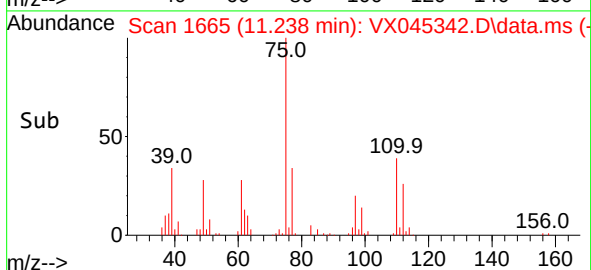
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

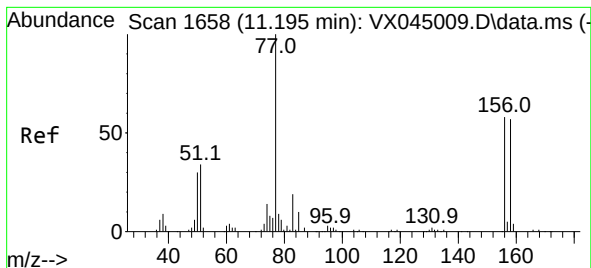


#72
1,2,3-Trichloropropane
Concen: 21.229 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion: 75 Resp: 29280
Ion Ratio Lower Upper
75 100
77 42.7 0.0 84.0





#73

Bromobenzene

Concen: 19.446 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

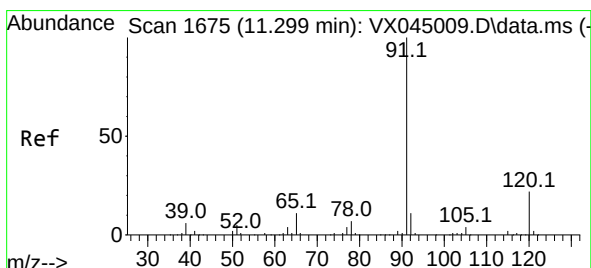
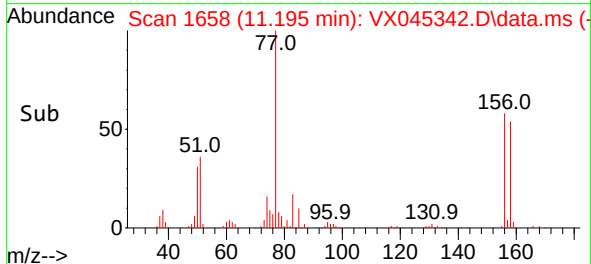
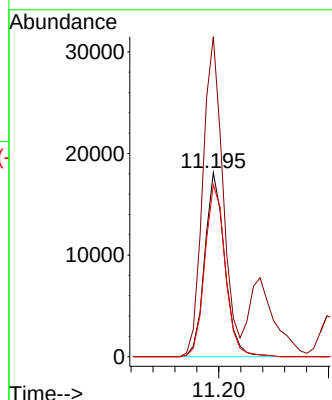
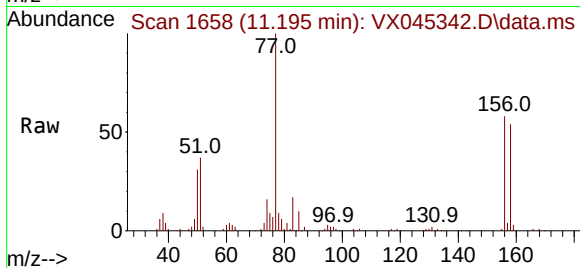
Tgt Ion:	156	Resp:	22829
Ion Ratio	Lower	Upper	
156	100		
77	175.7	0.0	347.2
158	95.9	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#74

n-propylbenzene

Concen: 18.919 ug/l

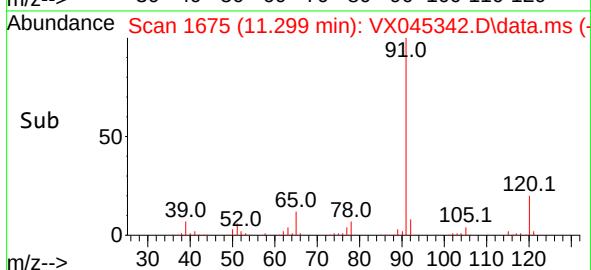
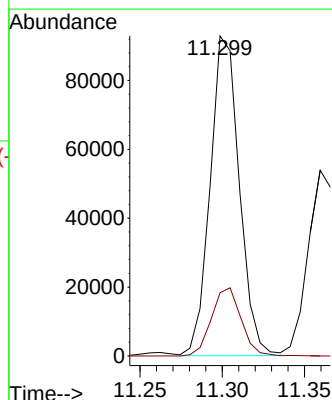
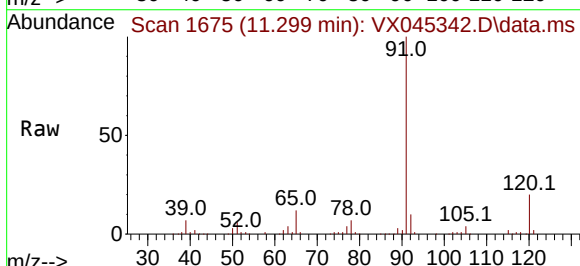
RT: 11.299 min Scan# 1675

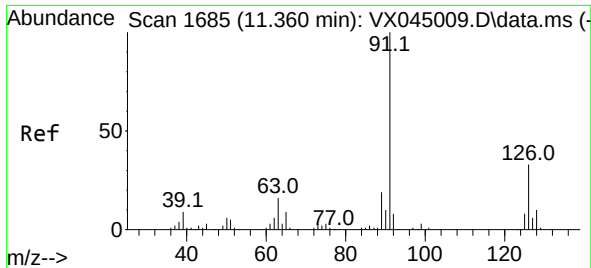
Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Tgt Ion:	91	Resp:	114810
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	44.2





