

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045012.D
 Acq On : 21 Feb 2025 11:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 22 00:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	15390	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	91158	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	81702	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46852	31.344	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.467%			
60) 4-Bromofluorobenzene	11.079	95	47199	30.907	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.033%			
63) Toluene-d8	8.647	98	134852	29.835	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.467%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	205354	158.286	ug/l	96
3) Chloromethane	1.295	50	242022	155.752	ug/l	100
4) Vinyl Chloride	1.374	62	240390	160.323	ug/l	100
5) Bromomethane	1.593	94	81221	155.617	ug/l	97
6) Chloroethane	1.660	64	93284	114.868	ug/l	97
7) Trichlorofluoromethane	1.868	101	320914	159.243	ug/l	97
8) Diethyl Ether	2.130	74	121707	159.619	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	191867	160.302	ug/l	98
10) 1,1-Dichloroethene	2.307	96	191658	163.938	ug/l	90
11) Methyl Iodide	2.447	142	247014	186.677	ug/l	97
12) Methyl Acetate	2.703	43	226419	166.780	ug/l	99
13) Acrolein	2.233	56	233841	859.331	ug/l	99
14) Acrylonitrile	3.062	53	532462	802.955	ug/l	99
15) Acetone	2.386	58	137785	757.609	ug/l	98
16) Carbon Disulfide	2.502	76	548971	165.547	ug/l	99
17) Allyl chloride	2.654	41	362889	165.958	ug/l	100
18) Methylene Chloride	2.782	84	211221	160.628	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	192443	162.701	ug/l	97
20) Diisopropyl ether	3.757	45	684590	162.921	ug/l #	84
21) 1,1-Dichloroethane	3.599	63	379249	162.287	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	230636	162.719	ug/l	98
23) tert-Butyl Alcohol	3.014	59	185225m	799.131	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	628626	164.746	ug/l	100
25) Chloroform	5.087	83	367141	162.652	ug/l	100
26) Cyclohexane	5.464	56	351233	162.829	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	260684	155.458	ug/l	99
30) 2-Butanone	4.550	43	735492	759.373	ug/l	100
31) 2,2-Dichloropropane	4.465	77	304225	160.447	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	316595	155.824	ug/l	99
33) Carbon Tetrachloride	5.672	117	264905	154.492	ug/l	98
34) Benzene	6.031	78	800159	152.163	ug/l	99
35) Methacrylonitrile	4.916	41	162761	157.037	ug/l	96
36) 1,2-Dichloroethane	6.080	62	276707	153.695	ug/l	97
37) Trichloroethene	7.117	130	189307	153.878	ug/l	96
38) Methylcyclohexane	7.373	83	350907	155.851	ug/l	98
39) 1,2-Dichloropropane	7.421	63	202146	154.621	ug/l	98
40) Dibromomethane	7.574	93	143641	153.109	ug/l	99
41) Bromodichloromethane	7.818	83	291108	156.122	ug/l	99
42) Vinyl Acetate	3.715	43	2988086	795.020	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045012.D
 Acq On : 21 Feb 2025 11:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 00:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	292788	161.195	ug/l	97
44) Isopropyl Acetate	6.336	43	490033	163.920	ug/l	99
45) 1,4-Dioxane	7.665	88	91297	2937.775	ug/l	98
46) Methyl methacrylate	7.690	41	241575	164.798	ug/l	97
47) n-amyl Acetate	10.842	43	438261	168.943	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	303740	169.001	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	331118	162.750	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	183455	149.917	ug/l	95
51) Ethyl methacrylate	9.116	69	323054	167.857	ug/l	100
52) 1,3-Dichloropropane	9.305	76	327551	152.762	ug/l	99
53) Dibromochloromethane	9.519	129	213326	157.620	ug/l	97
54) 1,2-Dibromoethane	9.604	107	194634	156.632	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	788934	798.256	ug/l	99
56) Bromoform	10.799	173	140224	165.340	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	1431130	770.025	ug/l	99
59) 2-Hexanone	9.433	43	1054503	784.964	ug/l	99
61) Tetrachloroethene	9.269	164	149808	148.903	ug/l	95
62) Toluene	8.714	91	824606	152.359	ug/l	100
64) Chlorobenzene	10.073	112	513552	153.126	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	175139	158.260	ug/l	98
66) Ethyl Benzene	10.189	91	933862	157.604	ug/l	97
67) m/p-Xylenes	10.299	106	679028	307.573	ug/l	97
68) o-Xylene	10.640	106	333410	153.922	ug/l	98
69) Styrene	10.653	104	566072	156.470	ug/l	97
70) Isopropylbenzene	10.957	105	868382	155.350	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	283733	154.359	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	234613m	155.182	ug/l	
73) Bromobenzene	11.195	156	198360	154.147	ug/l	96
74) n-propylbenzene	11.299	91	1049645	157.793	ug/l	98
75) 2-Chlorotoluene	11.360	91	619308	153.997	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	707908	153.508	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	97507	191.694	ug/l	99
78) 4-Chlorotoluene	11.451	91	704032	157.047	ug/l	98
79) tert-butylbenzene	11.713	119	716064	154.110	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	710215	153.746	ug/l	100
81) sec-Butylbenzene	11.890	105	910294	156.100	ug/l	100
82) p-Isopropyltoluene	12.006	119	738494	156.297	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	371922	155.340	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	366532	155.264	ug/l	99
85) n-Butylbenzene	12.329	91	710846	164.749	ug/l	98
86) Hexachloroethane	12.536	117	142372	170.855	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	356347	151.688	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	59310	166.653	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	238129	167.248	ug/l	98
90) Hexachlorobutadiene	13.725	225	90085	155.145	ug/l	98
91) Naphthalene	13.774	128	829698	165.262	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	236181	161.124	ug/l	99

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

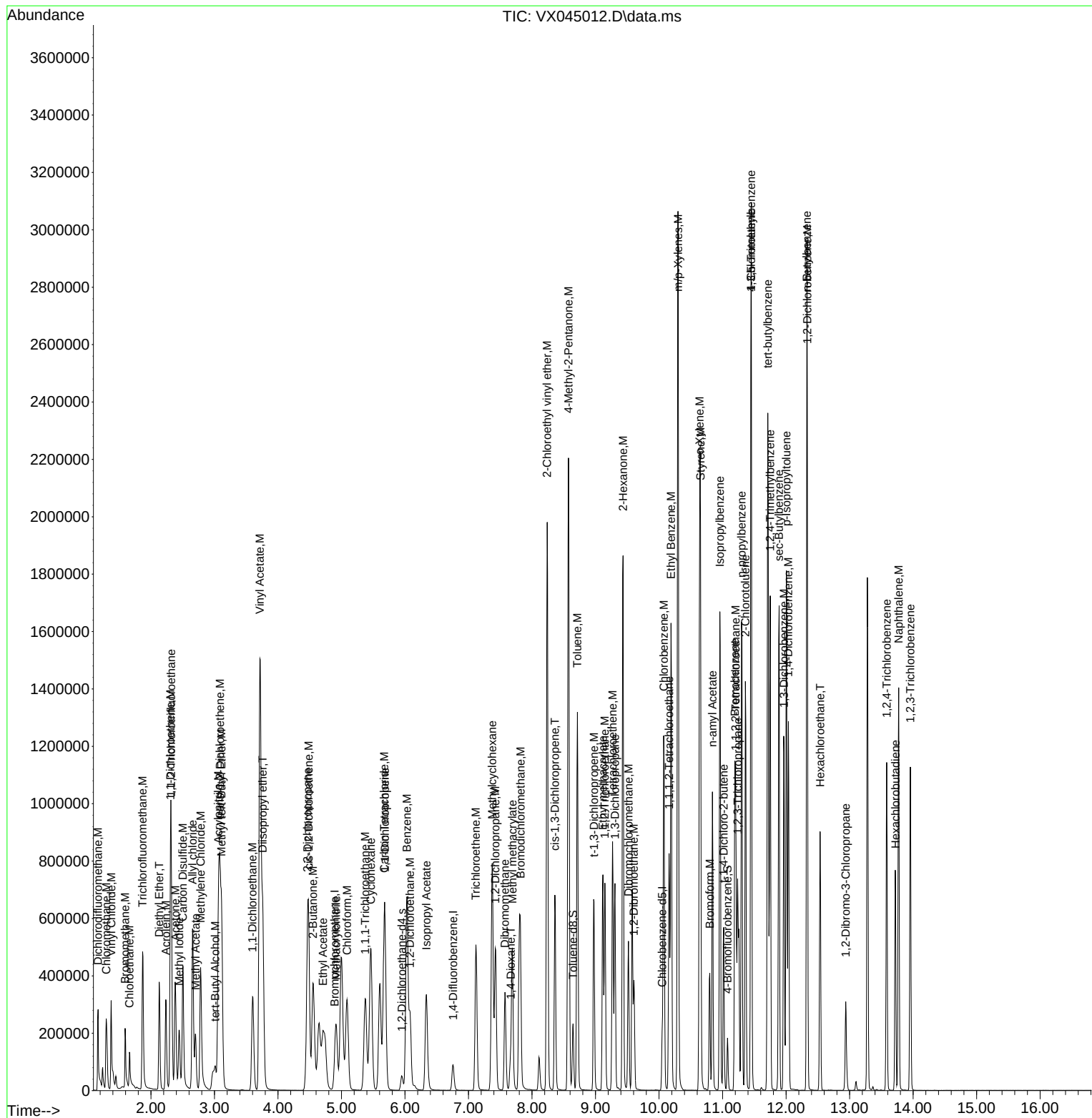
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
Data File : VX045012.D
Acq On : 21 Feb 2025 11:29
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

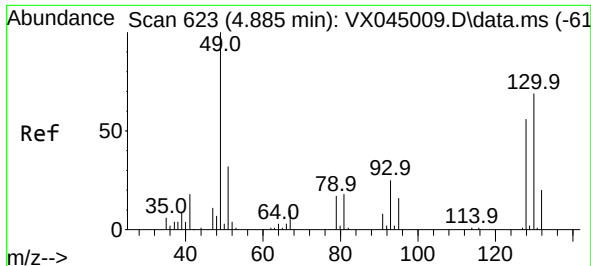
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

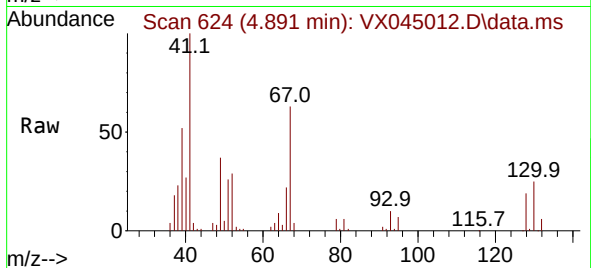
Quant Time: Feb 22 00:49:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:21:26 2025
Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.891 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

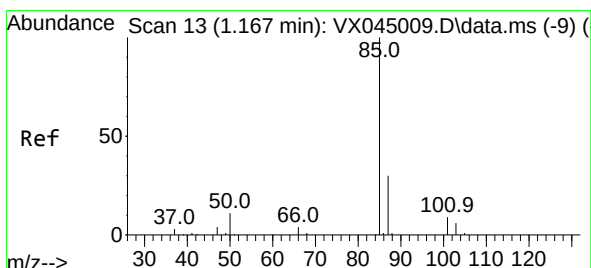
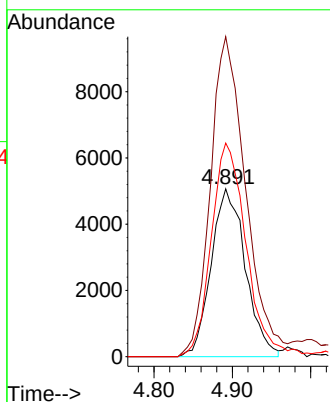
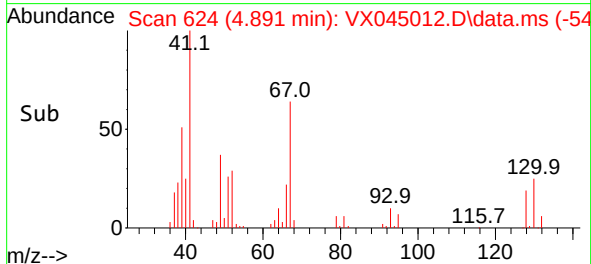
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



Tgt Ion:128 Resp: 15390
 Ion Ratio Lower Upper
 128 100
 49 196.5 0.0 449.7
 130 128.8 0.0 312.7

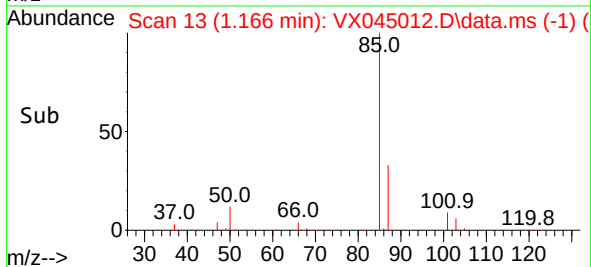
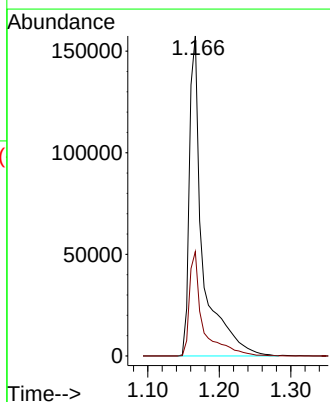
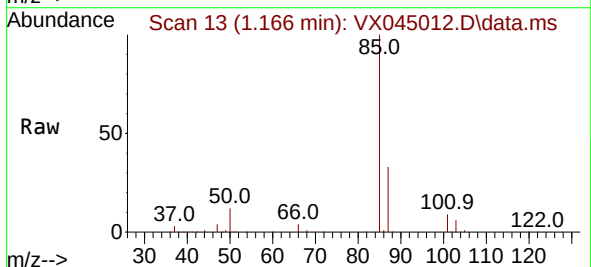
Manual Integrations
 APPROVED

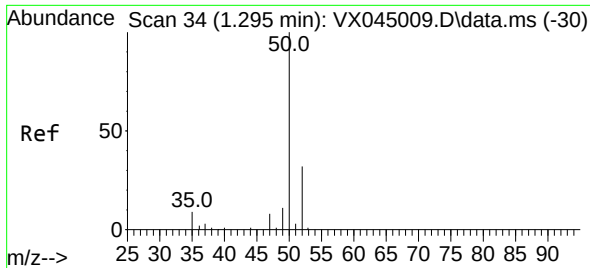
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#2
 Dichlorodifluoromethane
 Concen: 158.286 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

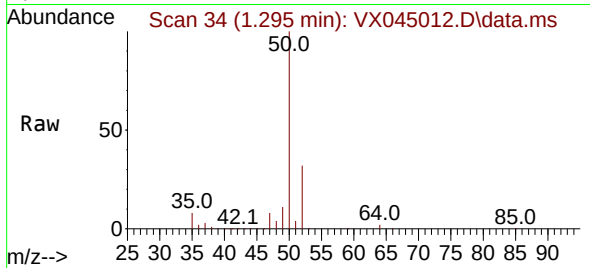
Tgt Ion: 85 Resp: 205354
 Ion Ratio Lower Upper
 85 100
 87 32.6 15.1 45.3





#3
Chloromethane
Concen: 155.752 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

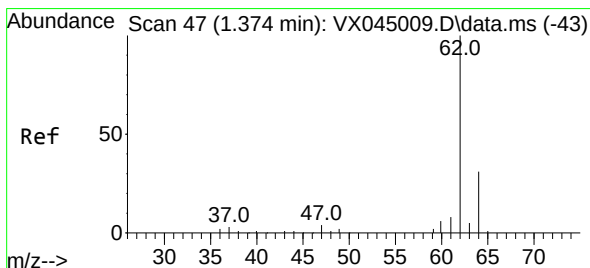
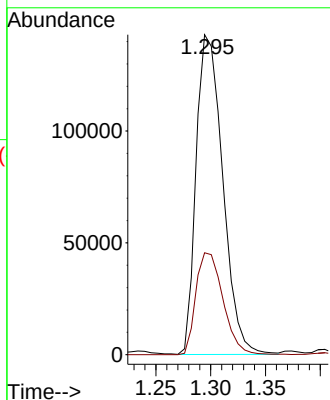
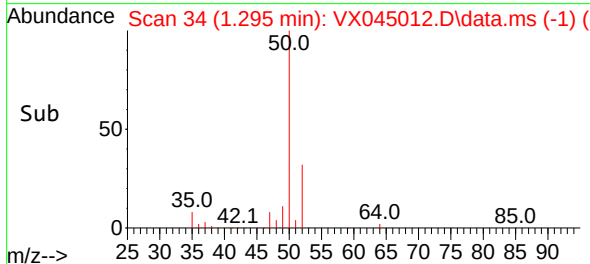
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 24202
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5

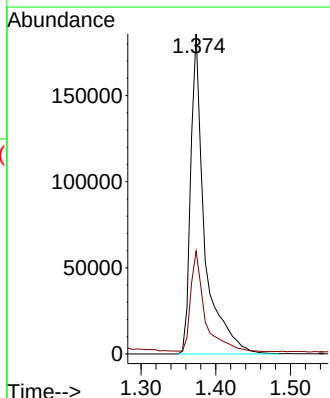
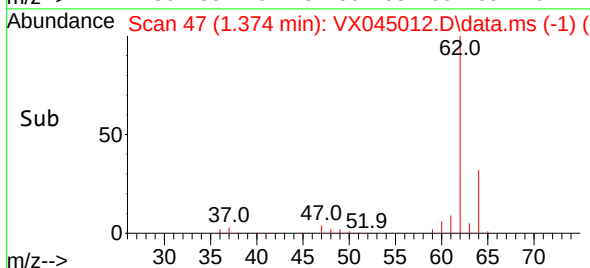
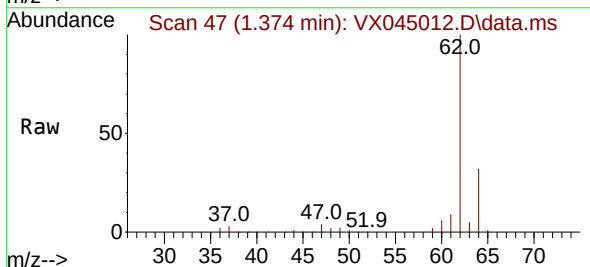
Manual Integrations
APPROVED

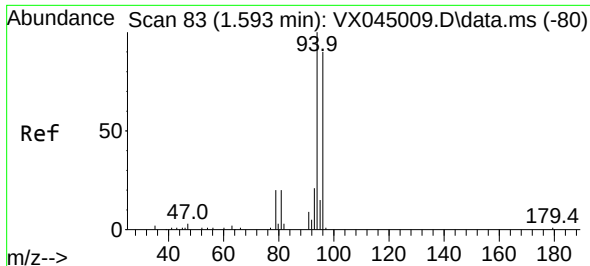
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 160.323 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

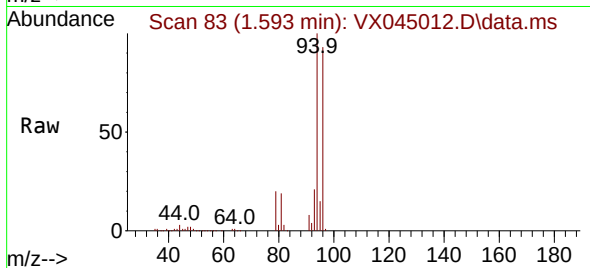
Tgt Ion: 62 Resp: 240390
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 155.617 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

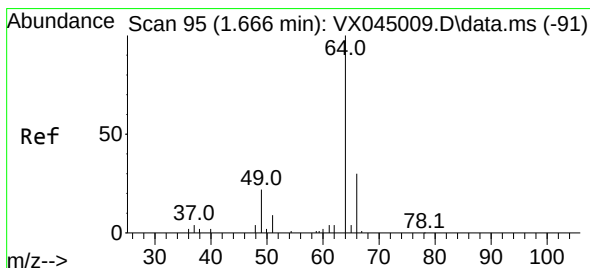
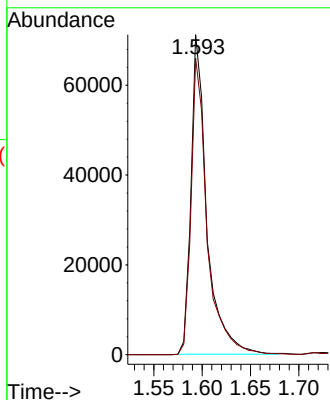
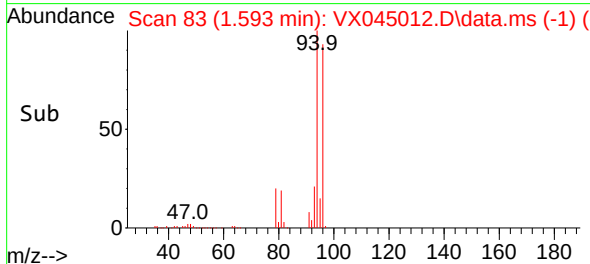
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



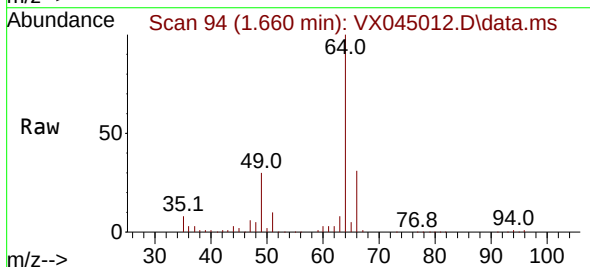
Tgt Ion: 94 Resp: 8122
Ion Ratio Lower Upper
94 100
96 92.7 72.2 108.4

Manual Integrations
APPROVED

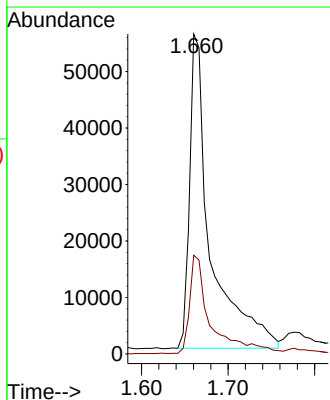
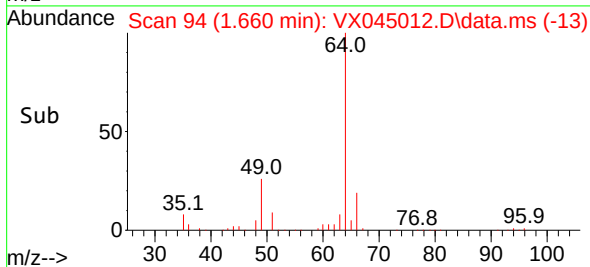
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

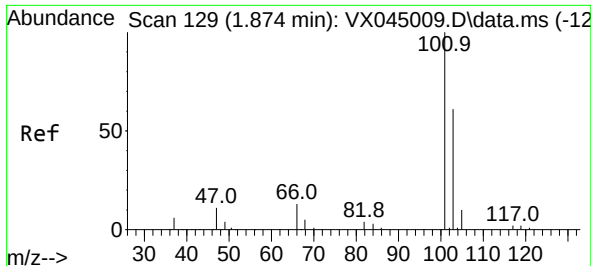


#6
Chloroethane
Concen: 114.868 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



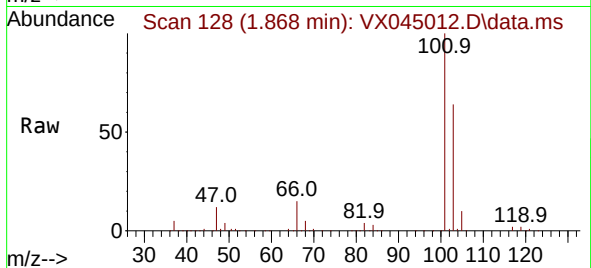
Tgt Ion: 64 Resp: 93284
Ion Ratio Lower Upper
64 100
66 31.3 23.7 35.5





#7
 Trichlorofluoromethane
 Concen: 159.243 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

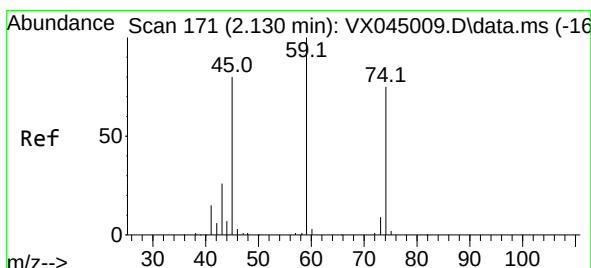
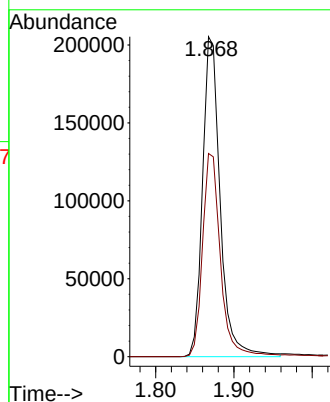
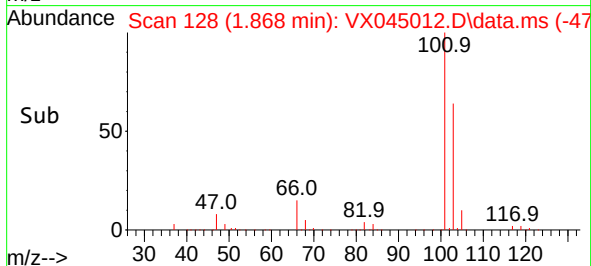
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 320914
 Ion Ratio Lower Upper
 101 100
 103 63.5 48.8 73.2

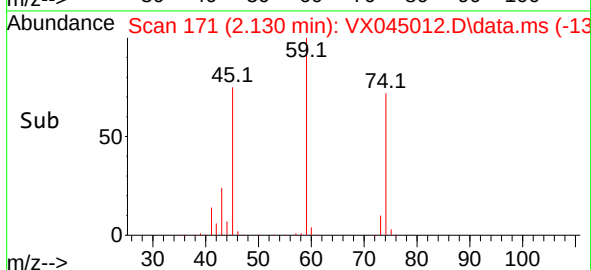
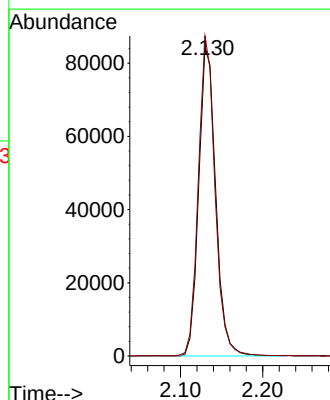
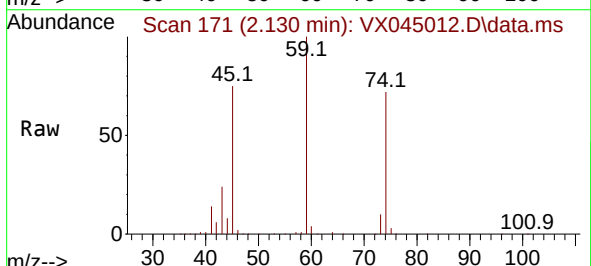
Manual Integrations
 APPROVED

