

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045010.D
 Acq On : 21 Feb 2025 10:44
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 00:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	17467	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	96411	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	89300	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	49656	29.270	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.567%		
60) 4-Bromofluorobenzene	11.079	95	50413	30.203	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.667%		
63) Toluene-d8	8.647	98	147315	29.819	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74849	50.833	ug/l	98
3) Chloromethane	1.294	50	90776	51.472	ug/l	98
4) Vinyl Chloride	1.374	62	84944	49.915	ug/l	100
5) Bromomethane	1.593	94	28963	48.894	ug/l	97
6) Chloroethane	1.672	64	51012	55.346	ug/l	92
7) Trichlorofluoromethane	1.880	101	115517	50.505	ug/l	95
8) Diethyl Ether	2.130	74	43032	49.726	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	68750	50.609	ug/l	97
10) 1,1-Dichloroethene	2.312	96	66962	50.466	ug/l	92
11) Methyl Iodide	2.447	142	81166	54.046	ug/l	97
12) Methyl Acetate	2.697	43	78286	50.808	ug/l	100
13) Acrolein	2.233	56	76736	248.462	ug/l	98
14) Acrylonitrile	3.056	53	196184	260.667	ug/l	99
15) Acetone	2.373	58	51483	249.418	ug/l	95
16) Carbon Disulfide	2.508	76	188973	50.210	ug/l	100
17) Allyl chloride	2.660	41	125778	50.682	ug/l	98
18) Methylene Chloride	2.782	84	76235	51.081	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	68253	50.843	ug/l	94
20) Diisopropyl ether	3.751	45	243734	51.107	ug/l	96
21) 1,1-Dichloroethane	3.599	63	131223	49.475	ug/l	100
22) cis-1,2-Dichloroethene	4.477	96	79440	49.382	ug/l	97
23) tert-Butyl Alcohol	2.959	59	69182	262.986	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	218792	50.521	ug/l	99
25) Chloroform	5.086	83	128252	50.062	ug/l	99
26) Cyclohexane	5.458	56	124373	50.802	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	90516	51.038	ug/l	99
30) 2-Butanone	4.544	43	267770	261.401	ug/l	99
31) 2,2-Dichloropropane	4.465	77	101966	50.846	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	110282	51.322	ug/l	99
33) Carbon Tetrachloride	5.672	117	92530	51.023	ug/l	99
34) Benzene	6.031	78	286826	51.573	ug/l	98
35) Methacrylonitrile	4.910	41	59021	53.843	ug/l	98
36) 1,2-Dichloroethane	6.080	62	96405	50.630	ug/l	98
37) Trichloroethene	7.116	130	66131	50.826	ug/l	95
38) Methylcyclohexane	7.373	83	122650	51.506	ug/l	98
39) 1,2-Dichloropropane	7.421	63	68553	49.579	ug/l	97
40) Dibromomethane	7.574	93	50034	50.426	ug/l	99
41) Bromodichloromethane	7.818	83	100442	50.932	ug/l	99
42) Vinyl Acetate	3.715	43	1047506	263.518	ug/l	100

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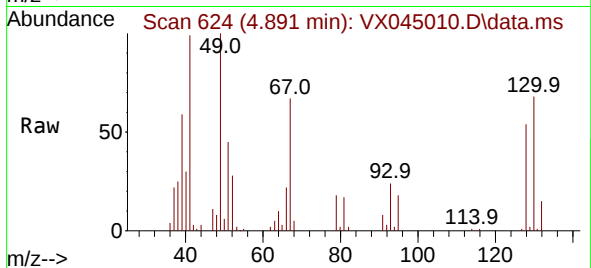
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	97995	51.012	ug/l	98
44) Isopropyl Acetate	6.330	43	165983	52.497	ug/l	99
45) 1,4-Dioxane	7.653	88	36320	1105.035	ug/l	98
46) Methyl methacrylate	7.690	41	82008	52.896	ug/l	99
47) n-amyl Acetate	10.841	43	148104	53.981	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	98986	52.075	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	110953	51.564	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	66444	51.339	ug/l	97
51) Ethyl methacrylate	9.110	69	108669	53.387	ug/l	97
52) 1,3-Dichloropropane	9.305	76	116358	51.310	ug/l	99
53) Dibromochloromethane	9.518	129	73437	51.304	ug/l	96
54) 1,2-Dibromoethane	9.604	107	67926	51.685	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	272372	260.575	ug/l	100
56) Bromoform	10.799	173	47891	53.392	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	543908	267.752	ug/l	100
59) 2-Hexanone	9.427	43	398198	271.195	ug/l	99
61) Tetrachloroethene	9.269	164	54607	49.659	ug/l	94
62) Toluene	8.714	91	296930	50.195	ug/l	100
64) Chlorobenzene	10.073	112	185159	50.511	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	60773	50.244	ug/l	99
66) Ethyl Benzene	10.189	91	330414	51.018	ug/l	98
67) m/p-Xylenes	10.299	106	244916	101.498	ug/l	97
68) o-Xylene	10.640	106	120934	51.080	ug/l	100
69) Styrene	10.652	104	202875	51.306	ug/l	99
70) Isopropylbenzene	10.957	105	310911	50.888	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	104665	52.096	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	86752m	52.499	ug/l	
73) Bromobenzene	11.195	156	72207	51.338	ug/l	99
74) n-propylbenzene	11.299	91	377855	51.970	ug/l	99
75) 2-Chlorotoluene	11.360	91	223666	50.885	ug/l	100
76) 1,3,5-Trimethylbenzene	11.445	105	260432	51.669	ug/l	99
77) t-1,4-Dichloro-2-butene	11.012	75	29634	53.302	ug/l	95
78) 4-Chlorotoluene	11.451	91	250953	51.217	ug/l	99
79) tert-butylbenzene	11.713	119	264815	52.144	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	263122	52.114	ug/l	100
81) sec-Butylbenzene	11.884	105	328940	51.608	ug/l	100
82) p-Isopropyltoluene	12.006	119	269490	52.183	ug/l	98
83) 1,3-Dichlorobenzene	11.963	146	134685	51.467	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	135436	52.490	ug/l	99
85) n-Butylbenzene	12.329	91	249242	52.851	ug/l	98
86) Hexachloroethane	12.536	117	47866	52.555	ug/l	98
87) 1,2-Dichlorobenzene	12.329	146	133123	51.846	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	19763	50.807	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	80472	51.710	ug/l	99
90) Hexachlorobutadiene	13.725	225	31734	50.003	ug/l	99
91) Naphthalene	13.774	128	288823	52.634	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	81734	51.015	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

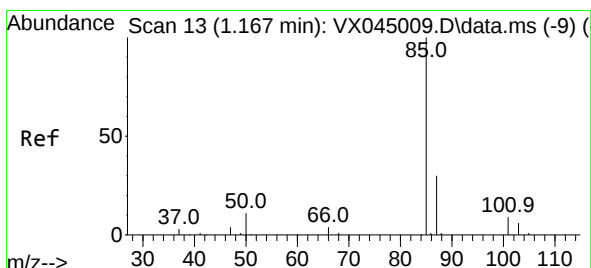
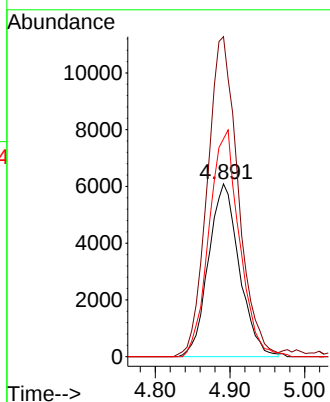
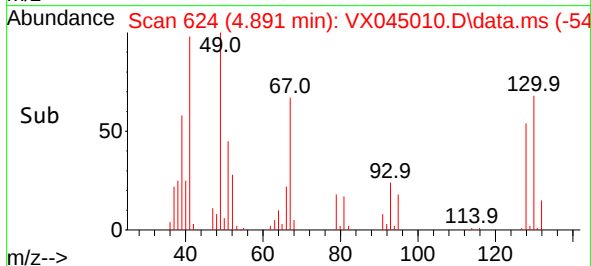
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 1746
Ion Ratio Lower Upper
128 100
49 185.3 0.0 449.7
130 129.3 0.0 312.7

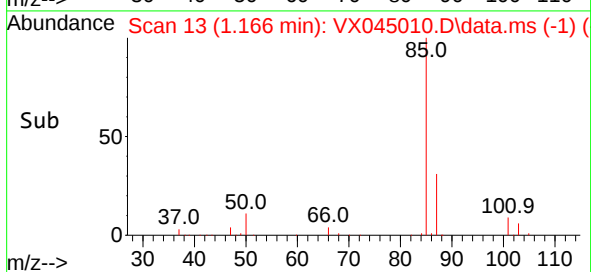
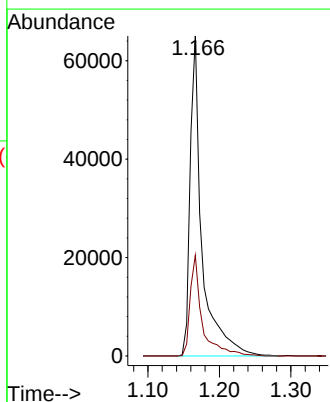
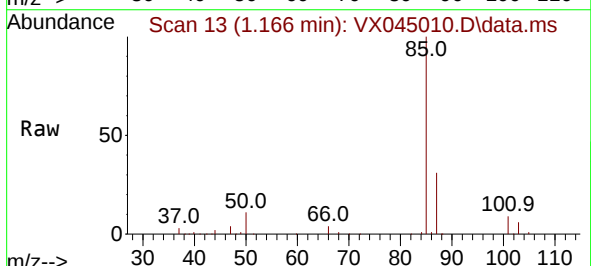
Manual Integrations
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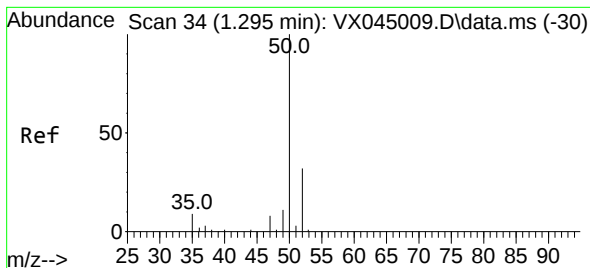
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#2
Dichlorodifluoromethane
Concen: 50.833 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 85 Resp: 74849
Ion Ratio Lower Upper
85 100
87 31.5 15.1 45.3





#3

Chloromethane

Concen: 51.472 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 50 Resp: 90776

Ion Ratio Lower Upper

50 100

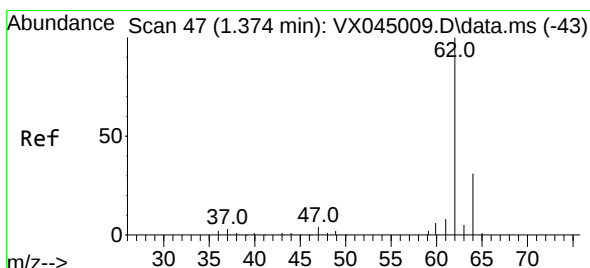
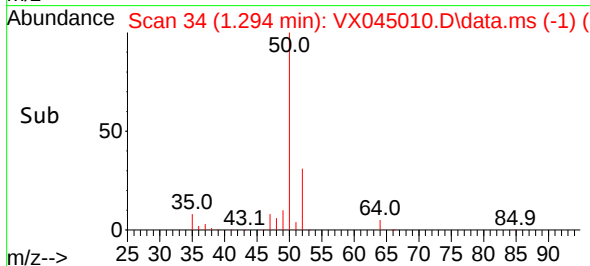
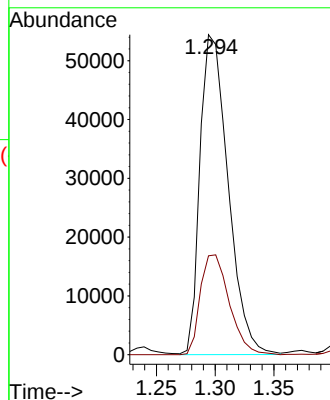
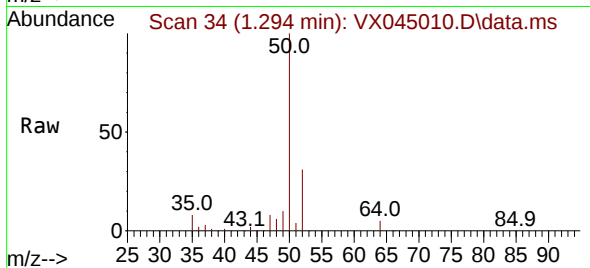
52 31.0 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#4

Vinyl Chloride

Concen: 49.915 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX045010.D

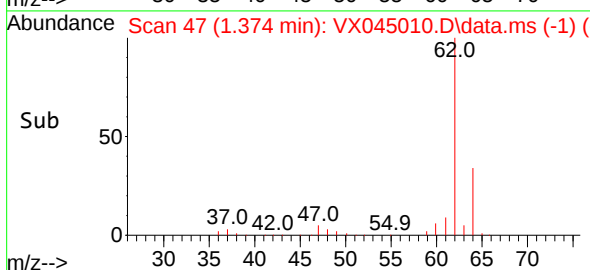
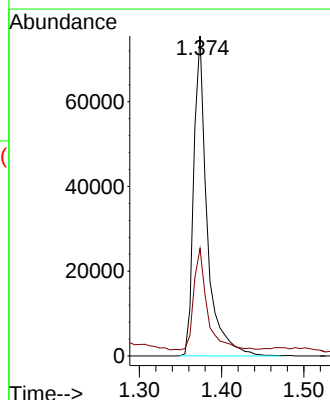
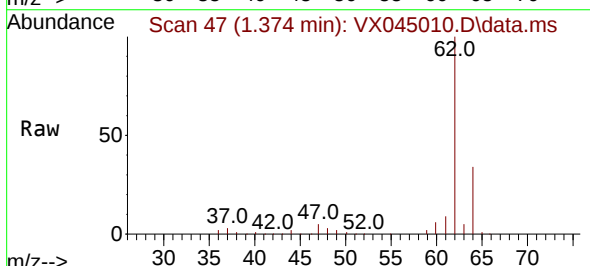
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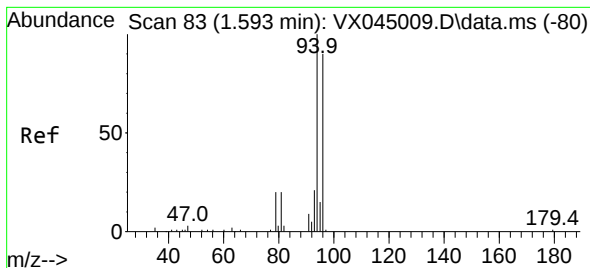
Tgt Ion: 62 Resp: 84944

Ion Ratio Lower Upper

62 100

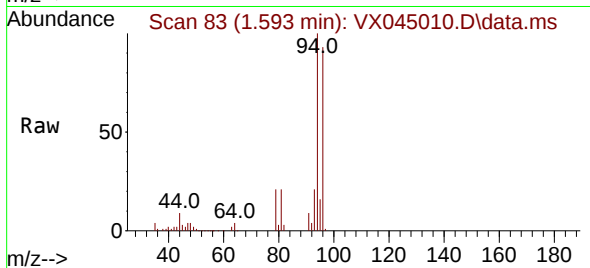
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 48.894 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

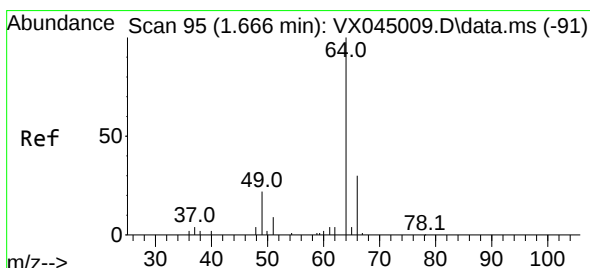
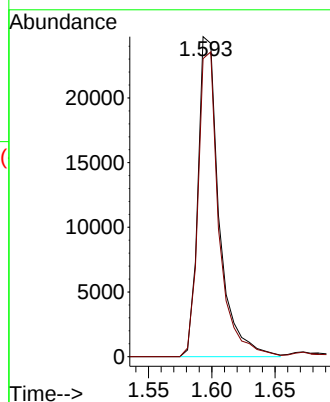
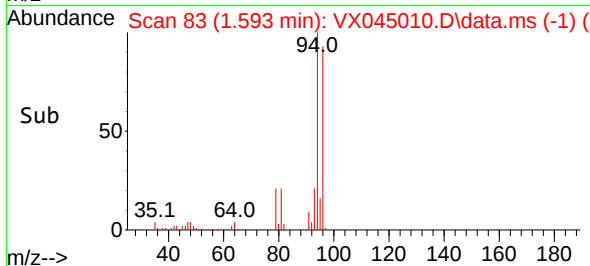
Instrument :
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ClientSampleId :
VSTDIC050



Tgt Ion: 94 Resp: 2896
Ion Ratio Lower Upper
94 100
96 93.1 72.2 108.4

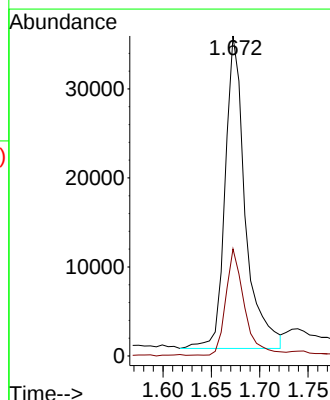
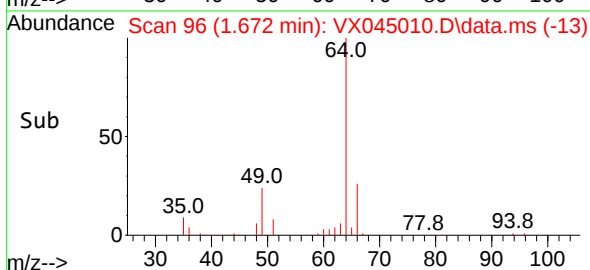
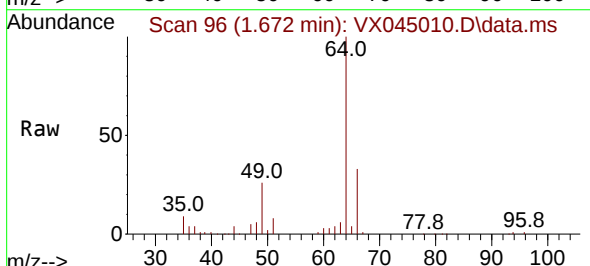
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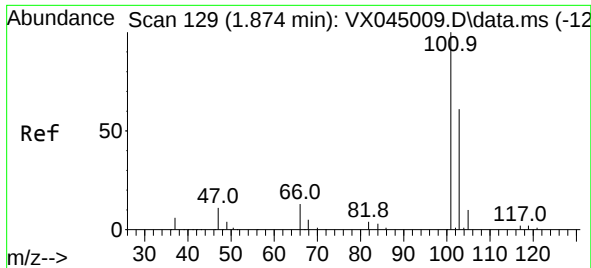
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 55.346 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 64 Resp: 51012
Ion Ratio Lower Upper
64 100
66 33.8 23.7 35.5





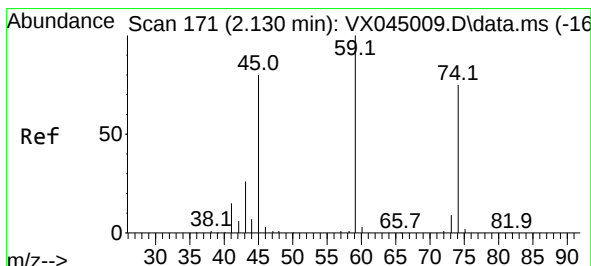
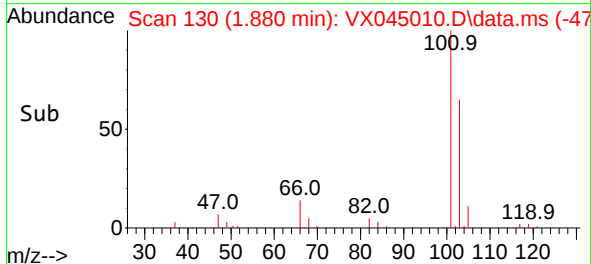
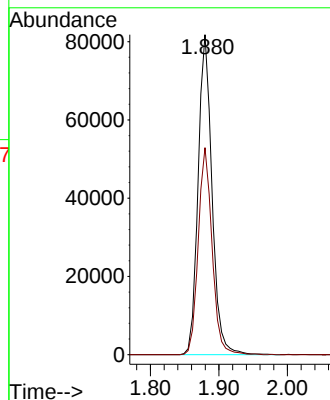
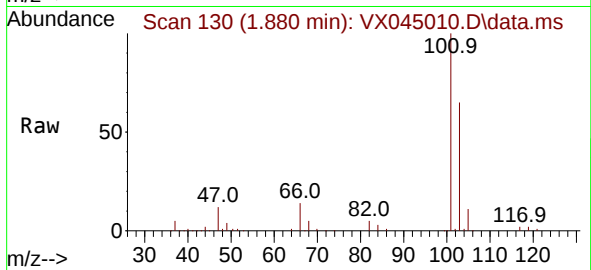
#7
 Trichlorofluoromethane
 Concen: 50.505 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

Instrument :
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 ClientSampleId :
 VSTDIC050

Tgt Ion:101 Resp: 11551
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.8 73.2

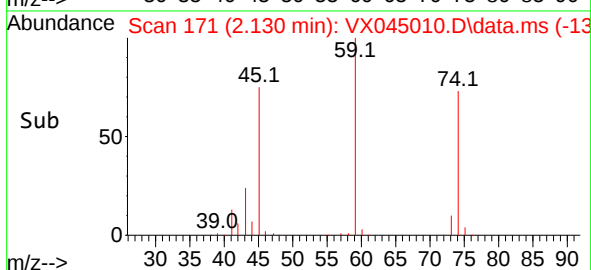
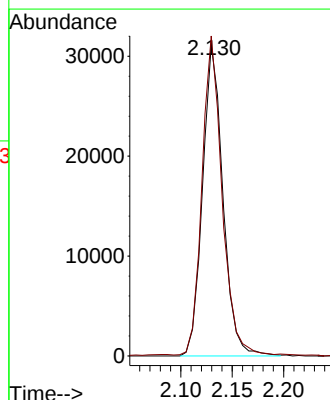
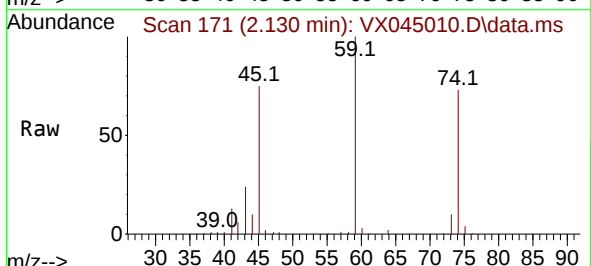
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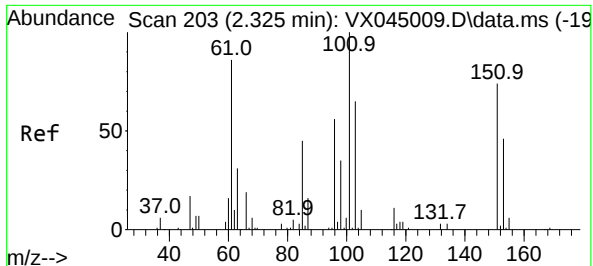
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#8
 Diethyl Ether
 Concen: 49.726 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

Tgt Ion: 74 Resp: 43032
 Ion Ratio Lower Upper
 74 100
 45 101.2 20.8 186.8





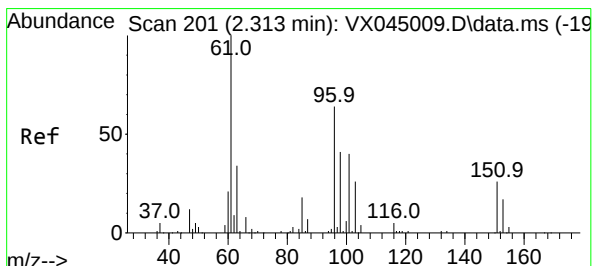
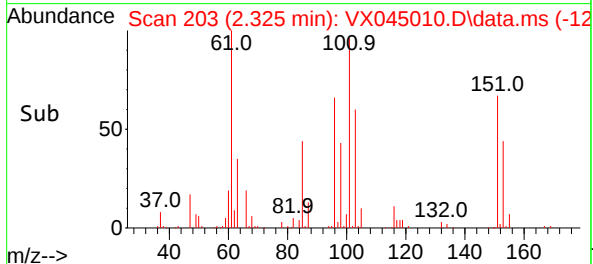
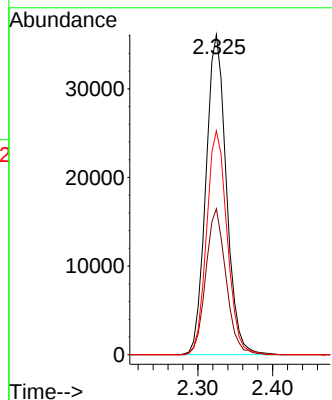
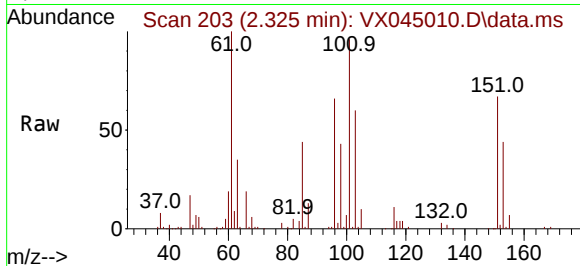
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1,1,2-Trichlorotrifluoroethane
Concen: 50.609 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 68750
Ion Ratio Lower Upper
101 100
85 45.0 0.0 90.6
151 70.2 0.0 147.6