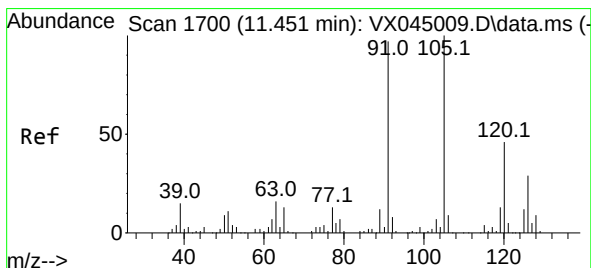
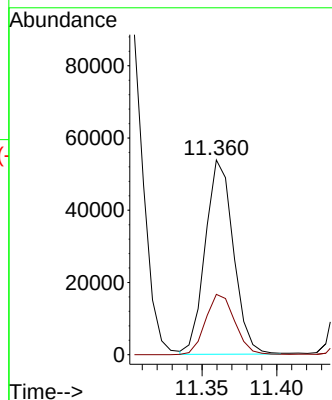
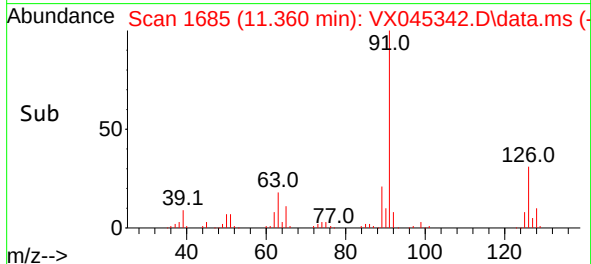
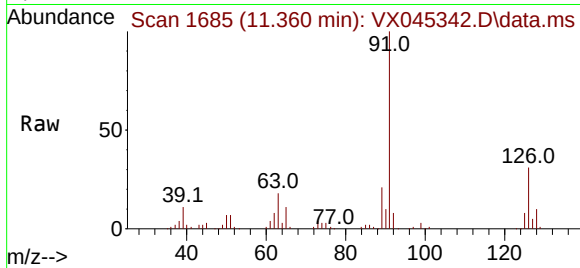
#75
2-Chlorotoluene
Concen: 19.250 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01

Tgt Ion: 91 Resp: 70623
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4

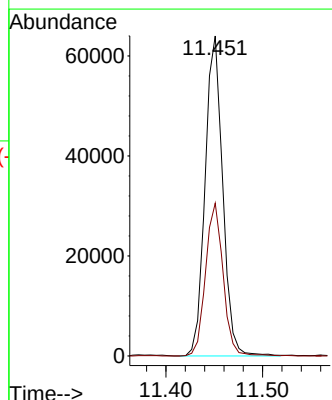
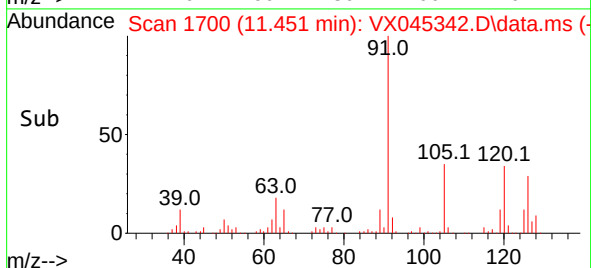
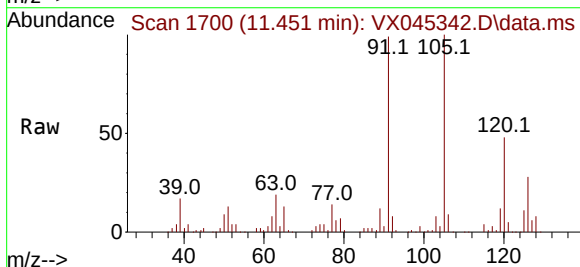
Manual Integrations
APPROVED

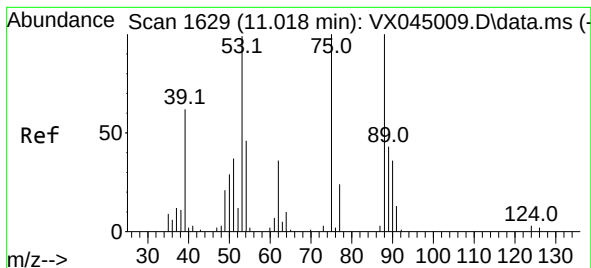
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.321 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

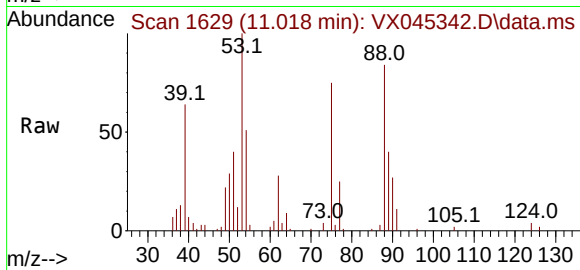
Tgt Ion:105 Resp: 81283
Ion Ratio Lower Upper
105 100
120 47.3 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.897 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

