

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045125.D
 Acq On : 04 Mar 2025 15:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2025
 Supervised By : Mahesh Dadoda 03/05/2025

Quant Time: Mar 05 00:48:00 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	4.891	128	17039	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	90722	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	83074	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.940	65	49783	30.082	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.267%			
60) 4-Bromofluorobenzene	11.079	95	46160	29.728	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.100%			
63) Toluene-d8	8.641	98	138696	30.179	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27893	19.419	ug/l	94
3) Chloromethane	1.301	50	33050	19.211	ug/l	98
4) Vinyl Chloride	1.368	62	30698	18.492	ug/l	100
5) Bromomethane	1.593	94	12692	21.964	ug/l	90
6) Chloroethane	1.672	64	16141	17.952	ug/l	96
7) Trichlorofluoromethane	1.880	101	44018	19.729	ug/l	94
8) Diethyl Ether	2.130	74	15305	18.130	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	25846	19.504	ug/l	99
10) 1,1-Dichloroethene	2.313	96	25136	19.420	ug/l	90
11) Methyl Iodide	2.447	142	29659	20.245	ug/l	98
12) Methyl Acetate	2.697	43	37238	24.775	ug/l	98
13) Acrolein	2.233	56	31983	106.158	ug/l	98
14) Acrylonitrile	3.056	53	76577	104.303	ug/l	98
15) Acetone	2.374	58	19696	97.817	ug/l	88
16) Carbon Disulfide	2.502	76	65127	17.739	ug/l	99
17) Allyl chloride	2.654	41	44963	18.573	ug/l	97
18) Methylene Chloride	2.782	84	28501	19.577	ug/l	91
19) trans-1,2-Dichloroethene	3.087	96	24580	18.770	ug/l	97
20) Diisopropyl ether	3.751	45	88742	19.075	ug/l	97
21) 1,1-Dichloroethane	3.599	63	49991	19.322	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	30270	19.289	ug/l	98
23) tert-Butyl Alcohol	2.959	59	25817	100.728	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	82177	19.452	ug/l	99
25) Chloroform	5.074	83	49777	19.918	ug/l	99
26) Cyclohexane	5.458	56	44696	18.715	ug/l #	98
29) 1,1-Dichloropropene	5.678	75	32854	19.687	ug/l	99
30) 2-Butanone	4.544	43	106144	110.117	ug/l	99
31) 2,2-Dichloropropane	4.465	77	32474	17.209	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	41461	20.505	ug/l	97
33) Carbon Tetrachloride	5.660	117	35708	20.925	ug/l	97
34) Benzene	6.025	78	106832	20.413	ug/l	99
35) Methacrylonitrile	4.916	41	22207	21.529	ug/l	97
36) 1,2-Dichloroethane	6.074	62	37134	20.725	ug/l	98
37) Trichloroethene	7.117	130	24826	20.277	ug/l	88
38) Methylcyclohexane	7.373	83	42891	19.141	ug/l	99
39) 1,2-Dichloropropane	7.421	63	25565	19.649	ug/l	100
40) Dibromomethane	7.574	93	18903	20.246	ug/l	96
41) Bromodichloromethane	7.812	83	38290	20.634	ug/l	99
42) Vinyl Acetate	3.715	43	364476	97.440	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045125.D
 Acq On : 04 Mar 2025 15:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

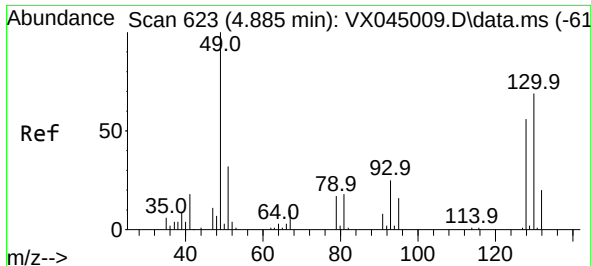
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2025
 Supervised By : Mahesh Dadoda 03/05/2025

Quant Time: Mar 05 00:48:00 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

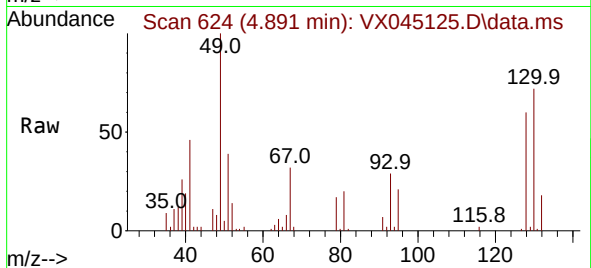
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	37407	20.693	ug/l	98
44) Isopropyl Acetate	6.330	43	61793	20.770	ug/l	97
45) 1,4-Dioxane	7.653	88	12764	412.697	ug/l	99
46) Methyl methacrylate	7.690	41	29753	20.394	ug/l	97
47) n-amyl Acetate	10.842	43	51922	20.111	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	33099	18.505	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	39066	19.294	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	25209	20.699	ug/l	99
51) Ethyl methacrylate	9.110	69	37192	19.418	ug/l	99
52) 1,3-Dichloropropane	9.305	76	44019	20.628	ug/l	97
53) Dibromochloromethane	9.519	129	27962	20.760	ug/l	99
54) 1,2-Dibromoethane	9.604	107	25760	20.830	ug/l	98
55) 2-Chloroethyl vinyl ether	8.232	63	95602	97.196	ug/l	100
56) Bromoform	10.799	173	18101	21.446	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	209806	111.023	ug/l	99
59) 2-Hexanone	9.427	43	151991	111.272	ug/l	99
61) Tetrachloroethene	9.269	164	21430	20.949	ug/l	97
62) Toluene	8.714	91	111462	20.254	ug/l	98
64) Chlorobenzene	10.073	112	69608	20.412	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	22815	20.276	ug/l	97
66) Ethyl Benzene	10.189	91	122570	20.344	ug/l	98
67) m/p-Xylenes	10.299	106	92595	41.249	ug/l	98
68) o-Xylene	10.640	106	44034	19.993	ug/l	97
69) Styrene	10.653	104	74979	20.383	ug/l	99
70) Isopropylbenzene	10.957	105	117214	20.623	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	41044	21.960	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	32568m	21.186	ug/l	
73) Bromobenzene	11.195	156	27319	20.879	ug/l	98
74) n-propylbenzene	11.299	91	137923	20.392	ug/l	99
75) 2-Chlorotoluene	11.360	91	83863	20.509	ug/l	100
76) 1,3,5-Trimethylbenzene	11.445	105	97374	20.767	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9456	18.283	ug/l	89
78) 4-Chlorotoluene	11.451	91	93694	20.555	ug/l	99
79) tert-butylbenzene	11.713	119	99947	21.155	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	94785	20.180	ug/l	97
81) sec-Butylbenzene	11.884	105	124498	20.997	ug/l	99
82) p-Isopropyltoluene	12.006	119	100504	20.920	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	49946	20.516	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	49338	20.555	ug/l	98
85) n-Butylbenzene	12.329	91	87669	19.983	ug/l	99
86) Hexachloroethane	12.536	117	17204	20.305	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	51834	21.700	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7670	21.196	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	29327	20.257	ug/l	99
90) Hexachlorobutadiene	13.725	225	12588	21.321	ug/l	97
91) Naphthalene	13.774	128	104032	20.379	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	29995	20.125	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

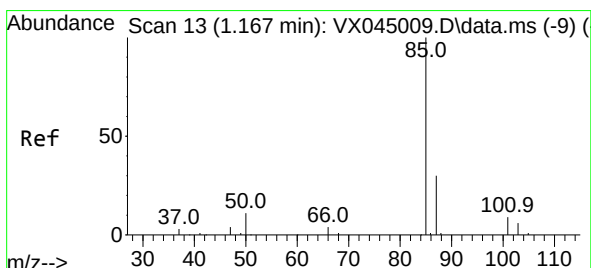
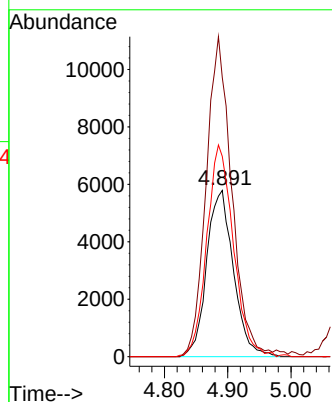
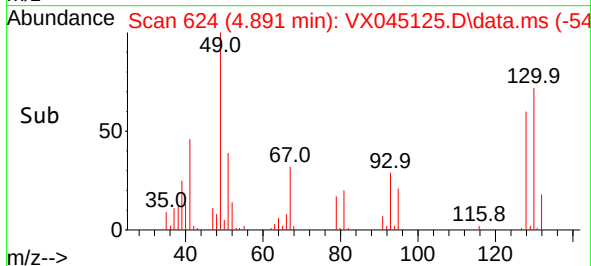
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 17039
Ion Ratio Lower Upper
128 100
49 183.6 0.0 449.7
130 126.1 0.0 312.7

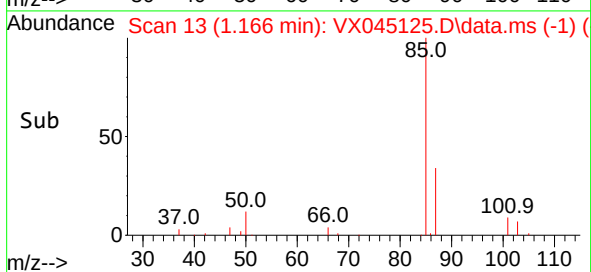
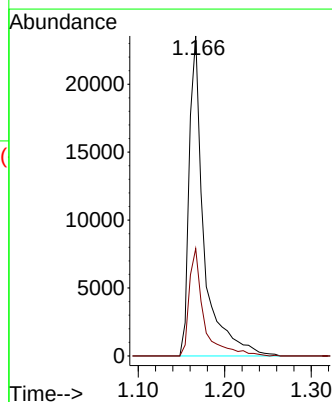
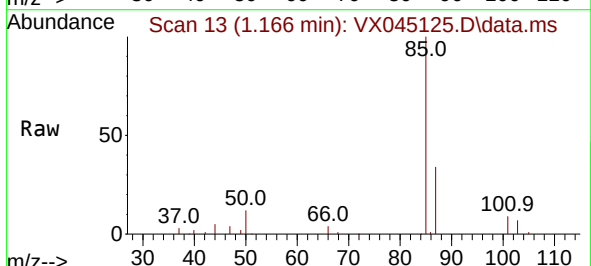
Manual Integrations
APPROVED

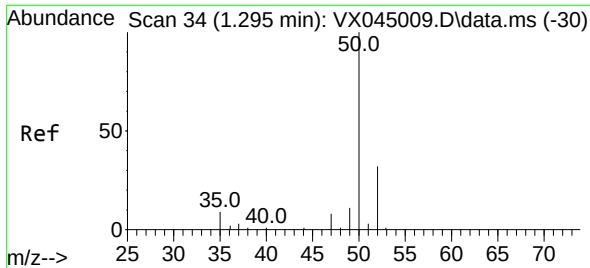
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#2
Dichlorodifluoromethane
Concen: 19.419 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 85 Resp: 27893
Ion Ratio Lower Upper
85 100
87 33.6 15.1 45.3





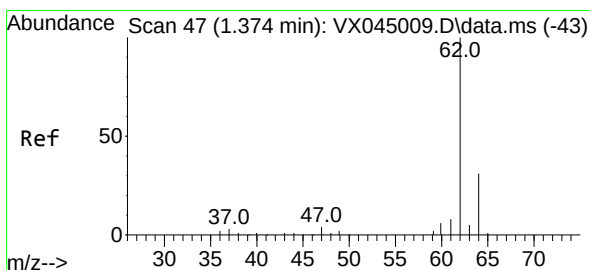
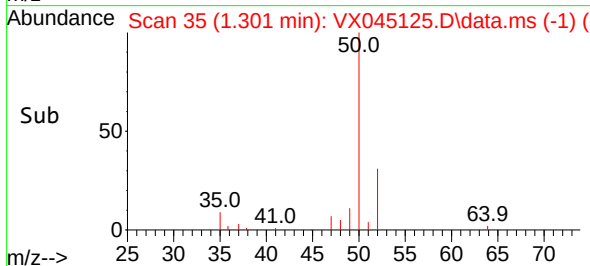
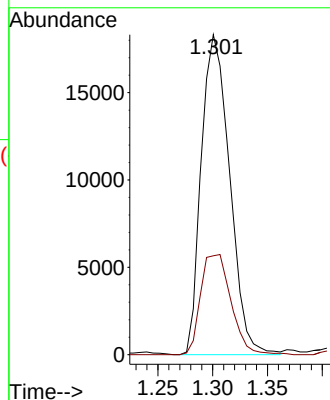
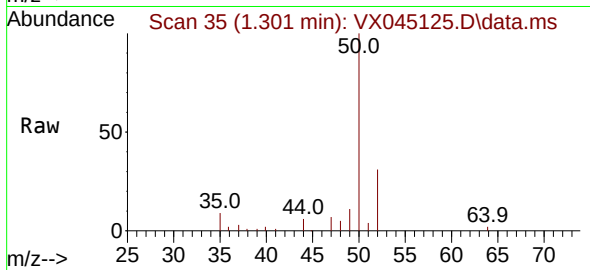
#3
Chloromethane
Concen: 19.211 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 33050
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

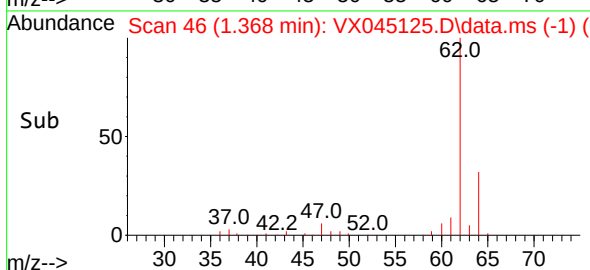
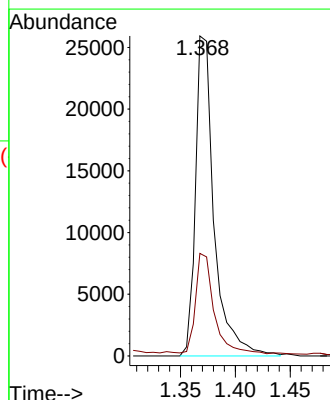
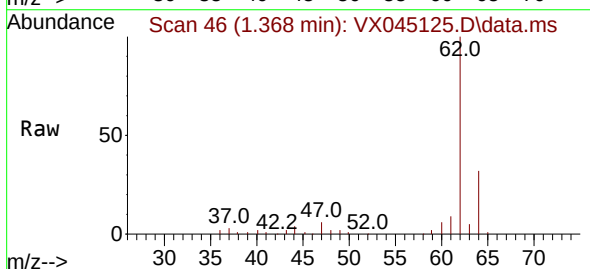
Manual Integrations
APPROVED

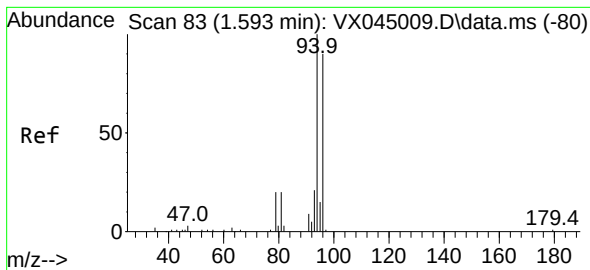
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#4
Vinyl Chloride
Concen: 18.492 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

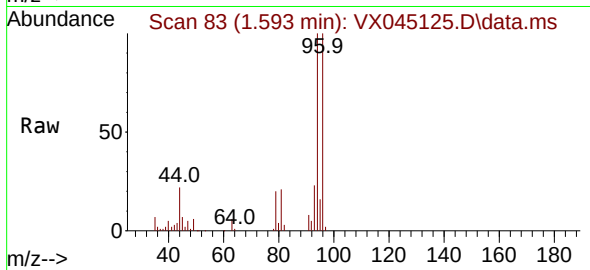
Tgt Ion: 62 Resp: 30698
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7





#5
Bromomethane
Concen: 21.964 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

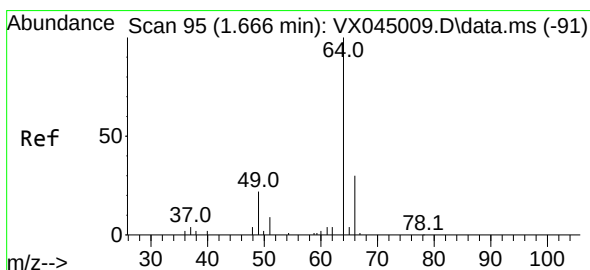
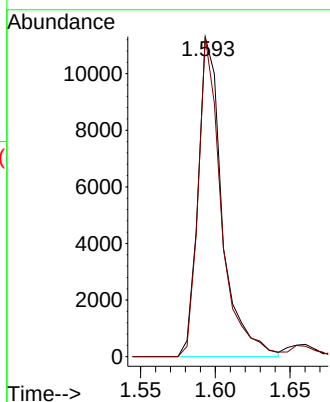
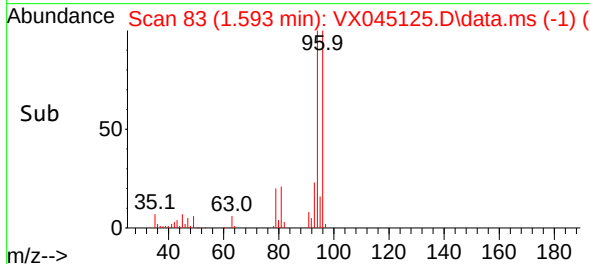
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



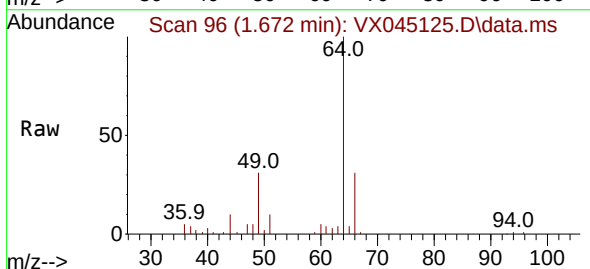
Tgt Ion: 94 Resp: 12692
Ion Ratio Lower Upper
94 100
96 100.0 72.2 108.4

Manual Integrations
APPROVED

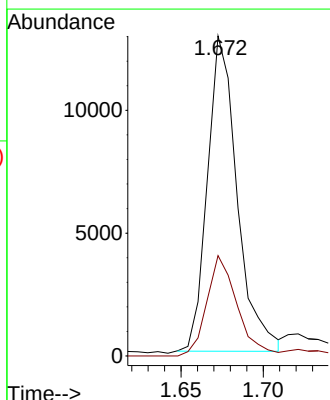
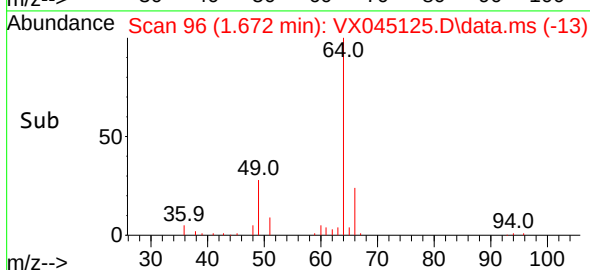
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

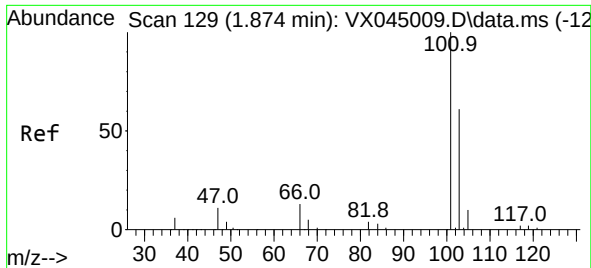


#6
Chloroethane
Concen: 17.952 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion: 64 Resp: 16141
Ion Ratio Lower Upper
64 100
66 31.9 23.7 35.5





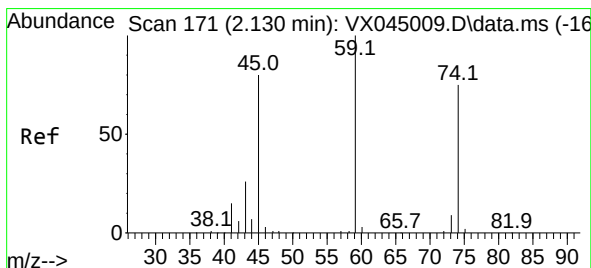
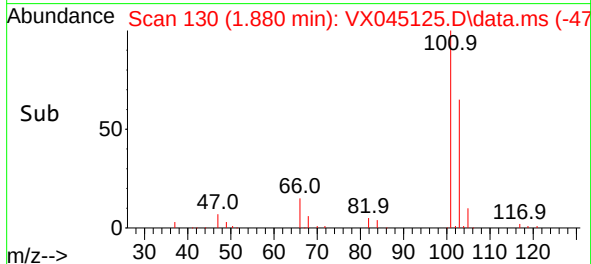
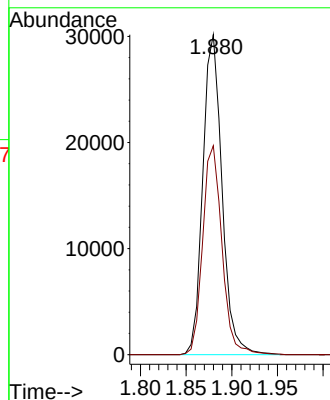
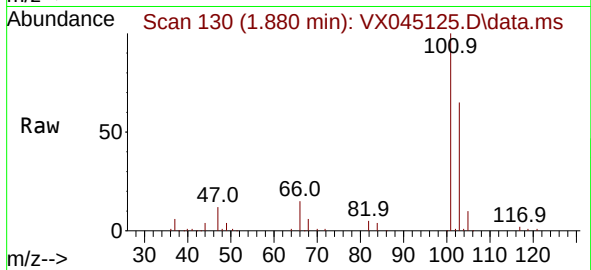
#7
Trichlorofluoromethane
Concen: 19.729 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 44018
Ion Ratio Lower Upper
101 100
103 65.3 48.8 73.2

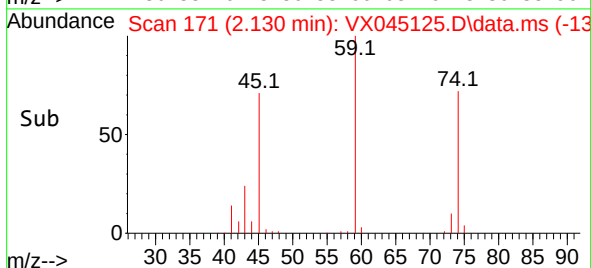
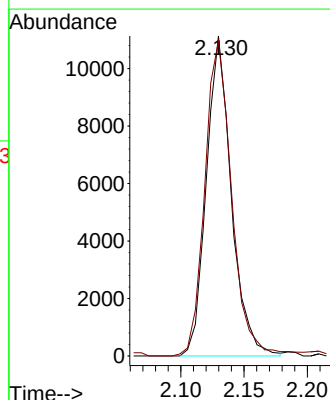
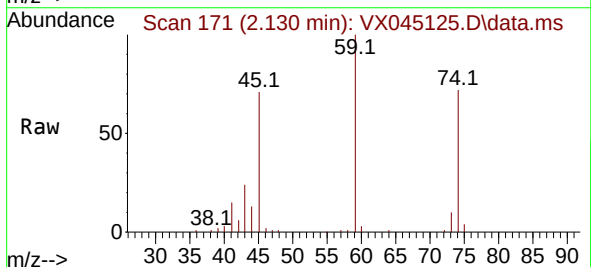
Manual Integrations
APPROVED

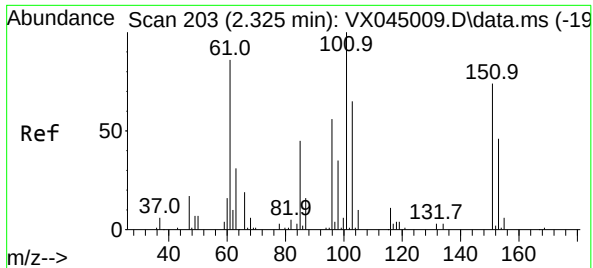
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#8
Diethyl Ether
Concen: 18.130 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 74 Resp: 15305
Ion Ratio Lower Upper
74 100
45 106.2 20.8 186.8





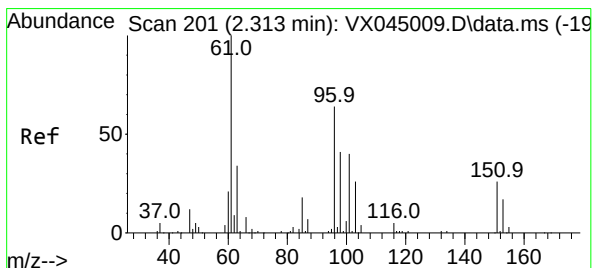
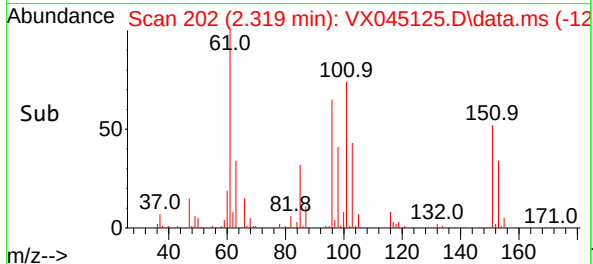
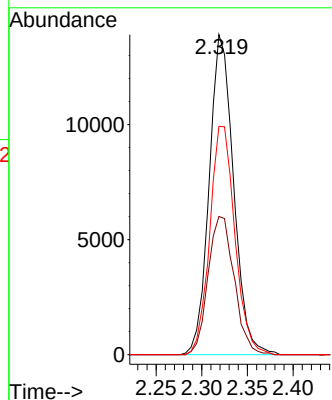
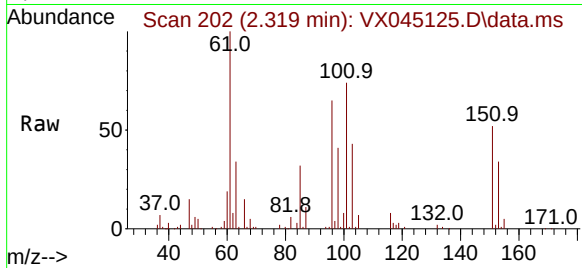
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.504 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2584
Ion Ratio Lower Upper
101 100
85 46.2 0.0 90.6
151 73.4 0.0 147.6

