

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045340.D
 Acq On : 19 Mar 2025 10:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 01:30:50 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	4.897	128	16449	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	86152	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	80895	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	52421	32.812	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.367%			
60) 4-Bromofluorobenzene	11.079	95	47245	31.246	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.167%			
63) Toluene-d8	8.647	98	134720	30.103	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28861	20.814	ug/l	95
3) Chloromethane	1.307	50	29803	17.945	ug/l	99
4) Vinyl Chloride	1.374	62	27895	17.406	ug/l	93
5) Bromomethane	1.593	94	12365	22.166	ug/l	99
6) Chloroethane	1.666	64	14707	16.944	ug/l	95
7) Trichlorofluoromethane	1.874	101	40466	18.787	ug/l	98
8) Diethyl Ether	2.130	74	13892	17.046	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	27092	21.178	ug/l	98
10) 1,1-Dichloroethene	2.313	96	25210	20.176	ug/l	93
11) Methyl Iodide	2.441	142	29634	20.954	ug/l	97
12) Methyl Acetate	2.703	43	48377	33.340	ug/l	96
13) Acrolein	2.233	56	34607	118.988	ug/l	99
14) Acrylonitrile	3.062	53	80413	113.456	ug/l	97
15) Acetone	2.380	58	21649	111.373	ug/l	93
16) Carbon Disulfide	2.502	76	57310	16.170	ug/l	100
17) Allyl chloride	2.654	41	45792	19.594	ug/l	96
18) Methylene Chloride	2.782	84	28292	20.130	ug/l	94
19) trans-1,2-Dichloroethene	3.081	96	24177	19.124	ug/l	90
20) Diisopropyl ether	3.757	45	89800	19.995	ug/l	91
21) 1,1-Dichloroethane	3.605	63	50635	20.273	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	30571	20.180	ug/l	100
23) tert-Butyl Alcohol	2.977	59	23432	94.701	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	82928	20.334	ug/l	94
25) Chloroform	5.080	83	51829	21.483	ug/l	99
26) Cyclohexane	5.458	56	44003	19.086	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	32662	20.610	ug/l	99
30) 2-Butanone	4.556	43	113838	124.364	ug/l	98
31) 2,2-Dichloropropane	4.465	77	34312	19.147	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	41753	21.744	ug/l	97
33) Carbon Tetrachloride	5.666	117	34574	21.335	ug/l	96
34) Benzene	6.031	78	105267	21.181	ug/l	98
35) Methacrylonitrile	4.916	41	23610	24.103	ug/l	97
36) 1,2-Dichloroethane	6.080	62	39838	23.413	ug/l	97
37) Trichloroethene	7.123	130	24342	20.936	ug/l	99
38) Methylcyclohexane	7.373	83	42471	19.959	ug/l	99
39) 1,2-Dichloropropane	7.428	63	25728	20.823	ug/l	98
40) Dibromomethane	7.580	93	19891	22.434	ug/l	95
41) Bromodichloromethane	7.818	83	39228	22.261	ug/l	99
42) Vinyl Acetate	3.715	43	360651	101.532	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045340.D
 Acq On : 19 Mar 2025 10:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

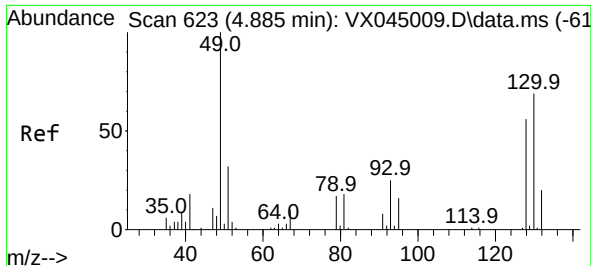
Manual Integrations
 APPROVED

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

Quant Time: Mar 20 01:30:50 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

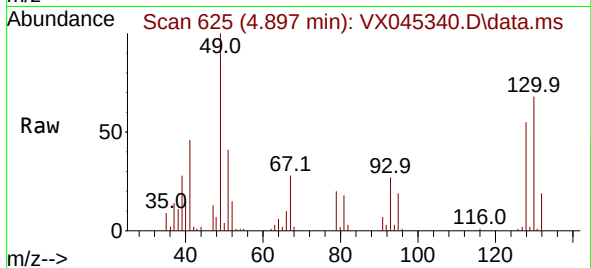
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	41125	23.957	ug/l	97
44) Isopropyl Acetate	6.342	43	62292	22.048	ug/l	98
45) 1,4-Dioxane	7.659	88	11574	394.071	ug/l	99
46) Methyl methacrylate	7.690	41	33143	23.923	ug/l	91
47) n-amyl Acetate	10.842	43	50805	20.723	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	32357	19.050	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	38687	20.120	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	25507	22.055	ug/l	96
51) Ethyl methacrylate	9.116	69	38805	21.334	ug/l	95
52) 1,3-Dichloropropane	9.305	76	45730	22.567	ug/l	98
53) Dibromochloromethane	9.519	129	27768	21.709	ug/l	96
54) 1,2-Dibromoethane	9.610	107	25822	21.988	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	96601	103.422	ug/l	99
56) Bromoform	10.799	173	16989	21.196	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	224283	121.880	ug/l	100
59) 2-Hexanone	9.427	43	163850	123.186	ug/l	98
61) Tetrachloroethene	9.269	164	21660	21.744	ug/l	95
62) Toluene	8.714	91	111284	20.767	ug/l	99
64) Chlorobenzene	10.079	112	69016	20.784	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	23101	21.083	ug/l	99
66) Ethyl Benzene	10.189	91	122105	20.813	ug/l	98
67) m/p-Xylenes	10.299	106	92122	42.144	ug/l	97
68) o-Xylene	10.640	106	43730	20.390	ug/l	93
69) Styrene	10.653	104	75199	20.993	ug/l	98
70) Isopropylbenzene	10.957	105	119932	21.669	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	41882	23.012	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	34753m	23.216	ug/l	
73) Bromobenzene	11.195	156	26330	20.665	ug/l	97
74) n-propylbenzene	11.299	91	138300	20.998	ug/l	98
75) 2-Chlorotoluene	11.360	91	86063	21.614	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	97415	21.335	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9701	19.262	ug/l	81
78) 4-Chlorotoluene	11.451	91	94621	21.317	ug/l	97
79) tert-butylbenzene	11.713	119	96957	21.075	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	97205	21.253	ug/l	99
81) sec-Butylbenzene	11.890	105	125123	21.671	ug/l	99
82) p-Isopropyltoluene	12.006	119	99482	21.265	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	48062	20.274	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	48764	20.863	ug/l	99
85) n-Butylbenzene	12.329	91	86472	20.241	ug/l	99
86) Hexachloroethane	12.536	117	16565	20.077	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	48429	20.821	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8082	22.936	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	27076	19.206	ug/l	97
90) Hexachlorobutadiene	13.725	225	11744	20.427	ug/l	94
91) Naphthalene	13.774	128	99680	20.053	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	28538	19.663	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

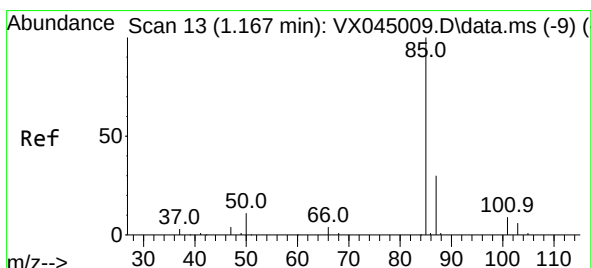
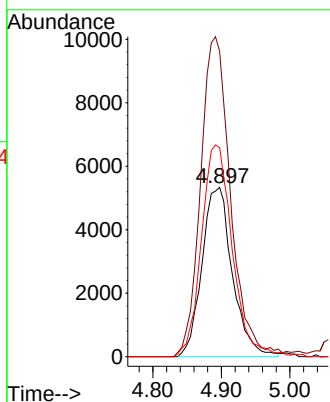
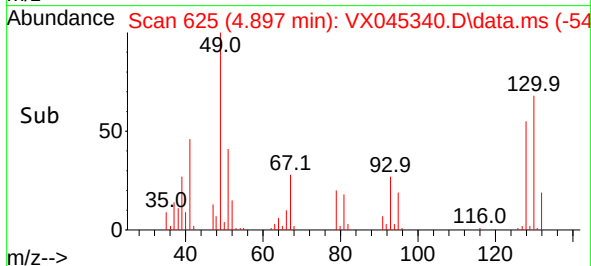
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



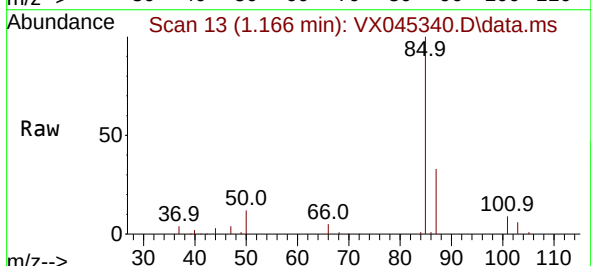
Tgt Ion:128 Resp: 16449
Ion Ratio Lower Upper
128 100
49 184.3 0.0 449.7
130 126.2 0.0 312.7

Manual Integrations
APPROVED

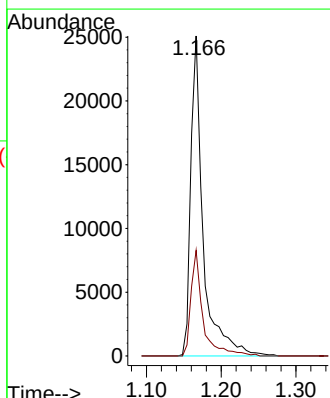
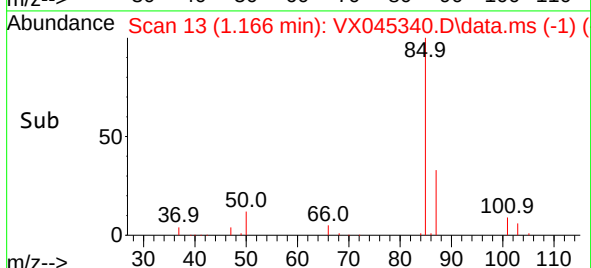
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

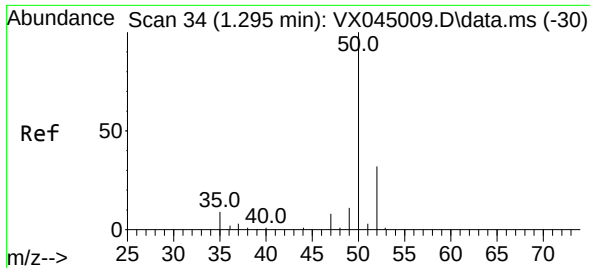


#2
Dichlorodifluoromethane
Concen: 20.814 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



Tgt Ion: 85 Resp: 28861
Ion Ratio Lower Upper
85 100
87 33.0 15.1 45.3





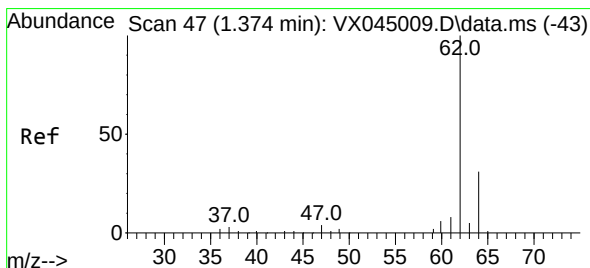
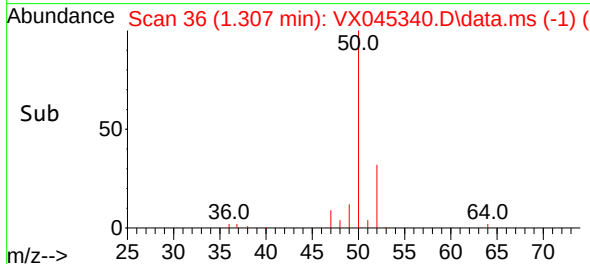
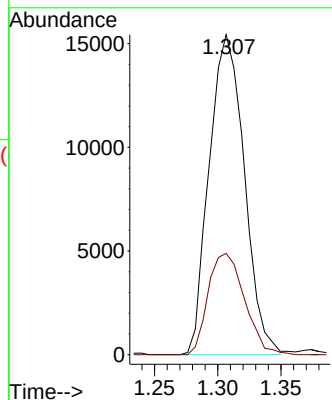
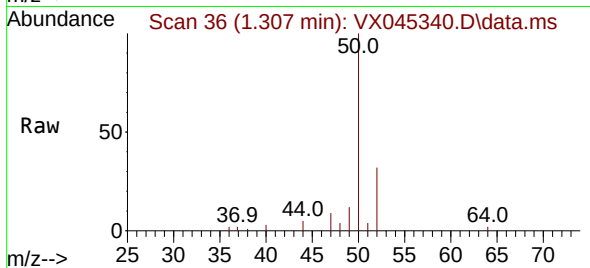
#3
Chloromethane
Concen: 17.945 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 2980
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5

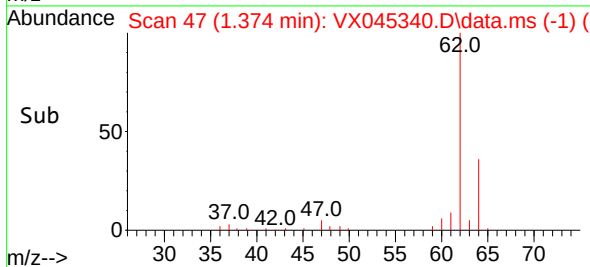
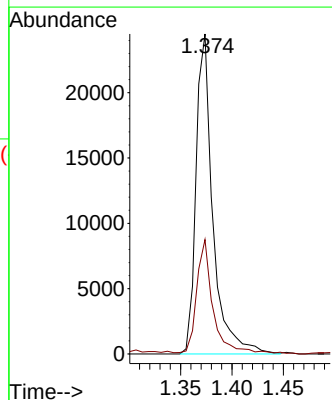
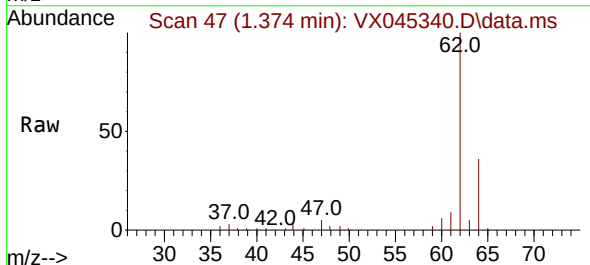
Manual Integrations
APPROVED

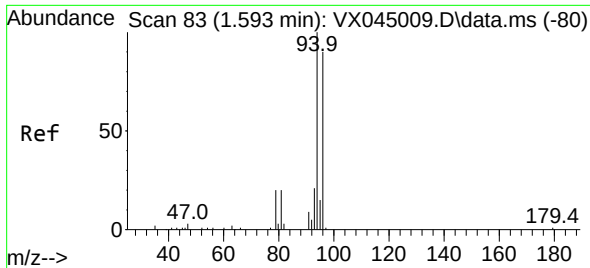
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#4
Vinyl Chloride
Concen: 17.406 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

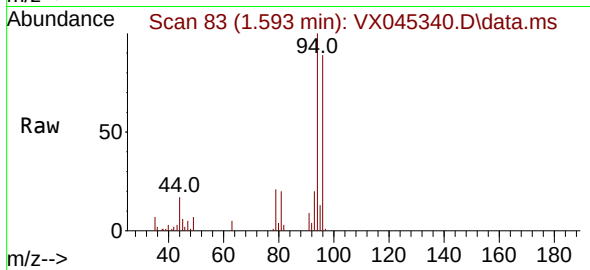
Tgt Ion: 62 Resp: 27895
Ion Ratio Lower Upper
62 100
64 35.3 25.1 37.7





#5
Bromomethane
Concen: 22.166 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

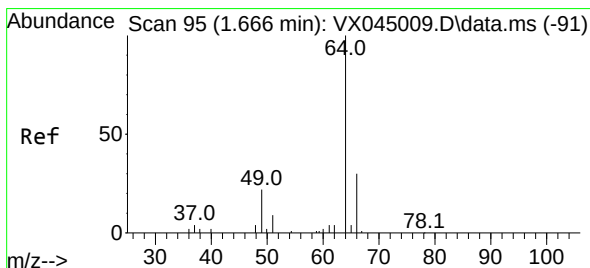
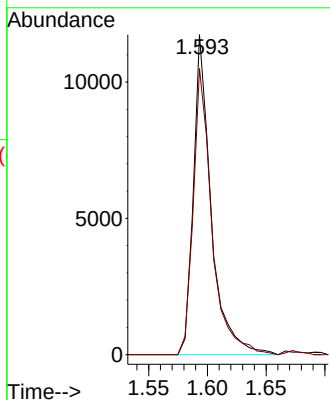
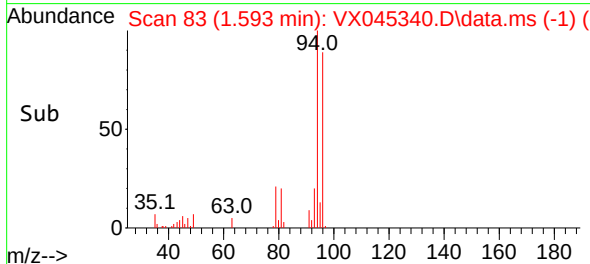
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 1236
Ion Ratio Lower Upper
94 100
96 89.4 72.2 108.4

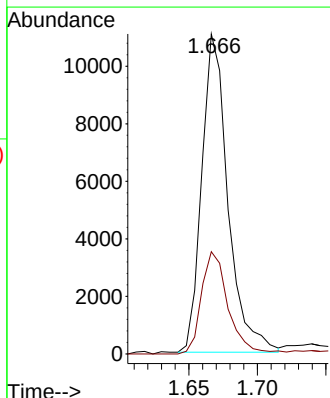
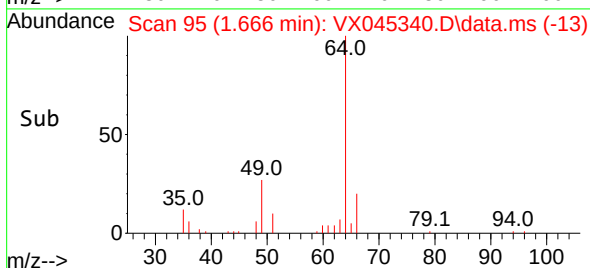
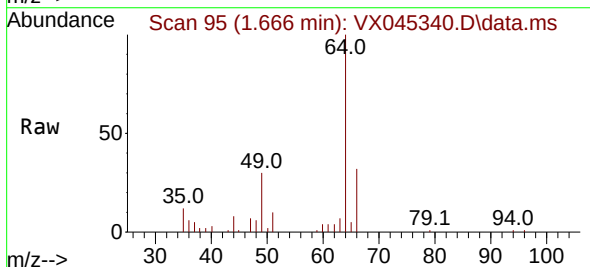
Manual Integrations
APPROVED

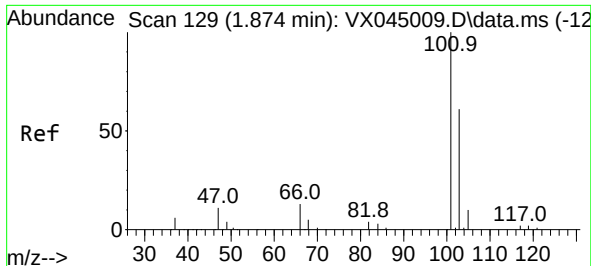
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#6
Chloroethane
Concen: 16.944 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

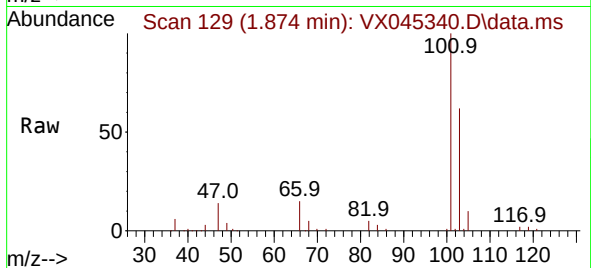
Tgt Ion: 64 Resp: 14707
Ion Ratio Lower Upper
64 100
66 32.2 23.7 35.5





#7
Trichlorofluoromethane
Concen: 18.787 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

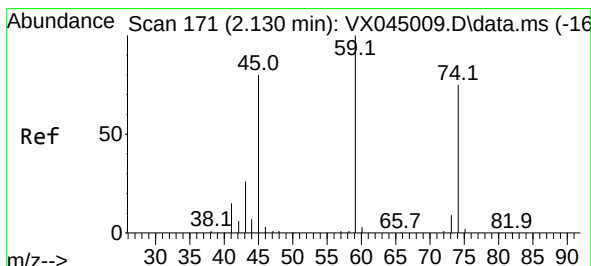
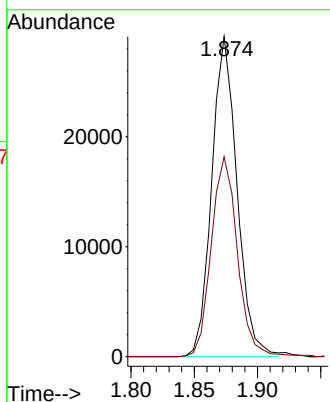
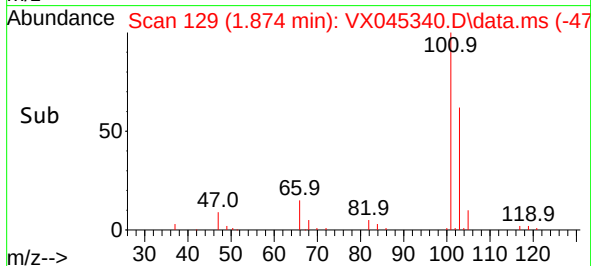
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



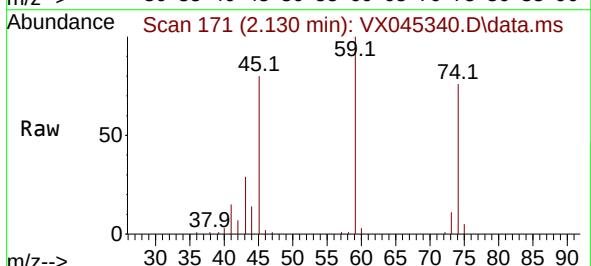
Tgt Ion:101 Resp: 40460
Ion Ratio Lower Upper
101 100
103 62.4 48.8 73.2

Manual Integrations
APPROVED

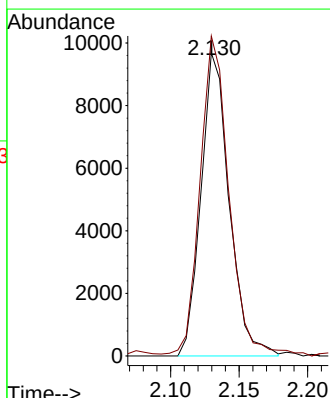
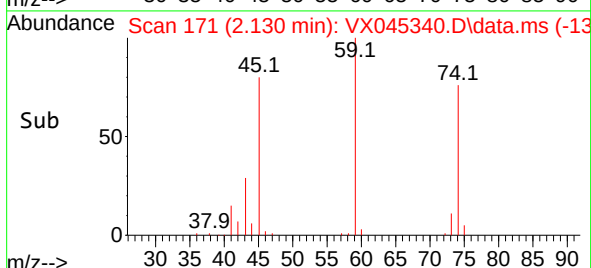
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

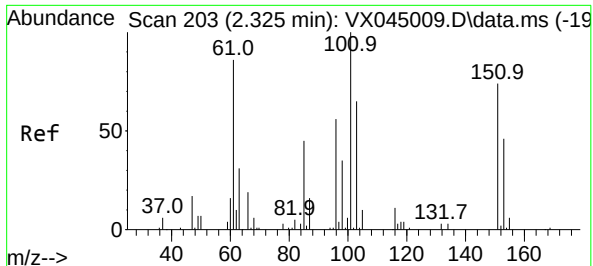


#8
Diethyl Ether
Concen: 17.046 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



Tgt Ion: 74 Resp: 13892
Ion Ratio Lower Upper
74 100
45 106.3 20.8 186.8





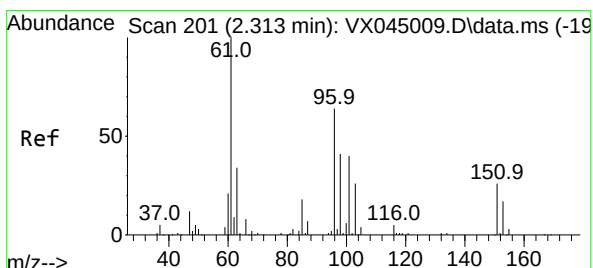
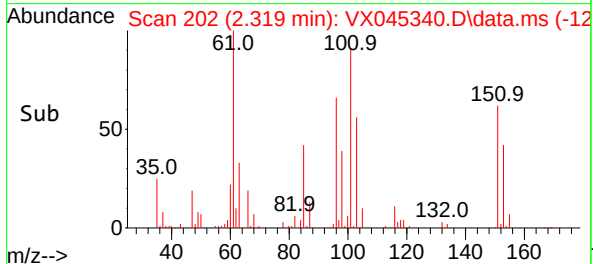
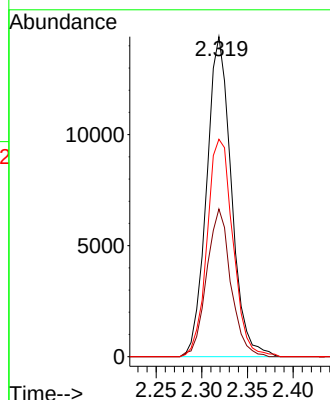
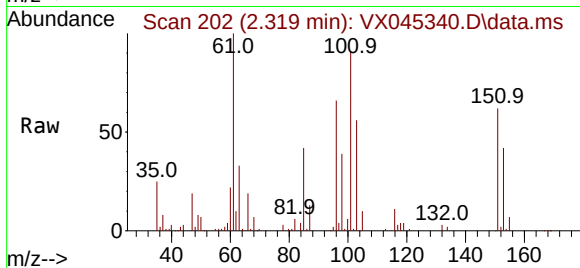
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.178 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 27092
Ion Ratio Lower Upper
101 100
85 45.1 0.0 90.6
151 71.1 0.0 147.6