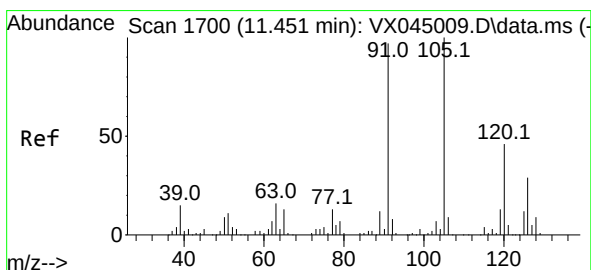
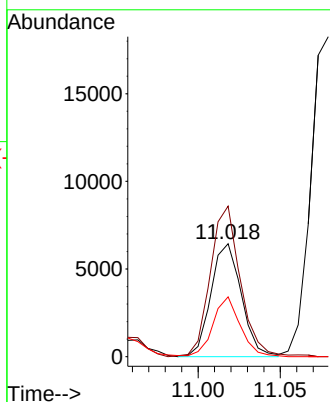
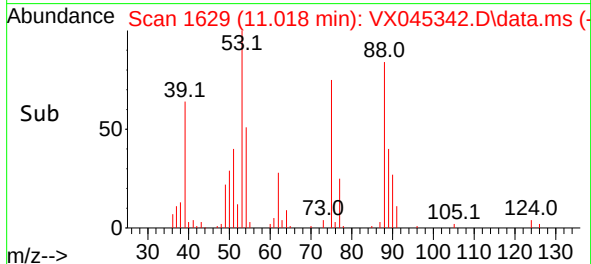
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
53 132.4 49.8 149.4
89 52.1 21.4 64.2

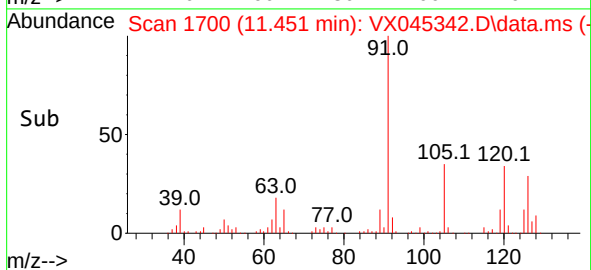
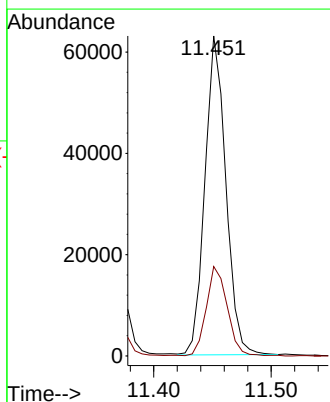
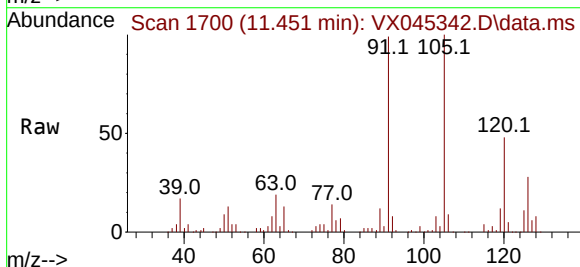
Manual Integrations
APPROVED

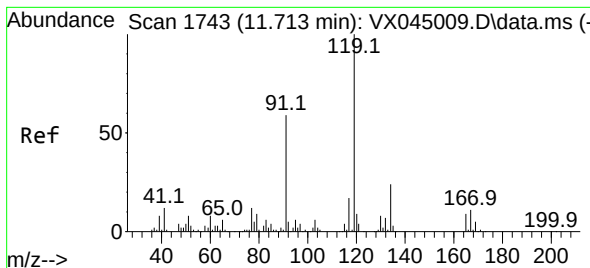
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#78
4-Chlorotoluene
Concen: 19.014 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

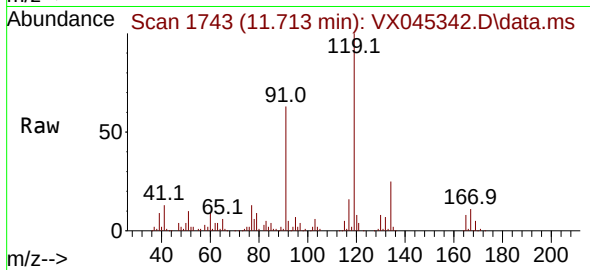
Tgt Ion: 91 Resp: 77762
Ion Ratio Lower Upper
91 100
126 28.1 0.0 58.0





#79
tert-butylbenzene
Concen: 19.196 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

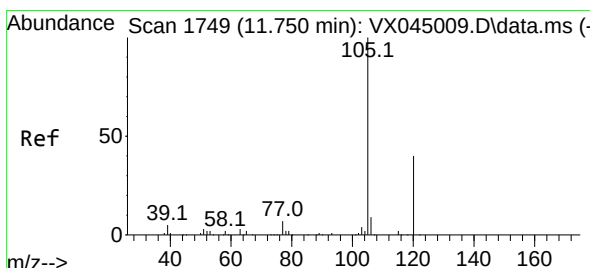
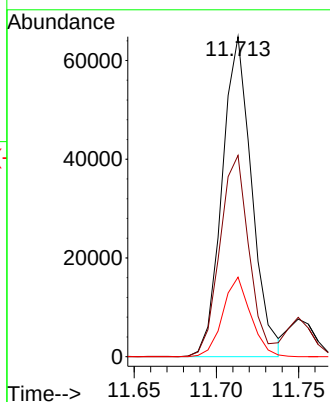
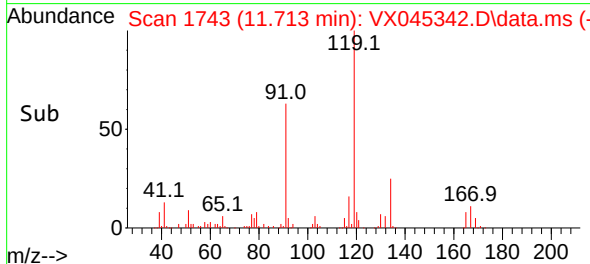
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