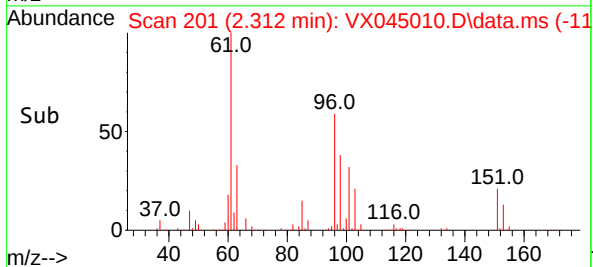
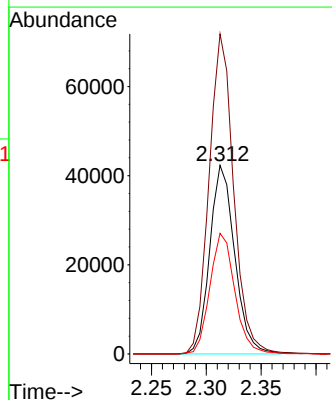
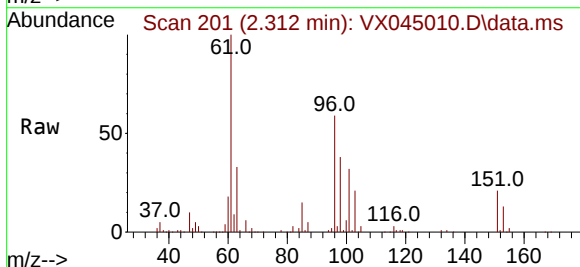
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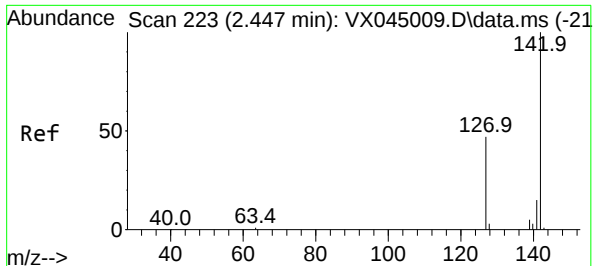
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Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 50.466 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

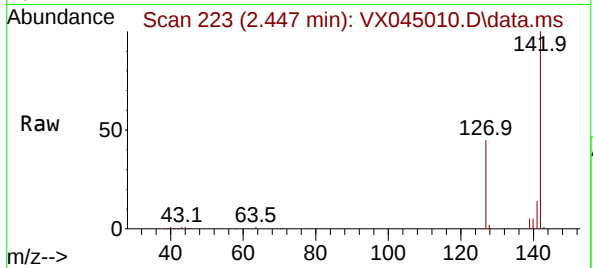
Tgt Ion: 96 Resp: 66962
Ion Ratio Lower Upper
96 100
61 169.5 124.2 186.2
98 64.0 51.1 76.7





#11
Methyl Iodide
Concen: 54.046 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

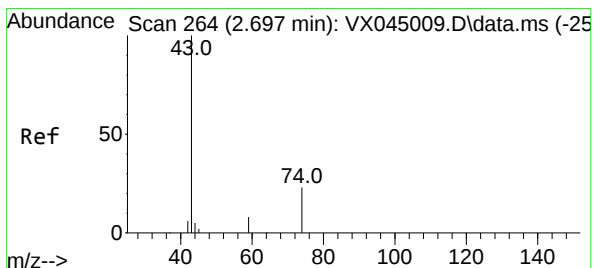
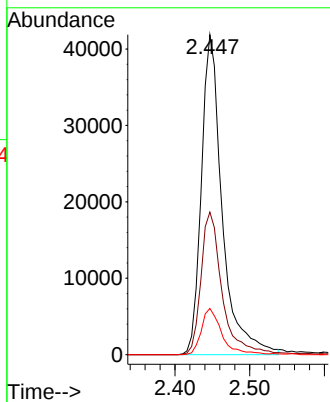
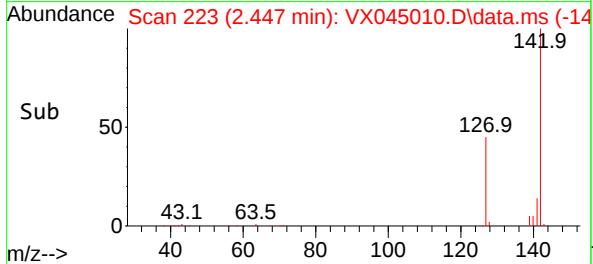
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 81160
Ion Ratio Lower Upper
142 100
127 44.6 23.3 69.9
141 14.4 7.5 22.6

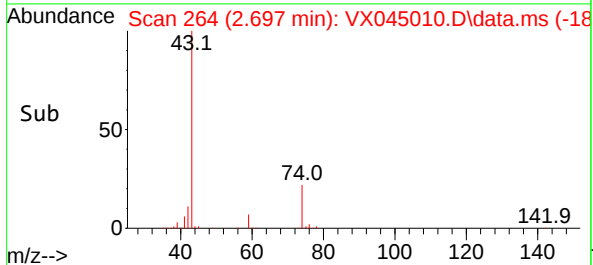
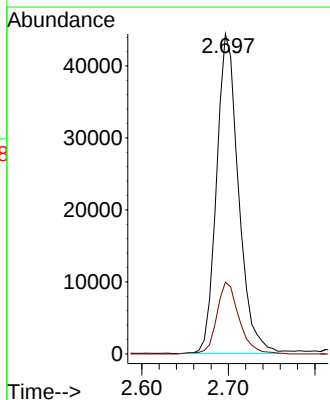
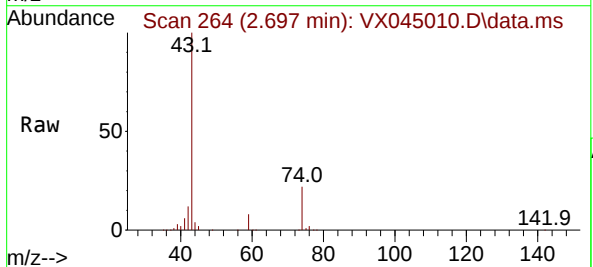
Manual Integrations
APPROVED

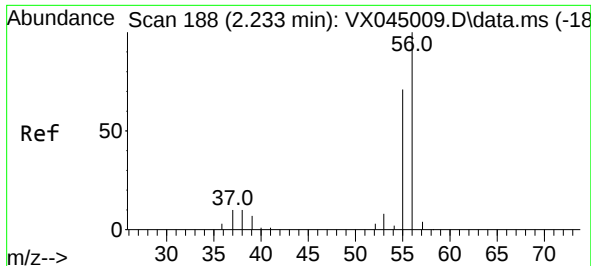
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 50.808 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

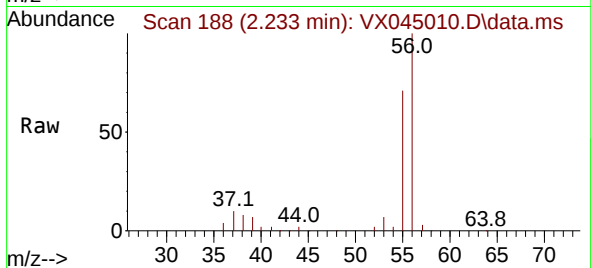
Tgt Ion: 43 Resp: 78286
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9





#13
Acrolein
Concen: 248.462 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

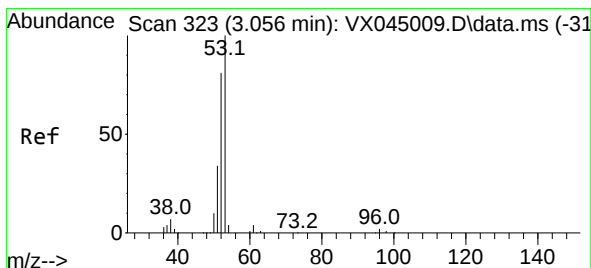
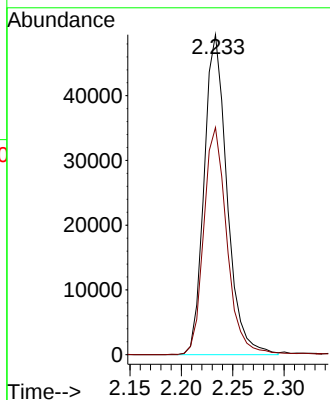
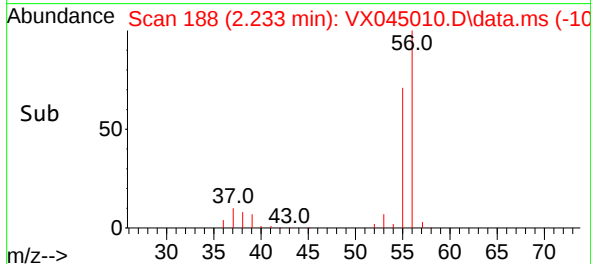
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 76730
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.2

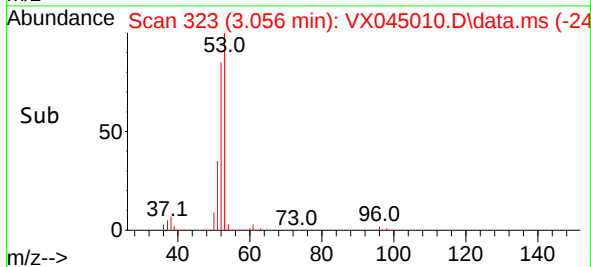
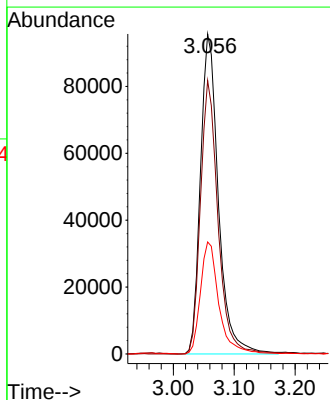
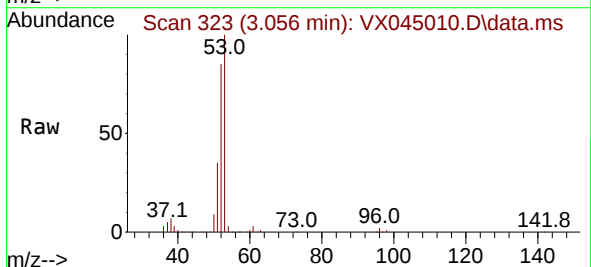
Manual Integrations
APPROVED

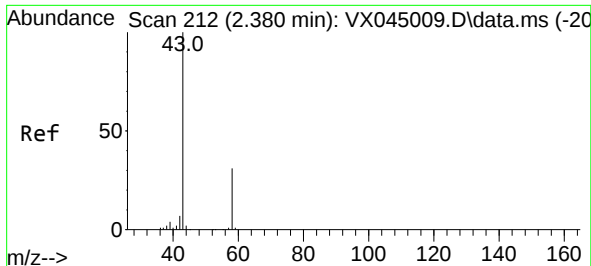
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#14
Acrylonitrile
Concen: 260.667 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

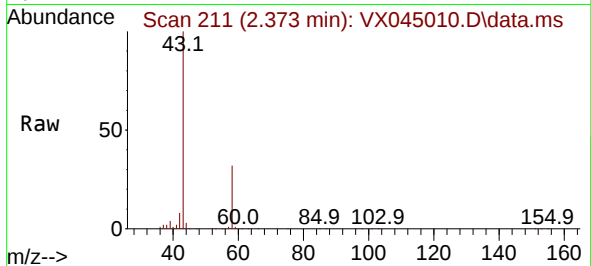
Tgt Ion: 53 Resp: 196184
Ion Ratio Lower Upper
53 100
52 83.2 40.9 122.8
51 35.9 18.0 54.0





#15
Acetone
Concen: 249.418 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

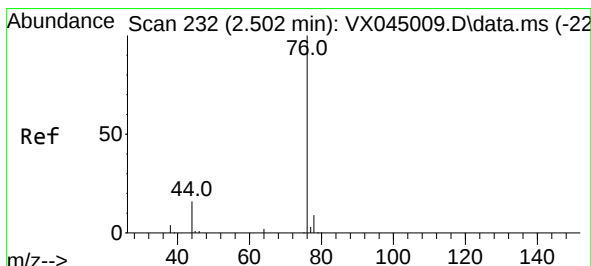
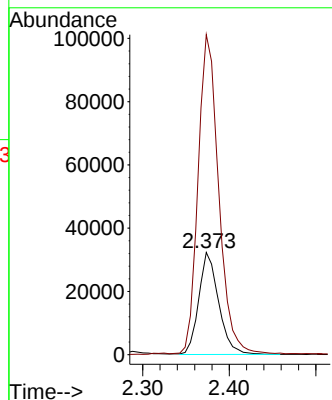
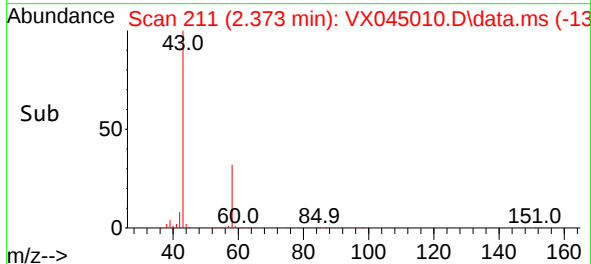
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



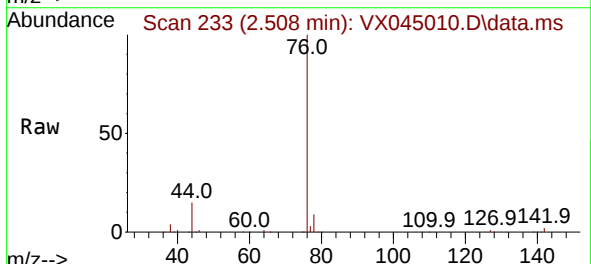
Tgt Ion: 58 Resp: 5148
Ion Ratio Lower Upper
58 100
43 312.5 258.6 388.0

Manual Integrations
APPROVED

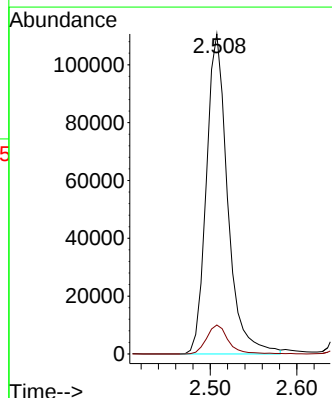
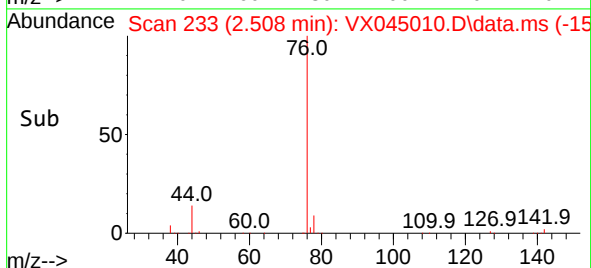
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

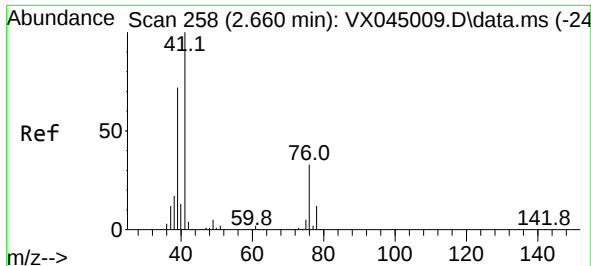


#16
Carbon Disulfide
Concen: 50.210 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44



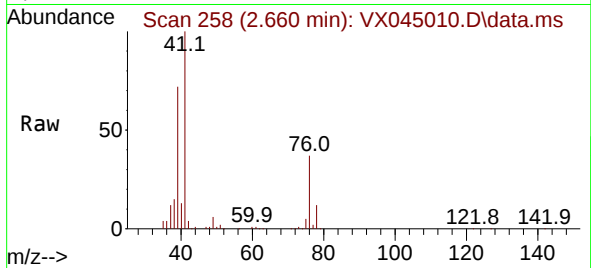
Tgt Ion: 76 Resp: 188973
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#17
 Allyl chloride
 Concen: 50.682 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

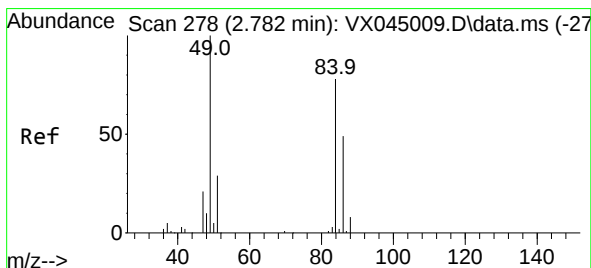
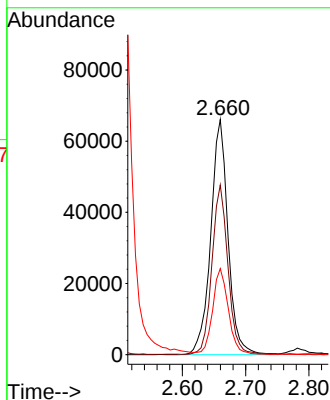
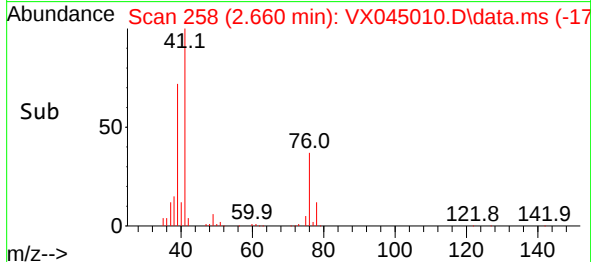
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 125778
 Ion Ratio Lower Upper
 41 100
 39 72.0 36.2 108.6
 76 36.5 17.2 51.5

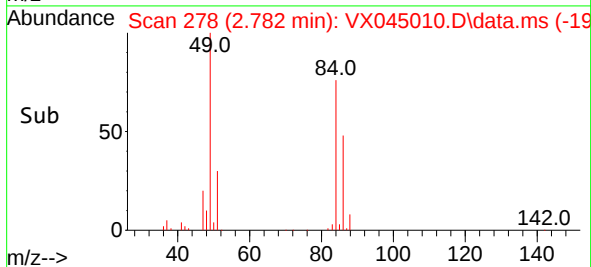
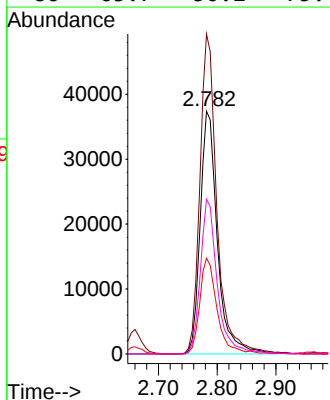
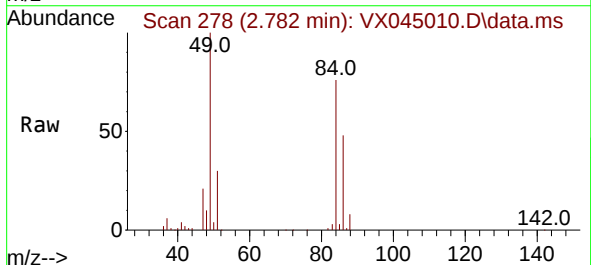
Manual Integrations
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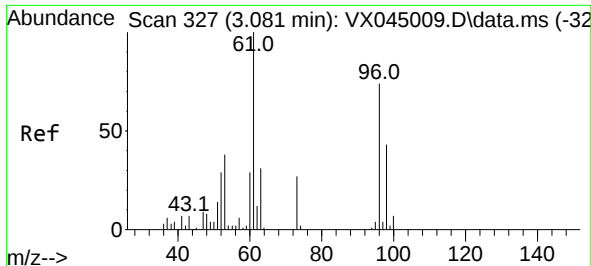
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 51.081 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

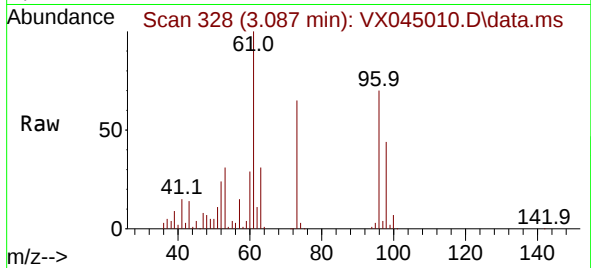
Tgt Ion: 84 Resp: 76235
 Ion Ratio Lower Upper
 84 100
 49 131.8 102.8 154.2
 51 39.4 30.1 45.1
 86 63.7 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 50.843 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

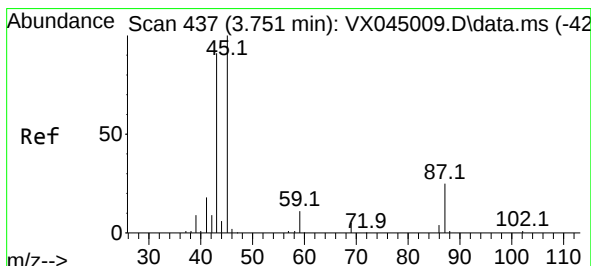
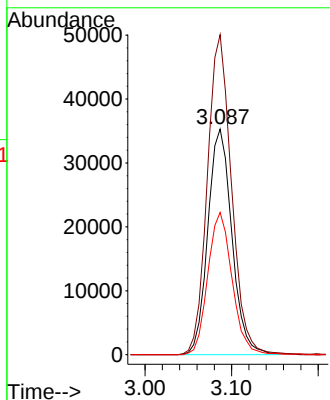
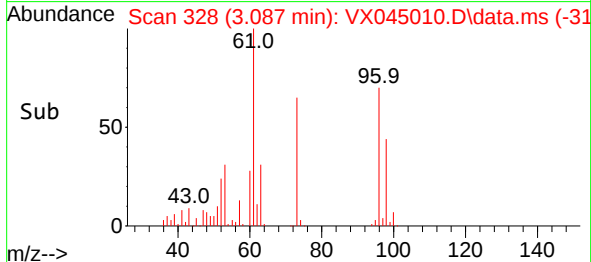
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 6825
Ion Ratio Lower Upper
96 100
61 141.9 108.6 163.0
98 63.1 46.5 69.7

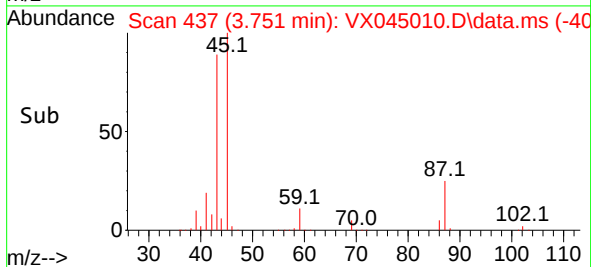
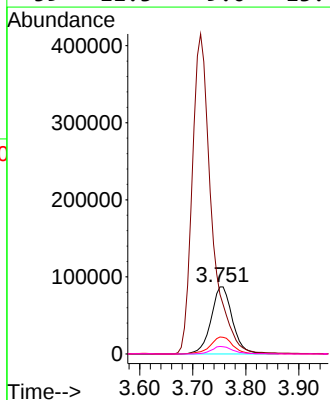
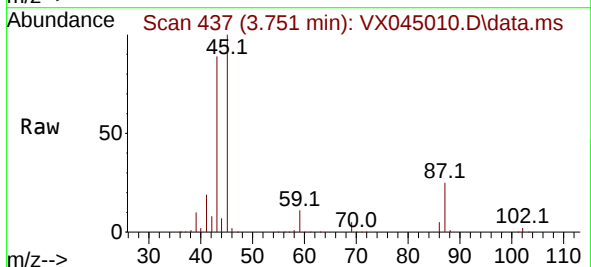
Manual Integrations
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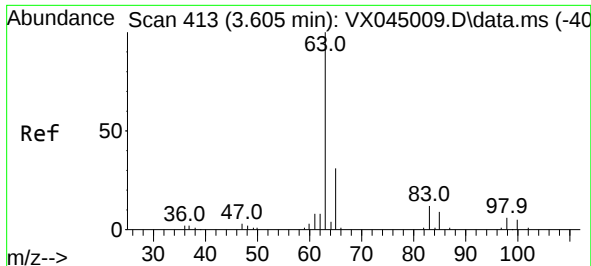
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Diisopropyl ether
Concen: 51.107 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 45 Resp: 243734
Ion Ratio Lower Upper
45 100
43 87.9 74.4 111.6
87 25.2 19.8 29.8
59 11.3 9.0 13.4