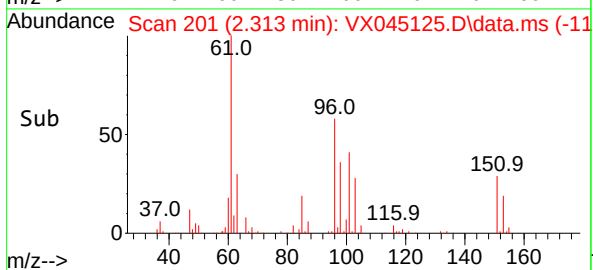
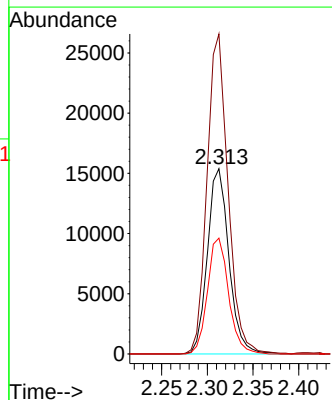
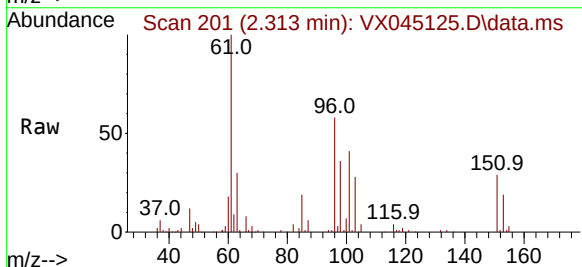
Manual Integrations
APPROVED

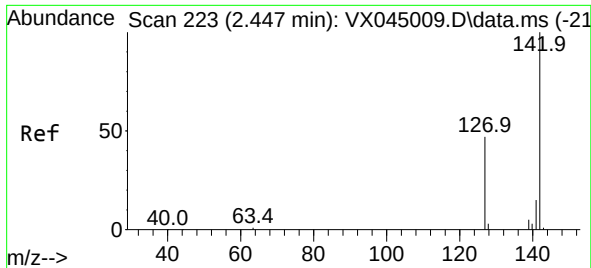
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#10
1,1-Dichloroethene
Concen: 19.420 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

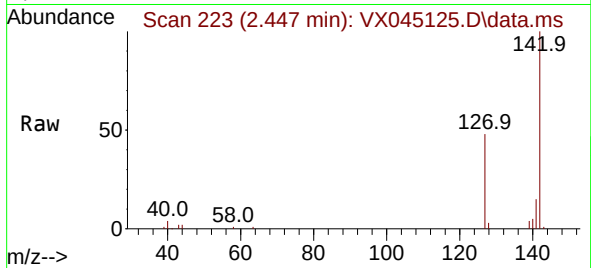
Tgt Ion: 96 Resp: 25136
Ion Ratio Lower Upper
96 100
61 172.7 124.2 186.2
98 62.5 51.1 76.7





#11
Methyl Iodide
Concen: 20.245 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

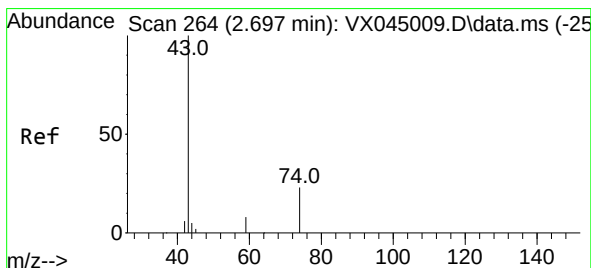
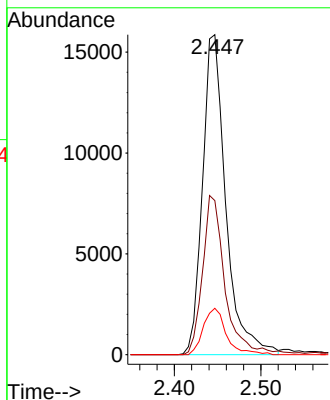
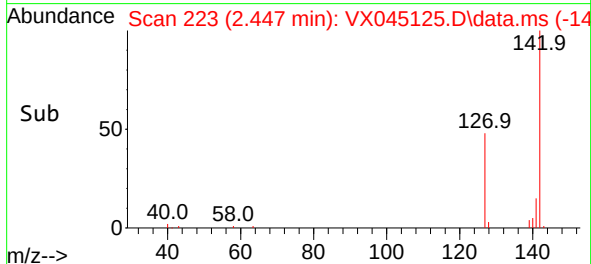
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 2965
Ion Ratio Lower Upper
142 100
127 47.9 23.3 69.9
141 14.6 7.5 22.6

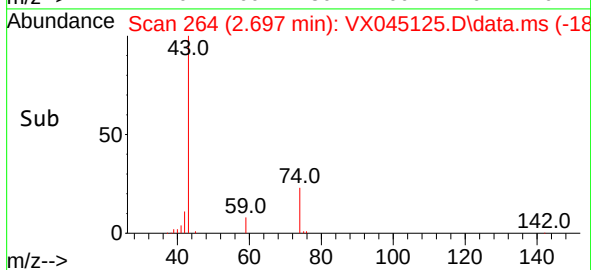
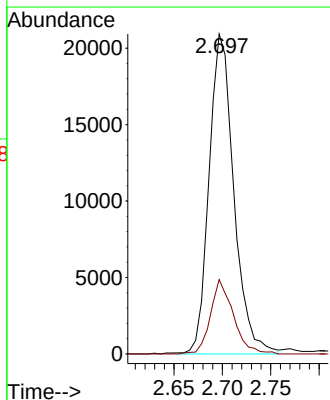
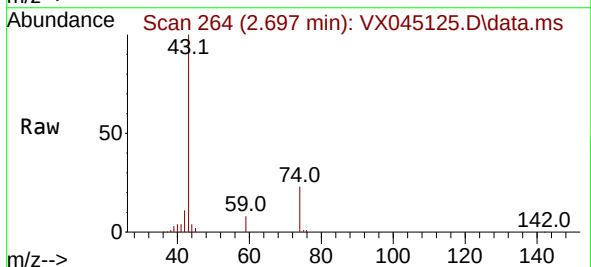
Manual Integrations
APPROVED

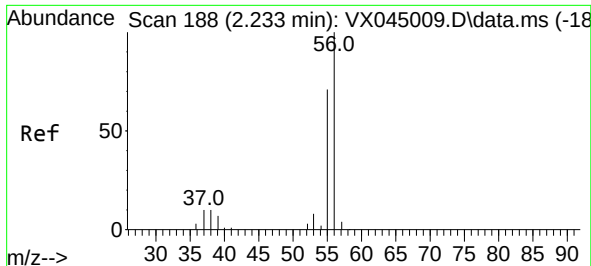
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#12
Methyl Acetate
Concen: 24.775 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

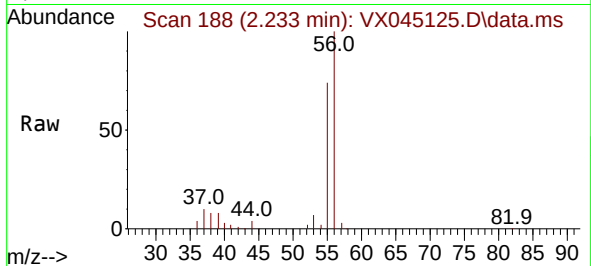
Tgt Ion: 43 Resp: 37238
Ion Ratio Lower Upper
43 100
74 23.4 17.9 26.9





#13
Acrolein
Concen: 106.158 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

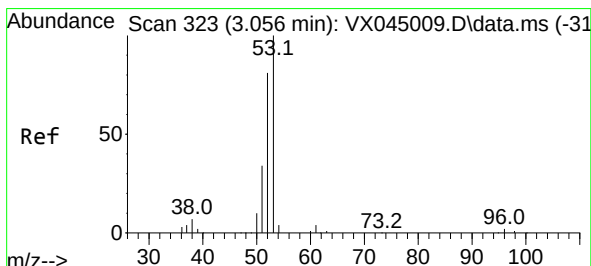
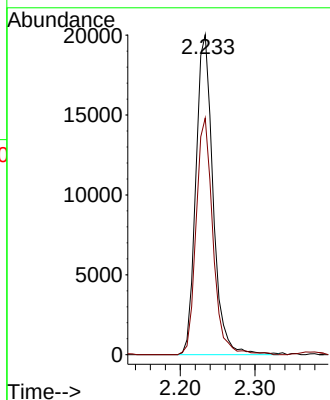
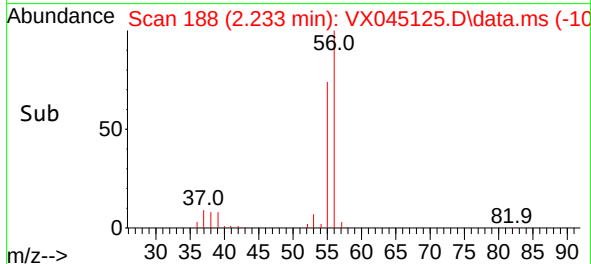
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



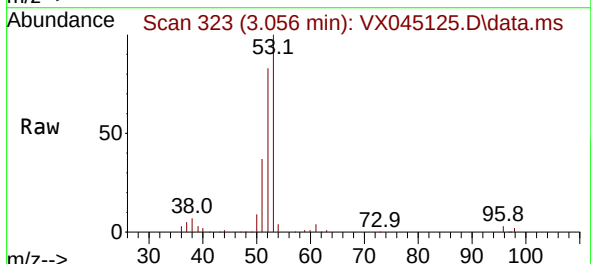
Tgt Ion: 56 Resp: 3198
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.2

Manual Integrations
APPROVED

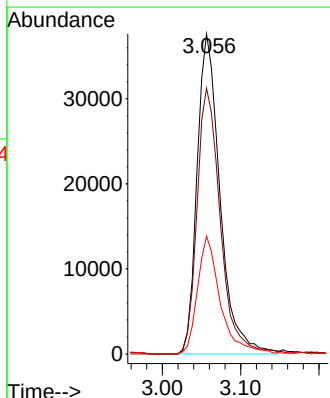
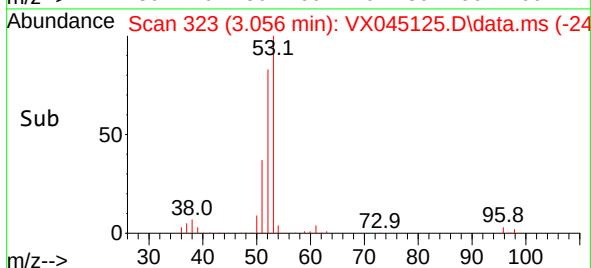
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

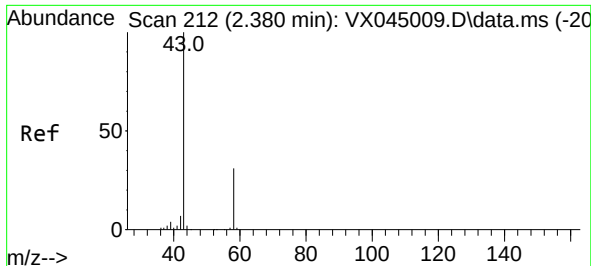


#14
Acrylonitrile
Concen: 104.303 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



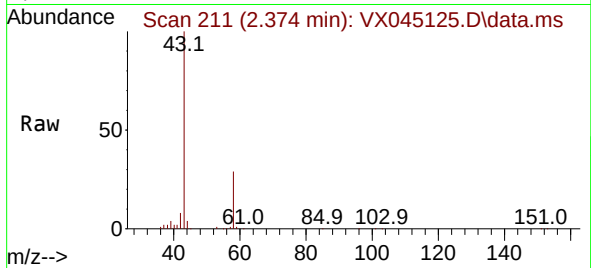
Tgt Ion: 53 Resp: 76577
Ion Ratio Lower Upper
53 100
52 84.4 40.9 122.8
51 36.5 18.0 54.0





#15
Acetone
Concen: 97.817 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

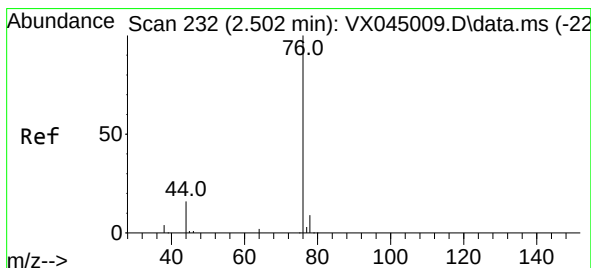
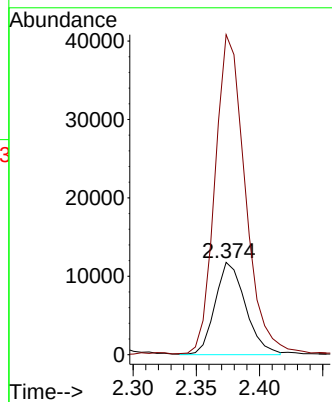
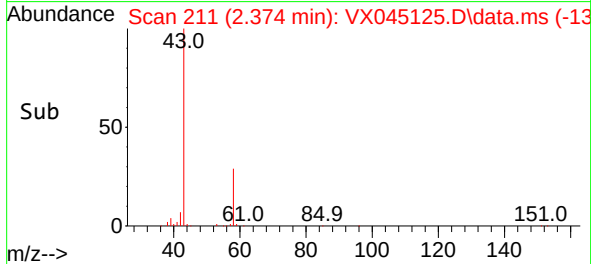
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 19690
Ion Ratio Lower Upper
58 100
43 347.4 258.6 388.0

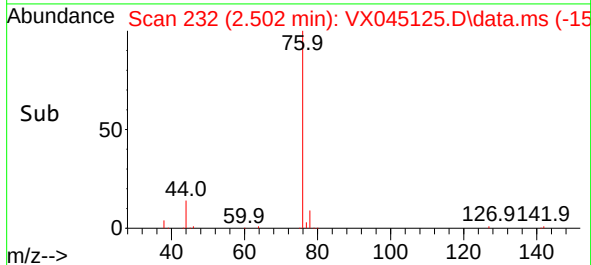
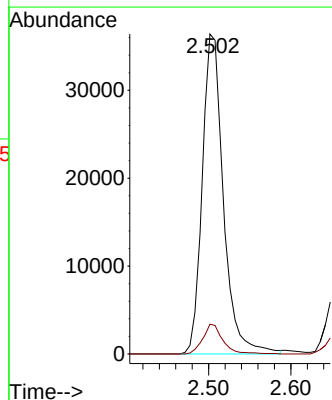
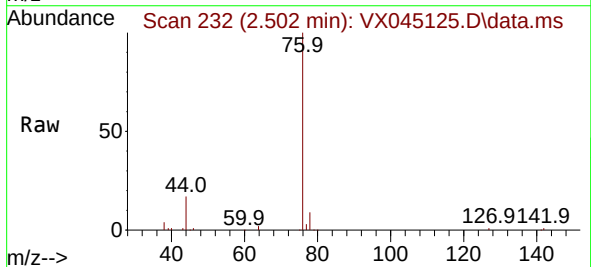
Manual Integrations
APPROVED

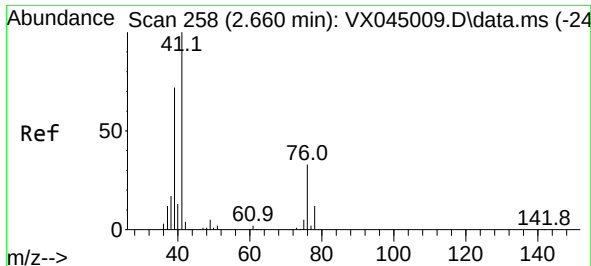
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#16
Carbon Disulfide
Concen: 17.739 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

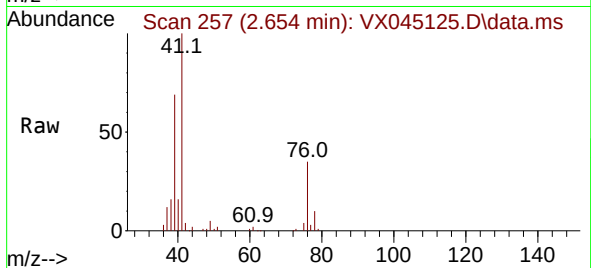
Tgt Ion: 76 Resp: 65127
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17
 Allyl chloride
 Concen: 18.573 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045125.D
 Acq: 04 Mar 2025 15:31

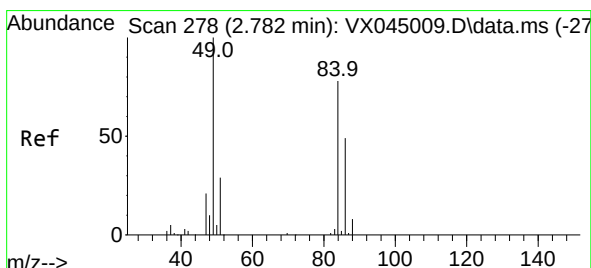
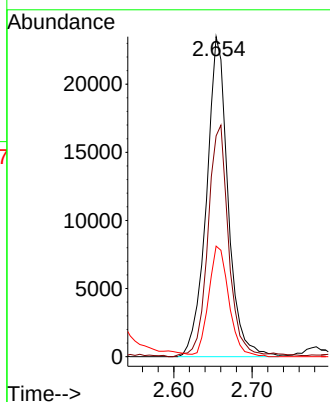
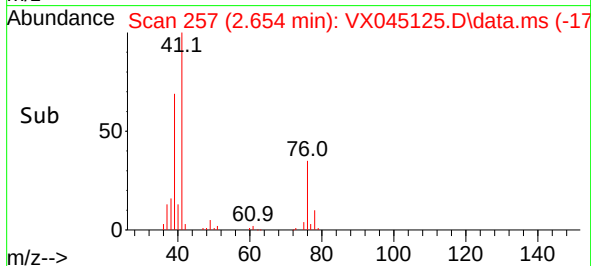
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 4496
 Ion Ratio Lower Upper
 41 100
 39 68.5 36.2 108.6
 76 34.6 17.2 51.5

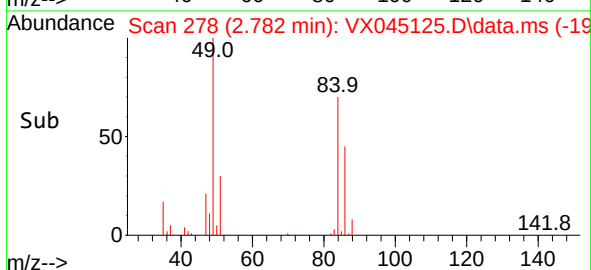
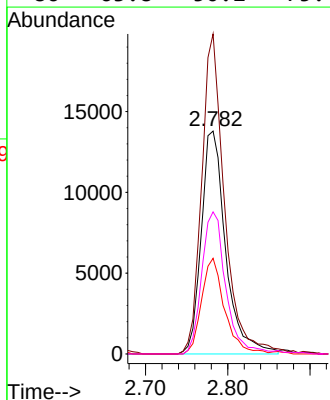
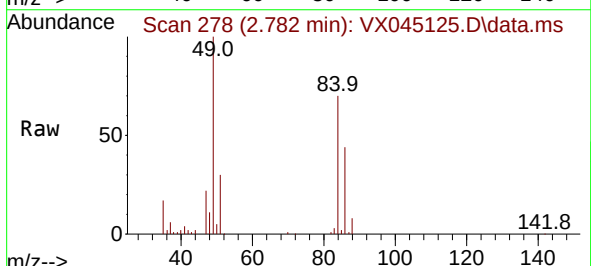
Manual Integrations
 APPROVED

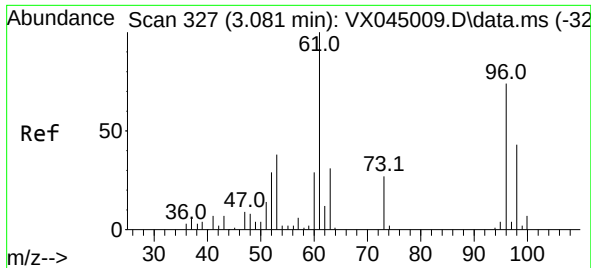
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025



#18
 Methylene Chloride
 Concen: 19.577 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045125.D
 Acq: 04 Mar 2025 15:31

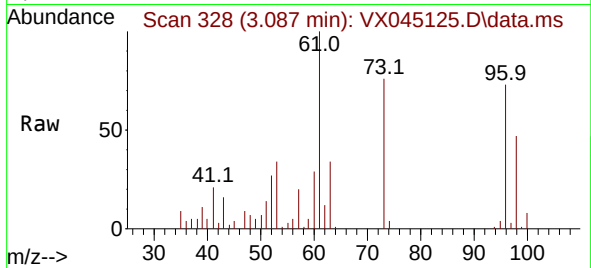
Tgt Ion: 84 Resp: 28501
 Ion Ratio Lower Upper
 84 100
 49 143.5 102.8 154.2
 51 42.9 30.1 45.1
 86 63.8 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 18.770 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

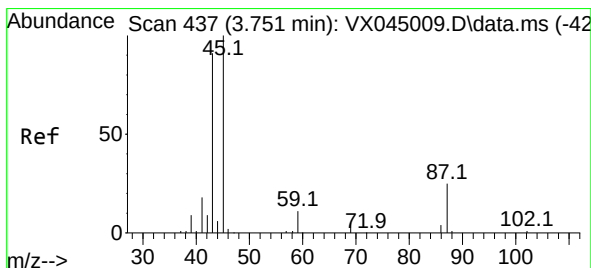
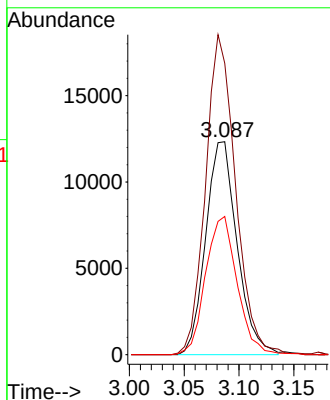
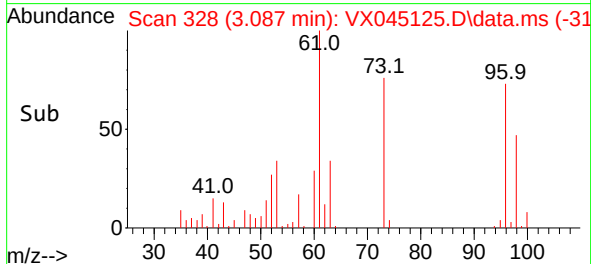
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



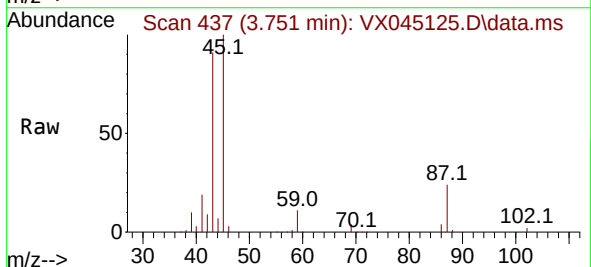
Tgt Ion: 96 Resp: 24580
Ion Ratio Lower Upper
96 100
61 136.1 108.6 163.0
98 64.5 46.5 69.7

Manual Integrations
APPROVED

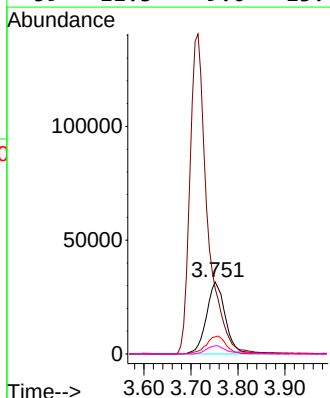
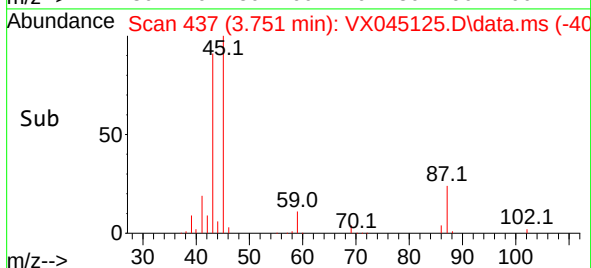
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

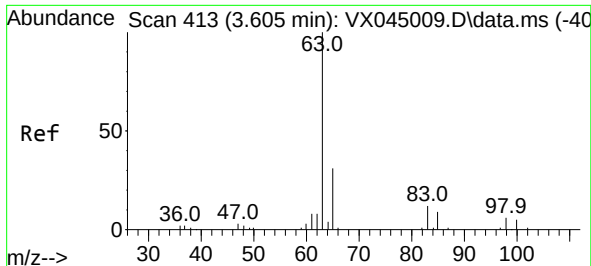


#20
Diisopropyl ether
Concen: 19.075 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion: 45 Resp: 88742
Ion Ratio Lower Upper
45 100
43 89.3 74.4 111.6
87 23.7 19.8 29.8
59 11.3 9.0 13.4





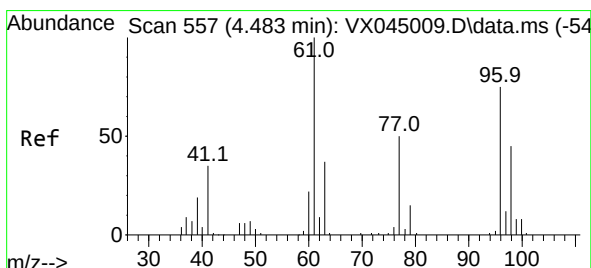
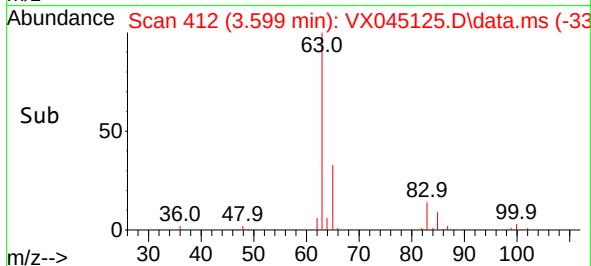
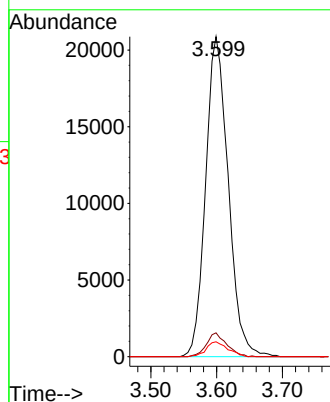
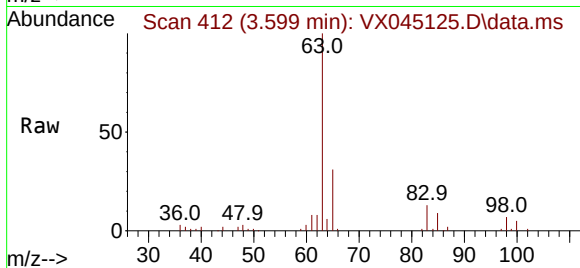
#21
1,1-Dichloroethane
Concen: 19.322 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 4999
Ion Ratio Lower Upper
63 100
98 7.5 3.3 9.8
100 4.7 2.4 7.1