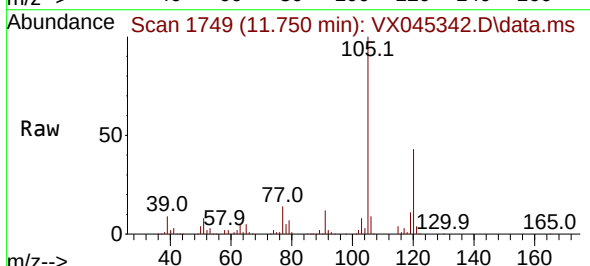
Tgt Ion:119 Resp: 81369
Ion Ratio Lower Upper
119 100
91 61.7 0.0 120.6
134 23.4 0.0 48.2

Manual Integrations
APPROVED

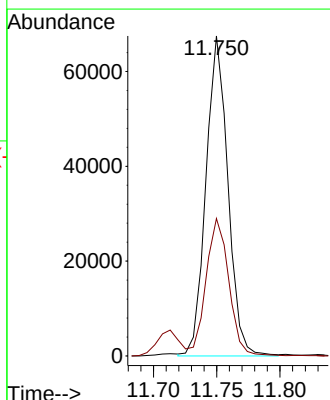
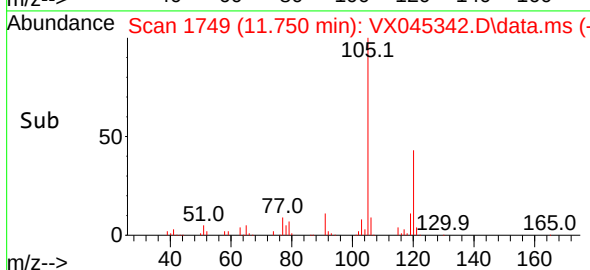
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

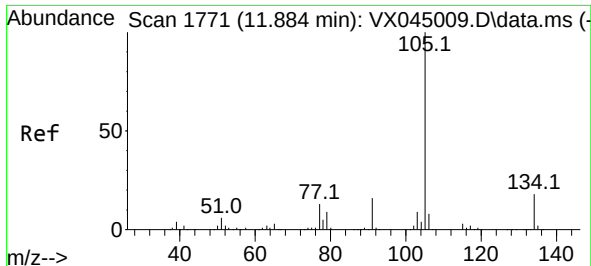


#80
1,2,4-Trimethylbenzene
Concen: 19.334 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



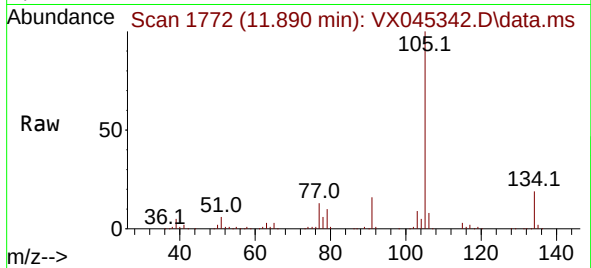
Tgt Ion:105 Resp: 81476
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 19.527 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045342.D
 Acq: 19 Mar 2025 12:15

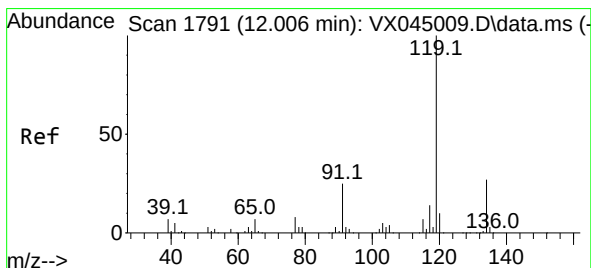
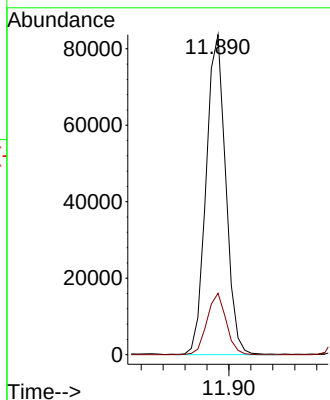
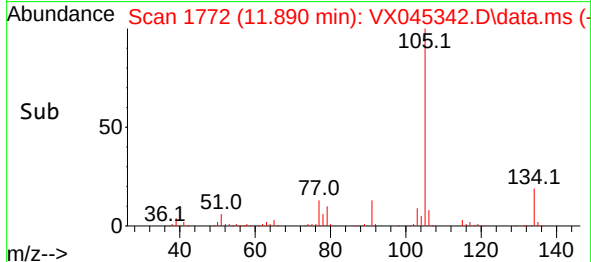
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBSD01



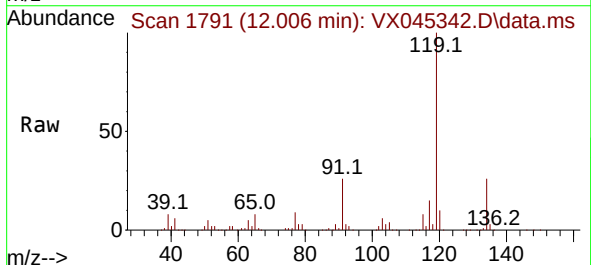
Tgt Ion:105 Resp: 10388
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.0