#21

1,1-Dichloroethane

Concen: 49.475 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 13122

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

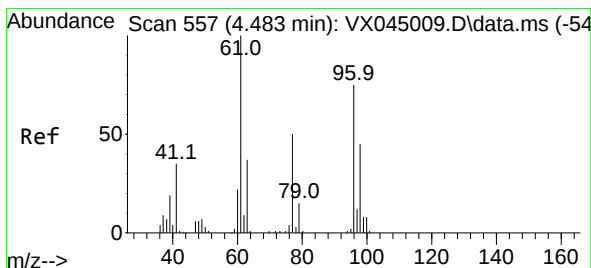
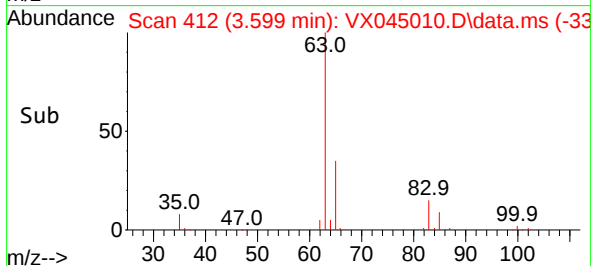
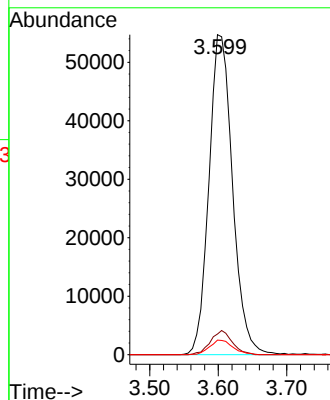
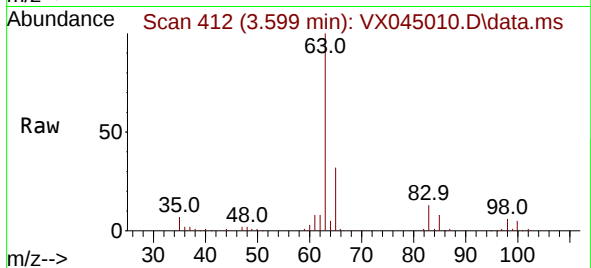
100 4.6 2.4 7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#22

cis-1,2-Dichloroethene

Concen: 49.382 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

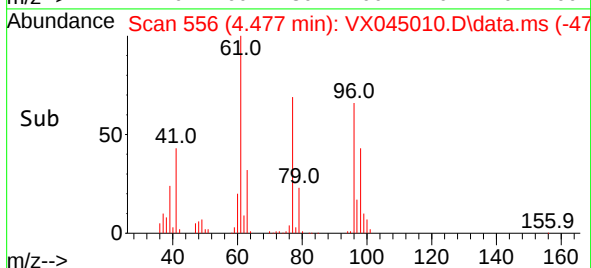
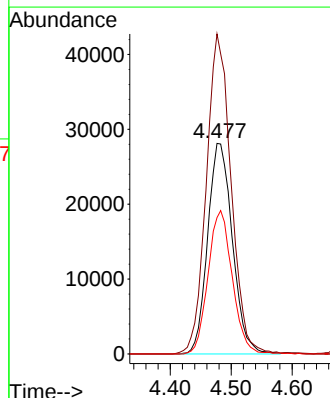
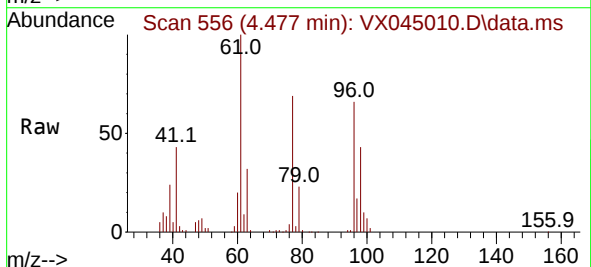
Tgt Ion: 96 Resp: 79440

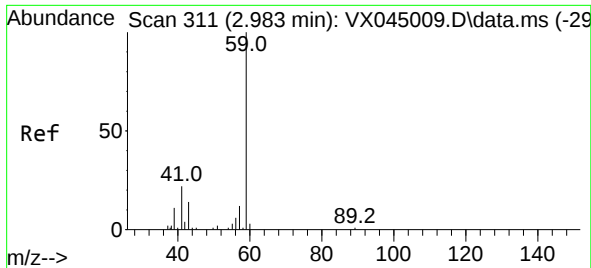
Ion Ratio Lower Upper

96 100

61 151.9 118.9 178.3

98 66.2 50.7 76.1





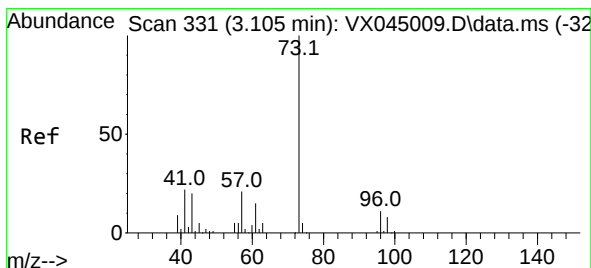
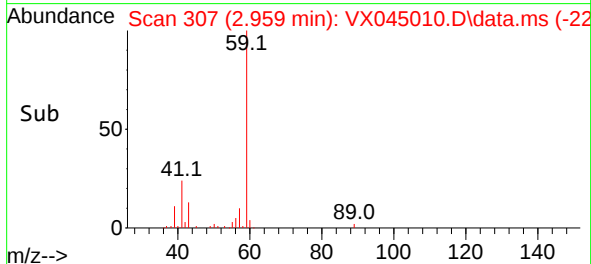
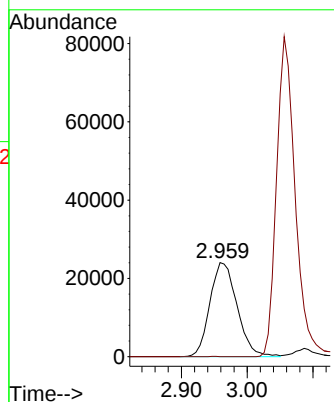
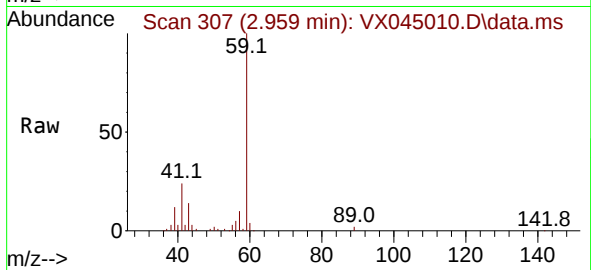
#23
tert-Butyl Alcohol
Concen: 262.986 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 69182
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

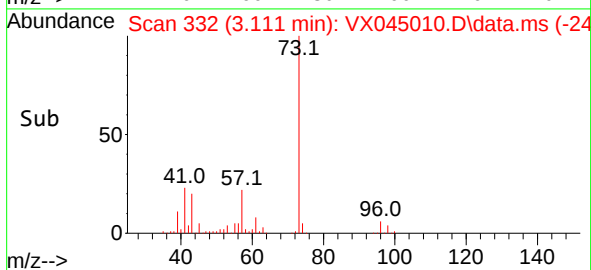
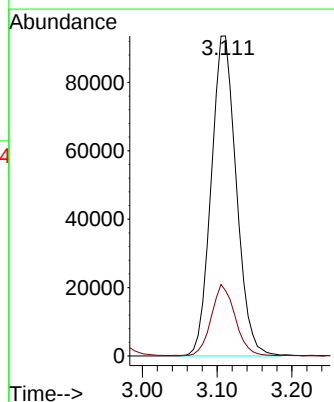
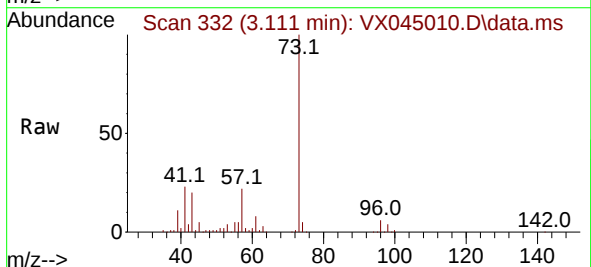
Manual Integrations
APPROVED

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



#24
Methyl tert-Butyl Ether
Concen: 50.521 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 73 Resp: 218792
Ion Ratio Lower Upper
73 100
43 21.3 17.4 26.0





#25

Chloroform

Concen: 50.062 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 12825

Ion Ratio Lower Upper

83 100

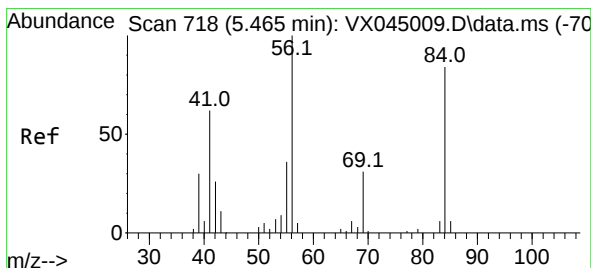
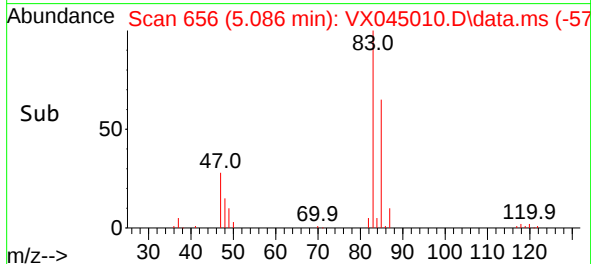
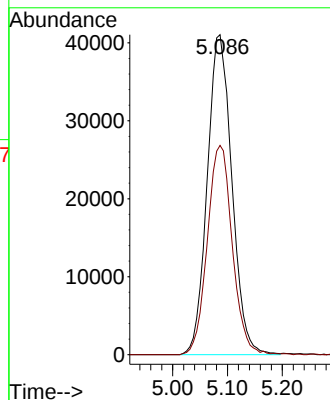
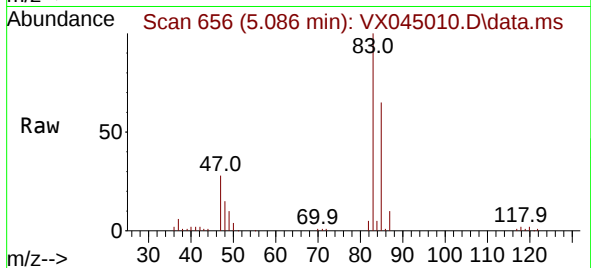
85 65.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#26

Cyclohexane

Concen: 50.802 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

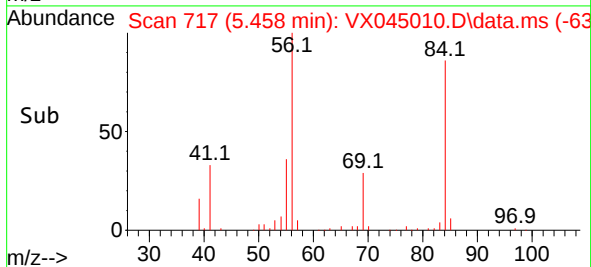
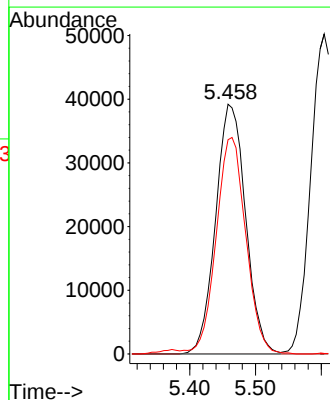
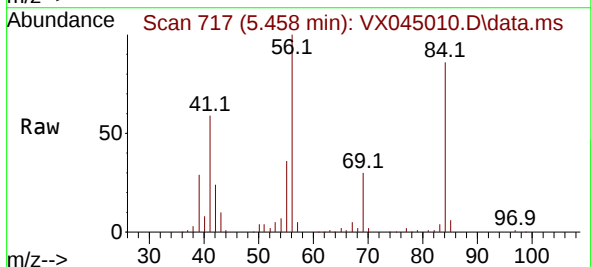
Tgt Ion: 56 Resp: 124373

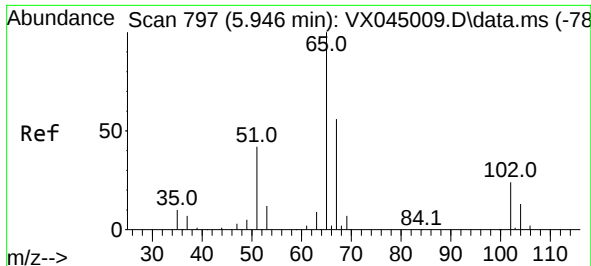
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.6 67.1 100.7





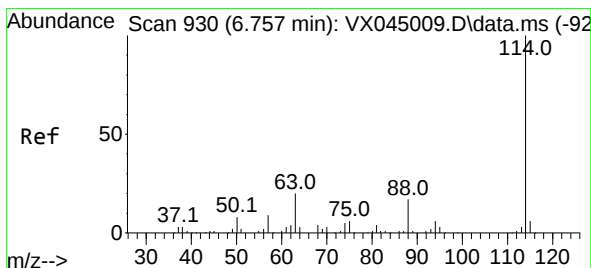
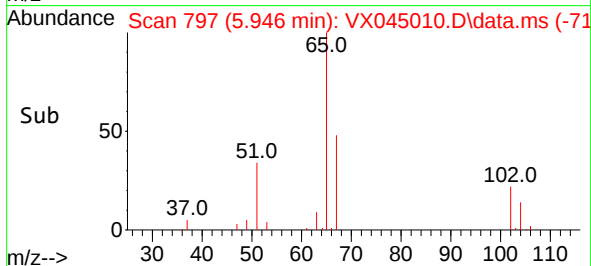
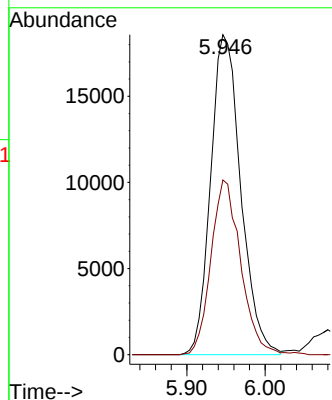
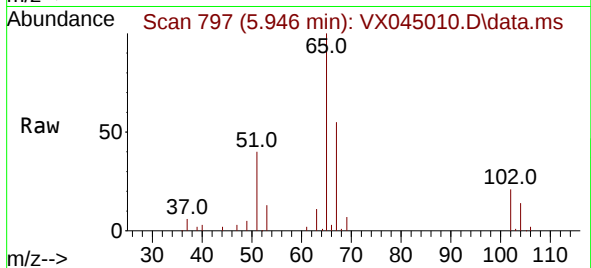
#27
 1,2-Dichloroethane-d4
 Concen: 29.270 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion: 65 Resp: 49650
 Ion Ratio Lower Upper
 65 100
 67 53.7 42.6 64.0

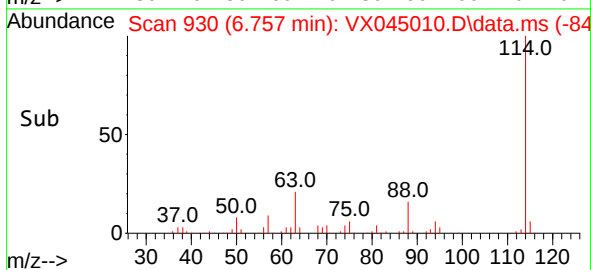
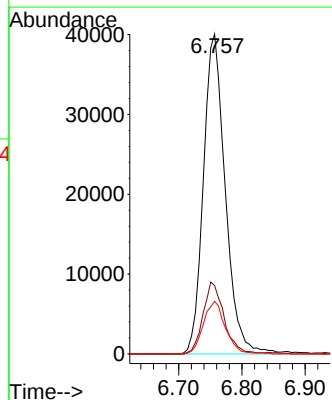
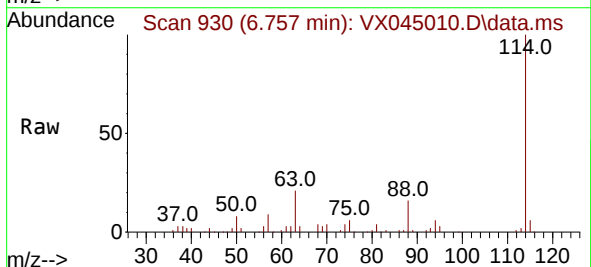
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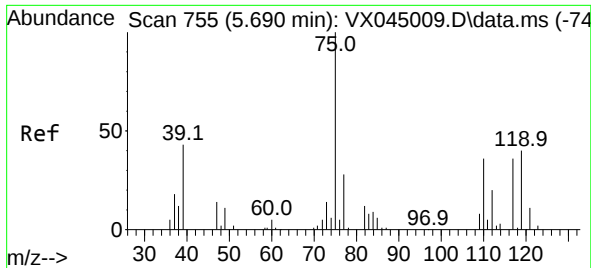
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

Tgt Ion:114 Resp: 96411
 Ion Ratio Lower Upper
 114 100
 63 21.5 16.8 25.2
 88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 51.038 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 90510

Ion Ratio Lower Upper

75 100

110 35.3 0.0 69.2

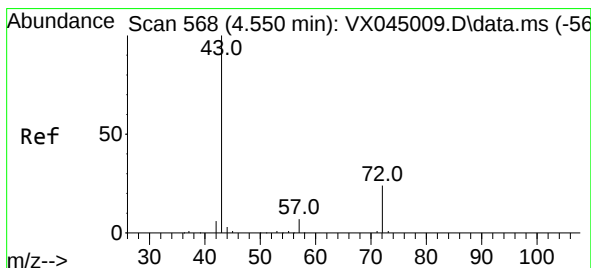
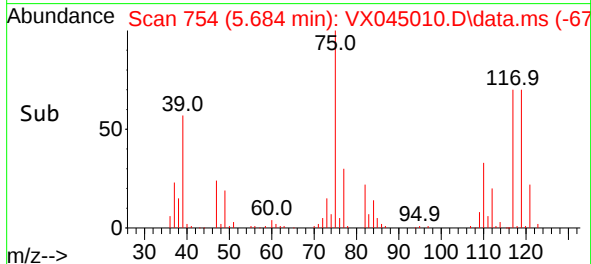
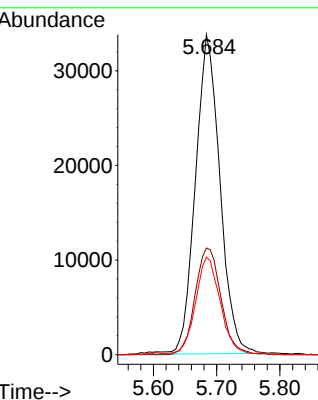
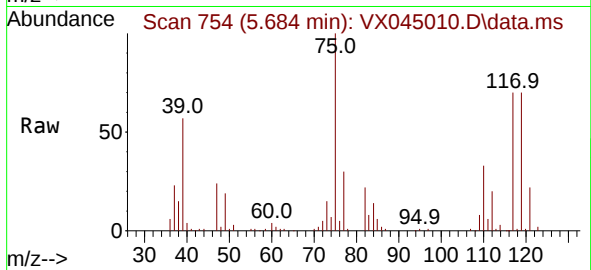
77 31.2 0.0 61.0

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 261.401 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

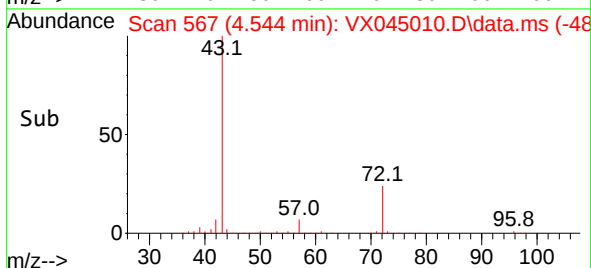
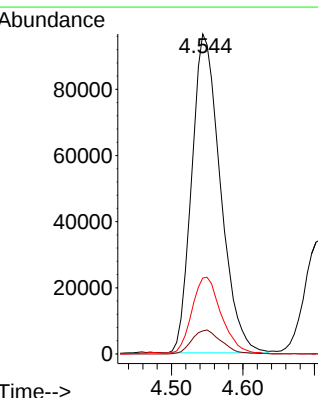
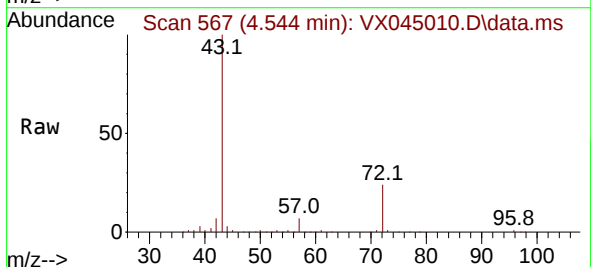
Tgt Ion: 43 Resp: 267770

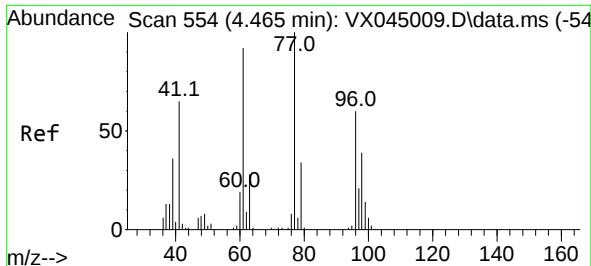
Ion Ratio Lower Upper

43 100

57 7.8 6.2 9.2

72 24.8 20.2 30.2





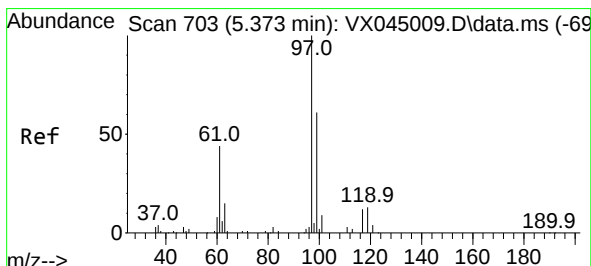
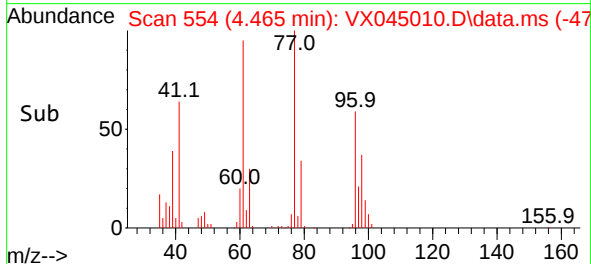
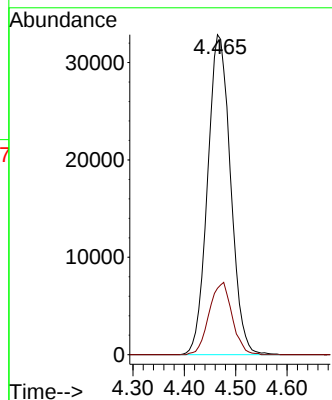
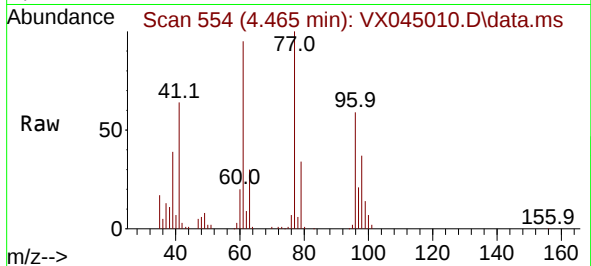
#31
2,2-Dichloropropane
Concen: 50.846 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 101960
Ion Ratio Lower Upper
77 100
97 22.5 18.0 27.0

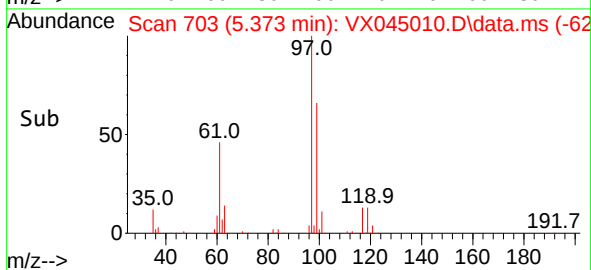
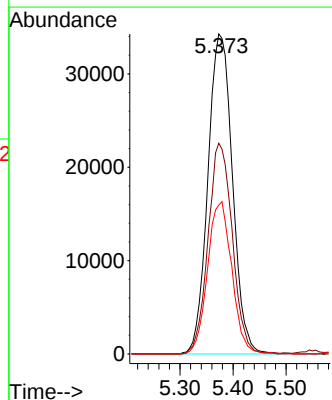
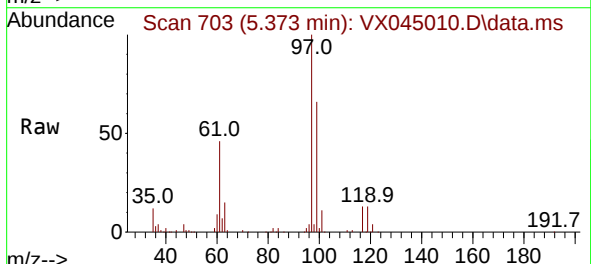
Manual Integrations
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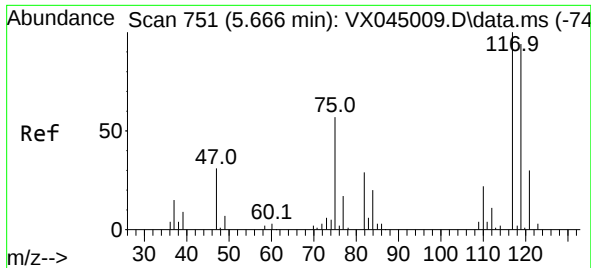
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 51.322 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

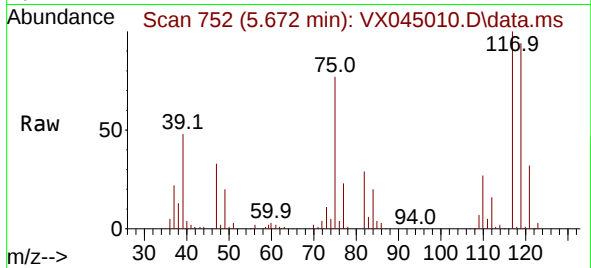
Tgt Ion: 97 Resp: 110282
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 46.9 38.5 57.7





#33
Carbon Tetrachloride
Concen: 51.023 ug/l
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