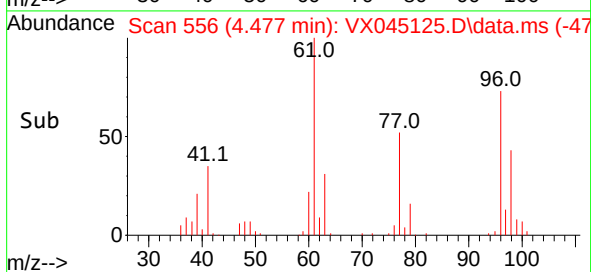
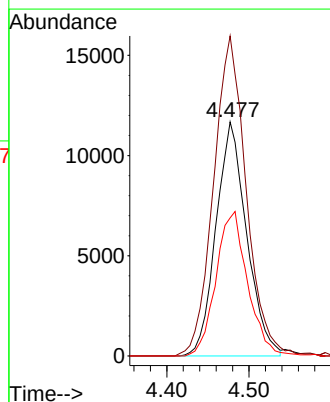
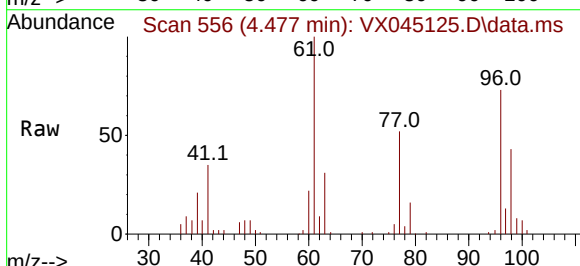
Manual Integrations
APPROVED

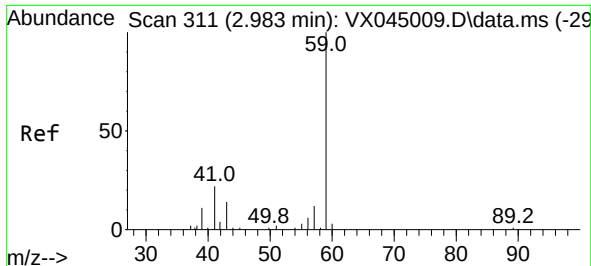
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#22
cis-1,2-Dichloroethene
Concen: 19.289 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 96 Resp: 30270
Ion Ratio Lower Upper
96 100
61 145.5 118.9 178.3
98 63.8 50.7 76.1





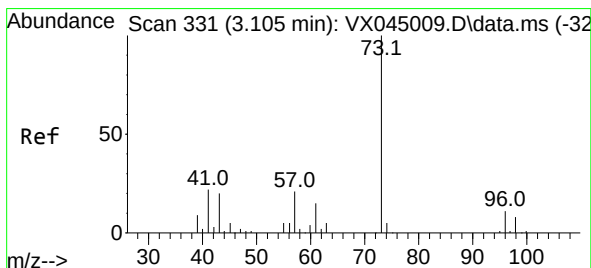
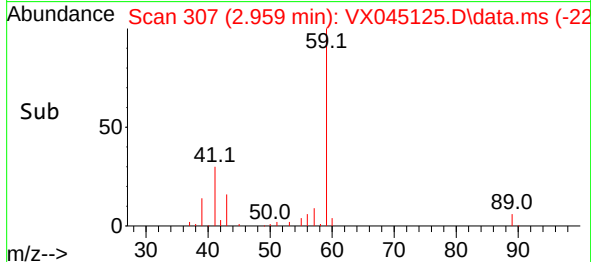
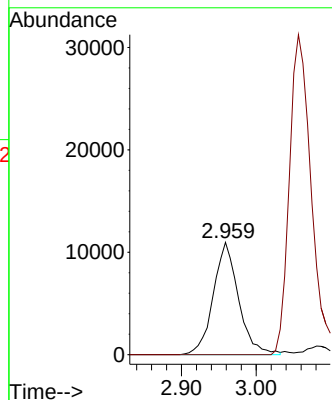
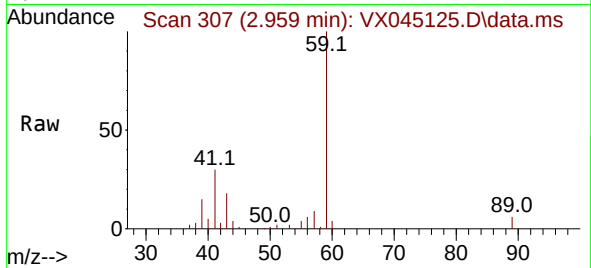
#23
tert-Butyl Alcohol
Concen: 100.728 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 2581
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

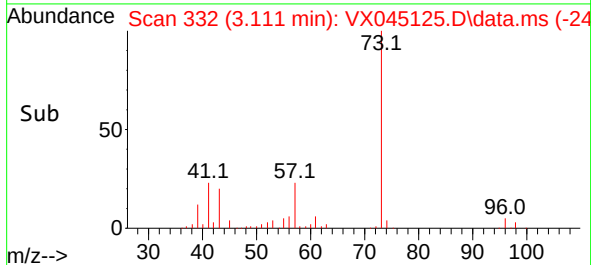
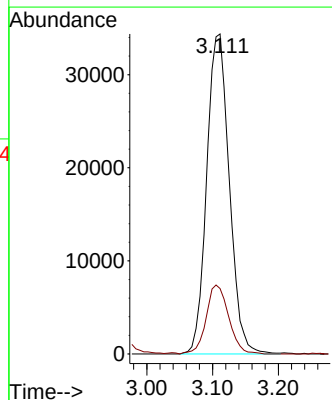
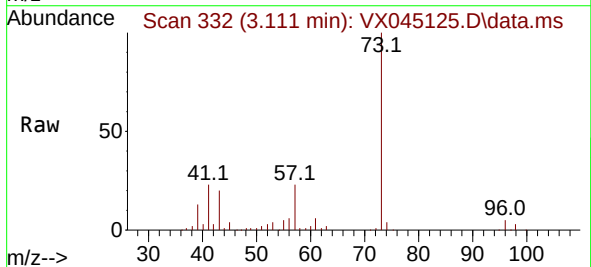
Manual Integrations
APPROVED

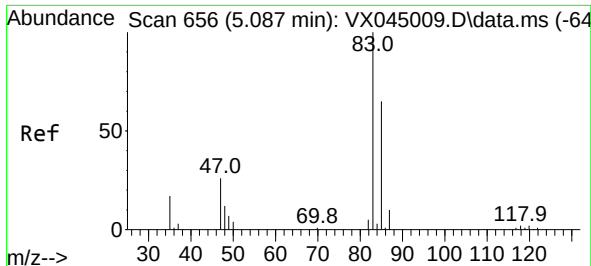
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#24
Methyl tert-Butyl Ether
Concen: 19.452 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 73 Resp: 82177
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.0





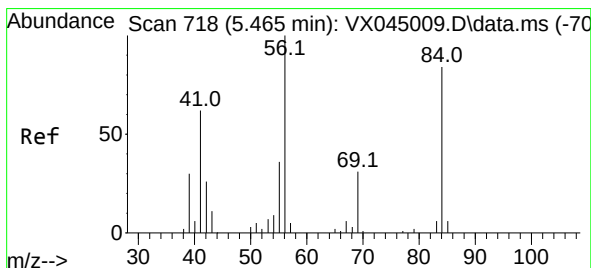
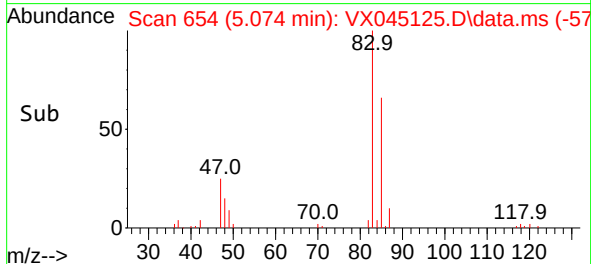
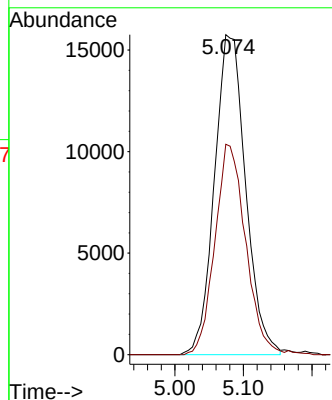
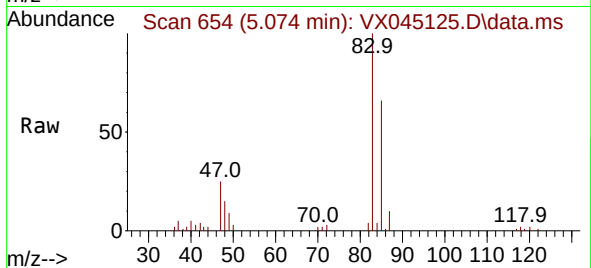
#25
Chloroform
Concen: 19.918 ug/l
RT: 5.074 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4977
Ion Ratio Lower Upper
83 100
85 65.8 51.7 77.5

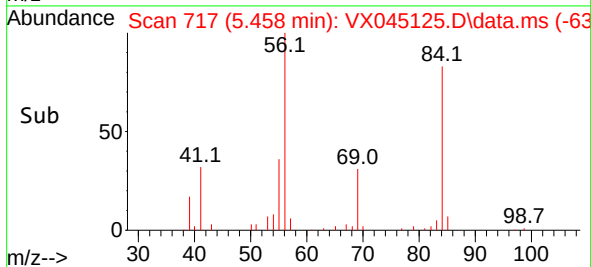
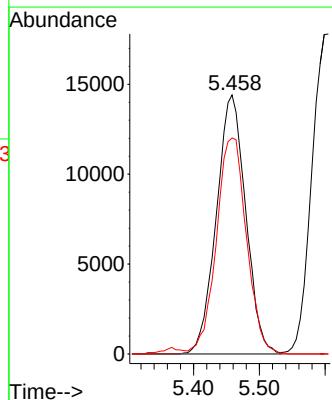
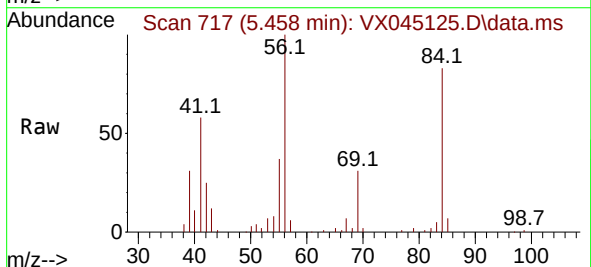
Manual Integrations
APPROVED

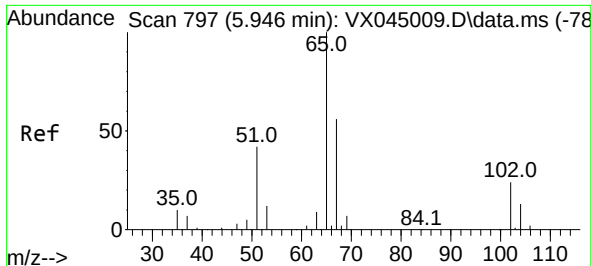
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#26
Cyclohexane
Concen: 18.715 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 56 Resp: 44696
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.6 67.1 100.7





#27
1,2-Dichloroethane-d4
Concen: 30.082 ug/l
RT: 5.940 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

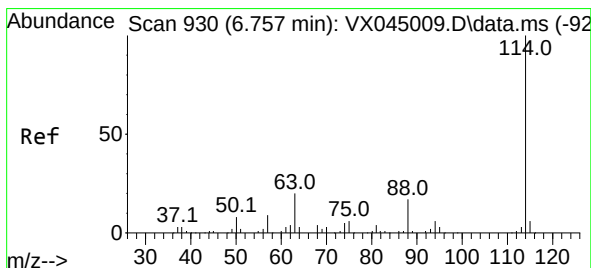
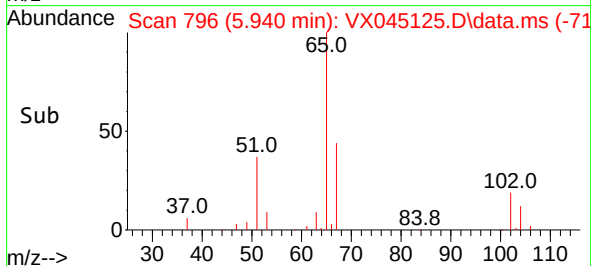
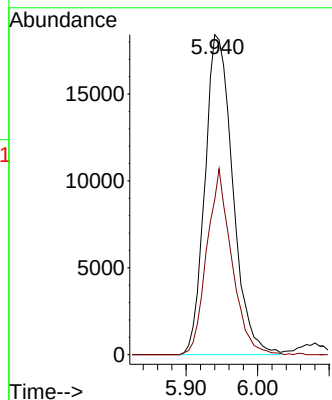
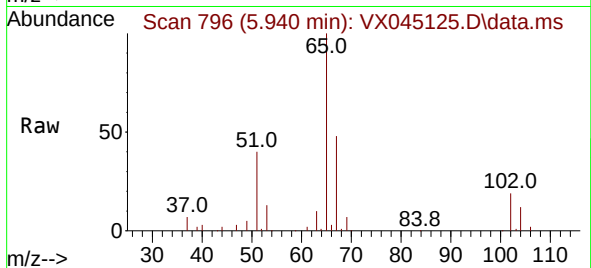
VSTDCCC020EC

Tgt Ion: 65 Resp: 4978
Ion Ratio Lower Upper
65 100
67 52.0 42.6 64.0

Manual Integrations

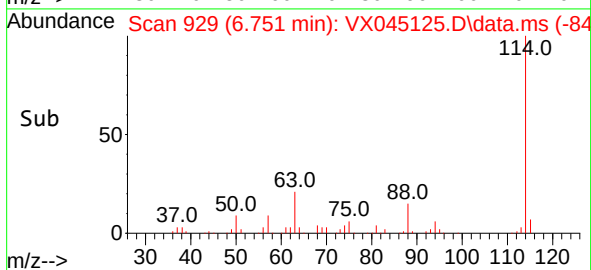
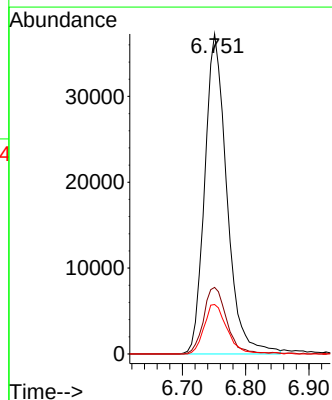
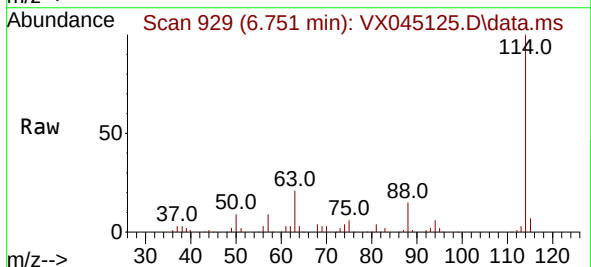
APPROVED

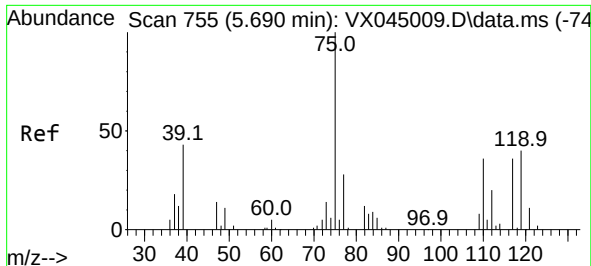
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion:114 Resp: 90722
Ion Ratio Lower Upper
114 100
63 21.7 16.8 25.2
88 15.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 19.687 ug/l

RT: 5.678 min Scan# 71

Delta R.T. -0.012 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

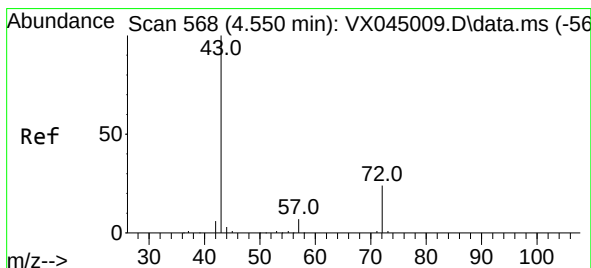
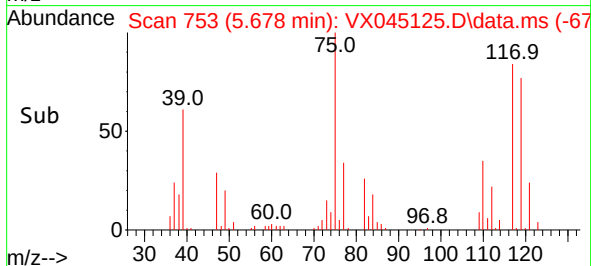
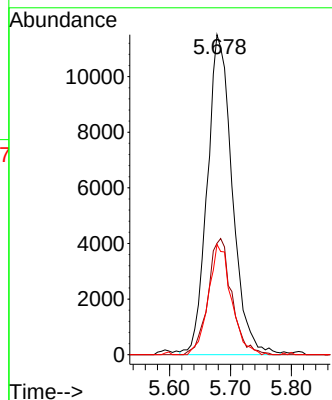
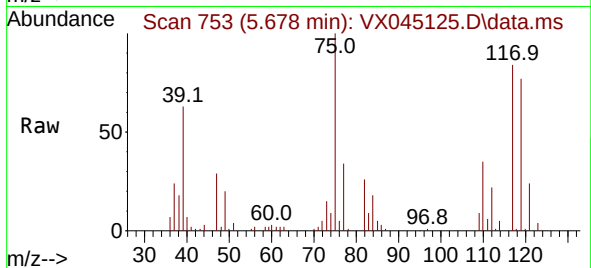
Tgt Ion:	75	Resp:	32854
Ion Ratio	Lower	Upper	
75	100		
110	34.4	0.0	69.2
77	31.5	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#30

2-Butanone

Concen: 110.117 ug/l

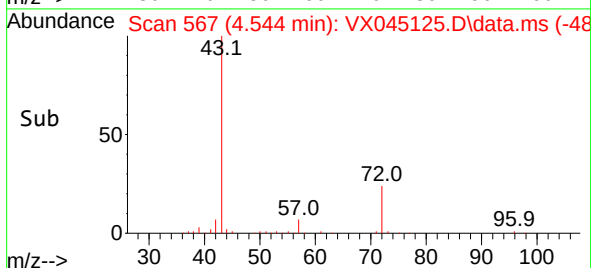
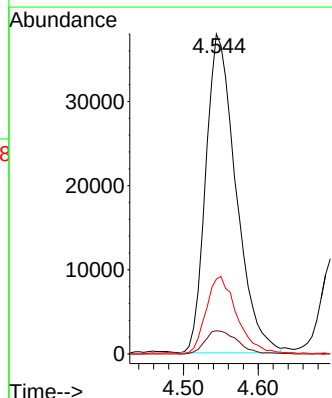
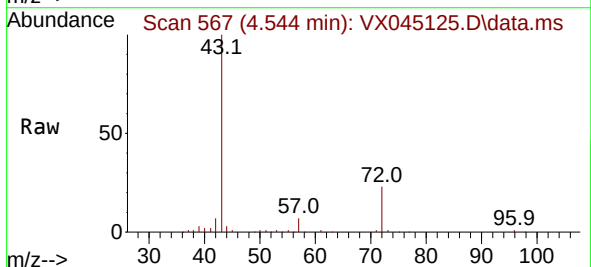
RT: 4.544 min Scan# 567

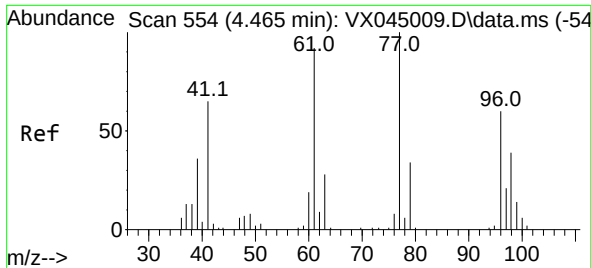
Delta R.T. -0.006 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

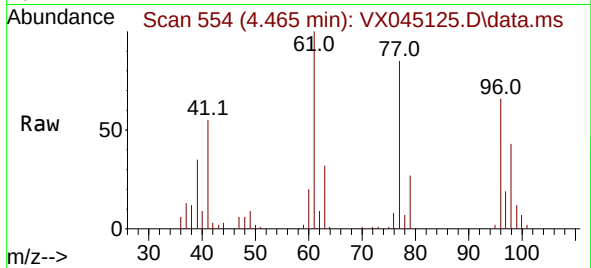
Tgt Ion:	43	Resp:	106144
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.2	9.2
72	24.8	20.2	30.2





#31
2,2-Dichloropropane
Concen: 17.209 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

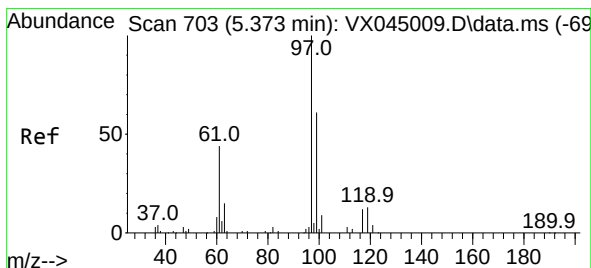
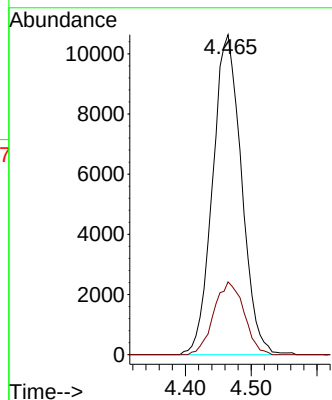
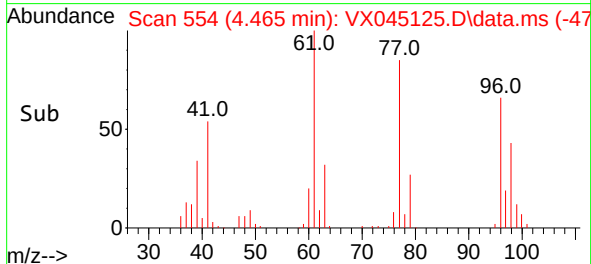
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



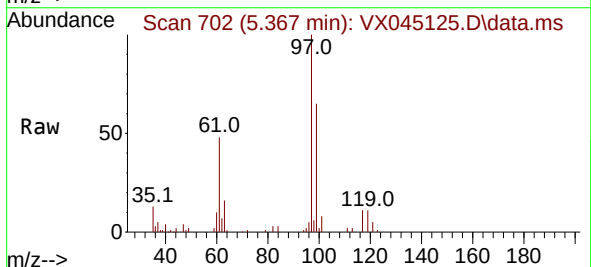
Tgt Ion: 77 Resp: 32474
Ion Ratio Lower Upper
77 100
97 23.8 18.0 27.0

Manual Integrations
APPROVED

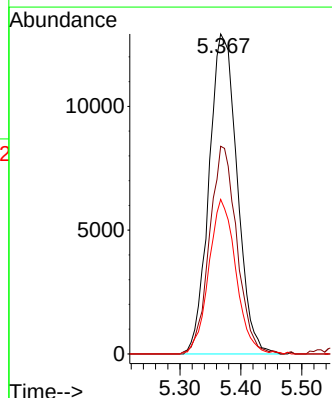
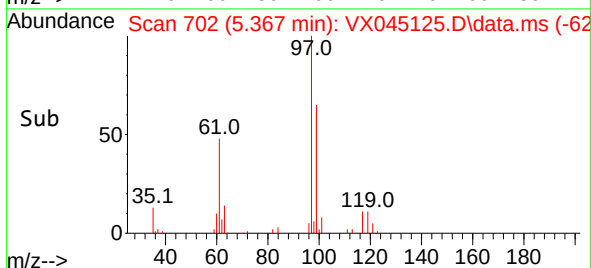
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

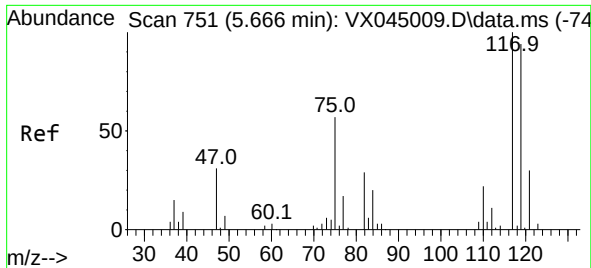


#32
1,1,1-Trichloroethane
Concen: 20.505 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



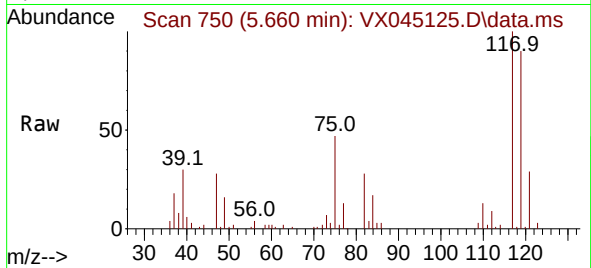
Tgt Ion: 97 Resp: 41461
Ion Ratio Lower Upper
97 100
99 62.8 52.2 78.2
61 46.4 38.5 57.7





#33
Carbon Tetrachloride
Concen: 20.925 ug/l
RT: 5.660 min Scan# 710
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

