

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045011.D
 Acq On : 21 Feb 2025 11:07
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 22 00:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:21:26 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.891	128	17332	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	98516	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	88321	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	50601	30.059	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.200%	
60) 4-Bromofluorobenzene	11.079	95	49683	30.096	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.333%	
63) Toluene-d8	8.647	98	148078	30.306	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	140259	95.997	ug/l	97
3) Chloromethane	1.294	50	166114	94.924	ug/l	99
4) Vinyl Chloride	1.374	62	163236	96.669	ug/l	99
5) Bromomethane	1.593	94	54558	92.819	ug/l	95
6) Chloroethane	1.666	64	84688	92.599	ug/l	97
7) Trichlorofluoromethane	1.874	101	220045	96.956	ug/l	96
8) Diethyl Ether	2.130	74	82964	96.616	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	129494	96.068	ug/l	98
10) 1,1-Dichloroethene	2.313	96	130666	99.244	ug/l	94
11) Methyl Iodide	2.447	142	161844	108.607	ug/l	98
12) Methyl Acetate	2.703	43	150865	98.675	ug/l	99
13) Acrolein	2.233	56	156104	509.382	ug/l	97
14) Acrylonitrile	3.062	53	370914	496.667	ug/l	99
15) Acetone	2.380	58	97560	476.326	ug/l	98
16) Carbon Disulfide	2.502	76	371874	99.576	ug/l	100
17) Allyl chloride	2.654	41	246065	99.923	ug/l	98
18) Methylene Chloride	2.782	84	144938	97.871	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	130562	98.015	ug/l	97
20) Diisopropyl ether	3.757	45	470167	99.355	ug/l #	82
21) 1,1-Dichloroethane	3.605	63	258430	98.196	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	156933	98.314	ug/l	99
23) tert-Butyl Alcohol	2.989	59	125570	481.055	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	426471	99.244	ug/l	99
25) Chloroform	5.080	83	248045	97.577	ug/l	99
26) Cyclohexane	5.458	56	236876	97.509	ug/l #	98
29) 1,1-Dichloropropene	5.684	75	174620	96.357	ug/l	100
30) 2-Butanone	4.550	43	505036	482.489	ug/l	99
31) 2,2-Dichloropropane	4.465	77	202370	98.758	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	211623	96.379	ug/l	99
33) Carbon Tetrachloride	5.666	117	178685	96.425	ug/l	99
34) Benzene	6.031	78	548369	96.492	ug/l	99
35) Methacrylonitrile	4.910	41	111962	99.957	ug/l	97
36) 1,2-Dichloroethane	6.080	62	189437	97.362	ug/l	98
37) Trichloroethene	7.117	130	128134	96.375	ug/l	97
38) Methylcyclohexane	7.373	83	237839	97.744	ug/l	97
39) 1,2-Dichloropropane	7.421	63	140148	99.193	ug/l	98
40) Dibromomethane	7.574	93	97805	96.465	ug/l	99
41) Bromodichloromethane	7.818	83	197339	97.929	ug/l	99
42) Vinyl Acetate	3.715	43	2042535	502.855	ug/l	99