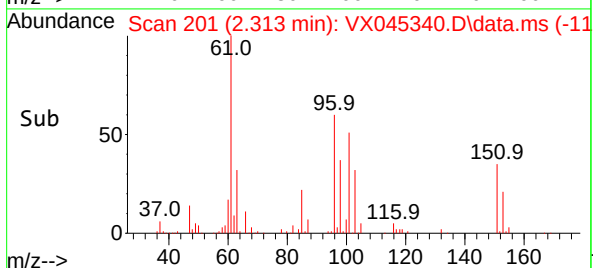
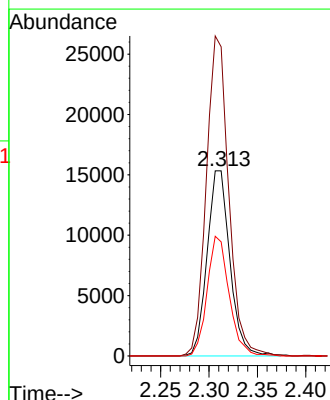
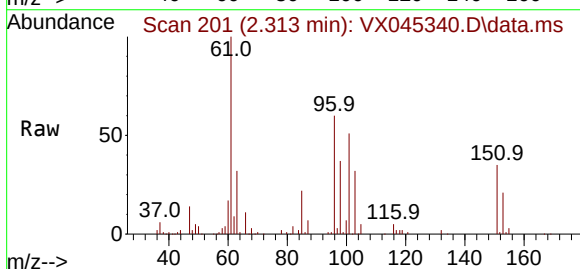
Manual Integrations
APPROVED

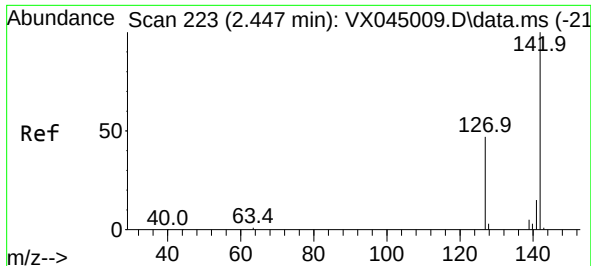
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#10
1,1-Dichloroethene
Concen: 20.176 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

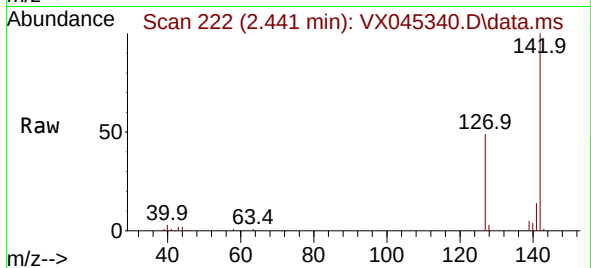
Tgt Ion: 96 Resp: 25210
Ion Ratio Lower Upper
96 100
61 167.0 124.2 186.2
98 61.7 51.1 76.7





#11
Methyl Iodide
Concen: 20.954 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

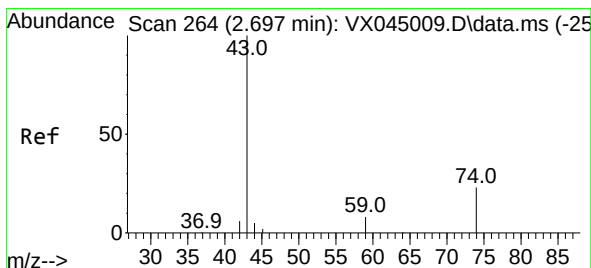
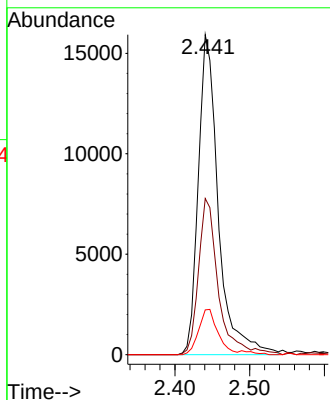
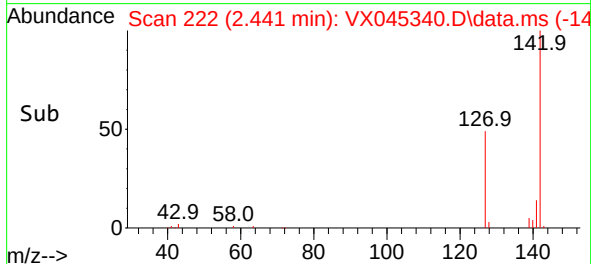
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 29634
Ion Ratio Lower Upper
142 100
127 48.7 23.3 69.9
141 14.0 7.5 22.6

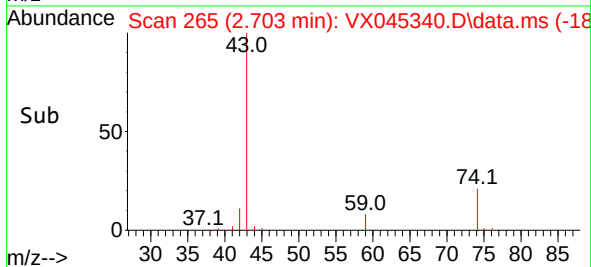
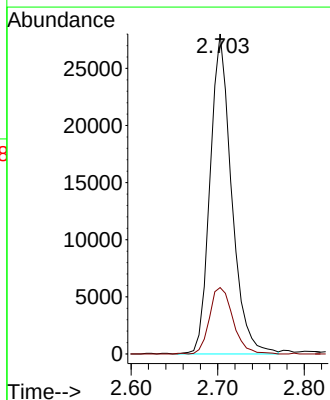
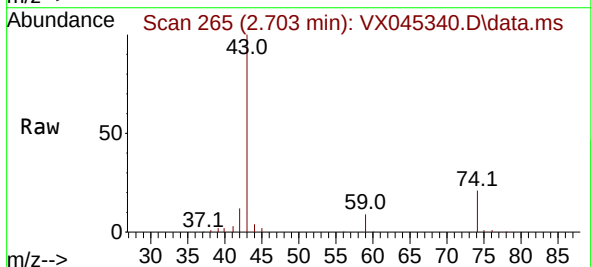
Manual Integrations
APPROVED

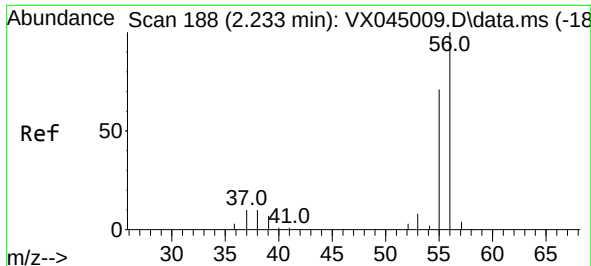
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#12
Methyl Acetate
Concen: 33.340 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

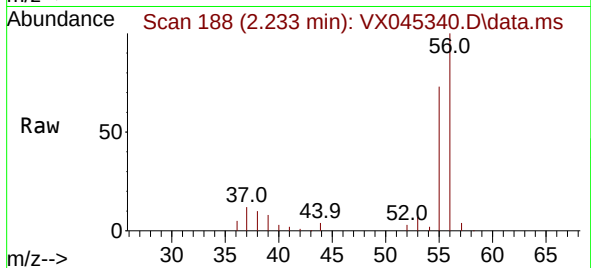
Tgt Ion: 43 Resp: 48377
Ion Ratio Lower Upper
43 100
74 20.7 17.9 26.9





#13
Acrolein
Concen: 118.988 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

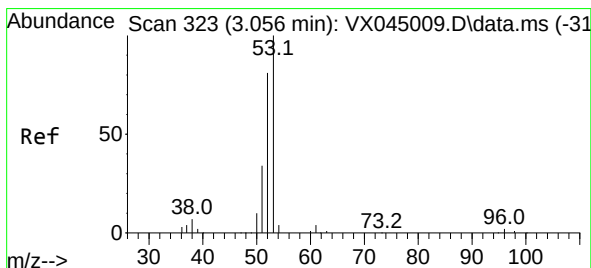
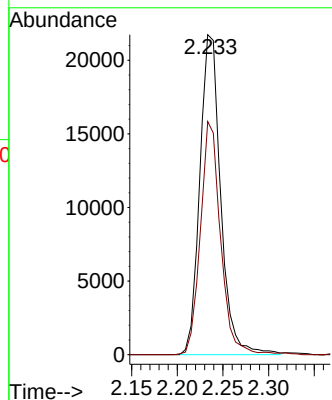
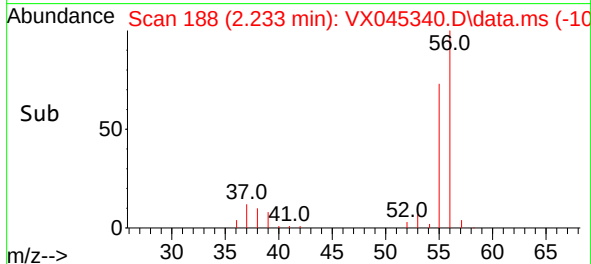
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 3460
Ion Ratio Lower Upper
56 100
55 68.9 55.4 83.2

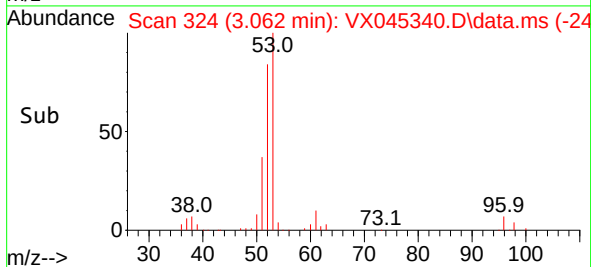
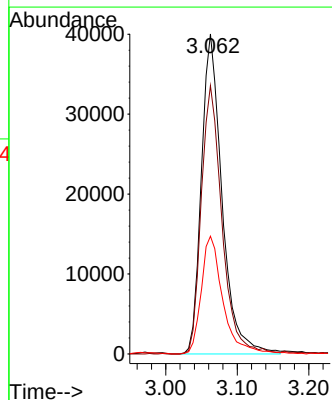
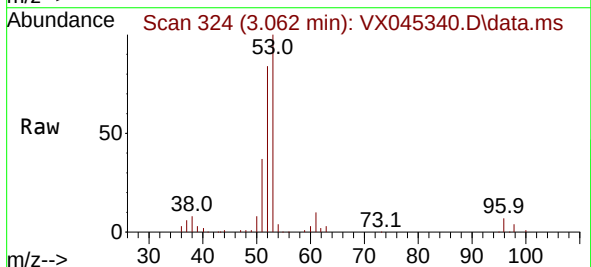
Manual Integrations
APPROVED

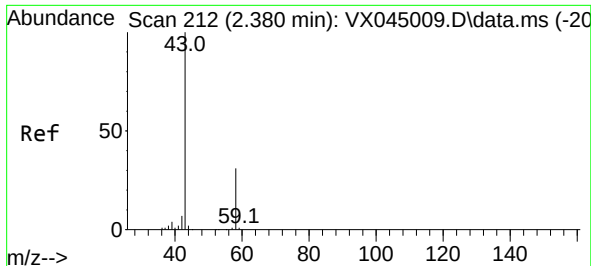
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#14
Acrylonitrile
Concen: 113.456 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

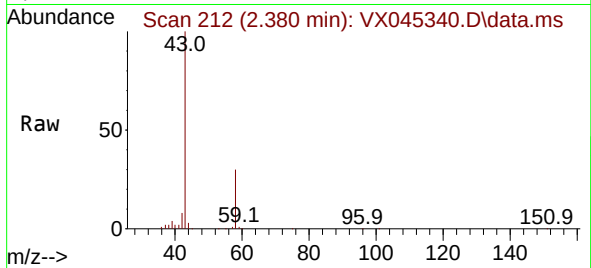
Tgt Ion: 53 Resp: 80413
Ion Ratio Lower Upper
53 100
52 84.1 40.9 122.8
51 38.4 18.0 54.0





#15
Acetone
Concen: 111.373 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

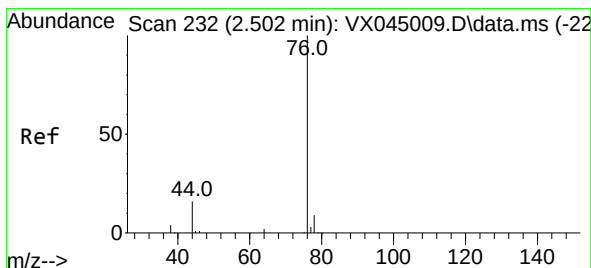
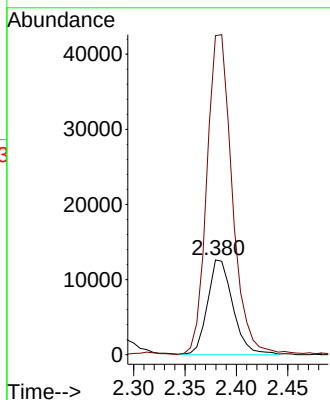
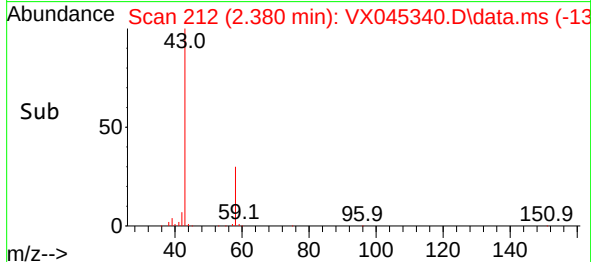
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 21649
Ion Ratio Lower Upper
58 100
43 337.7 258.6 388.0

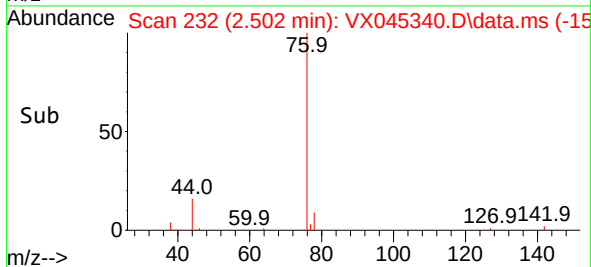
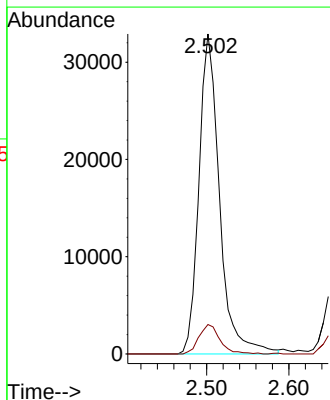
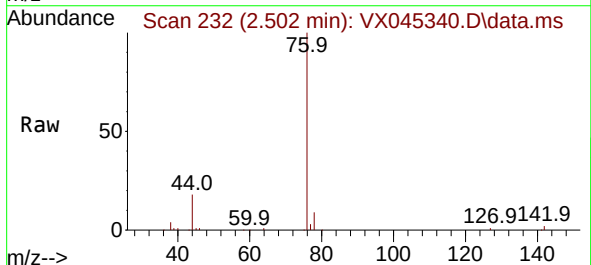
Manual Integrations
APPROVED

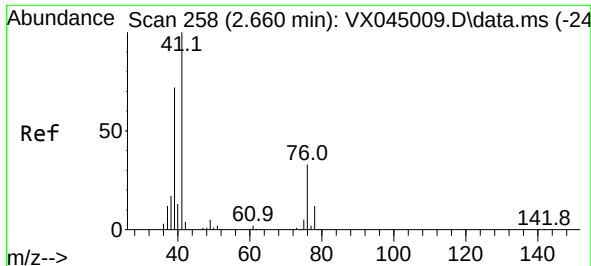
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#16
Carbon Disulfide
Concen: 16.170 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

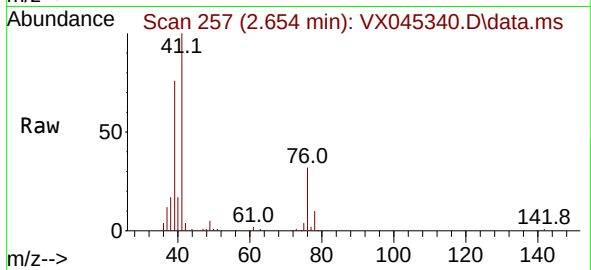
Tgt Ion: 76 Resp: 57310
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17
 Allyl chloride
 Concen: 19.594 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045340.D
 Acq: 19 Mar 2025 10:41

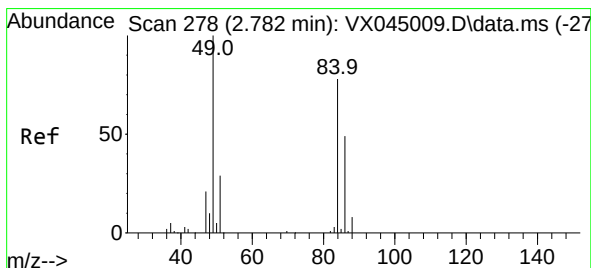
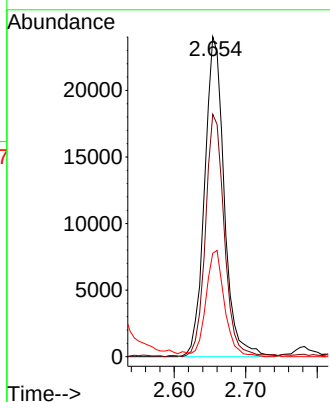
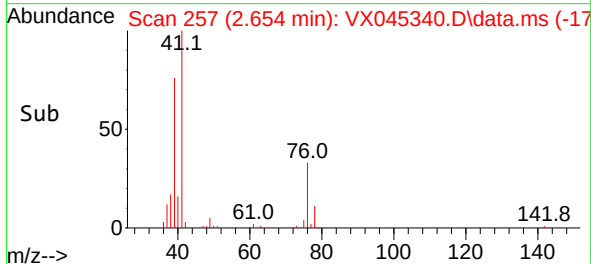
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 45792
 Ion Ratio Lower Upper
 41 100
 39 75.5 36.2 108.6
 76 32.1 17.2 51.5

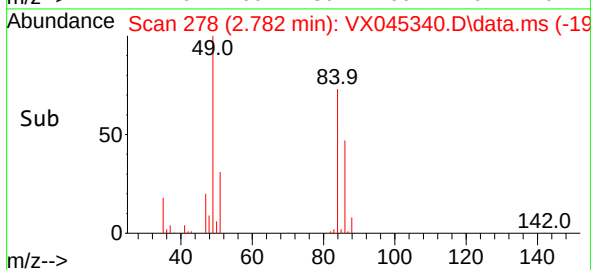
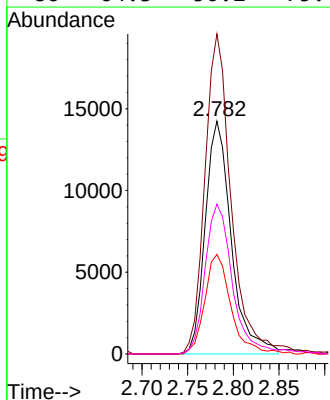
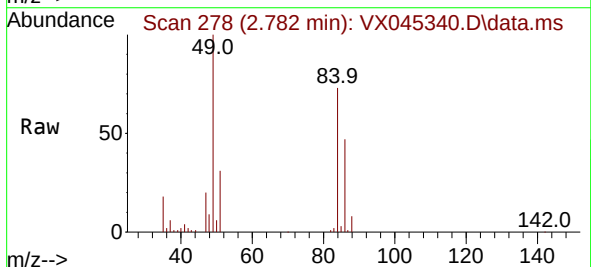
Manual Integrations
 APPROVED

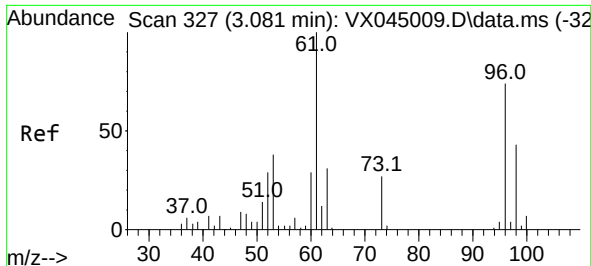
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025



#18
 Methylene Chloride
 Concen: 20.130 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045340.D
 Acq: 19 Mar 2025 10:41

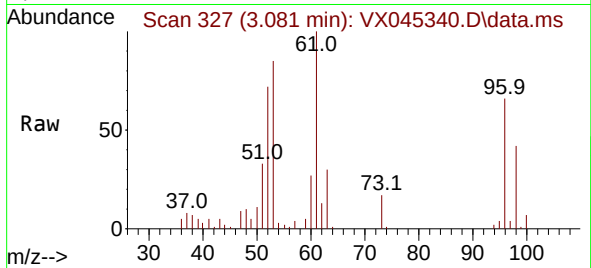
Tgt Ion: 84 Resp: 28292
 Ion Ratio Lower Upper
 84 100
 49 137.5 102.8 154.2
 51 42.8 30.1 45.1
 86 64.3 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 19.124 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

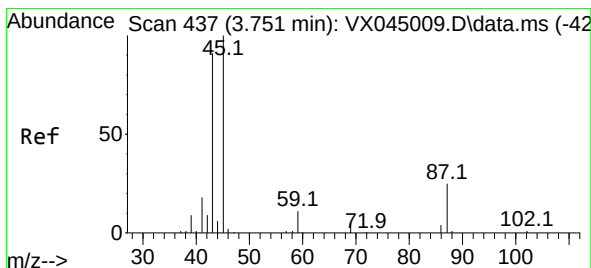
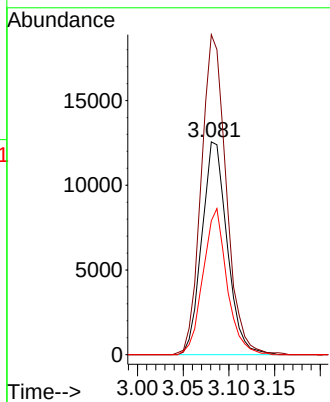
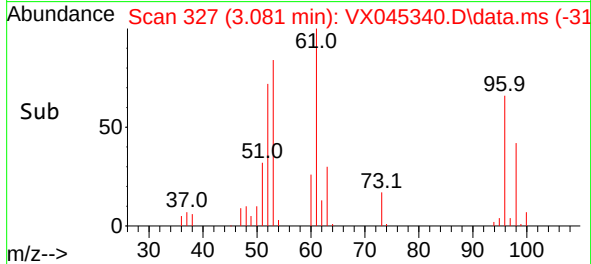
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 2417
Ion Ratio Lower Upper
96 100
61 149.5 108.6 163.0
98 63.0 46.5 69.7

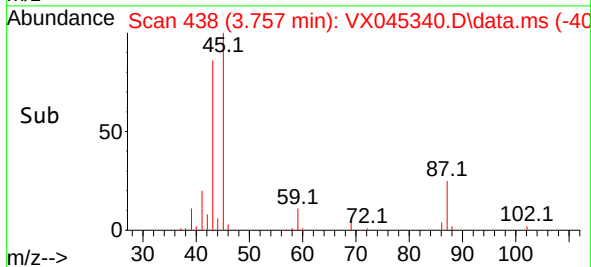
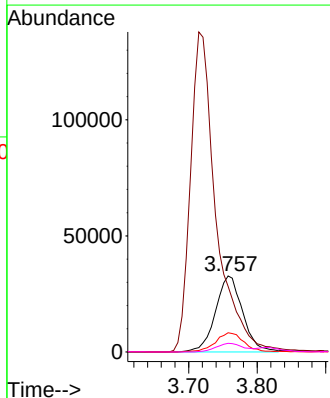
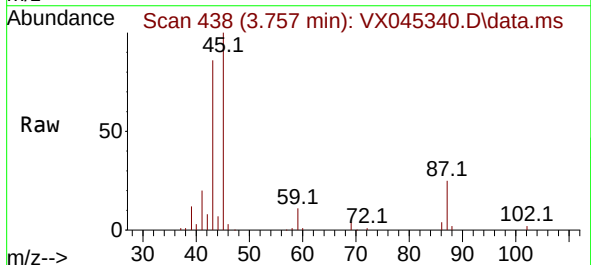
Manual Integrations
APPROVED

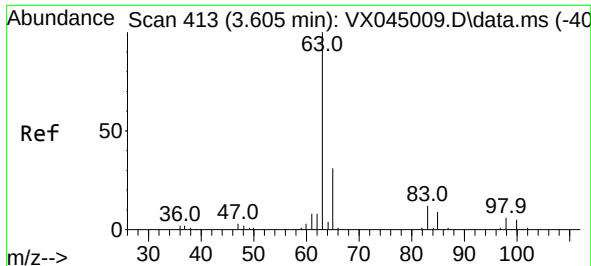
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#20
Diisopropyl ether
Concen: 19.995 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 45 Resp: 89800
Ion Ratio Lower Upper
45 100
43 81.6 74.4 111.6
87 25.2 19.8 29.8
59 11.5 9.0 13.4





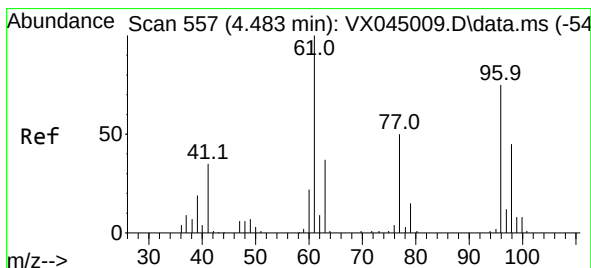
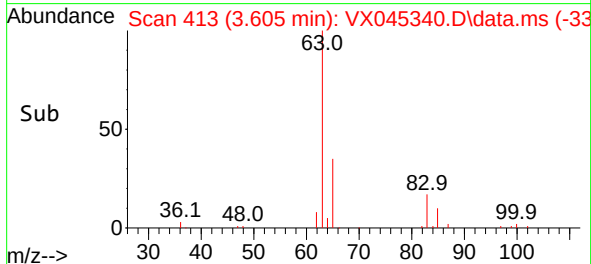
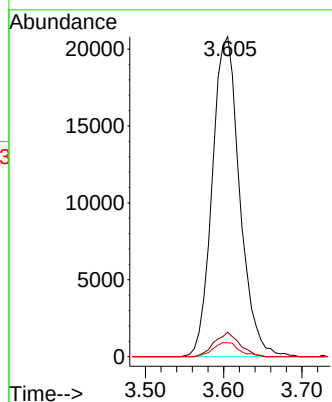
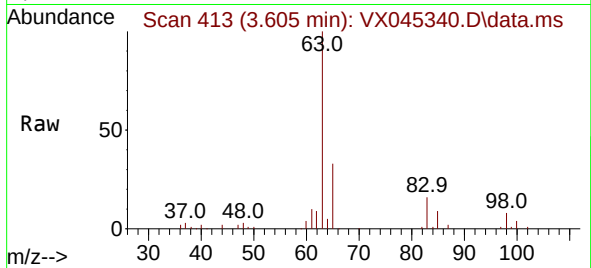
#21
1,1-Dichloroethane
Concen: 20.273 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 5063
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.8
100 4.3 2.4 7.1