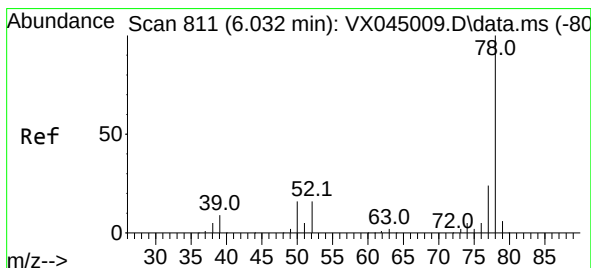
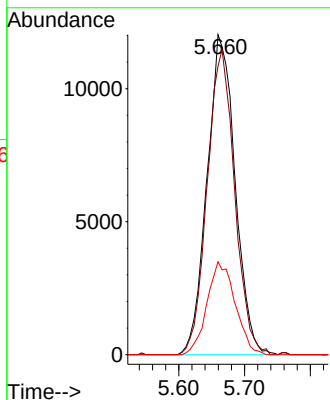
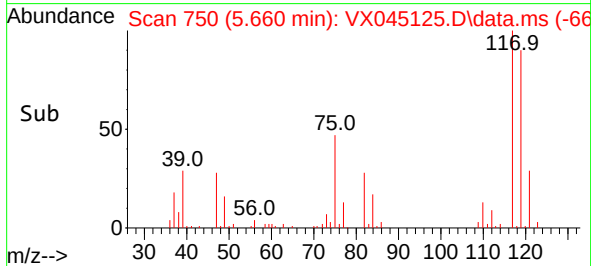
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



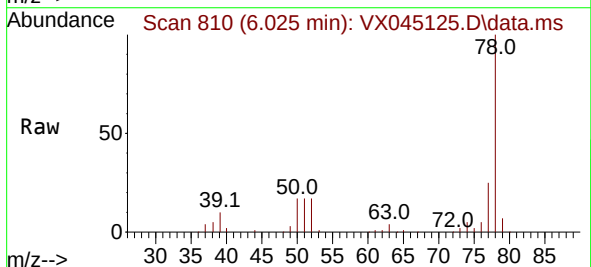
Tgt Ion:117 Resp: 35708
Ion Ratio Lower Upper
117 100
119 90.2 75.1 112.7
121 29.0 23.9 35.9

Manual Integrations
APPROVED

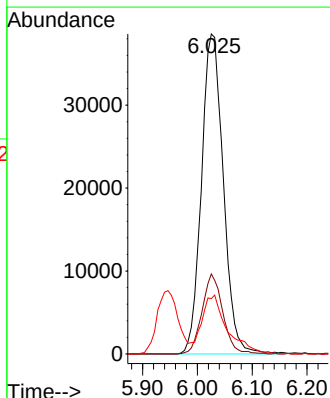
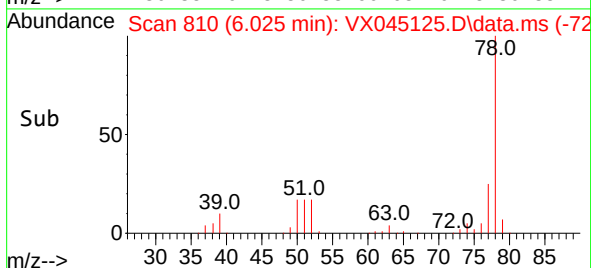
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

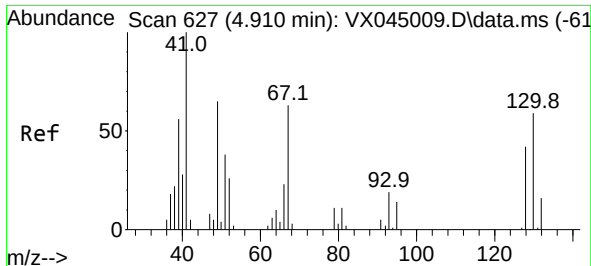


#34
Benzene
Concen: 20.413 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion: 78 Resp: 106832
Ion Ratio Lower Upper
78 100
77 25.0 19.6 29.4
51 17.1 13.8 20.6





#35
Methacrylonitrile
Concen: 21.529 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

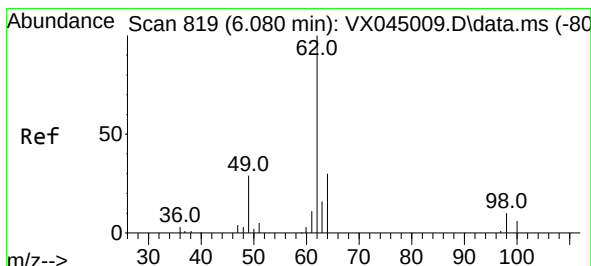
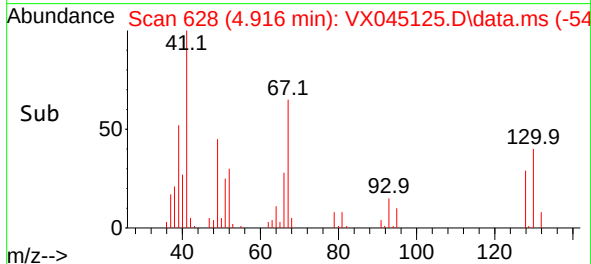
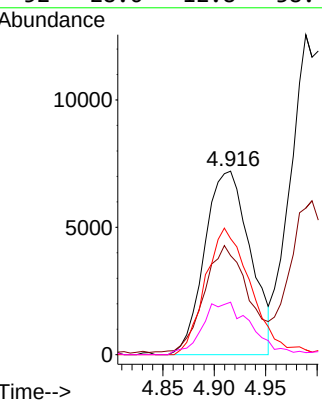
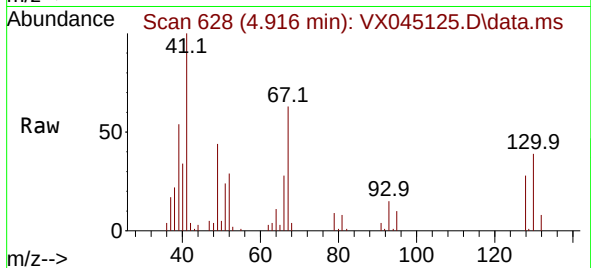
Tgt Ion: 41 Resp: 2220
Ion Ratio Lower Upper
41 100
39 51.9 27.8 83.4
67 63.2 31.5 94.5
52 28.6 12.8 38.4

Manual Integrations

APPROVED

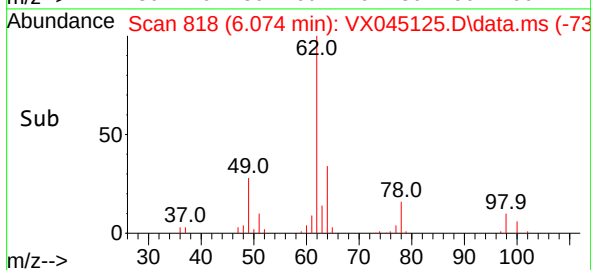
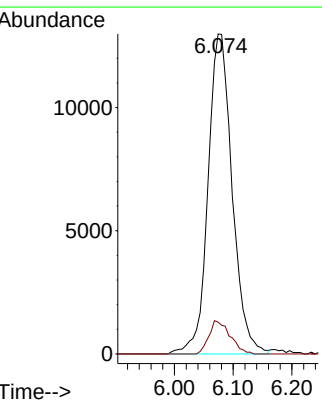
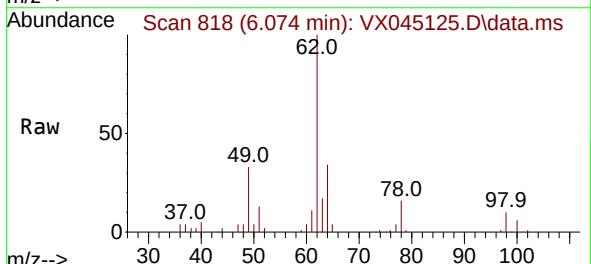
Reviewed By :John Carlone 03/05/2025

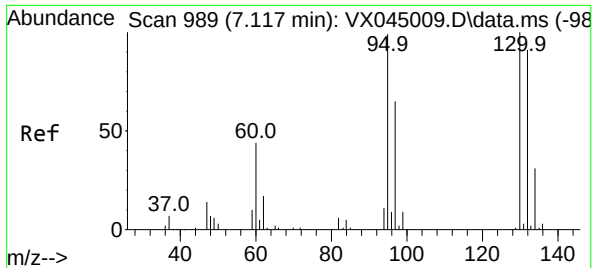
Supervised By :Mahesh Dadoda 03/05/2025



#36
1,2-Dichloroethane
Concen: 20.725 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

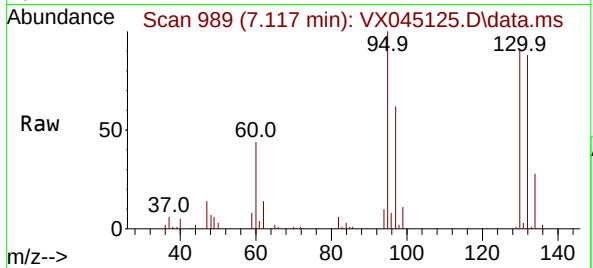
Tgt Ion: 62 Resp: 37134
Ion Ratio Lower Upper
62 100
98 9.1 7.9 11.9





#37
Trichloroethene
Concen: 20.277 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

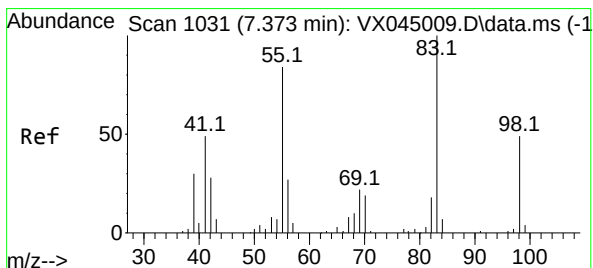
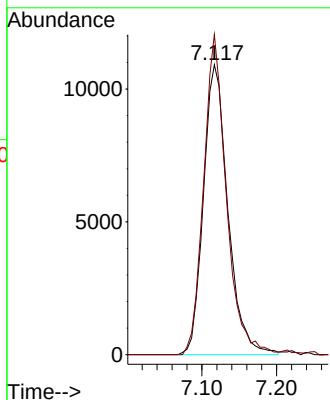
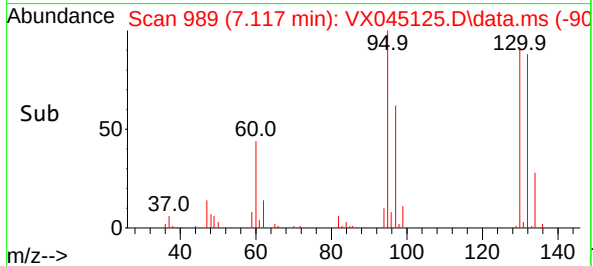
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



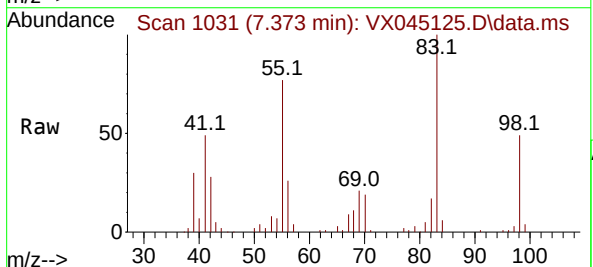
Tgt Ion:130 Resp: 24820
Ion Ratio Lower Upper
130 100
95 110.4 79.0 118.4

Manual Integrations
APPROVED

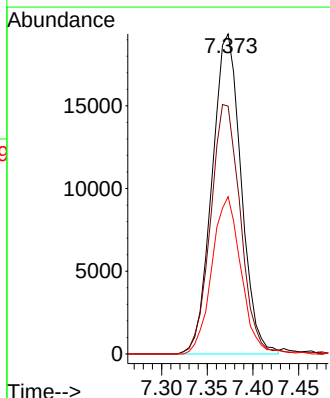
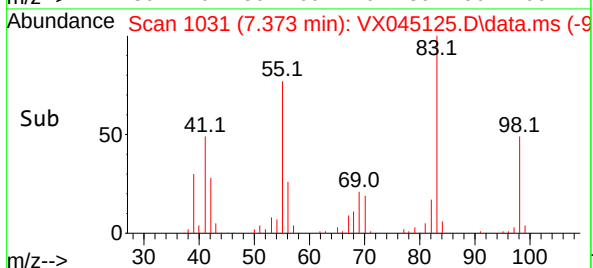
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

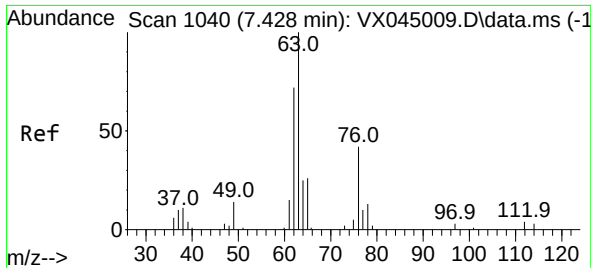


#38
Methylcyclohexane
Concen: 19.141 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion: 83 Resp: 42891
Ion Ratio Lower Upper
83 100
55 79.7 40.6 122.0
98 49.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.649 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2556

Ion Ratio Lower Upper

63 100

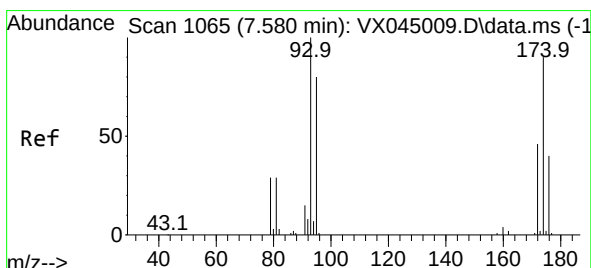
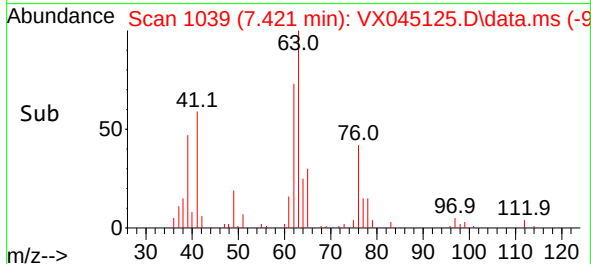
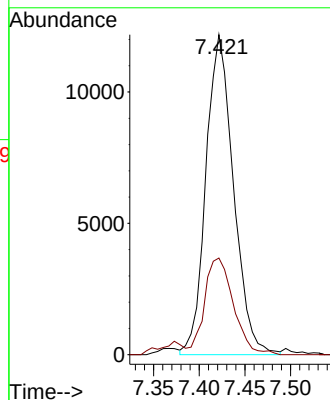
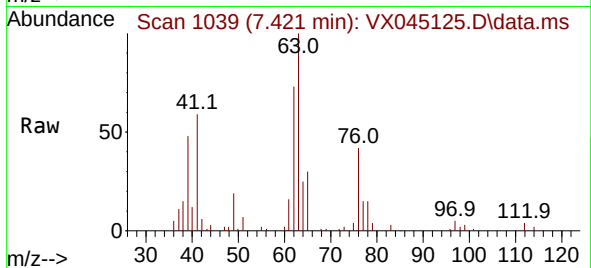
65 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#40

Dibromomethane

Concen: 20.246 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

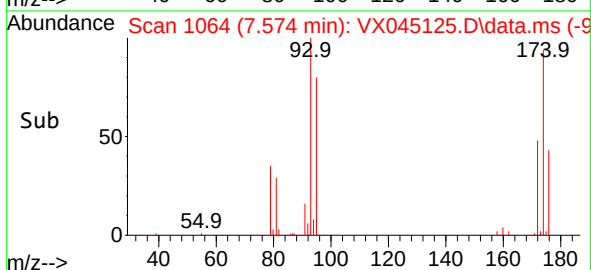
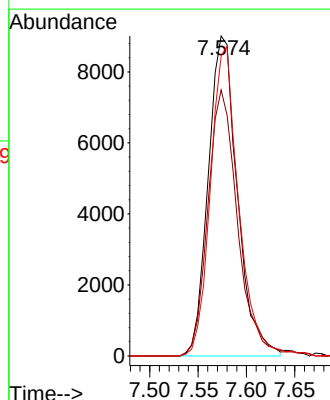
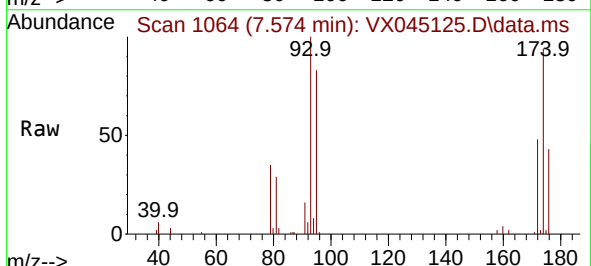
Tgt Ion: 93 Resp: 18903

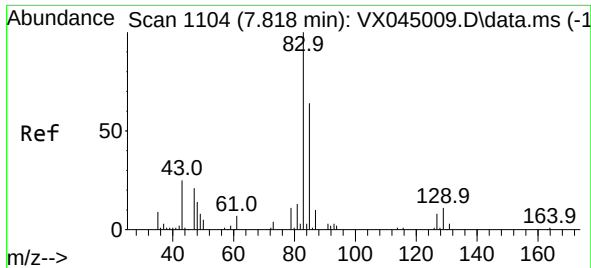
Ion Ratio Lower Upper

93 100

95 83.8 0.0 162.6

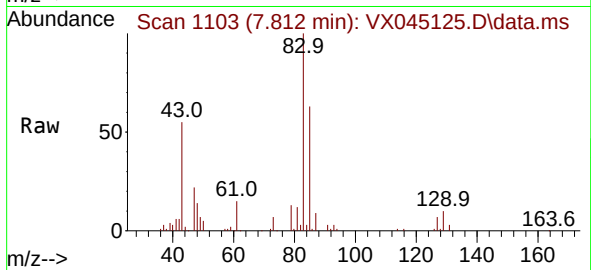
174 93.8 0.0 178.8





#41
Bromodichloromethane
Concen: 20.634 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

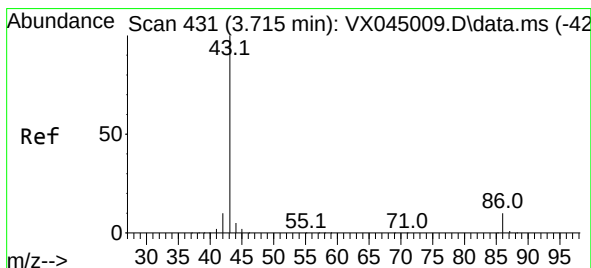
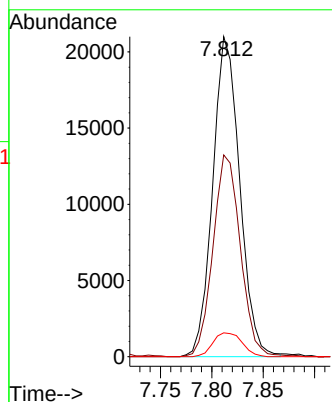
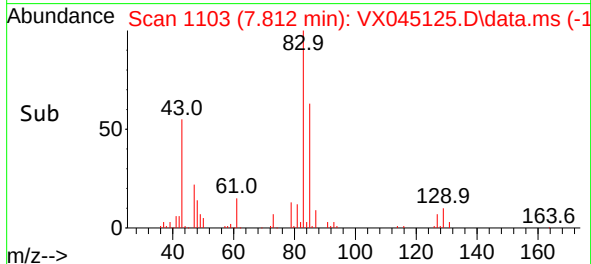
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 38290
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.6
127 7.5 6.1 9.1

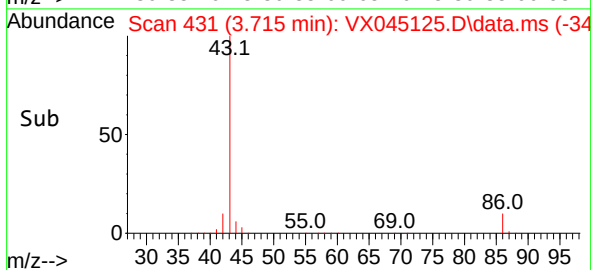
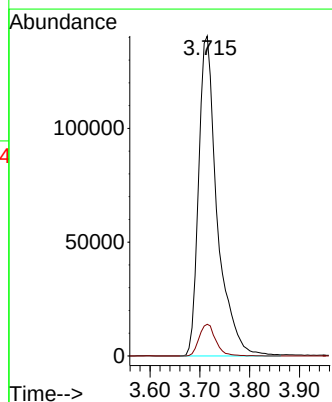
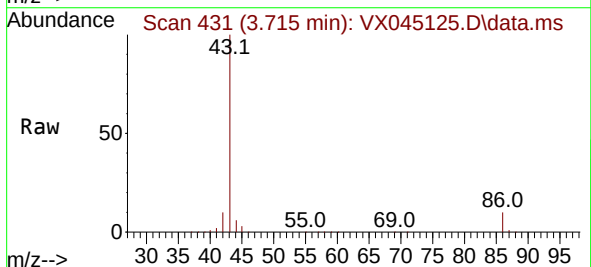
Manual Integrations
APPROVED

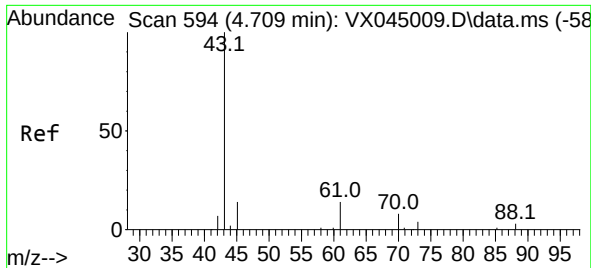
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#42
Vinyl Acetate
Concen: 97.440 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

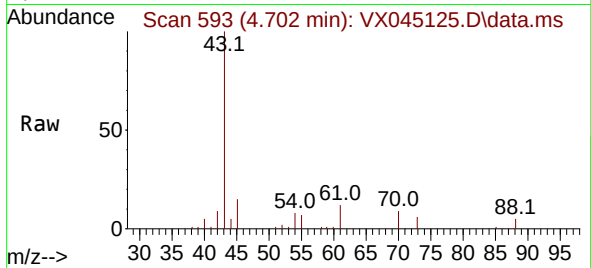
Tgt Ion: 43 Resp: 364476
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43
Ethyl Acetate
Concen: 20.693 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

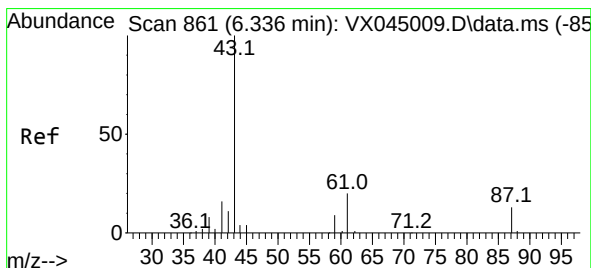
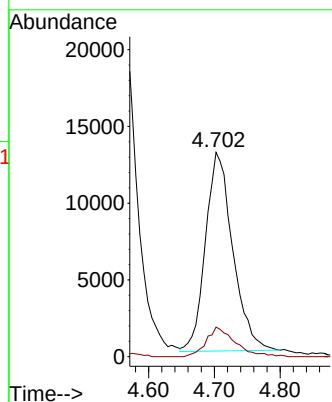
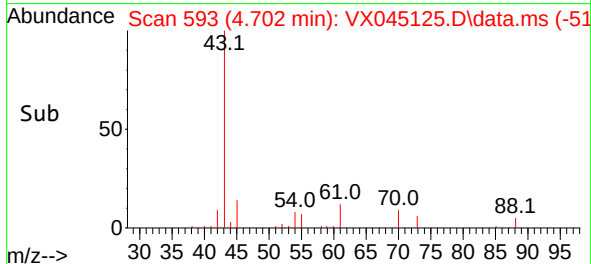
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 3740
Ion Ratio Lower Upper
43 100
45 15.2 12.7 19.1

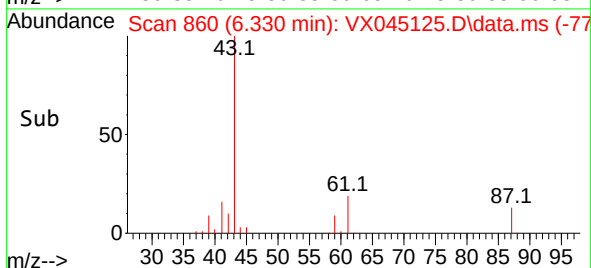
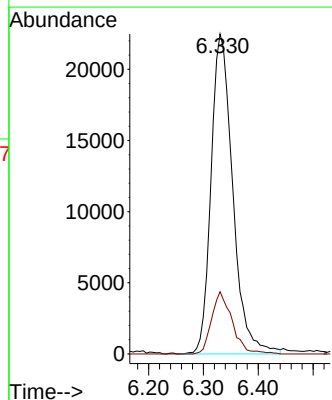
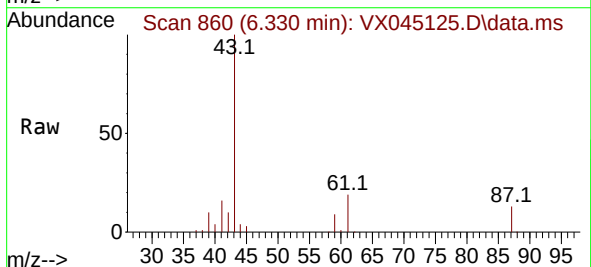
Manual Integrations
APPROVED

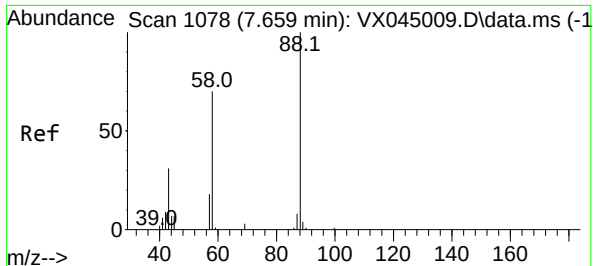
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#44
Isopropyl Acetate
Concen: 20.770 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