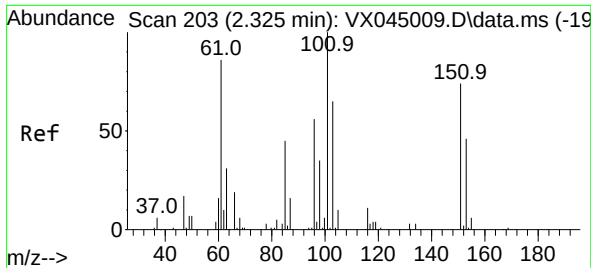
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#8
 Diethyl Ether
 Concen: 159.619 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

Tgt Ion: 74 Resp: 121707
 Ion Ratio Lower Upper
 74 100
 45 101.0 20.8 186.8





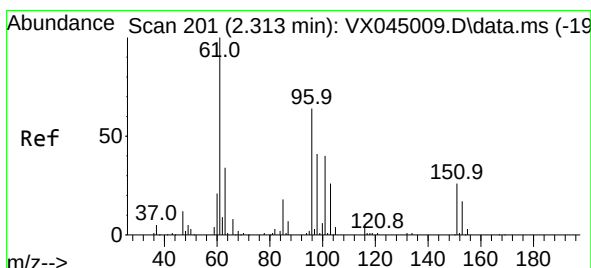
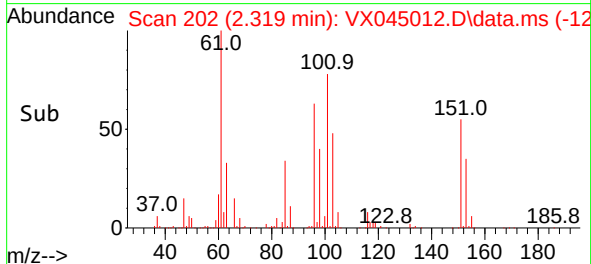
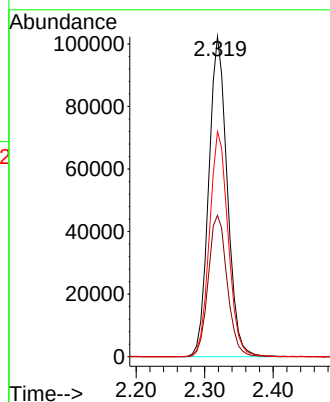
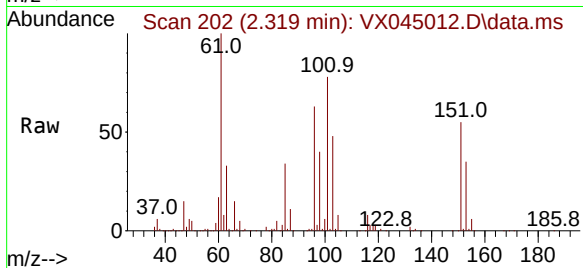
#9
1,1,2-Trichlorotrifluoroethane
Concen: 160.302 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 19186
Ion Ratio Lower Upper
101 100
85 45.2 0.0 90.6
151 71.0 0.0 147.6

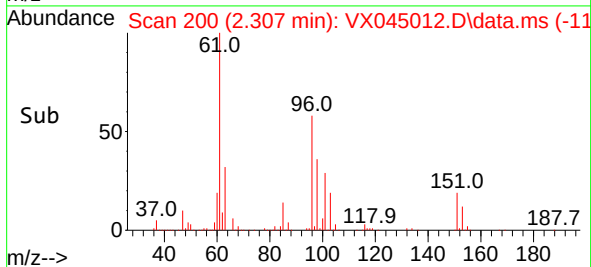
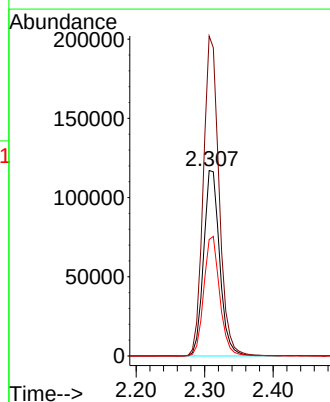
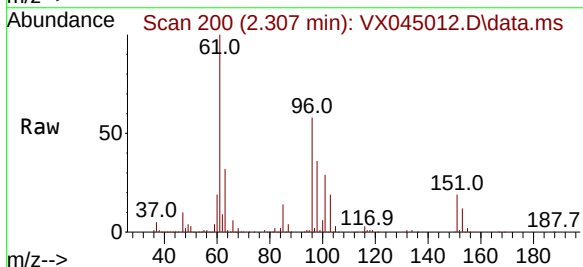
Manual Integrations
APPROVED

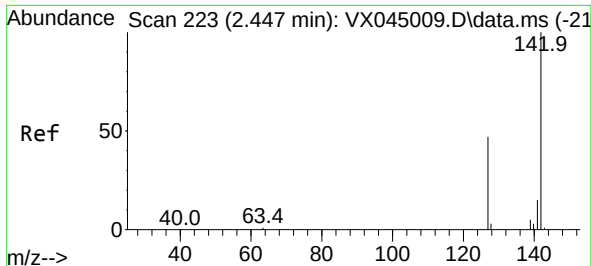
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 163.938 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 96 Resp: 191658
Ion Ratio Lower Upper
96 100
61 172.6 124.2 186.2
98 62.8 51.1 76.7





#11

Methyl Iodide

Concen: 186.677 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045012.D

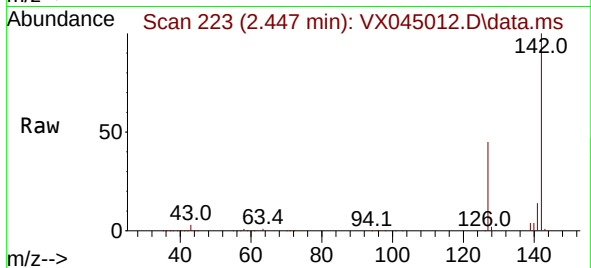
Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion:142 Resp: 247014

Ion Ratio Lower Upper

142 100

127 44.7 23.3 69.9

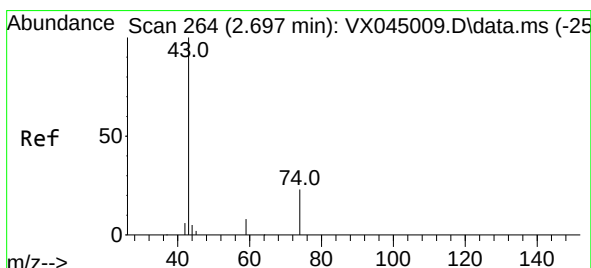
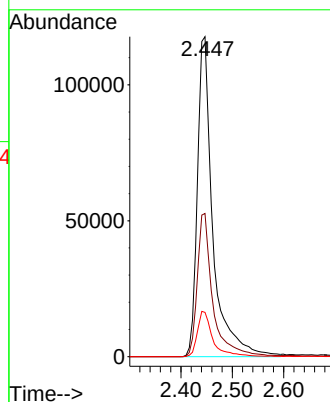
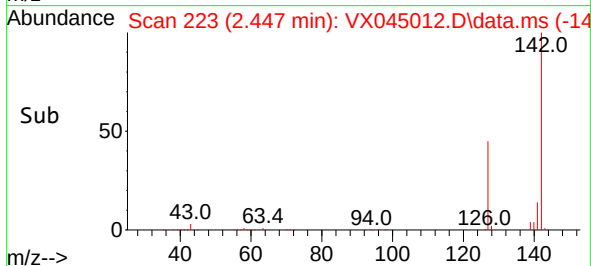
141 13.9 7.5 22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#12

Methyl Acetate

Concen: 166.780 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX045012.D

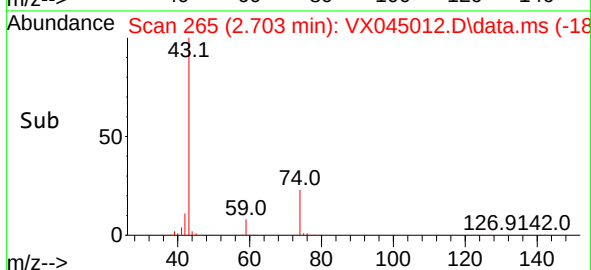
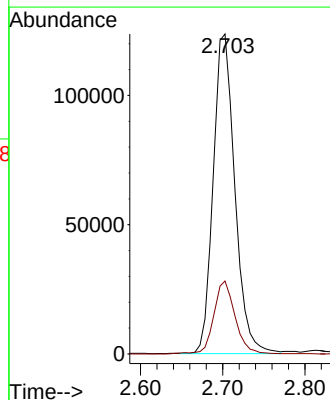
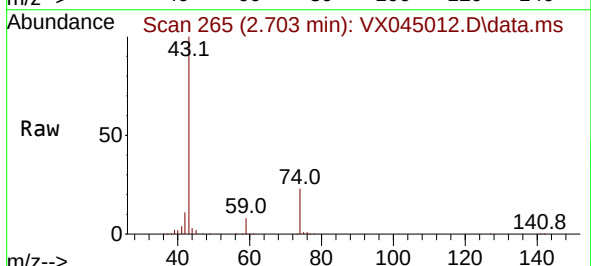
Acq: 21 Feb 2025 11:29

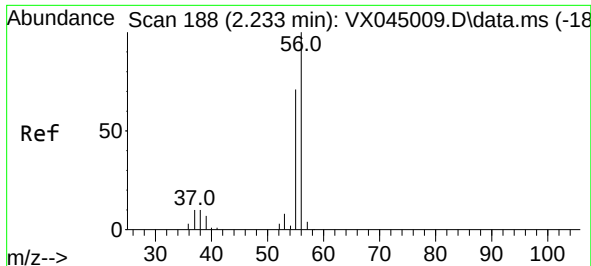
Tgt Ion: 43 Resp: 226419

Ion Ratio Lower Upper

43 100

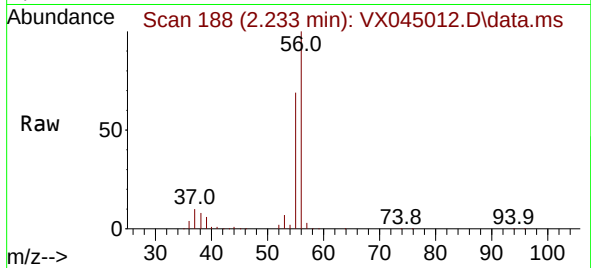
74 22.7 17.9 26.9





#13
Acrolein
Concen: 859.331 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

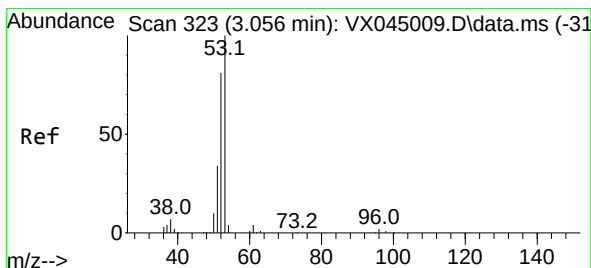
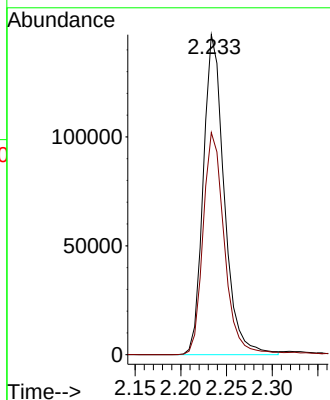
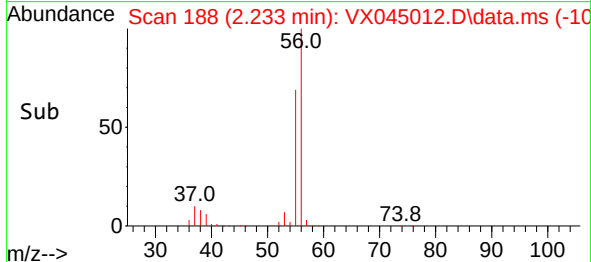
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 23384
Ion Ratio Lower Upper
56 100
55 70.5 55.4 83.2

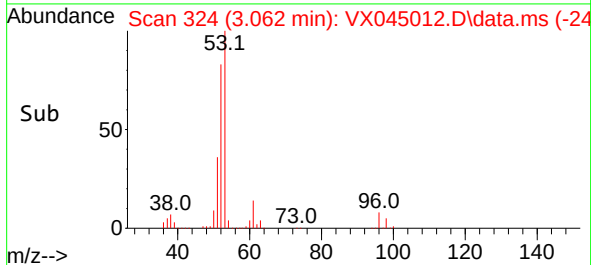
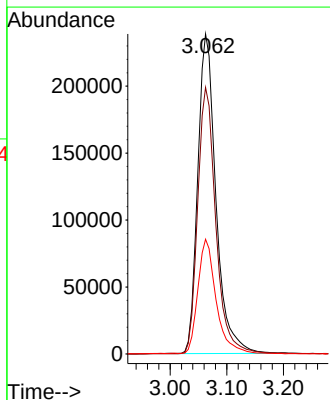
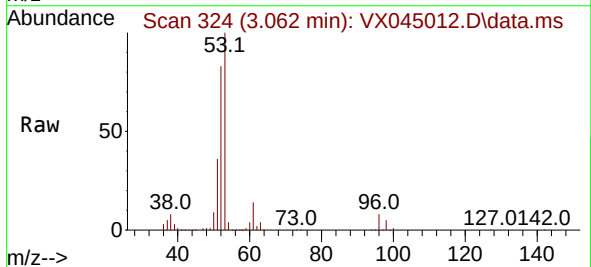
Manual Integrations
APPROVED

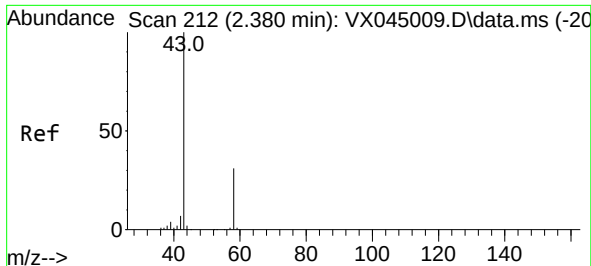
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#14
Acrylonitrile
Concen: 802.955 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

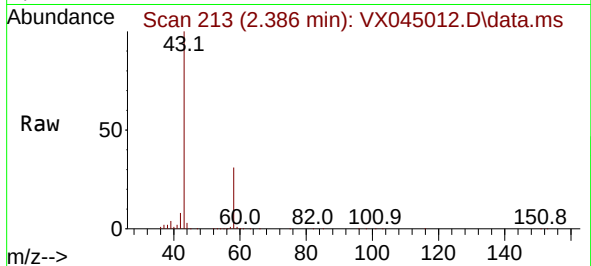
Tgt Ion: 53 Resp: 532462
Ion Ratio Lower Upper
53 100
52 83.0 40.9 122.8
51 36.2 18.0 54.0





#15
Acetone
Concen: 757.609 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

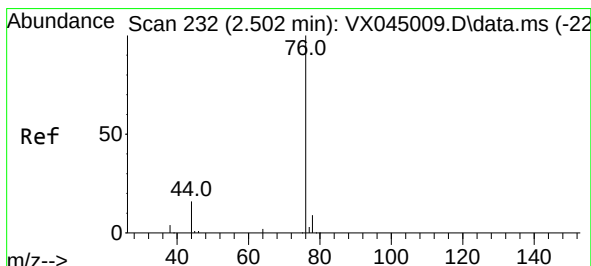
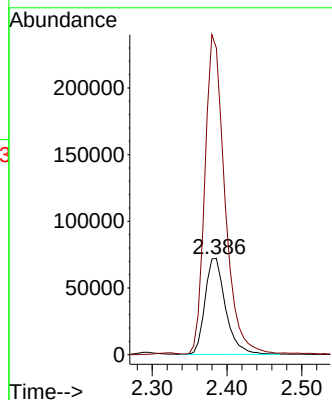
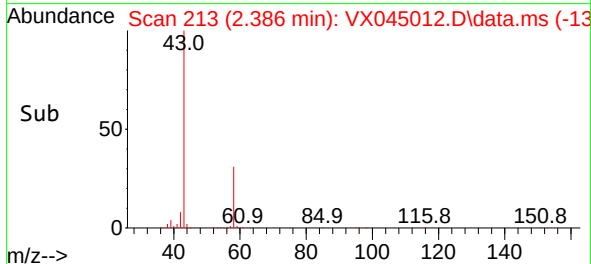
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 137785
Ion Ratio Lower Upper
58 100
43 318.9 258.6 388.0

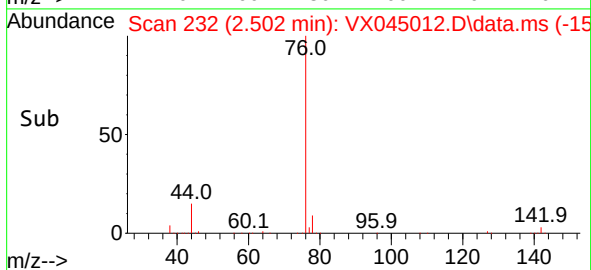
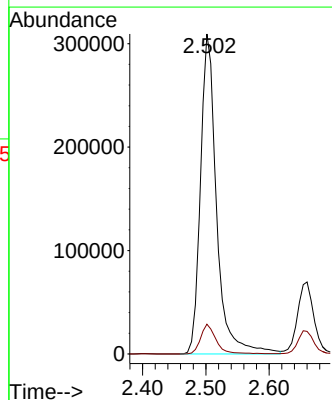
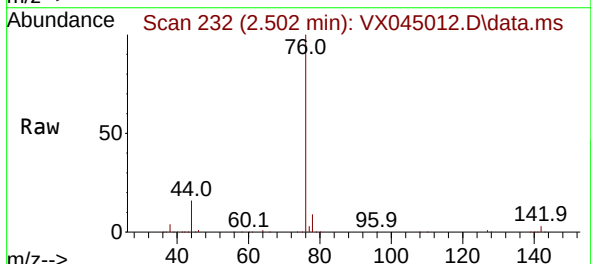
Manual Integrations
APPROVED

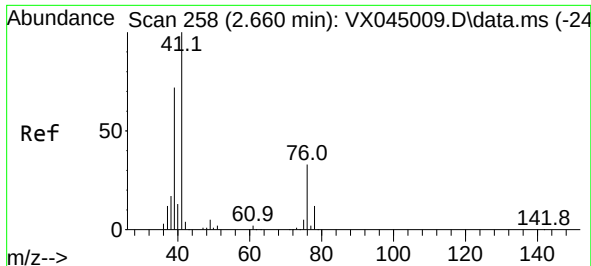
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Carbon Disulfide
Concen: 165.547 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 76 Resp: 548971
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





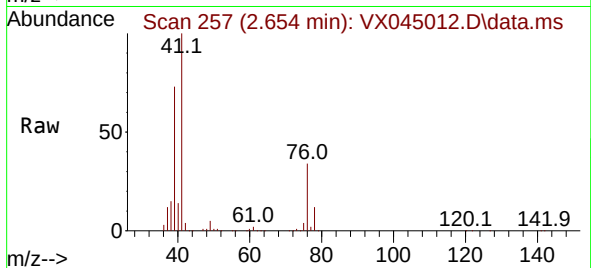
#17
 Allyl chloride
 Concen: 165.958 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

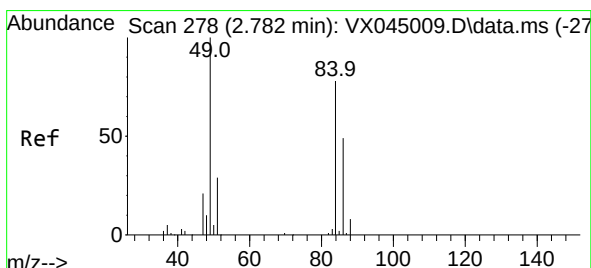
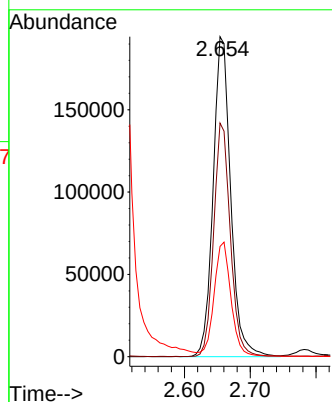
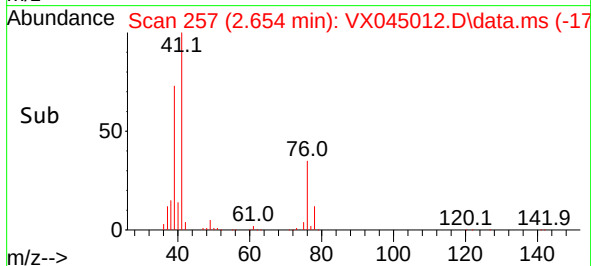


Tgt Ion: 41 Resp: 362889
 Ion Ratio Lower Upper
 41 100
 39 73.0 36.2 108.6
 76 34.3 17.2 51.5

Manual Integrations

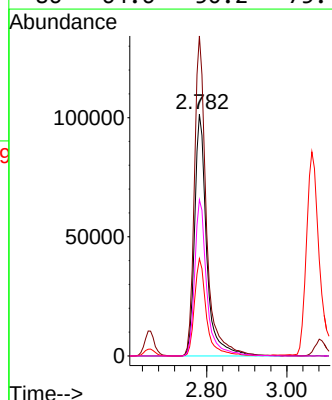
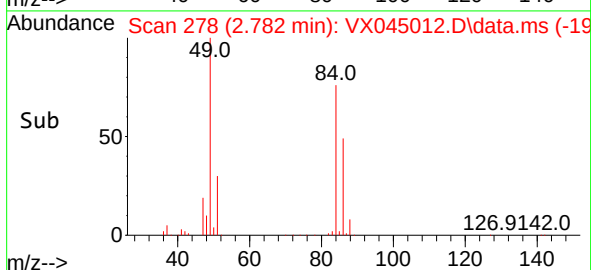
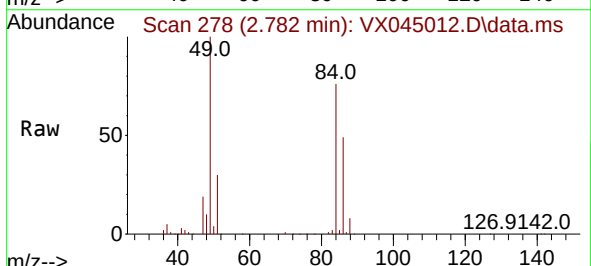
APPROVED

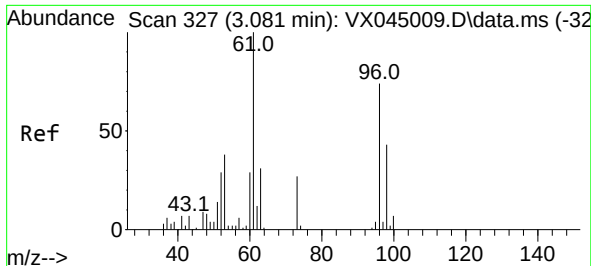
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 160.628 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

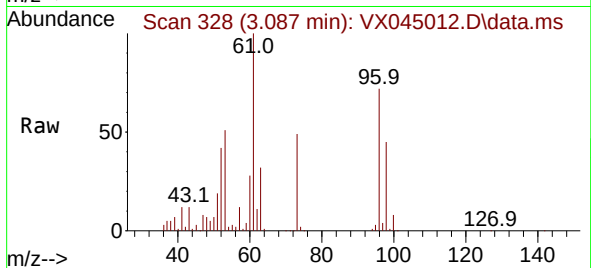
Tgt Ion: 84 Resp: 211221
 Ion Ratio Lower Upper
 84 100
 49 132.4 102.8 154.2
 51 40.3 30.1 45.1
 86 64.6 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 162.701 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

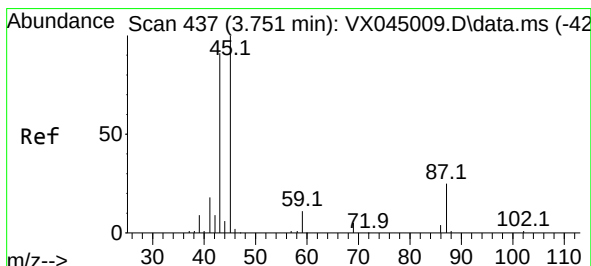
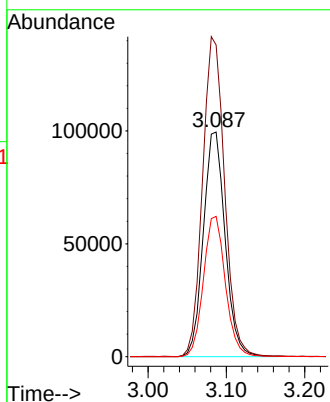
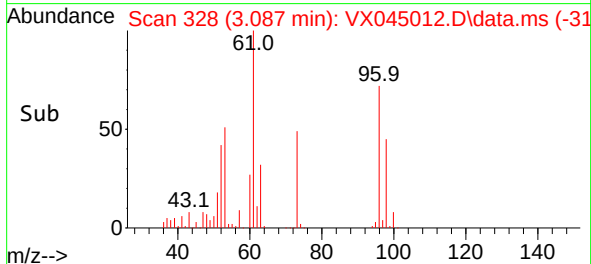
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



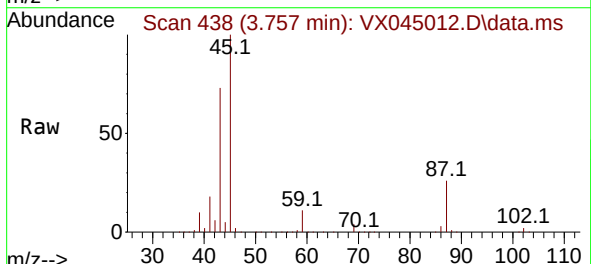
Tgt Ion: 96 Resp: 19244
Ion Ratio Lower Upper
96 100
61 138.6 108.6 163.0
98 62.5 46.5 69.7