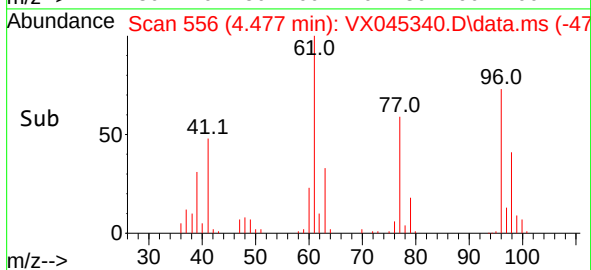
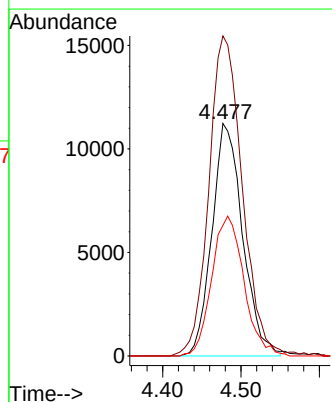
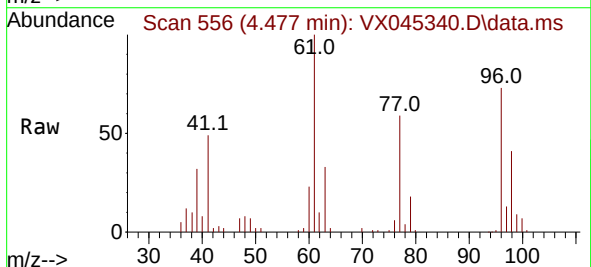
Manual Integrations
APPROVED

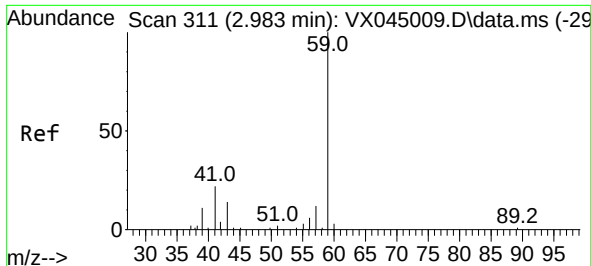
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#22
cis-1,2-Dichloroethene
Concen: 20.180 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 96 Resp: 30571
Ion Ratio Lower Upper
96 100
61 148.9 118.9 178.3
98 63.2 50.7 76.1





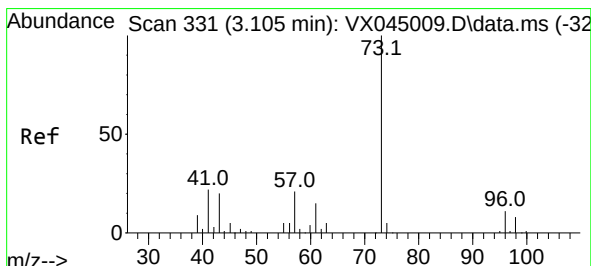
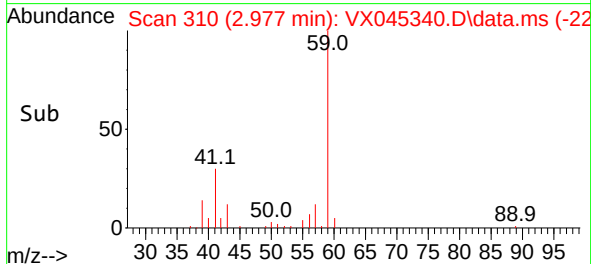
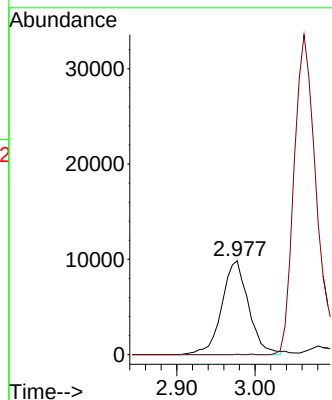
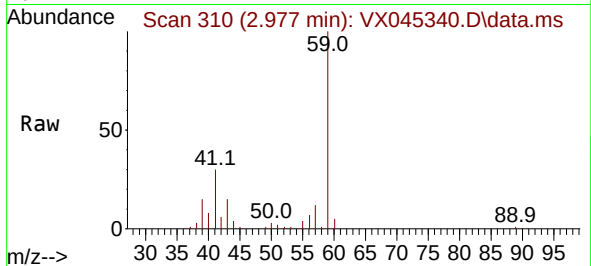
#23
tert-Butyl Alcohol
Concen: 94.701 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 2343
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

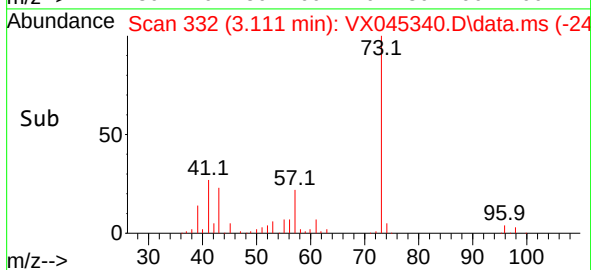
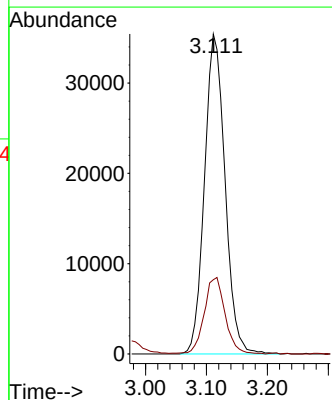
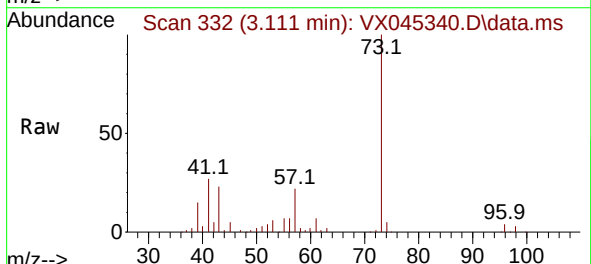
Manual Integrations
APPROVED

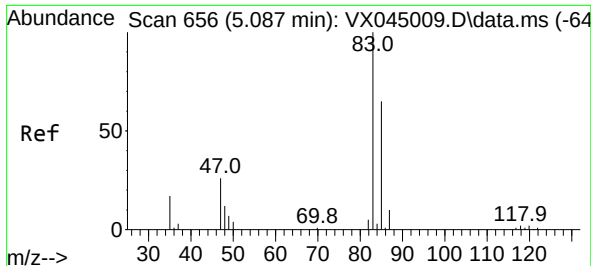
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#24
Methyl tert-Butyl Ether
Concen: 20.334 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 73 Resp: 82928
Ion Ratio Lower Upper
73 100
43 24.4 17.4 26.0





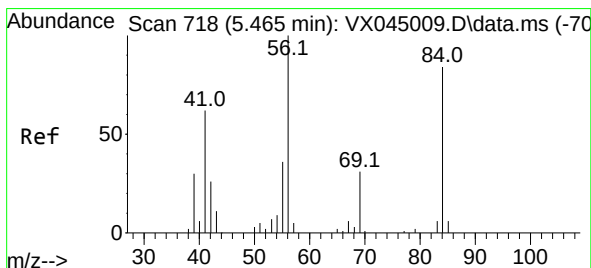
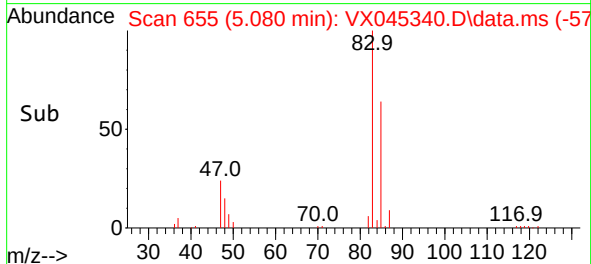
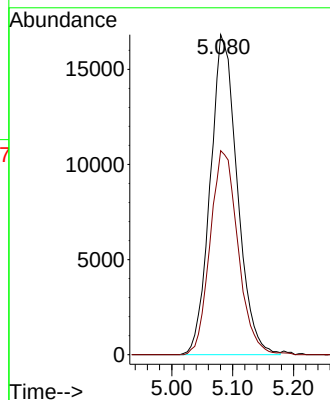
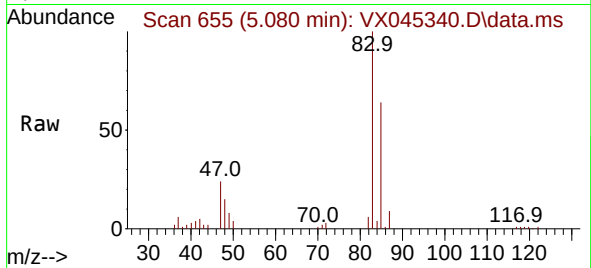
#25
Chloroform
Concen: 21.483 ug/l
RT: 5.080 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 51829
Ion Ratio Lower Upper
83 100
85 63.8 51.7 77.5

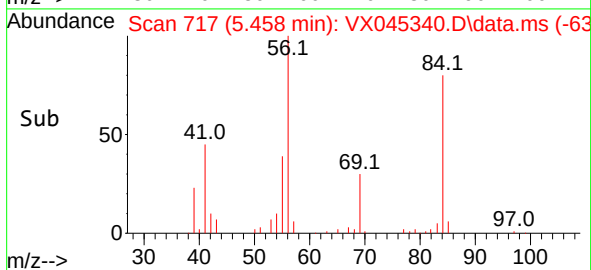
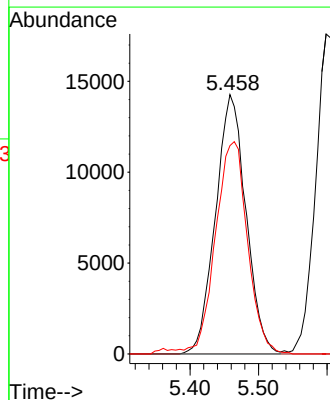
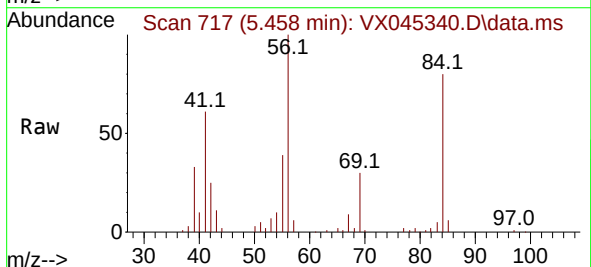
Manual Integrations
APPROVED

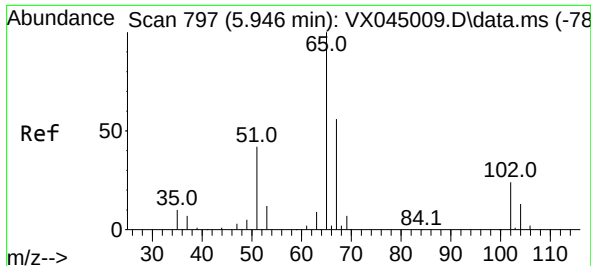
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#26
Cyclohexane
Concen: 19.086 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 56 Resp: 44003
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 67.1 100.7





#27
1,2-Dichloroethane-d4
Concen: 32.812 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

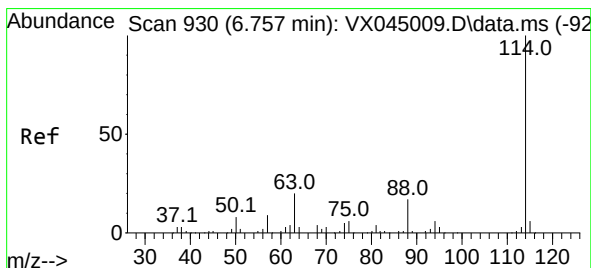
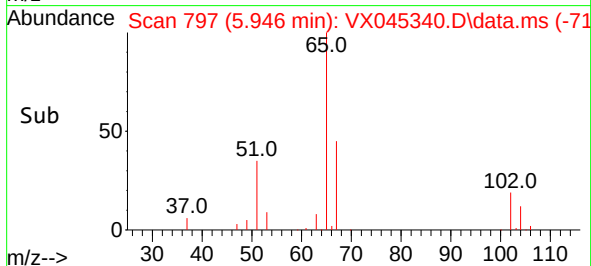
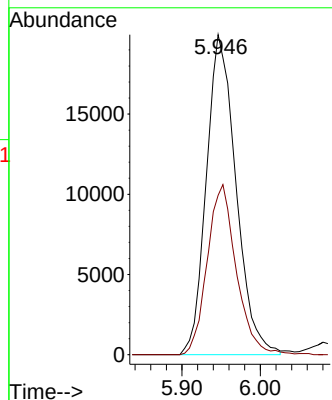
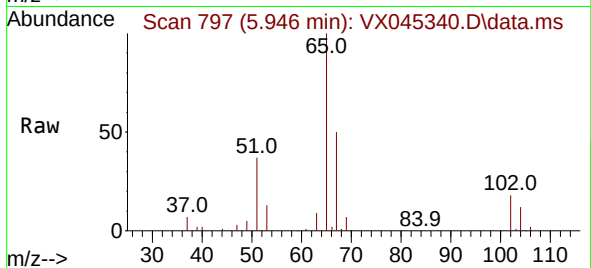
VSTDCCC020

Tgt Ion: 65 Resp: 5242
Ion Ratio Lower Upper
65 100
67 52.0 42.6 64.0

Manual Integrations

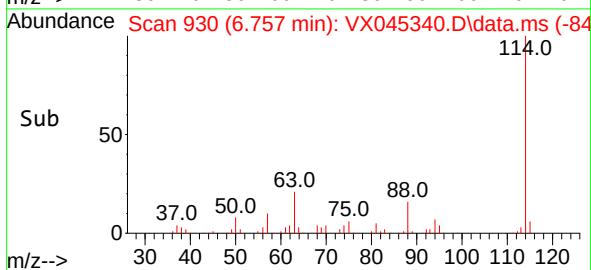
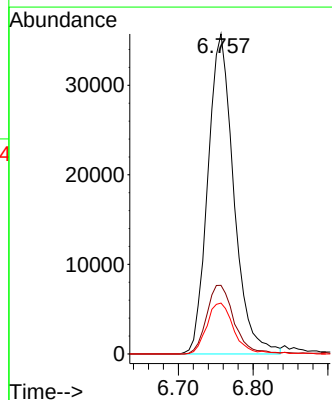
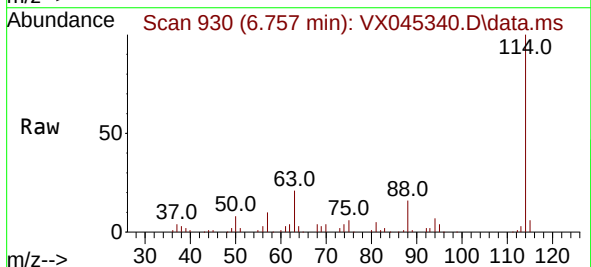
APPROVED

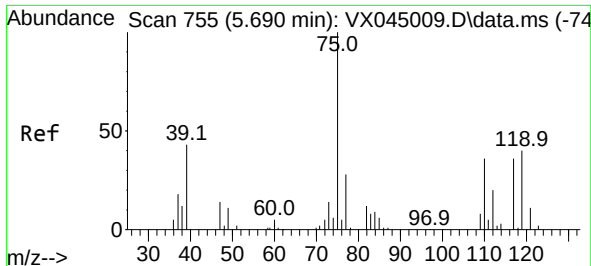
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion:114 Resp: 86152
Ion Ratio Lower Upper
114 100
63 22.5 16.8 25.2
88 16.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.610 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045340.D

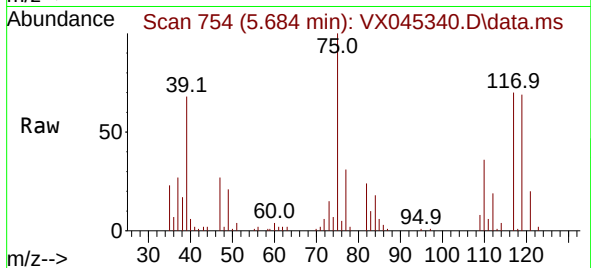
Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 3266

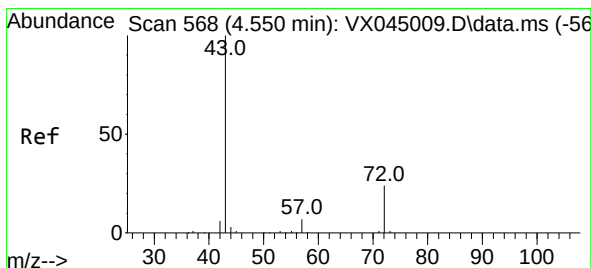
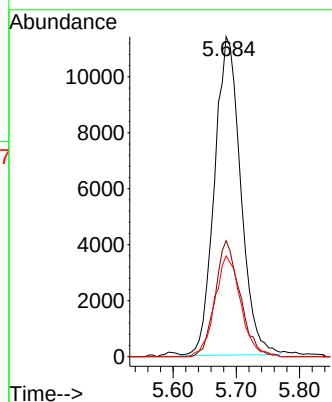
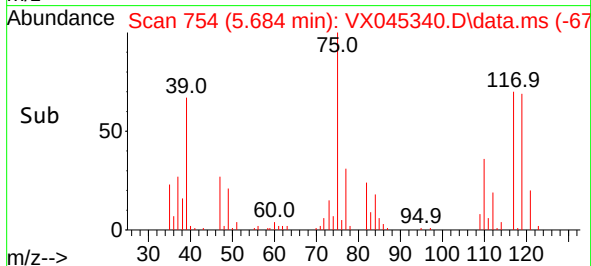
Ion	Ratio	Lower	Upper
75	100		
110	34.4	0.0	69.2
77	31.5	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#30

2-Butanone

Concen: 124.364 ug/l

RT: 4.556 min Scan# 569

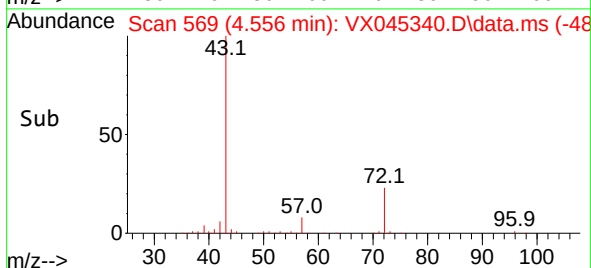
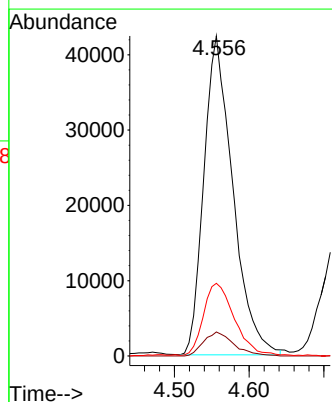
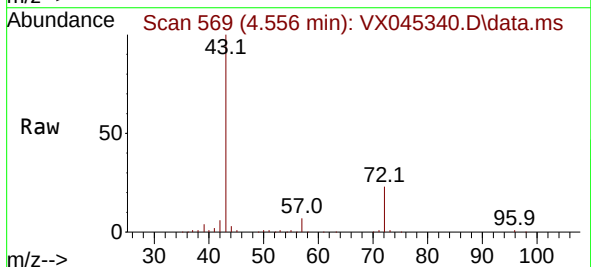
Delta R.T. 0.006 min

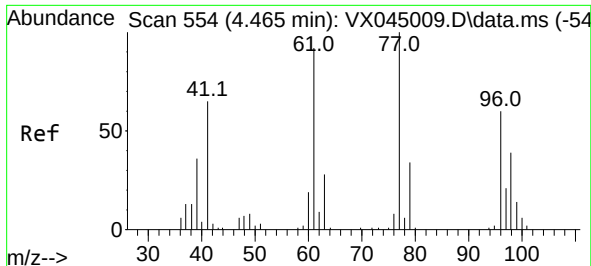
Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Tgt Ion: 43 Resp: 113838

Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.2
72	24.2	20.2	30.2





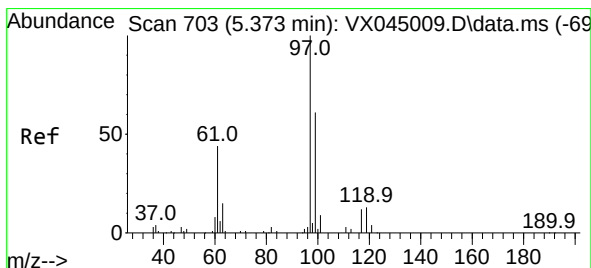
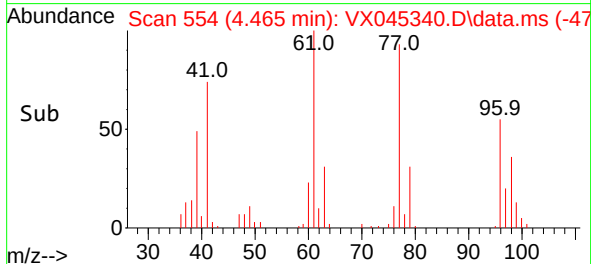
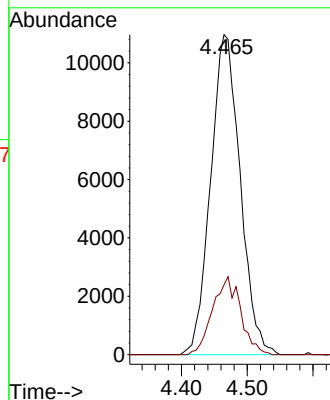
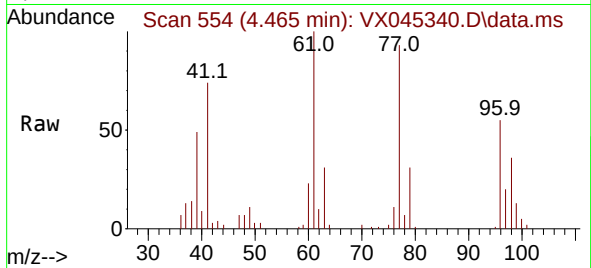
#31
2,2-Dichloropropane
Concen: 19.147 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 3431
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0

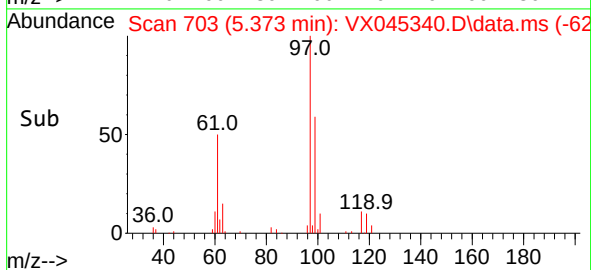
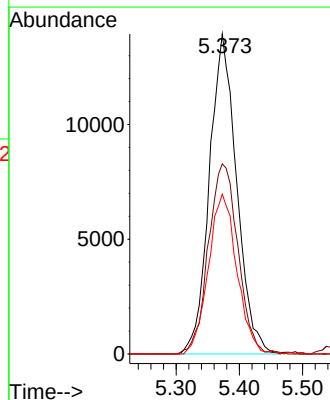
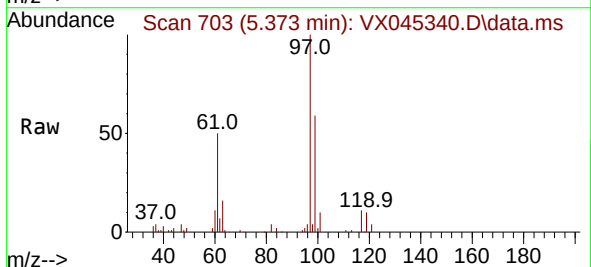
Manual Integrations
APPROVED

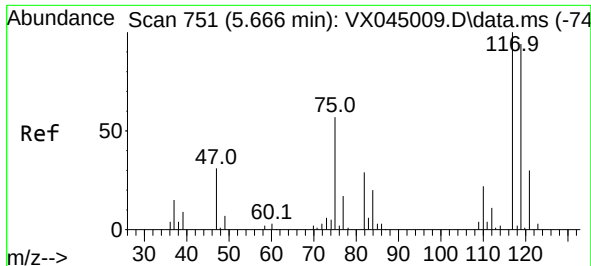
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#32
1,1,1-Trichloroethane
Concen: 21.744 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

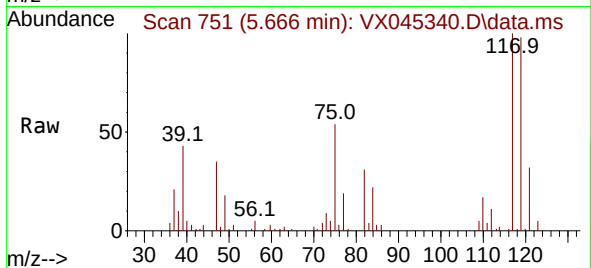
Tgt Ion: 97 Resp: 41753
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 52.0 38.5 57.7





#33
Carbon Tetrachloride
Concen: 21.335 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