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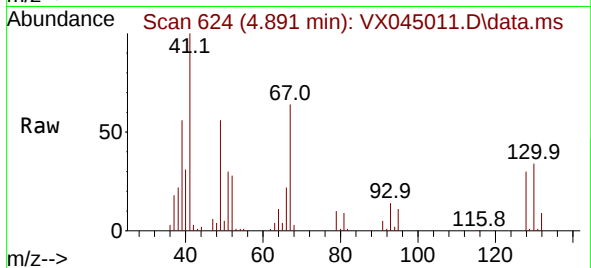
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	199092	101.424	ug/l	97
44) Isopropyl Acetate	6.336	43	329903	102.113	ug/l	99
45) 1,4-Dioxane	7.659	88	63728	1897.493	ug/l	98
46) Methyl methacrylate	7.690	41	162523	102.589	ug/l	100
47) n-amyl Acetate	10.842	43	282922	100.917	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	202810	104.416	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	223833	101.800	ug/l	100
50) 1,1,2-Trichloroethane	9.147	97	127690	96.553	ug/l	95
51) Ethyl methacrylate	9.110	69	214475	103.117	ug/l	97
52) 1,3-Dichloropropane	9.305	76	222694	96.102	ug/l	99
53) Dibromochloromethane	9.519	129	144384	98.713	ug/l	97
54) 1,2-Dibromoethane	9.604	107	130524	97.194	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	535473	501.334	ug/l	99
56) Bromoform	10.799	173	92416	100.830	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	983713	489.624	ug/l	99
59) 2-Hexanone	9.427	43	708849	488.118	ug/l	98
61) Tetrachloroethene	9.269	164	104854	96.410	ug/l	97
62) Toluene	8.714	91	575772	98.410	ug/l	99
64) Chlorobenzene	10.073	112	359123	99.055	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	117602	98.304	ug/l	98
66) Ethyl Benzene	10.189	91	641324	100.122	ug/l	97
67) m/p-Xylenes	10.299	106	470322	197.072	ug/l	98
68) o-Xylene	10.640	106	230392	98.392	ug/l	100
69) Styrene	10.653	104	387436	99.067	ug/l	98
70) Isopropylbenzene	10.957	105	596402	98.698	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	190591	95.916	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	158994m	97.283	ug/l	
73) Bromobenzene	11.195	156	136270	97.960	ug/l	98
74) n-propylbenzene	11.299	91	717361	99.759	ug/l	99
75) 2-Chlorotoluene	11.360	91	421424	96.938	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	487050	97.701	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	59873	108.886	ug/l	98
78) 4-Chlorotoluene	11.451	91	477861	98.607	ug/l	98
79) tert-butylbenzene	11.713	119	490816	97.716	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	486770	97.478	ug/l	100
81) sec-Butylbenzene	11.890	105	616448	97.788	ug/l	100
82) p-Isopropyltoluene	12.006	119	510223	99.893	ug/l	99
83) 1,3-Dichlorobenzene	11.963	146	250755	96.883	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	249668	97.834	ug/l	99
85) n-Butylbenzene	12.329	91	476457	102.150	ug/l	98
86) Hexachloroethane	12.536	117	92493	102.679	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	240056	94.528	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	37960	98.669	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	158594	103.039	ug/l	98
90) Hexachlorobutadiene	13.719	225	60565	96.489	ug/l	98
91) Naphthalene	13.774	128	548026	100.977	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	158881	100.267	ug/l	100

(#) = 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: VX045011.D
 Acq: 21 Feb 2025 11:07

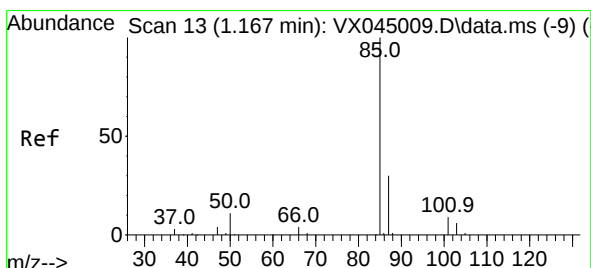
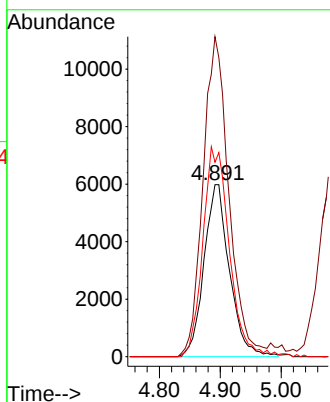
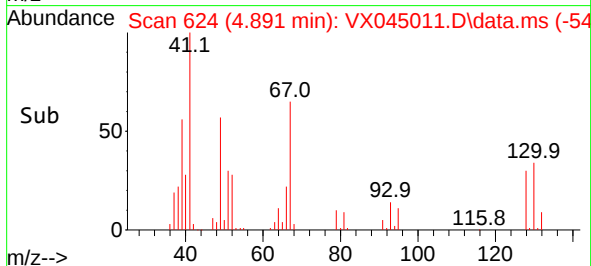
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



Tgt Ion:128 Resp: 1733
 Ion Ratio Lower Upper
 128 100
 49 189.4 0.0 449.7
 130 126.9 0.0 312.7