Manual Integrations
APPROVED

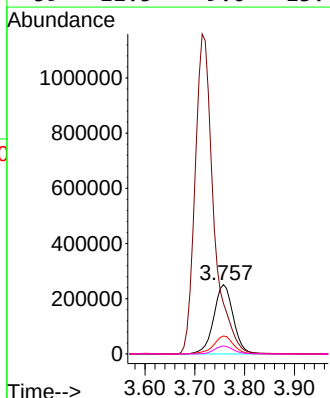
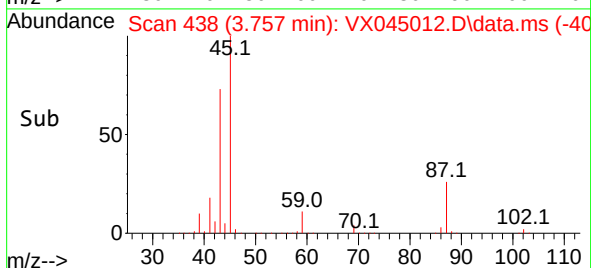
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

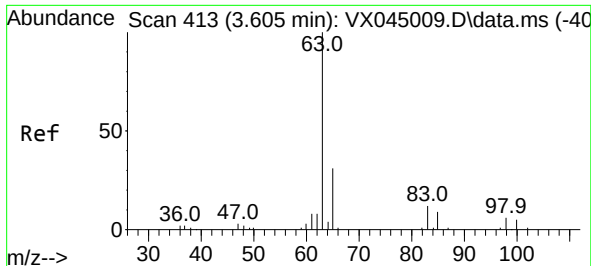


#20
Diisopropyl ether
Concen: 162.921 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



Tgt Ion: 45 Resp: 684590
Ion Ratio Lower Upper
45 100
43 72.4 74.4 111.6#
87 26.0 19.8 29.8
59 11.5 9.0 13.4





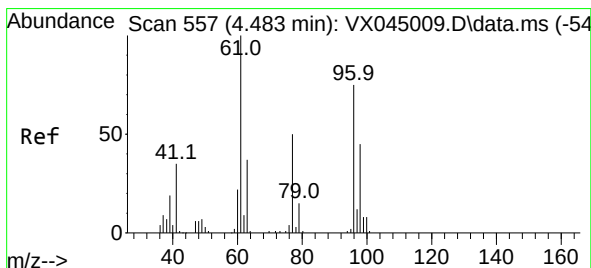
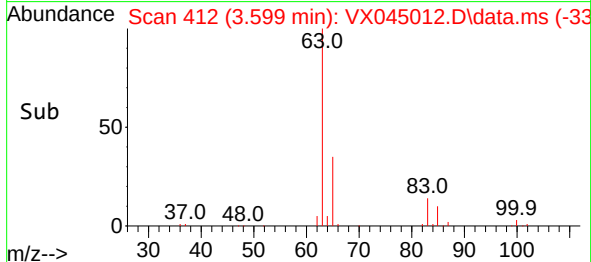
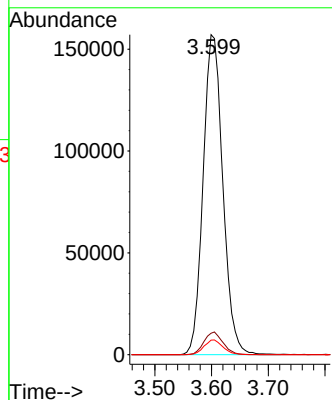
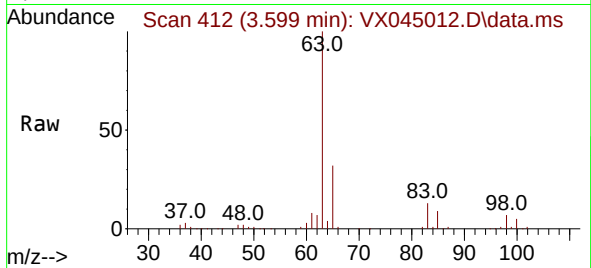
#21
1,1-Dichloroethane
Concen: 162.287 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 379249
Ion Ratio Lower Upper
63 100
98 6.7 3.3 9.8
100 4.6 2.4 7.1

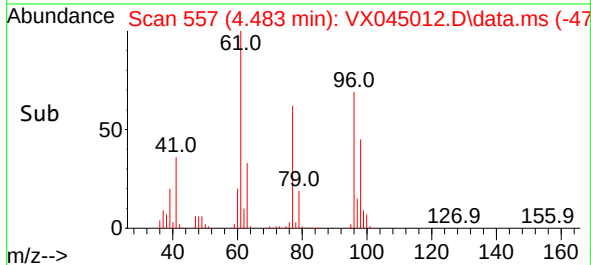
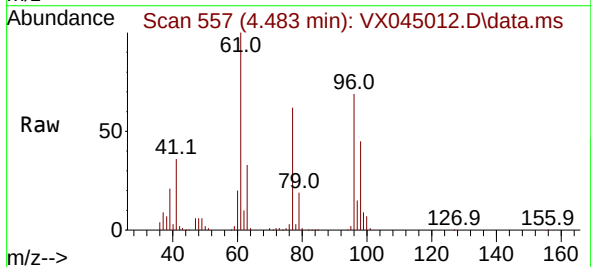
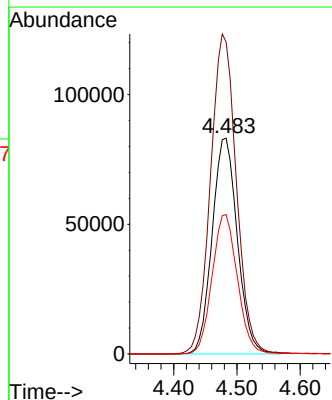
Manual Integrations
APPROVED

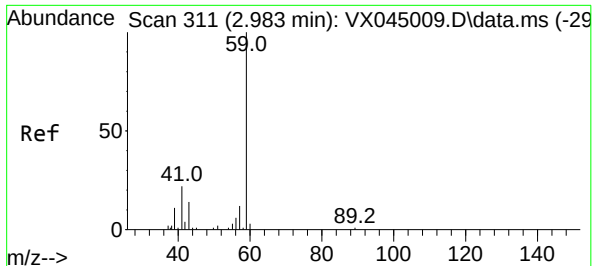
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#22
cis-1,2-Dichloroethene
Concen: 162.719 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 96 Resp: 230636
Ion Ratio Lower Upper
96 100
61 152.0 118.9 178.3
98 64.6 50.7 76.1





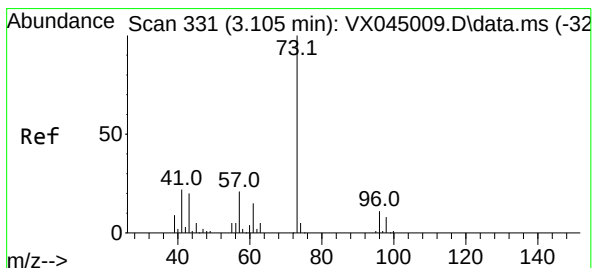
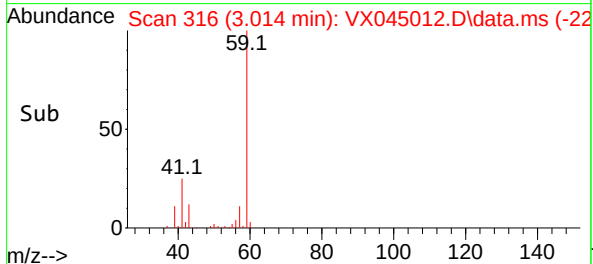
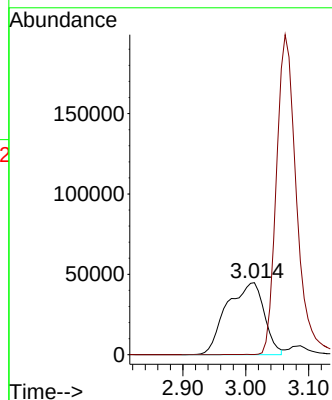
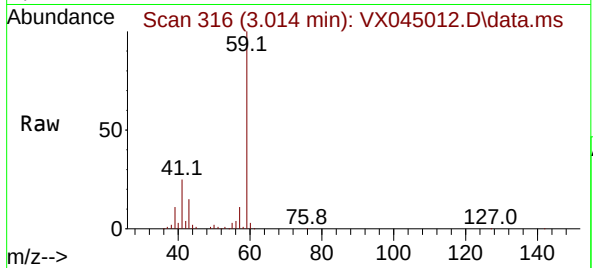
#23
tert-Butyl Alcohol
Concen: 799.131 ug/l m
RT: 3.014 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 185225
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

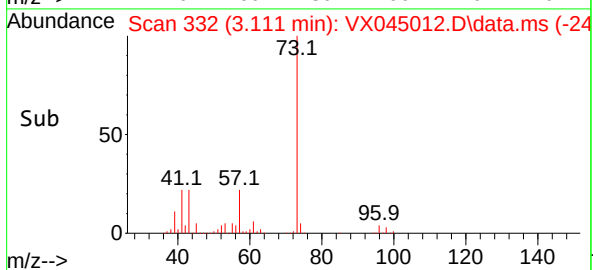
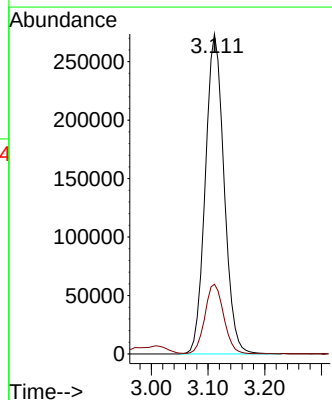
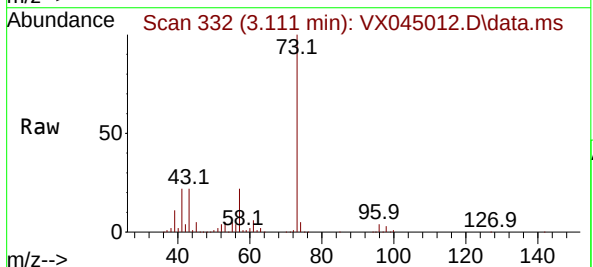
Manual Integrations
APPROVED

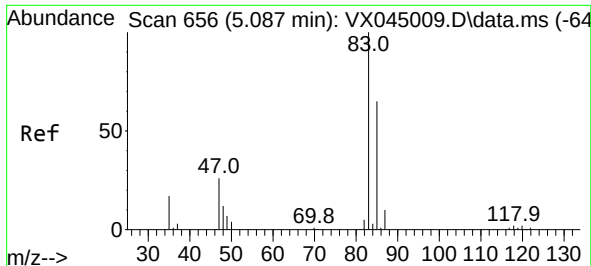
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#24
Methyl tert-Butyl Ether
Concen: 164.746 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 73 Resp: 628626
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0





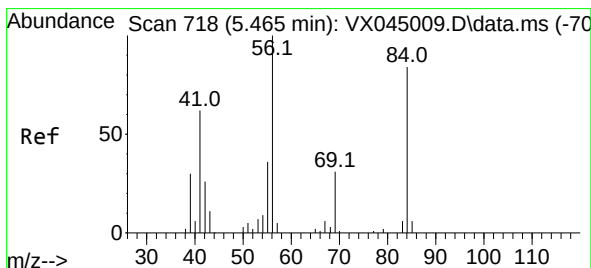
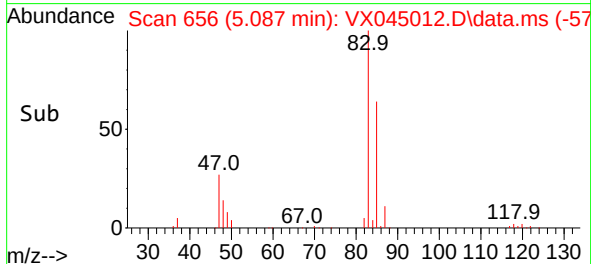
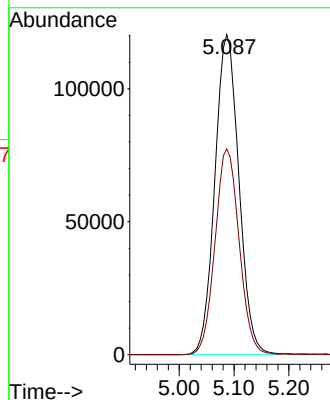
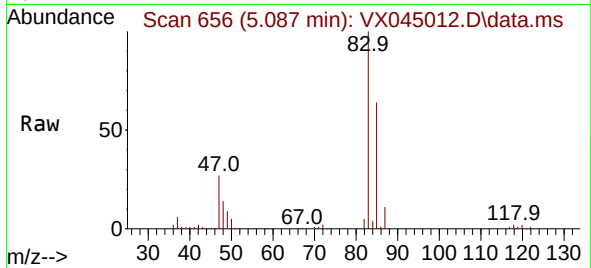
#25
Chloroform
Concen: 162.652 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 36714
Ion Ratio Lower Upper
83 100
85 64.3 51.7 77.5

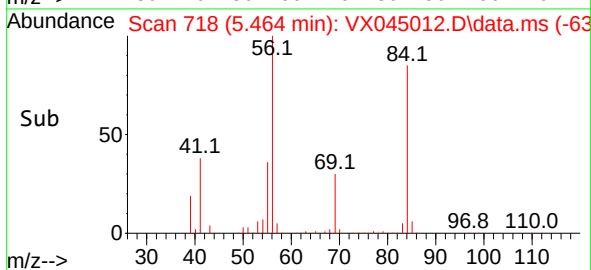
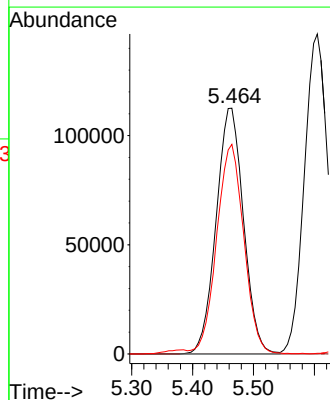
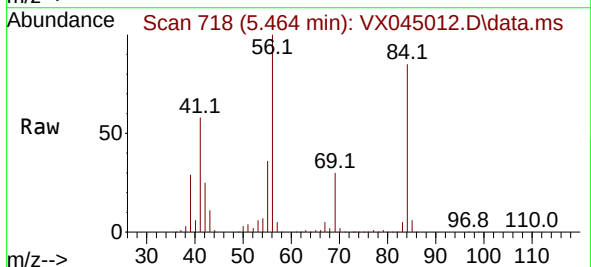
Manual Integrations
APPROVED

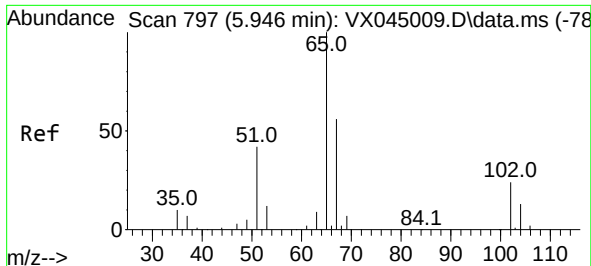
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#26
Cyclohexane
Concen: 162.829 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 56 Resp: 351233
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 31.344 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 4685

Ion Ratio Lower Upper

65 100

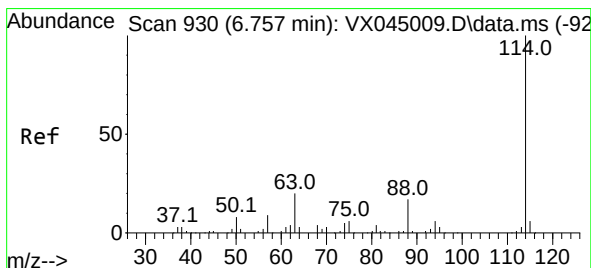
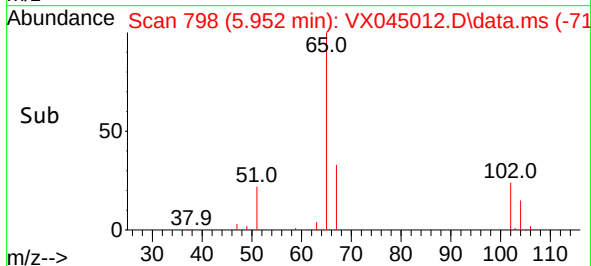
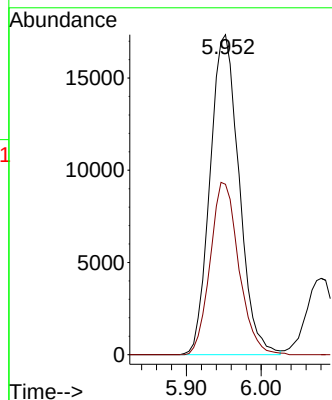
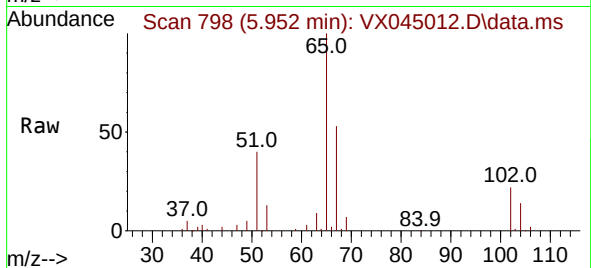
67 53.1 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

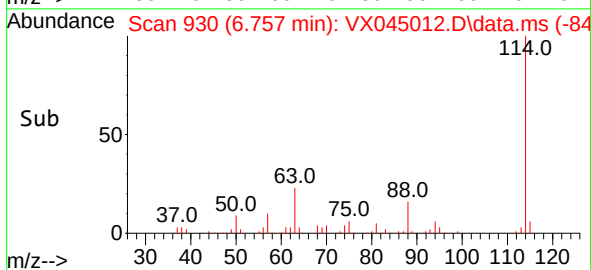
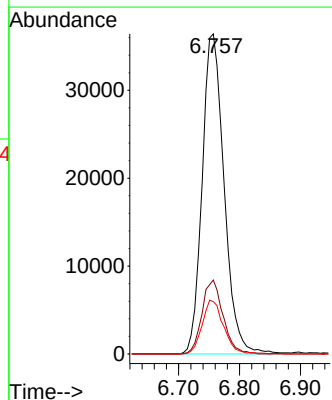
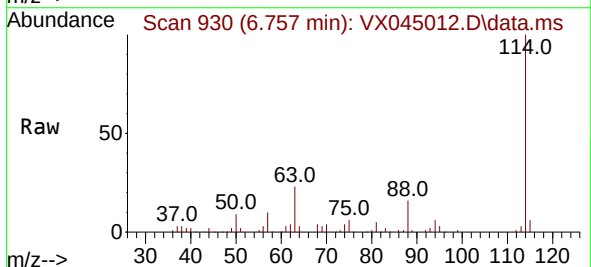
Tgt Ion:114 Resp: 91158

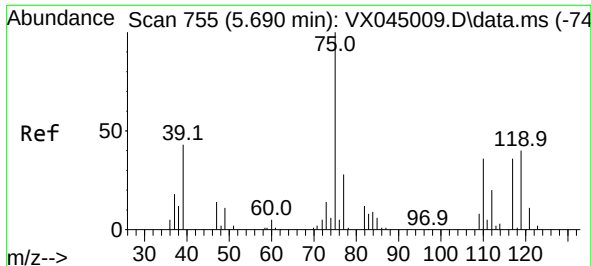
Ion Ratio Lower Upper

114 100

63 22.0 16.8 25.2

88 16.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 155.458 ug/l

RT: 5.684 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 260684

Ion Ratio Lower Upper

75 100

110 33.9 0.0 69.2

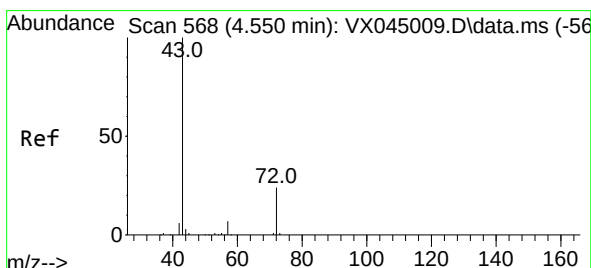
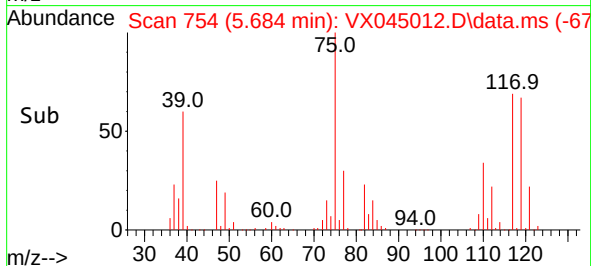
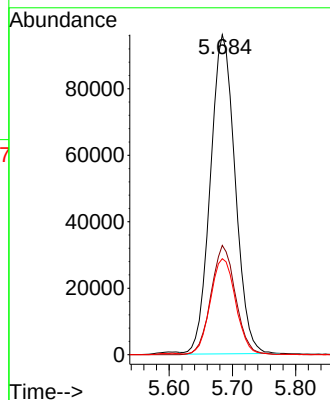
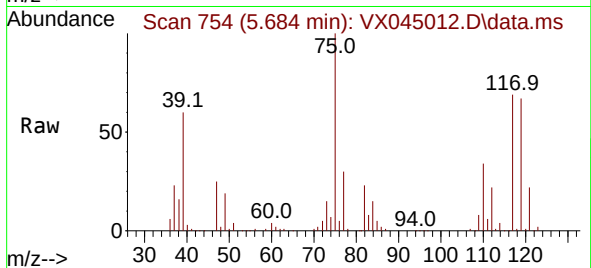
77 30.9 0.0 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 759.373 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

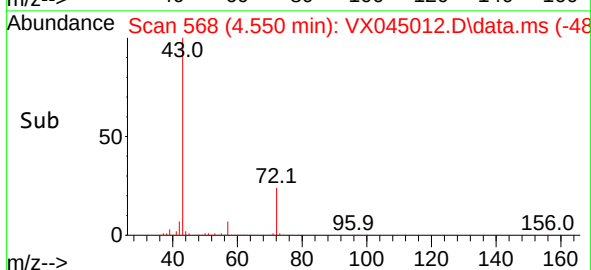
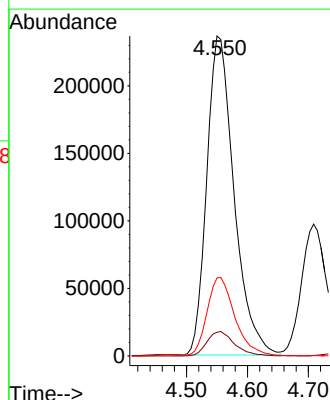
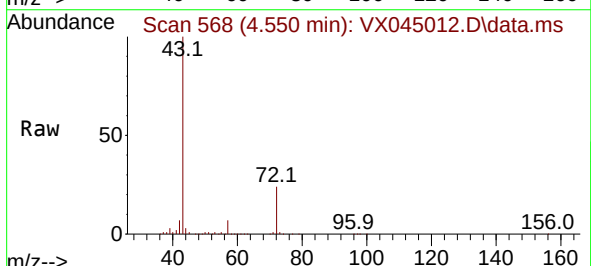
Tgt Ion: 43 Resp: 735492

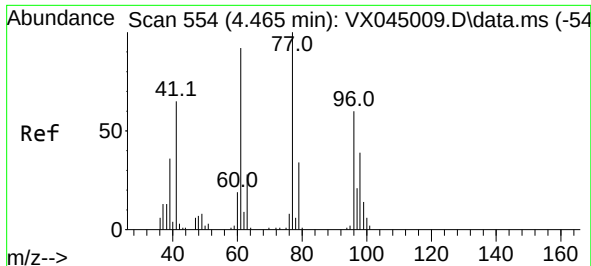
Ion Ratio Lower Upper

43 100

57 7.7 6.2 9.2

72 25.0 20.2 30.2





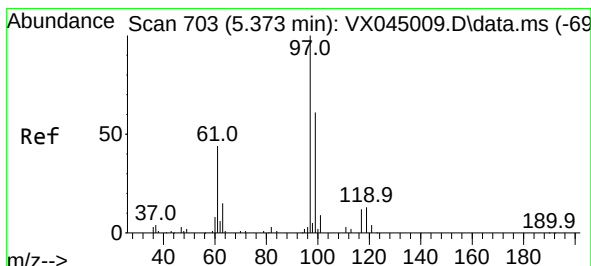
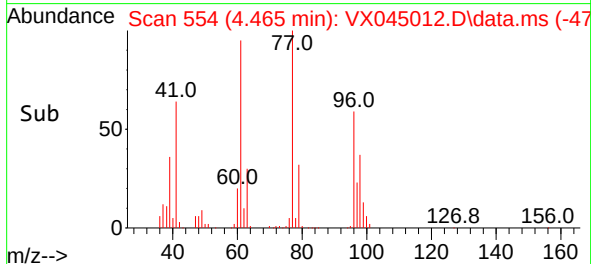
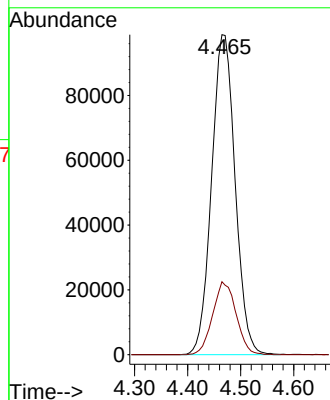
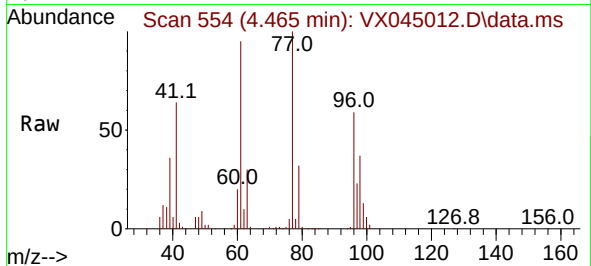
#31
2,2-Dichloropropane
Concen: 160.447 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 304225
Ion Ratio Lower Upper
77 100
97 22.7 18.0 27.0

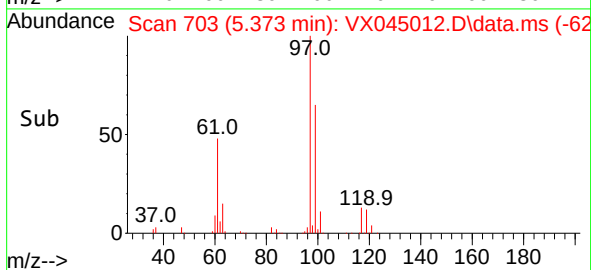
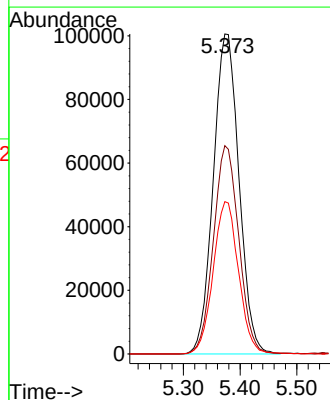
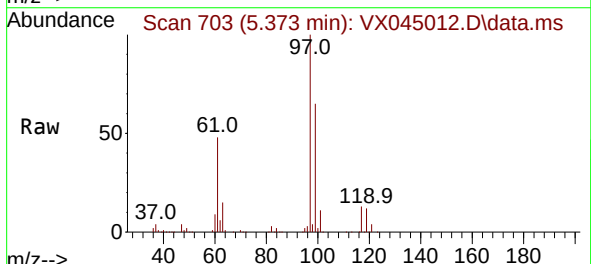
Manual Integrations
APPROVED