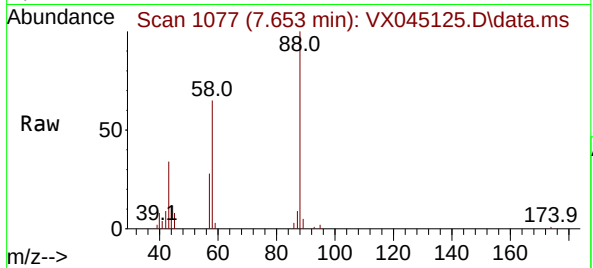
Tgt Ion: 43 Resp: 61793
Ion Ratio Lower Upper
43 100
61 18.0 15.5 23.3





#45
1,4-Dioxane
Concen: 412.697 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

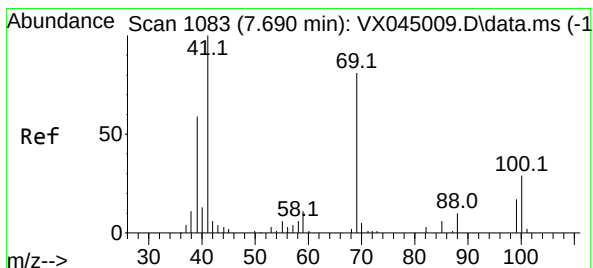
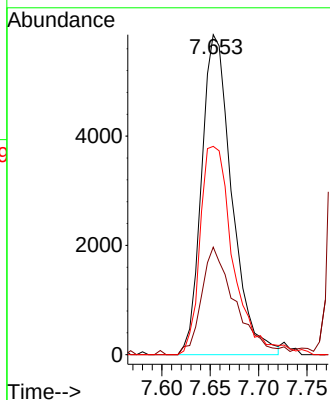
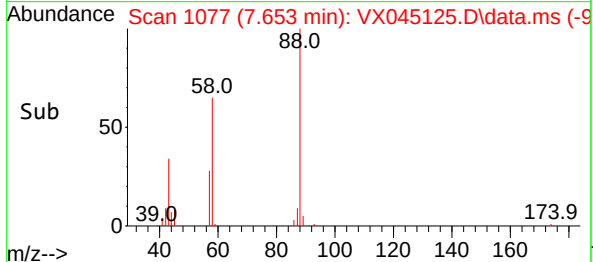
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



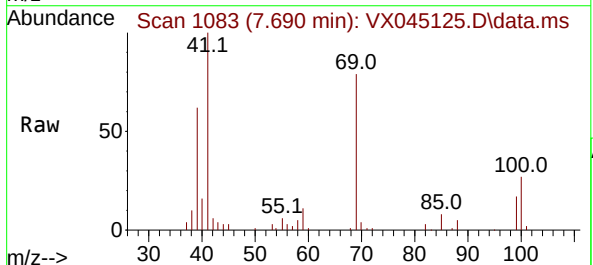
Tgt Ion: 88 Resp: 12764
Ion Ratio Lower Upper
88 100
43 37.0 29.6 44.4
58 69.4 56.2 84.4

Manual Integrations
APPROVED

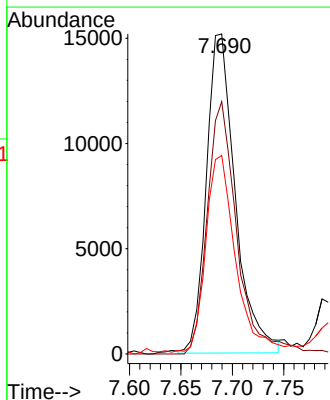
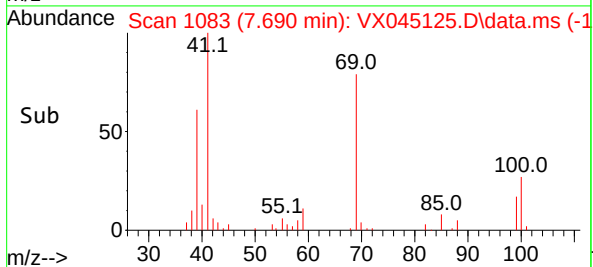
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

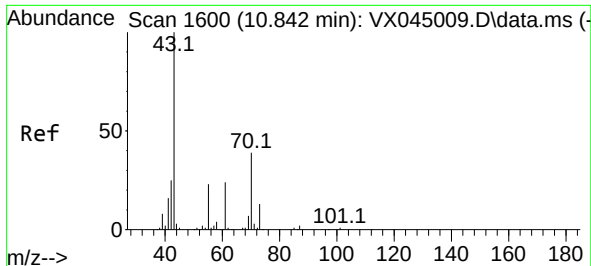


#46
Methyl methacrylate
Concen: 20.394 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion: 41 Resp: 29753
Ion Ratio Lower Upper
41 100
69 79.6 40.7 122.1
39 61.5 29.5 88.5





#47

n-amy1 Acetate

Concen: 20.111 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 5192

Ion Ratio Lower Upper

43 100

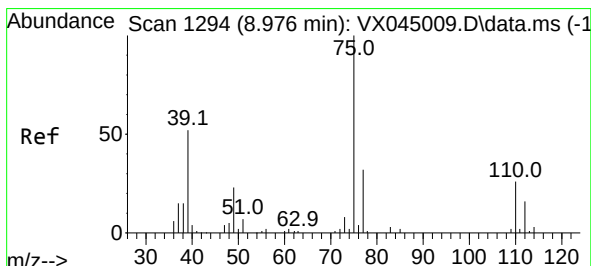
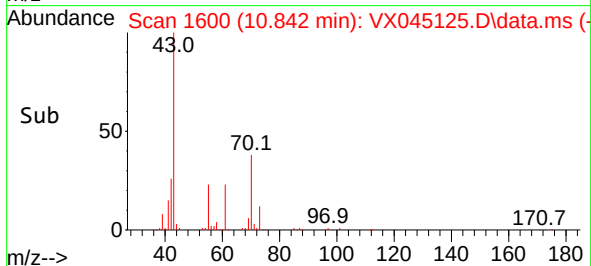
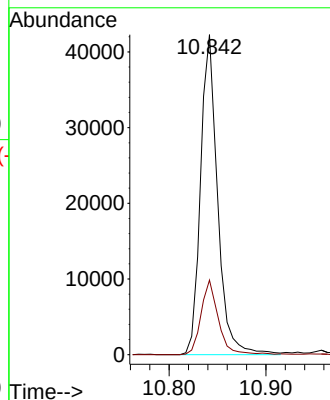
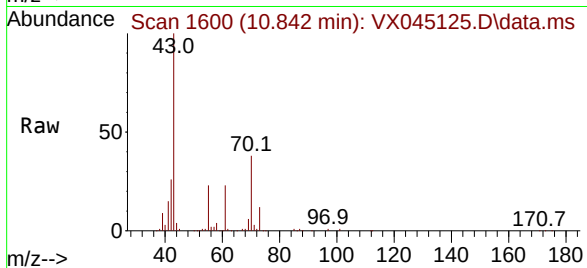
55 23.4 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#48

t-1,3-Dichloropropene

Concen: 18.505 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045125.D

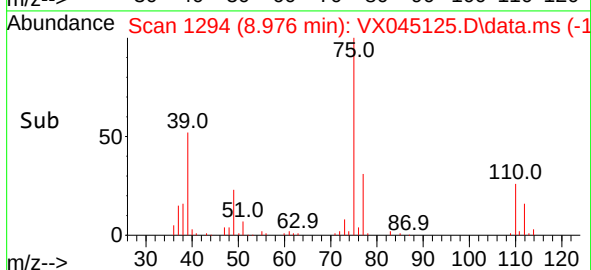
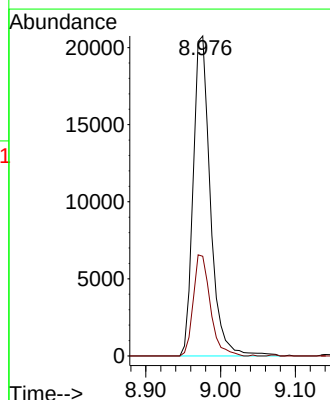
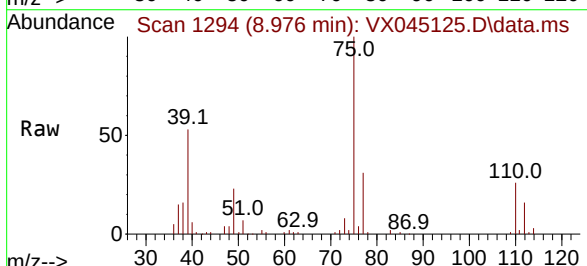
Acq: 04 Mar 2025 15:31

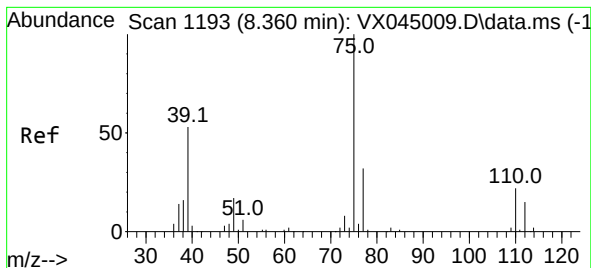
Tgt Ion: 75 Resp: 33099

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.294 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3906

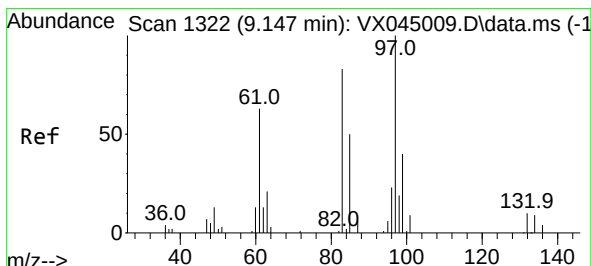
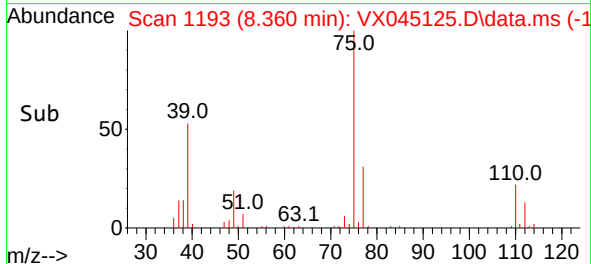
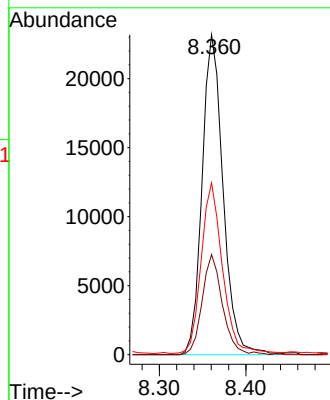
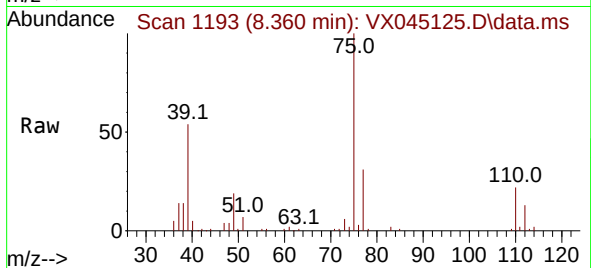
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.9	38.9
39	53.1	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#50

1,1,2-Trichloroethane

Concen: 20.699 ug/l

RT: 9.147 min Scan# 1322

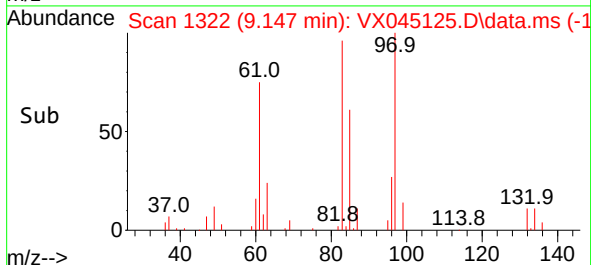
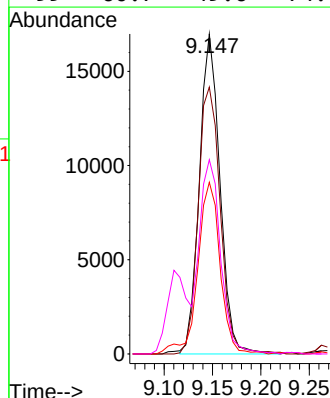
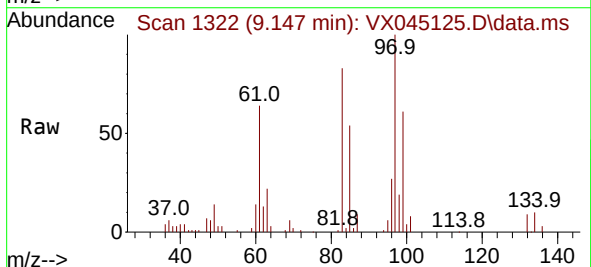
Delta R.T. -0.000 min

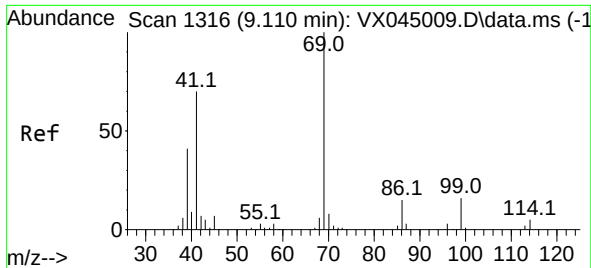
Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

Tgt Ion: 97 Resp: 25209

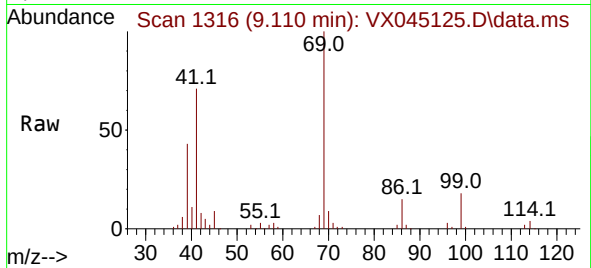
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.0	99.0
85	53.2	42.5	63.7
99	60.7	49.6	74.4





#51
Ethyl methacrylate
Concen: 19.418 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

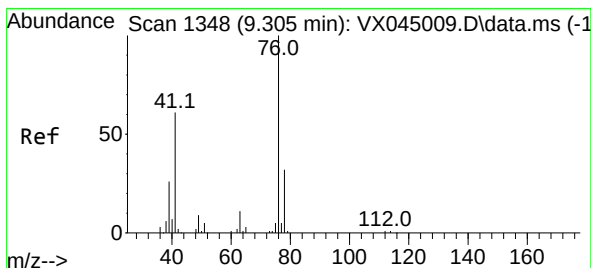
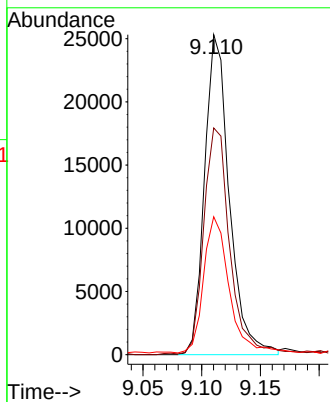
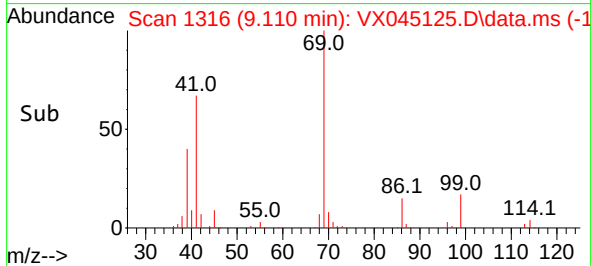
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



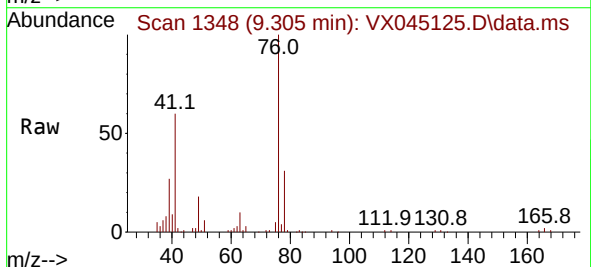
Tgt Ion: 69 Resp: 37192
Ion Ratio Lower Upper
69 100
41 70.6 35.1 105.3
39 42.5 20.5 61.6

Manual Integrations
APPROVED

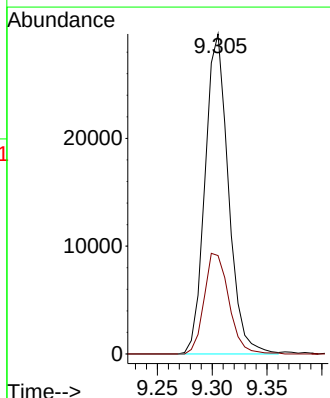
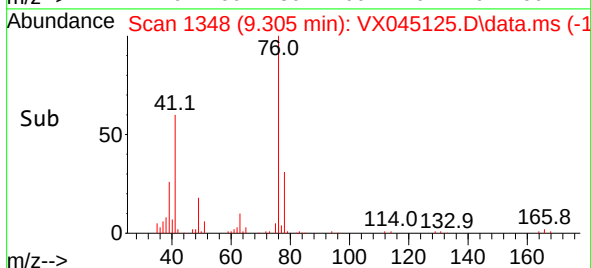
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

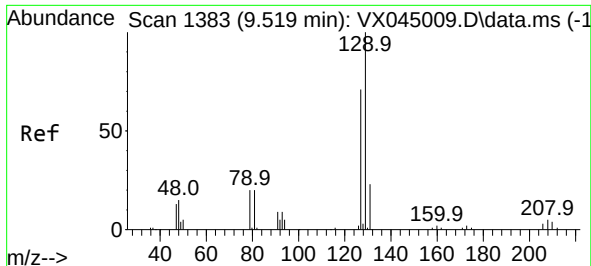


#52
1,3-Dichloropropane
Concen: 20.628 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



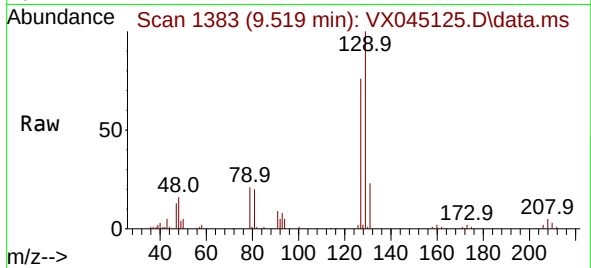
Tgt Ion: 76 Resp: 44019
Ion Ratio Lower Upper
76 100
78 33.2 0.0 63.6





#53
Dibromochloromethane
Concen: 20.760 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

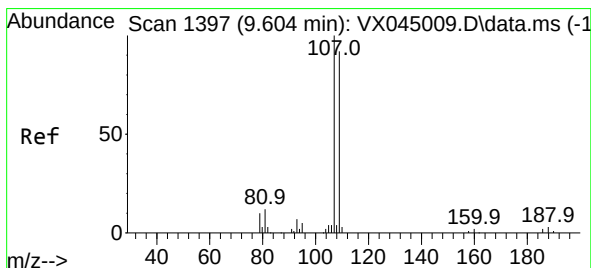
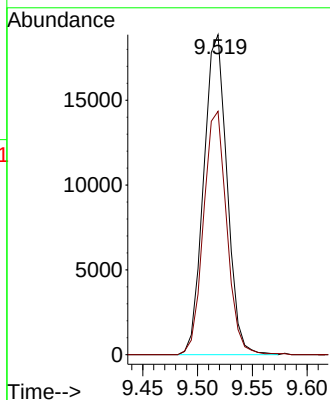
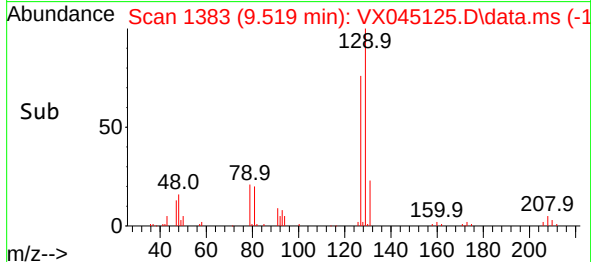
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 27962
Ion Ratio Lower Upper
129 100
127 75.5 37.3 111.9

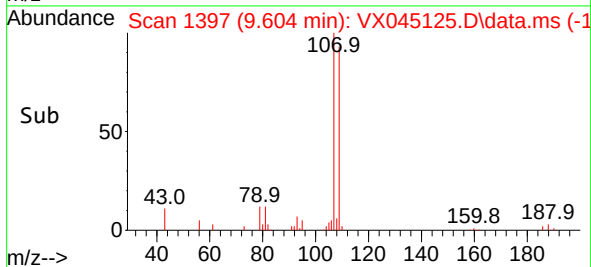
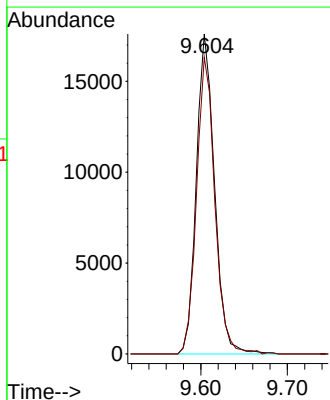
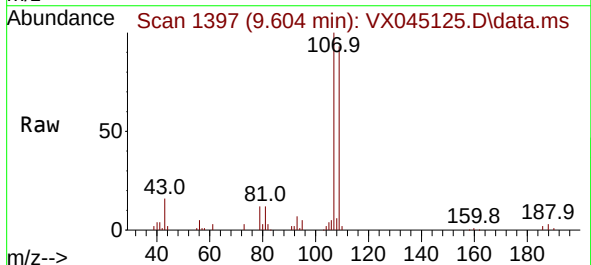
Manual Integrations
APPROVED

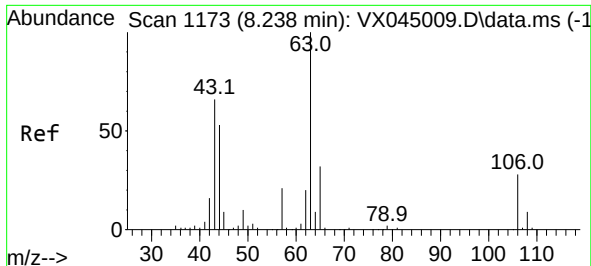
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#54
1,2-Dibromoethane
Concen: 20.830 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion:107 Resp: 25760
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 97.196 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

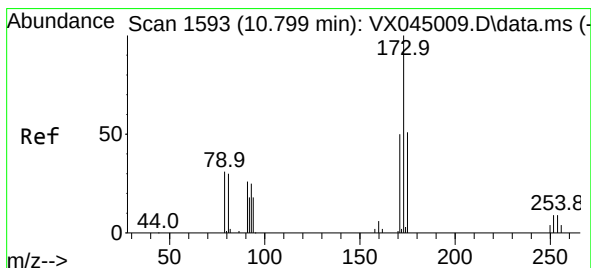
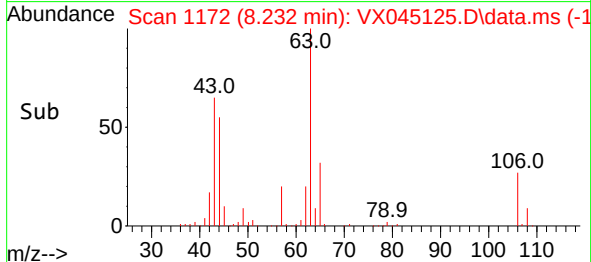
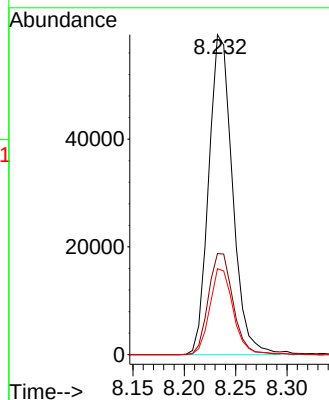
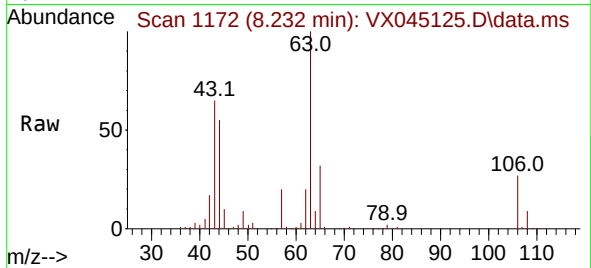
Tgt Ion:	63	Resp:	9560
Ion	Ratio	Lower	Upper
63	100		
65	32.4	26.2	39.2
106	26.5	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2025

Supervised By :Mahesh Dadoda 03/05/2025



#56

Bromoform

Concen: 21.446 ug/l

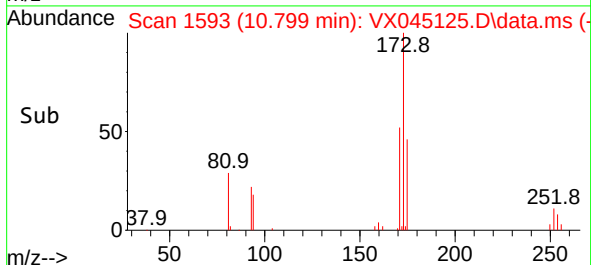
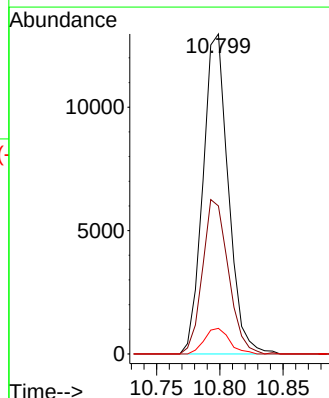
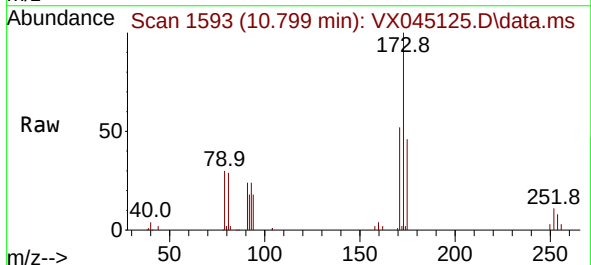
RT: 10.799 min Scan# 1593