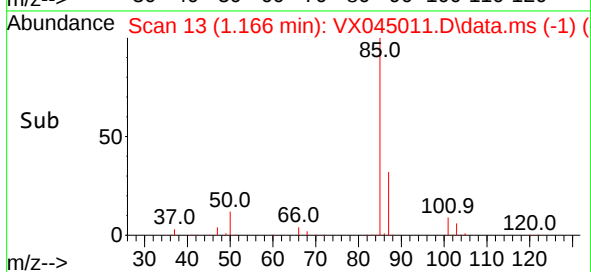
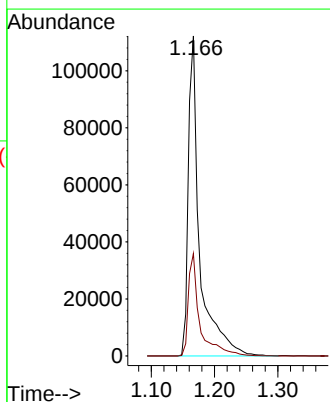
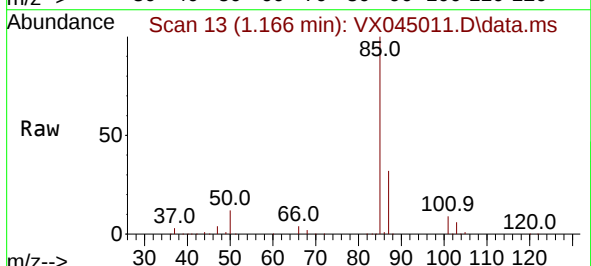
Manual Integrations
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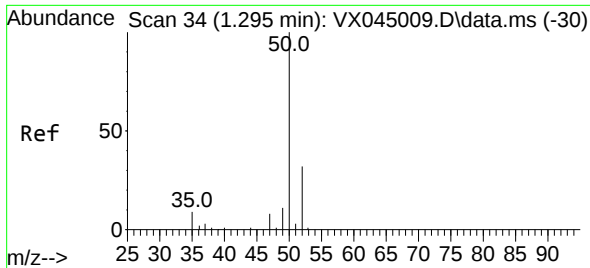
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#2
 Dichlorodifluoromethane
 Concen: 95.997 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045011.D
 Acq: 21 Feb 2025 11:07

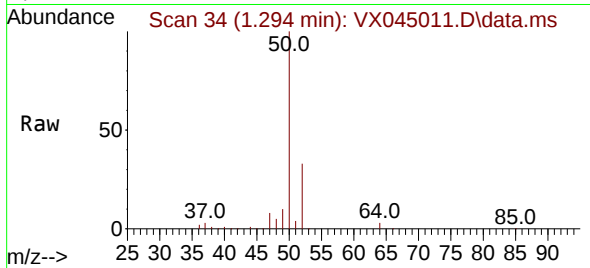
Tgt Ion: 85 Resp: 140259
 Ion Ratio Lower Upper
 85 100
 87 32.0 15.1 45.3





#3
Chloromethane
Concen: 94.924 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

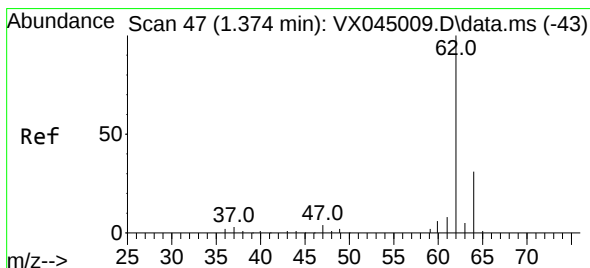
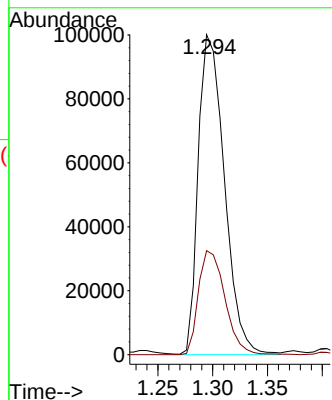
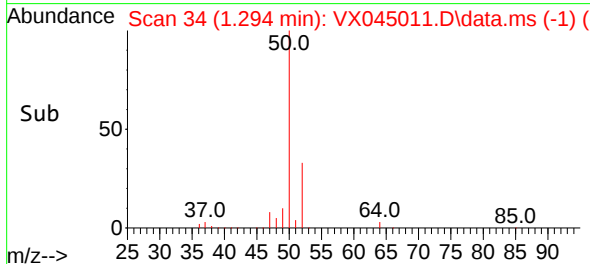
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 166114
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