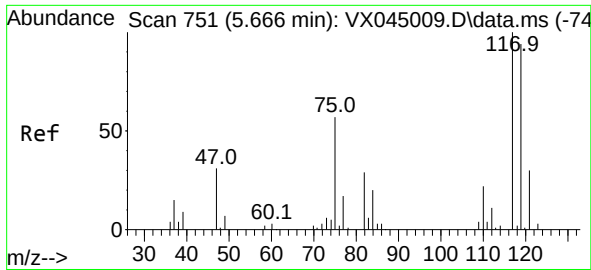
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 155.824 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

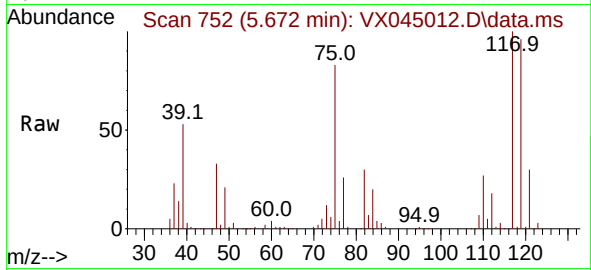
Tgt Ion: 97 Resp: 316595
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 47.2 38.5 57.7





#33
Carbon Tetrachloride
Concen: 154.492 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

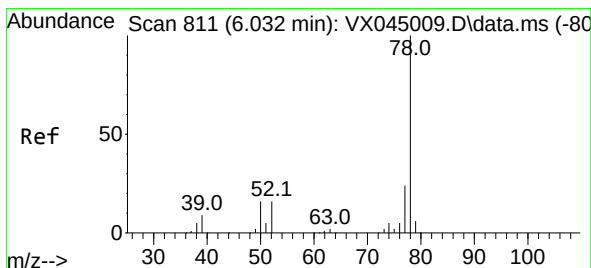
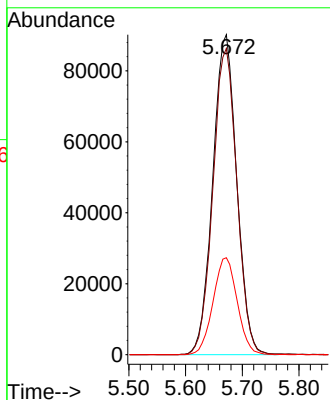
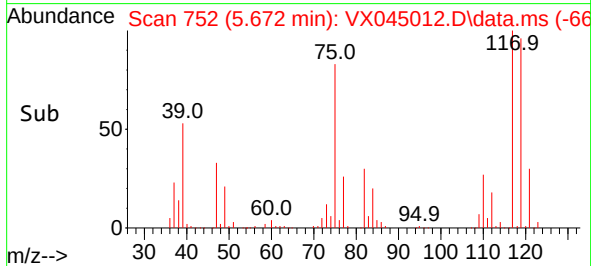
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 26490
Ion Ratio Lower Upper
117 100
119 95.7 75.1 112.7
121 30.3 23.9 35.9

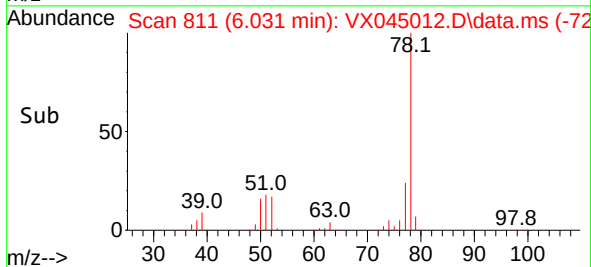
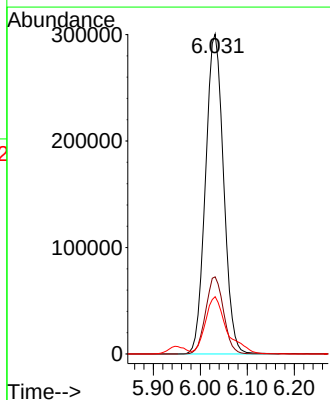
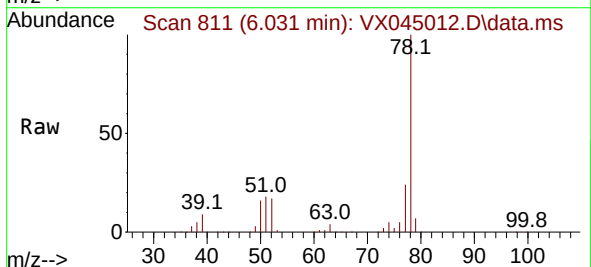
Manual Integrations
APPROVED

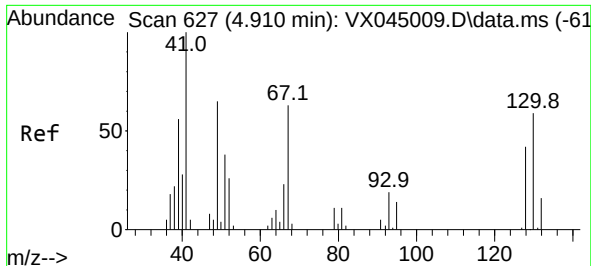
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#34
Benzene
Concen: 152.163 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

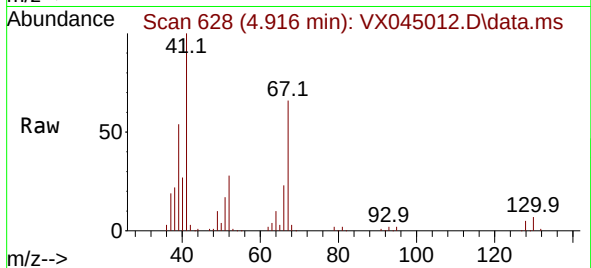
Tgt Ion: 78 Resp: 800159
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4
51 17.8 13.8 20.6





#35
Methacrylonitrile
Concen: 157.037 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

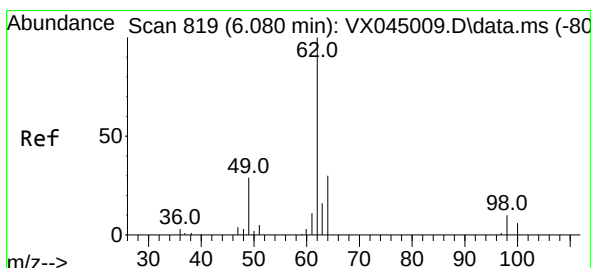
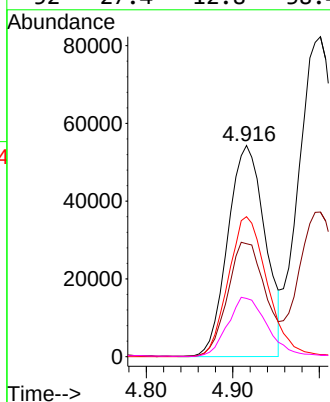
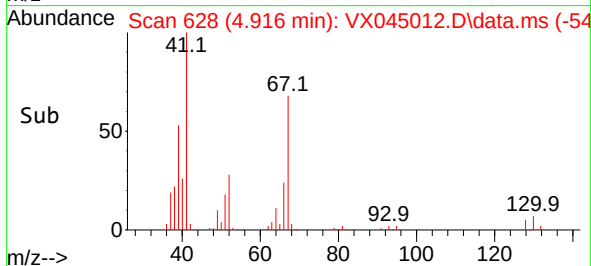
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



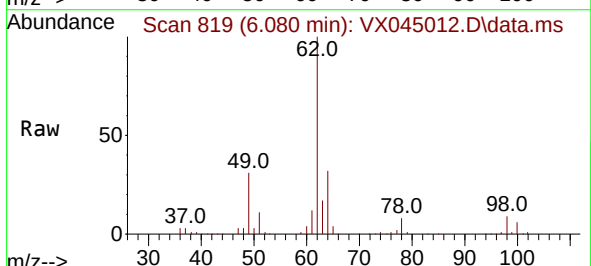
Tgt Ion: 41 Resp: 16276
Ion Ratio Lower Upper
41 100
39 53.3 27.8 83.4
67 66.4 31.5 94.5
52 27.4 12.8 38.4

Manual Integrations
APPROVED

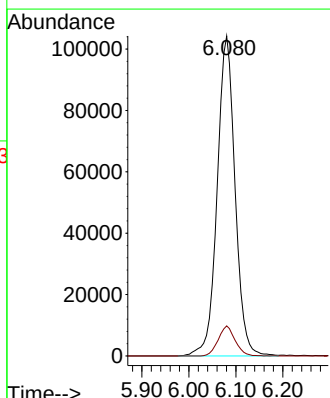
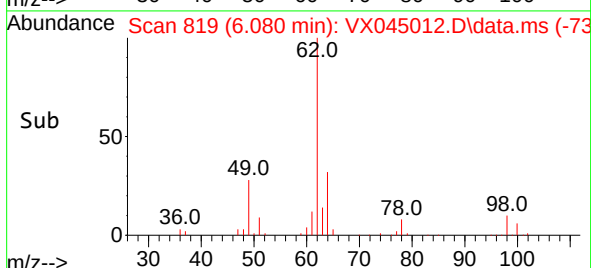
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

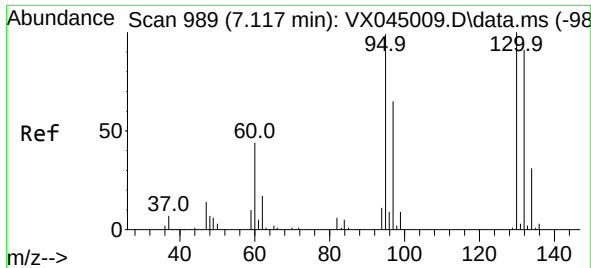


#36
1,2-Dichloroethane
Concen: 153.695 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



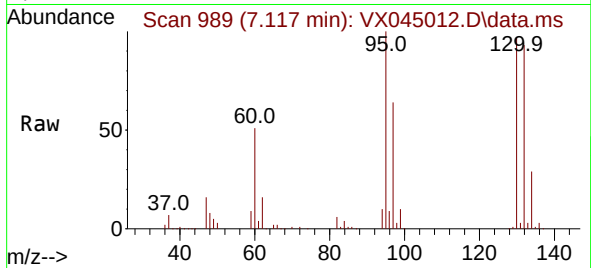
Tgt Ion: 62 Resp: 276707
Ion Ratio Lower Upper
62 100
98 8.9 7.9 11.9





#37
Trichloroethene
Concen: 153.878 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

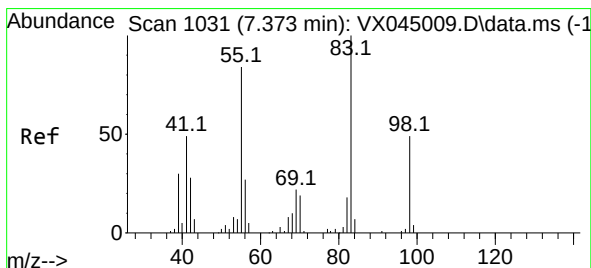
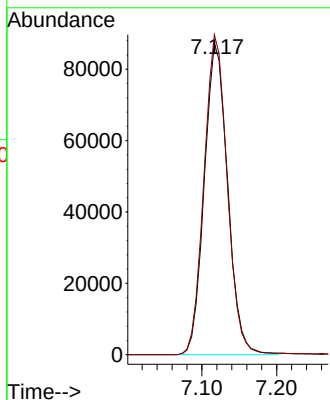
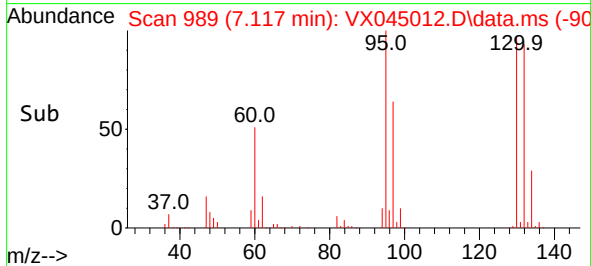
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



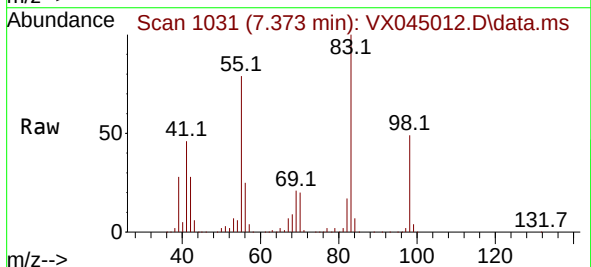
Tgt Ion:130 Resp: 189307
Ion Ratio Lower Upper
130 100
95 102.6 79.0 118.4

Manual Integrations
APPROVED

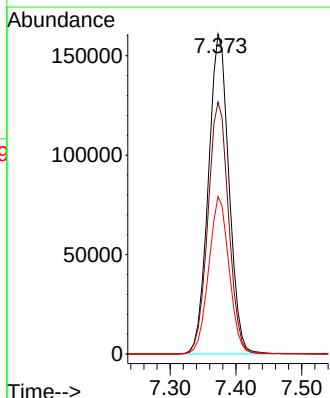
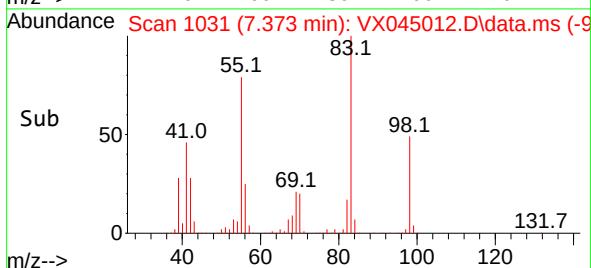
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

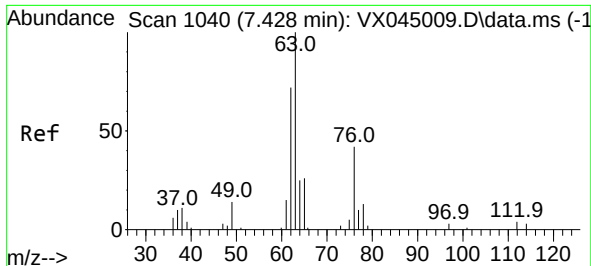


#38
Methylcyclohexane
Concen: 155.851 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



Tgt Ion: 83 Resp: 350907
Ion Ratio Lower Upper
83 100
55 79.0 40.6 122.0
98 48.7 24.9 74.6





#39

1,2-Dichloropropane

Concen: 154.621 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 202140

Ion Ratio Lower Upper

63 100

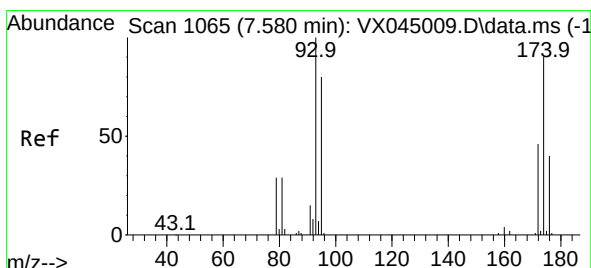
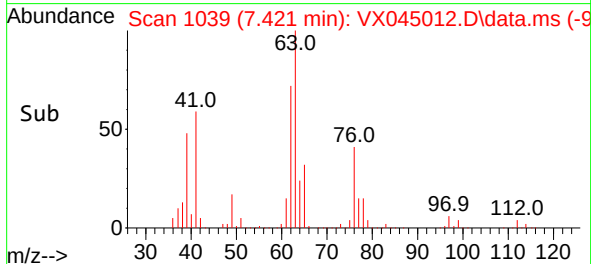
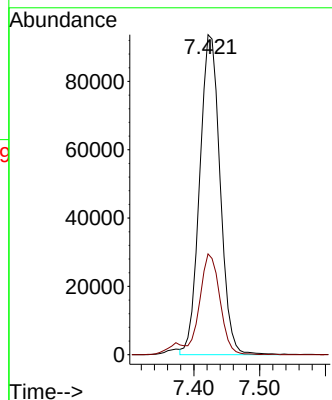
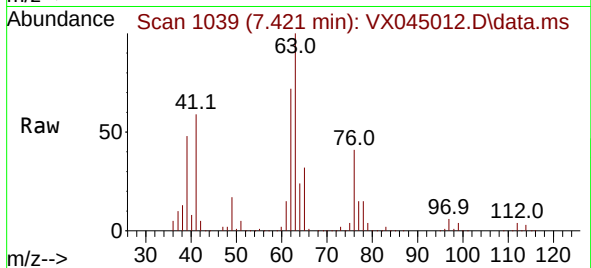
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 153.109 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

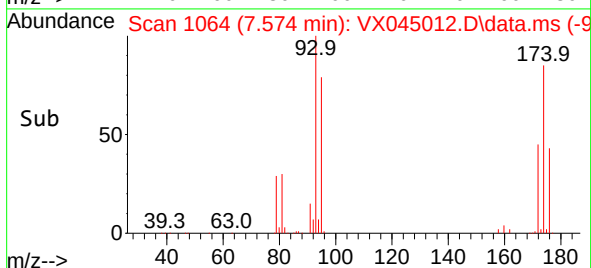
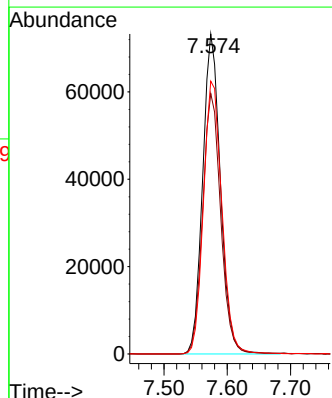
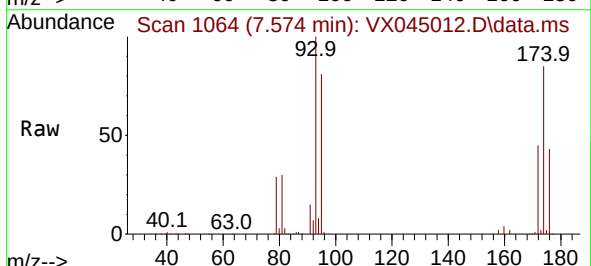
Tgt Ion: 93 Resp: 143641

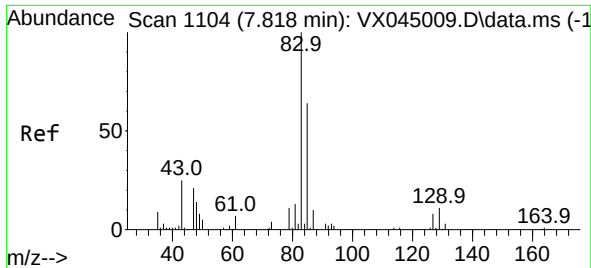
Ion Ratio Lower Upper

93 100

95 82.5 0.0 162.6

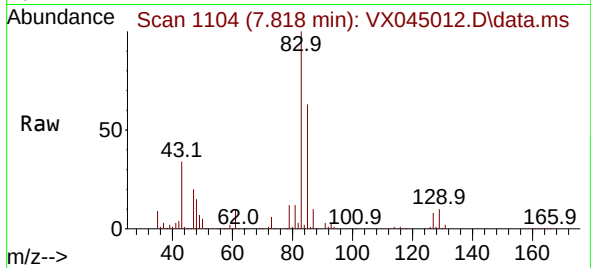
174 88.4 0.0 178.8





#41
Bromodichloromethane
Concen: 156.122 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

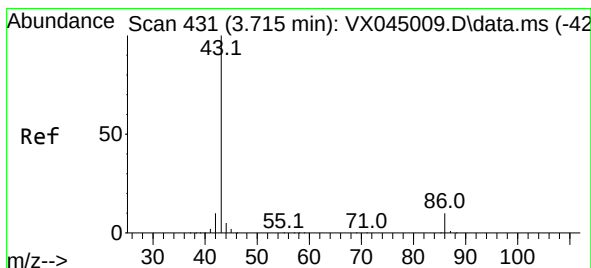
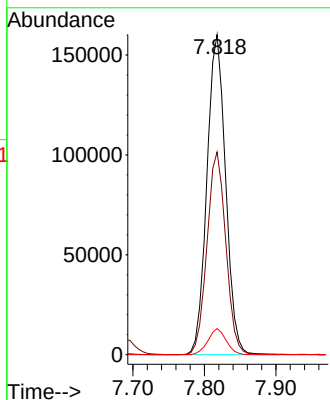
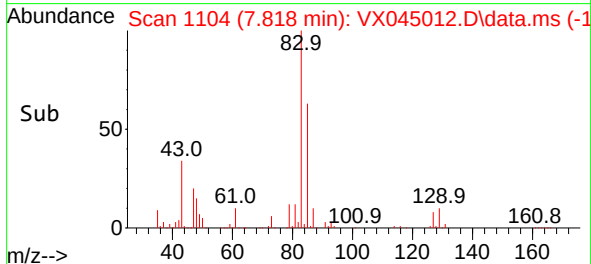
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 291108
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 8.2 6.1 9.1

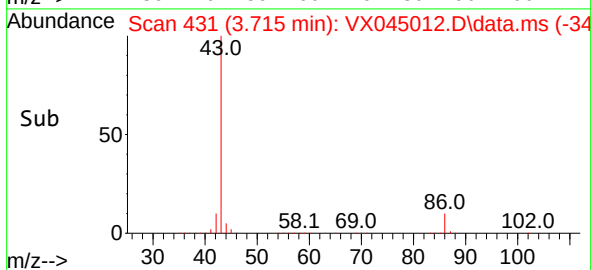
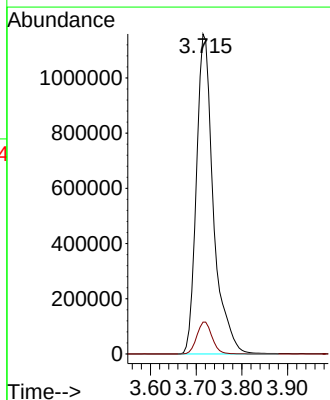
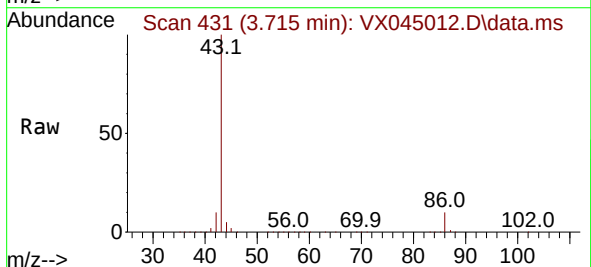
Manual Integrations
APPROVED

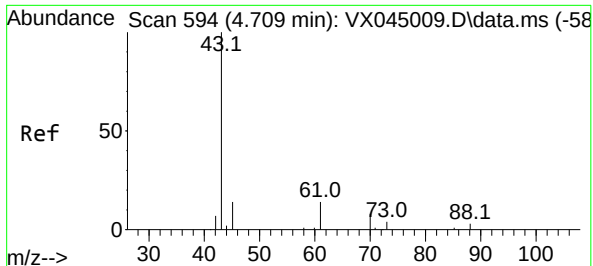
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 795.020 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 43 Resp: 2988086
Ion Ratio Lower Upper
43 100
86 9.0 7.0 10.4





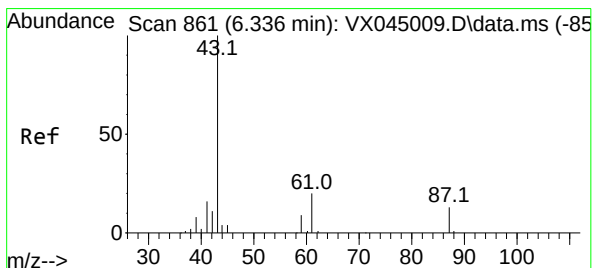
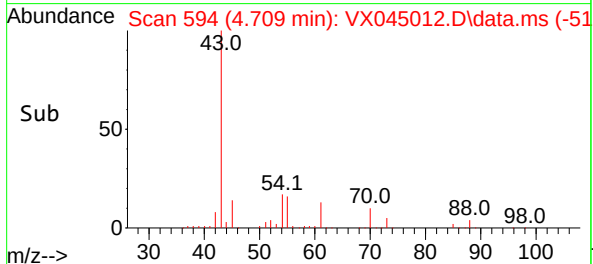
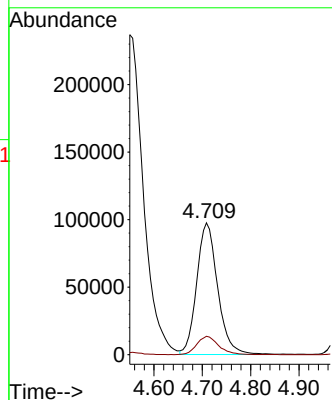
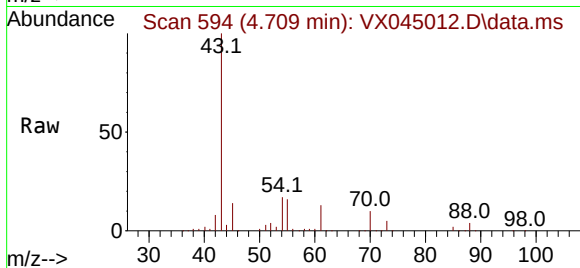
#43
Ethyl Acetate
Concen: 161.195 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 292788
Ion Ratio Lower Upper
43 100
45 14.6 12.7 19.1

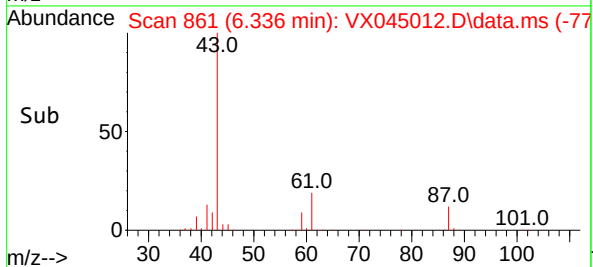
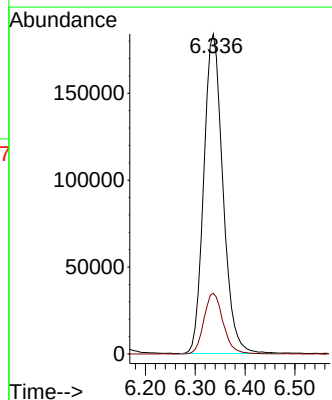
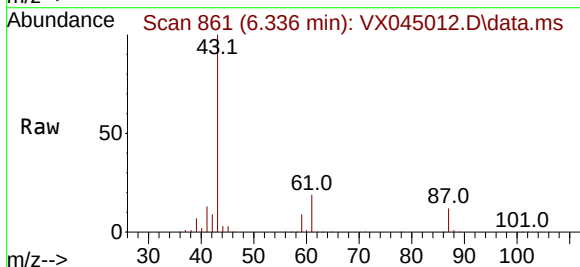
Manual Integrations
APPROVED