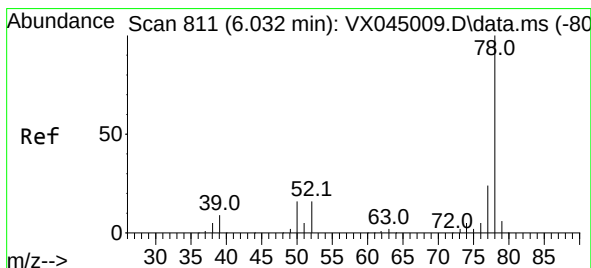
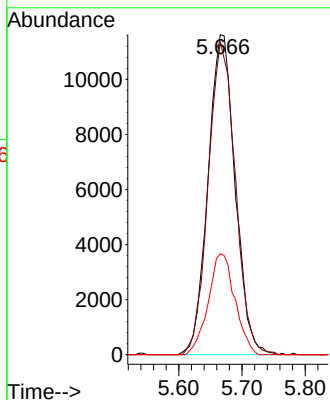
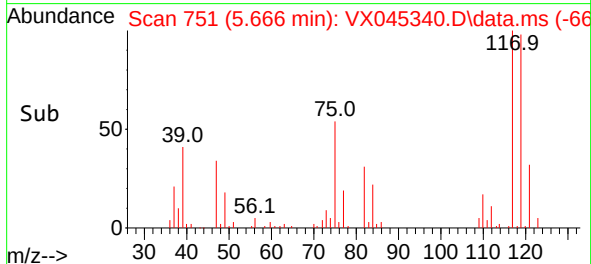
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



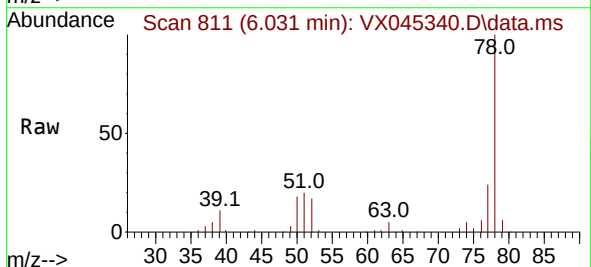
Tgt Ion: 117 Resp: 34574
Ion Ratio Lower Upper
117 100
119 97.7 75.1 112.7
121 31.5 23.9 35.9

Manual Integrations
APPROVED

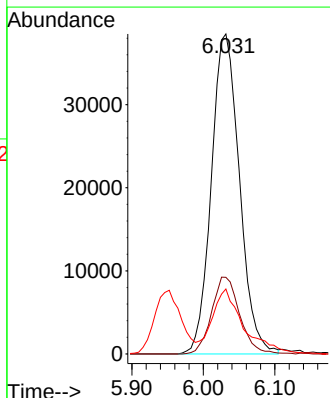
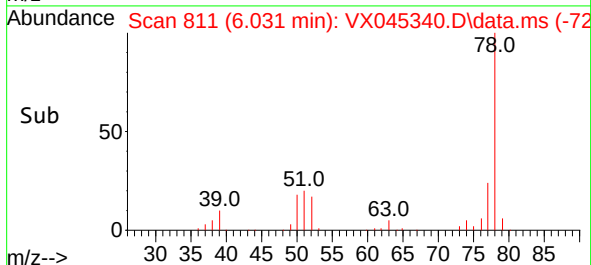
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

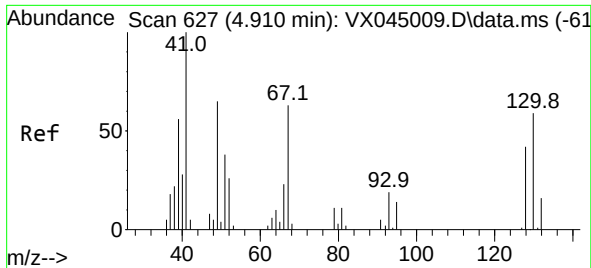


#34
Benzene
Concen: 21.181 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



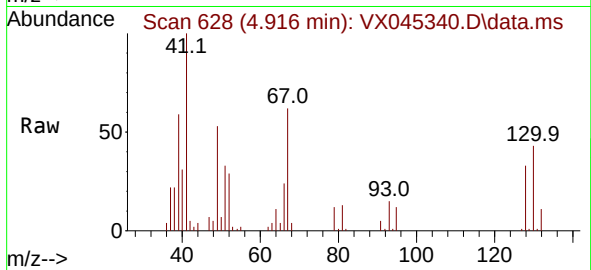
Tgt Ion: 78 Resp: 105267
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4
51 18.5 13.8 20.6





#35
Methacrylonitrile
Concen: 24.103 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

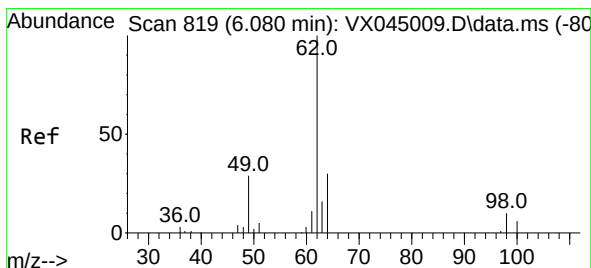
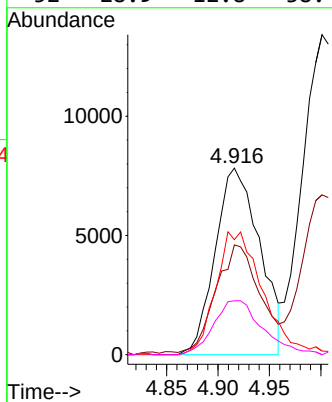
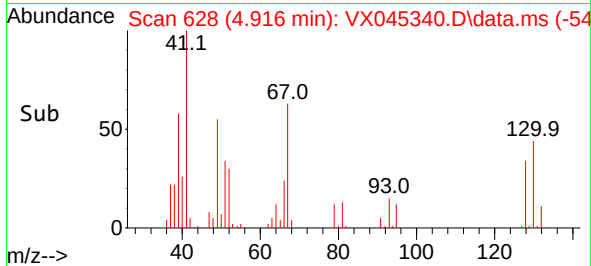
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 23610
Ion Ratio Lower Upper
41 100
39 57.6 27.8 83.4
67 61.6 31.5 94.5
52 28.9 12.8 38.4

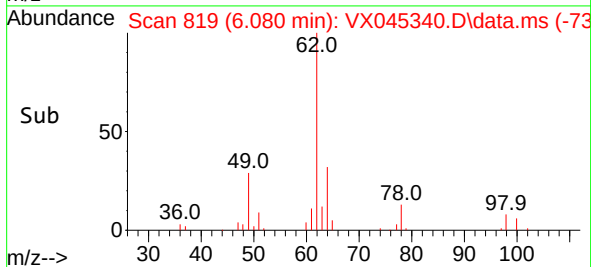
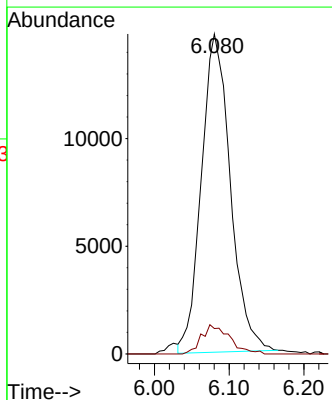
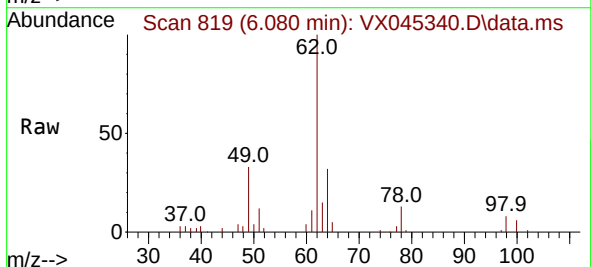
Manual Integrations
APPROVED

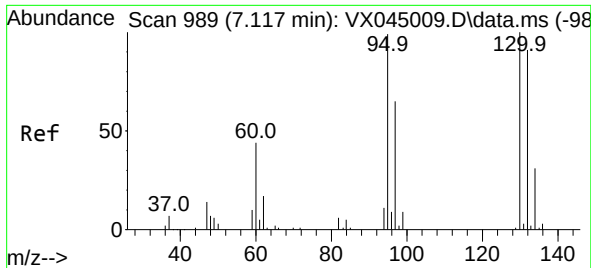
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#36
1,2-Dichloroethane
Concen: 23.413 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

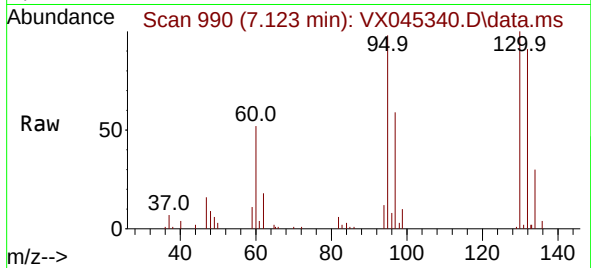
Tgt Ion: 62 Resp: 39838
Ion Ratio Lower Upper
62 100
98 8.8 7.9 11.9





#37
Trichloroethene
Concen: 20.936 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

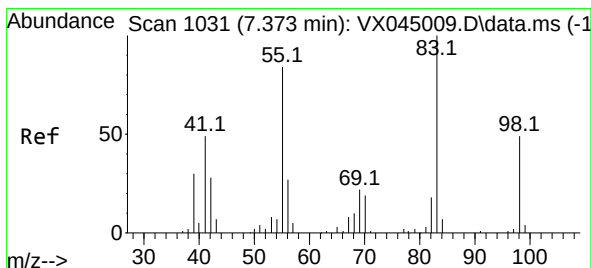
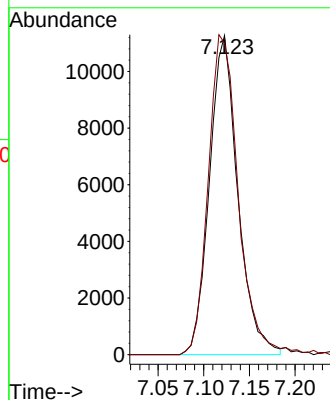
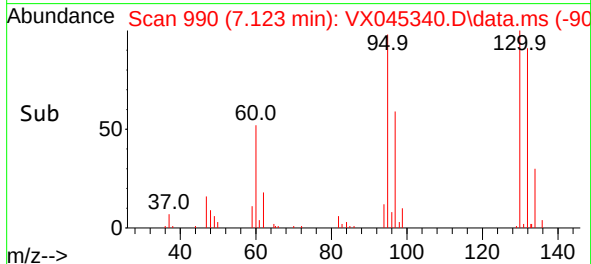
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



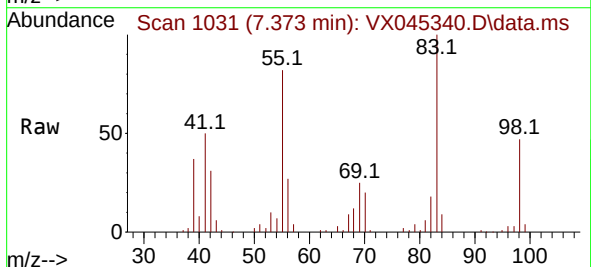
Tgt Ion:130 Resp: 2434
Ion Ratio Lower Upper
130 100
95 97.6 79.0 118.4

Manual Integrations
APPROVED

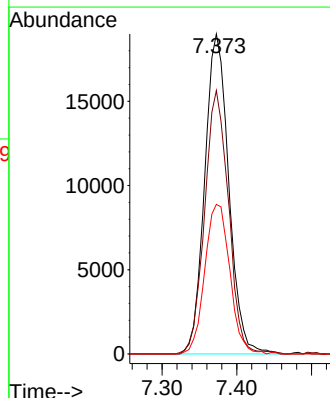
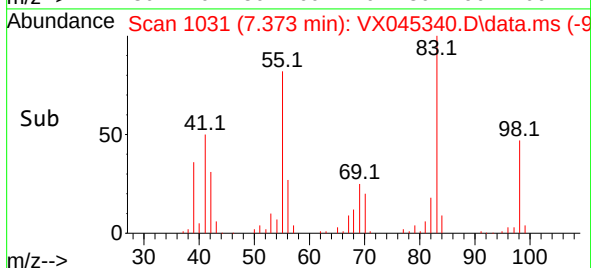
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

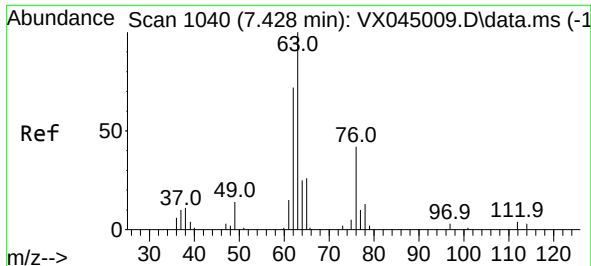


#38
Methylcyclohexane
Concen: 19.959 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



Tgt Ion: 83 Resp: 42471
Ion Ratio Lower Upper
83 100
55 81.6 40.6 122.0
98 48.5 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.823 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 25728

Ion Ratio Lower Upper

63 100

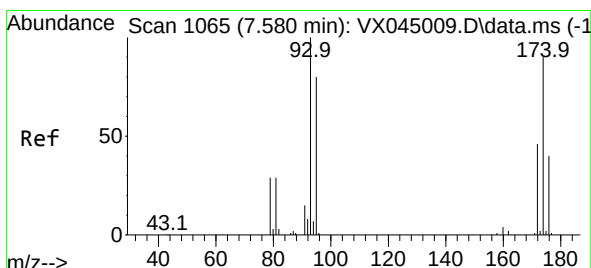
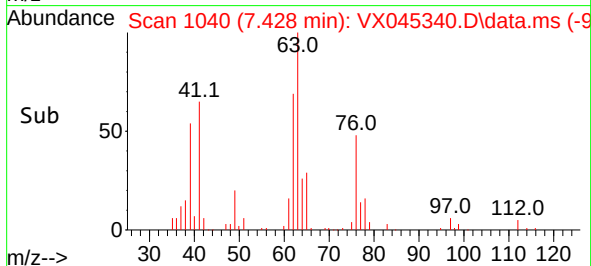
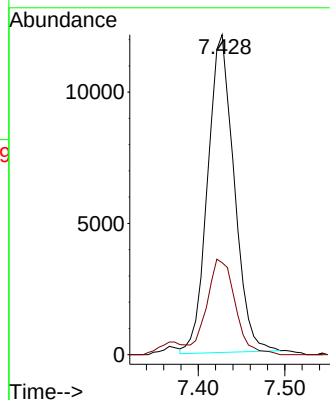
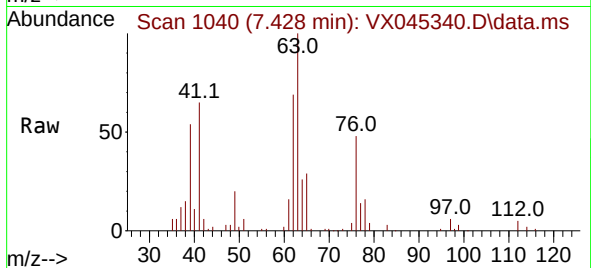
65 29.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#40

Dibromomethane

Concen: 22.434 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

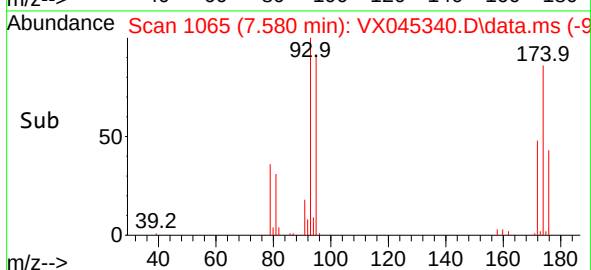
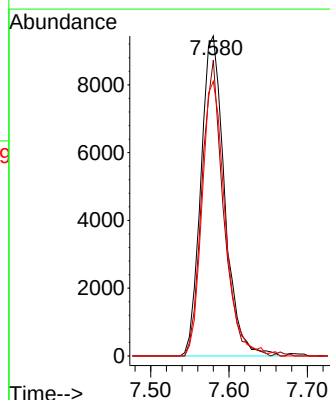
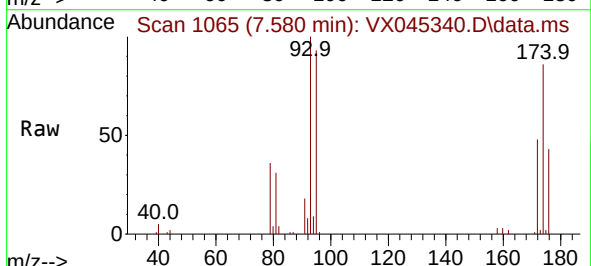
Tgt Ion: 93 Resp: 19891

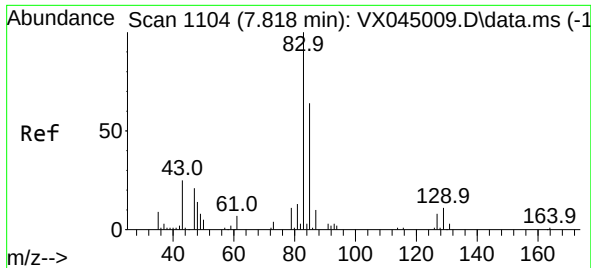
Ion Ratio Lower Upper

93 100

95 83.8 0.0 162.6

174 82.9 0.0 178.8





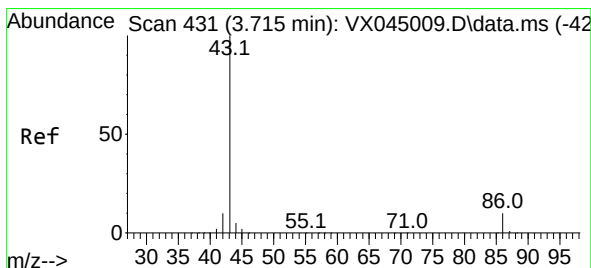
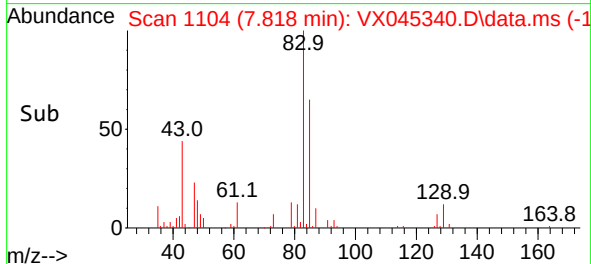
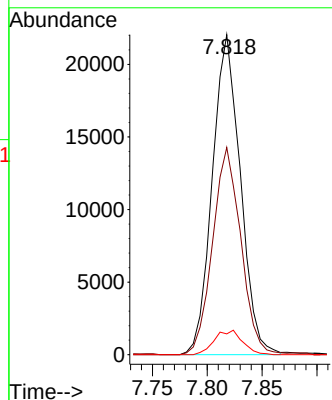
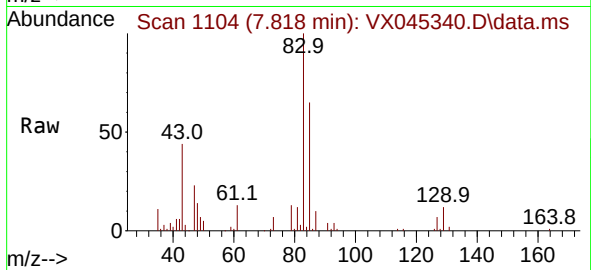
#41
Bromodichloromethane
Concen: 22.261 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 39228
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.6
127 6.5 6.1 9.1

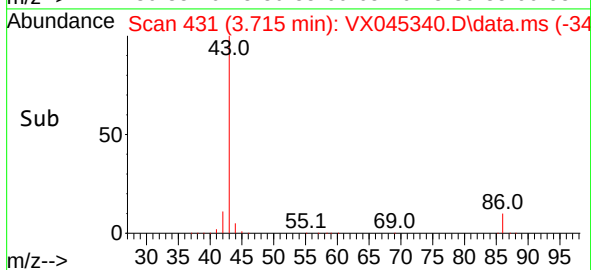
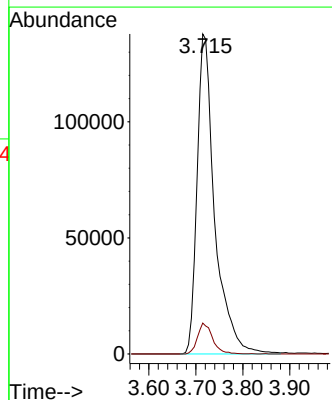
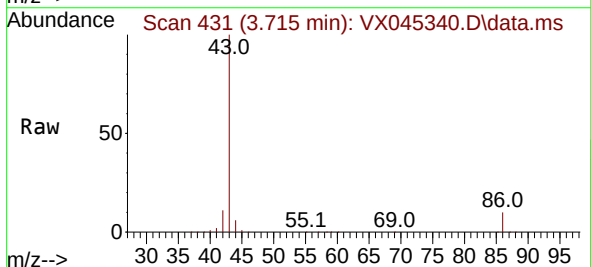
Manual Integrations
APPROVED

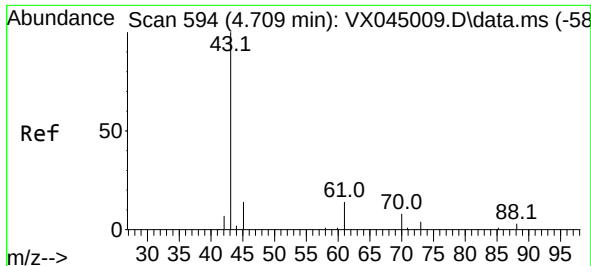
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#42
Vinyl Acetate
Concen: 101.532 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

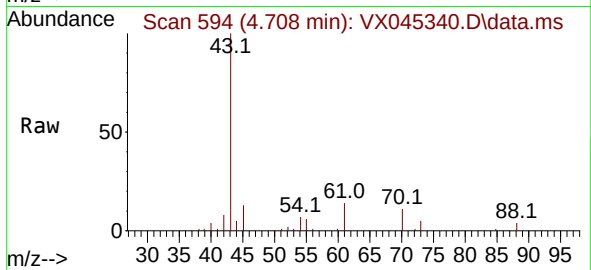
Tgt Ion: 43 Resp: 360651
Ion Ratio Lower Upper
43 100
86 8.2 7.0 10.4





#43
Ethyl Acetate
Concen: 23.957 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

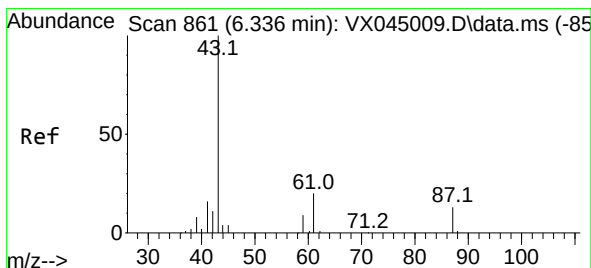
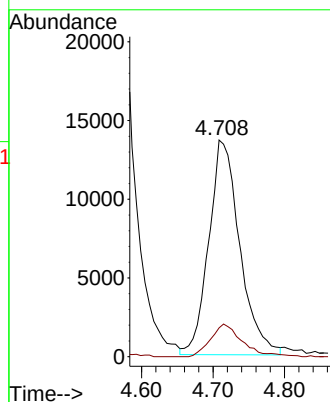
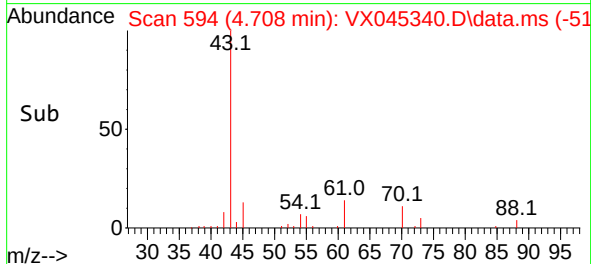
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 41129
Ion Ratio Lower Upper
43 100
45 14.8 12.7 19.1

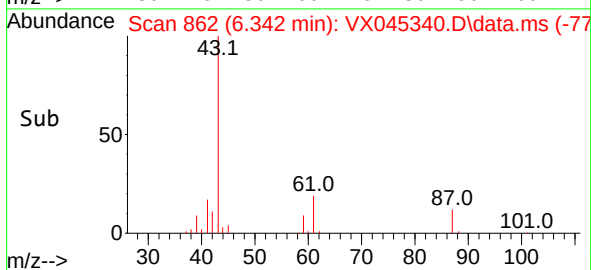
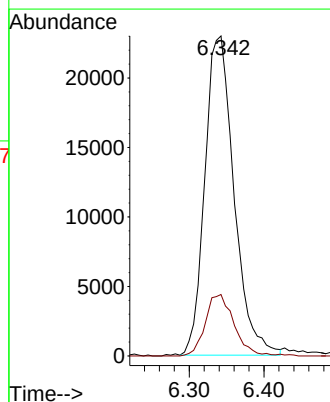
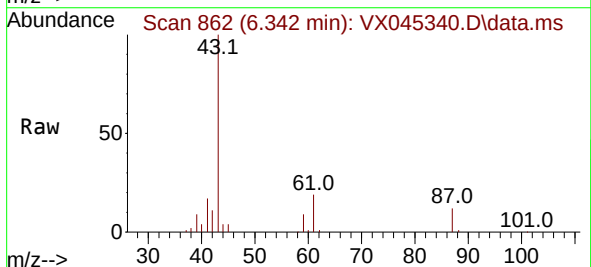
Manual Integrations
APPROVED

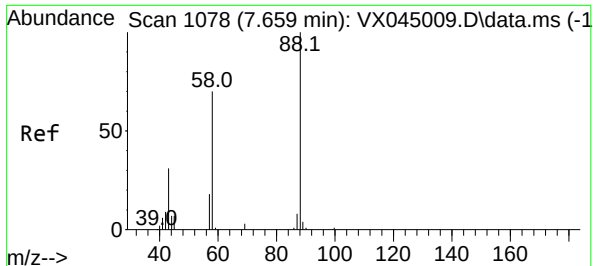
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#44
Isopropyl Acetate
Concen: 22.048 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

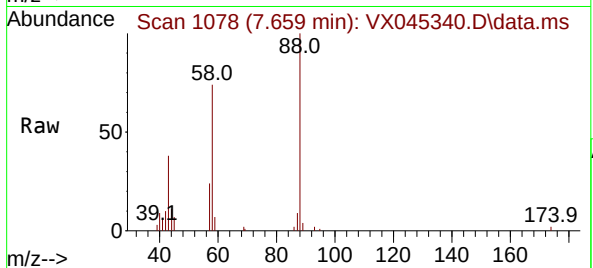
Tgt Ion: 43 Resp: 62292
Ion Ratio Lower Upper
43 100
61 18.7 15.5 23.3





#45
1,4-Dioxane
Concen: 394.071 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