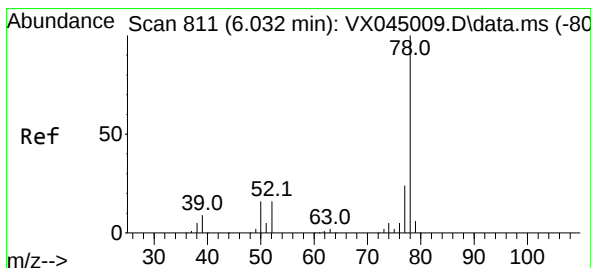
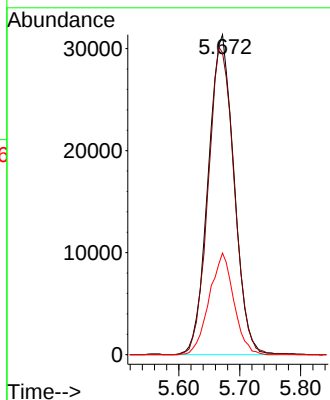
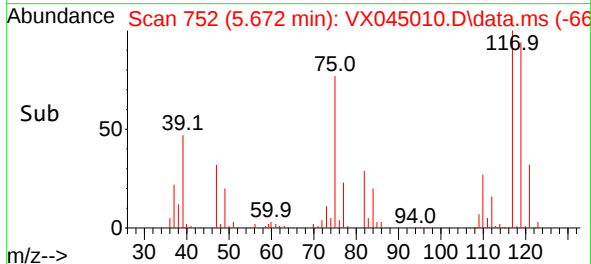
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 92530
Ion Ratio Lower Upper
117 100
119 94.1 75.1 112.7
121 31.7 23.9 35.9

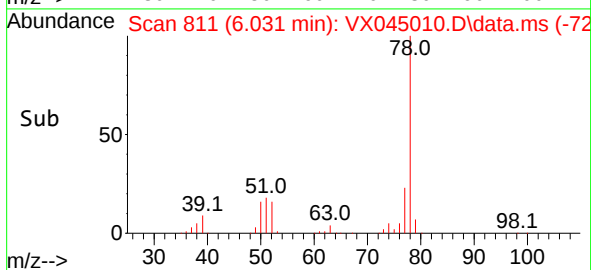
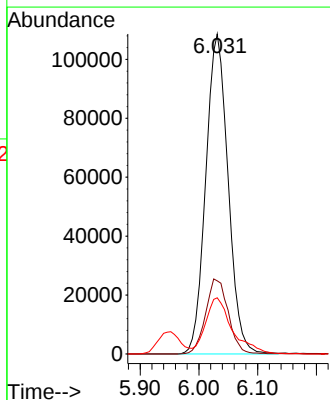
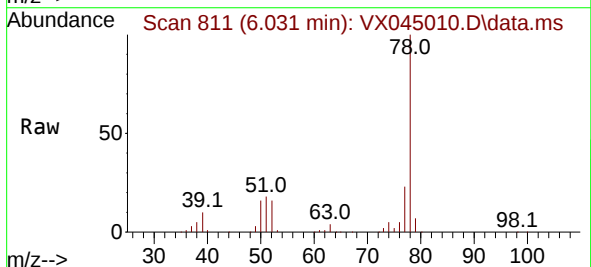
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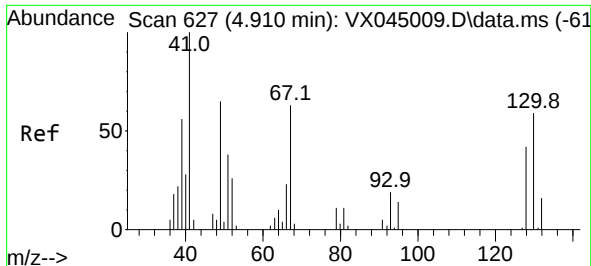
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#34
Benzene
Concen: 51.573 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

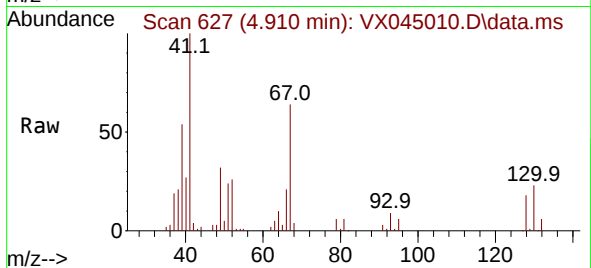
Tgt Ion: 78 Resp: 286826
Ion Ratio Lower Upper
78 100
77 22.8 19.6 29.4
51 17.4 13.8 20.6





#35
Methacrylonitrile
Concen: 53.843 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

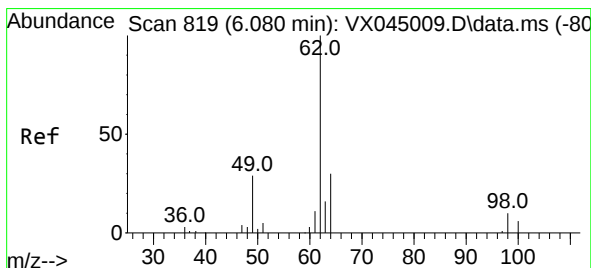
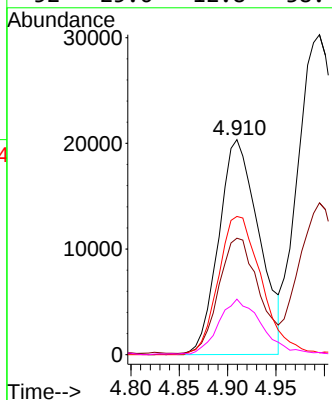
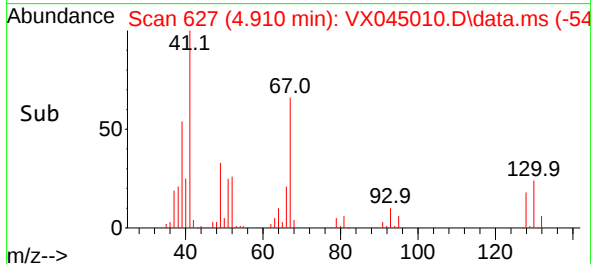
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 5902
Ion Ratio Lower Upper
41 100
39 53.7 27.8 83.4
67 64.4 31.5 94.5
52 25.6 12.8 38.4

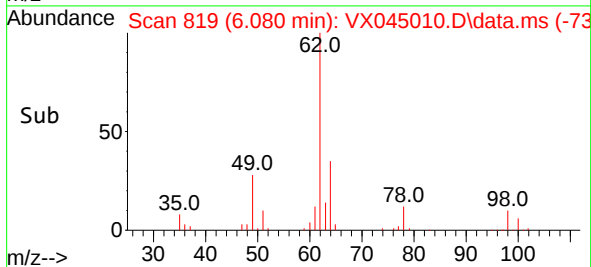
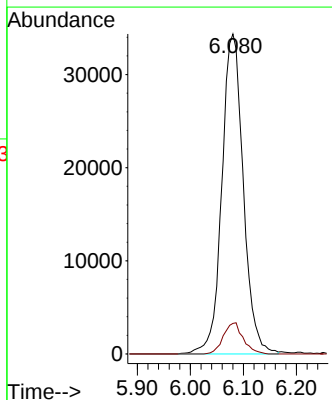
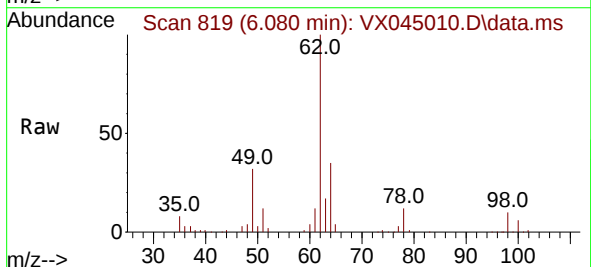
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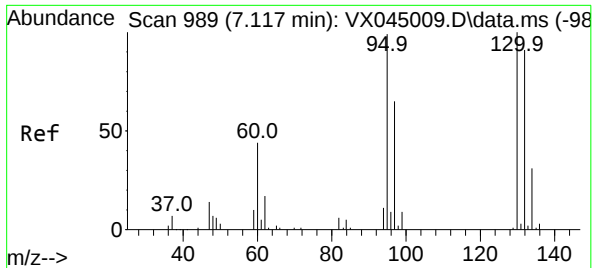
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 50.630 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

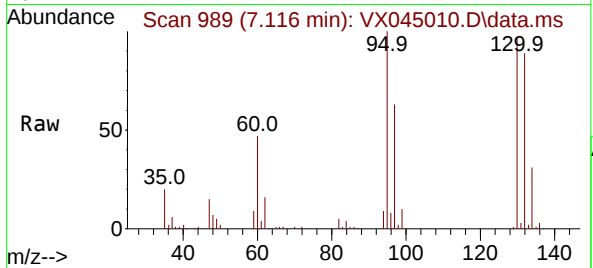
Tgt Ion: 62 Resp: 96405
Ion Ratio Lower Upper
62 100
98 9.0 7.9 11.9





#37
Trichloroethene
Concen: 50.826 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

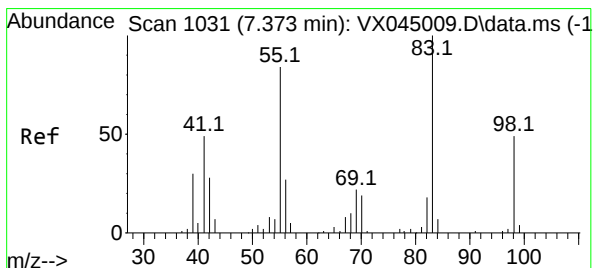
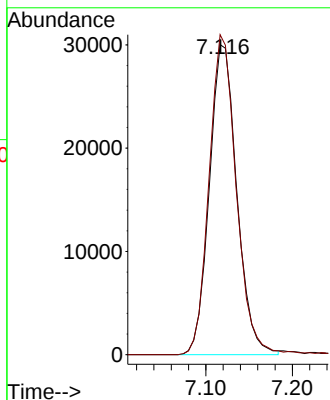
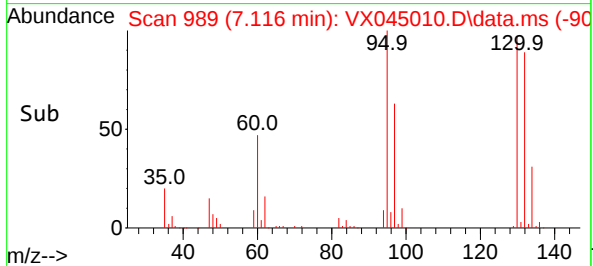
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 6613
Ion Ratio Lower Upper
130 100
95 103.2 79.0 118.4

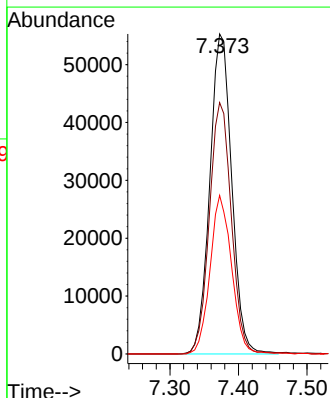
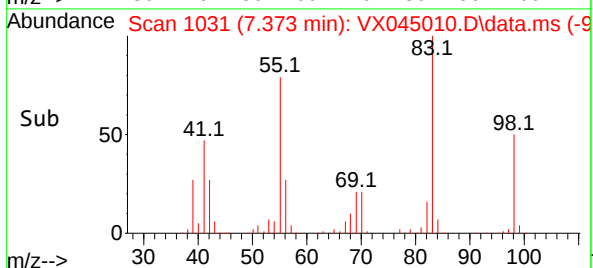
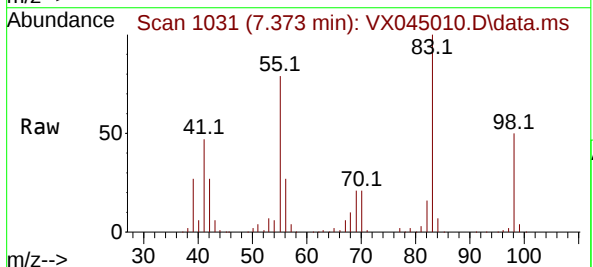
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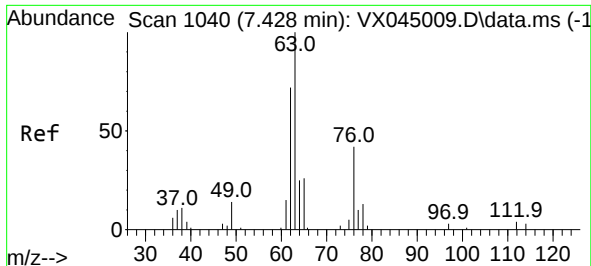
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#38
Methylcyclohexane
Concen: 51.506 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 83 Resp: 122650
Ion Ratio Lower Upper
83 100
55 78.5 40.6 122.0
98 48.7 24.9 74.6





#39

1,2-Dichloropropane

Concen: 49.579 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 6855

Ion Ratio Lower Upper

63 100

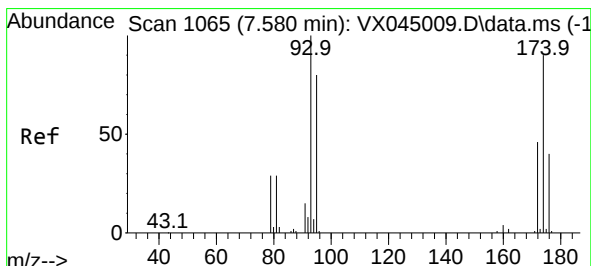
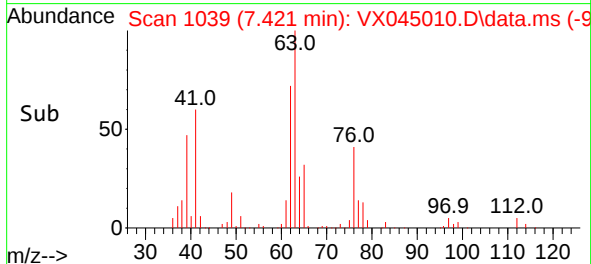
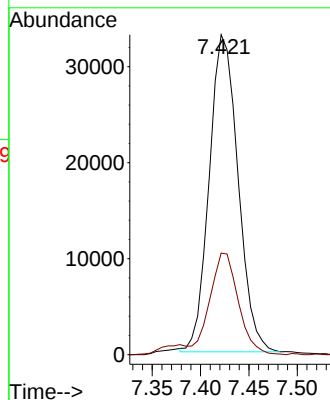
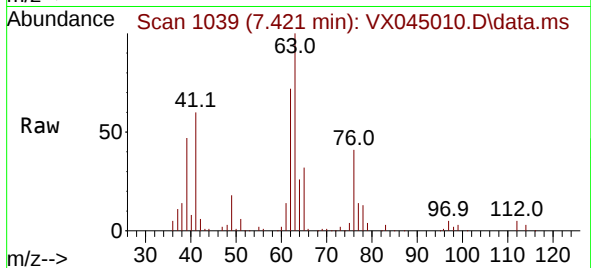
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 50.426 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

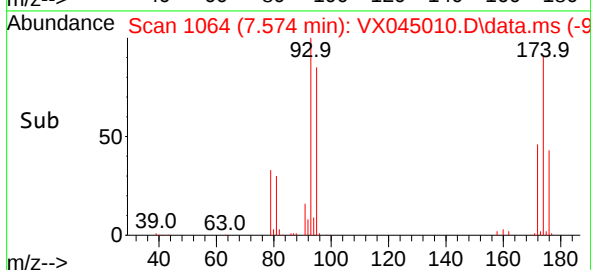
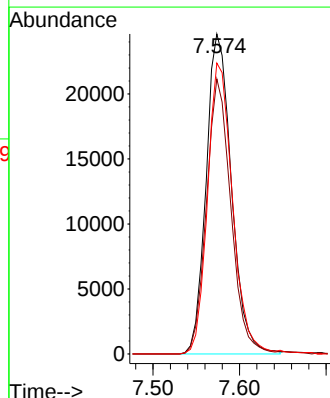
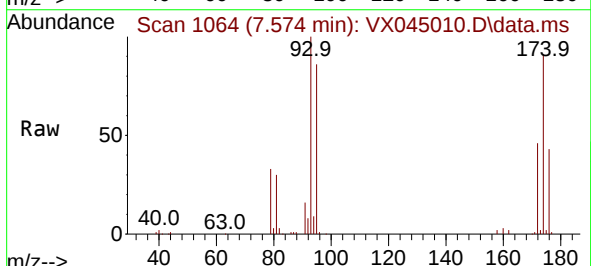
Tgt Ion: 93 Resp: 50034

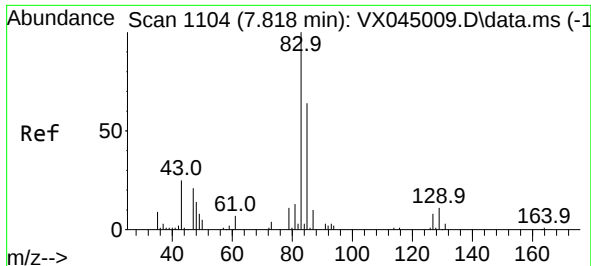
Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.6

174 89.6 0.0 178.8





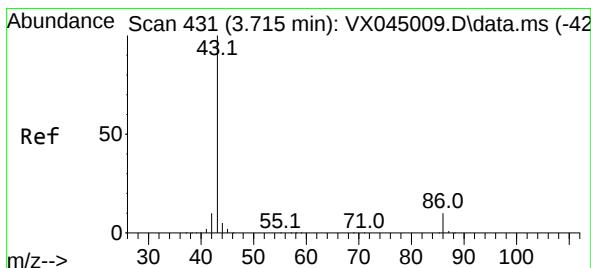
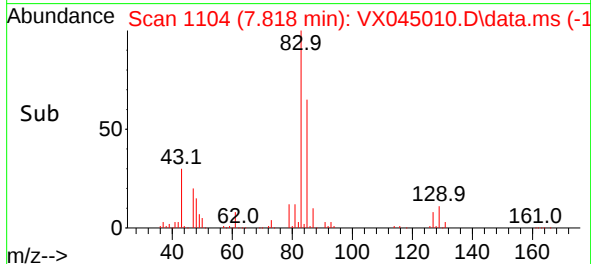
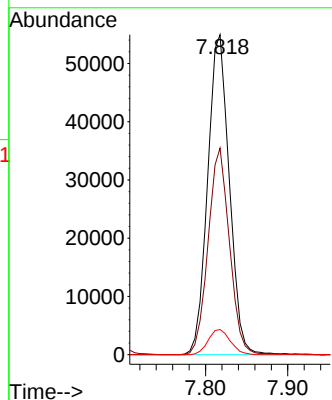
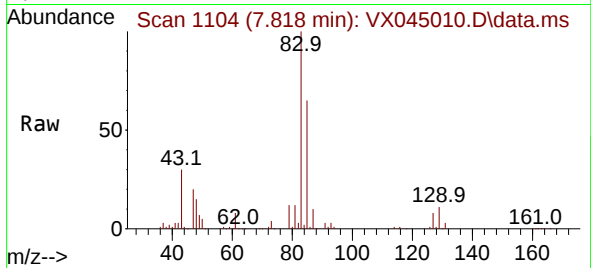
#41
Bromodichloromethane
Concen: 50.932 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 10044
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.6
127 7.8 6.1 9.1

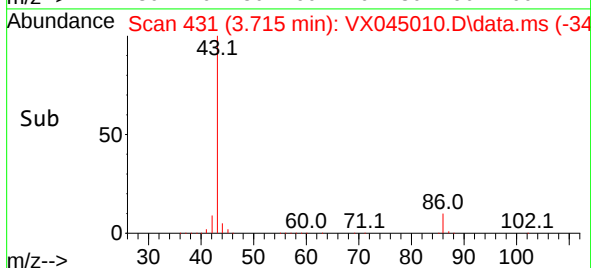
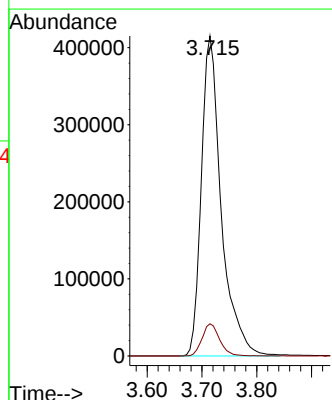
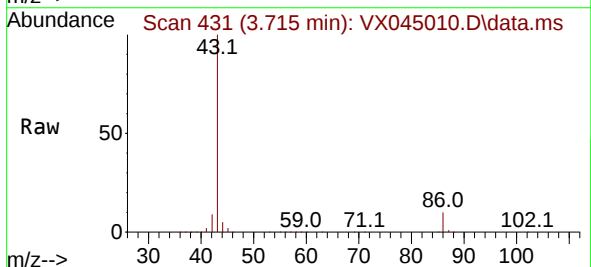
Manual Integrations
APPROVED

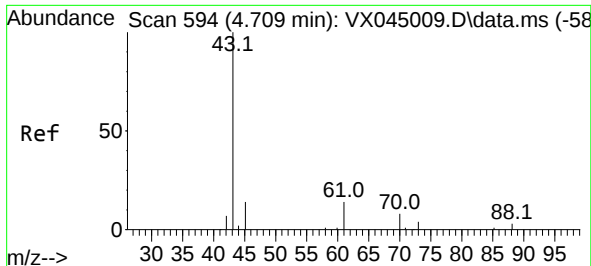
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 263.518 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

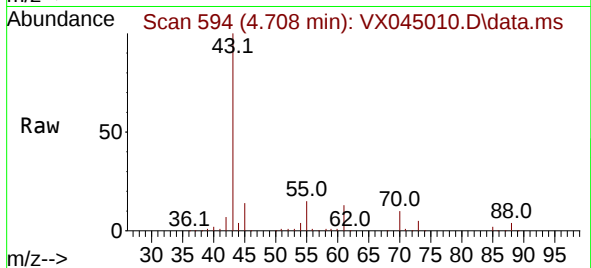
Tgt Ion: 43 Resp: 1047506
Ion Ratio Lower Upper
43 100
86 8.9 7.0 10.4





#43
Ethyl Acetate
Concen: 51.012 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

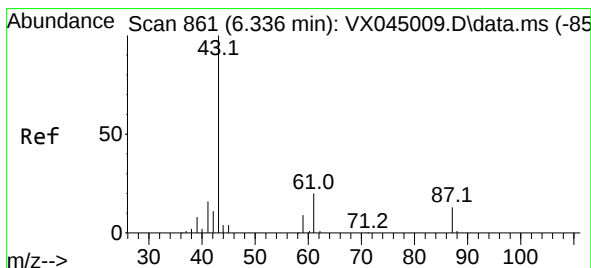
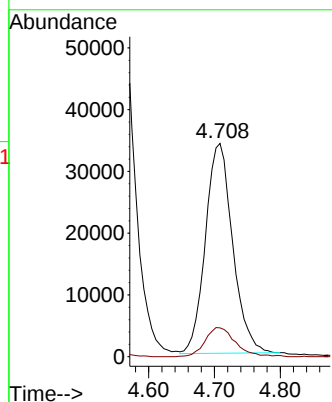
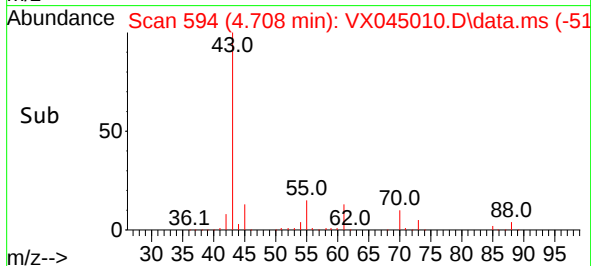
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 9799
Ion Ratio Lower Upper
43 100
45 15.1 12.7 19.1

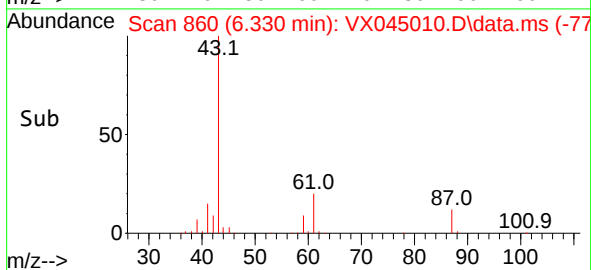
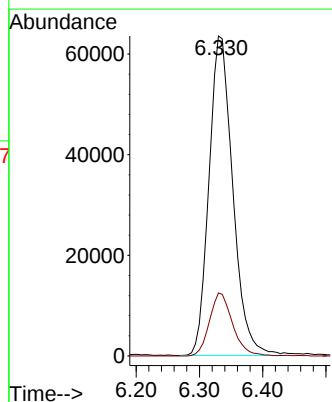
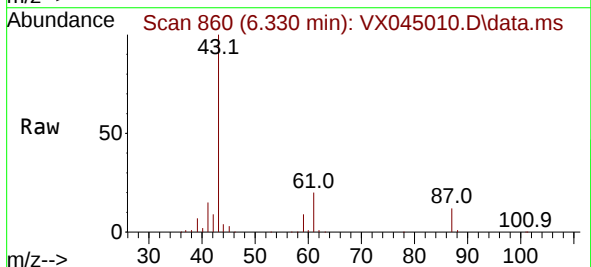
Manual Integrations
APPROVED

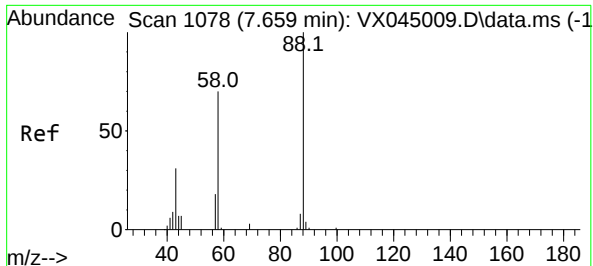
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 52.497 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