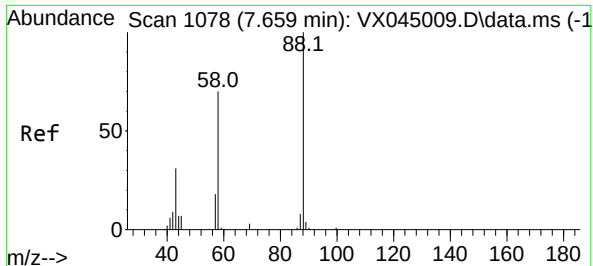
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 163.920 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

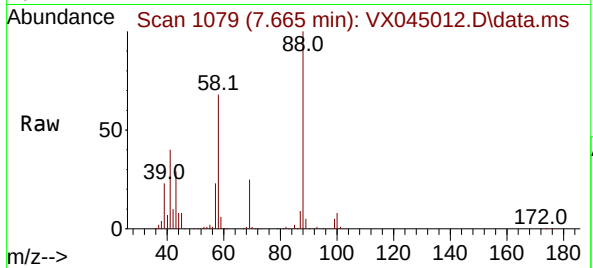
Tgt Ion: 43 Resp: 490033
Ion Ratio Lower Upper
43 100
61 19.1 15.5 23.3





#45
1,4-Dioxane
Concen: 2937.775 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

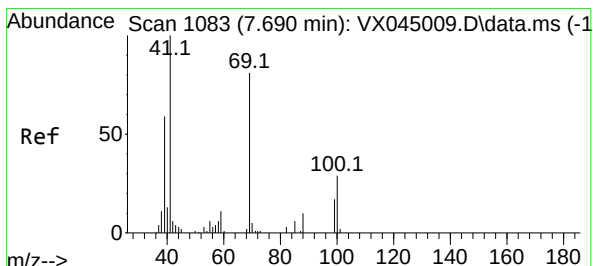
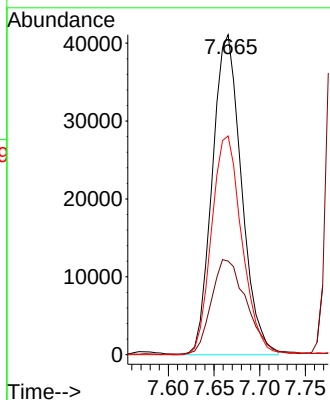
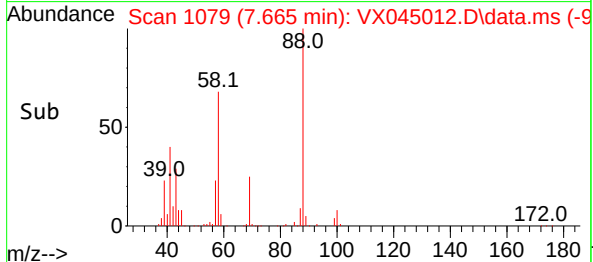
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 91297
Ion Ratio Lower Upper
88 100
43 35.3 29.6 44.4
58 71.1 56.2 84.4

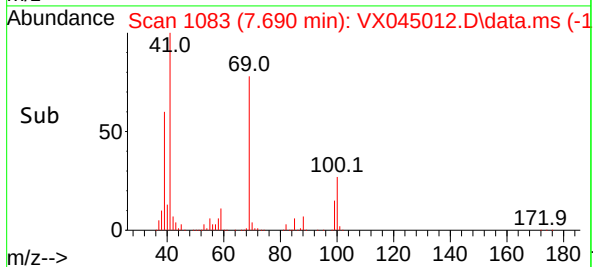
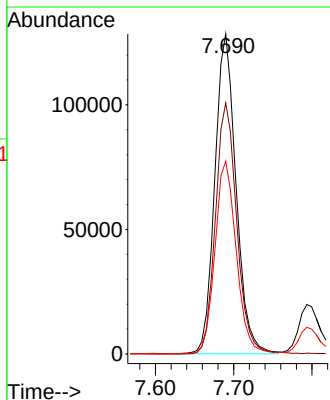
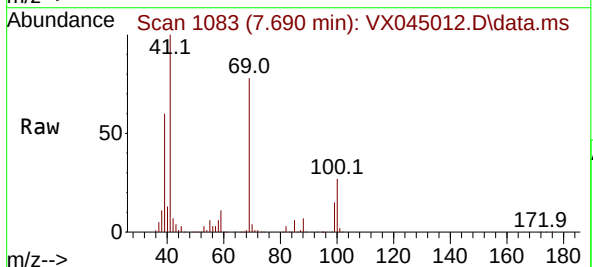
Manual Integrations
APPROVED

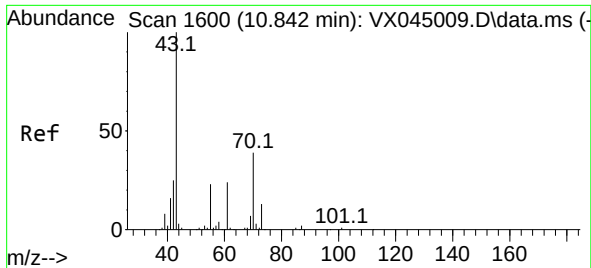
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 164.798 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

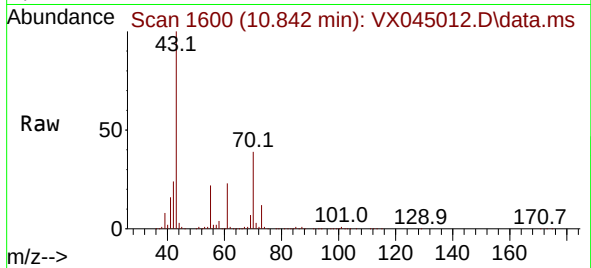
Tgt Ion: 41 Resp: 241575
Ion Ratio Lower Upper
41 100
69 78.5 40.7 122.1
39 60.2 29.5 88.5





#47
n-amy1 Acetate
Concen: 168.943 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

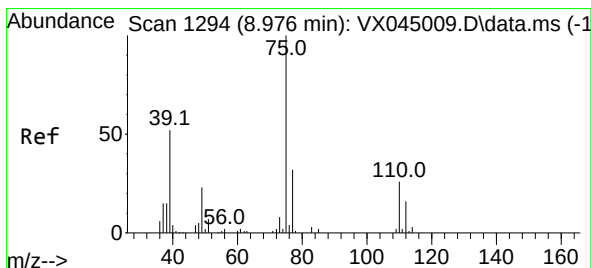
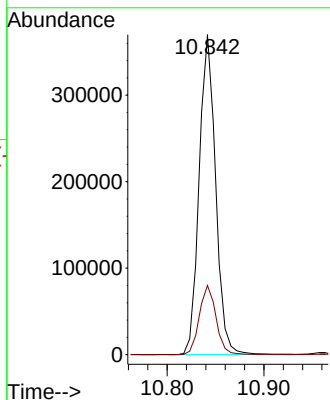
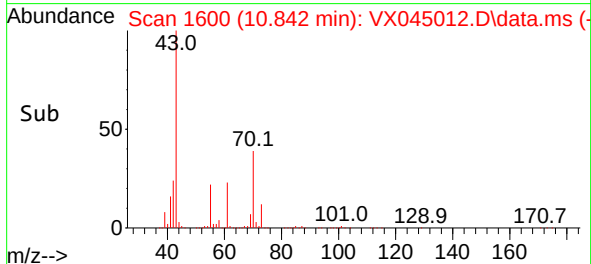
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 43826
Ion Ratio Lower Upper
43 100
55 22.0 18.6 27.8

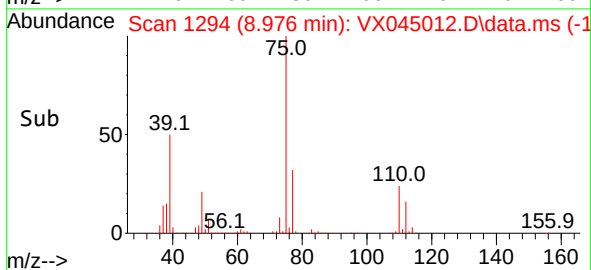
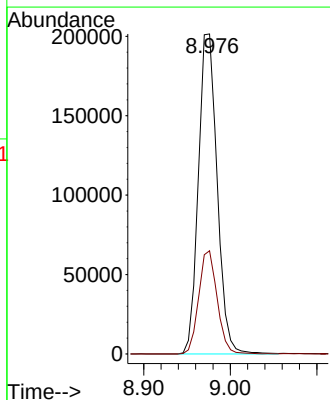
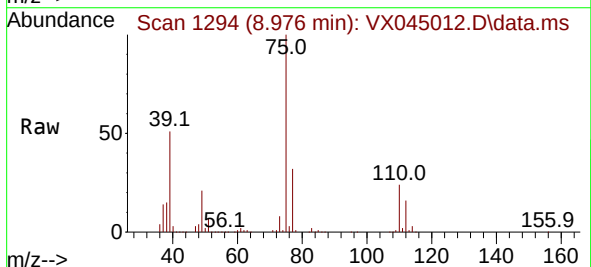
Manual Integrations
APPROVED

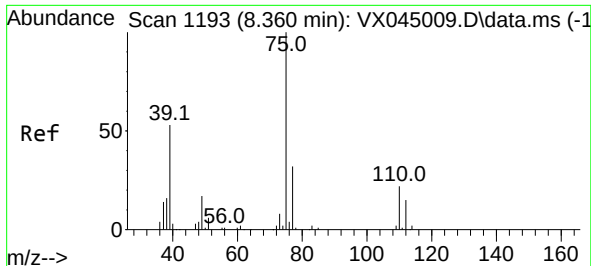
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 169.001 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

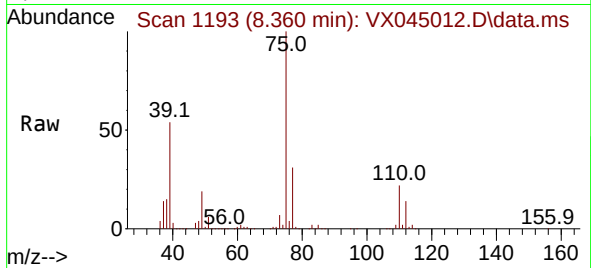
Tgt Ion: 75 Resp: 303740
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5





#49
 cis-1,3-Dichloropropene
 Concen: 162.750 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

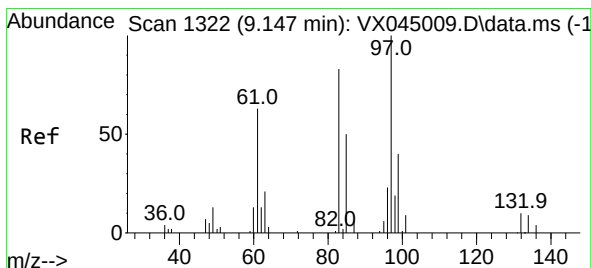
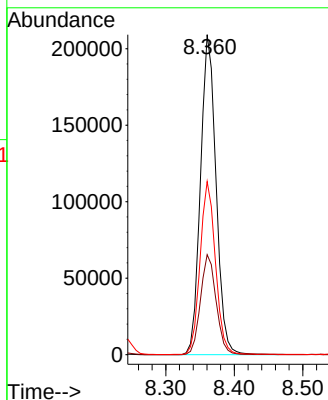
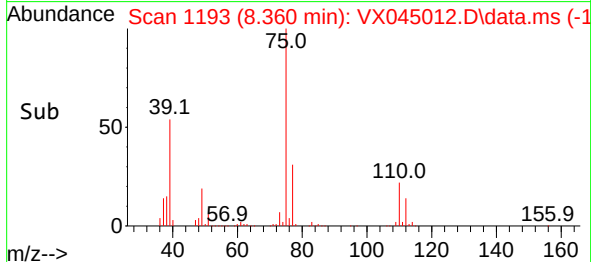
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 331118
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.9 38.9
 39 54.0 42.3 63.5

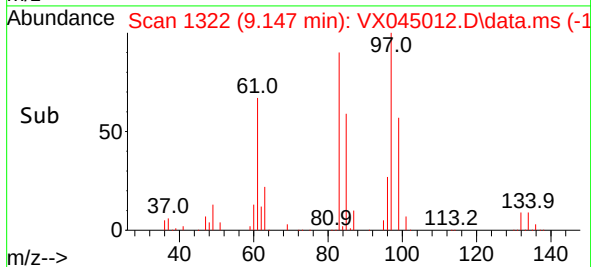
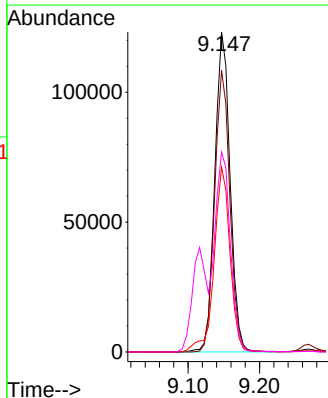
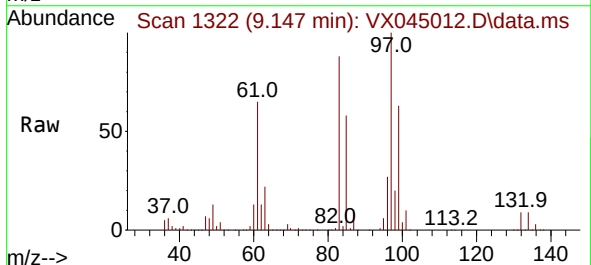
Manual Integrations
 APPROVED

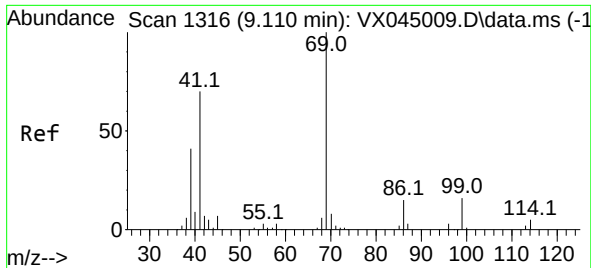
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#50
 1,1,2-Trichloroethane
 Concen: 149.917 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

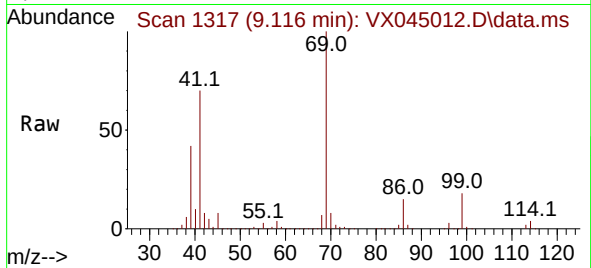
Tgt Ion: 97 Resp: 183455
 Ion Ratio Lower Upper
 97 100
 83 88.1 66.0 99.0
 85 57.8 42.5 63.7
 99 62.4 49.6 74.4





#51
Ethyl methacrylate
Concen: 167.857 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

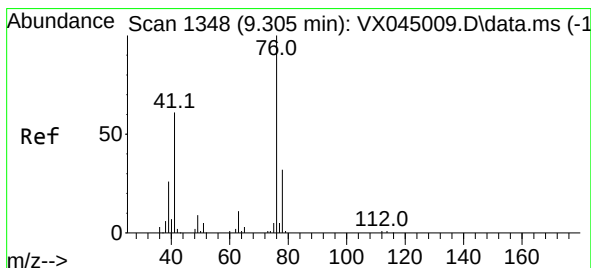
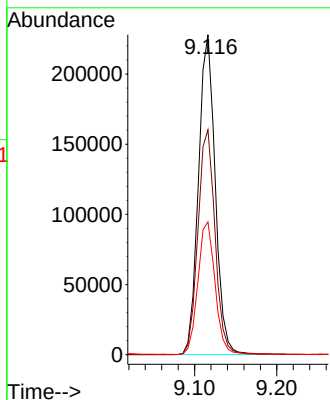
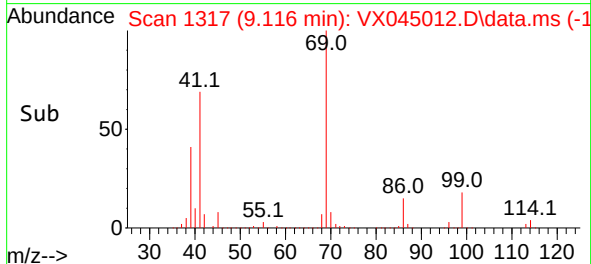
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



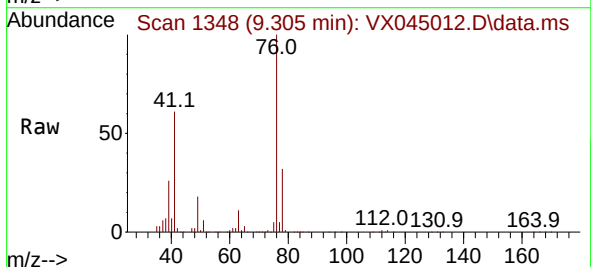
Tgt Ion: 69 Resp: 323054
Ion Ratio Lower Upper
69 100
41 70.2 35.1 105.3
39 41.5 20.5 61.6

Manual Integrations
APPROVED

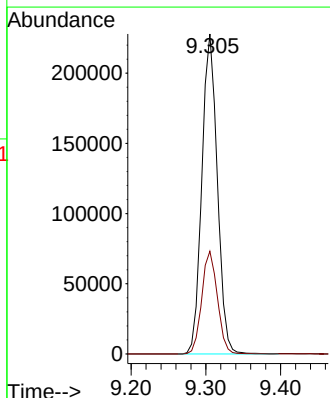
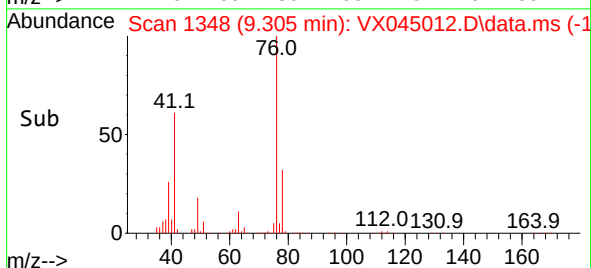
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

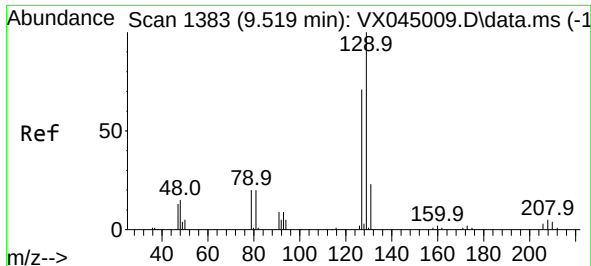


#52
1,3-Dichloropropane
Concen: 152.762 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



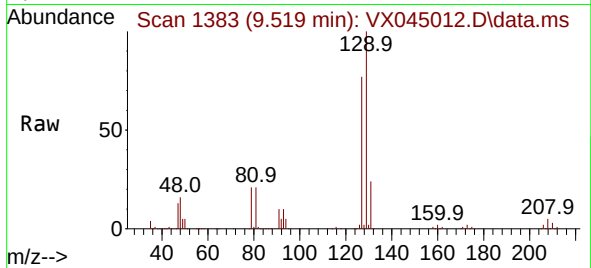
Tgt Ion: 76 Resp: 327551
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.6





#53
 Dibromochloromethane
 Concen: 157.620 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

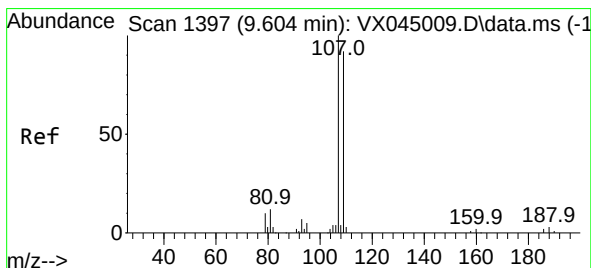
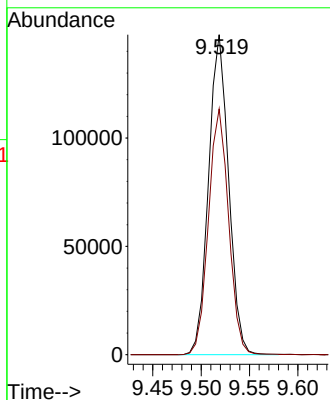
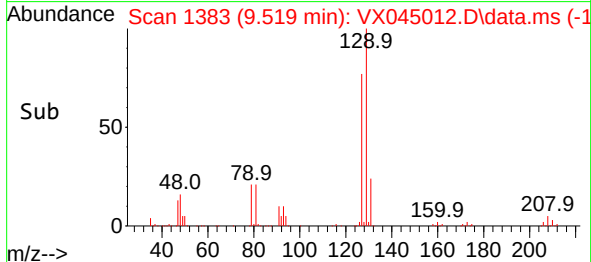
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



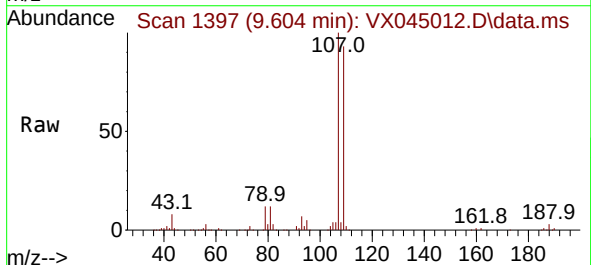
Tgt Ion:129 Resp: 213320
 Ion Ratio Lower Upper
 129 100
 127 77.2 37.3 111.9

Manual Integrations
 APPROVED

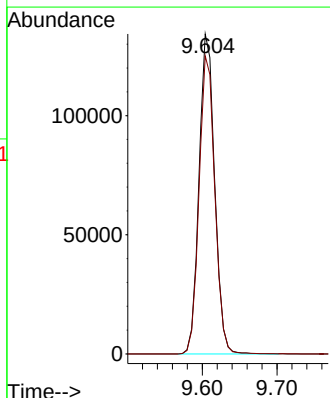
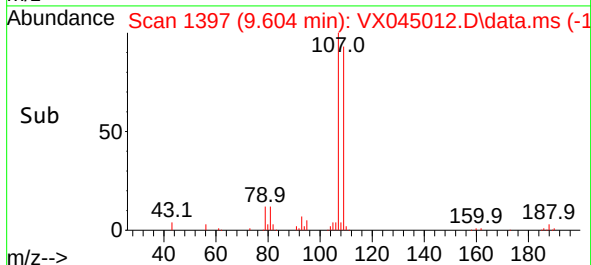
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

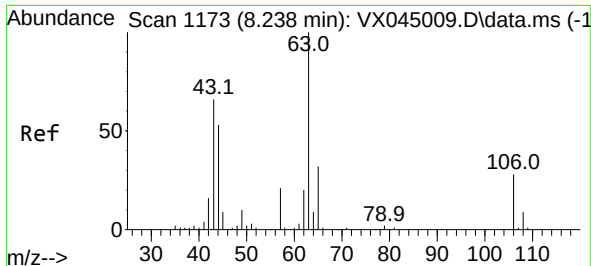


#54
 1,2-Dibromoethane
 Concen: 156.632 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29



Tgt Ion:107 Resp: 194634
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 798.256 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 788934

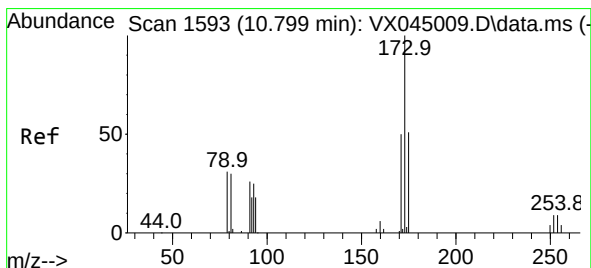
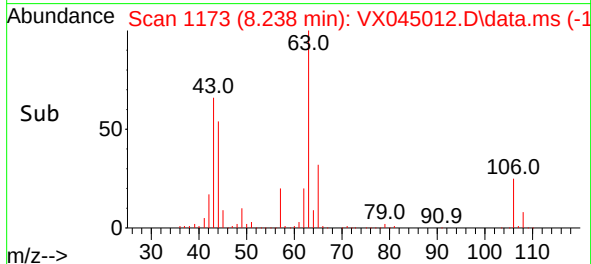
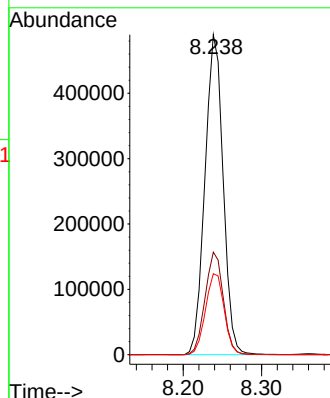
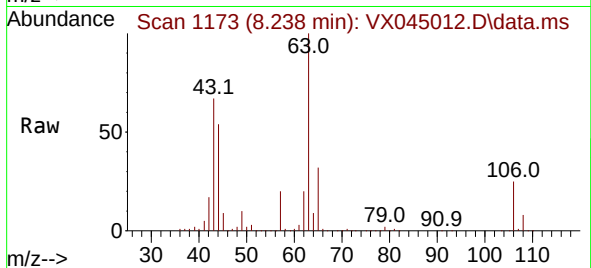
Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.2	39.2
106	26.0	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#56

Bromoform

Concen: 165.340 ug/l

RT: 10.799 min Scan# 1593

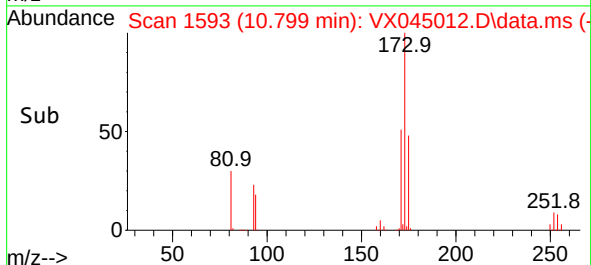
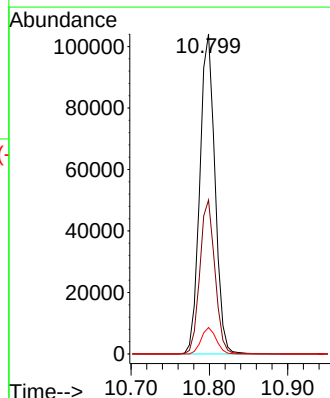
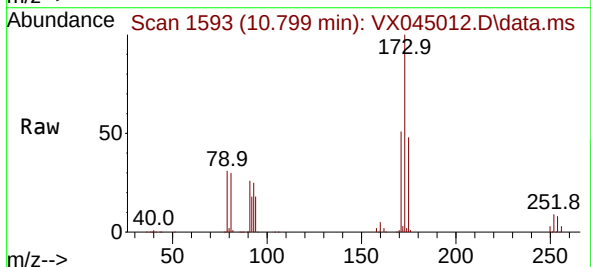
Delta R.T. -0.000 min