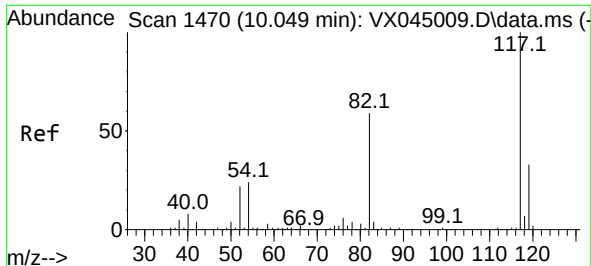
Delta R.T. -0.000 min

Lab File: VX045125.D

Acq: 04 Mar 2025 15:31

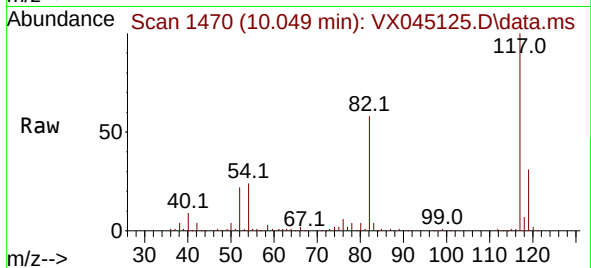
Tgt Ion:	173	Resp:	18101
Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.6	59.4
254	7.9	6.3	9.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

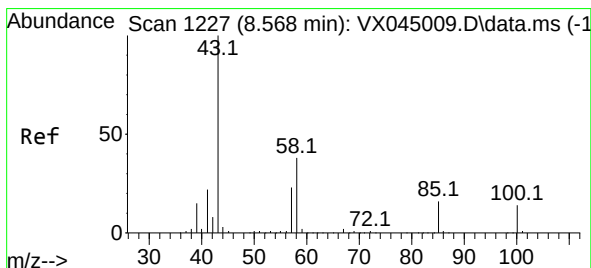
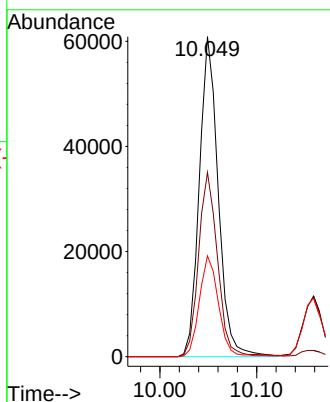
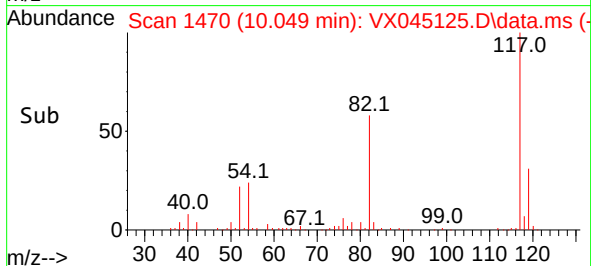
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 83074
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.8
119 31.9 25.5 38.3

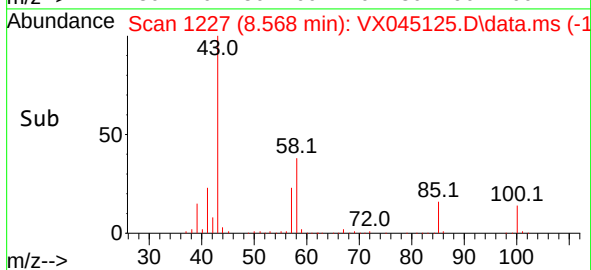
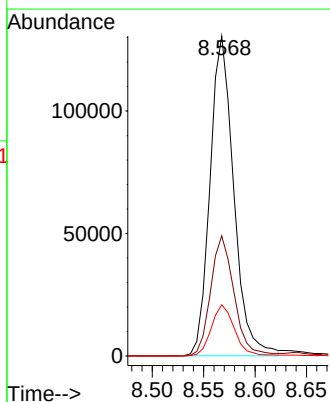
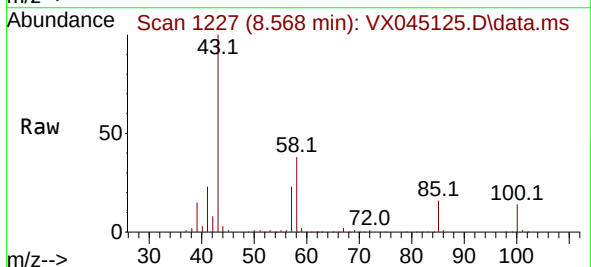
Manual Integrations
APPROVED

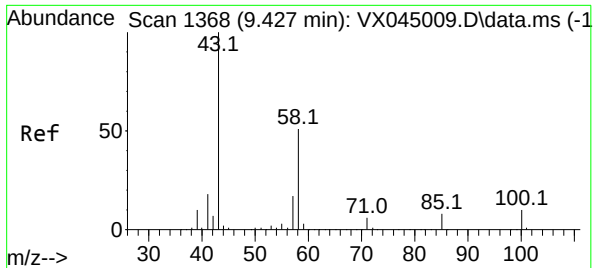
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#58
4-Methyl-2-Pentanone
Concen: 111.023 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

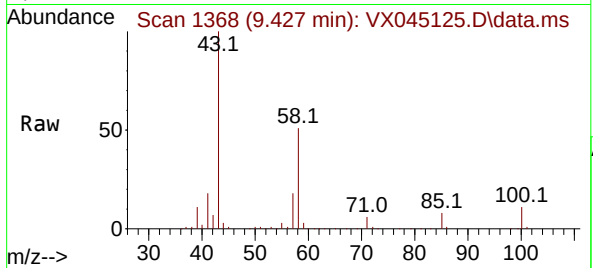
Tgt Ion: 43 Resp: 209806
Ion Ratio Lower Upper
43 100
58 37.1 29.5 44.3
85 15.6 12.9 19.3





#59
2-Hexanone
Concen: 111.272 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

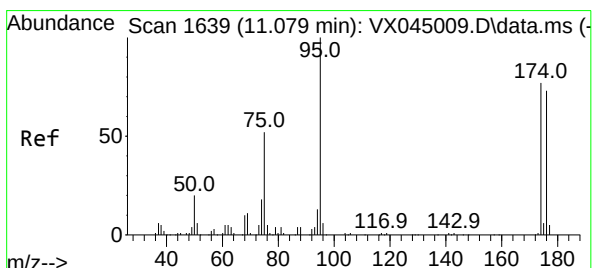
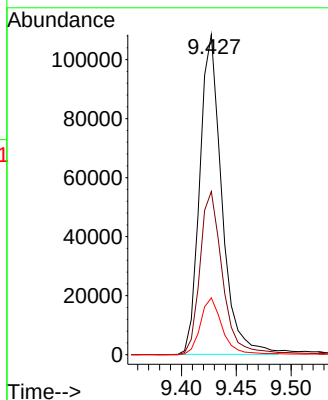
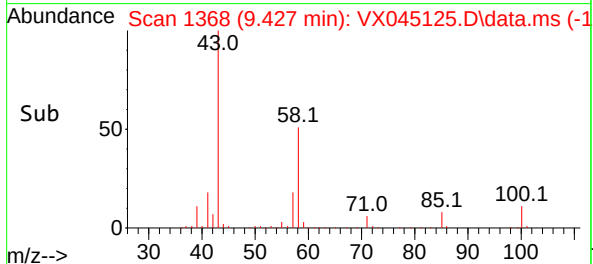
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 15199
Ion Ratio Lower Upper
43 100
58 52.8 41.6 62.4
57 17.8 13.8 20.6

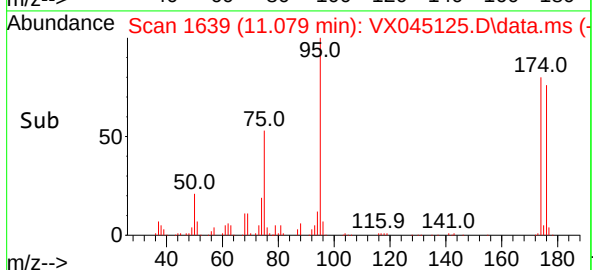
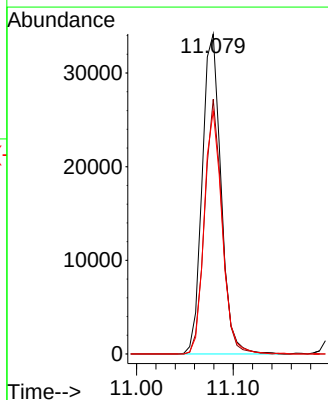
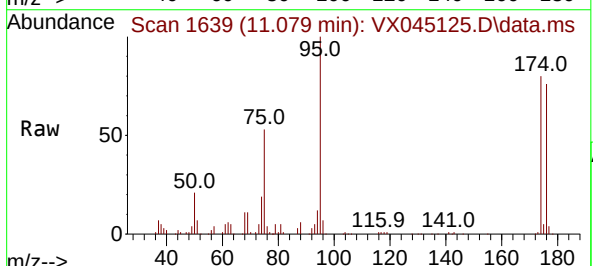
Manual Integrations
APPROVED

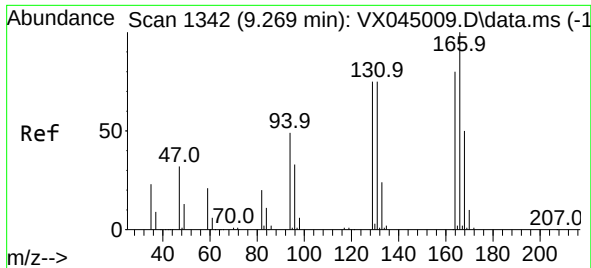
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#60
4-Bromofluorobenzene
Concen: 29.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

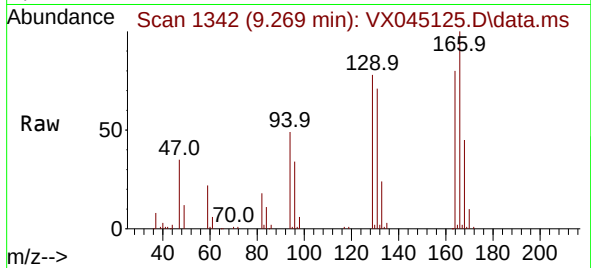
Tgt Ion: 95 Resp: 46160
Ion Ratio Lower Upper
95 100
174 73.8 59.5 89.3
176 72.8 55.5 83.3





#61
Tetrachloroethene
Concen: 20.949 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

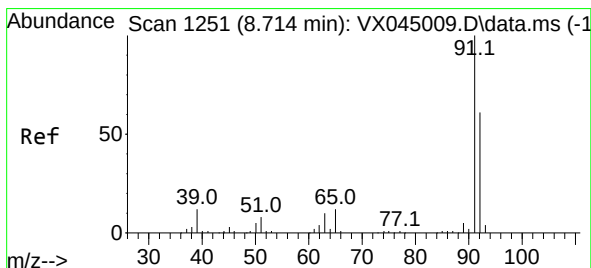
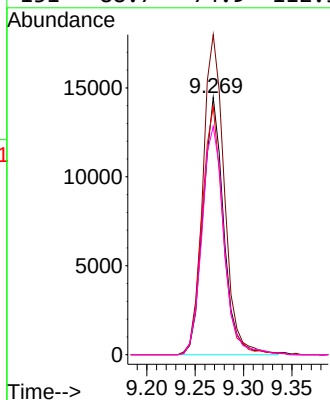
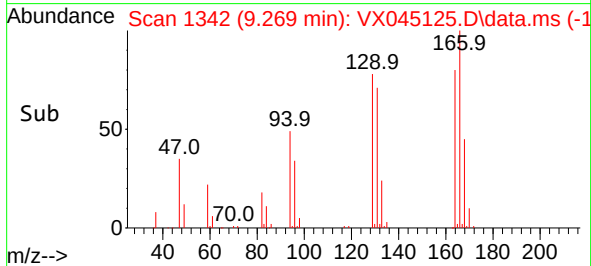
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



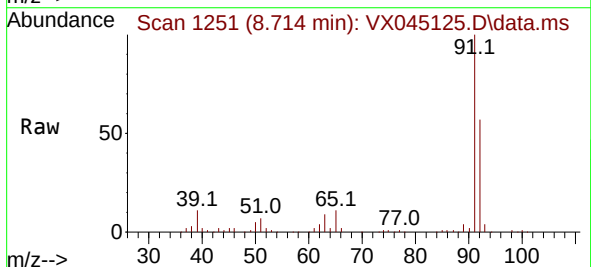
Tgt Ion:164 Resp: 21430
Ion Ratio Lower Upper
164 100
166 124.4 100.3 150.5
129 96.5 75.5 113.3
131 88.7 74.9 112.3

Manual Integrations
APPROVED

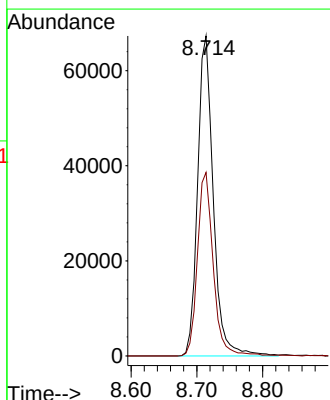
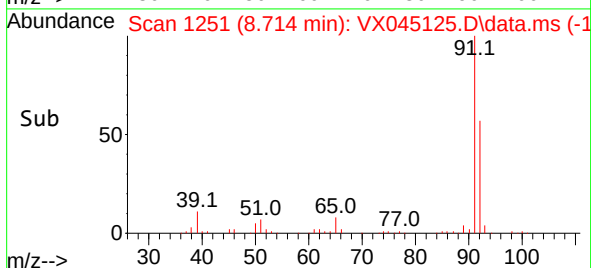
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

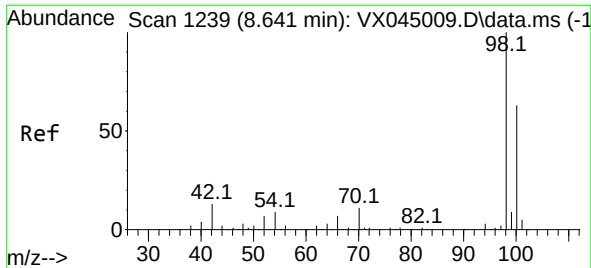


#62
Toluene
Concen: 20.254 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



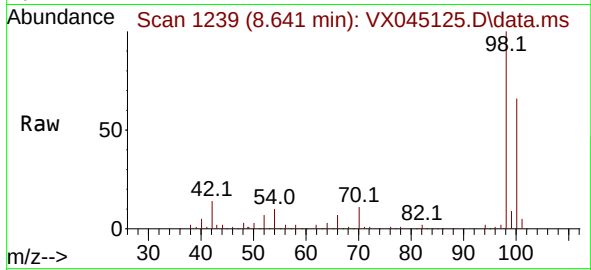
Tgt Ion: 91 Resp: 111462
Ion Ratio Lower Upper
91 100
92 57.4 46.9 70.3





#63
Toluene-d8
Concen: 30.179 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

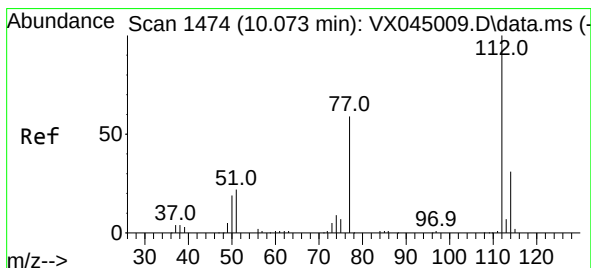
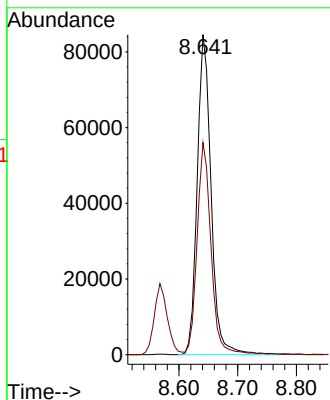
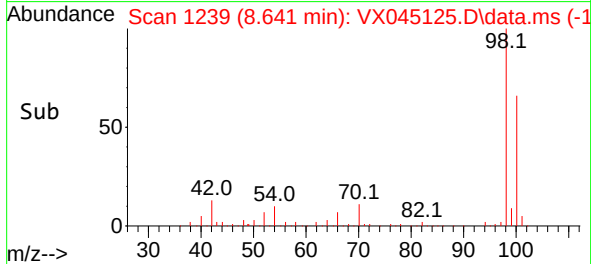
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 138690
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5

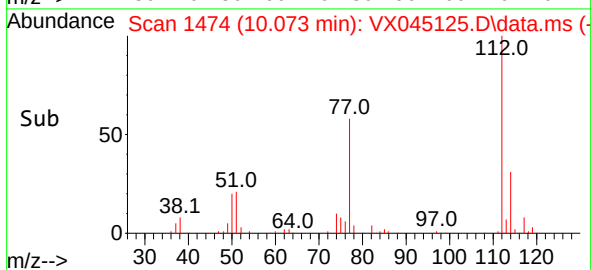
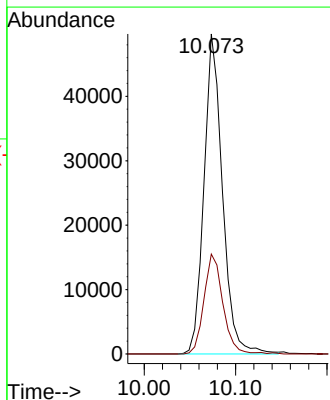
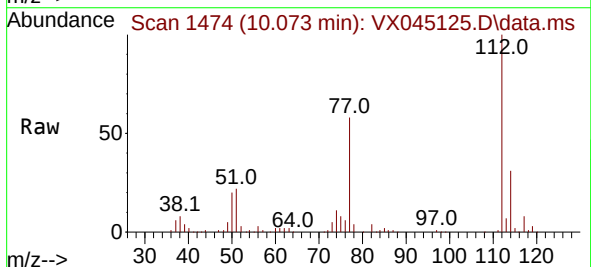
Manual Integrations
APPROVED

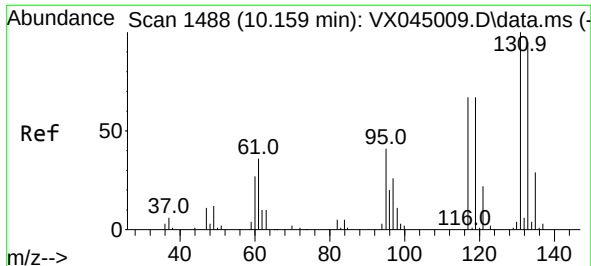
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#64
Chlorobenzene
Concen: 20.412 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

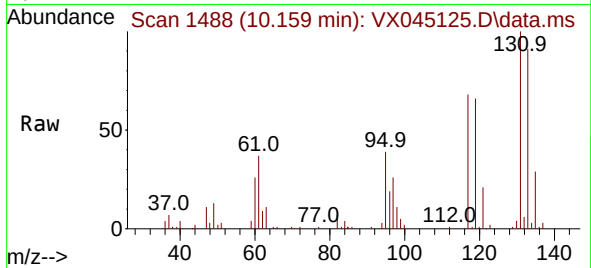
Tgt Ion:112 Resp: 69608
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 20.276 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

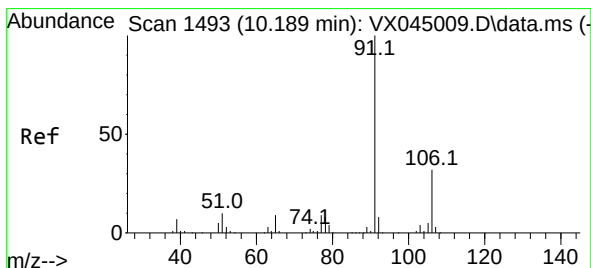
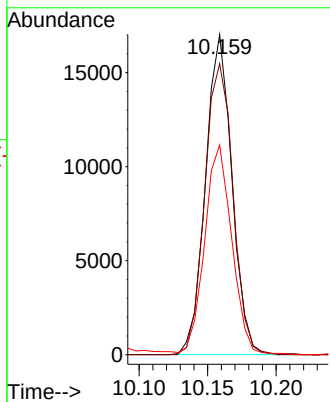
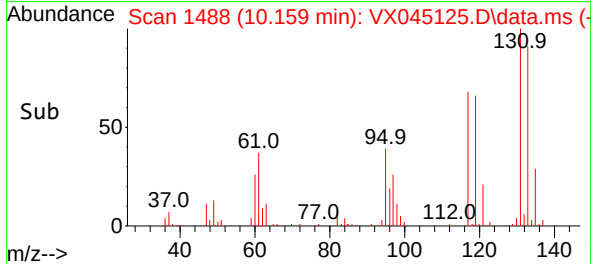
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 22815
Ion Ratio Lower Upper
131 100
133 97.2 0.0 187.8
119 67.6 0.0 133.0

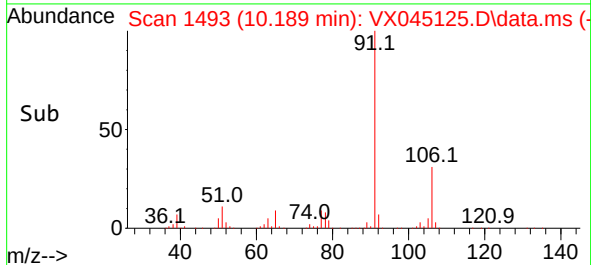
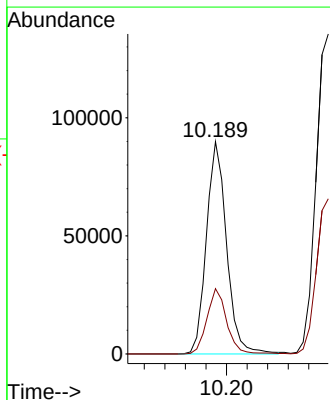
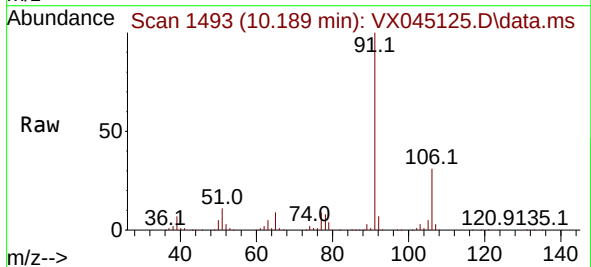
Manual Integrations
APPROVED

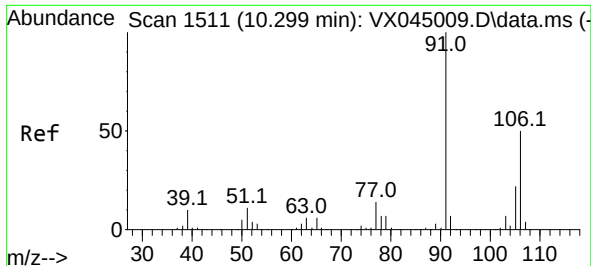
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#66
Ethyl Benzene
Concen: 20.344 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 91 Resp: 122570
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2





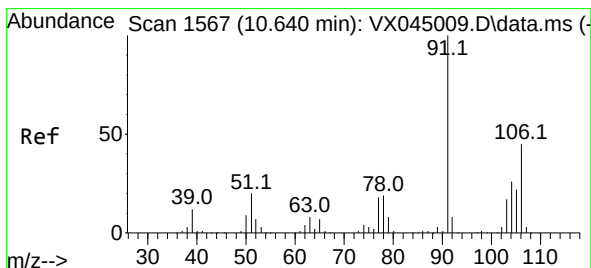
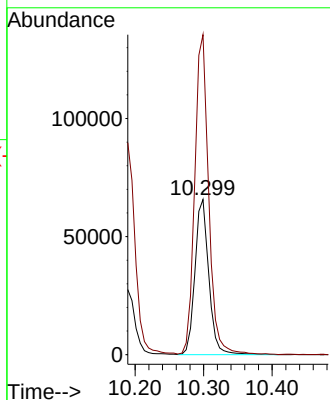
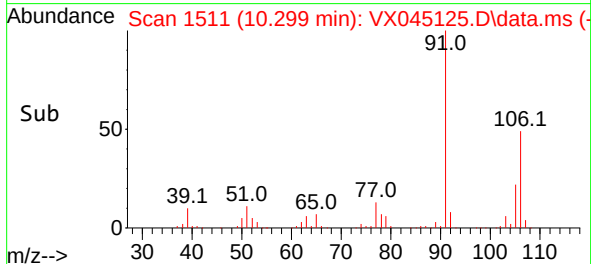
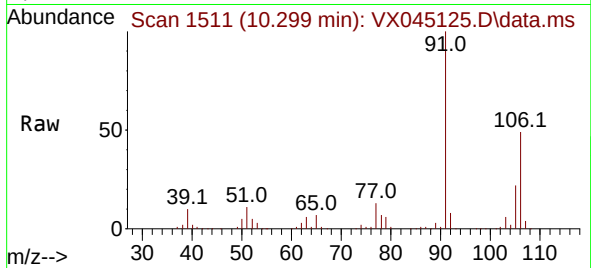
#67
m/p-Xylenes
Concen: 41.249 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 9259
Ion Ratio Lower Upper
106 100
91 207.5 163.7 245.5

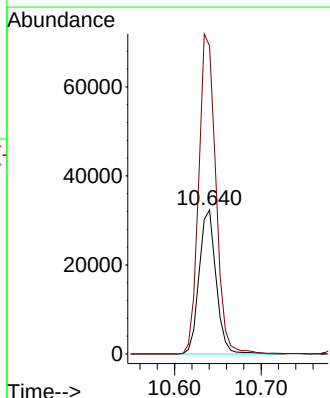
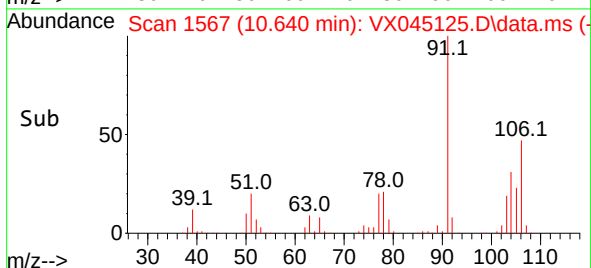
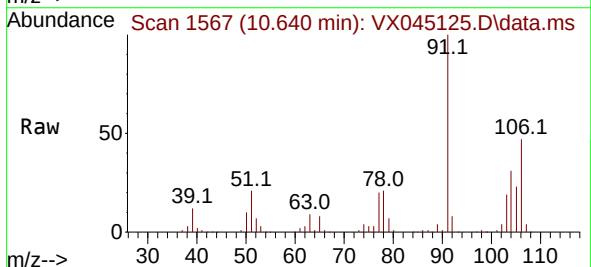
Manual Integrations
APPROVED