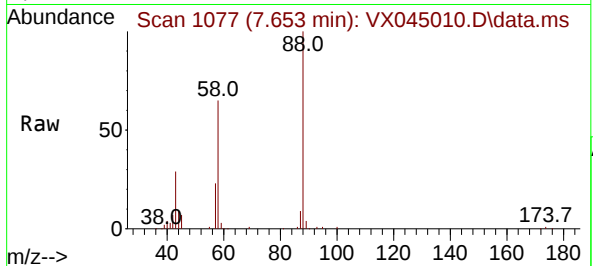
Tgt Ion: 43 Resp: 165983
Ion Ratio Lower Upper
43 100
61 19.1 15.5 23.3





#45
1,4-Dioxane
Concen: 1105.035 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

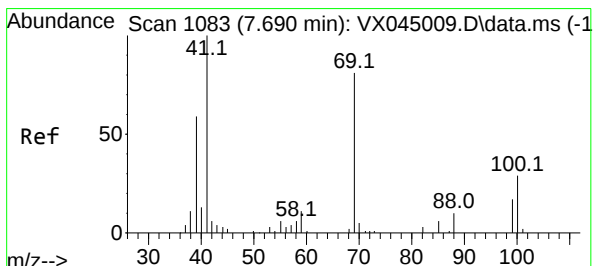
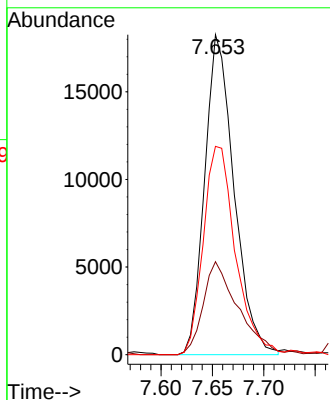
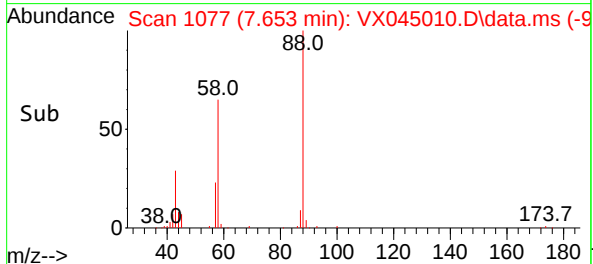
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 88 Resp: 36320
Ion Ratio Lower Upper
88 100
43 34.6 29.6 44.4
58 71.3 56.2 84.4

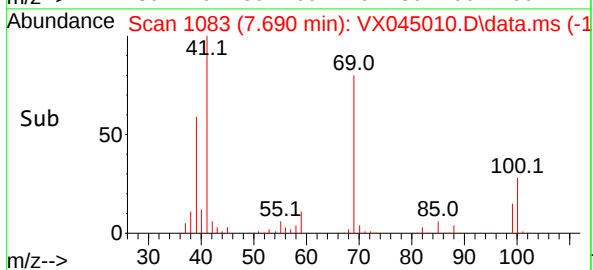
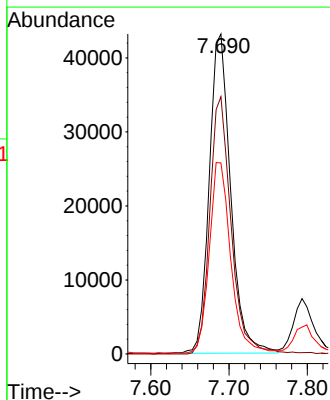
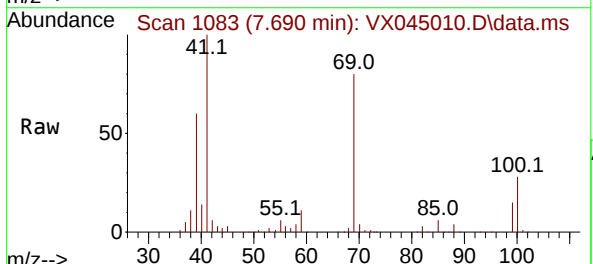
Manual Integrations
APPROVED

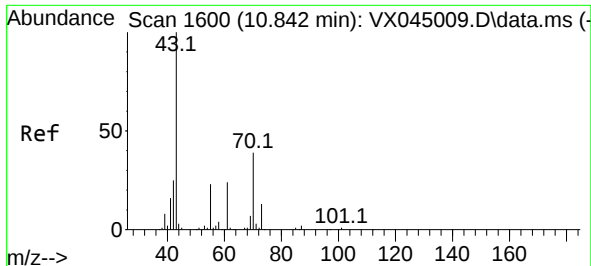
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 52.896 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

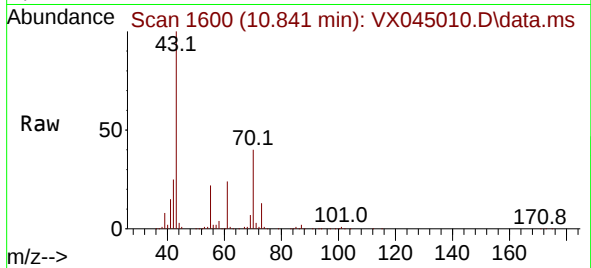
Tgt Ion: 41 Resp: 82008
Ion Ratio Lower Upper
41 100
69 80.7 40.7 122.1
39 59.6 29.5 88.5





#47
n-amy1 Acetate
Concen: 53.981 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

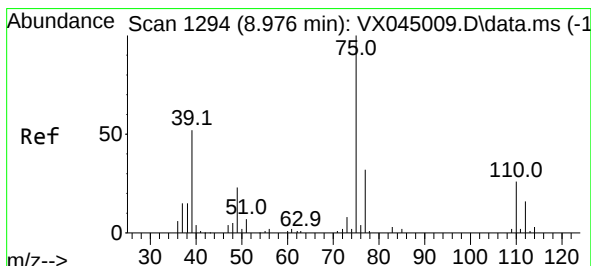
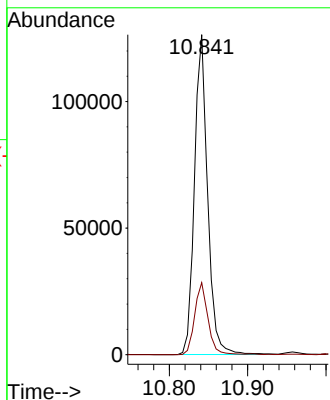
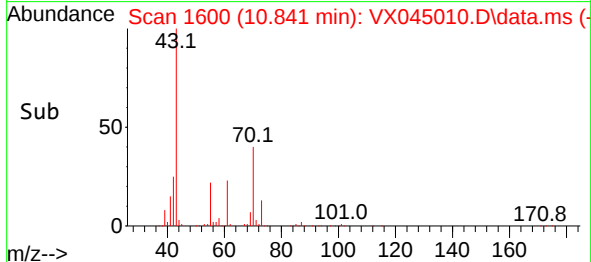
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 148104
Ion Ratio Lower Upper
43 100
55 22.7 18.6 27.8

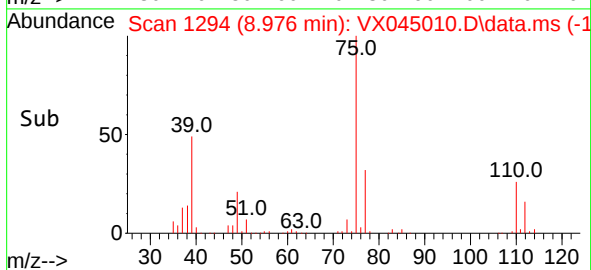
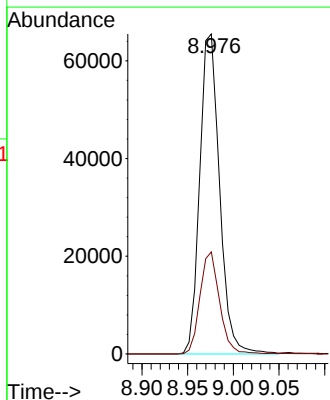
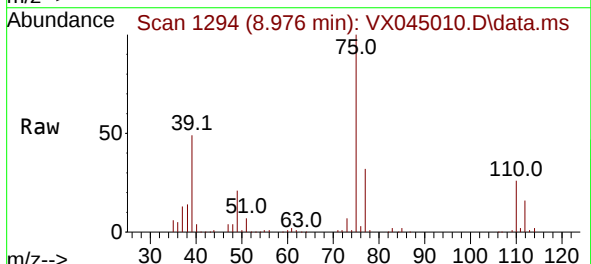
Manual Integrations
APPROVED

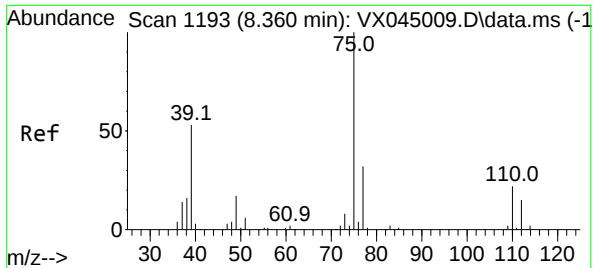
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 52.075 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 75 Resp: 98986
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 51.564 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 11095

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9

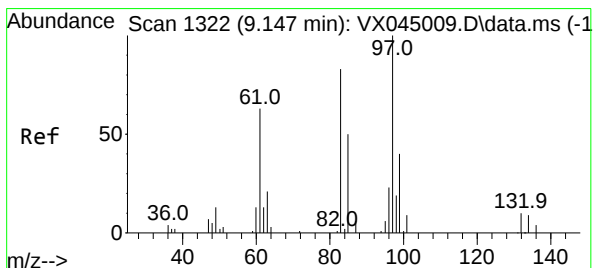
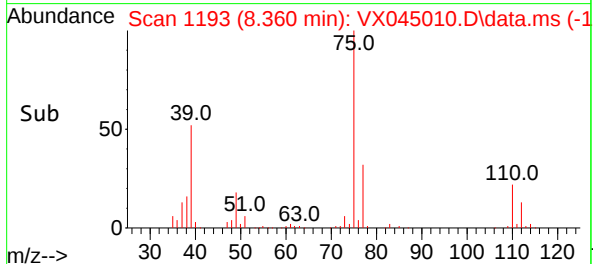
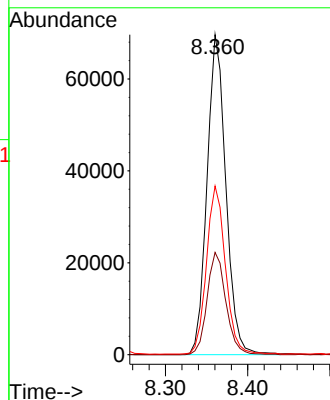
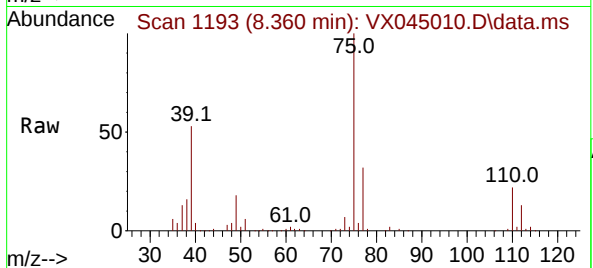
39 52.5 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 51.339 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Tgt Ion: 97 Resp: 66444

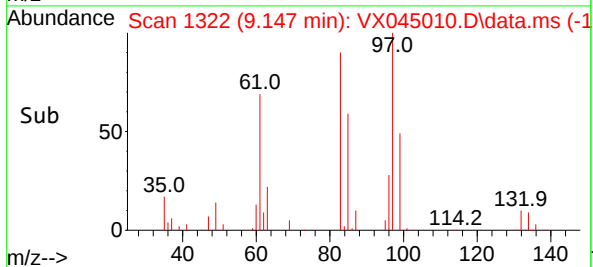
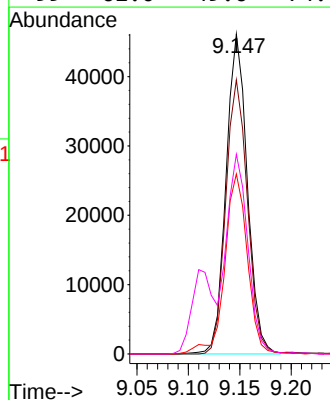
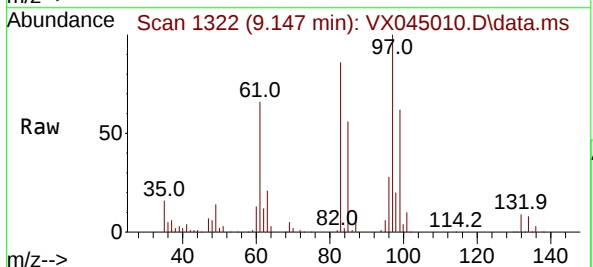
Ion Ratio Lower Upper

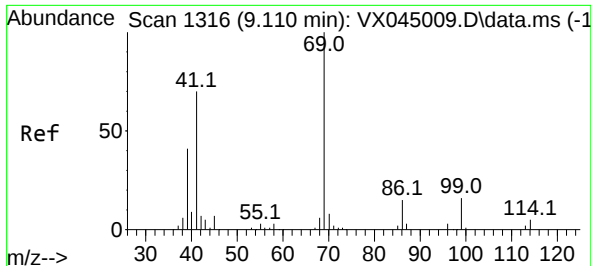
97 100

83 85.7 66.0 99.0

85 56.0 42.5 63.7

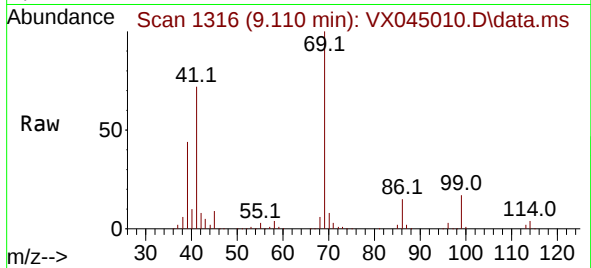
99 62.0 49.6 74.4





#51
Ethyl methacrylate
Concen: 53.387 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

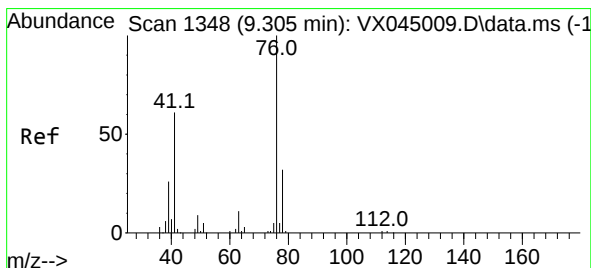
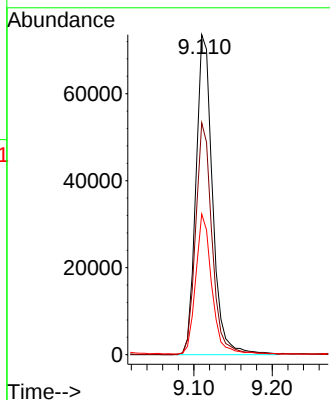
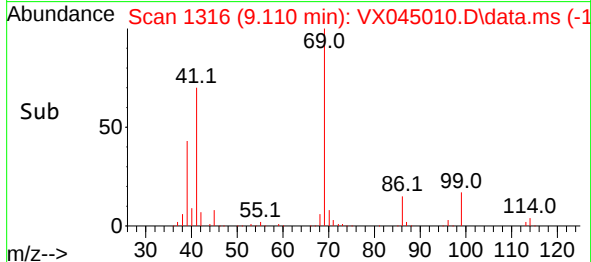
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



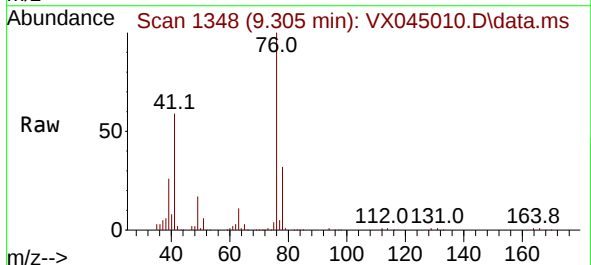
Tgt Ion: 69 Resp: 108669
Ion Ratio Lower Upper
69 100
41 72.3 35.1 105.3
39 43.7 20.5 61.6

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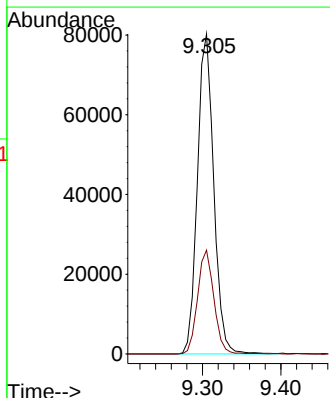
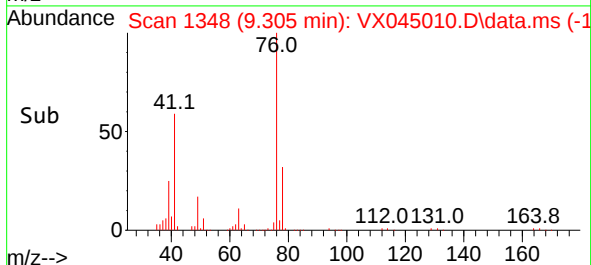
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

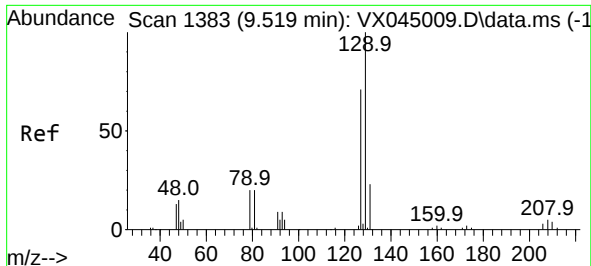


#52
1,3-Dichloropropane
Concen: 51.310 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44



Tgt Ion: 76 Resp: 116358
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.6





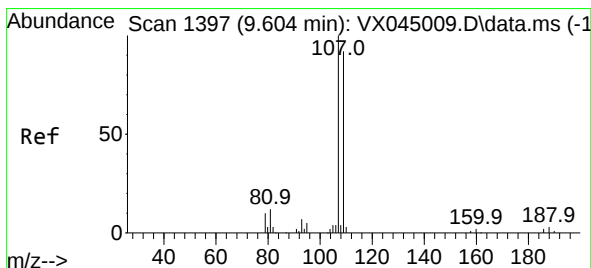
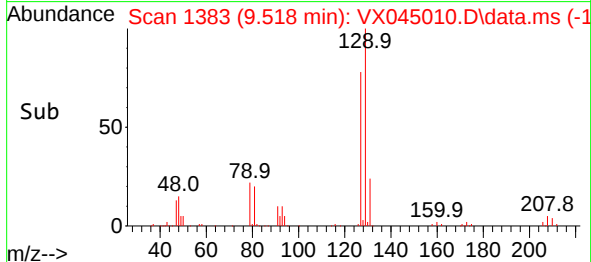
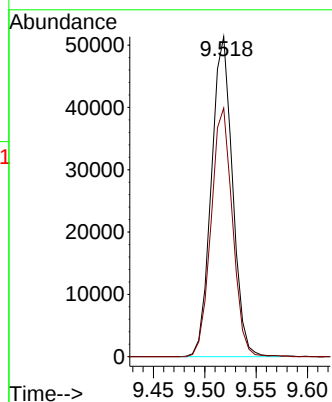
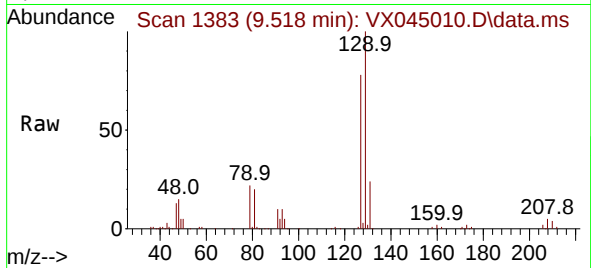
#53
 Dibromochloromethane
 Concen: 51.304 ug/l
 RT: 9.518 min Scan# 1383
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:129 Resp: 7343
 Ion Ratio Lower Upper
 129 100
 127 78.2 37.3 111.9

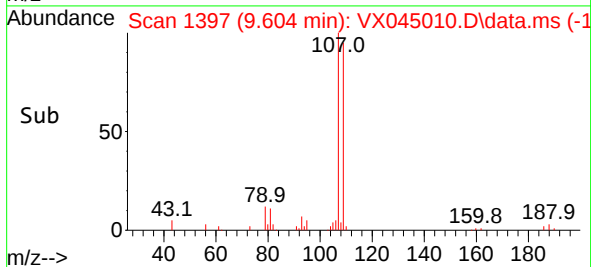
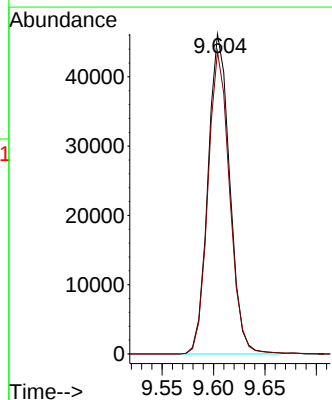
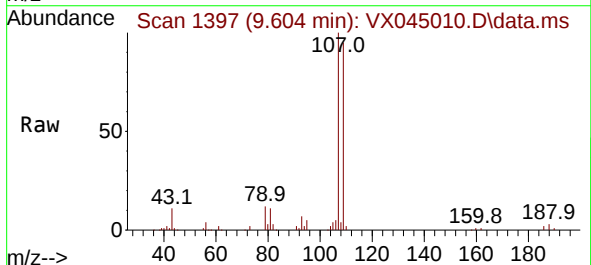
Manual Integrations
 APPROVED

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



#54
 1,2-Dibromoethane
 Concen: 51.685 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

Tgt Ion:107 Resp: 67926
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8





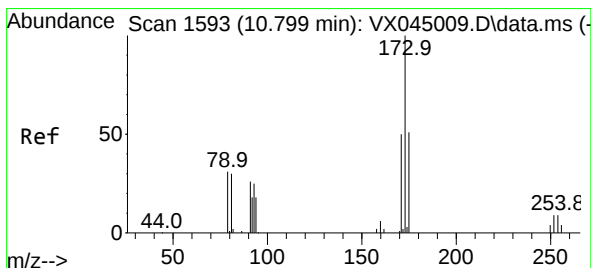
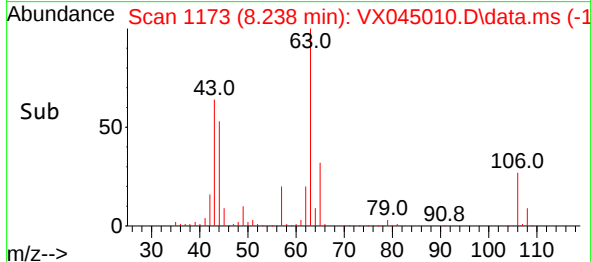
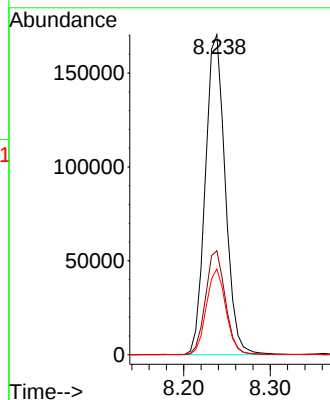
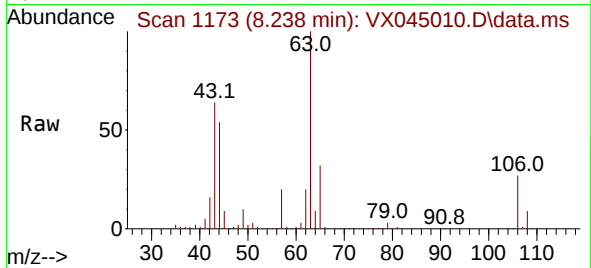
#55
2-Chloroethyl vinyl ether
Concen: 260.575 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 272372
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 26.4 21.2 31.8

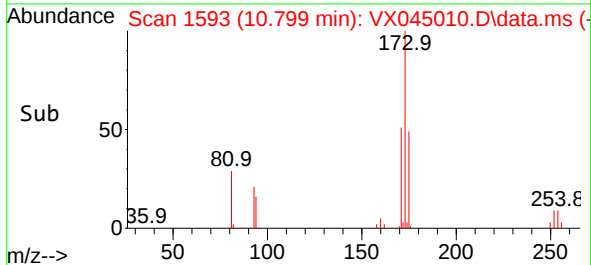
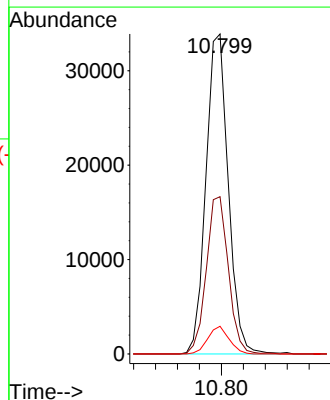
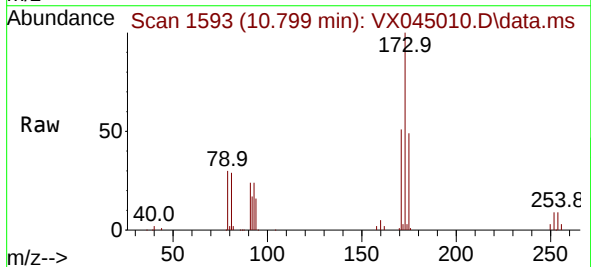
Manual Integrations
APPROVED

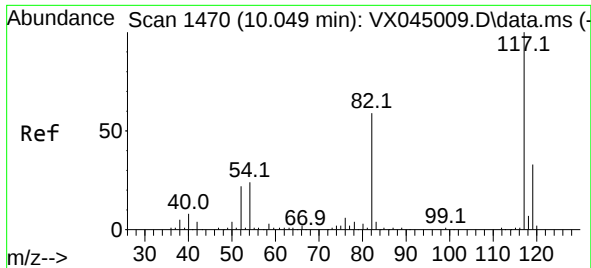
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 53.392 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion:173 Resp: 47891
Ion Ratio Lower Upper
173 100
175 48.5 39.6 59.4
254 8.3 6.3 9.5