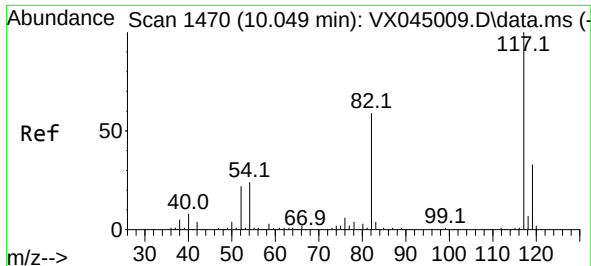
Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Tgt Ion:173 Resp: 140224

Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.6	59.4
254	8.2	6.3	9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 117 Resp: 81702

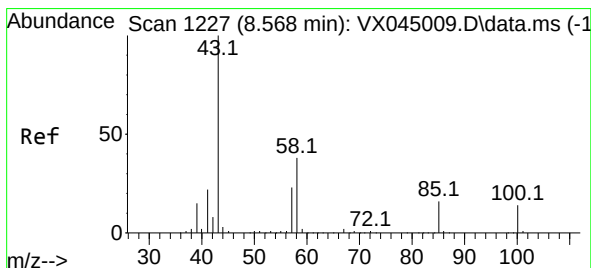
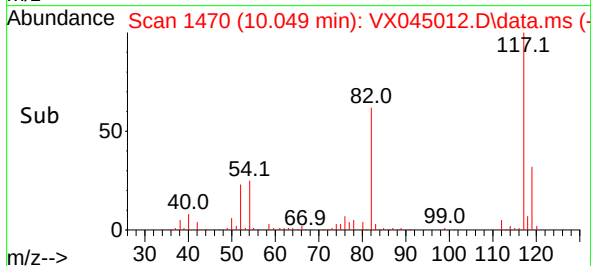
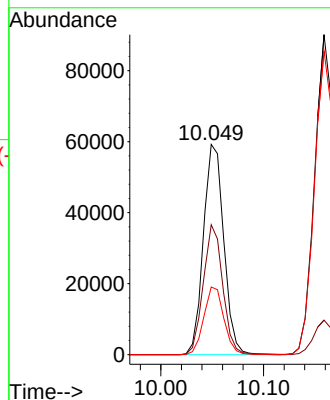
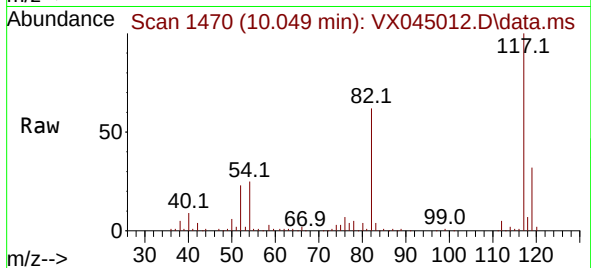
Ion	Ratio	Lower	Upper
117	100		
82	59.0	45.8	68.8
119	31.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 770.025 ug/l

RT: 8.574 min Scan# 1228

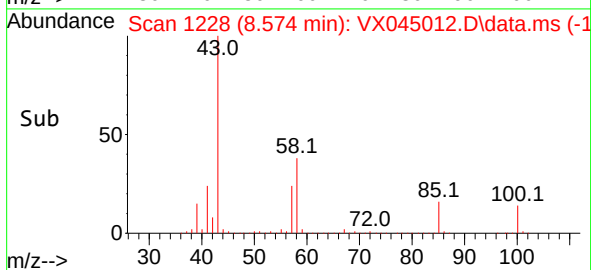
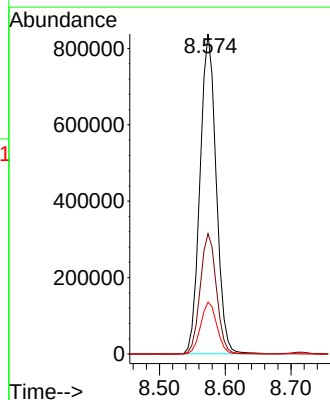
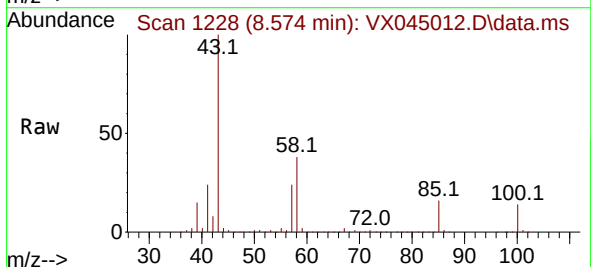
Delta R.T. 0.006 min

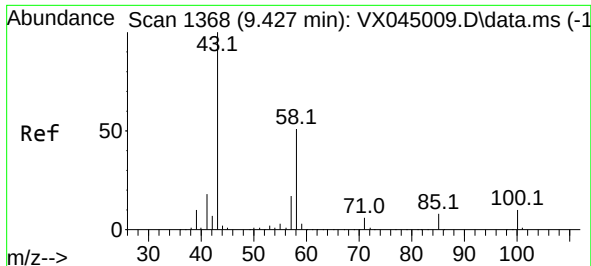
Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Tgt Ion: 43 Resp: 1431130

Ion	Ratio	Lower	Upper
43	100		
58	37.6	29.5	44.3
85	16.3	12.9	19.3





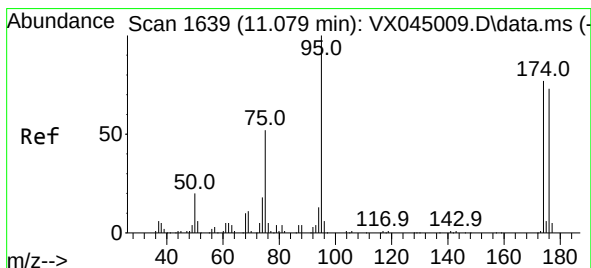
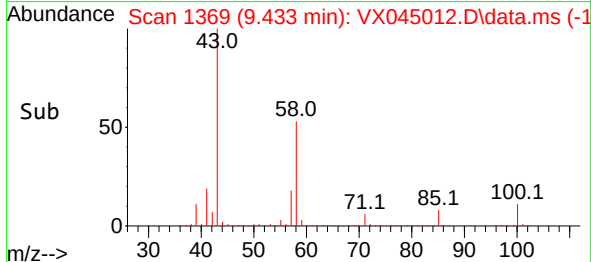
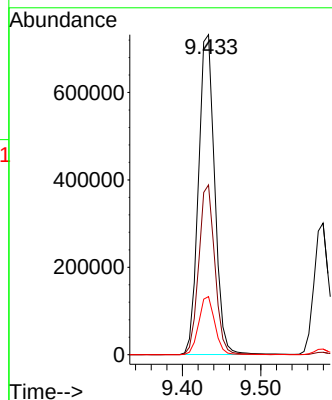
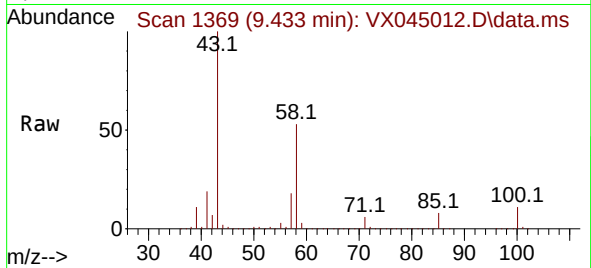
#59
2-Hexanone
Concen: 784.964 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 105450
Ion Ratio Lower Upper
43 100
58 52.4 41.6 62.4
57 18.0 13.8 20.6

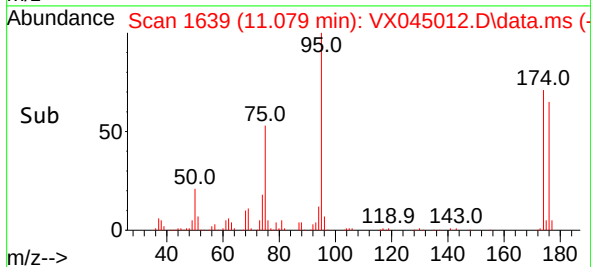
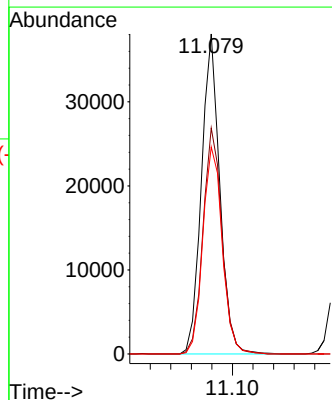
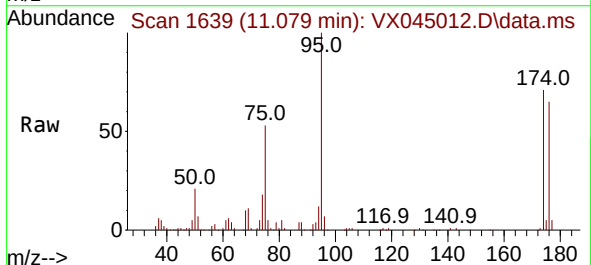
Manual Integrations
APPROVED

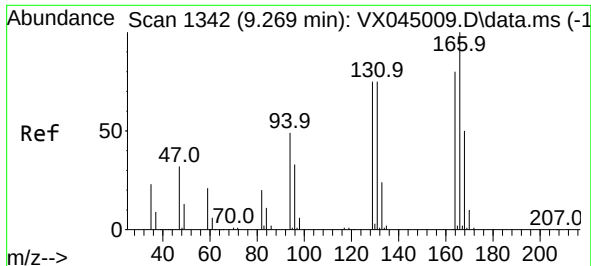
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 30.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

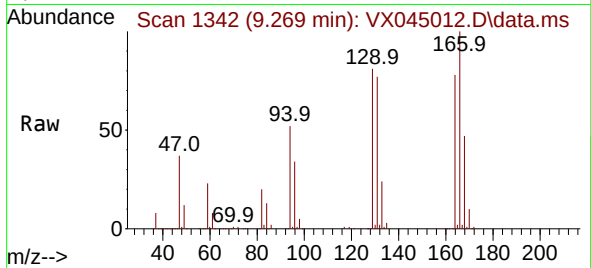
Tgt Ion: 95 Resp: 47199
Ion Ratio Lower Upper
95 100
174 73.3 59.5 89.3
176 68.6 55.5 83.3





#61
Tetrachloroethene
Concen: 148.903 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

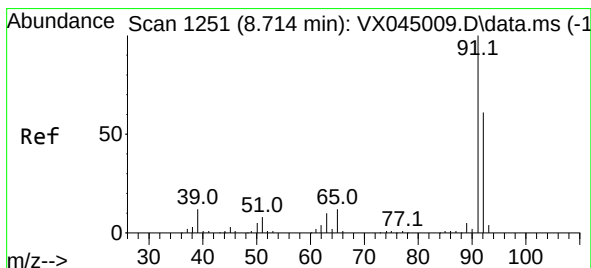
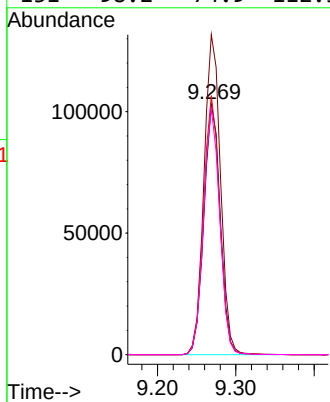
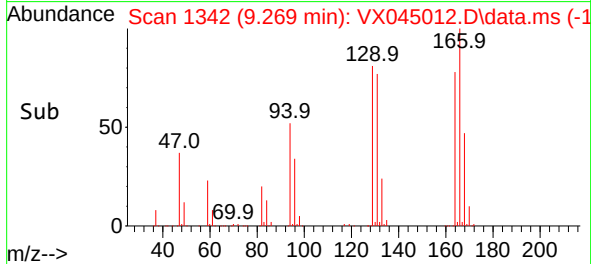
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 149808
Ion Ratio Lower Upper
164 100
166 127.7 100.3 150.5
129 103.4 75.5 113.3
131 98.2 74.9 112.3

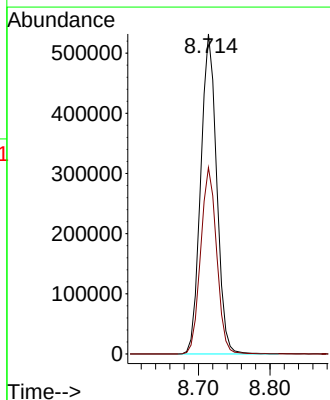
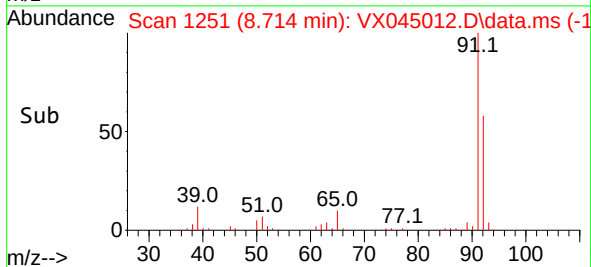
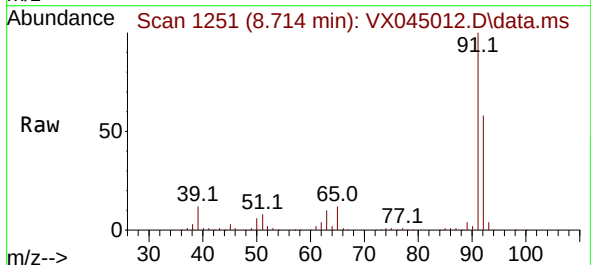
Manual Integrations
APPROVED

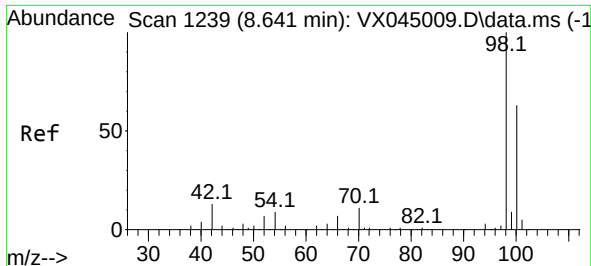
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#62
Toluene
Concen: 152.359 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 91 Resp: 824606
Ion Ratio Lower Upper
91 100
92 58.3 46.9 70.3





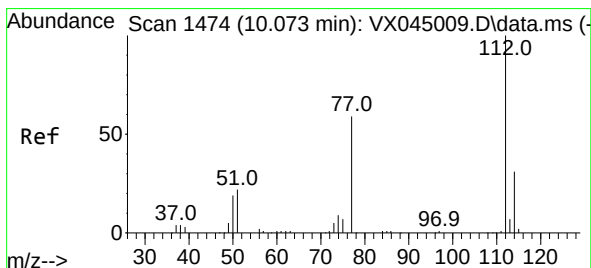
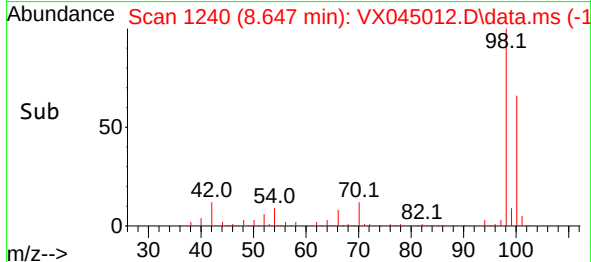
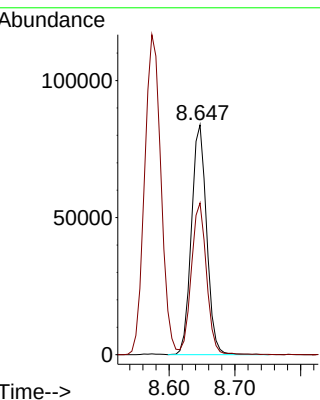
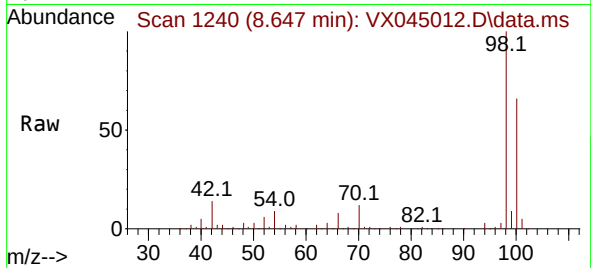
#63
Toluene-d8
Concen: 29.835 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 134852
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

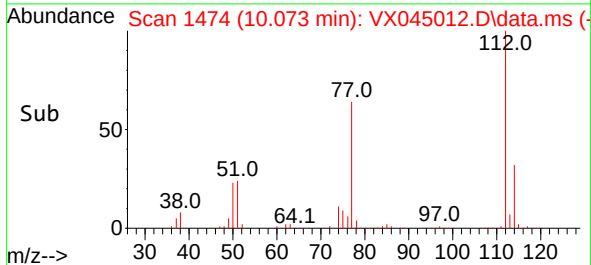
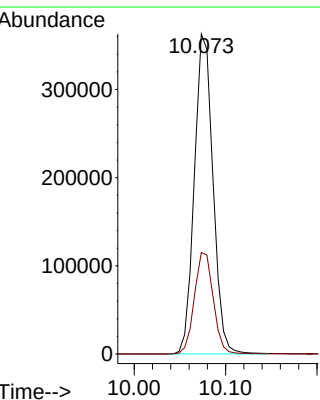
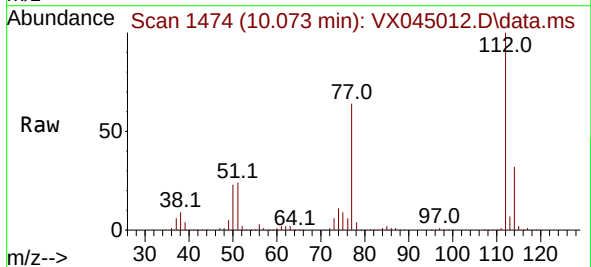
Manual Integrations
APPROVED

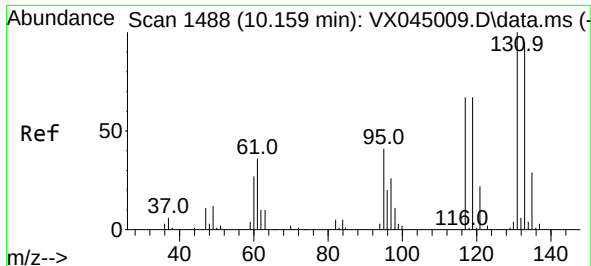
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#64
Chlorobenzene
Concen: 153.126 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

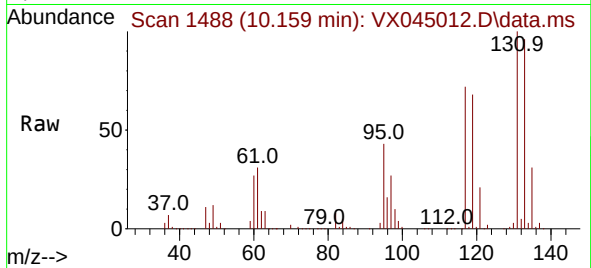
Tgt Ion:112 Resp: 513552
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 158.260 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

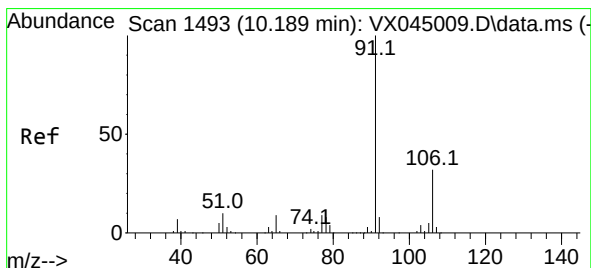
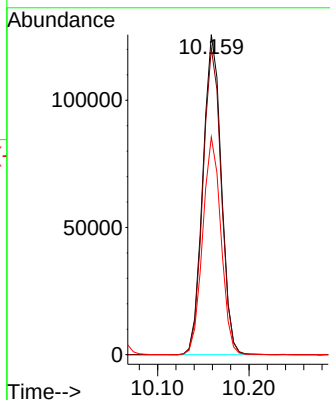
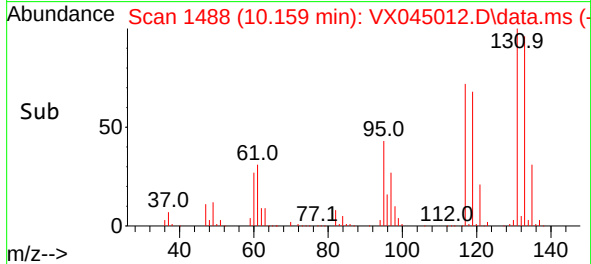
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 175139
Ion Ratio Lower Upper
131 100
133 95.6 0.0 187.8
119 67.4 0.0 133.0

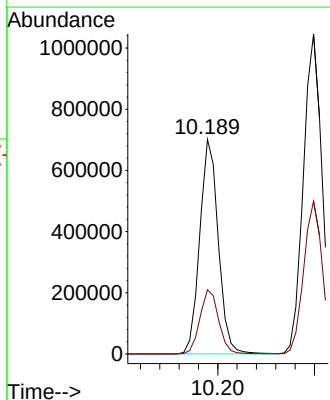
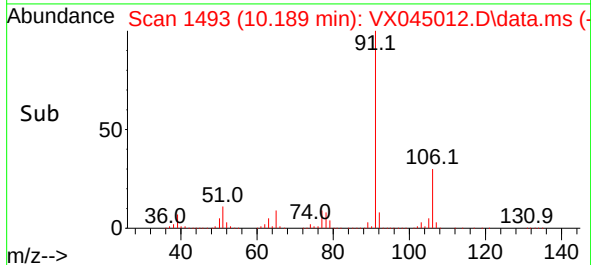
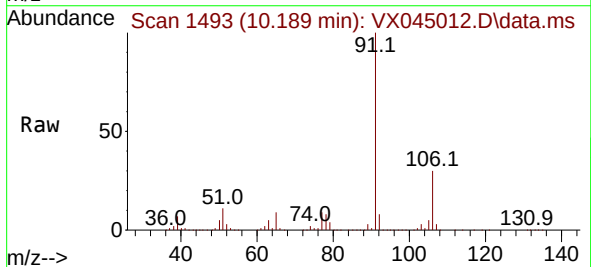
Manual Integrations
APPROVED

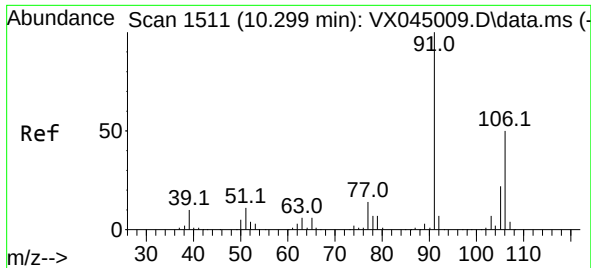
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 157.604 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 91 Resp: 933862
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2





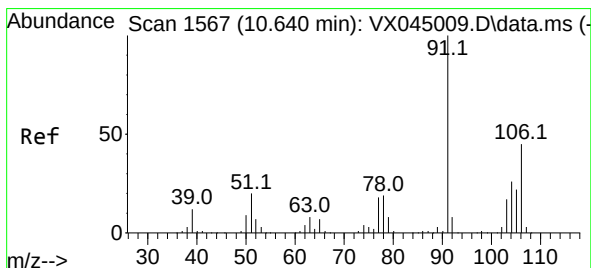
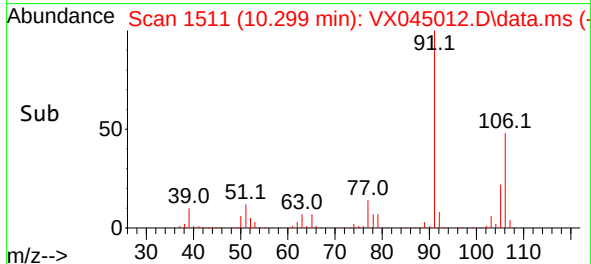
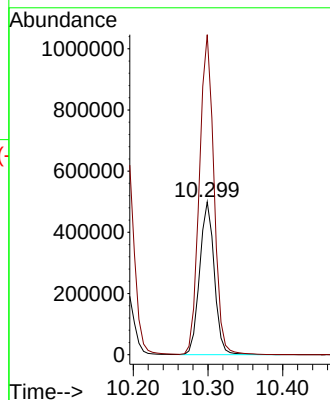
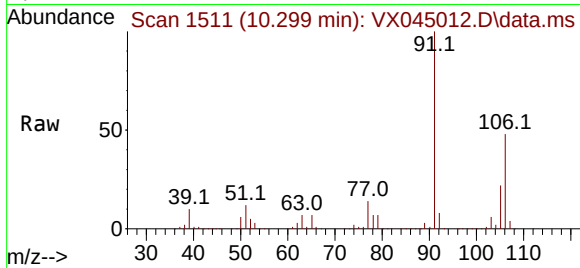
#67
m/p-Xylenes
Concen: 307.573 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 679028
Ion Ratio Lower Upper
106 100
91 208.5 163.7 245.5

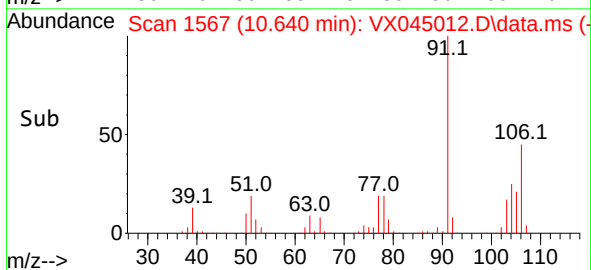
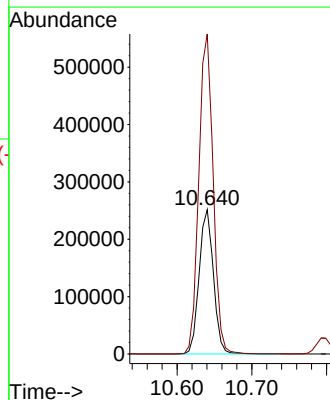
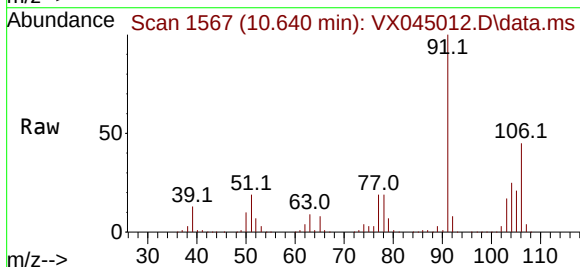
Manual Integrations
APPROVED