Manual Integrations
 APPROVED

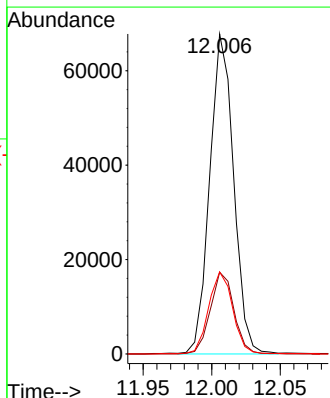
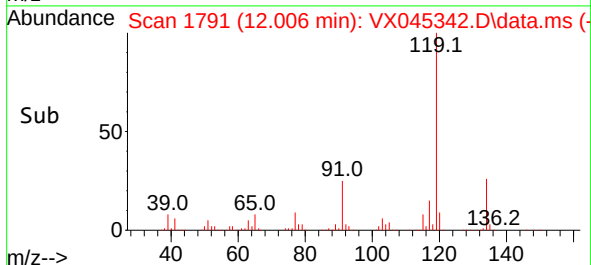
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025

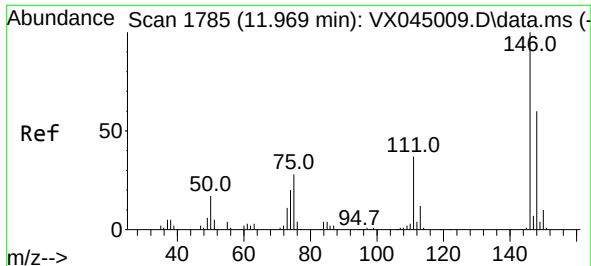


#82
 p-Isopropyltoluene
 Concen: 19.096 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045342.D
 Acq: 19 Mar 2025 12:15



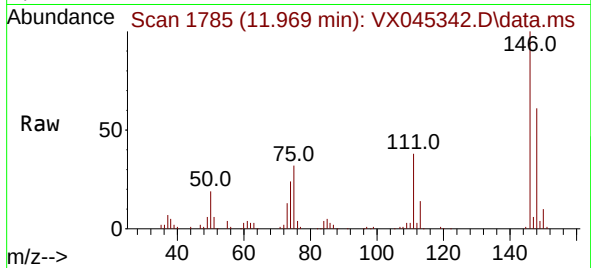
Tgt Ion:119 Resp: 82311
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.6
 91 25.6 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.850 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

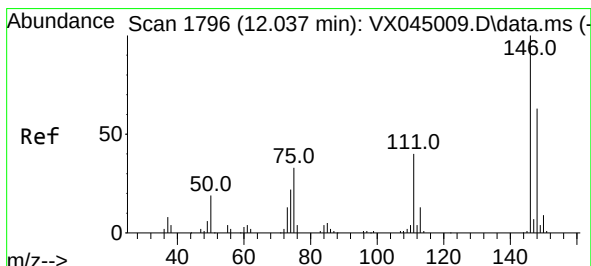
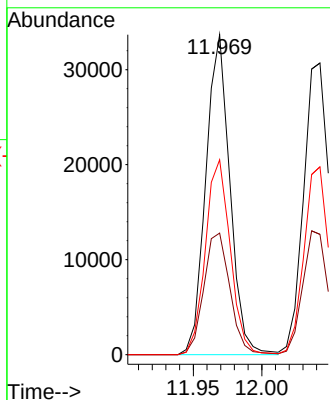
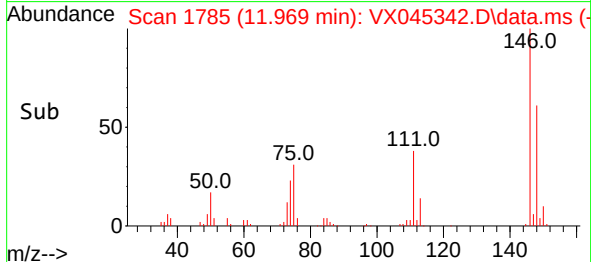
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



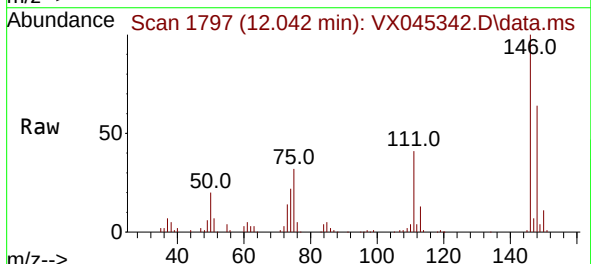
Tgt Ion:146 Resp: 4117
Ion Ratio Lower Upper
146 100
111 41.4 20.2 60.5
148 63.0 31.2 93.6

Manual Integrations
APPROVED

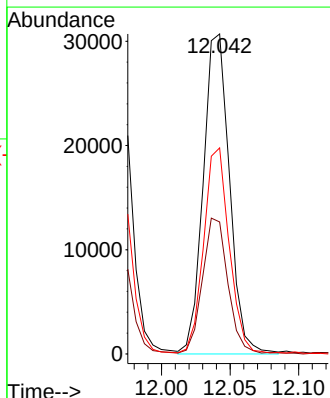
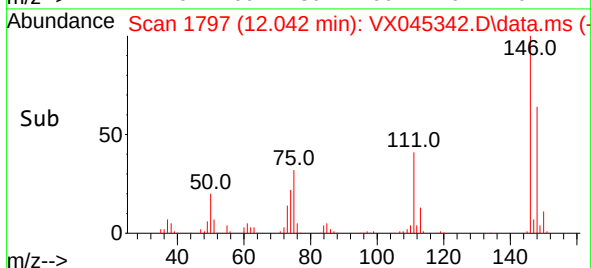
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

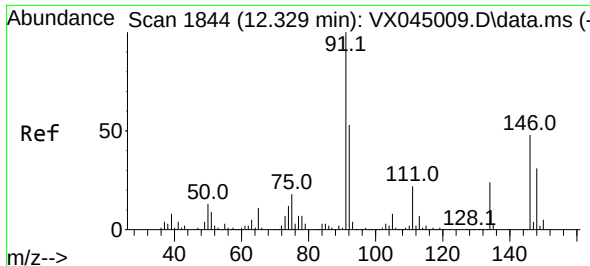


#84
1,4-Dichlorobenzene
Concen: 19.006 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