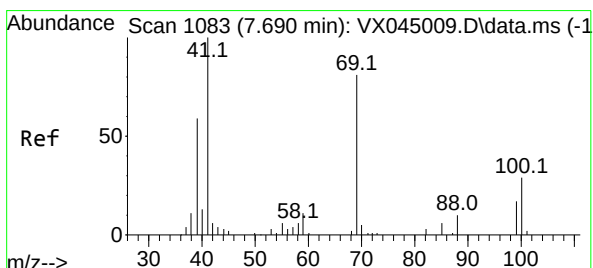
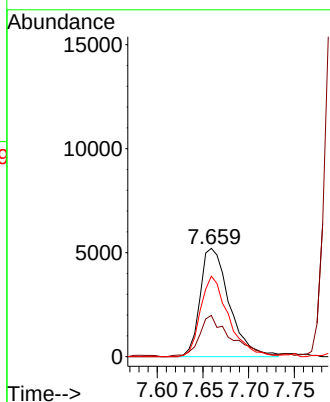
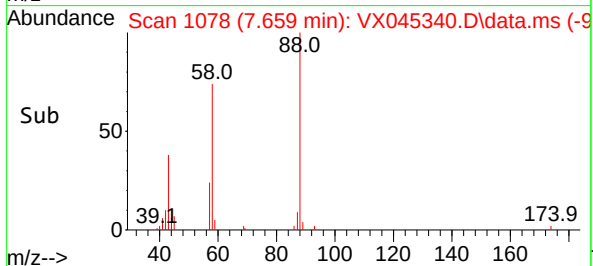
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 11574
Ion Ratio Lower Upper
88 100
43 36.6 29.6 44.4
58 71.3 56.2 84.4

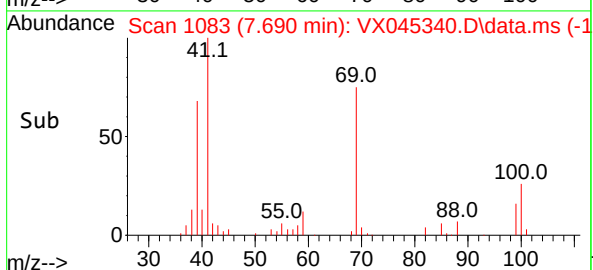
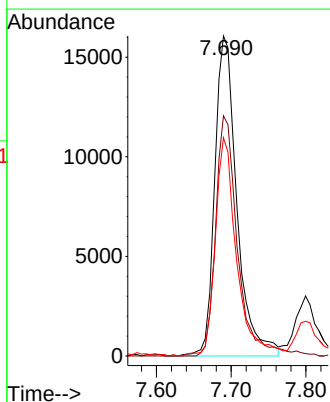
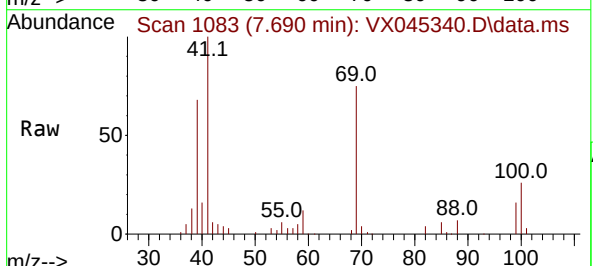
Manual Integrations
APPROVED

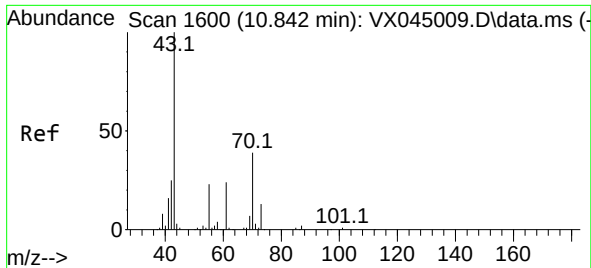
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#46
Methyl methacrylate
Concen: 23.923 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

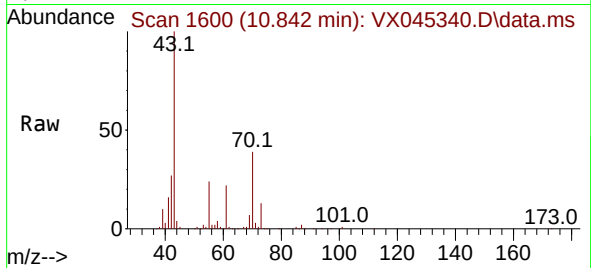
Tgt Ion: 41 Resp: 33143
Ion Ratio Lower Upper
41 100
69 75.0 40.7 122.1
39 68.2 29.5 88.5





#47
n-amy1 Acetate
Concen: 20.723 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

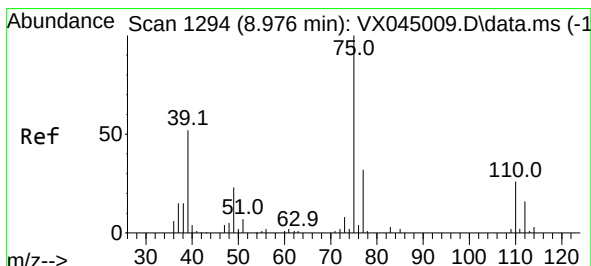
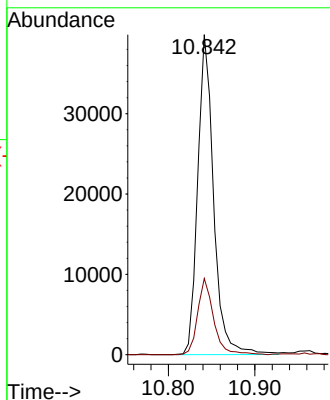
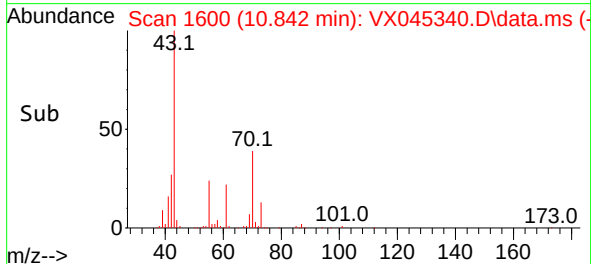
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 5080
Ion Ratio Lower Upper
43 100
55 23.9 18.6 27.8

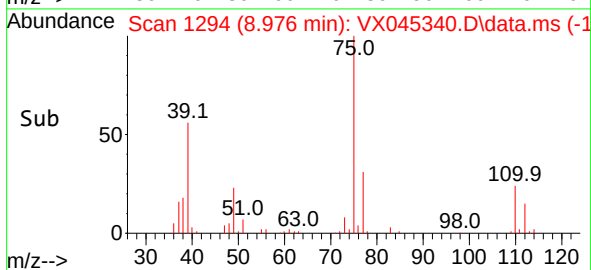
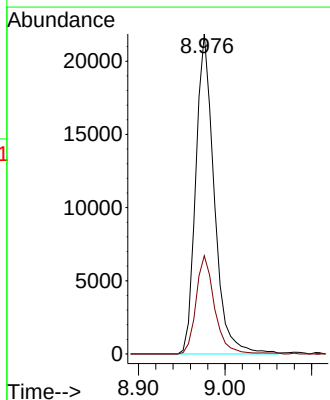
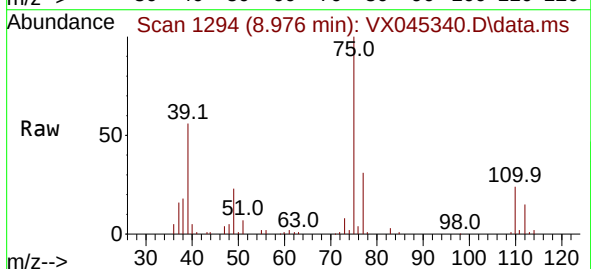
Manual Integrations
APPROVED

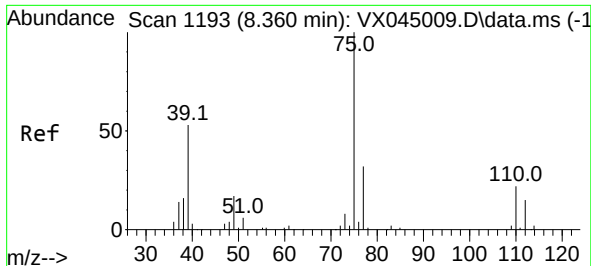
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#48
t-1,3-Dichloropropene
Concen: 19.050 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 75 Resp: 32357
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 20.120 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 3868

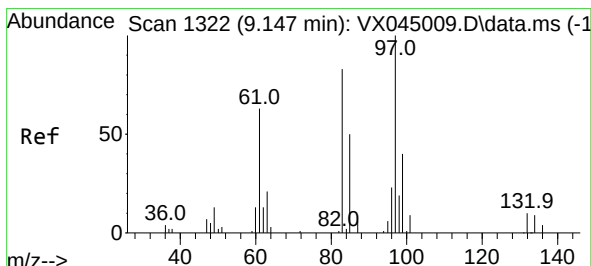
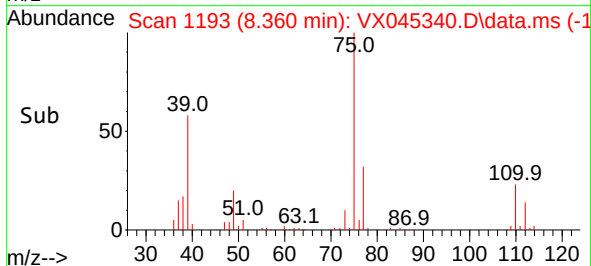
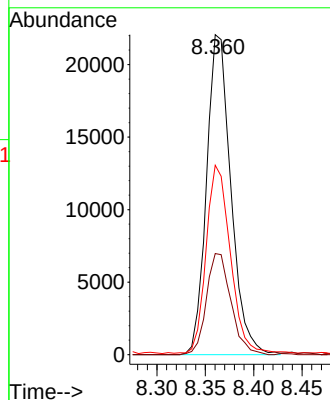
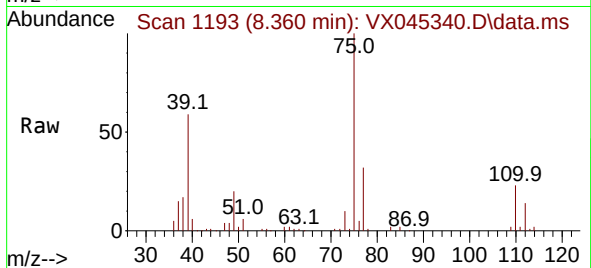
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.9	38.9
39	58.6	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#50

1,1,2-Trichloroethane

Concen: 22.055 ug/l

RT: 9.147 min Scan# 1322

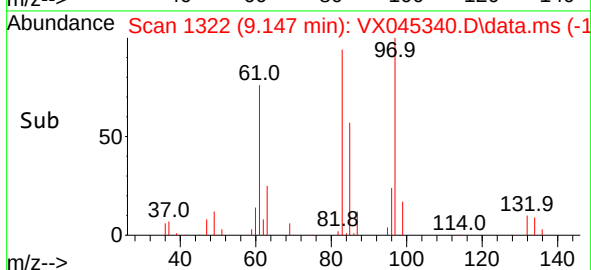
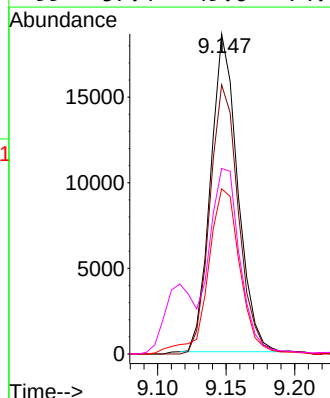
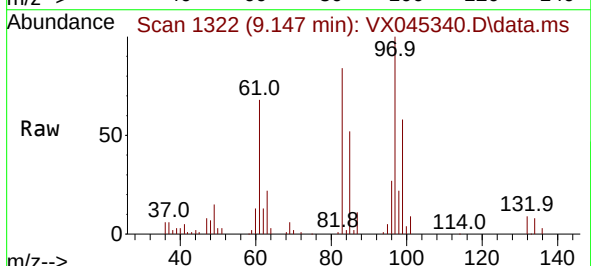
Delta R.T. -0.000 min

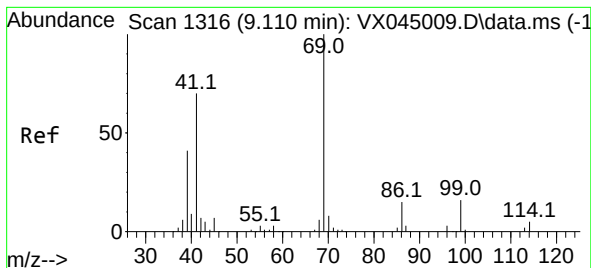
Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Tgt Ion: 97 Resp: 25507

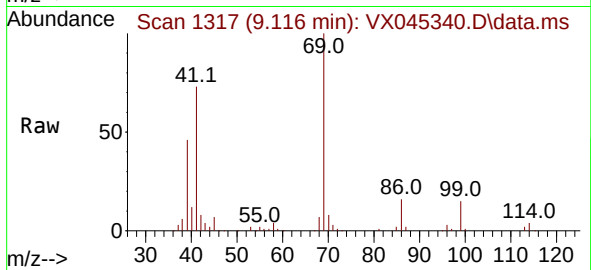
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.0	99.0
85	51.3	42.5	63.7
99	57.4	49.6	74.4





#51
Ethyl methacrylate
Concen: 21.334 ug/l
RT: 9.116 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

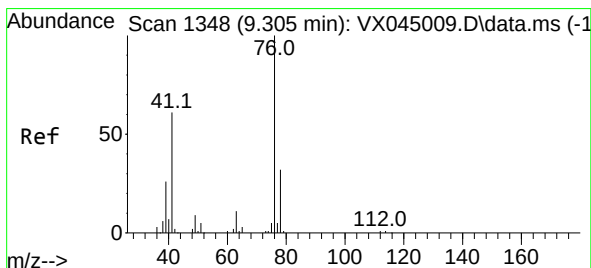
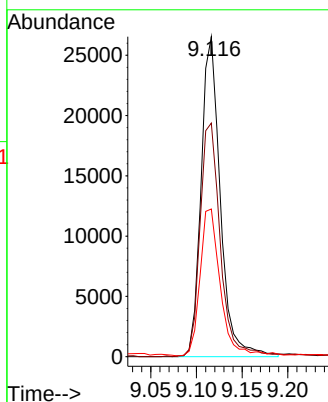
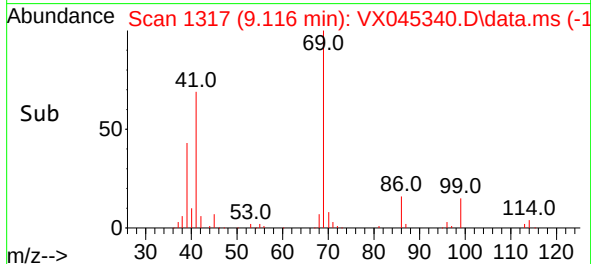
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 3880
Ion Ratio Lower Upper
69 100
41 72.7 35.1 105.3
39 46.0 20.5 61.6

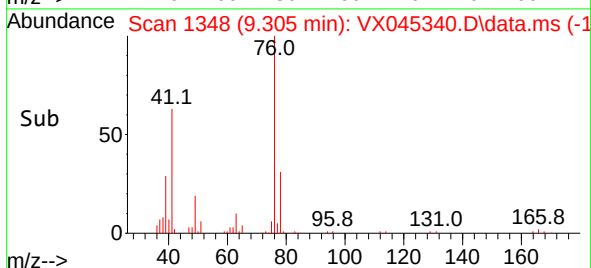
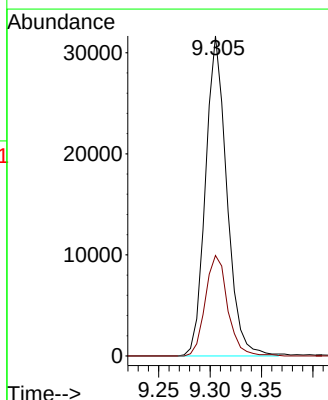
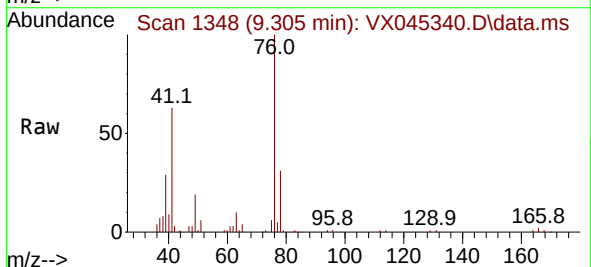
Manual Integrations
APPROVED

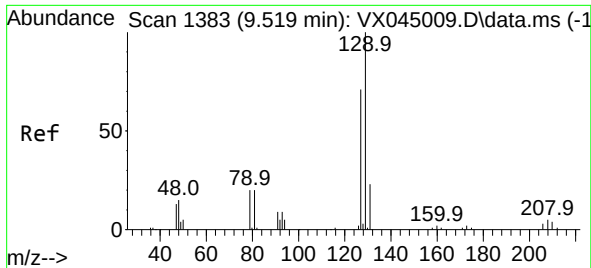
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#52
1,3-Dichloropropane
Concen: 22.567 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

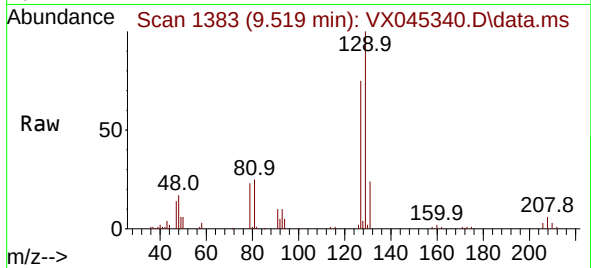
Tgt Ion: 76 Resp: 45730
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.6





#53
Dibromochloromethane
Concen: 21.709 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

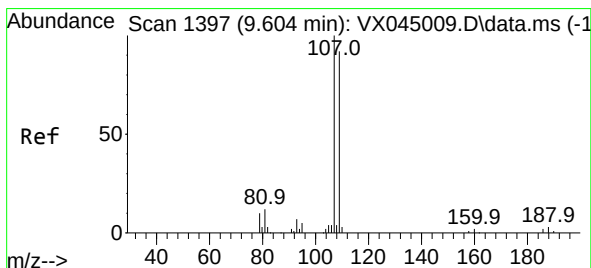
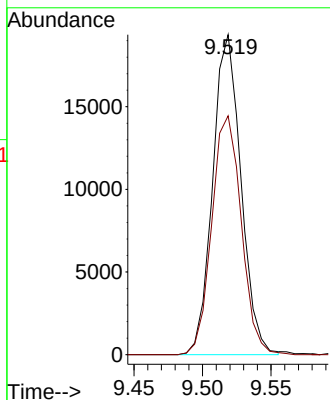
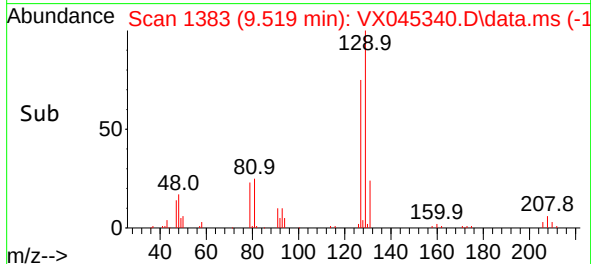
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



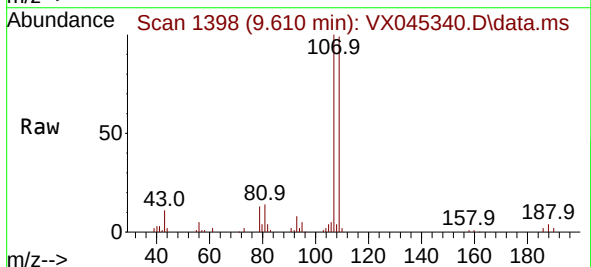
Tgt Ion:129 Resp: 27768
Ion Ratio Lower Upper
129 100
127 77.9 37.3 111.9

Manual Integrations
APPROVED

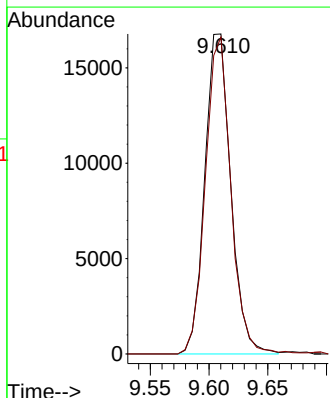
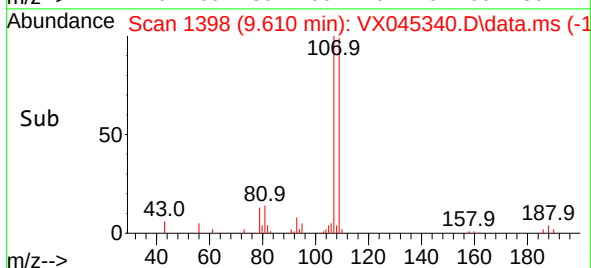
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

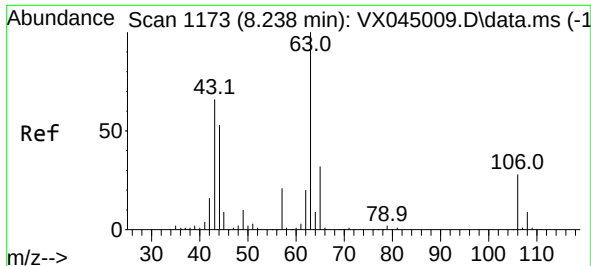


#54
1,2-Dibromoethane
Concen: 21.988 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



Tgt Ion:107 Resp: 25822
Ion Ratio Lower Upper
107 100
109 96.9 75.8 113.8





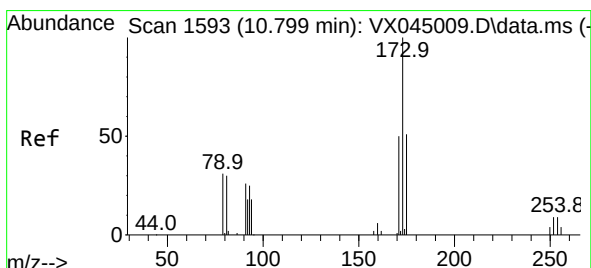
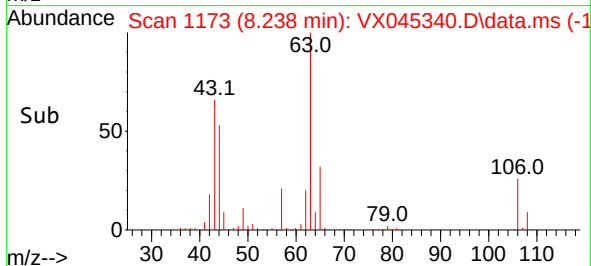
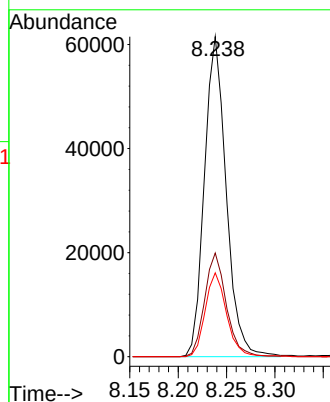
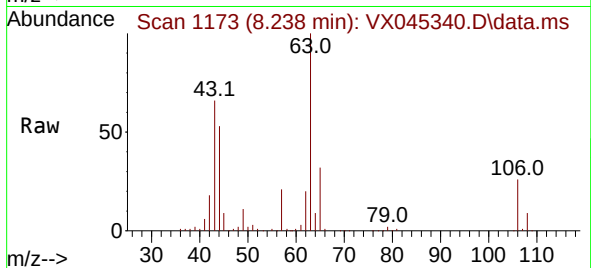
#55
2-Chloroethyl vinyl ether
Concen: 103.422 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 9660
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 25.5 21.2 31.8

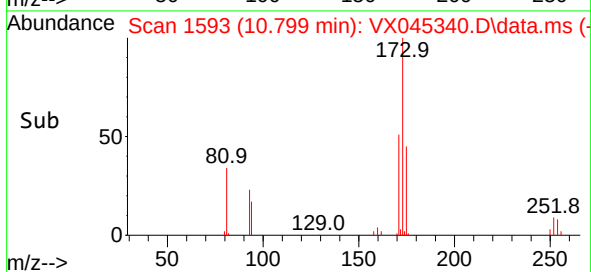
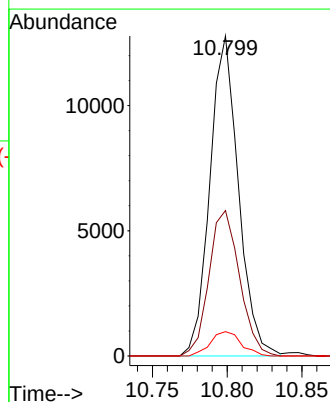
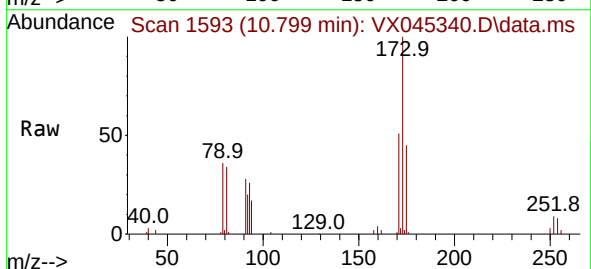
Manual Integrations
APPROVED

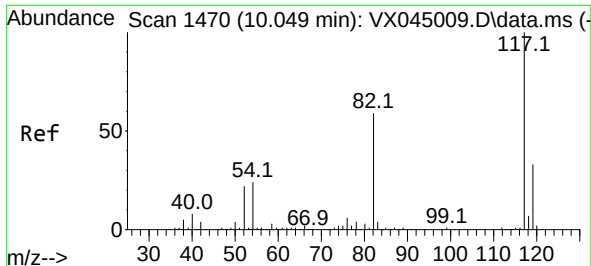
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#56
Bromoform
Concen: 21.196 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

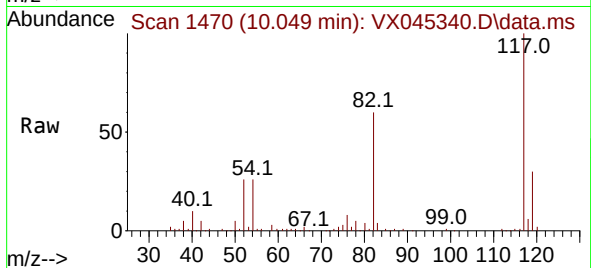
Tgt Ion:173 Resp: 16989
Ion Ratio Lower Upper
173 100
175 48.6 39.6 59.4
254 8.2 6.3 9.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