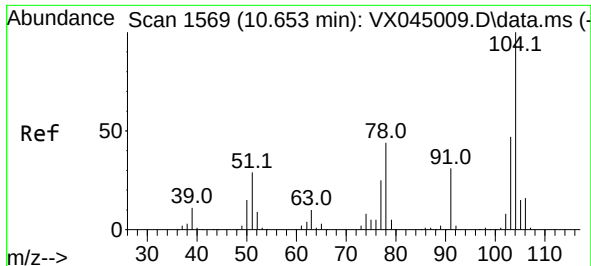
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#68
o-Xylene
Concen: 19.993 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

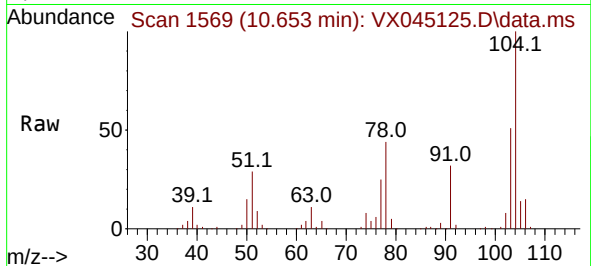
Tgt Ion:106 Resp: 44034
Ion Ratio Lower Upper
106 100
91 224.1 109.7 329.1





#69
Styrene
Concen: 20.383 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

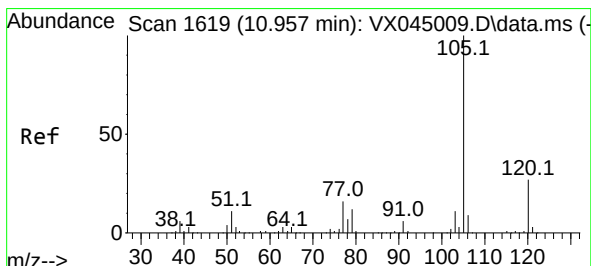
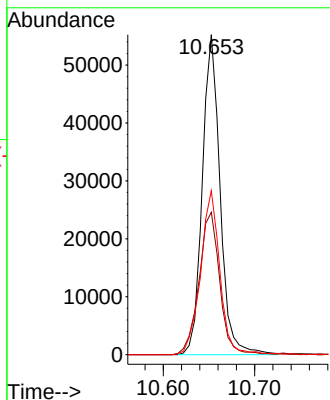
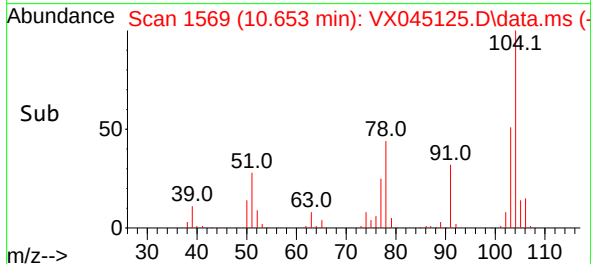
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



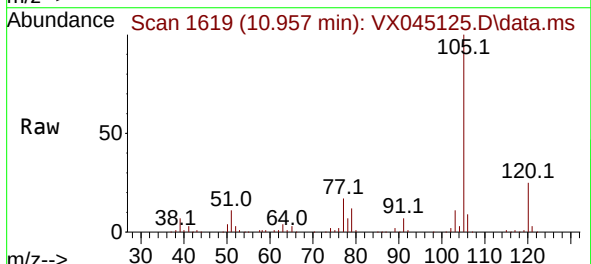
Tgt Ion:104 Resp: 74979
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.0
103 55.3 43.0 64.4

Manual Integrations
APPROVED

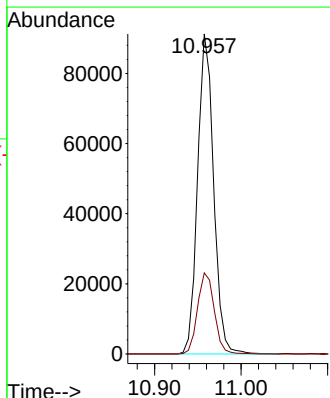
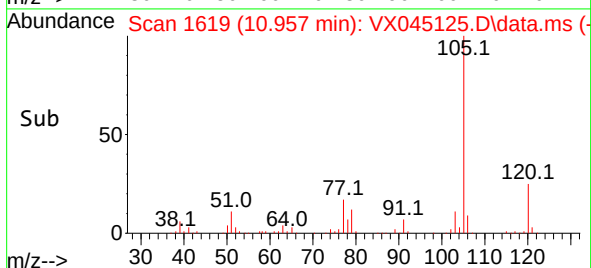
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

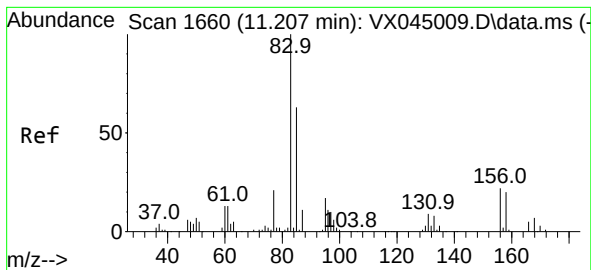


#70
Isopropylbenzene
Concen: 20.623 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion:105 Resp: 117214
Ion Ratio Lower Upper
105 100
120 26.4 18.4 34.2





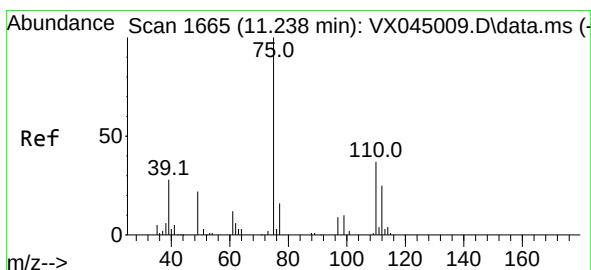
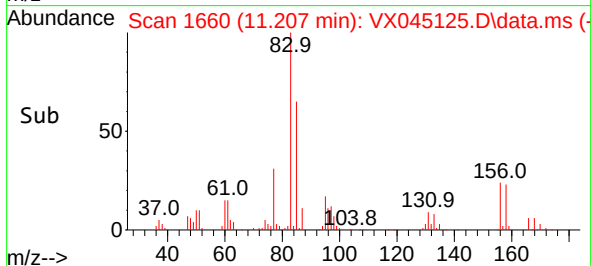
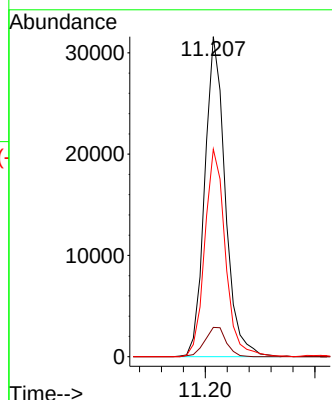
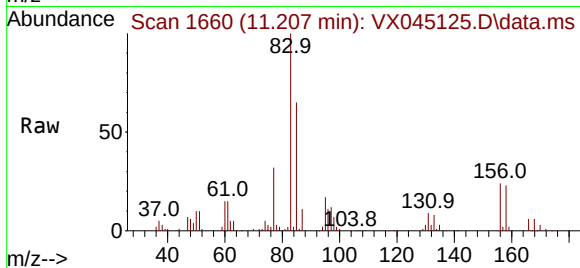
#71
1,1,2,2-Tetrachloroethane
Concen: 21.960 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 41044
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 65.0 32.3 96.8

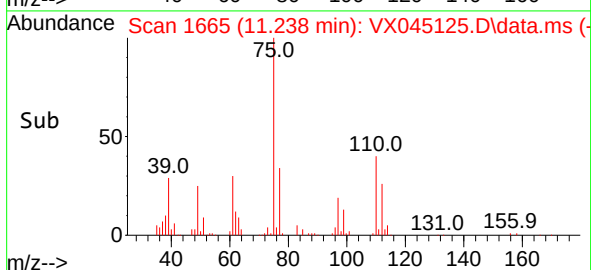
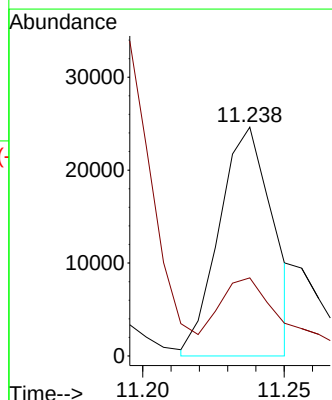
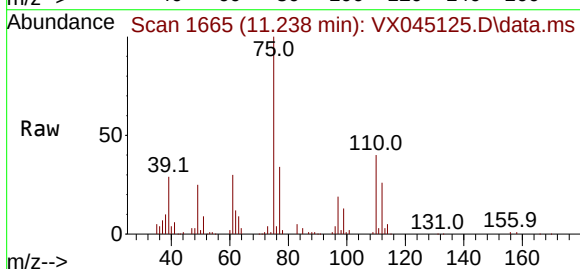
Manual Integrations
APPROVED

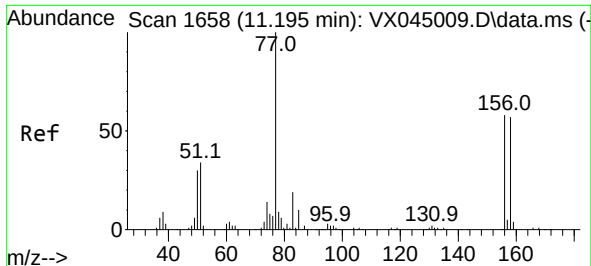
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#72
1,2,3-Trichloropropane
Concen: 21.186 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

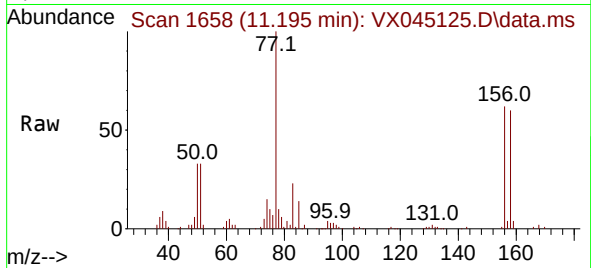
Tgt Ion: 75 Resp: 32568
Ion Ratio Lower Upper
75 100
77 42.4 0.0 84.0





#73
Bromobenzene
Concen: 20.879 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

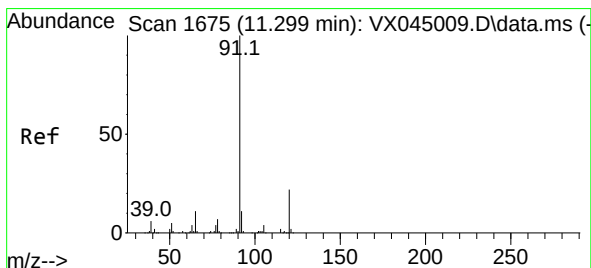
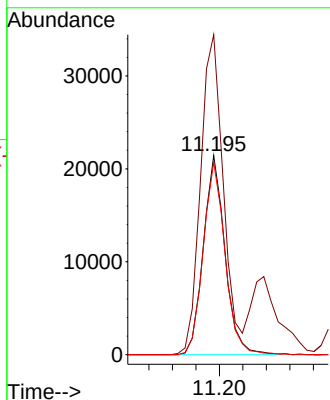
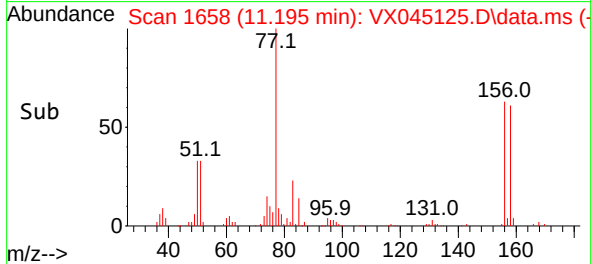
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 27319
Ion Ratio Lower Upper
156 100
77 169.0 0.0 347.2
158 97.8 0.0 197.6

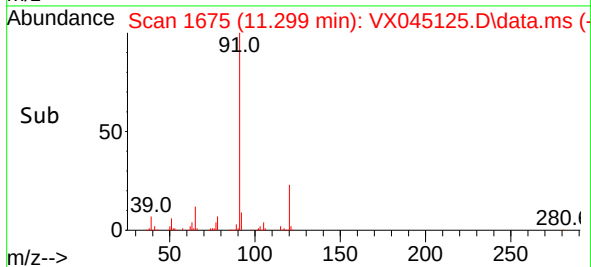
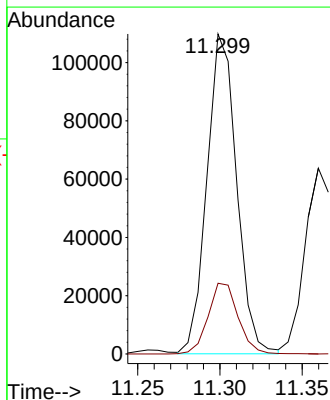
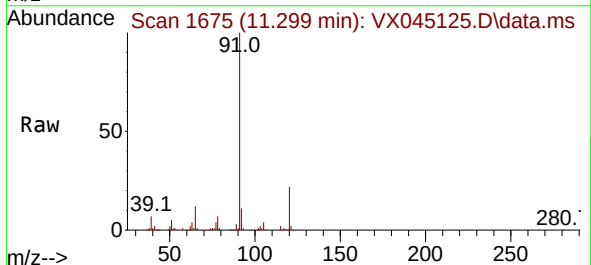
Manual Integrations
APPROVED

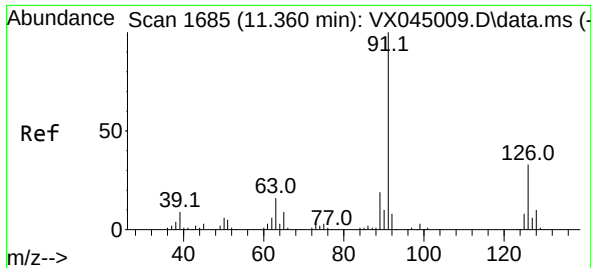
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#74
n-propylbenzene
Concen: 20.392 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 91 Resp: 137923
Ion Ratio Lower Upper
91 100
120 22.4 0.0 44.2





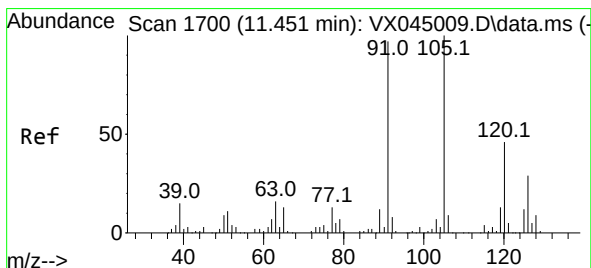
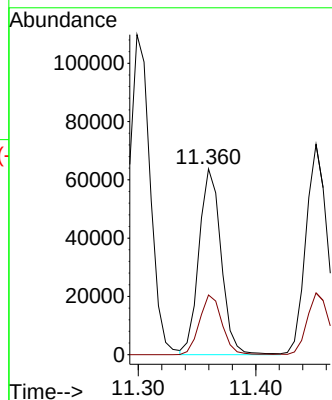
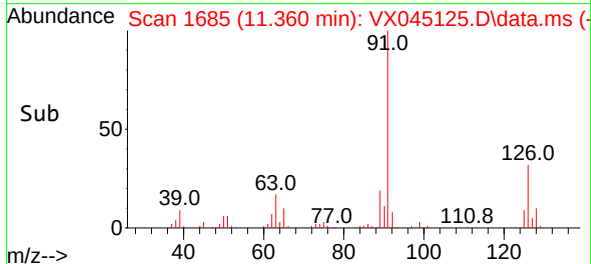
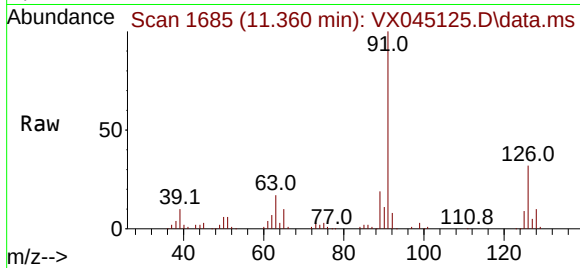
#75
2-Chlorotoluene
Concen: 20.509 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 8386
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4

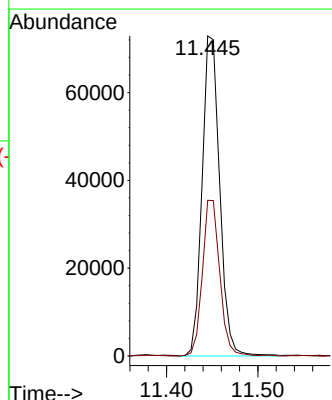
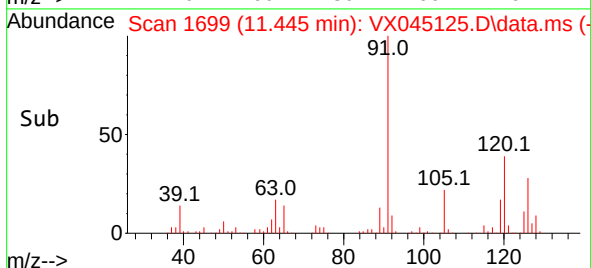
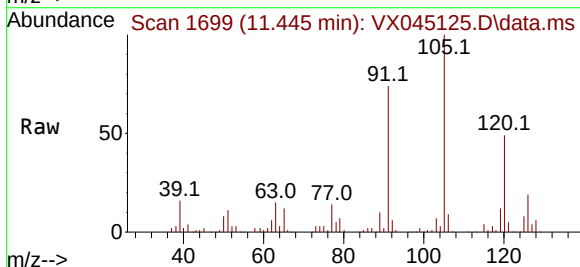
Manual Integrations
APPROVED

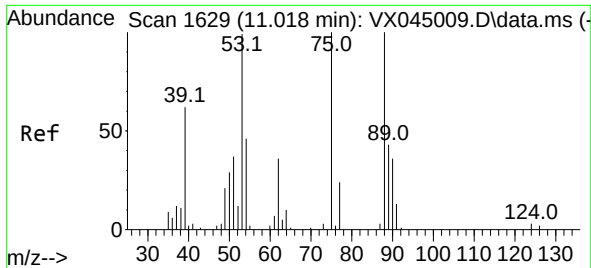
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.767 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion:105 Resp: 97374
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4





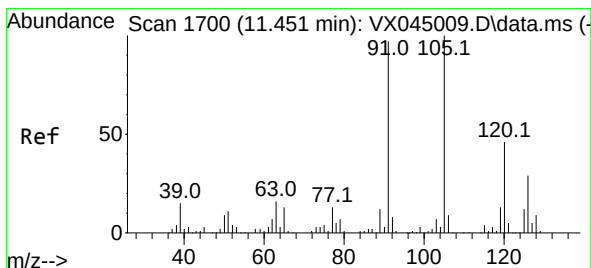
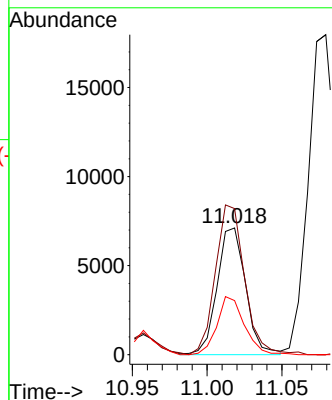
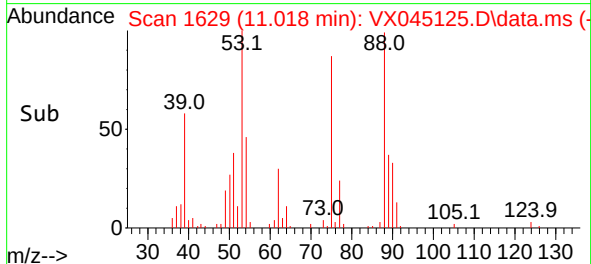
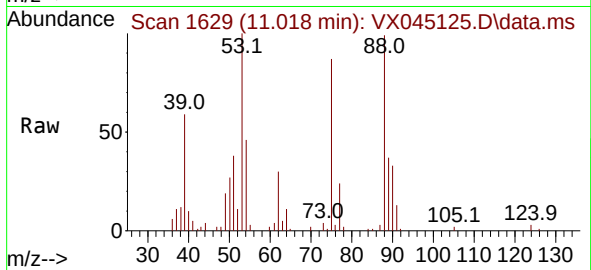
#77
t-1,4-Dichloro-2-butene
Concen: 18.283 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 9450
Ion Ratio Lower Upper
75 100
53 114.8 49.8 149.4
89 43.1 21.4 64.2

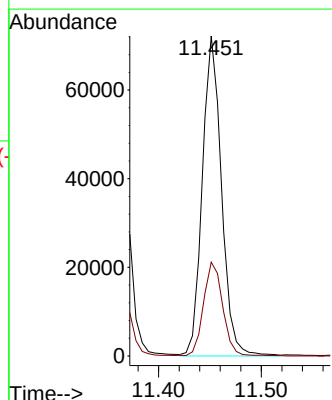
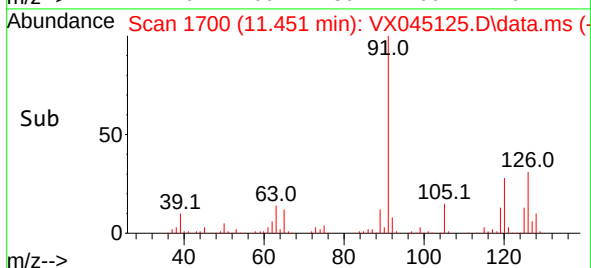
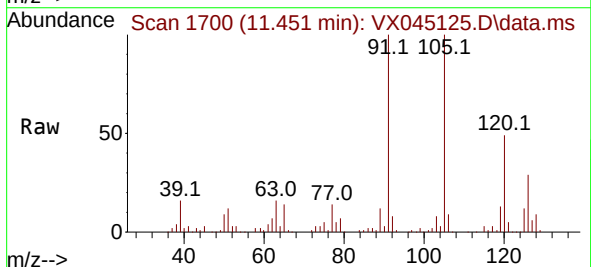
Manual Integrations
APPROVED

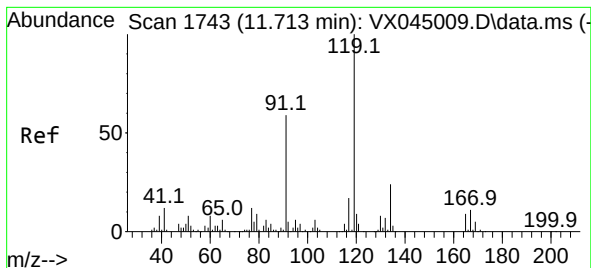
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#78
4-Chlorotoluene
Concen: 20.555 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Tgt Ion: 91 Resp: 93694
Ion Ratio Lower Upper
91 100
126 29.3 0.0 58.0





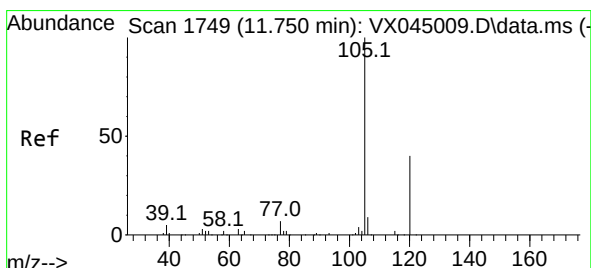
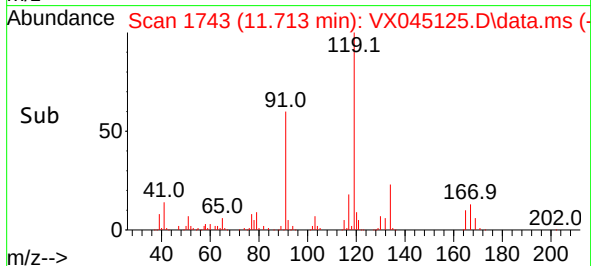
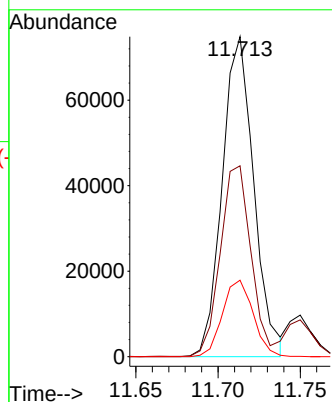
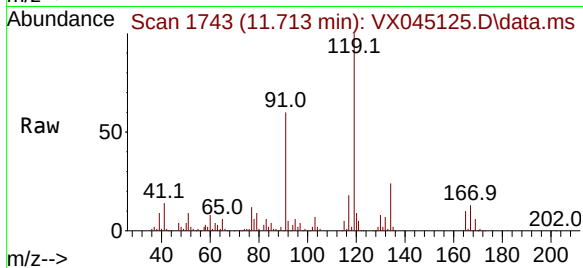
#79
tert-butylbenzene
Concen: 21.155 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 9994
Ion Ratio Lower Upper
119 100
91 57.8 0.0 120.6
134 23.4 0.0 48.2

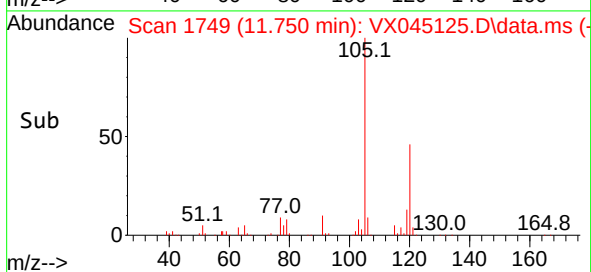
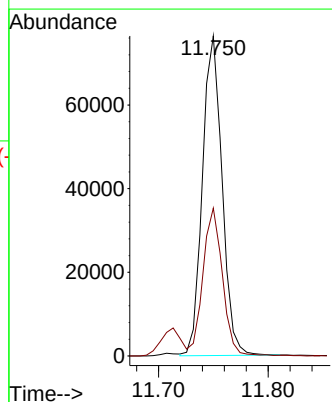
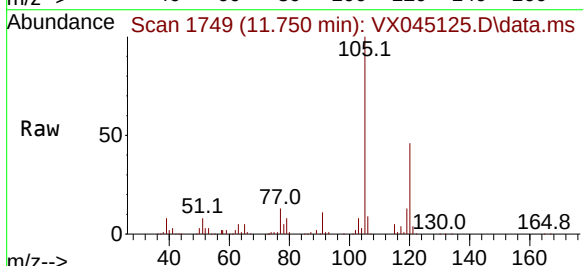
Manual Integrations
APPROVED