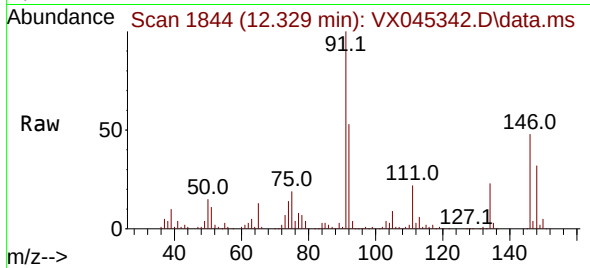
Tgt Ion:146 Resp: 40932
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.2
148 63.0 31.8 95.4





#85
n-Butylbenzene
Concen: 18.177 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

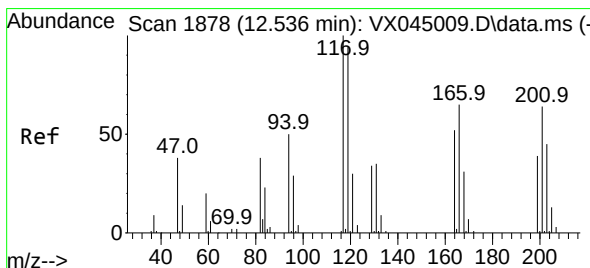
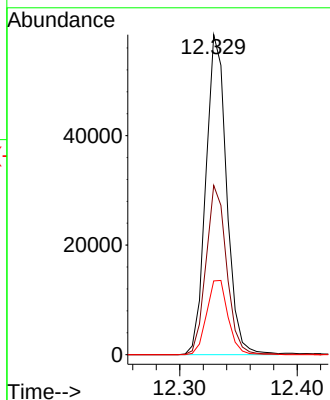
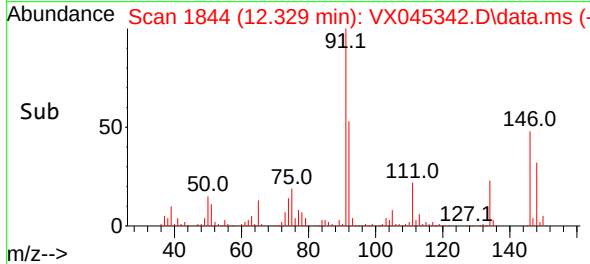
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



Tgt Ion: 91 Resp: 7154
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.2
134 24.1 0.0 49.4

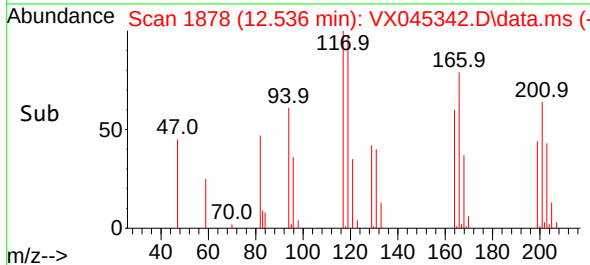
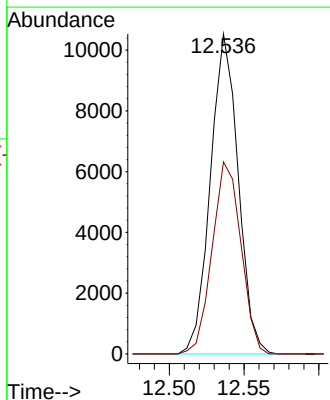
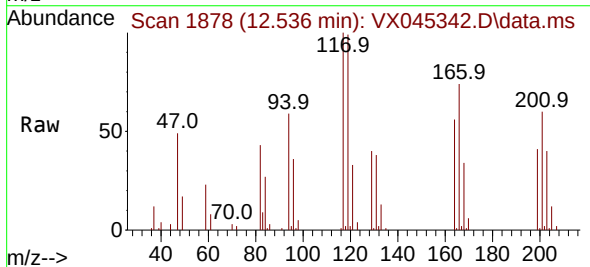
Manual Integrations
APPROVED

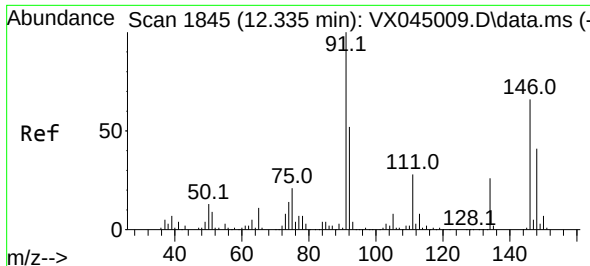
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#86
Hexachloroethane
Concen: 17.931 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

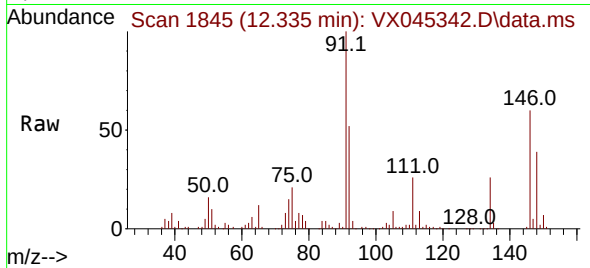
Tgt Ion:117 Resp: 13631
Ion Ratio Lower Upper
117 100
201 62.0 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 18.859 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