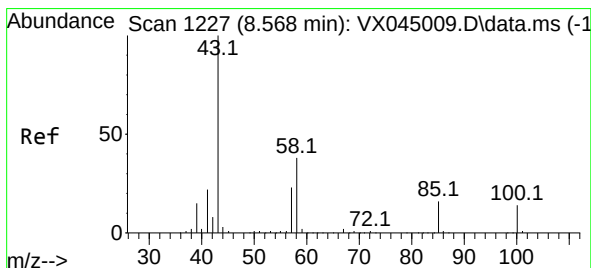
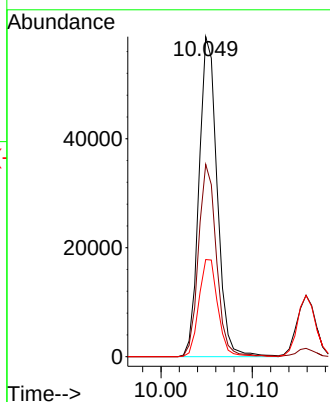
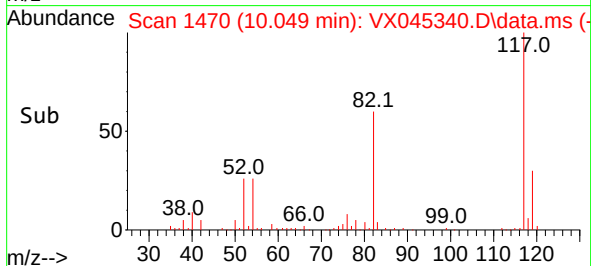
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 8089
Ion Ratio Lower Upper
117 100
82 58.9 45.8 68.8
119 31.6 25.5 38.3

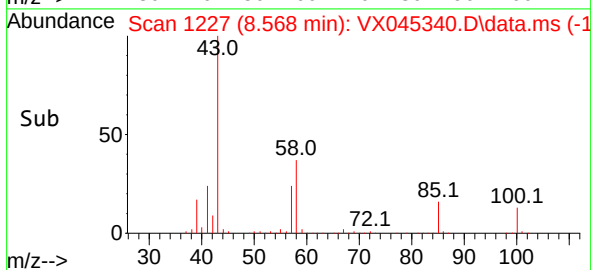
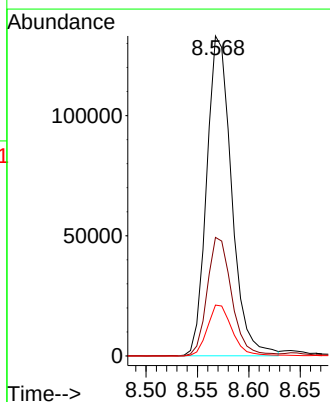
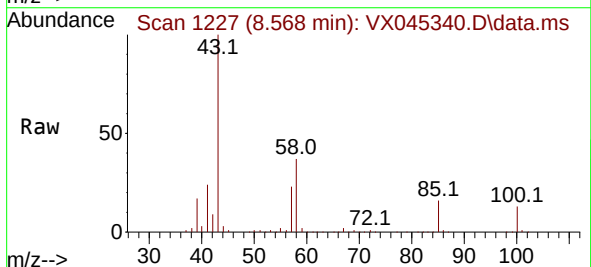
Manual Integrations
APPROVED

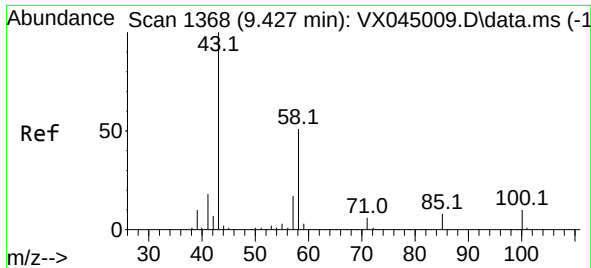
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#58
4-Methyl-2-Pentanone
Concen: 121.880 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

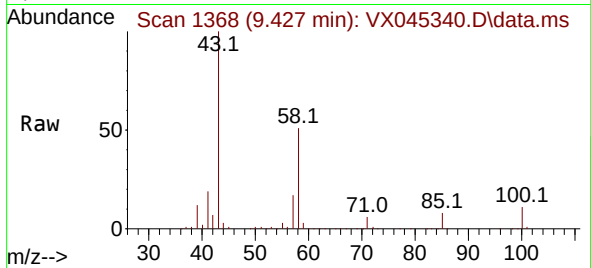
Tgt Ion: 43 Resp: 224283
Ion Ratio Lower Upper
43 100
58 36.6 29.5 44.3
85 16.0 12.9 19.3





#59
2-Hexanone
Concen: 123.186 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

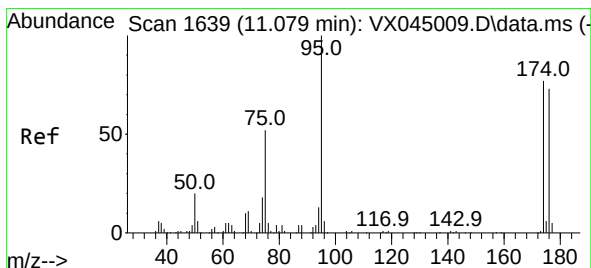
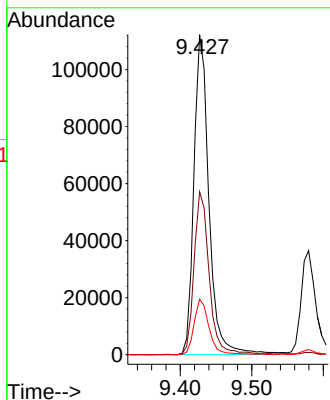
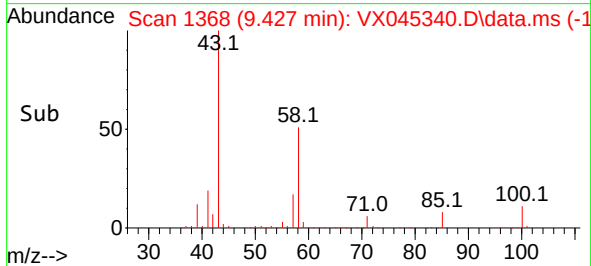
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 163850
Ion Ratio Lower Upper
43 100
58 50.4 41.6 62.4
57 17.3 13.8 20.6

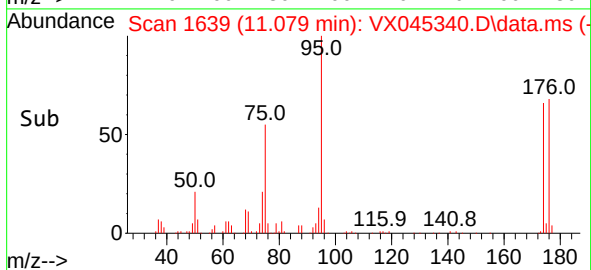
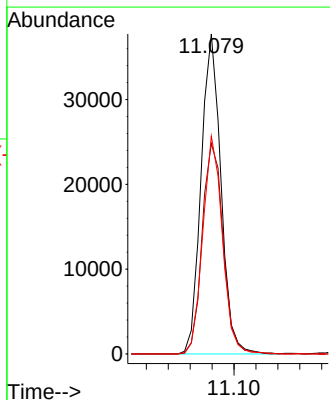
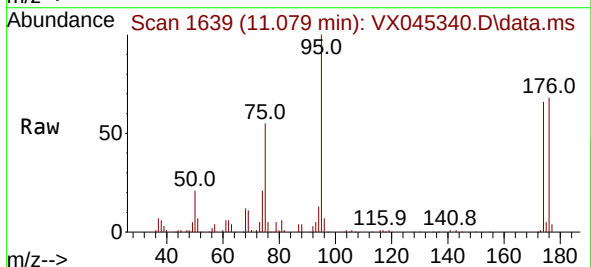
Manual Integrations
APPROVED

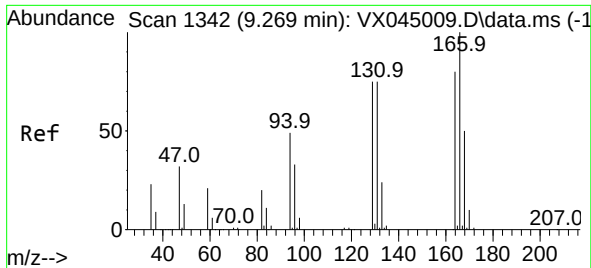
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#60
4-Bromofluorobenzene
Concen: 31.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 95 Resp: 47245
Ion Ratio Lower Upper
95 100
174 69.4 59.5 89.3
176 67.6 55.5 83.3





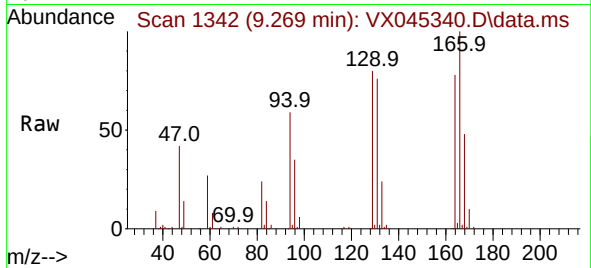
#61
Tetrachloroethene
Concen: 21.744 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



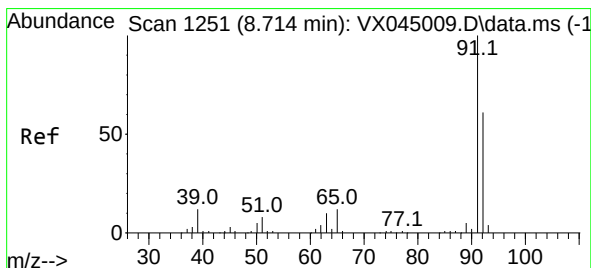
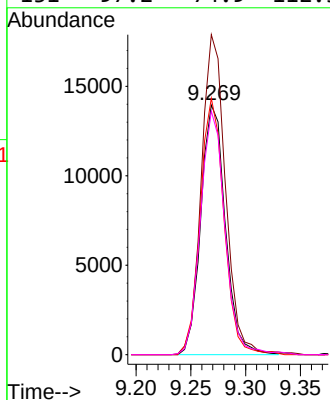
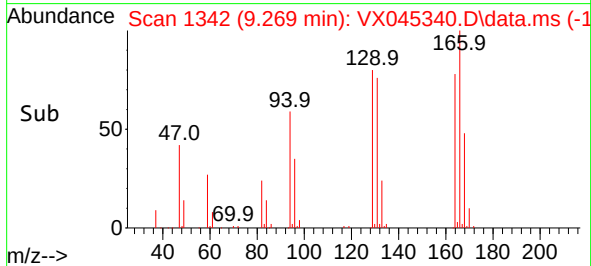
Tgt Ion:164 Resp: 21660
Ion Ratio Lower Upper
164 100
166 127.8 100.3 150.5
129 102.7 75.5 113.3
131 97.2 74.9 112.3

Manual Integrations

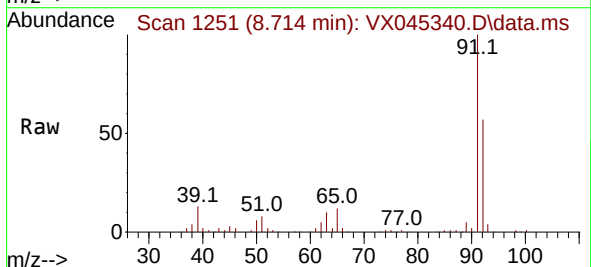
APPROVED

Reviewed By :John Carlone 03/20/2025

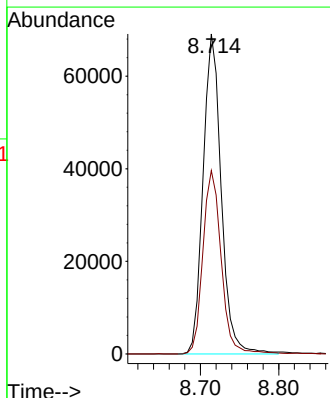
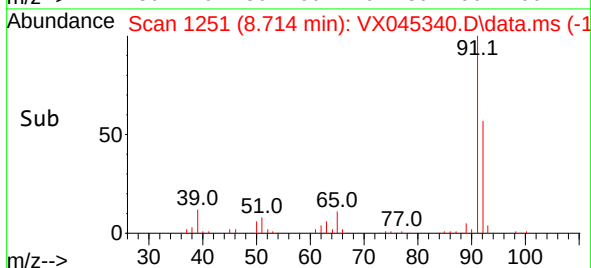
Supervised By :Mahesh Dadoda 03/20/2025

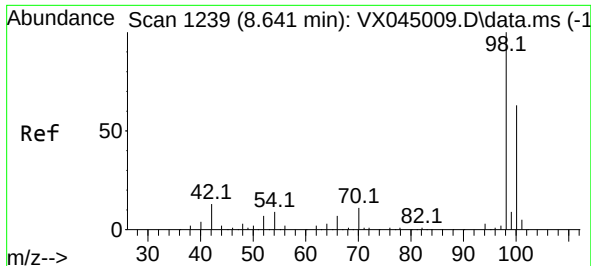


#62
Toluene
Concen: 20.767 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



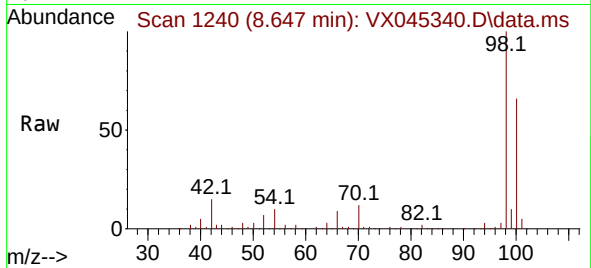
Tgt Ion: 91 Resp: 111284
Ion Ratio Lower Upper
91 100
92 57.7 46.9 70.3





#63
Toluene-d8
Concen: 30.103 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

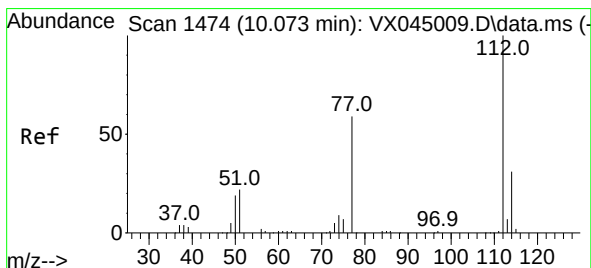
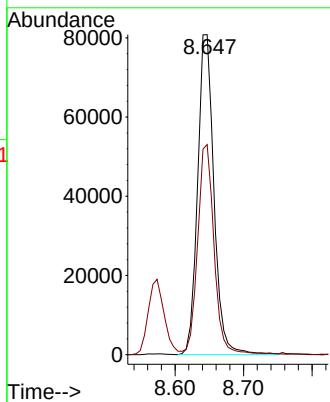
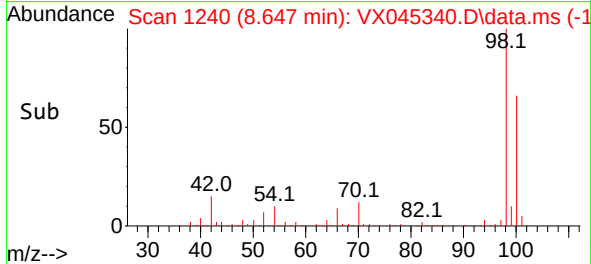
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 134720
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5

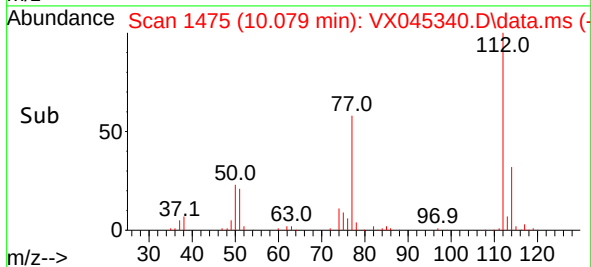
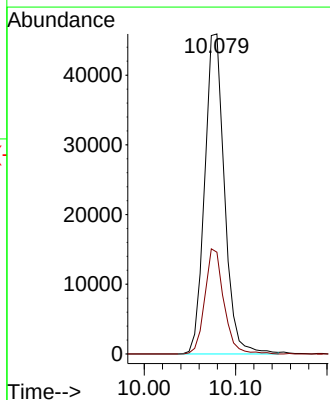
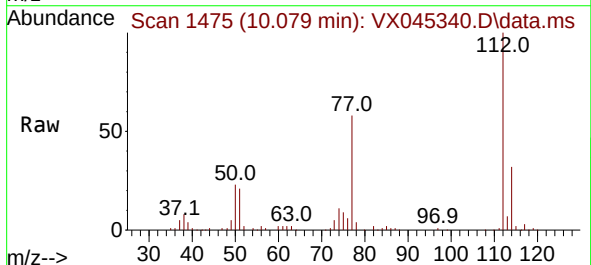
Manual Integrations
APPROVED

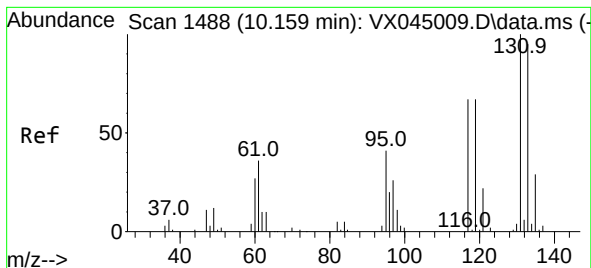
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#64
Chlorobenzene
Concen: 20.784 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

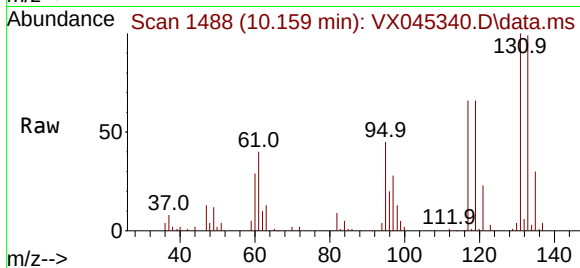
Tgt Ion:112 Resp: 69016
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 21.083 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

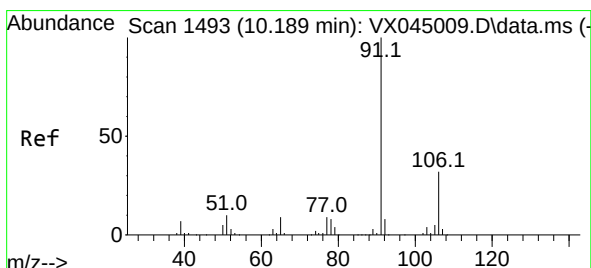
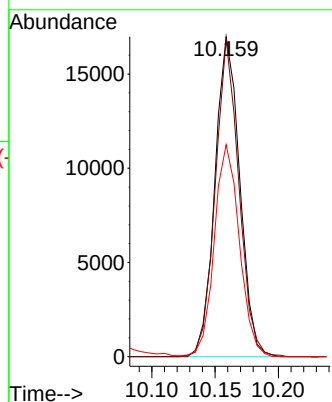
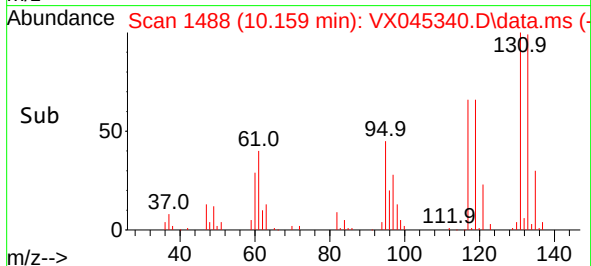
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 2310
Ion Ratio Lower Upper
131 100
133 94.5 0.0 187.8
119 67.1 0.0 133.0

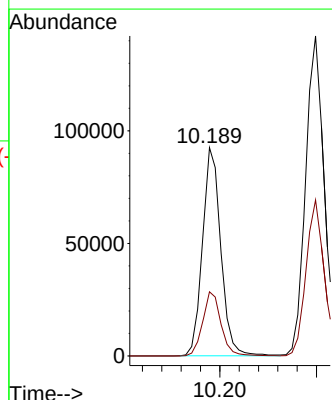
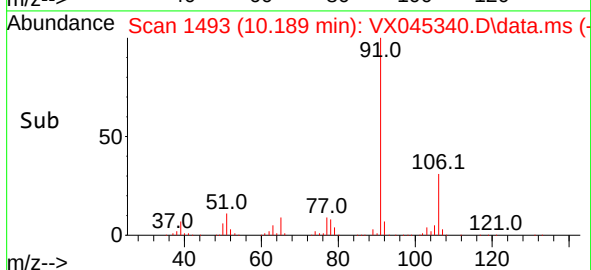
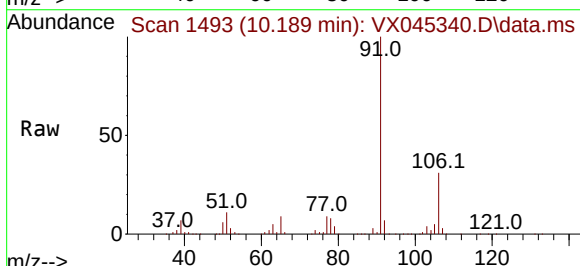
Manual Integrations
APPROVED

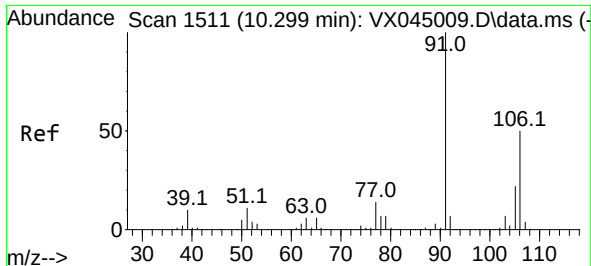
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#66
Ethyl Benzene
Concen: 20.813 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 91 Resp: 122105
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2





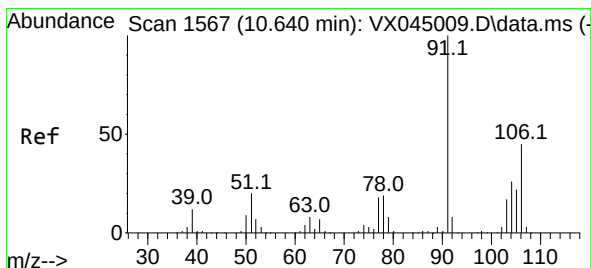
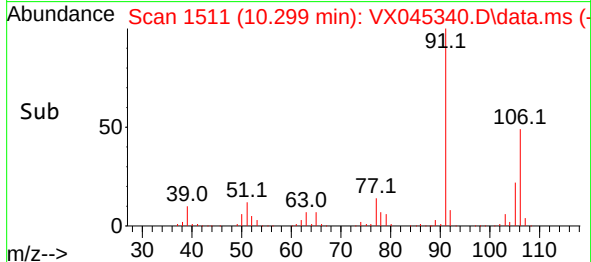
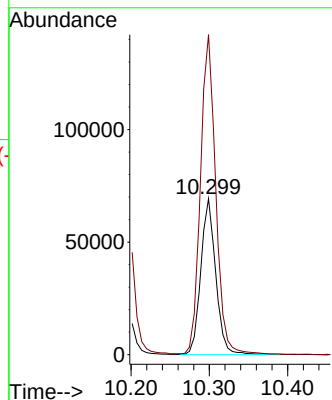
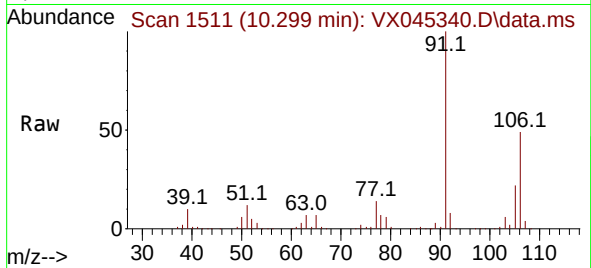
#67
m/p-Xylenes
Concen: 42.144 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 9212
Ion Ratio Lower Upper
106 100
91 209.3 163.7 245.5

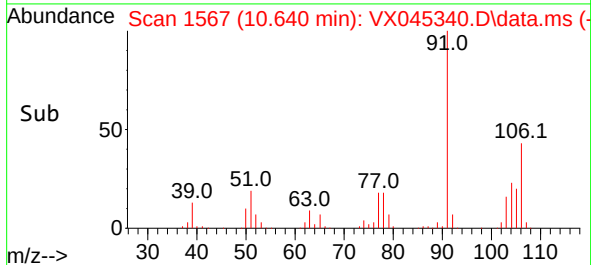
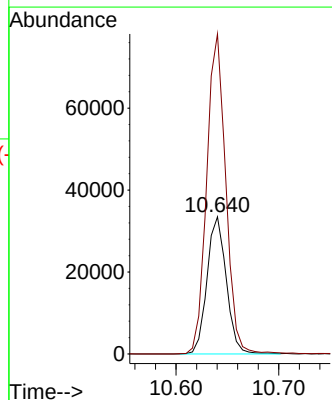
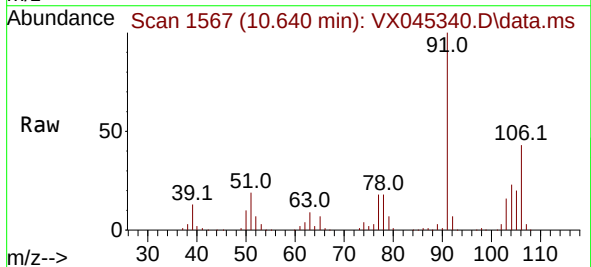
Manual Integrations
APPROVED

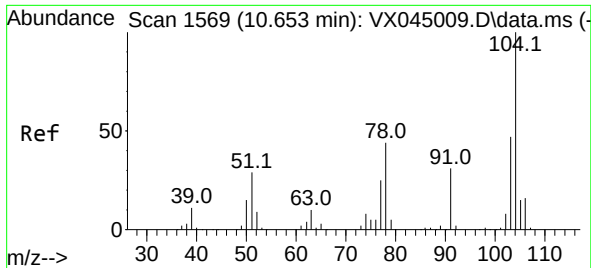
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#68
o-Xylene
Concen: 20.390 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