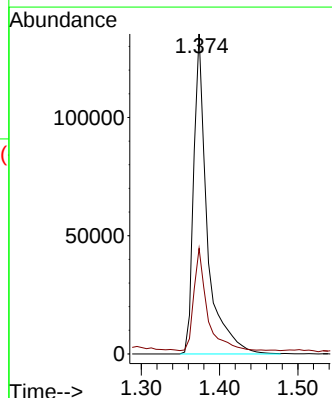
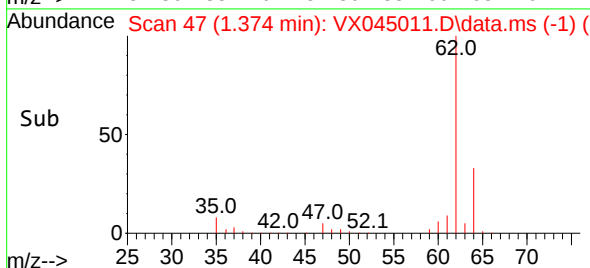
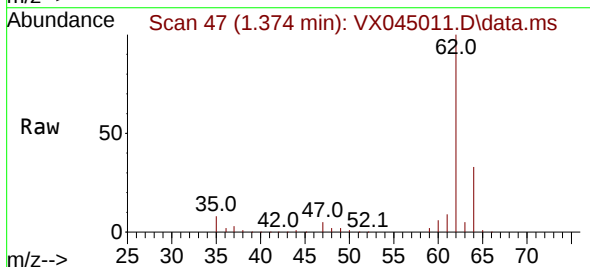
Manual Integrations
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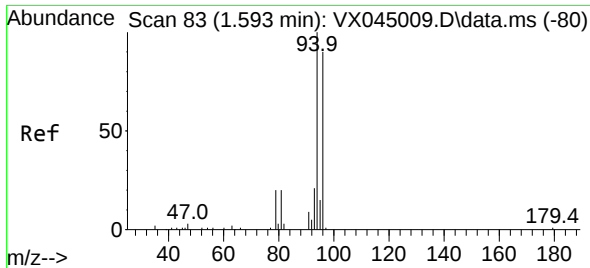
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#4
Vinyl Chloride
Concen: 96.669 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

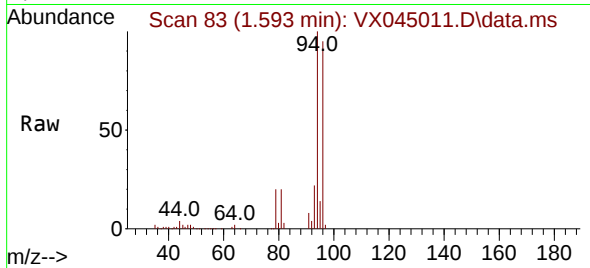
Tgt Ion: 62 Resp: 163236
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 92.819 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

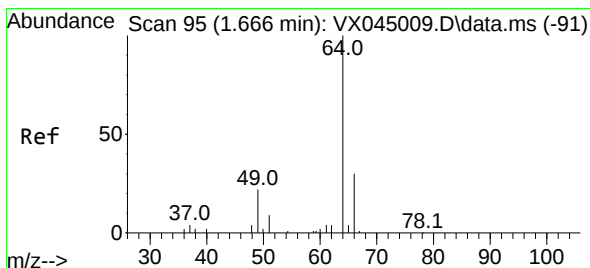
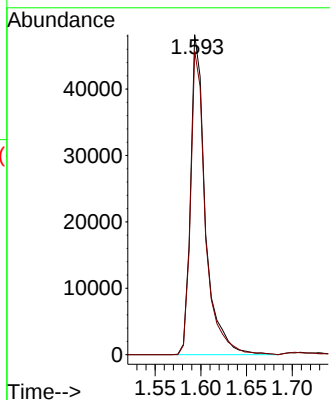
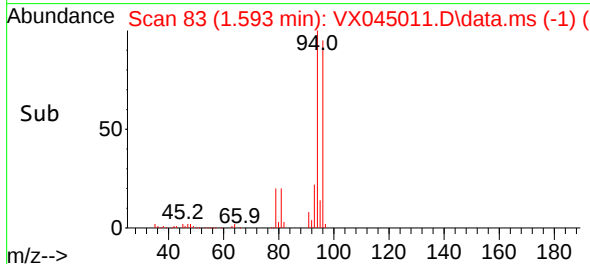
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 5455
Ion Ratio Lower Upper
94 100
96 94.9 72.2 108.4