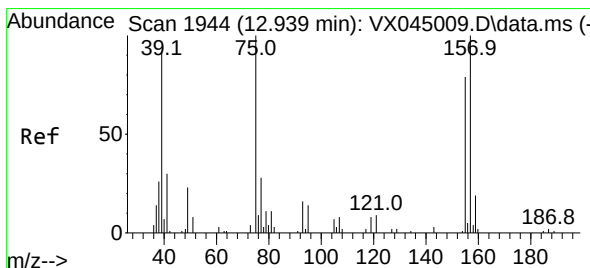
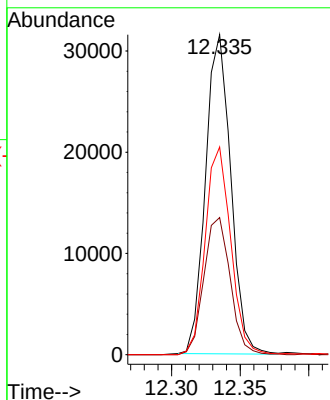
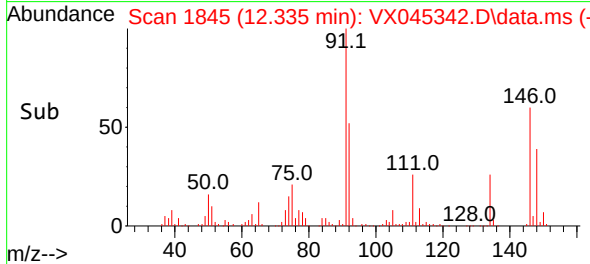
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



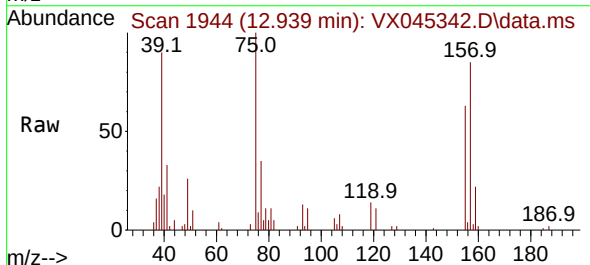
Tgt Ion:146 Resp: 40418
Ion Ratio Lower Upper
146 100
111 44.9 21.7 65.1
148 66.0 31.8 95.4

Manual Integrations
APPROVED

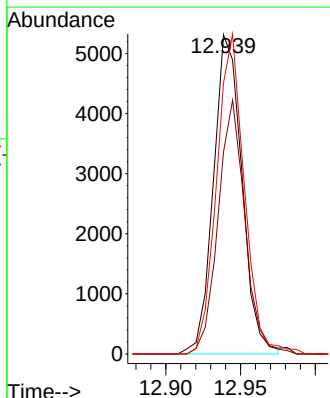
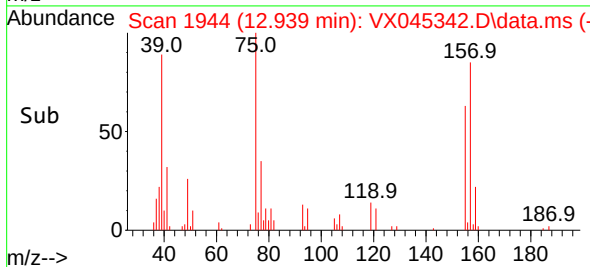
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

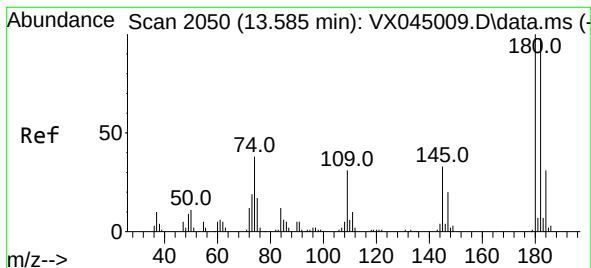


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.644 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
155 74.7 66.2 99.4
157 97.6 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 17.712 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBSD01

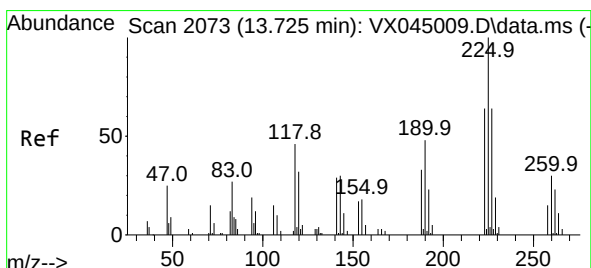
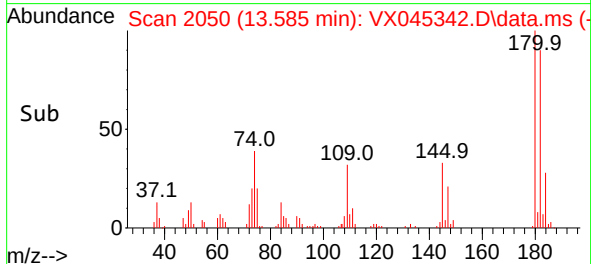
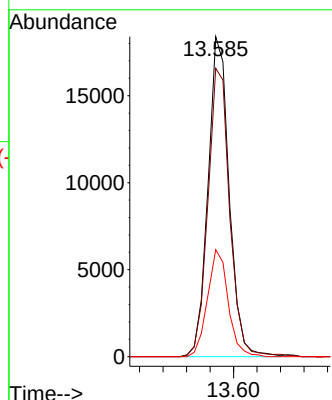
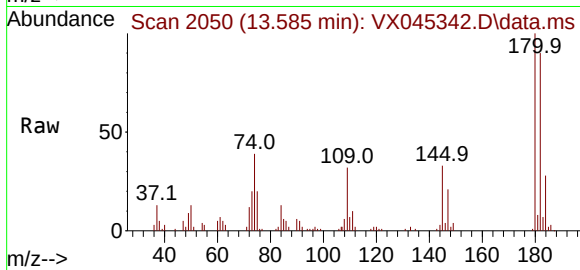
Tgt Ion:180	Resp:	23000
Ion Ratio	Lower	Upper
180	100	
182	92.9	77.7 116.5
145	32.7	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#90