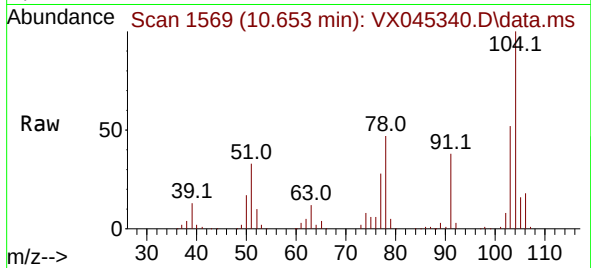
Tgt Ion:106 Resp: 43730
Ion Ratio Lower Upper
106 100
91 229.9 109.7 329.1





#69
Styrene
Concen: 20.993 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

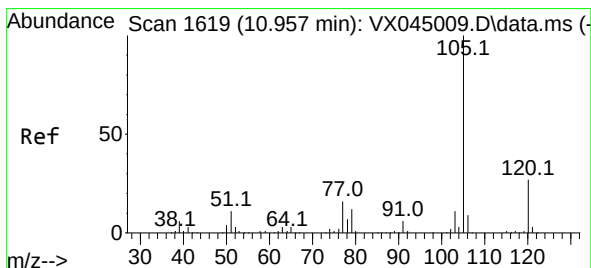
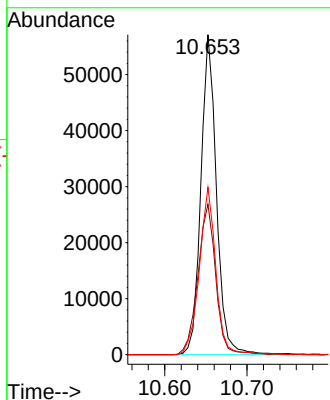
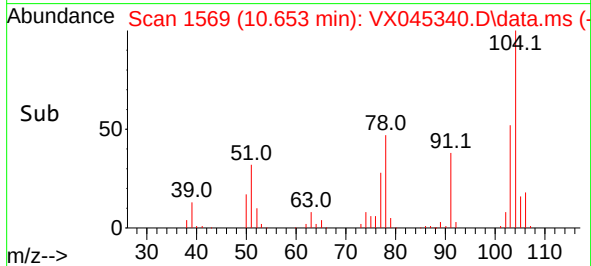
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



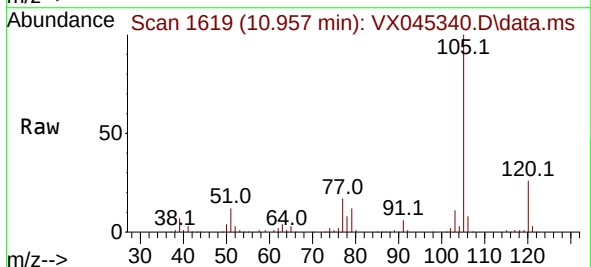
Tgt Ion:104 Resp: 75199
Ion Ratio Lower Upper
104 100
78 53.3 41.4 62.0
103 55.5 43.0 64.4

Manual Integrations
APPROVED

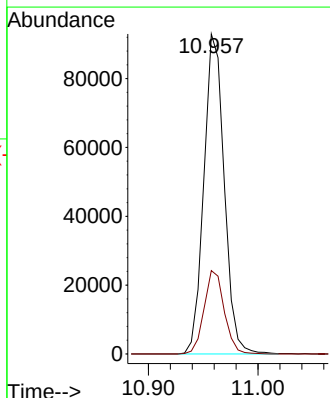
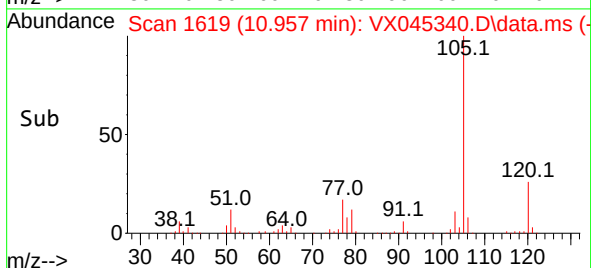
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025

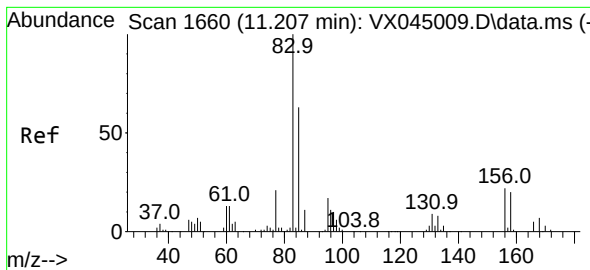


#70
Isopropylbenzene
Concen: 21.669 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



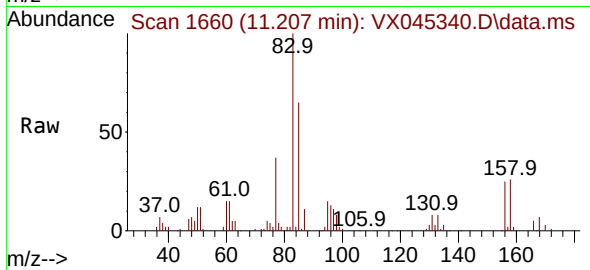
Tgt Ion:105 Resp: 119932
Ion Ratio Lower Upper
105 100
120 25.8 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 23.012 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

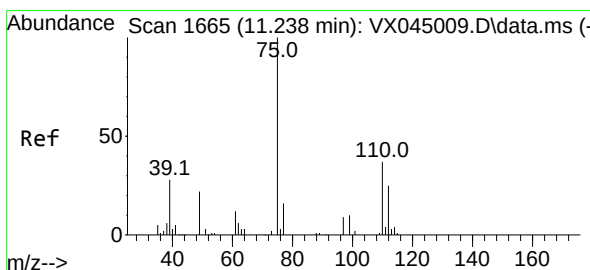
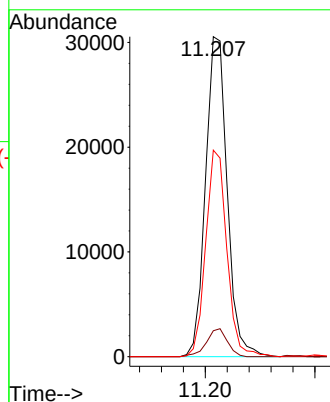
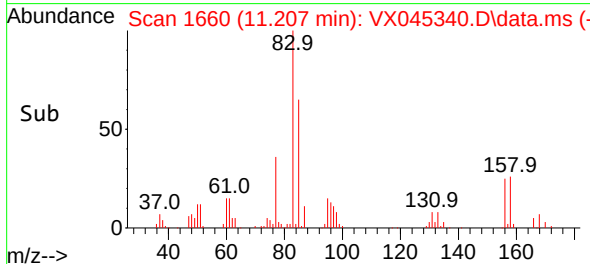
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 4188
Ion Ratio Lower Upper
83 100
131 8.5 4.8 14.3
85 62.9 32.3 96.8

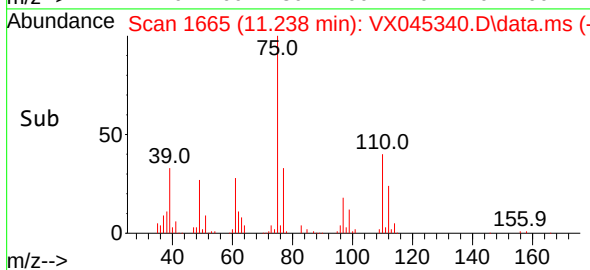
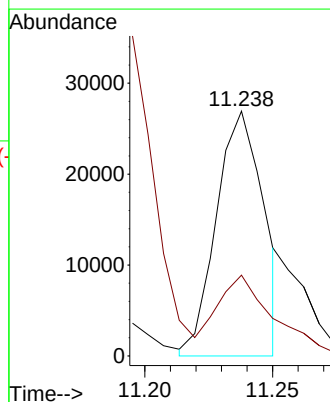
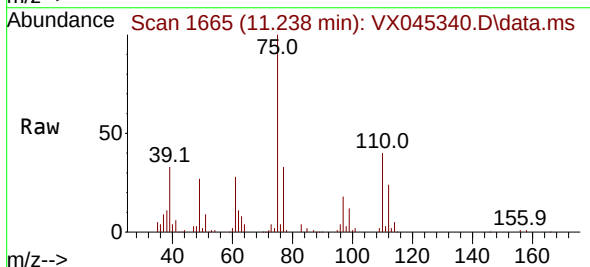
Manual Integrations
APPROVED

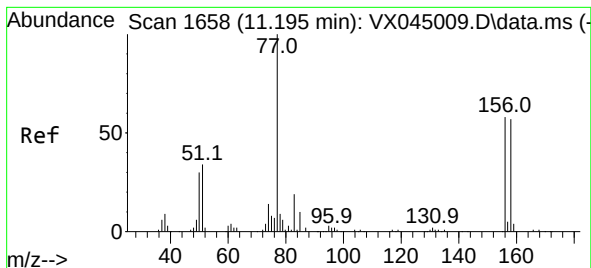
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#72
1,2,3-Trichloropropane
Concen: 23.216 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 75 Resp: 34753
Ion Ratio Lower Upper
75 100
77 39.1 0.0 84.0





#73

Bromobenzene

Concen: 20.665 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

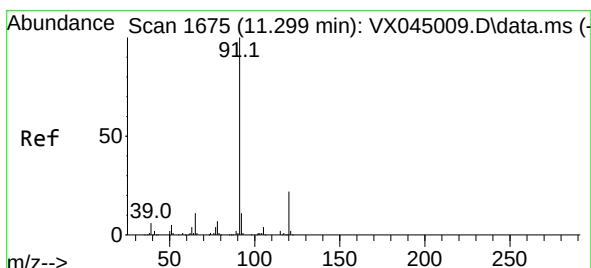
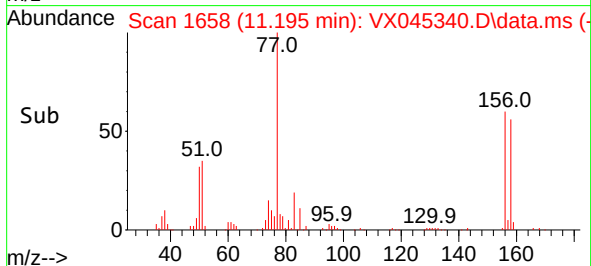
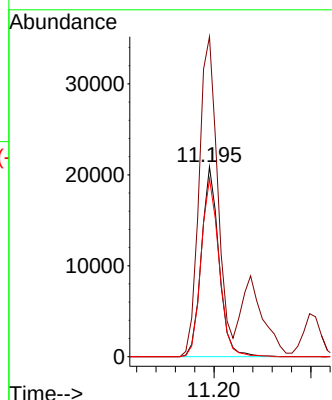
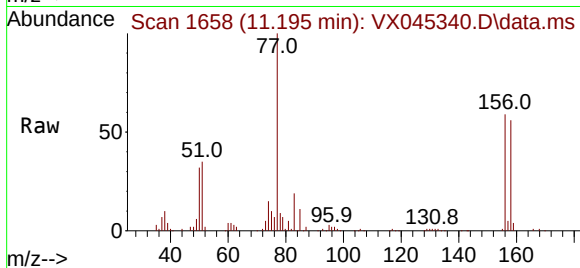
Tgt Ion:	156	Resp:	26330
Ion Ratio	Lower	Upper	
156	100		
77	178.4	0.0	347.2
158	96.4	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#74

n-propylbenzene

Concen: 20.998 ug/l

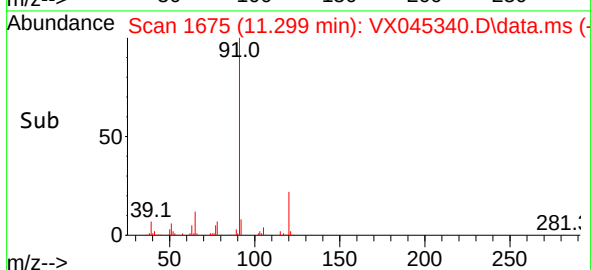
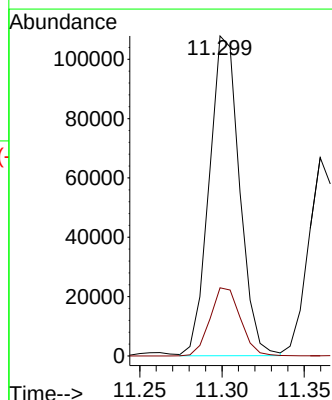
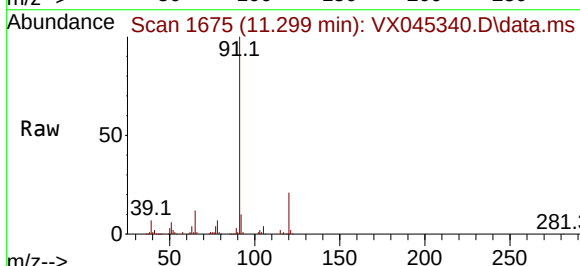
RT: 11.299 min Scan# 1675

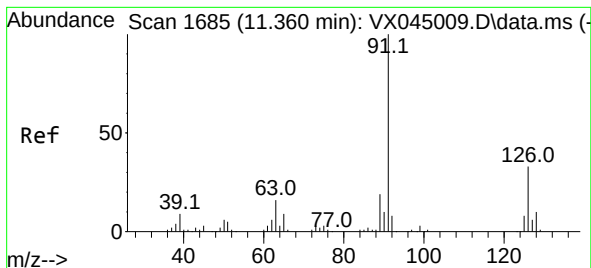
Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

Tgt Ion:	91	Resp:	138300
Ion Ratio	Lower	Upper	
91	100		
120	21.2	0.0	44.2





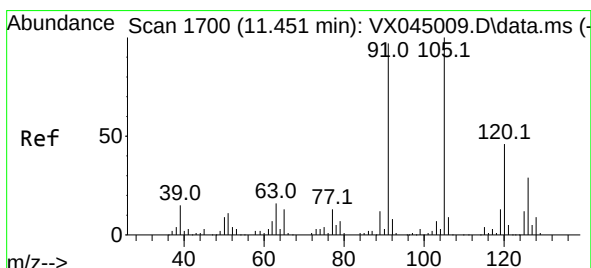
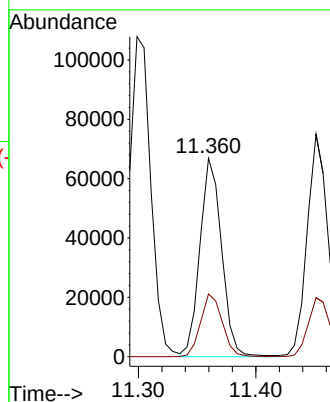
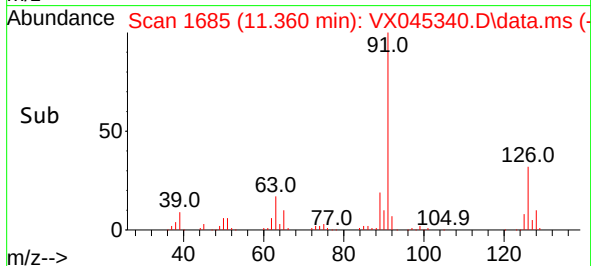
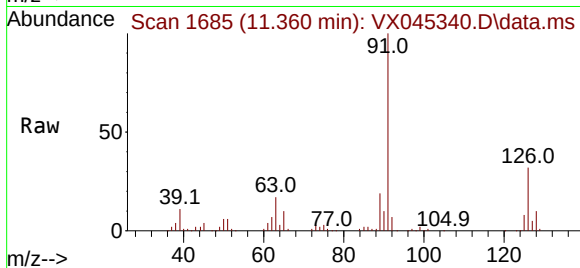
#75
2-Chlorotoluene
Concen: 21.614 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 86063
Ion Ratio Lower Upper
91 100
126 31.5 0.0 65.4

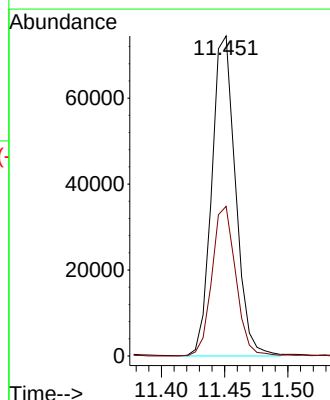
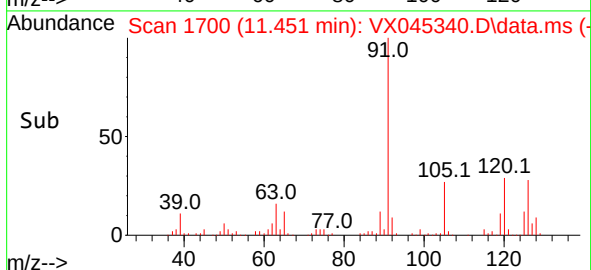
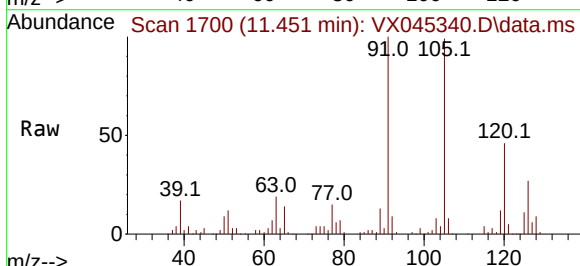
Manual Integrations
APPROVED

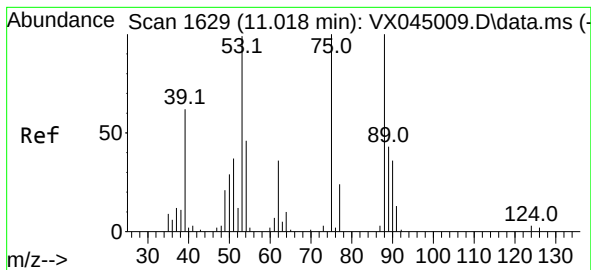
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.335 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

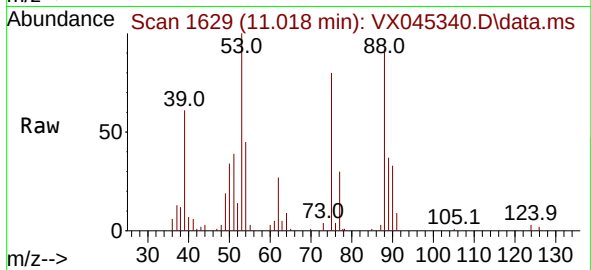
Tgt Ion:105 Resp: 97415
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.262 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

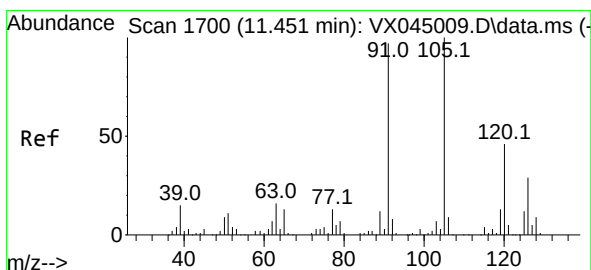
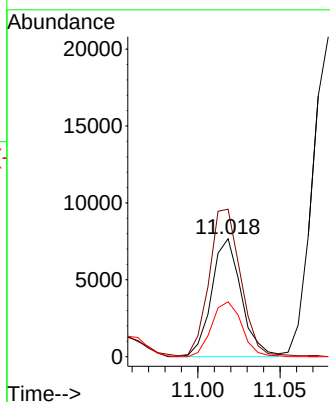
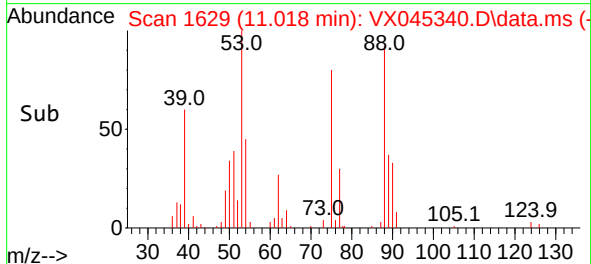
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 970
Ion Ratio Lower Upper
75 100
53 124.2 49.8 149.4
89 46.5 21.4 64.2

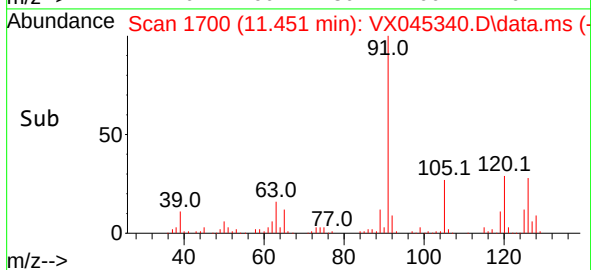
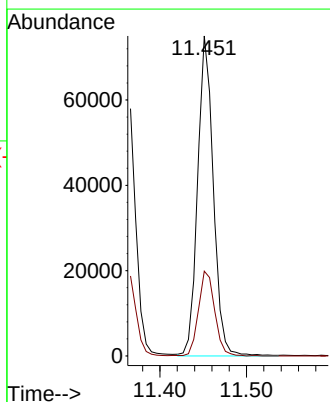
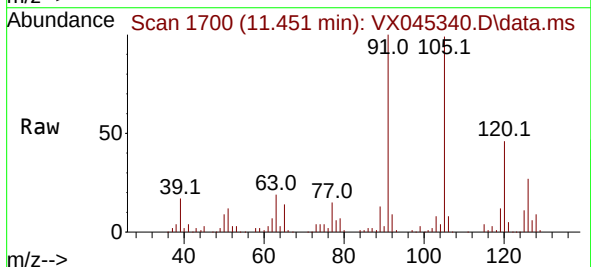
Manual Integrations
APPROVED

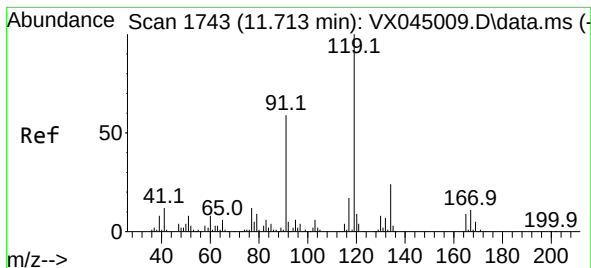
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#78
4-Chlorotoluene
Concen: 21.317 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 91 Resp: 94621
Ion Ratio Lower Upper
91 100
126 27.2 0.0 58.0





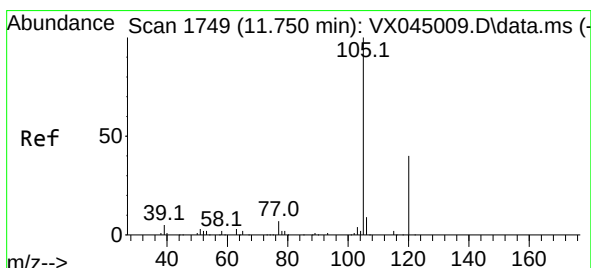
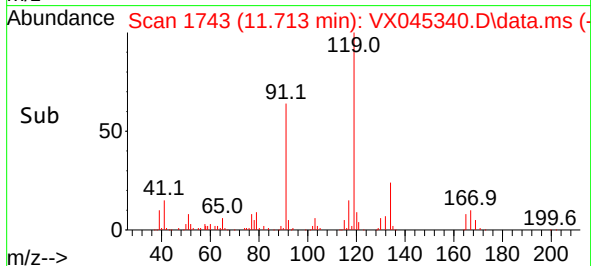
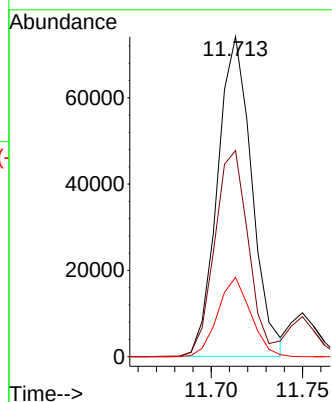
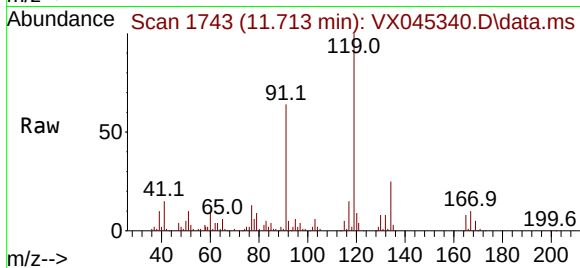
#79
tert-butylbenzene
Concen: 21.075 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 9695
Ion Ratio Lower Upper
119 100
91 63.0 0.0 120.6
134 23.8 0.0 48.2

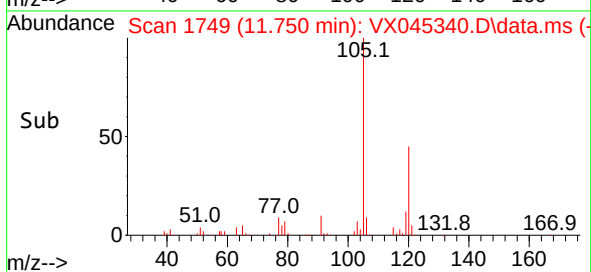
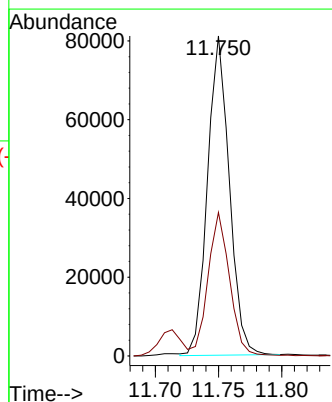
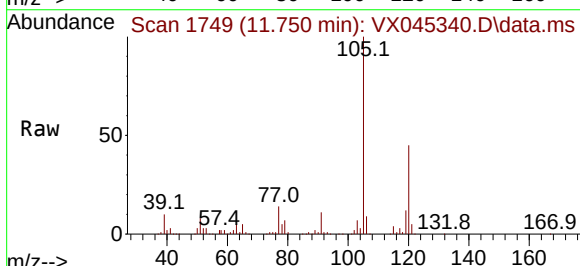
Manual Integrations
APPROVED