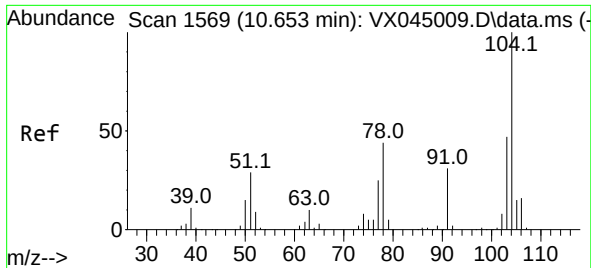
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 153.922 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion:106 Resp: 333410
Ion Ratio Lower Upper
106 100
91 222.3 109.7 329.1





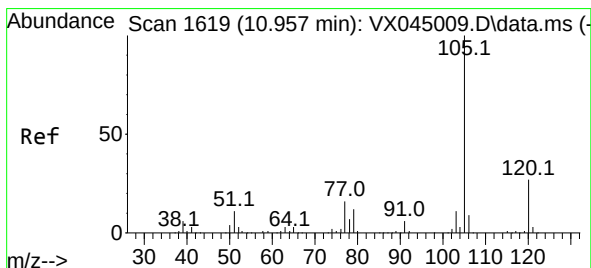
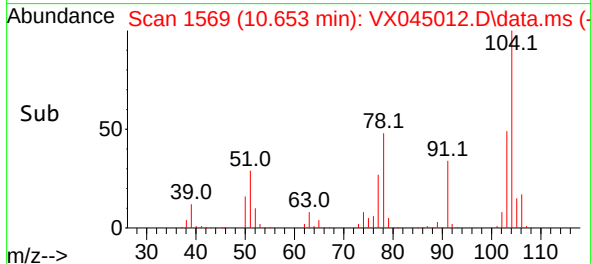
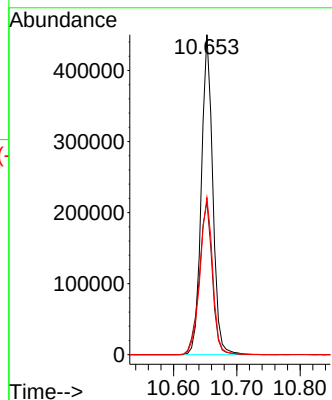
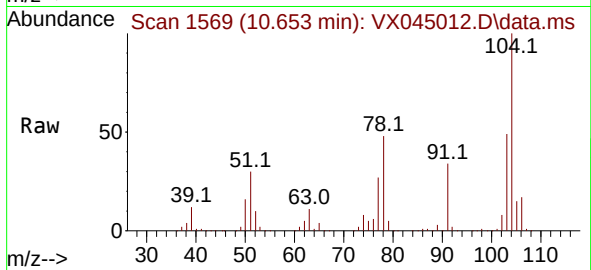
#69
Styrene
Concen: 156.470 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:104 Resp: 566072
Ion Ratio Lower Upper
104 100
78 54.2 41.4 62.0
103 54.8 43.0 64.4

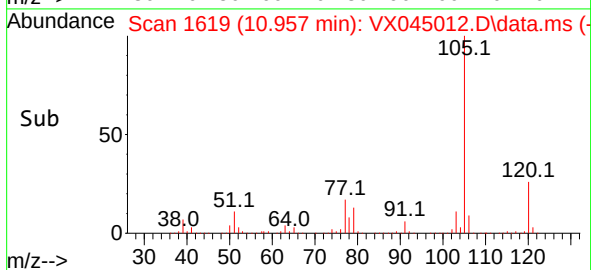
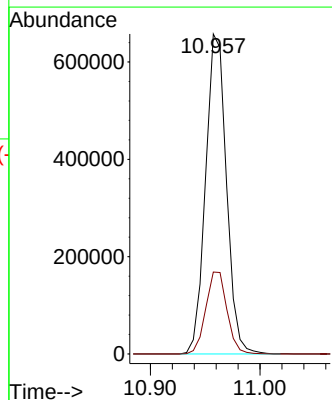
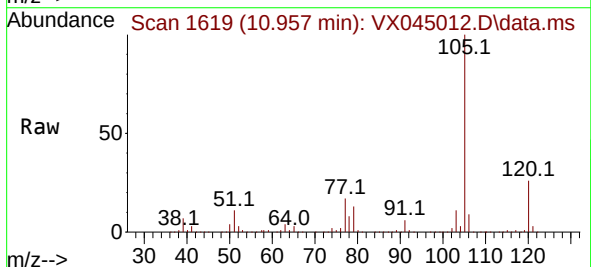
Manual Integrations
APPROVED

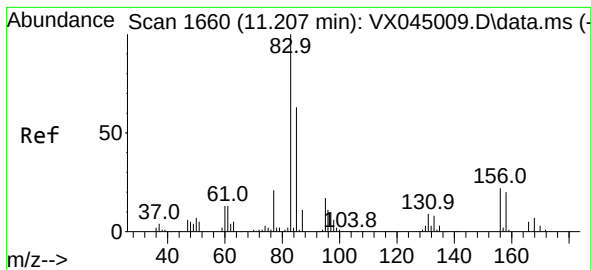
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#70
Isopropylbenzene
Concen: 155.350 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion:105 Resp: 868382
Ion Ratio Lower Upper
105 100
120 26.1 18.4 34.2





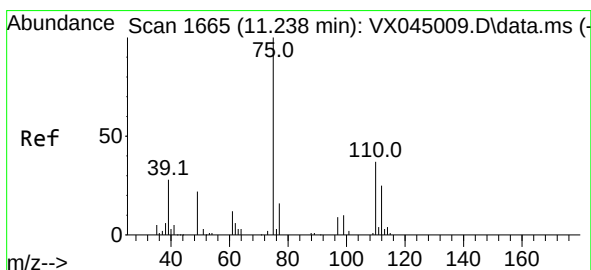
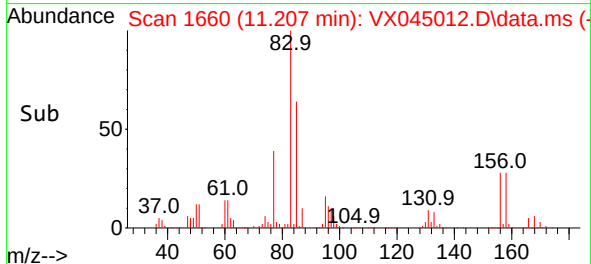
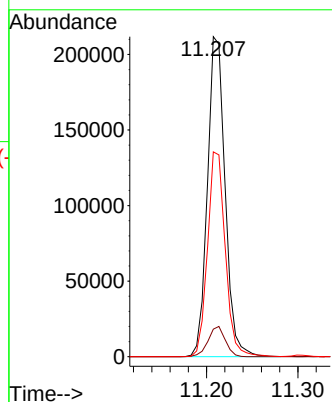
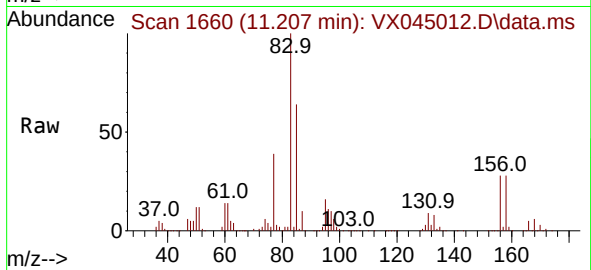
#71
1,1,2,2-Tetrachloroethane
Concen: 154.359 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 28373
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.2 32.3 96.8

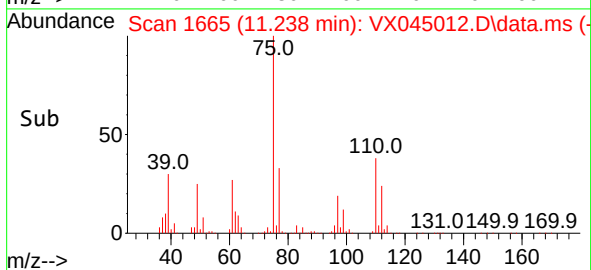
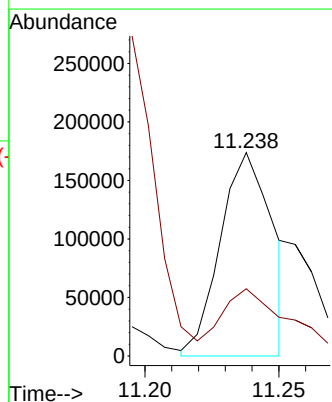
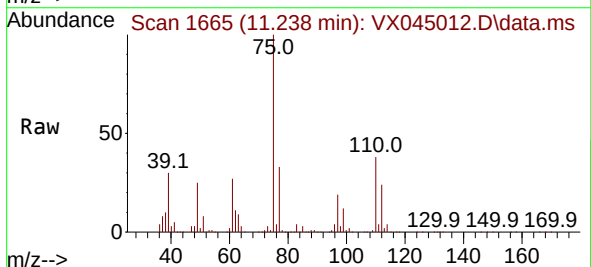
Manual Integrations
APPROVED

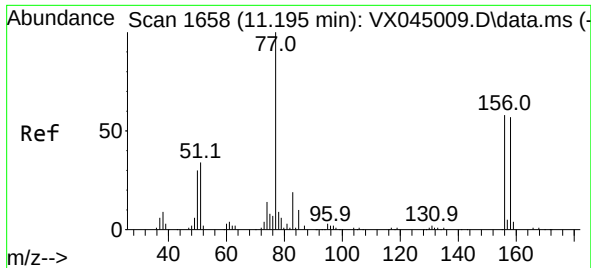
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 155.182 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

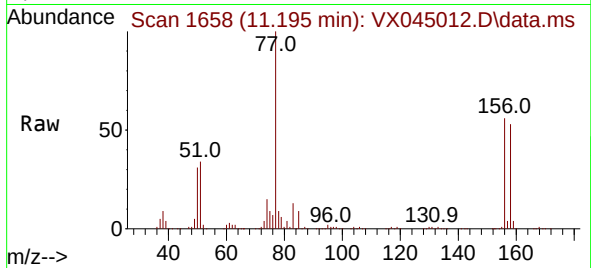
Tgt Ion: 75 Resp: 234613
Ion Ratio Lower Upper
75 100
77 43.4 0.0 84.0





#73
Bromobenzene
Concen: 154.147 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

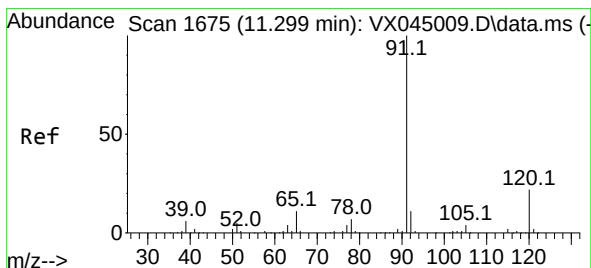
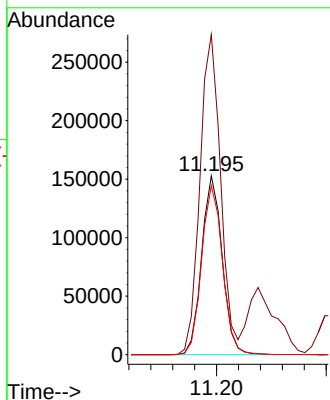
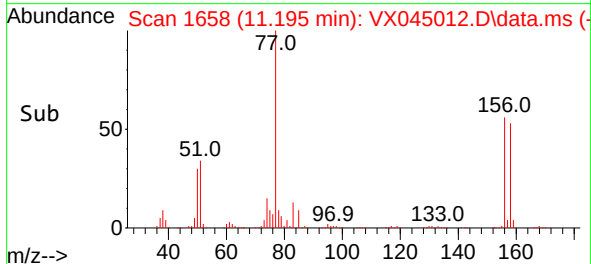
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



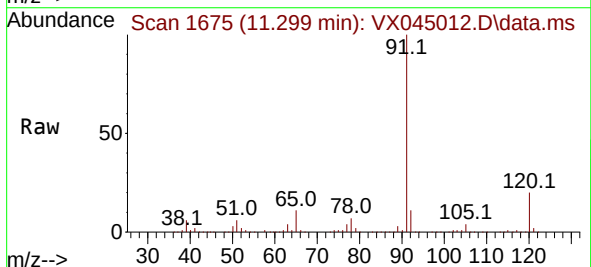
Tgt Ion:156 Resp: 198360
Ion Ratio Lower Upper
156 100
77 180.7 0.0 347.2
158 96.4 0.0 197.6

Manual Integrations
APPROVED

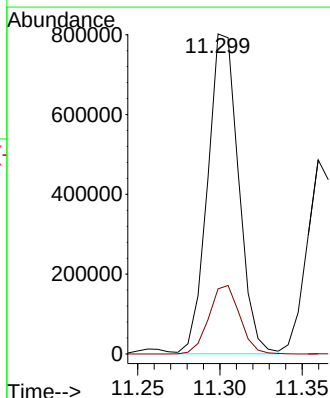
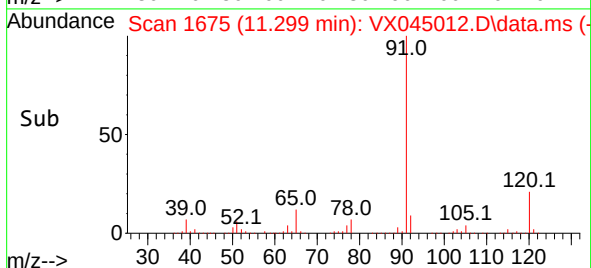
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

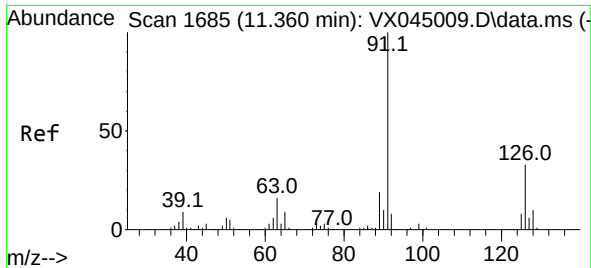


#74
n-propylbenzene
Concen: 157.793 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



Tgt Ion: 91 Resp: 1049645
Ion Ratio Lower Upper
91 100
120 21.4 0.0 44.2





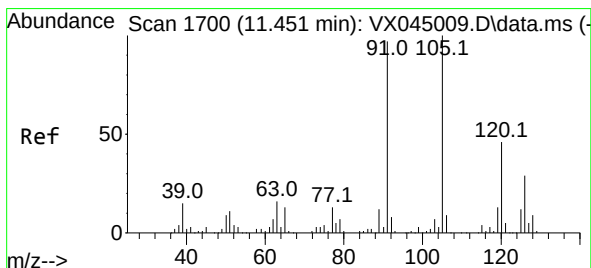
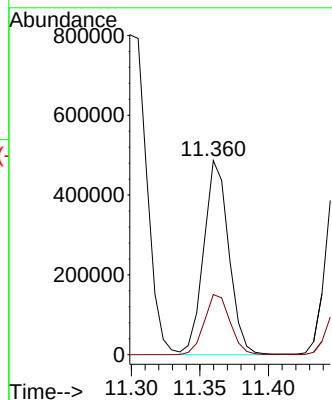
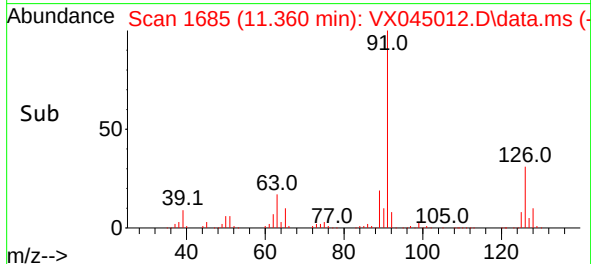
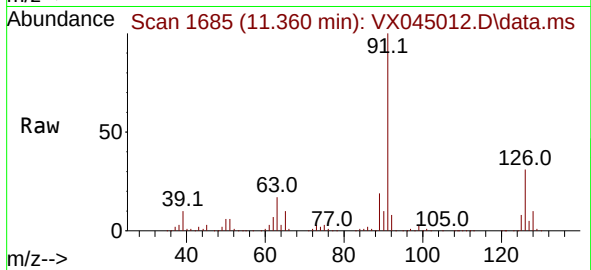
#75
2-Chlorotoluene
Concen: 153.997 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 619308
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.4

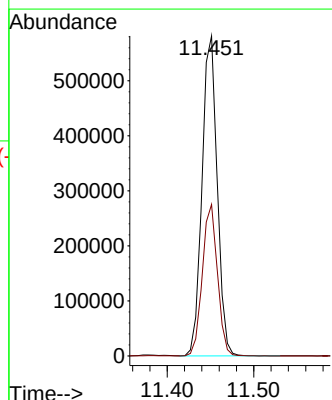
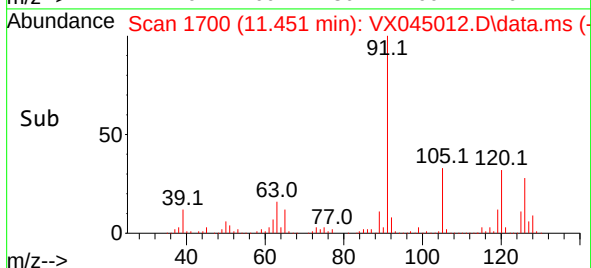
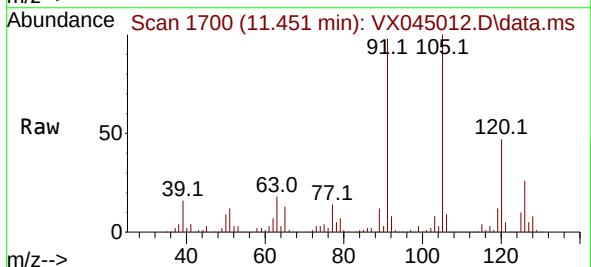
Manual Integrations
APPROVED

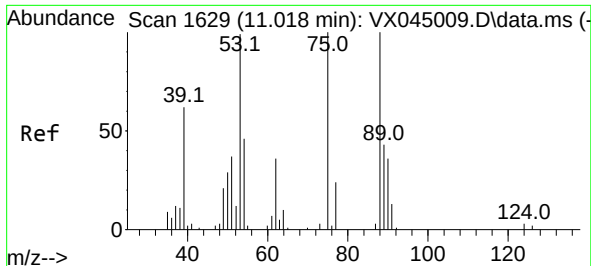
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 153.508 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion:105 Resp: 707908
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.4





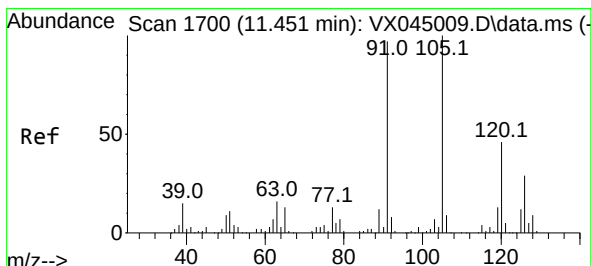
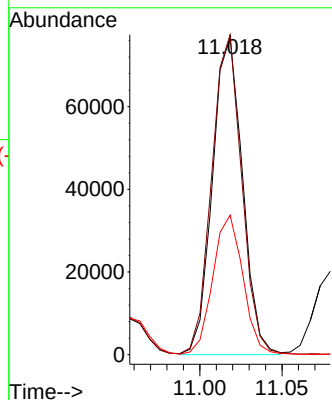
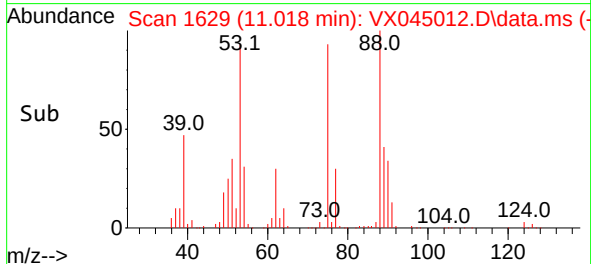
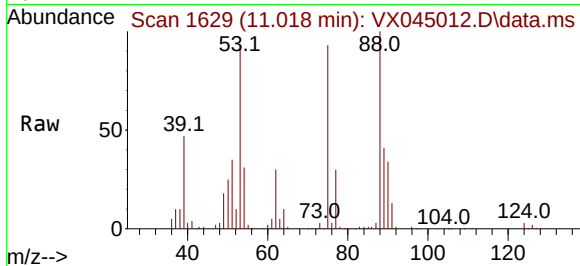
#77
t-1,4-Dichloro-2-butene
Concen: 191.694 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 9750
Ion Ratio Lower Upper
75 100
53 100.7 49.8 149.4
89 43.9 21.4 64.2

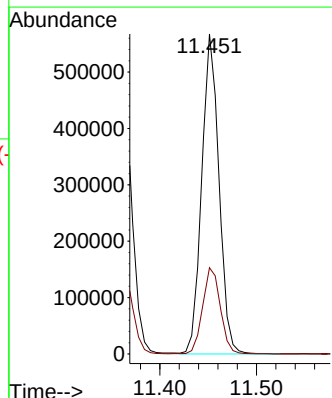
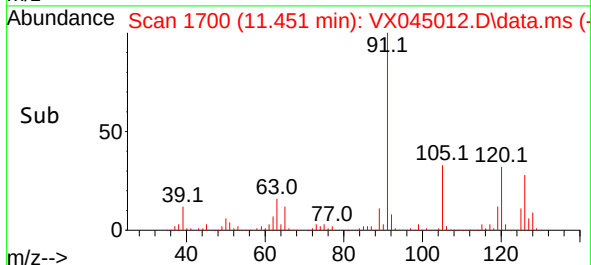
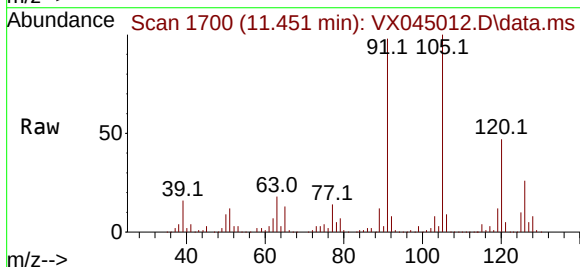
Manual Integrations
APPROVED

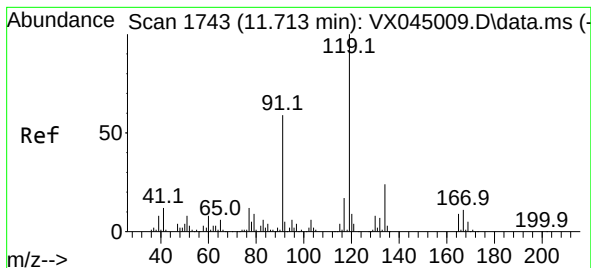
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 157.047 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

Tgt Ion: 91 Resp: 704032
Ion Ratio Lower Upper
91 100
126 27.7 0.0 58.0





#79

tert-butylbenzene

Concen: 154.110 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

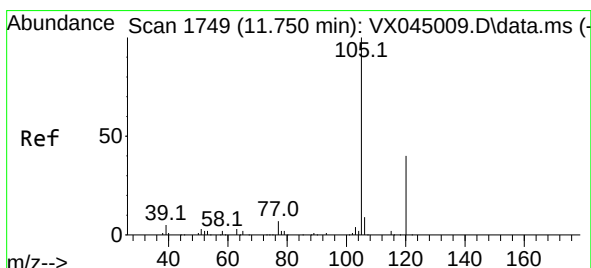
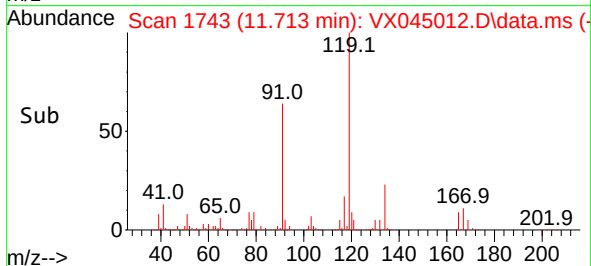
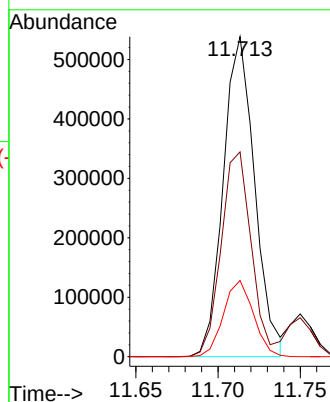
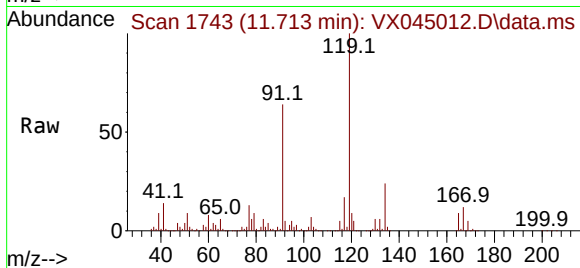
Tgt Ion:	119	Resp:	716064
Ion Ratio	Lower	Upper	
119	100		
91	61.0	0.0	120.6
134	22.8	0.0	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#80

1,2,4-Trimethylbenzene

Concen: 153.746 ug/l

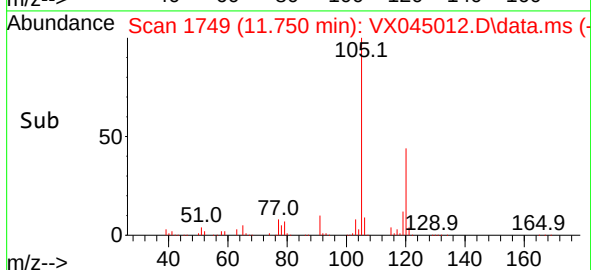
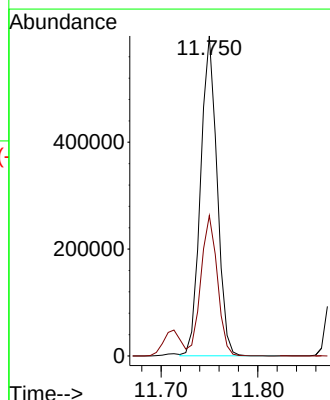
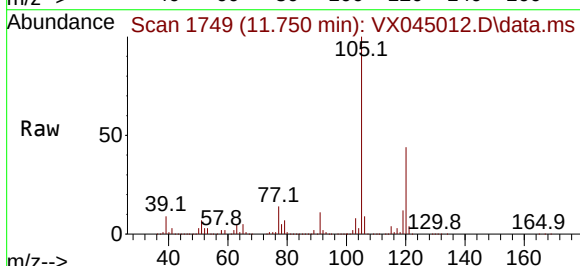
RT: 11.750 min Scan# 1749