Hexachlorobutadiene

Concen: 19.284 ug/l

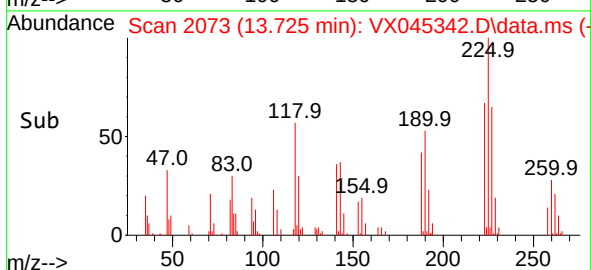
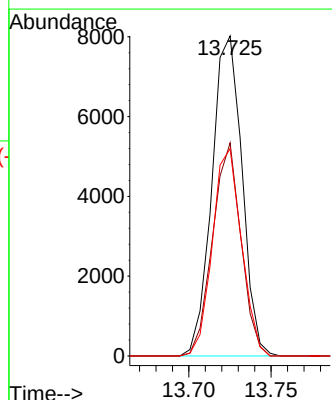
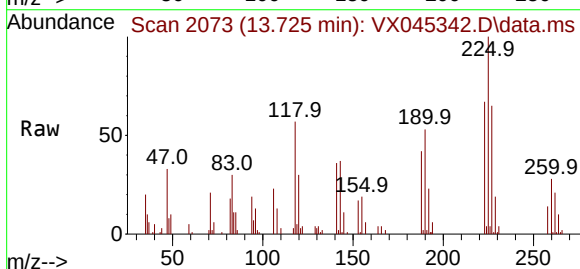
RT: 13.725 min Scan# 2073

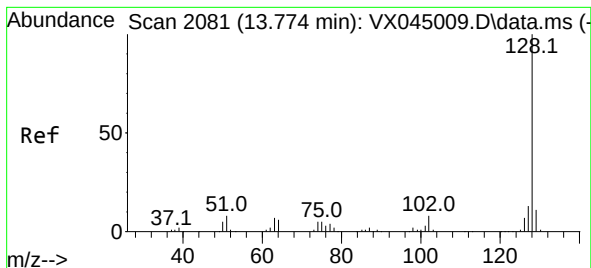
Delta R.T. -0.000 min

Lab File: VX045342.D

Acq: 19 Mar 2025 12:15

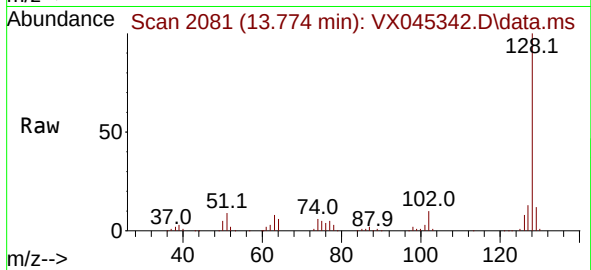
Tgt Ion:225	Resp:	10215
Ion Ratio	Lower	Upper
225	100	
223	62.7	0.0 123.4
227	62.5	0.0 127.4





#91
Naphthalene
Concen: 19.117 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15

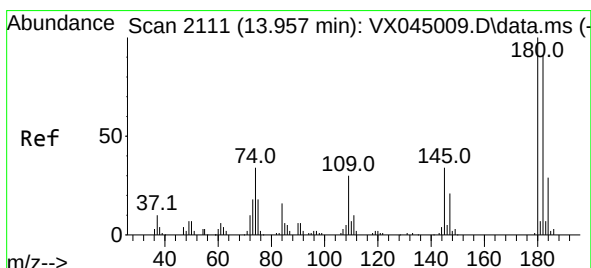
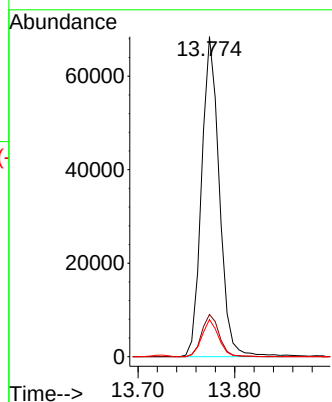
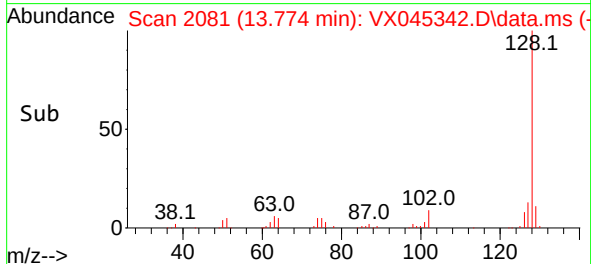
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBSD01



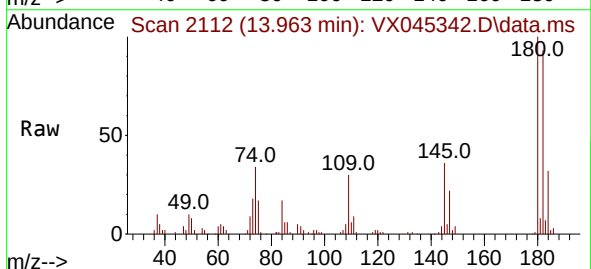
Tgt Ion:128 Resp: 87558
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.718 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045342.D
Acq: 19 Mar 2025 12:15



Tgt Ion:180 Resp: 23693
Ion Ratio Lower Upper
180 100
182 94.3 0.0 186.6
145 36.3 0.0 68.4