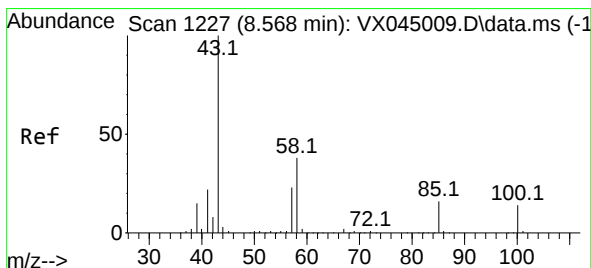
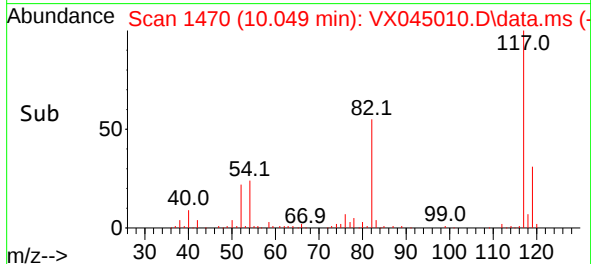
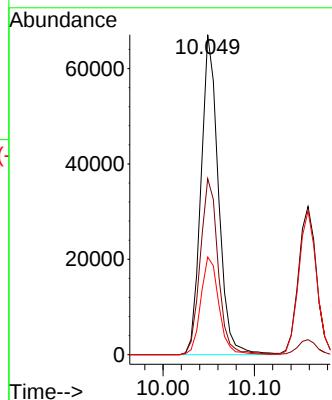
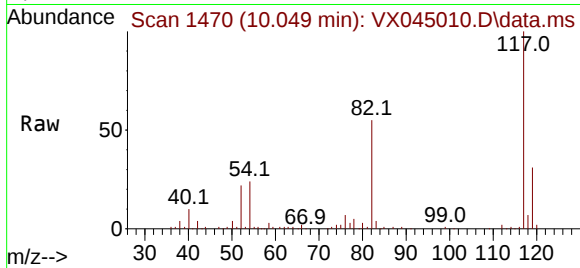
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:117 Resp: 89300
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.8
119 31.7 25.5 38.3

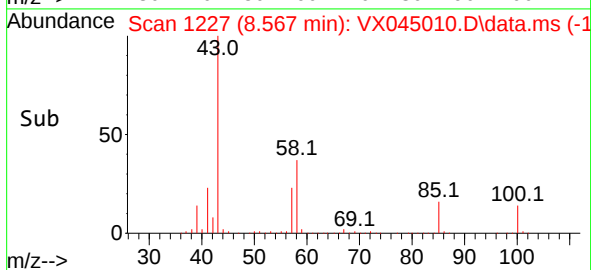
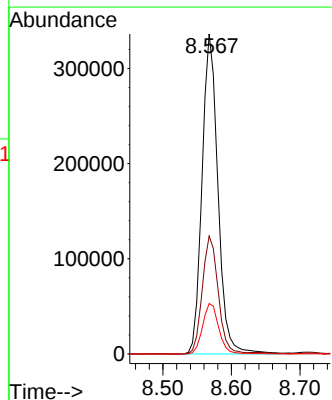
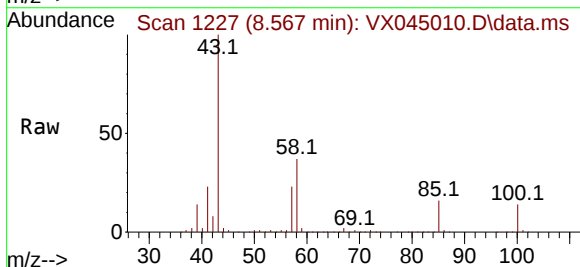
Manual Integrations
APPROVED

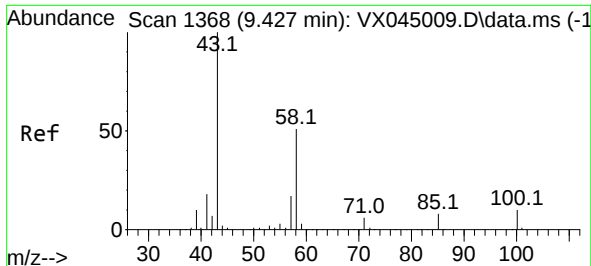
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#58
4-Methyl-2-Pentanone
Concen: 267.752 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

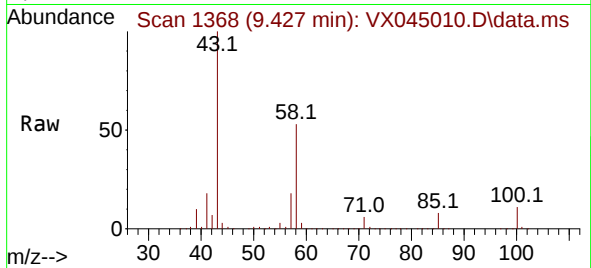
Tgt Ion: 43 Resp: 543908
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3
85 16.0 12.9 19.3





#59
2-Hexanone
Concen: 271.195 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

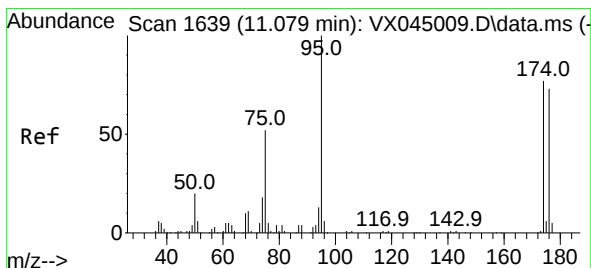
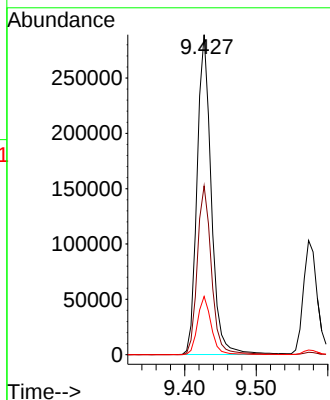
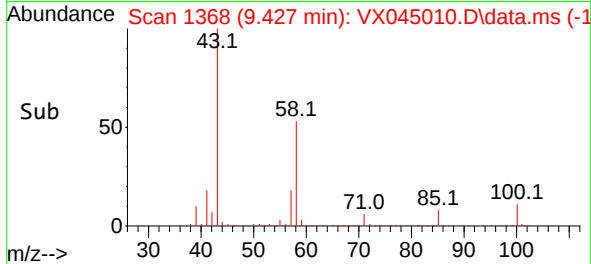
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 398198
Ion Ratio Lower Upper
43 100
58 52.5 41.6 62.4
57 17.6 13.8 20.6

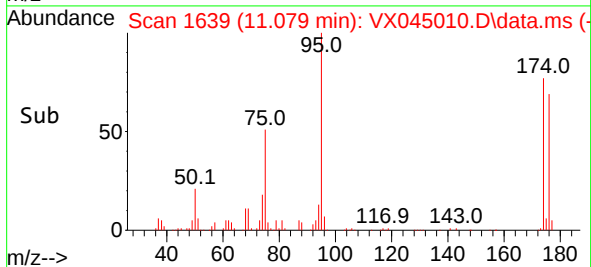
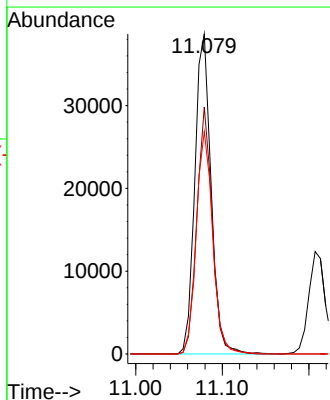
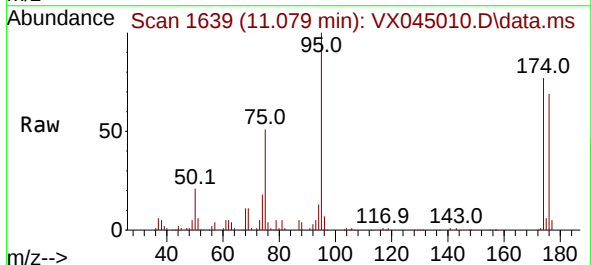
Manual Integrations
APPROVED

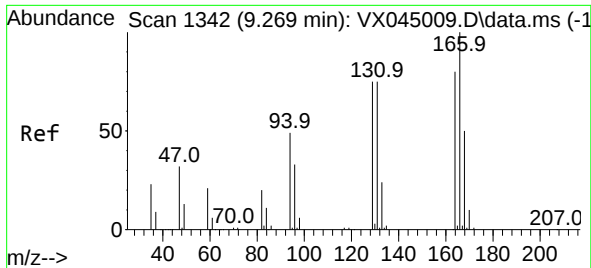
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 30.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 95 Resp: 50413
Ion Ratio Lower Upper
95 100
174 73.6 59.5 89.3
176 70.2 55.5 83.3





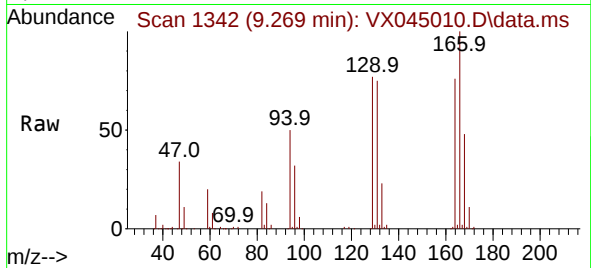
#61
Tetrachloroethene
Concen: 49.659 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



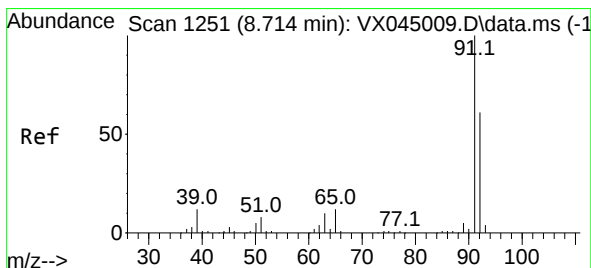
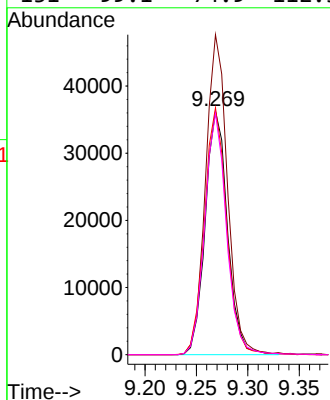
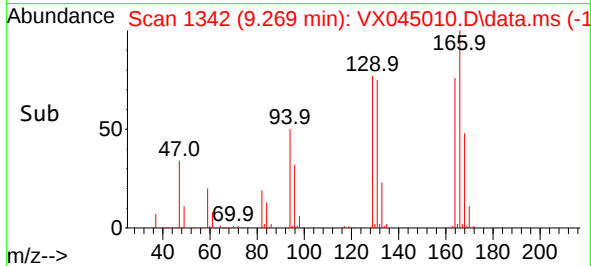
Tgt Ion:164 Resp: 5460
Ion Ratio Lower Upper
164 100
166 131.4 100.3 150.5
129 101.2 75.5 113.3
131 99.1 74.9 112.3

Manual Integrations

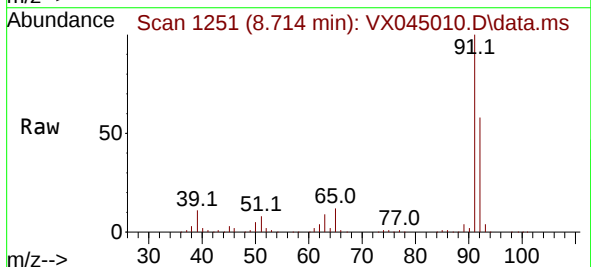
APPROVED

Reviewed By :John Carlone 02/24/2025

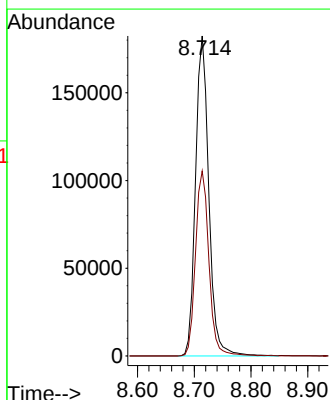
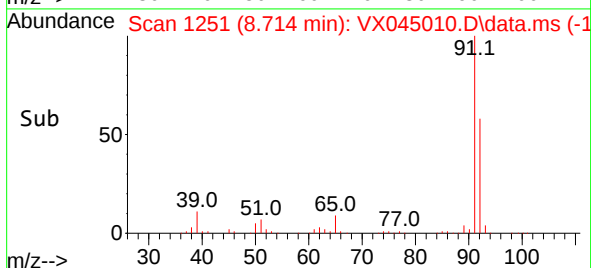
Supervised By :Mahesh Dadoda 02/24/2025

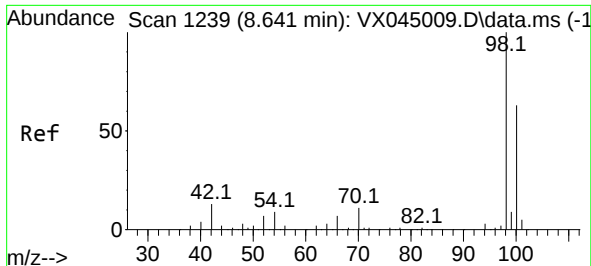


#62
Toluene
Concen: 50.195 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44



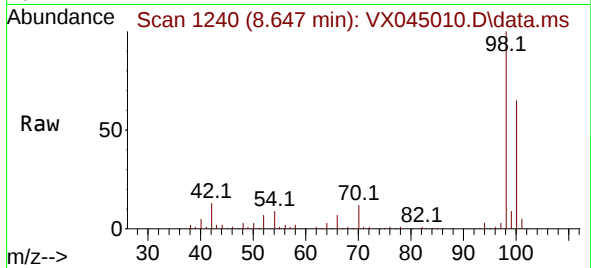
Tgt Ion: 91 Resp: 296930
Ion Ratio Lower Upper
91 100
92 58.4 46.9 70.3





#63
Toluene-d8
Concen: 29.819 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

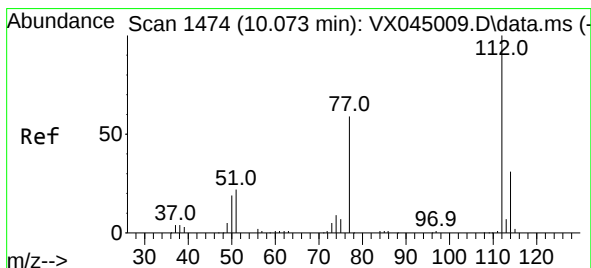
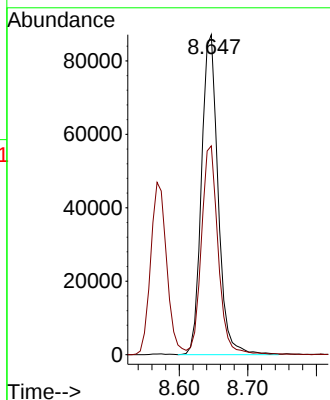
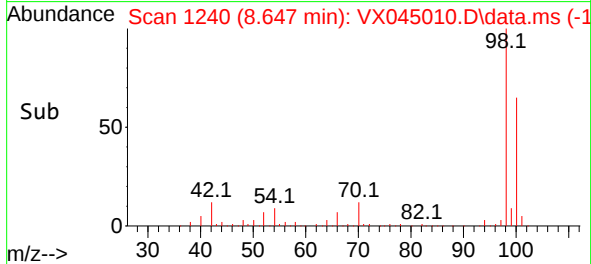
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 147315
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

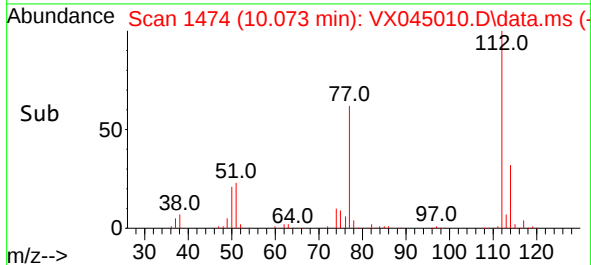
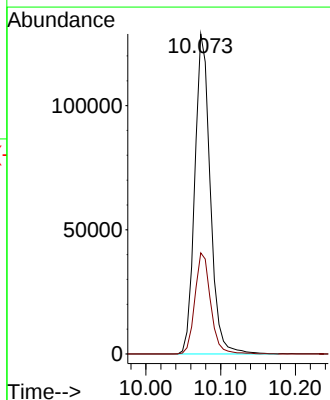
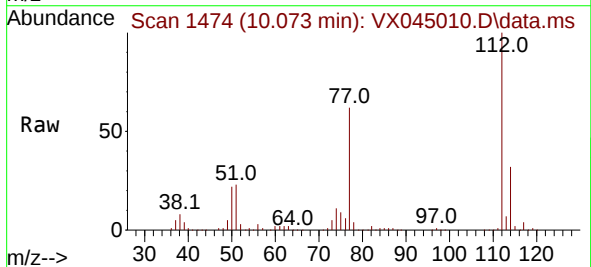
Manual Integrations
APPROVED

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



#64
Chlorobenzene
Concen: 50.511 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

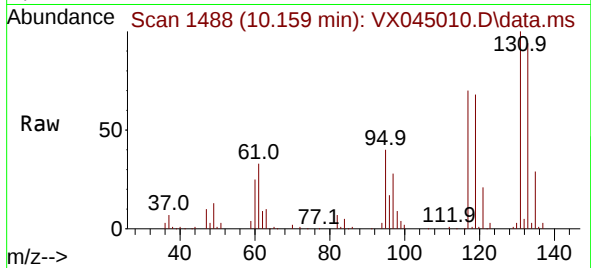
Tgt Ion:112 Resp: 185159
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 50.244 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

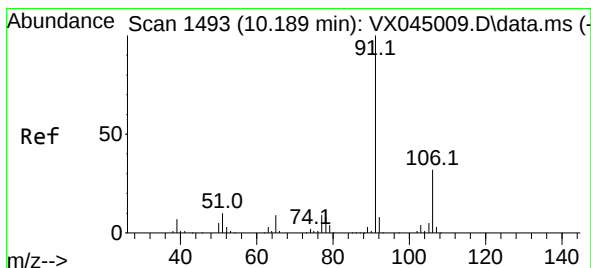
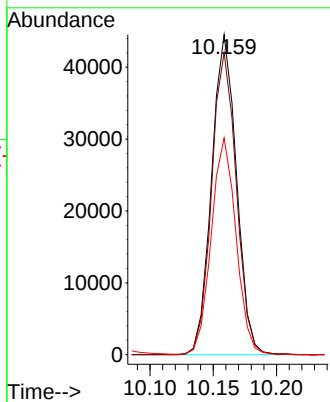
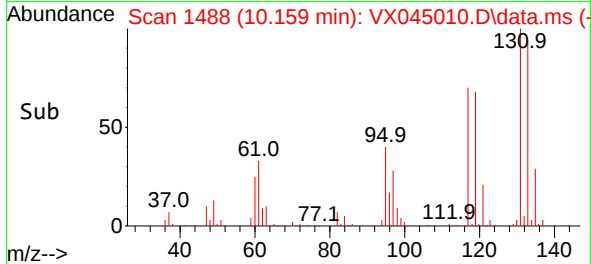
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 60773
Ion Ratio Lower Upper
131 100
133 94.0 0.0 187.8
119 67.5 0.0 133.0

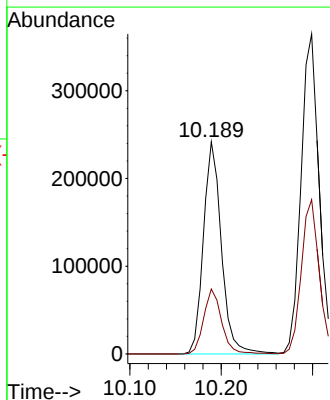
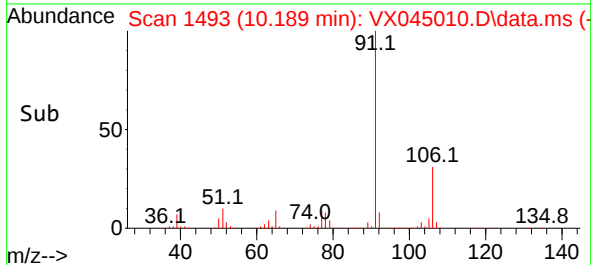
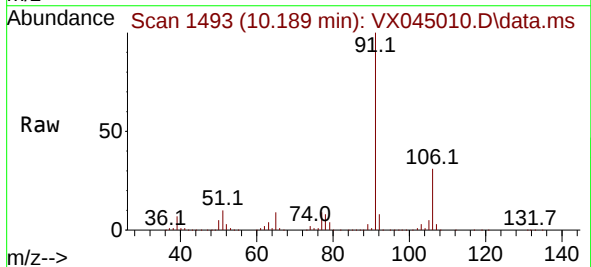
Manual Integrations
APPROVED

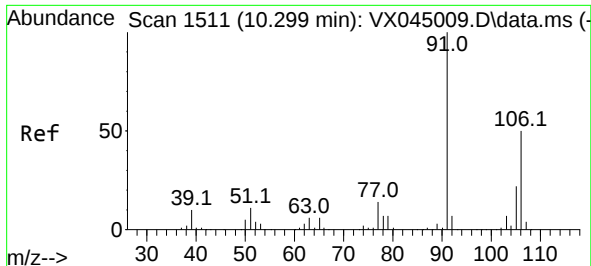
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 51.018 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 91 Resp: 330414
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2





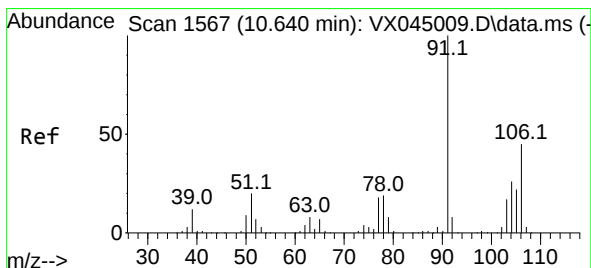
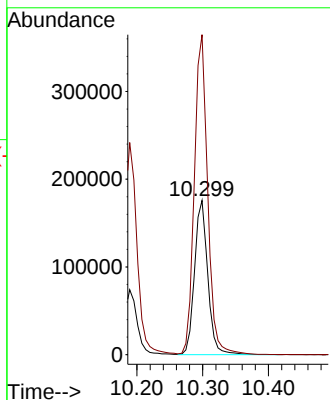
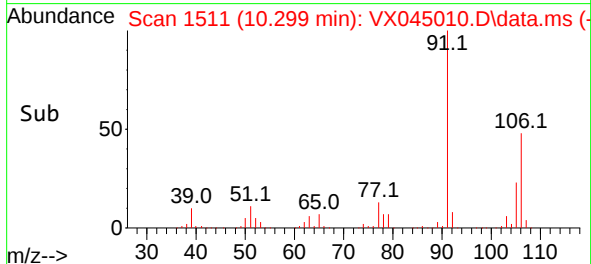
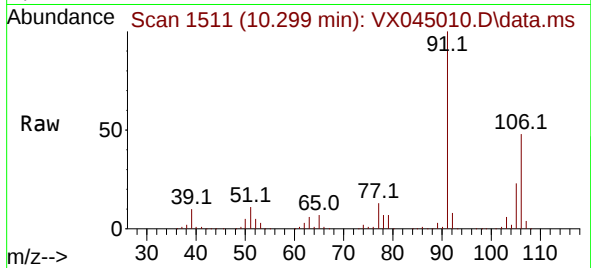
#67
m/p-Xylenes
Concen: 101.498 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 244910
Ion Ratio Lower Upper
106 100
91 208.8 163.7 245.5

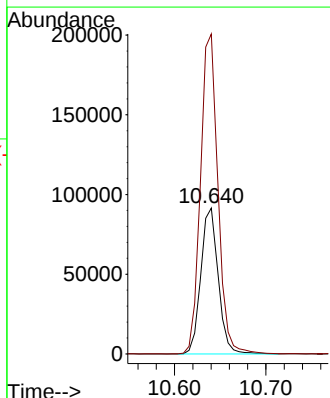
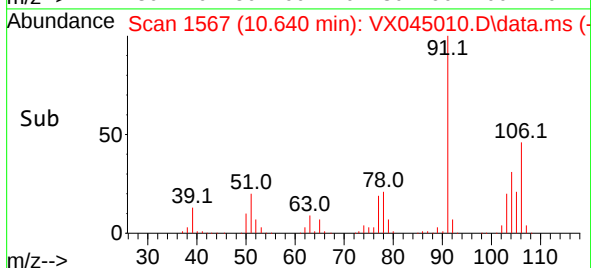
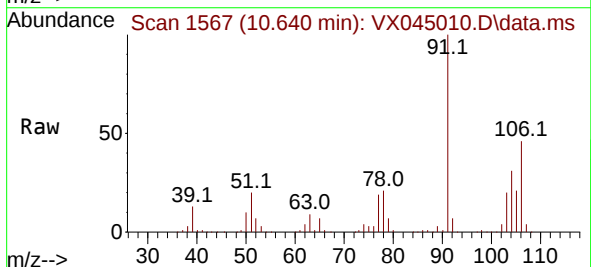
Manual Integrations
APPROVED