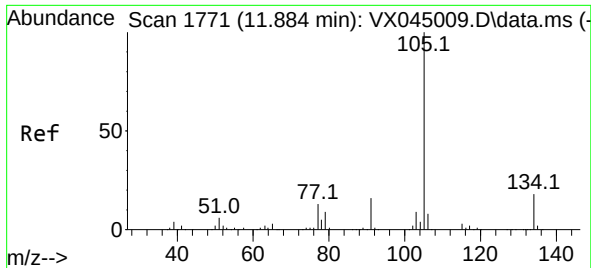
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#80
1,2,4-Trimethylbenzene
Concen: 21.253 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

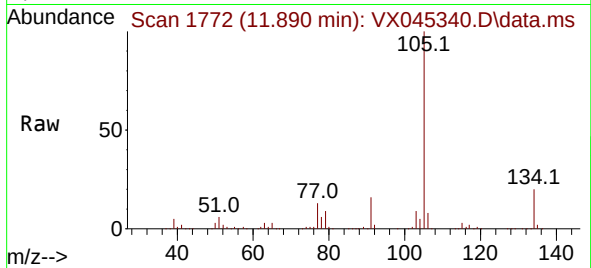
Tgt Ion:105 Resp: 97205
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 21.671 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045340.D
 Acq: 19 Mar 2025 10:41

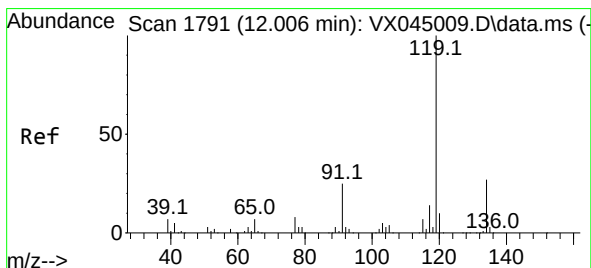
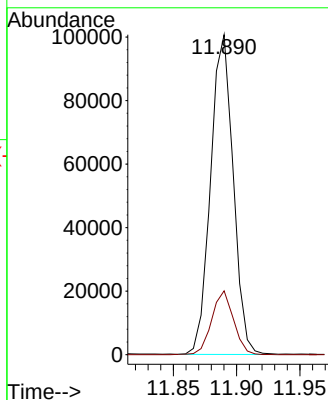
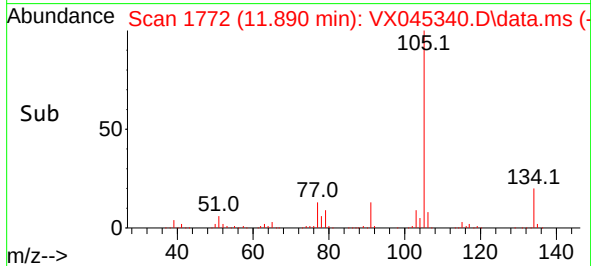
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



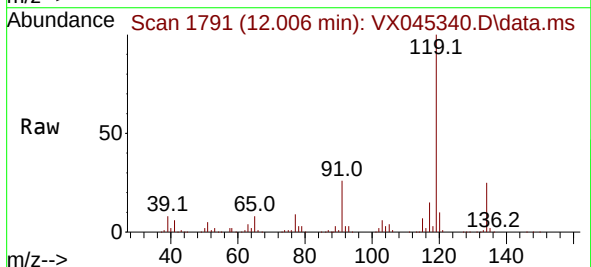
Tgt Ion:105 Resp: 12512
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

Manual Integrations
 APPROVED

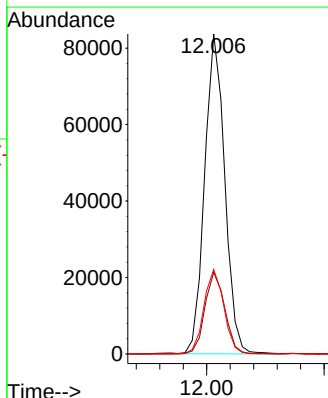
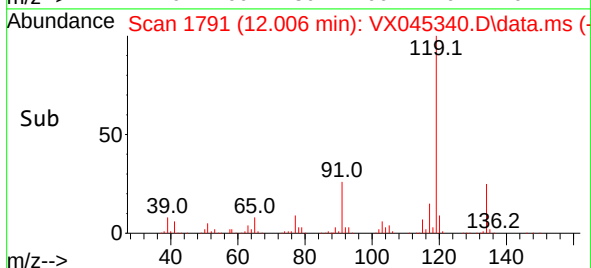
Reviewed By :John Carlone 03/20/2025
 Supervised By :Mahesh Dadoda 03/20/2025

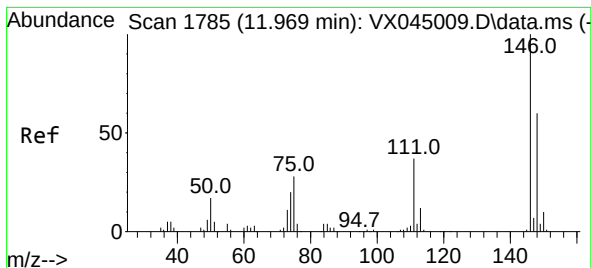


#82
 p-Isopropyltoluene
 Concen: 21.265 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045340.D
 Acq: 19 Mar 2025 10:41



Tgt Ion:119 Resp: 99482
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.6
 91 26.2 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 20.274 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045340.D

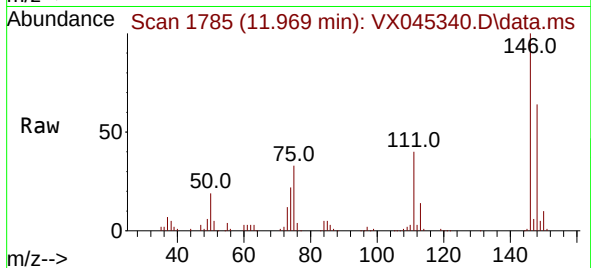
Acq: 19 Mar 2025 10:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



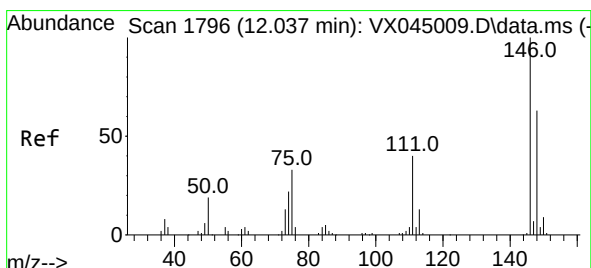
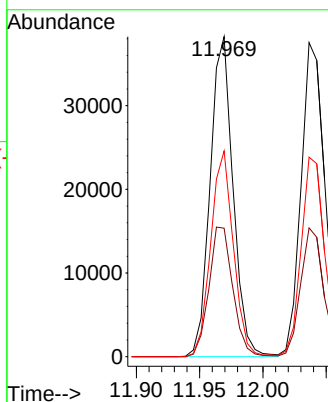
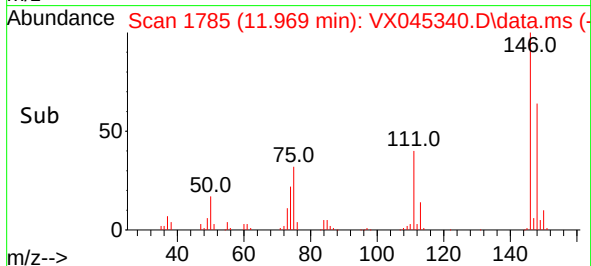
Tgt Ion:146	Resp:	48062
Ion Ratio	Lower	Upper
146	100	
111	42.4	20.2 60.5
148	63.7	31.2 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2025

Supervised By :Mahesh Dadoda 03/20/2025



#84

1,4-Dichlorobenzene

Concen: 20.863 ug/l

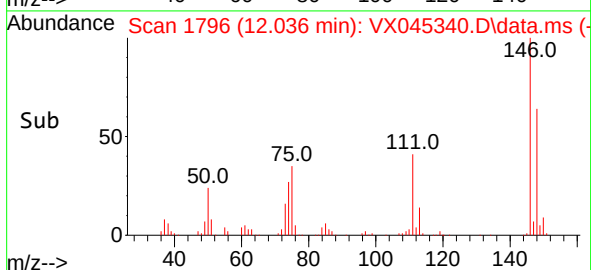
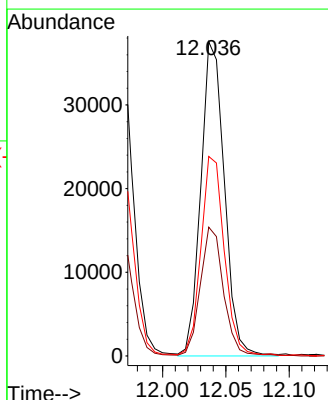
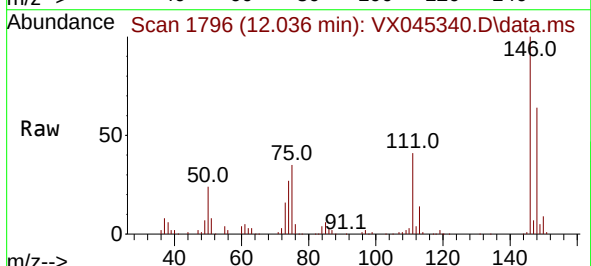
RT: 12.036 min Scan# 1796

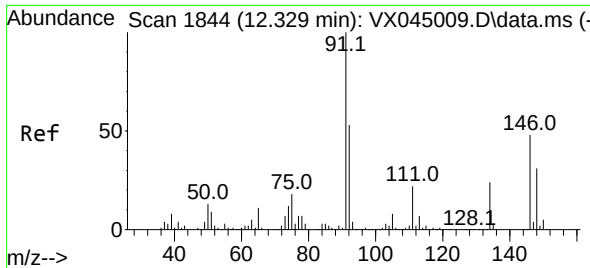
Delta R.T. -0.000 min

Lab File: VX045340.D

Acq: 19 Mar 2025 10:41

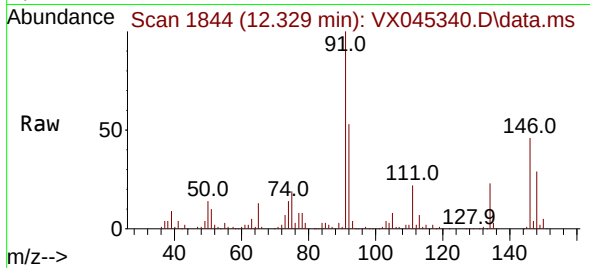
Tgt Ion:146	Resp:	48764
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.4 61.2
148	63.3	31.8 95.4





#85
n-Butylbenzene
Concen: 20.241 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

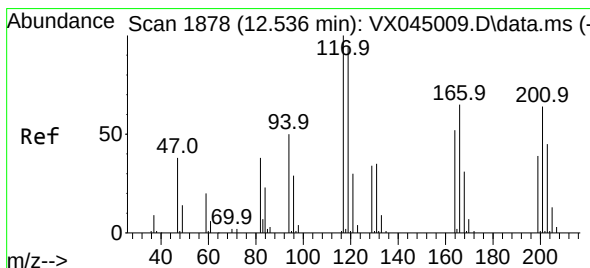
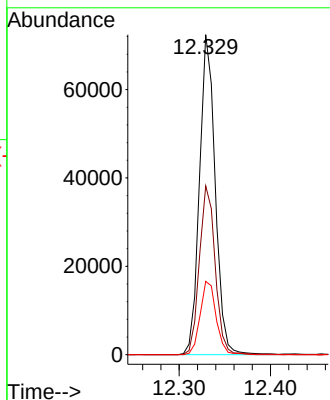
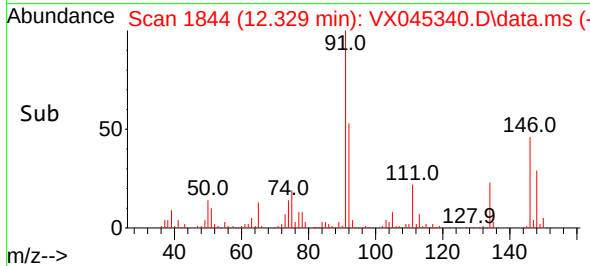
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 86472
Ion Ratio Lower Upper
91 100
92 52.3 0.0 105.2
134 23.1 0.0 49.4

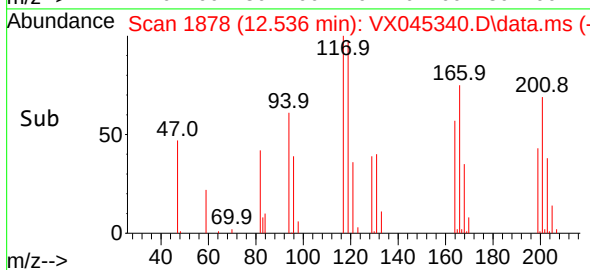
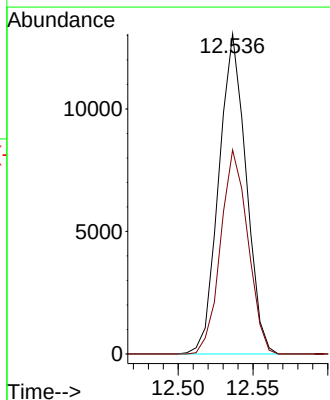
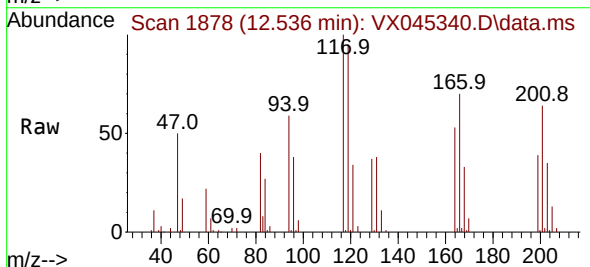
Manual Integrations
APPROVED

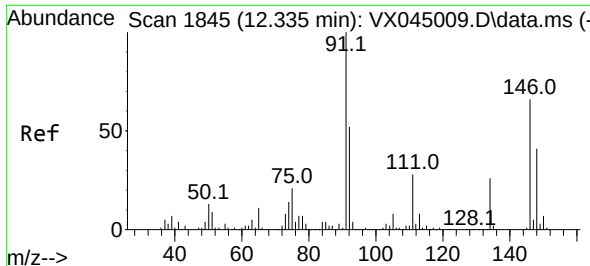
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#86
Hexachloroethane
Concen: 20.077 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

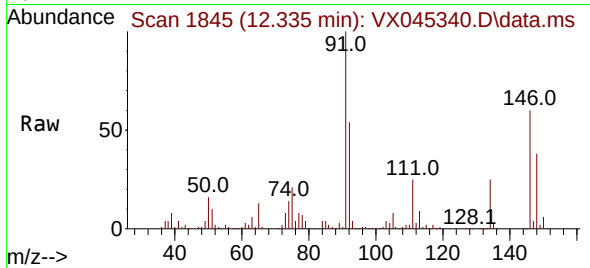
Tgt Ion:117 Resp: 16565
Ion Ratio Lower Upper
117 100
201 63.6 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 20.821 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

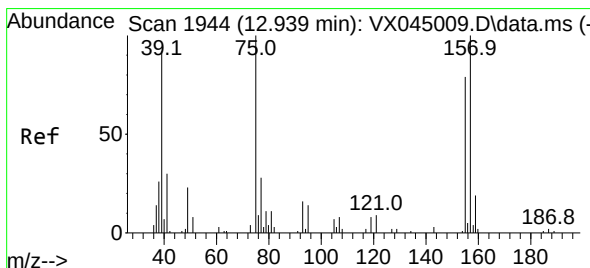
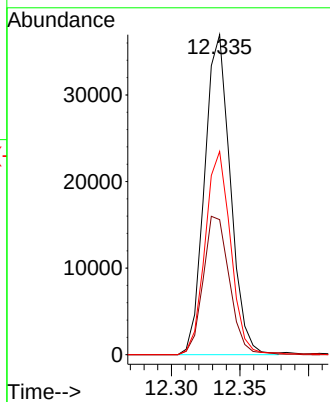
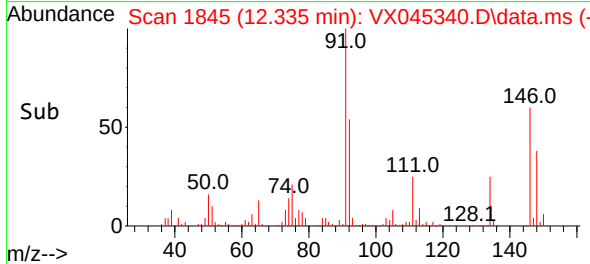
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 48429
Ion Ratio Lower Upper
146 100
111 44.1 21.7 65.1
148 62.9 31.8 95.4

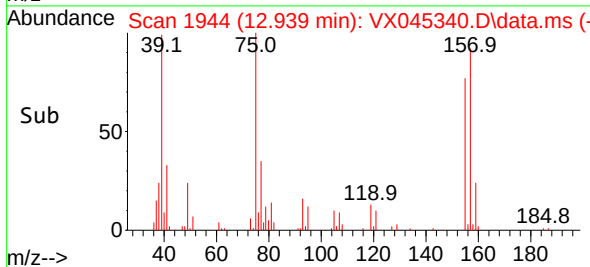
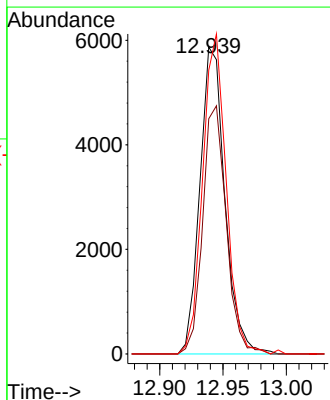
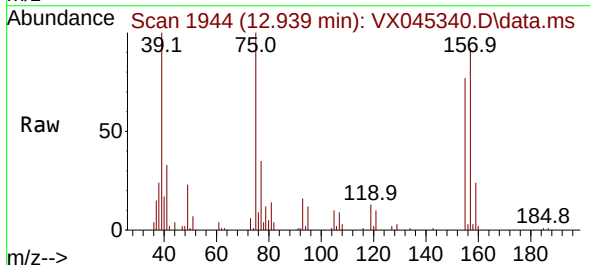
Manual Integrations
APPROVED

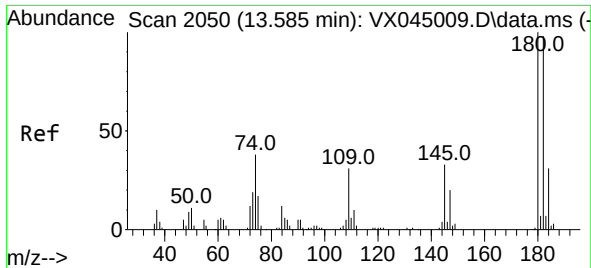
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.936 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Tgt Ion: 75 Resp: 8082
Ion Ratio Lower Upper
75 100
155 76.1 66.2 99.4
157 98.1 81.4 122.2





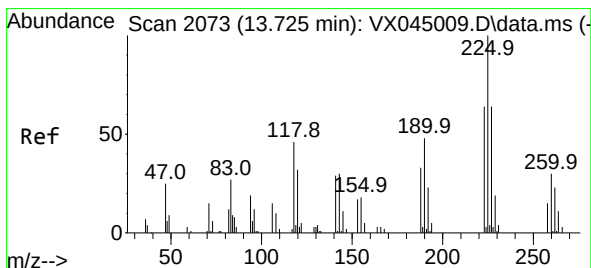
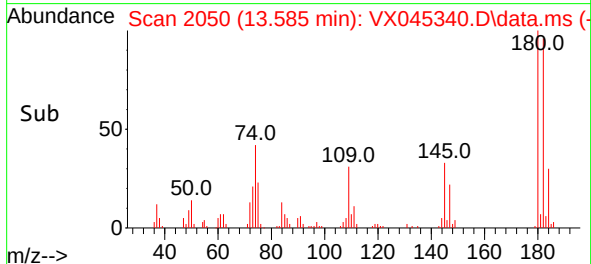
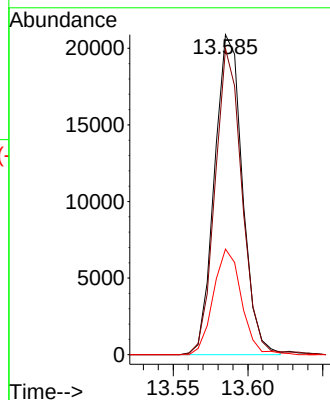
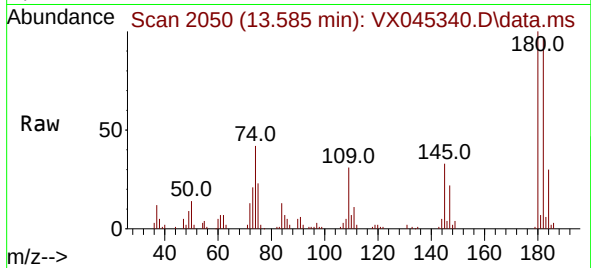
#89
1,2,4-Trichlorobenzene
Concen: 19.206 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:180 Resp: 27070
Ion Ratio Lower Upper
180 100
182 92.9 77.7 116.5
145 32.7 25.8 38.6

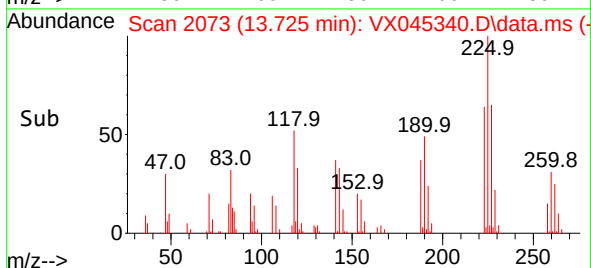
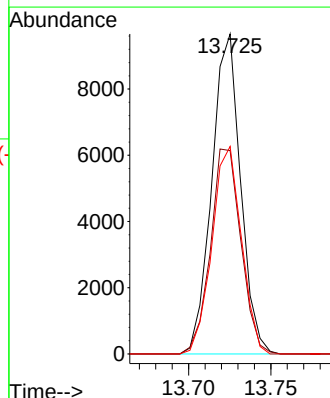
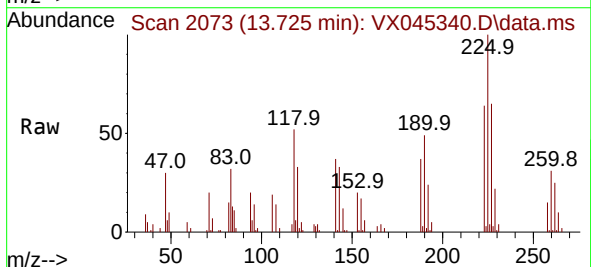
Manual Integrations
APPROVED

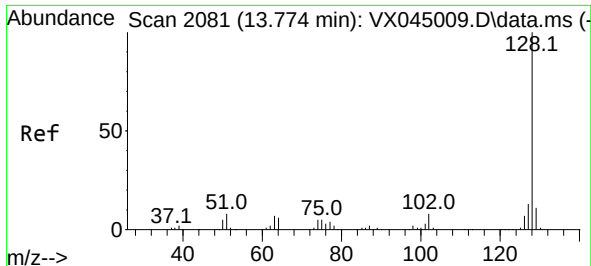
Reviewed By :John Carlone 03/20/2025
Supervised By :Mahesh Dadoda 03/20/2025



#90
Hexachlorobutadiene
Concen: 20.427 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

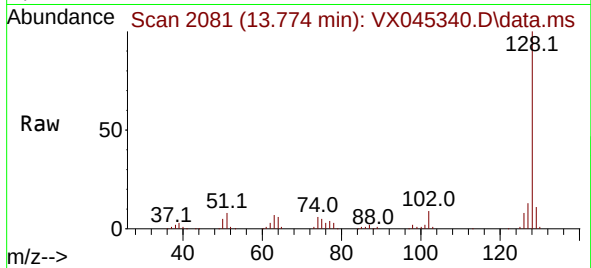
Tgt Ion:225 Resp: 11744
Ion Ratio Lower Upper
225 100
223 67.9 0.0 123.4
227 66.3 0.0 127.4





#91
Naphthalene
Concen: 20.053 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41

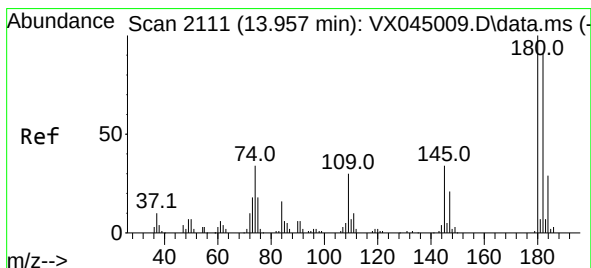
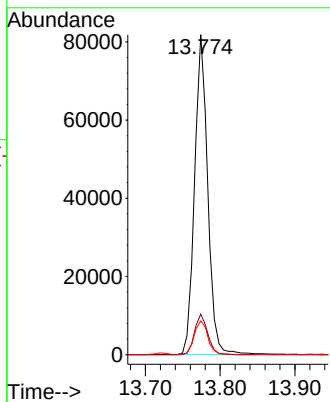
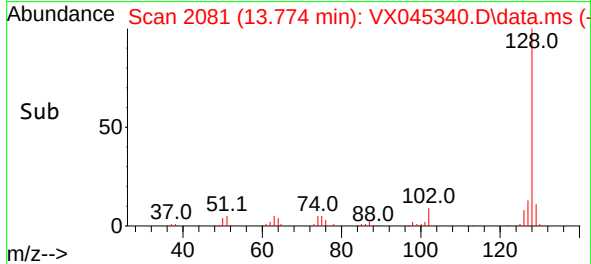
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



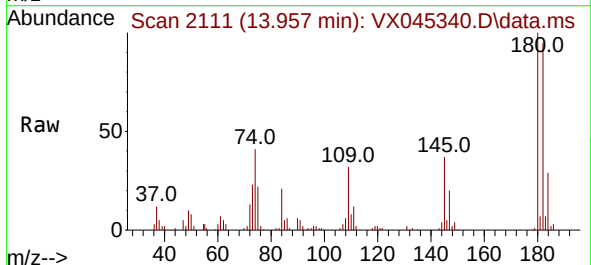
Tgt Ion:128 Resp: 99680
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.663 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045340.D
Acq: 19 Mar 2025 10:41



Tgt Ion:180 Resp: 28538
Ion Ratio Lower Upper
180 100
182 95.3 0.0 186.6
145 34.7 0.0 68.4