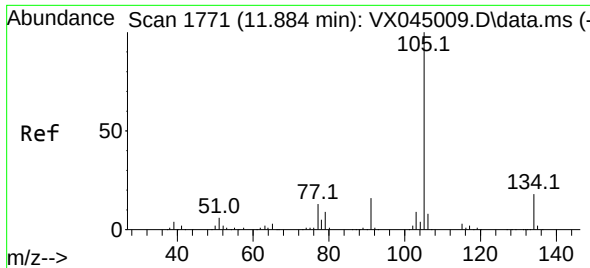
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.180 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

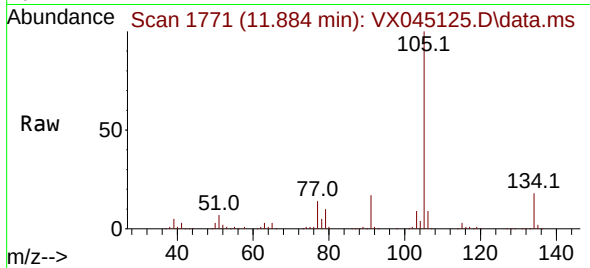
Tgt Ion:105 Resp: 94785
Ion Ratio Lower Upper
105 100
120 46.0 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 20.997 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX045125.D
 Acq: 04 Mar 2025 15:31

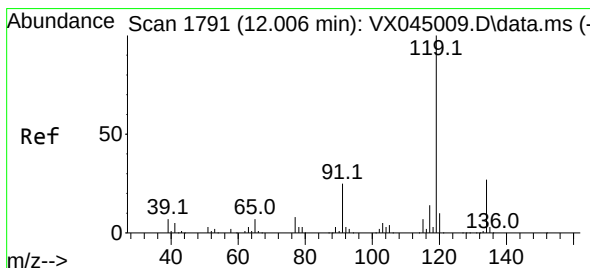
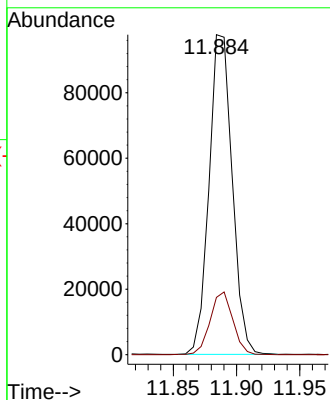
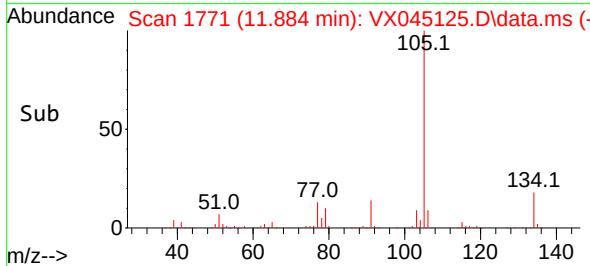
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



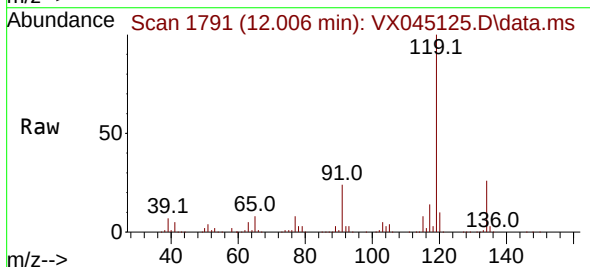
Tgt Ion:105 Resp: 124498
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

Manual Integrations
 APPROVED

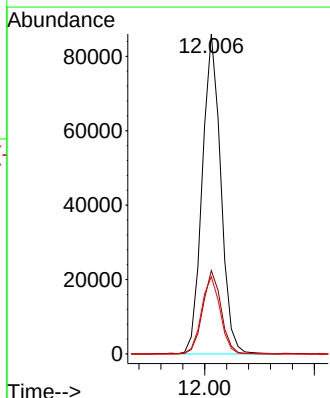
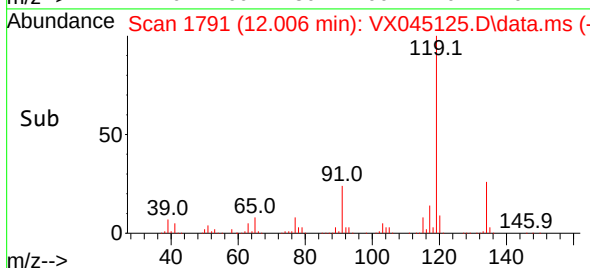
Reviewed By :John Carlone 03/05/2025
 Supervised By :Mahesh Dadoda 03/05/2025

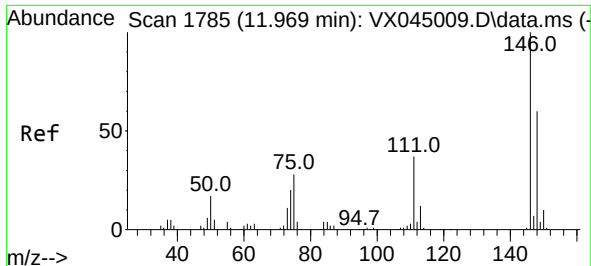


#82
 p-Isopropyltoluene
 Concen: 20.920 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045125.D
 Acq: 04 Mar 2025 15:31



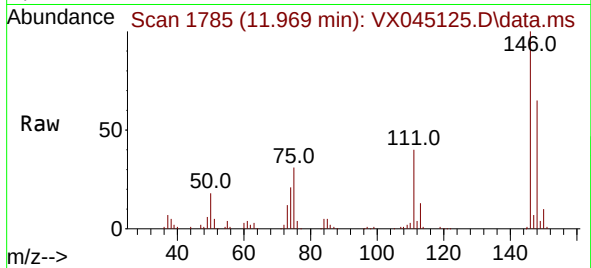
Tgt Ion:119 Resp: 100504
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 24.4 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.516 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

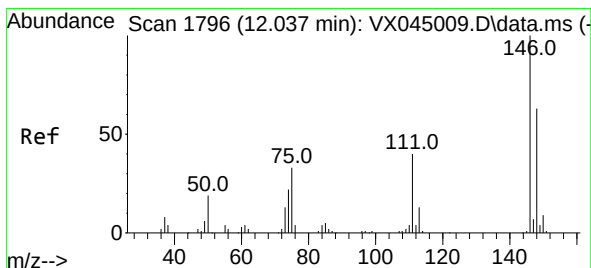
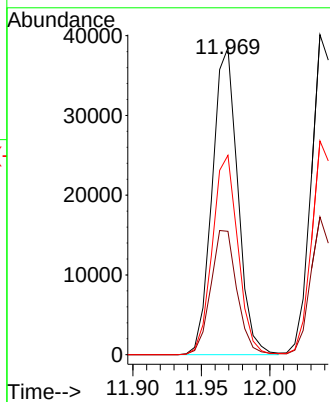
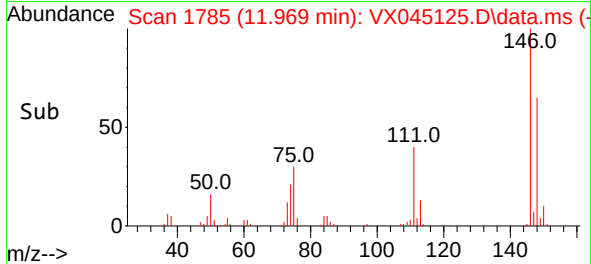
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



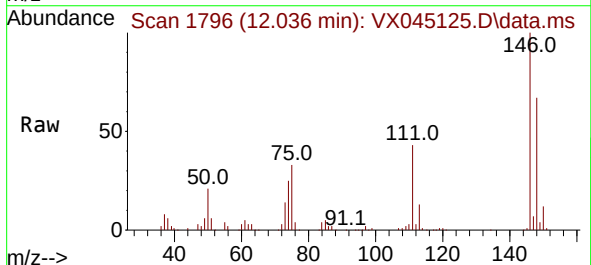
Tgt Ion:146 Resp: 49940
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.5
148 65.0 31.2 93.6

Manual Integrations
APPROVED

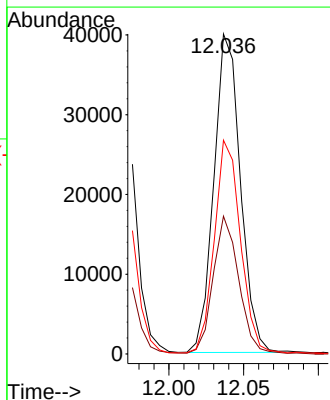
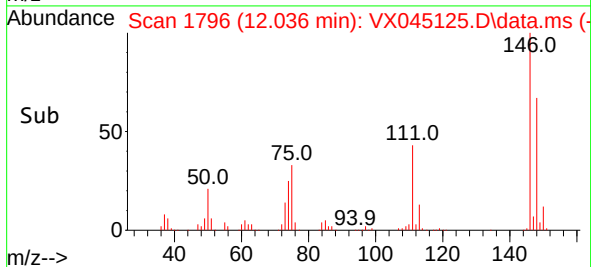
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

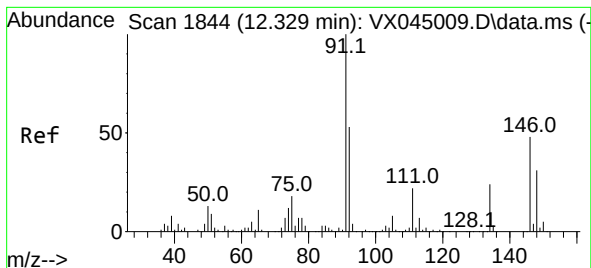


#84
1,4-Dichlorobenzene
Concen: 20.555 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



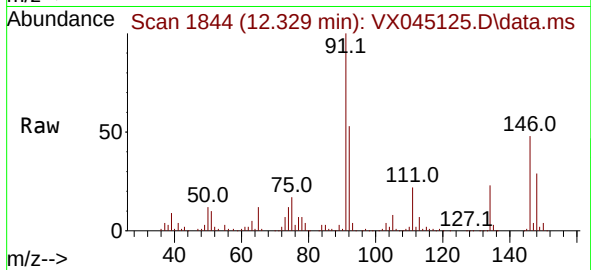
Tgt Ion:146 Resp: 49338
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.2
148 65.7 31.8 95.4





#85
n-Butylbenzene
Concen: 19.983 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

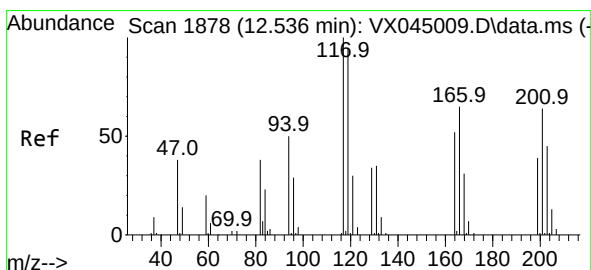
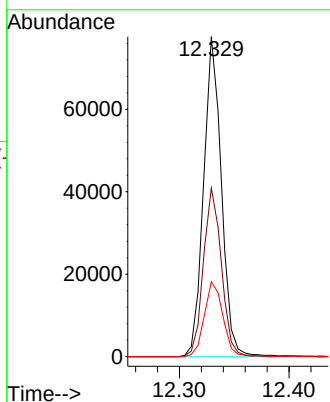
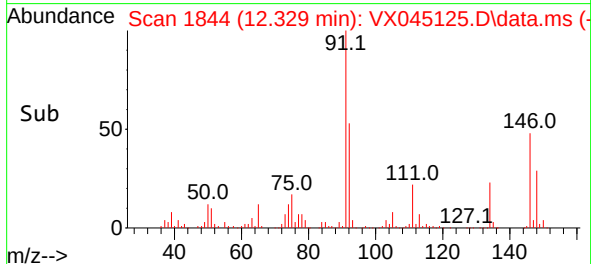
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 87669
Ion Ratio Lower Upper
91 100
92 53.4 0.0 105.2
134 24.4 0.0 49.4

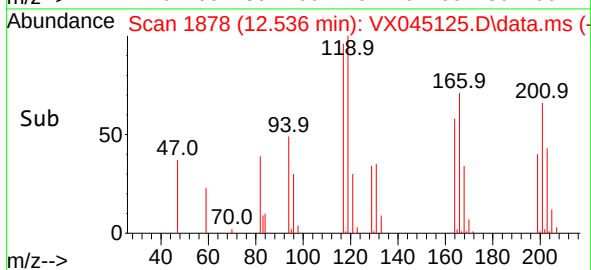
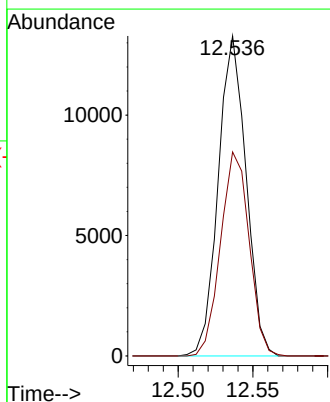
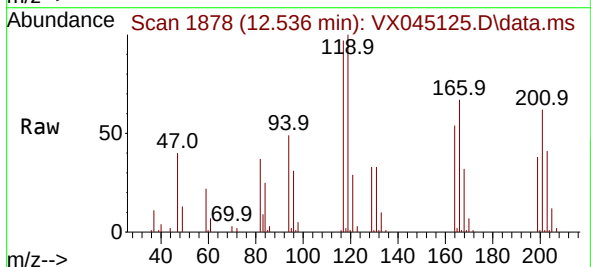
Manual Integrations
APPROVED

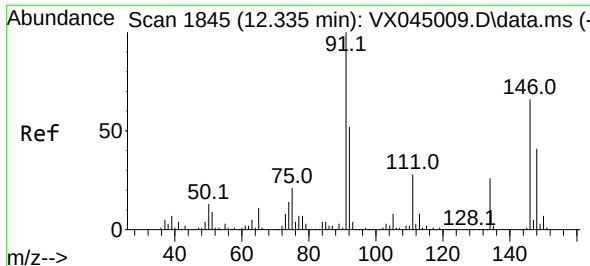
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#86
Hexachloroethane
Concen: 20.305 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

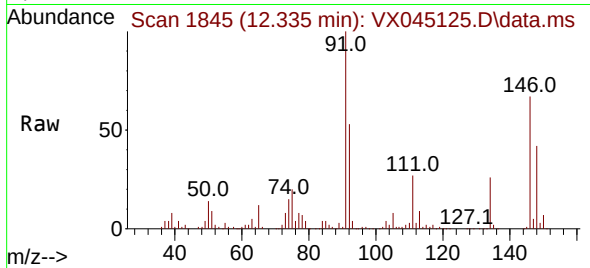
Tgt Ion:117 Resp: 17204
Ion Ratio Lower Upper
117 100
201 65.4 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 21.700 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

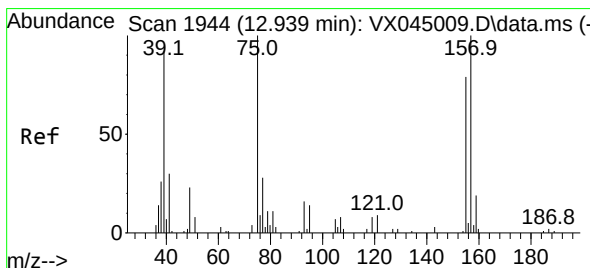
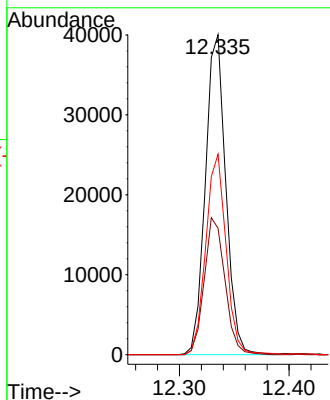
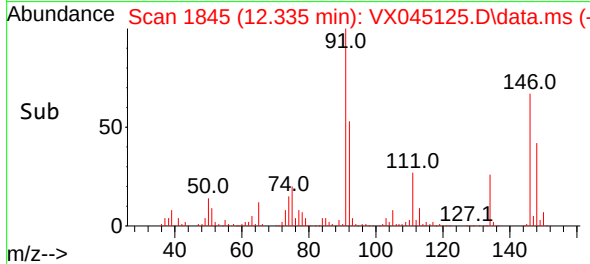
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 51834
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 62.5 31.8 95.4

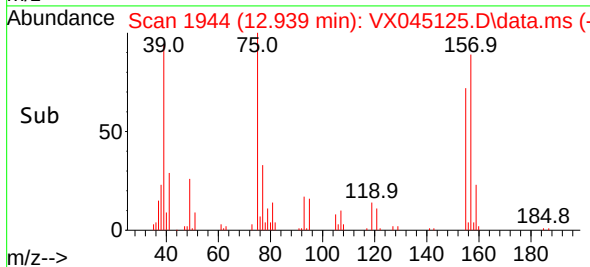
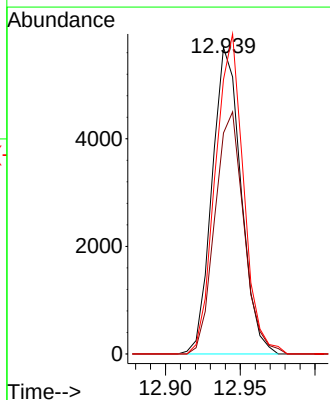
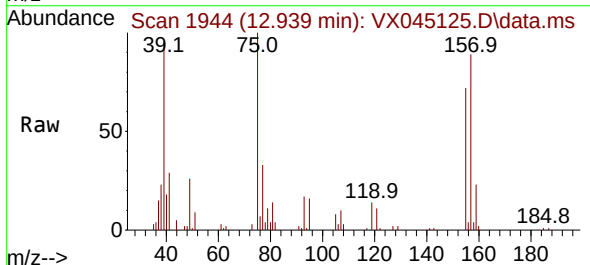
Manual Integrations
APPROVED

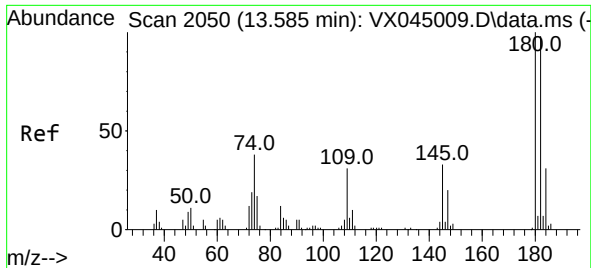
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.196 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

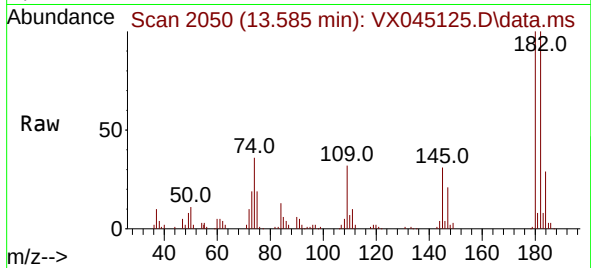
Tgt Ion: 75 Resp: 7670
Ion Ratio Lower Upper
75 100
155 79.3 66.2 99.4
157 101.6 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 20.257 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

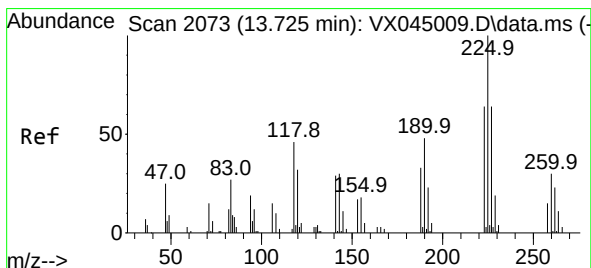
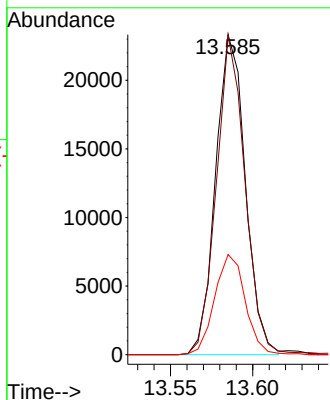
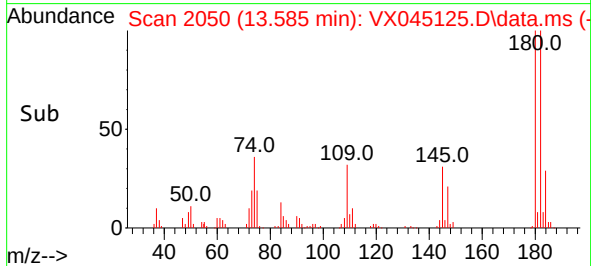
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



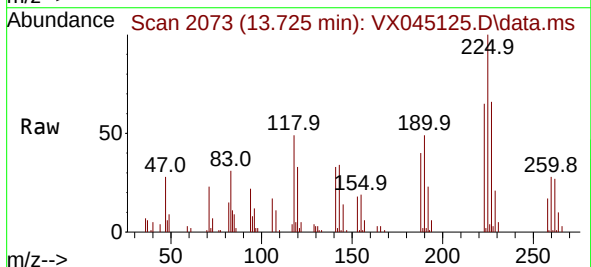
Tgt Ion:180 Resp: 2932
Ion Ratio Lower Upper
180 100
182 96.2 77.7 116.5
145 32.3 25.8 38.6

Manual Integrations
APPROVED

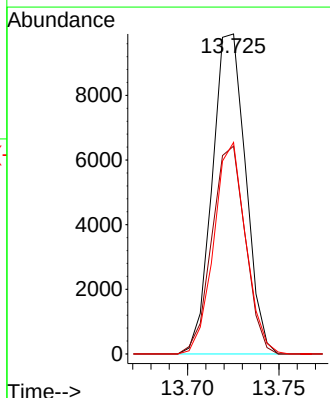
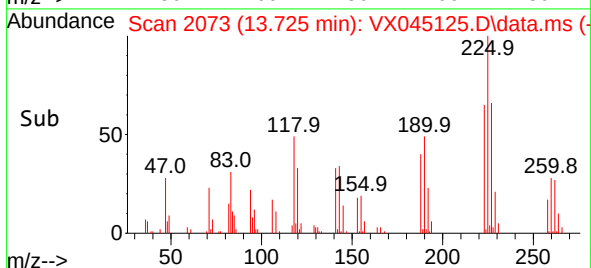
Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025

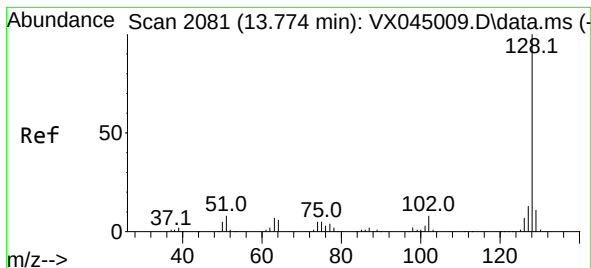


#90
Hexachlorobutadiene
Concen: 21.321 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



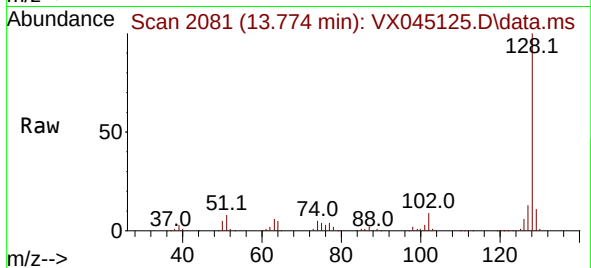
Tgt Ion:225 Resp: 12588
Ion Ratio Lower Upper
225 100
223 65.1 0.0 123.4
227 63.1 0.0 127.4





#91
Naphthalene
Concen: 20.379 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31

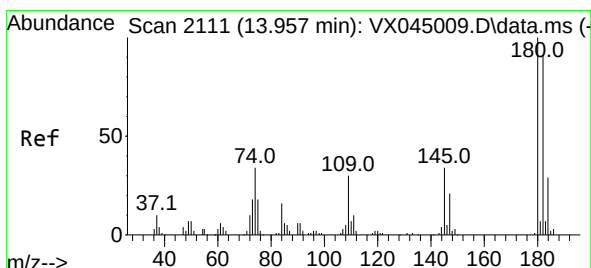
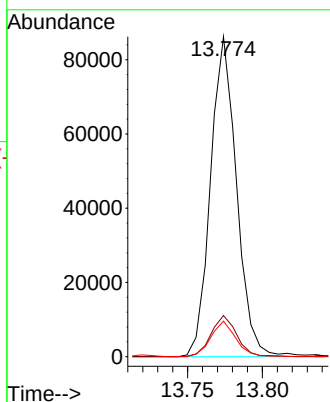
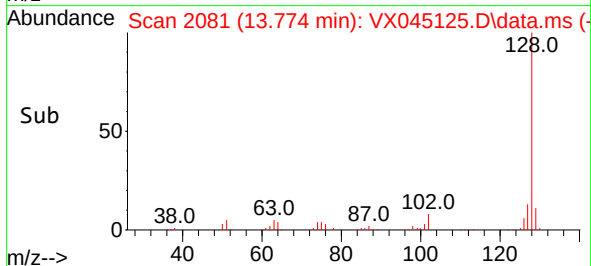
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



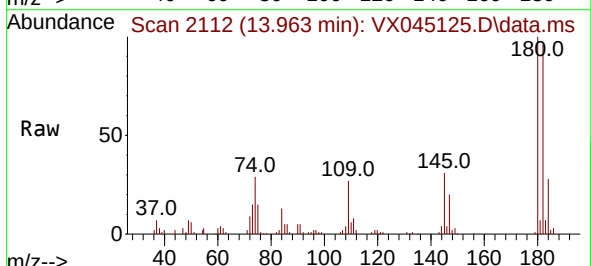
Tgt Ion:128 Resp: 104032
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/05/2025
Supervised By :Mahesh Dadoda 03/05/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.125 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045125.D
Acq: 04 Mar 2025 15:31



Tgt Ion:180 Resp: 29995
Ion Ratio Lower Upper
180 100
182 96.8 0.0 186.6
145 33.9 0.0 68.4