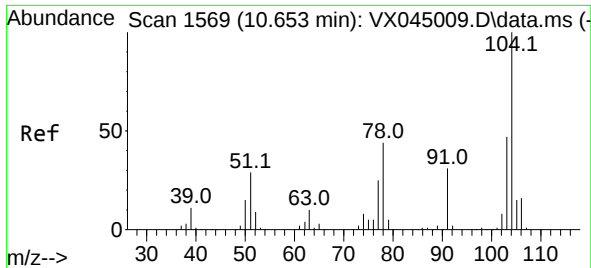
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 51.080 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion:106 Resp: 120934
Ion Ratio Lower Upper
106 100
91 219.8 109.7 329.1





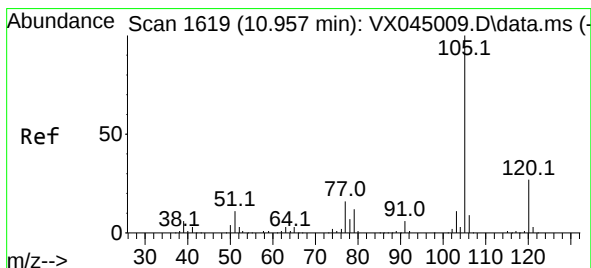
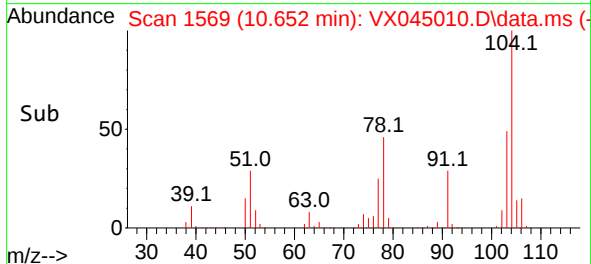
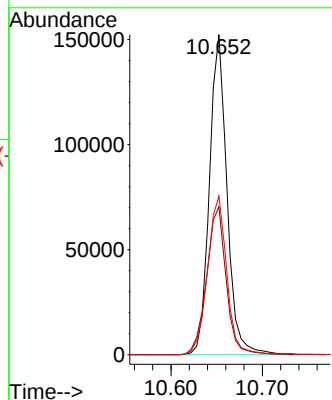
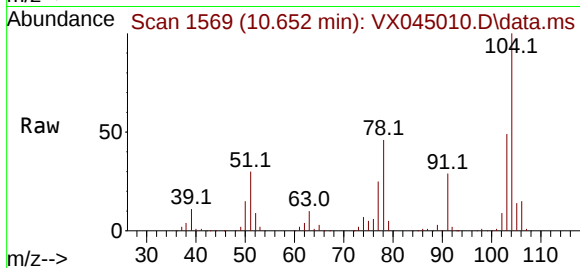
#69
Styrene
Concen: 51.306 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 202875
Ion Ratio Lower Upper
104 100
78 51.4 41.4 62.0
103 54.4 43.0 64.4

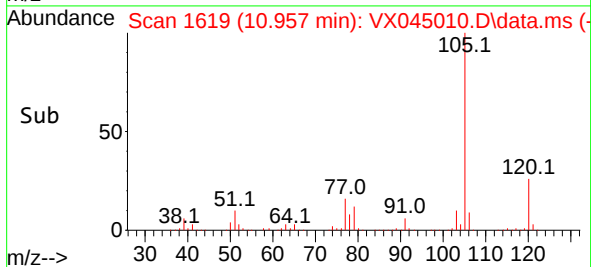
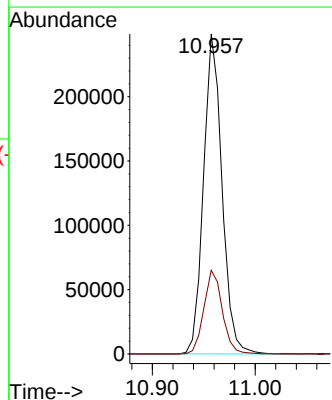
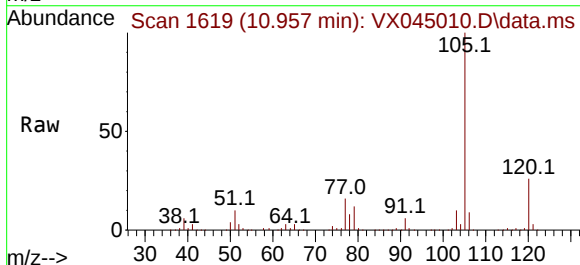
Manual Integrations
APPROVED

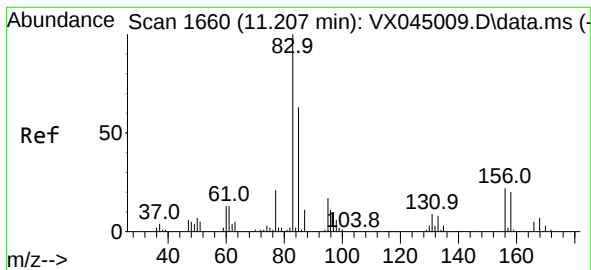
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#70
Isopropylbenzene
Concen: 50.888 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

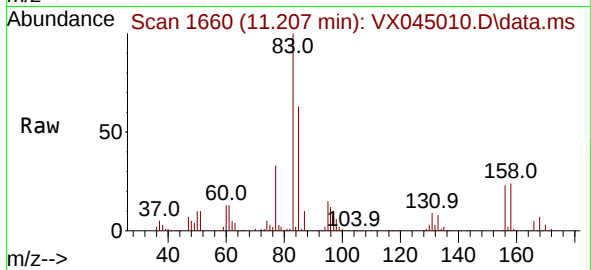
Tgt Ion:105 Resp: 310911
Ion Ratio Lower Upper
105 100
120 26.1 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 52.096 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

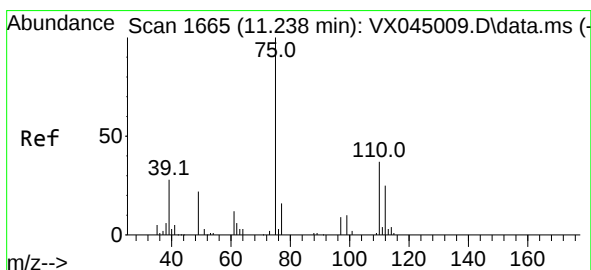
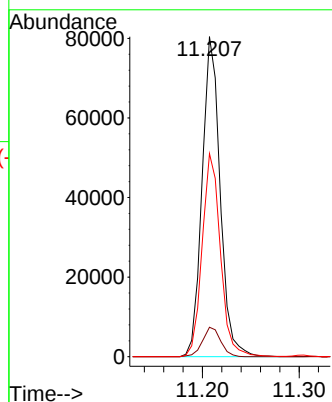
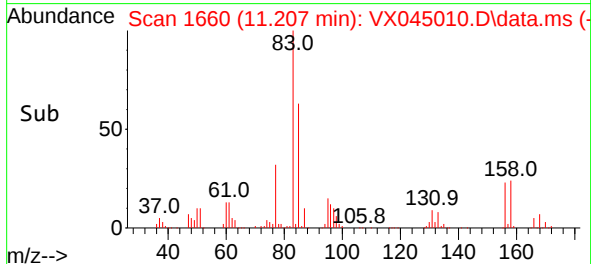
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 10466
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.3
85 64.2 32.3 96.8

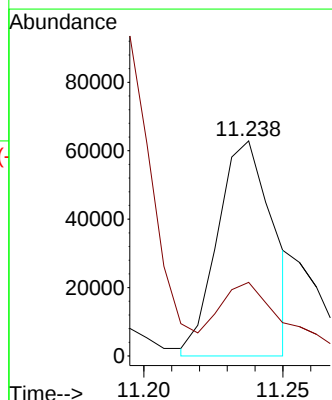
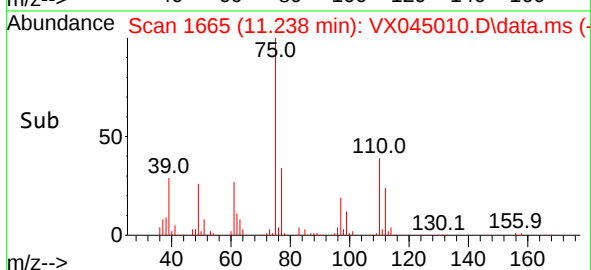
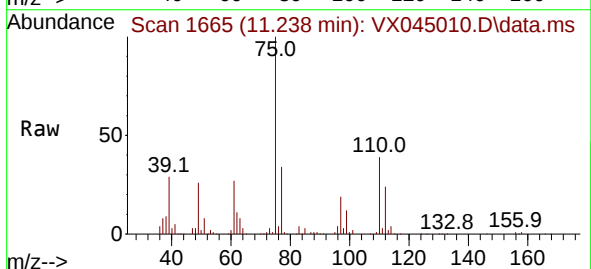
Manual Integrations
APPROVED

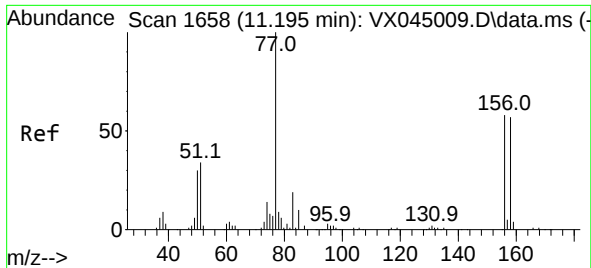
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 52.499 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

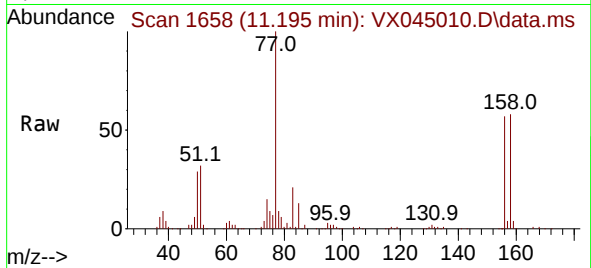
Tgt Ion: 75 Resp: 86752
Ion Ratio Lower Upper
75 100
77 41.5 0.0 84.0





#73
Bromobenzene
Concen: 51.338 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

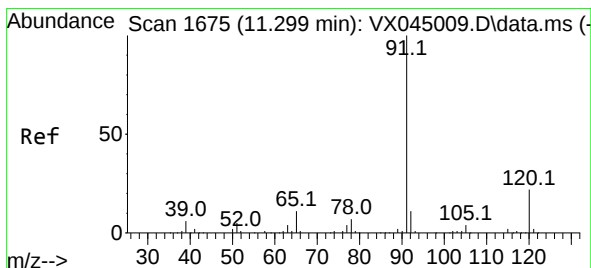
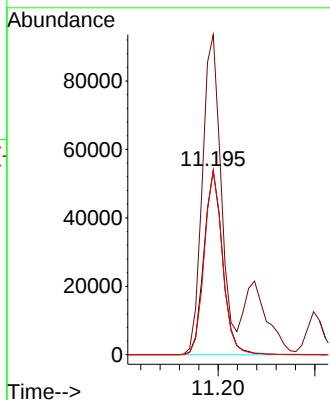
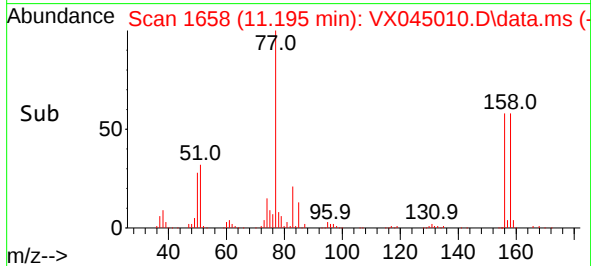
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



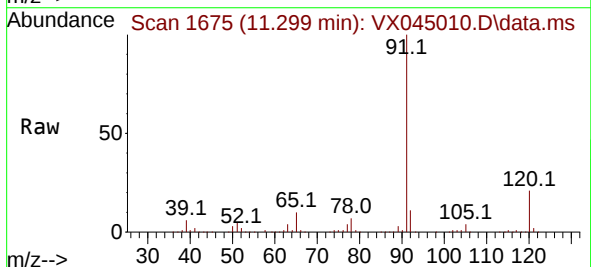
Tgt Ion:156 Resp: 7220
Ion Ratio Lower Upper
156 100
77 174.9 0.0 347.2
158 97.7 0.0 197.6

Manual Integrations
APPROVED

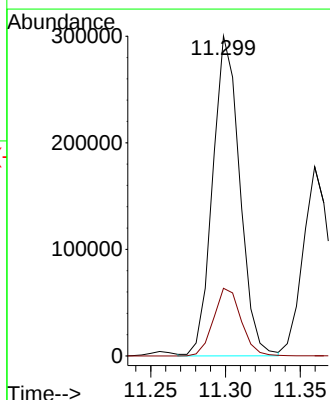
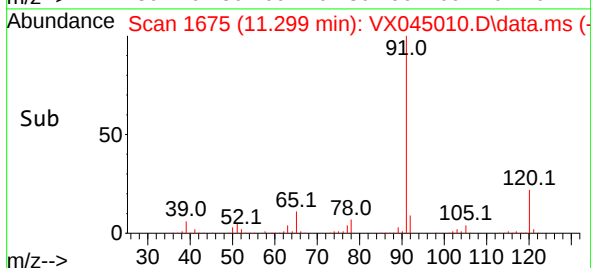
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

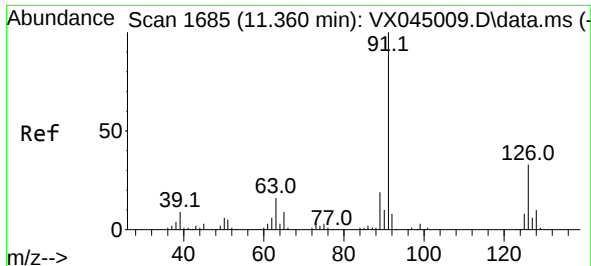


#74
n-propylbenzene
Concen: 51.970 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44



Tgt Ion: 91 Resp: 377855
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.2





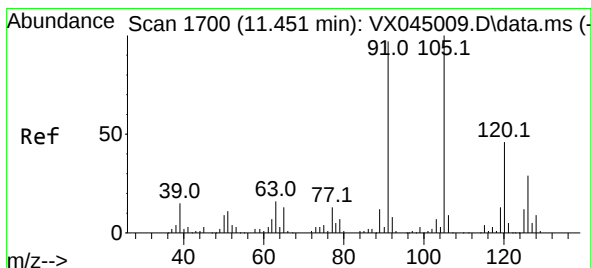
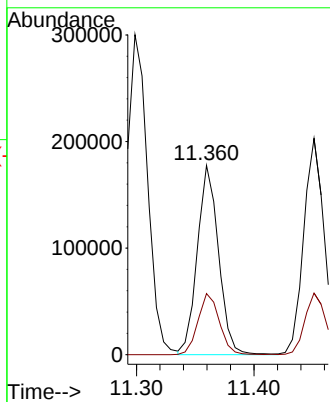
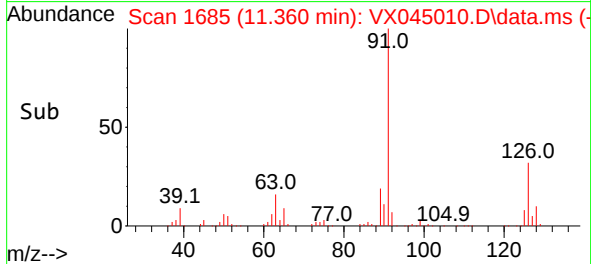
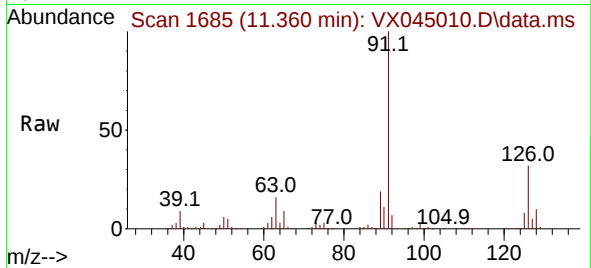
#75
2-Chlorotoluene
Concen: 50.885 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 223660
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4

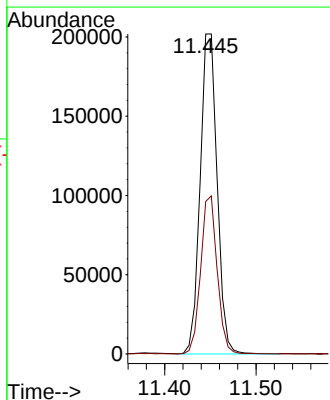
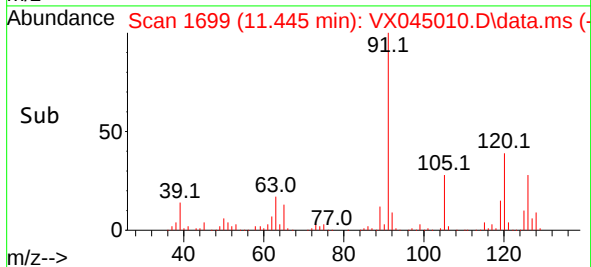
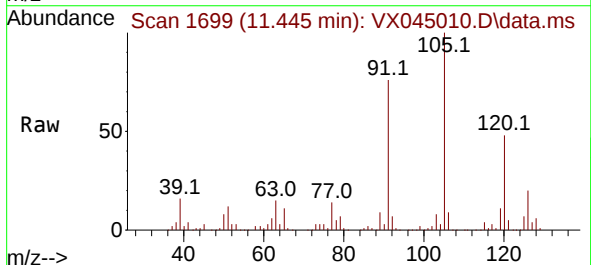
Manual Integrations
APPROVED

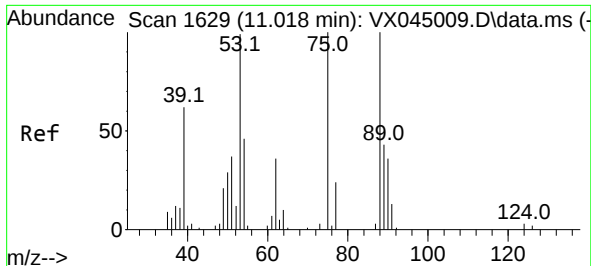
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 51.669 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion:105 Resp: 260432
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4





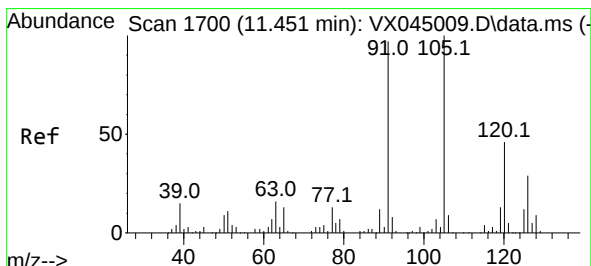
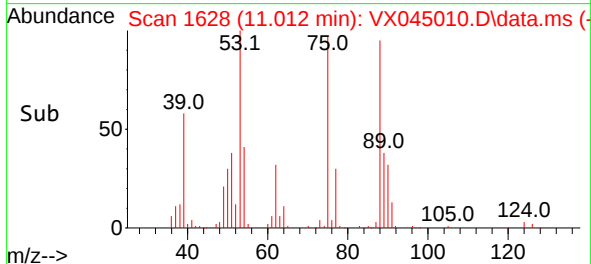
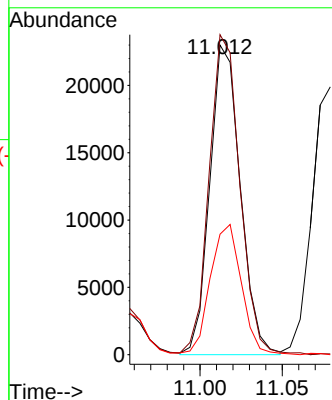
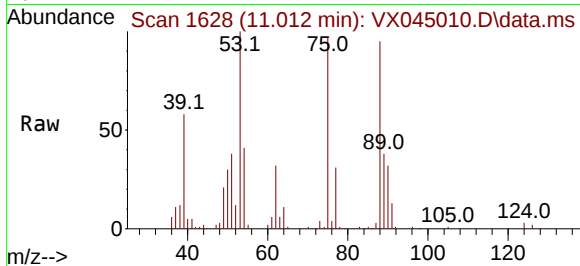
#77
t-1,4-Dichloro-2-butene
Concen: 53.302 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 29634
Ion Ratio Lower Upper
75 100
53 103.4 49.8 149.4
89 38.7 21.4 64.2

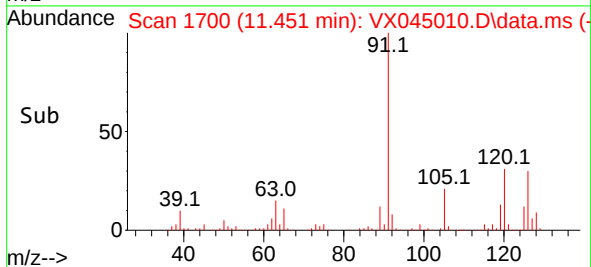
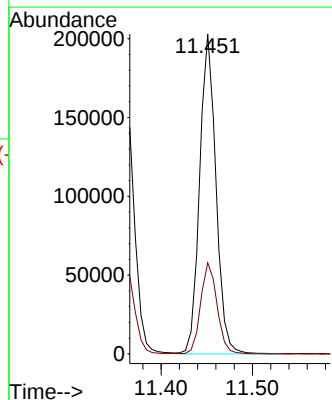
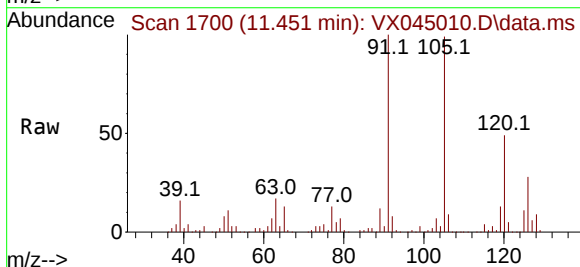
Manual Integrations
APPROVED

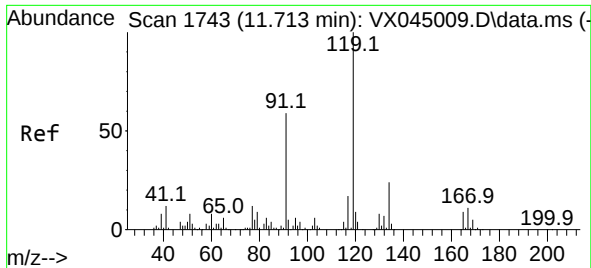
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 51.217 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 91 Resp: 250953
Ion Ratio Lower Upper
91 100
126 28.7 0.0 58.0





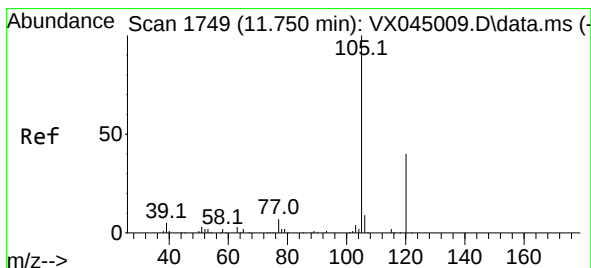
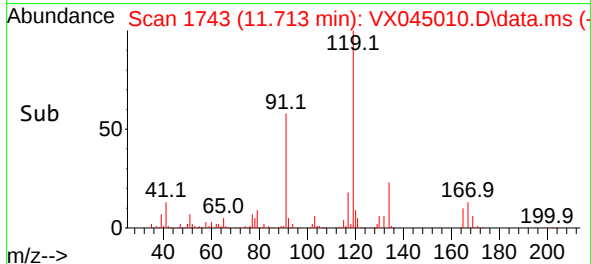
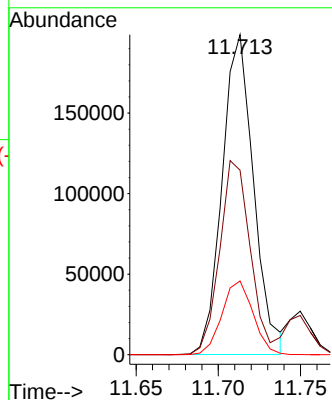
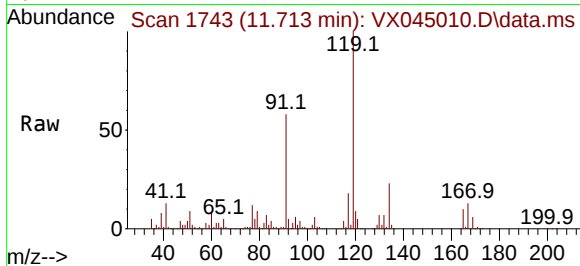
#79
tert-butylbenzene
Concen: 52.144 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 264815
Ion Ratio Lower Upper
119 100
91 58.7 0.0 120.6
134 22.8 0.0 48.2

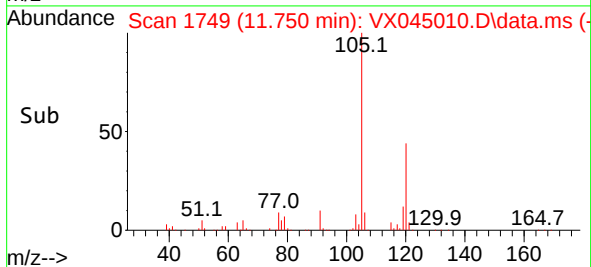
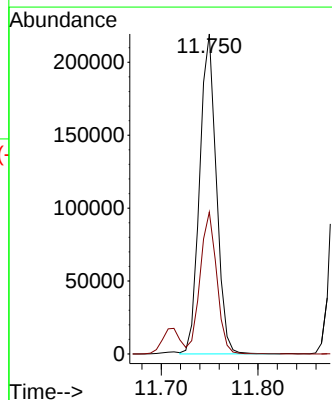
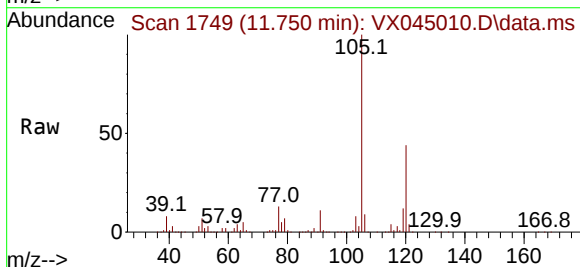
Manual Integrations
APPROVED