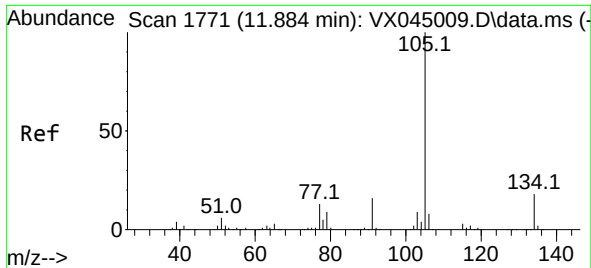
Delta R.T. -0.000 min

Lab File: VX045012.D

Acq: 21 Feb 2025 11:29

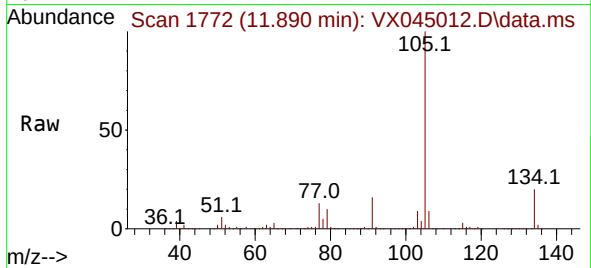
Tgt Ion:	105	Resp:	710215
Ion Ratio	Lower	Upper	
105	100		
120	44.1	0.0	88.4





#81
 sec-Butylbenzene
 Concen: 156.100 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. 0.006 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29

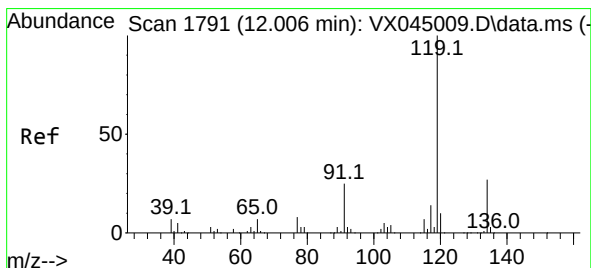
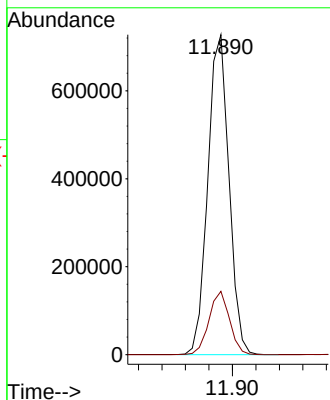
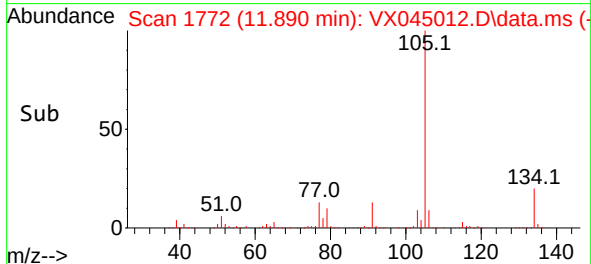
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



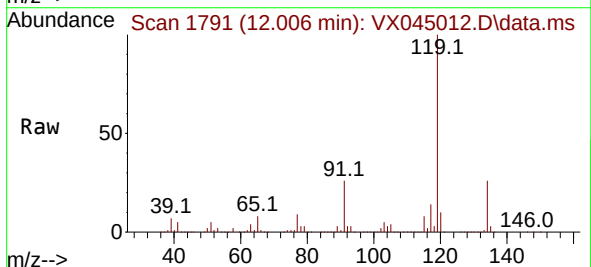
Tgt Ion:105 Resp: 910294
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0

Manual Integrations
 APPROVED

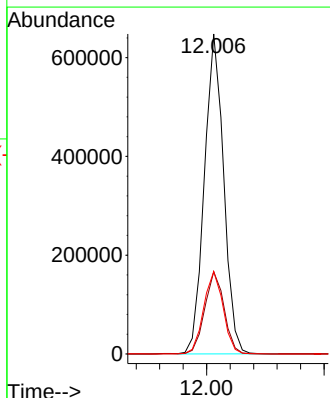
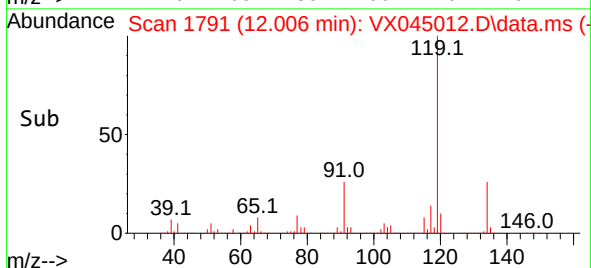
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

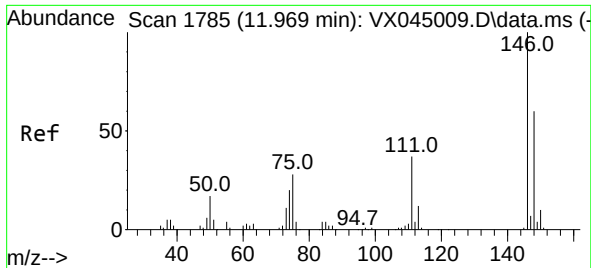


#82
 p-Isopropyltoluene
 Concen: 156.297 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045012.D
 Acq: 21 Feb 2025 11:29



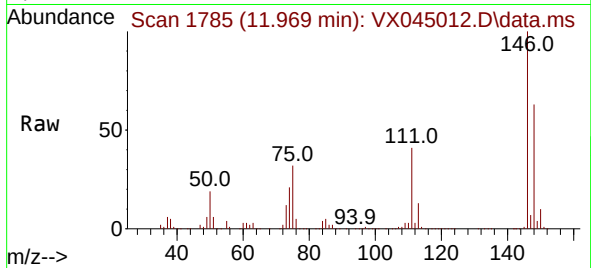
Tgt Ion:119 Resp: 738494
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 25.9 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 155.340 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

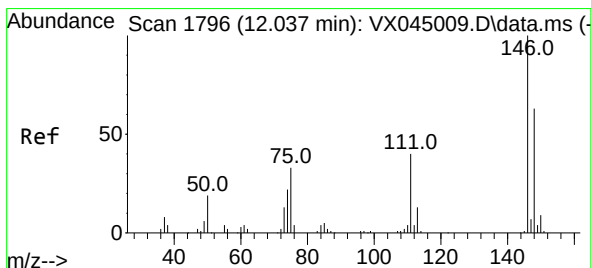
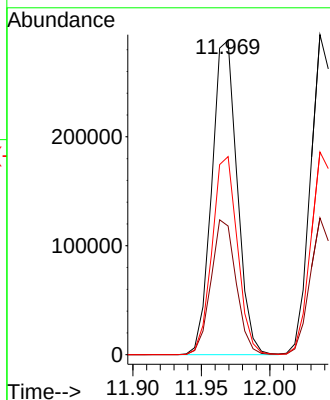
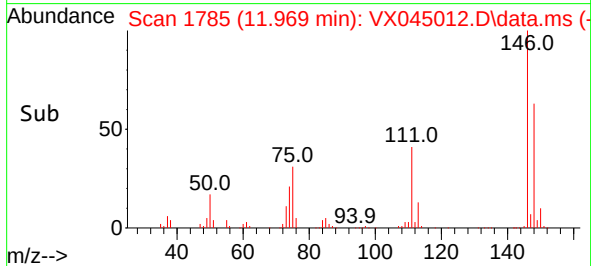
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



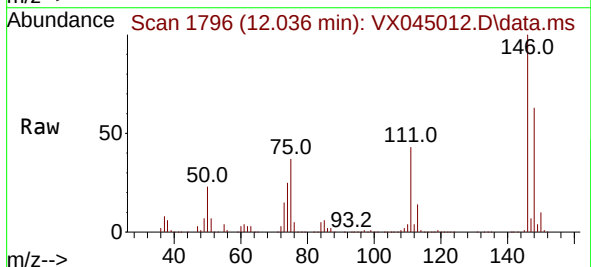
Tgt Ion:146 Resp: 37192
Ion Ratio Lower Upper
146 100
111 42.5 20.2 60.5
148 63.0 31.2 93.6

Manual Integrations
APPROVED

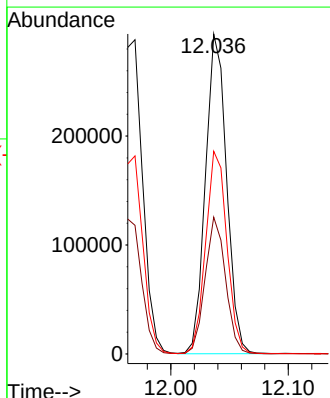
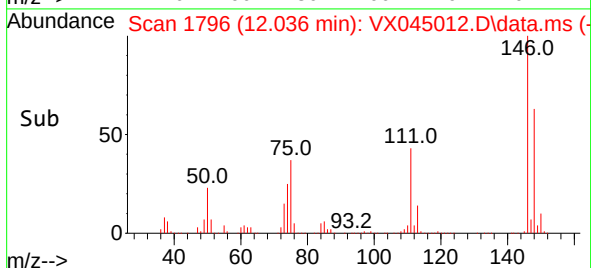
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

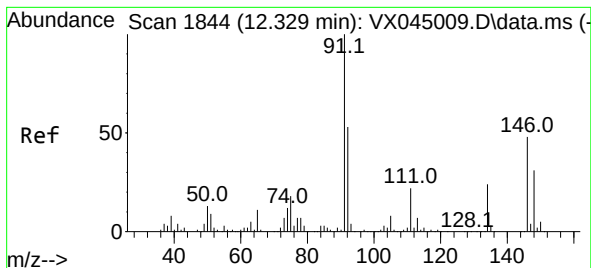


#84
1,4-Dichlorobenzene
Concen: 155.264 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



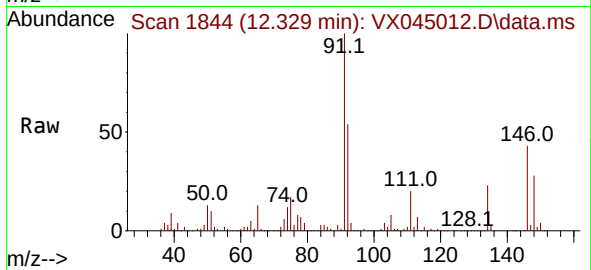
Tgt Ion:146 Resp: 366532
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 63.6 31.8 95.4





#85
n-Butylbenzene
Concen: 164.749 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

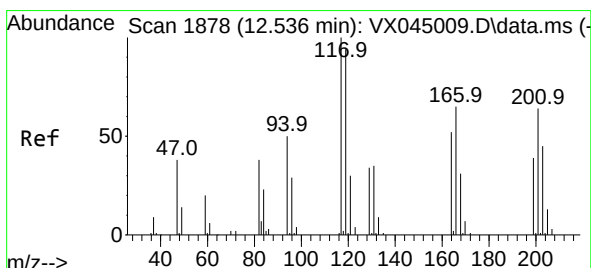
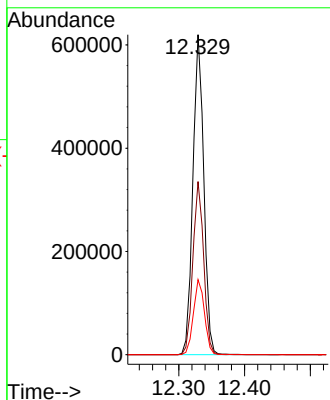
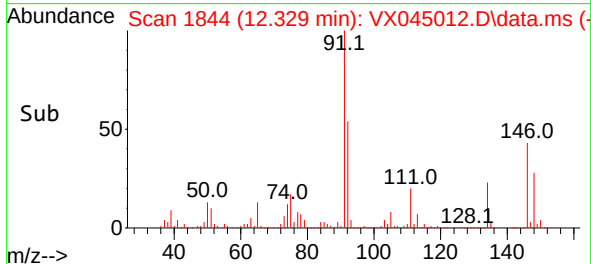
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 710840
Ion Ratio Lower Upper
91 100
92 53.7 0.0 105.2
134 23.9 0.0 49.4

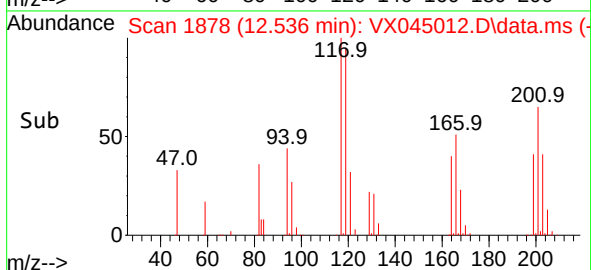
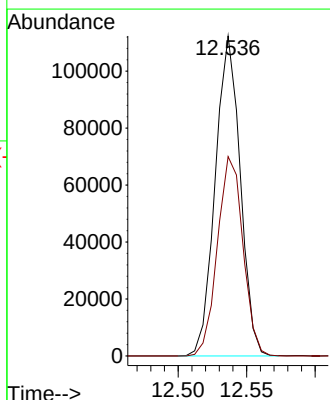
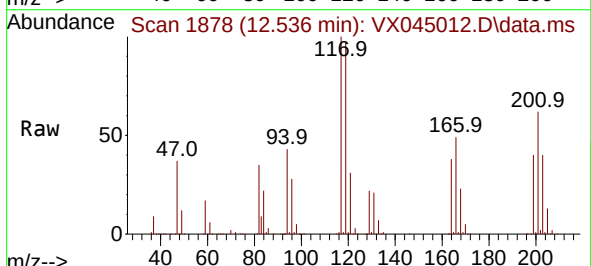
Manual Integrations
APPROVED

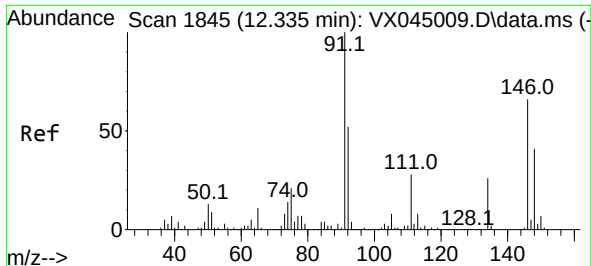
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 170.855 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

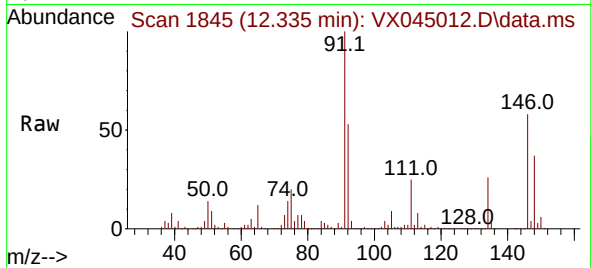
Tgt Ion:117 Resp: 142372
Ion Ratio Lower Upper
117 100
201 63.8 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 151.688 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

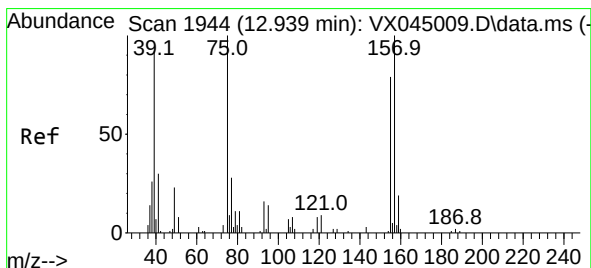
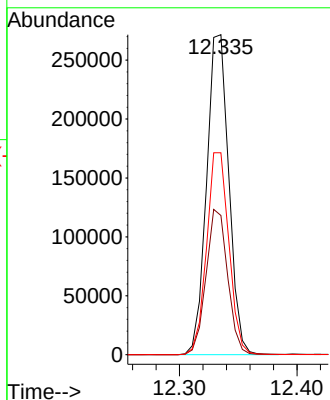
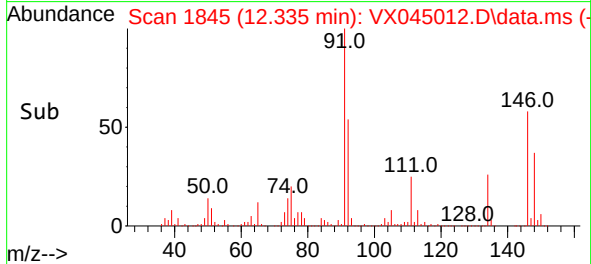
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



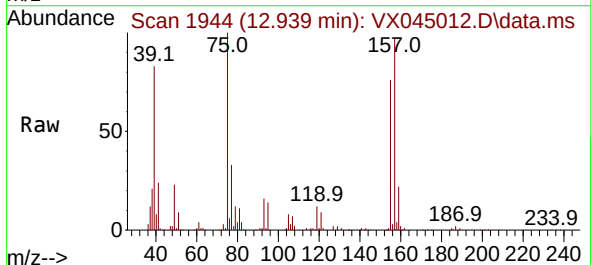
Tgt Ion:146 Resp: 35634
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 63.4 31.8 95.4

Manual Integrations
APPROVED

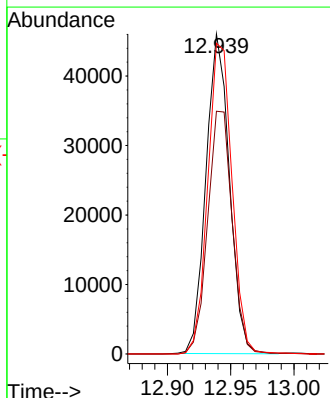
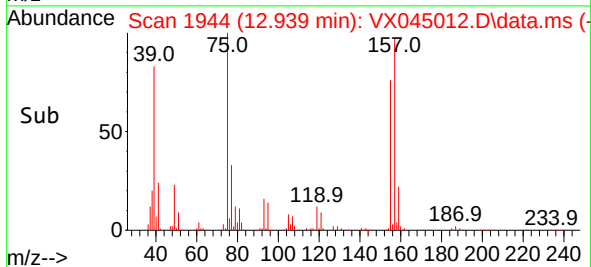
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

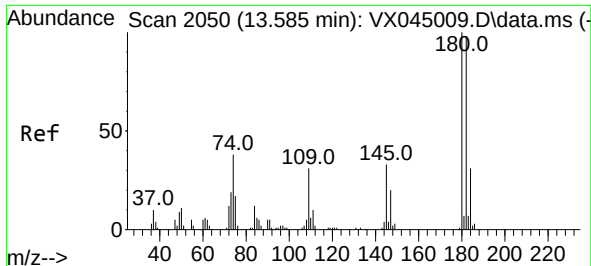


#88
1,2-Dibromo-3-Chloropropane
Concen: 166.653 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



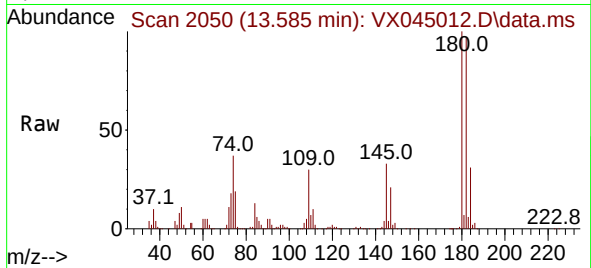
Tgt Ion: 75 Resp: 59310
Ion Ratio Lower Upper
75 100
155 79.4 66.2 99.4
157 100.8 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 167.248 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

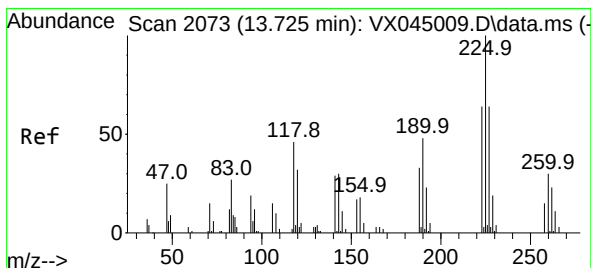
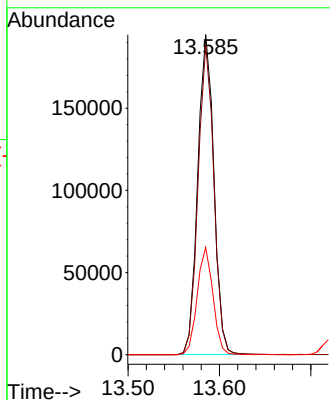
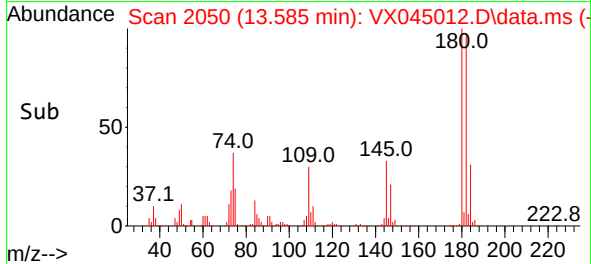
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:180 Resp: 238129
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 32.8 25.8 38.6

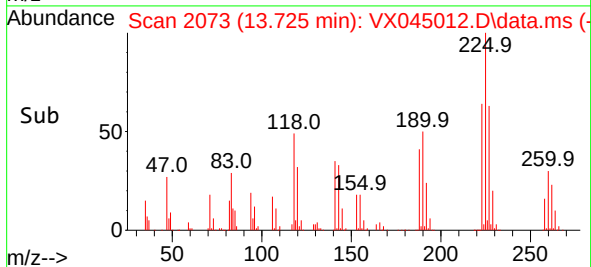
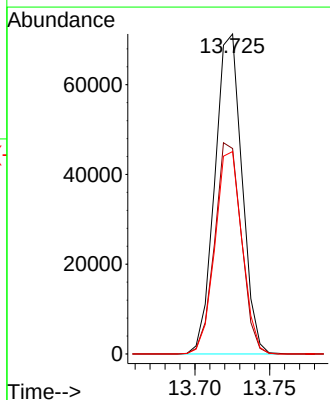
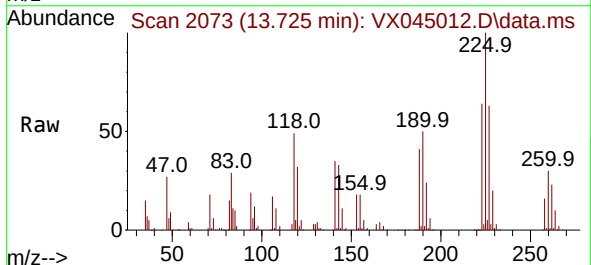
Manual Integrations
APPROVED

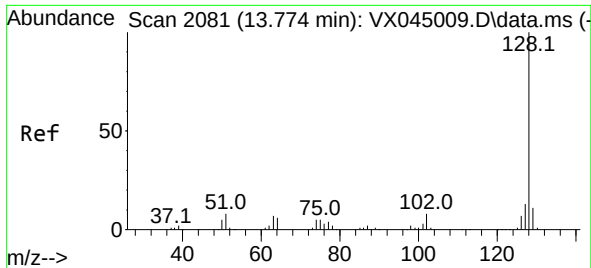
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#90
Hexachlorobutadiene
Concen: 155.145 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

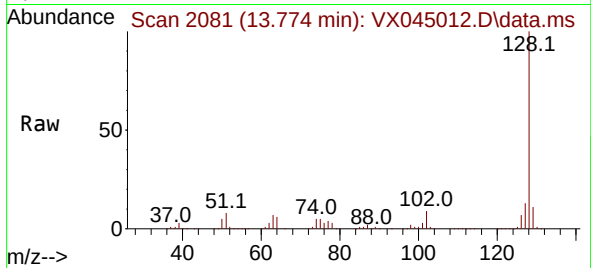
Tgt Ion:225 Resp: 90085
Ion Ratio Lower Upper
225 100
223 64.8 0.0 123.4
227 63.2 0.0 127.4





#91
Naphthalene
Concen: 165.262 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29

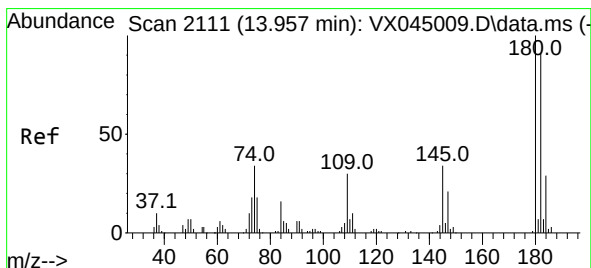
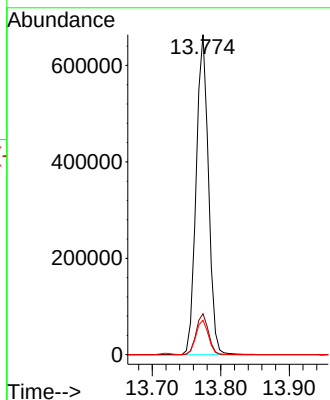
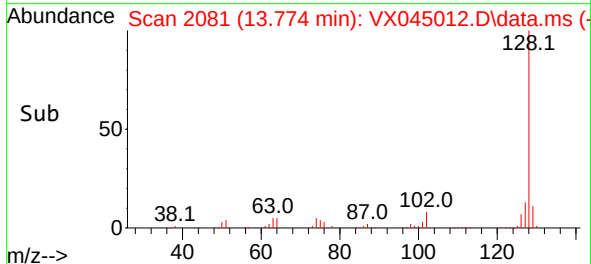
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



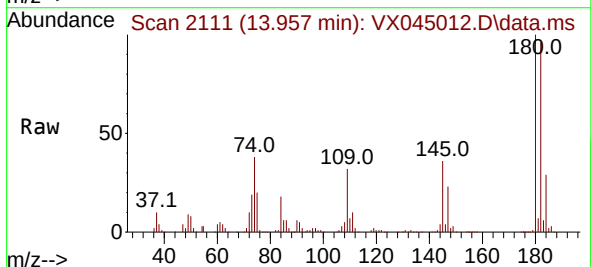
Tgt Ion:128 Resp: 829698
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#92
1,2,3-Trichlorobenzene
Concen: 161.124 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045012.D
Acq: 21 Feb 2025 11:29



Tgt Ion:180 Resp: 236181
Ion Ratio Lower Upper
180 100
182 94.5 0.0 186.6
145 34.8 0.0 68.4