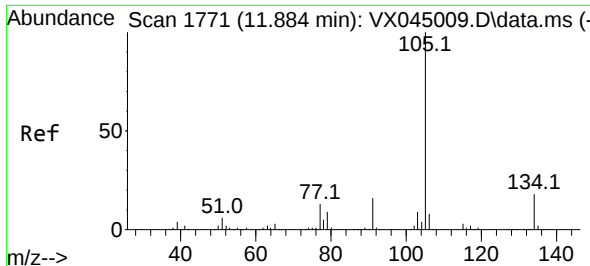
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 52.114 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

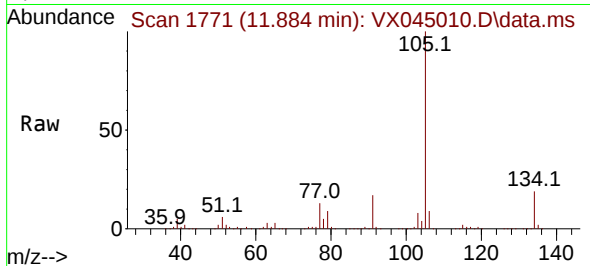
Tgt Ion:105 Resp: 263122
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 51.608 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44

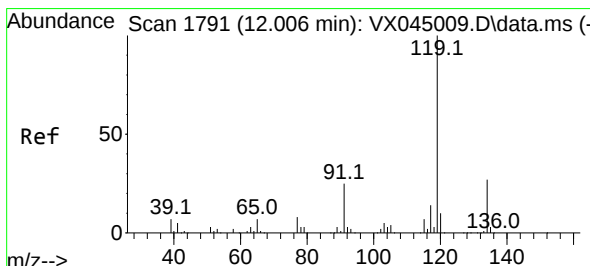
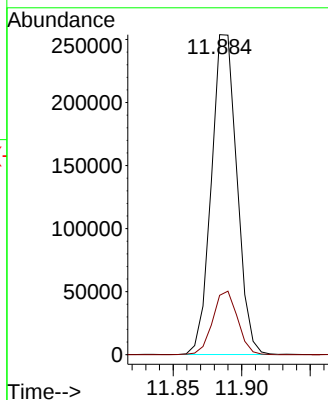
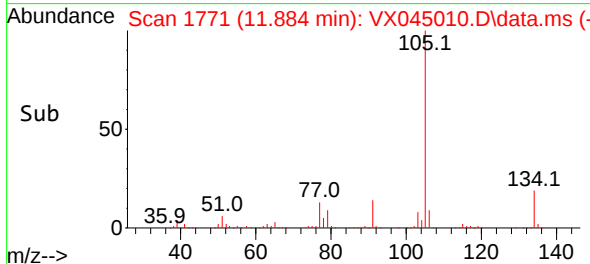
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



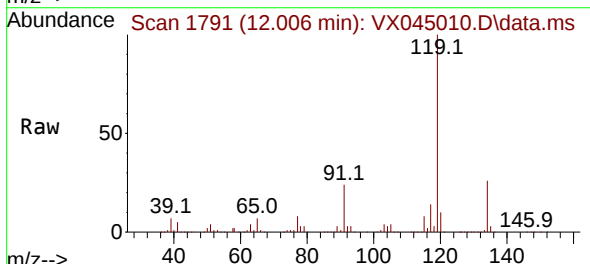
Tgt Ion:105 Resp: 328940
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

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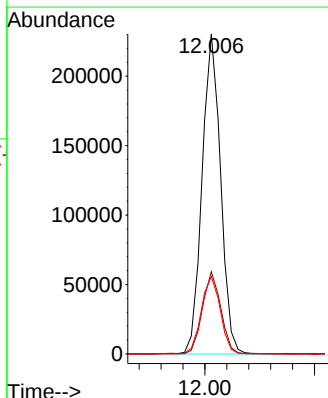
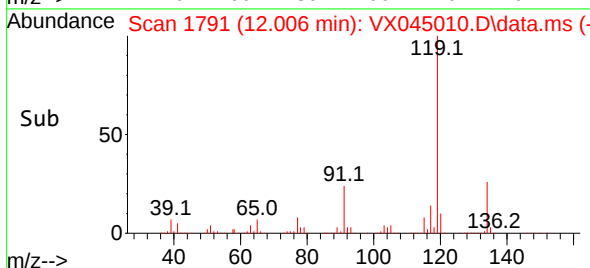
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#82
 p-Isopropyltoluene
 Concen: 52.183 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045010.D
 Acq: 21 Feb 2025 10:44



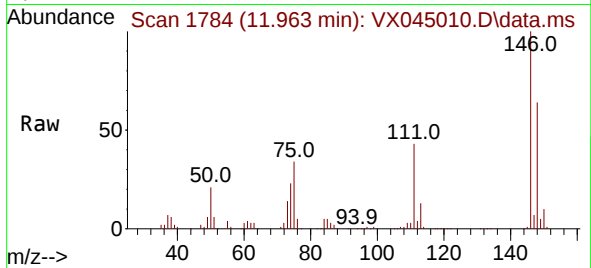
Tgt Ion:119 Resp: 269490
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 24.7 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 51.467 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

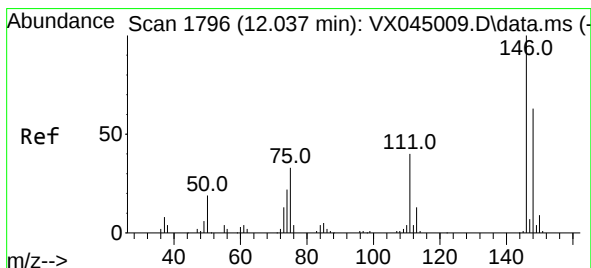
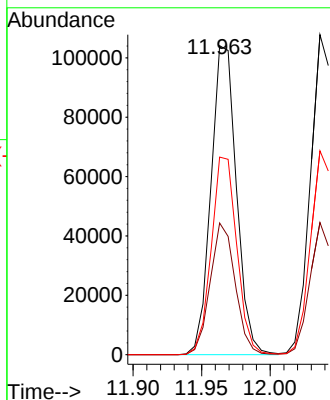
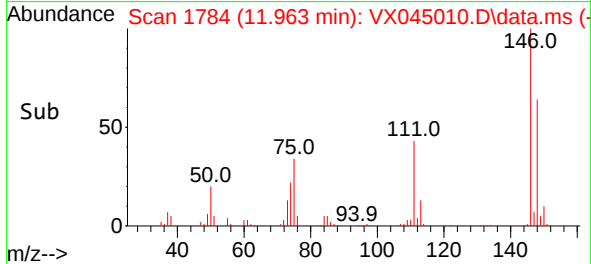
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



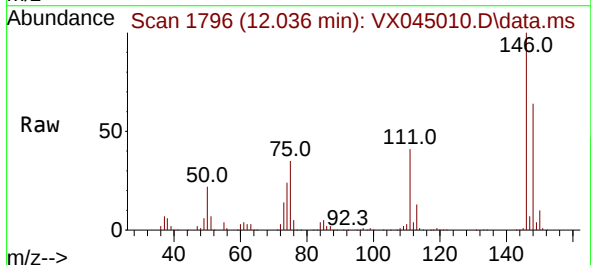
Tgt Ion:146 Resp: 134689
Ion Ratio Lower Upper
146 100
111 41.8 20.2 60.5
148 64.2 31.2 93.6

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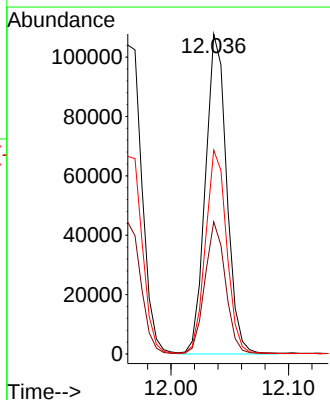
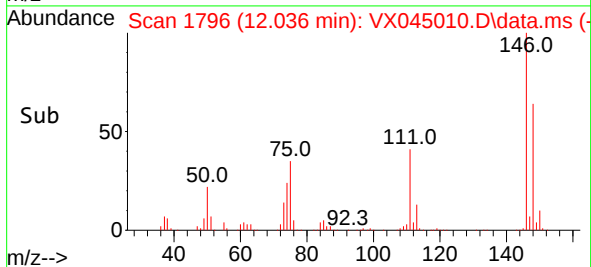
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

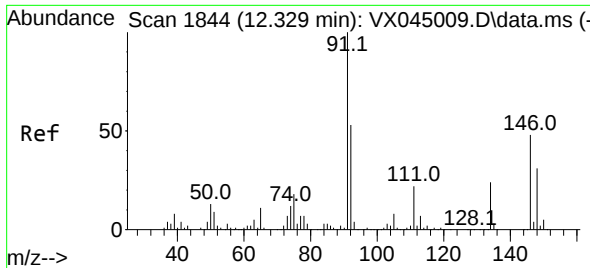


#84
1,4-Dichlorobenzene
Concen: 52.490 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44



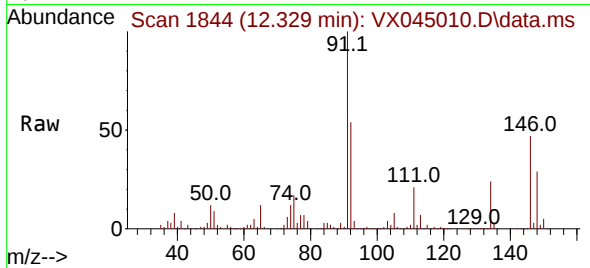
Tgt Ion:146 Resp: 135436
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.2
148 63.8 31.8 95.4





#85
n-Butylbenzene
Concen: 52.851 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

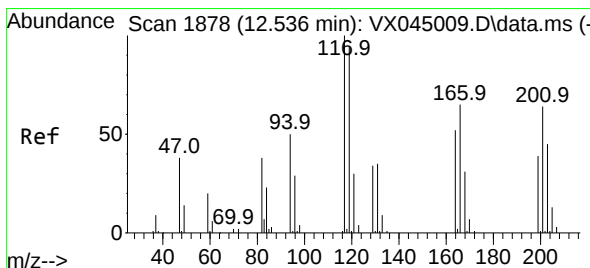
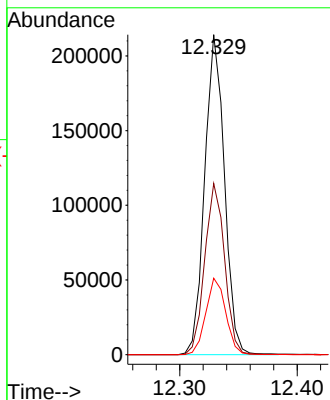
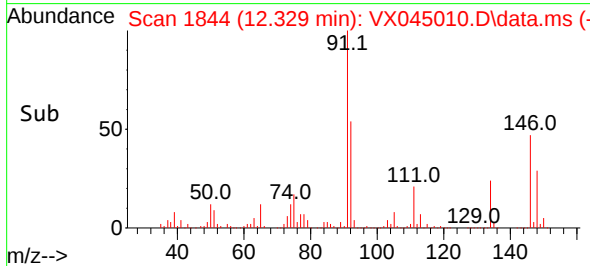
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 24924
Ion Ratio Lower Upper
91 100
92 53.9 0.0 105.2
134 24.2 0.0 49.4

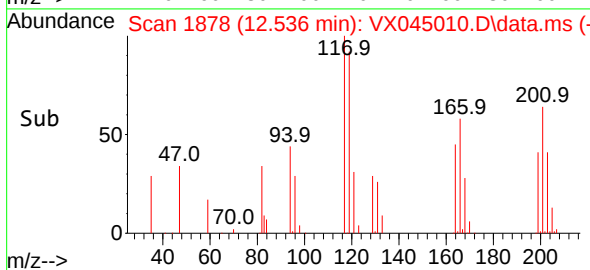
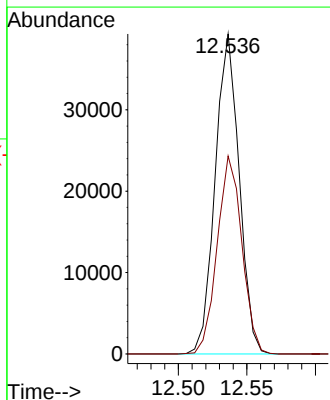
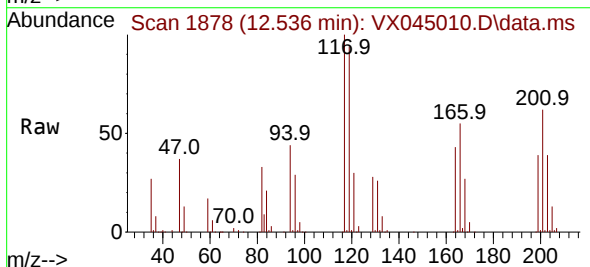
Manual Integrations
APPROVED

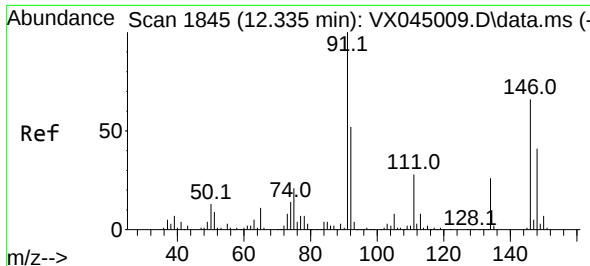
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 52.555 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

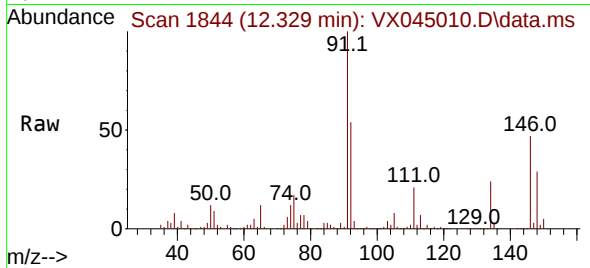
Tgt Ion:117 Resp: 47866
Ion Ratio Lower Upper
117 100
201 63.8 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 51.846 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

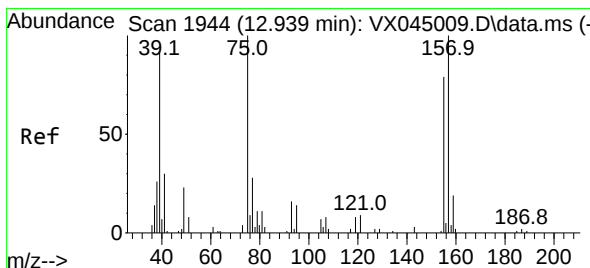
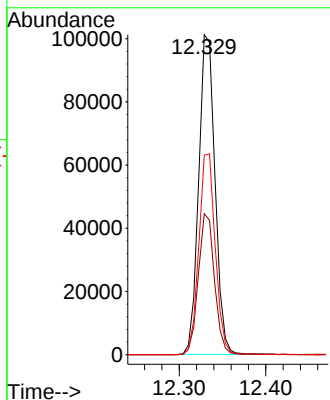
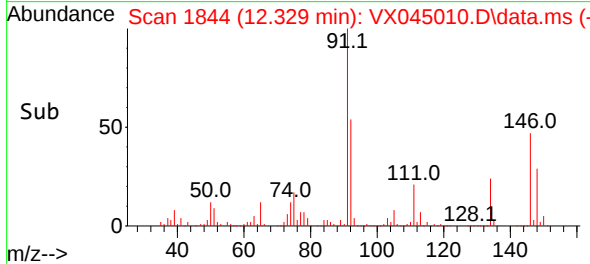
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:146 Resp: 13312
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 63.0 31.8 95.4

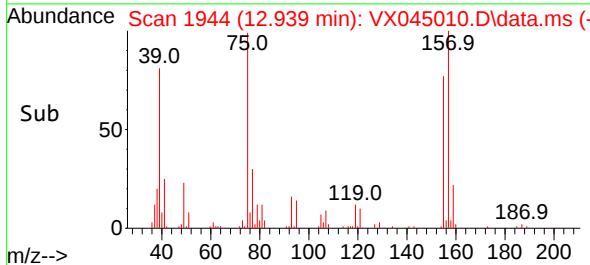
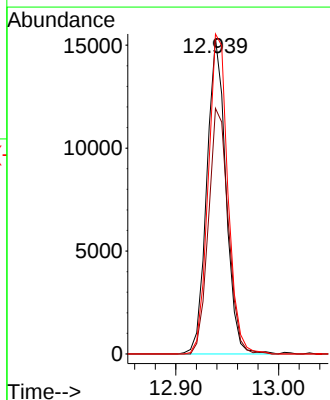
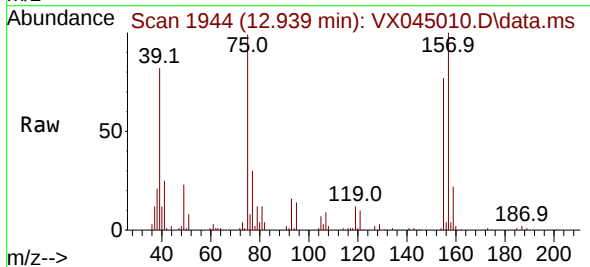
Manual Integrations
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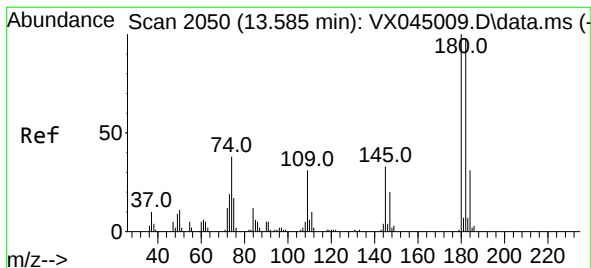
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 50.807 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

Tgt Ion: 75 Resp: 19763
Ion Ratio Lower Upper
75 100
155 80.4 66.2 99.4
157 104.4 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 51.710 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

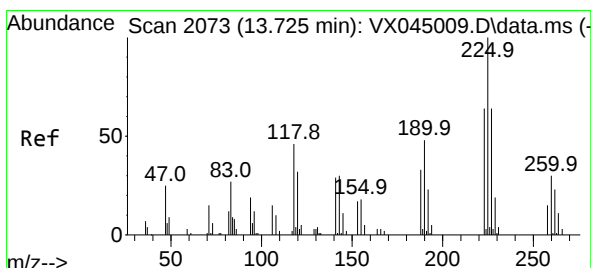
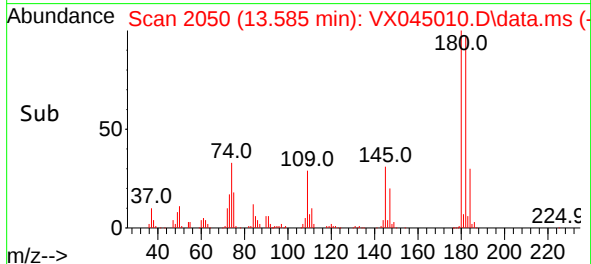
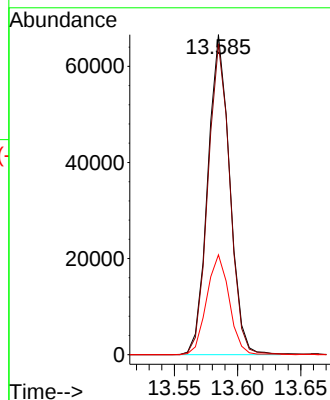
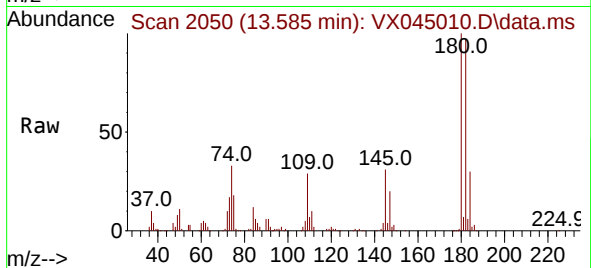
Tgt Ion:180	Resp:	80472
Ion Ratio	Lower	Upper
180	100	
182	96.1	77.7 116.5
145	31.9	25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#90

Hexachlorobutadiene

Concen: 50.003 ug/l

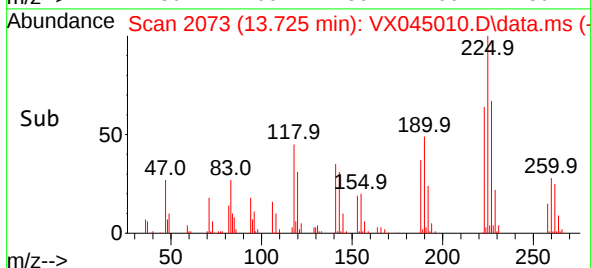
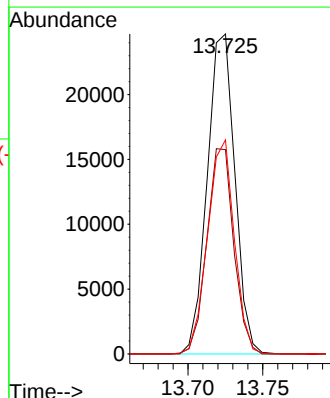
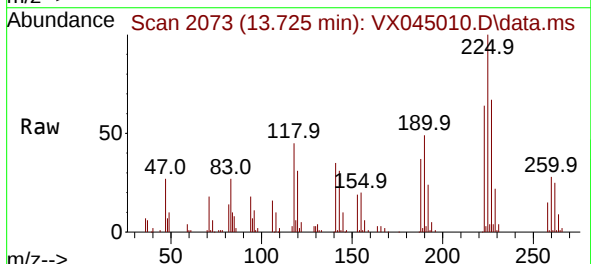
RT: 13.725 min Scan# 2073

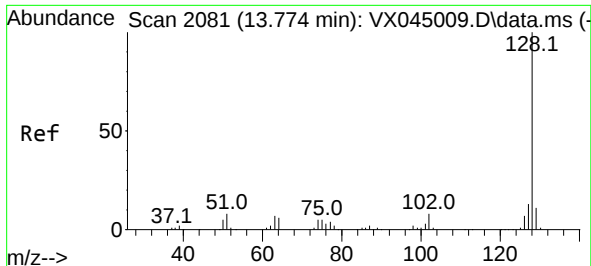
Delta R.T. -0.000 min

Lab File: VX045010.D

Acq: 21 Feb 2025 10:44

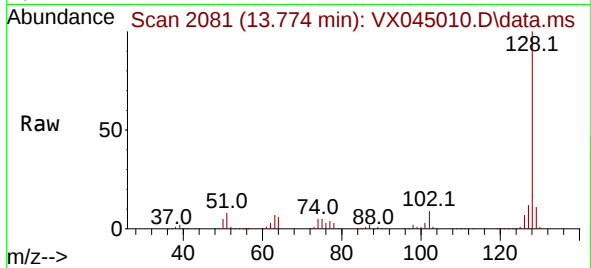
Tgt Ion:225	Resp:	31734
Ion Ratio	Lower	Upper
225	100	
223	62.7	0.0 123.4
227	64.6	0.0 127.4





#91
Naphthalene
Concen: 52.634 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44

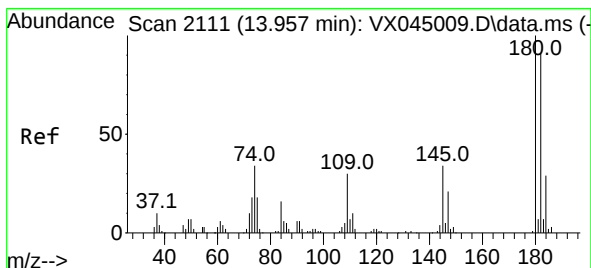
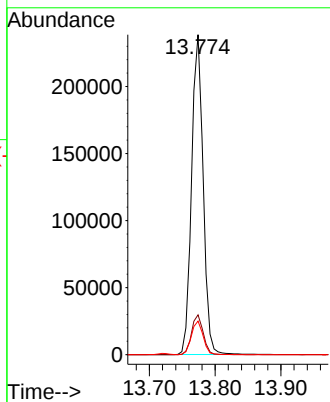
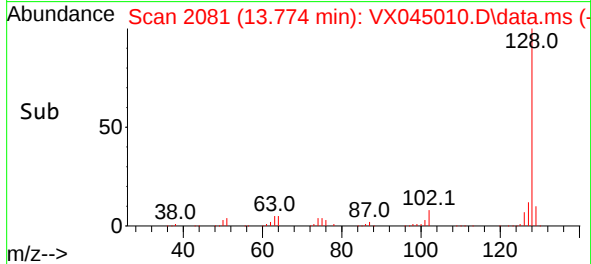
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



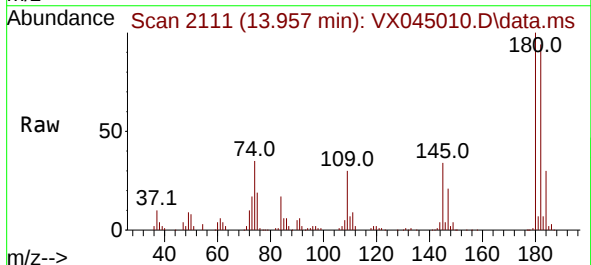
Tgt Ion:128 Resp: 28882
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.7 8.7 13.1

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



#92
1,2,3-Trichlorobenzene
Concen: 51.015 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045010.D
Acq: 21 Feb 2025 10:44



Tgt Ion:180 Resp: 81734
Ion Ratio Lower Upper
180 100
182 94.3 0.0 186.6
145 33.7 0.0 68.4