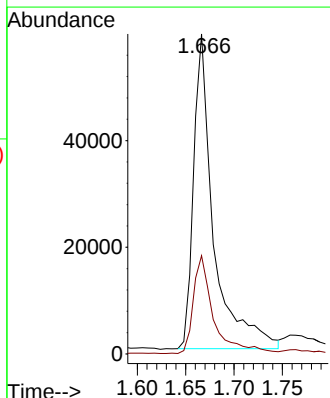
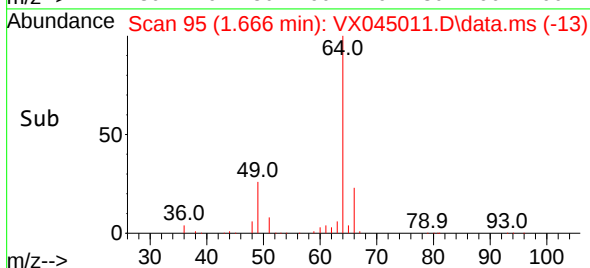
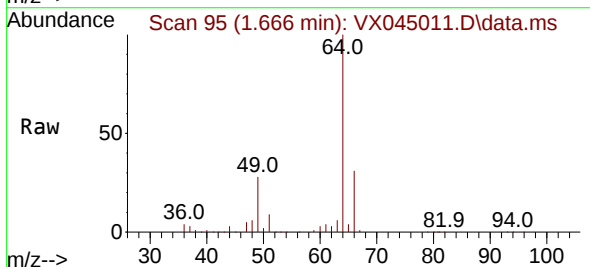
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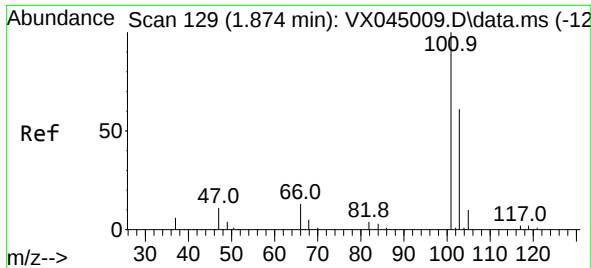
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#6
Chloroethane
Concen: 92.599 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

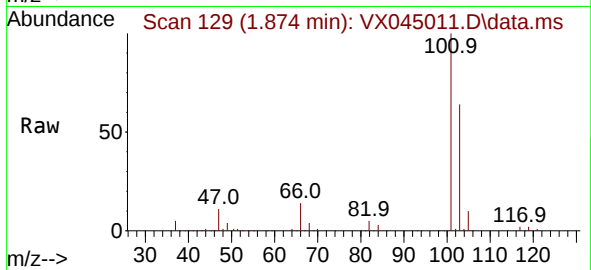
Tgt Ion: 64 Resp: 84688
Ion Ratio Lower Upper
64 100
66 31.1 23.7 35.5





#7
Trichlorofluoromethane
Concen: 96.956 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

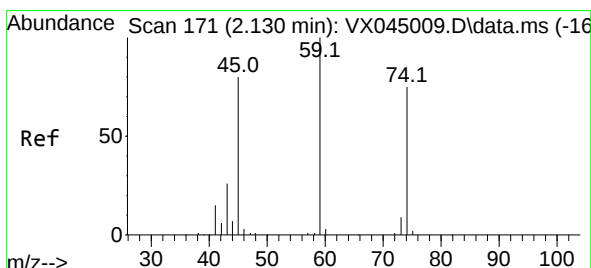
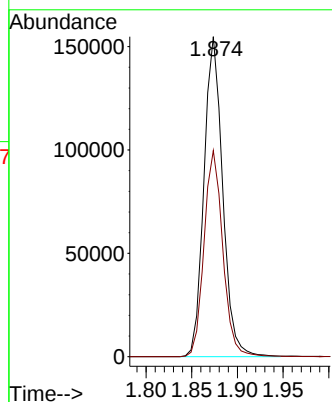
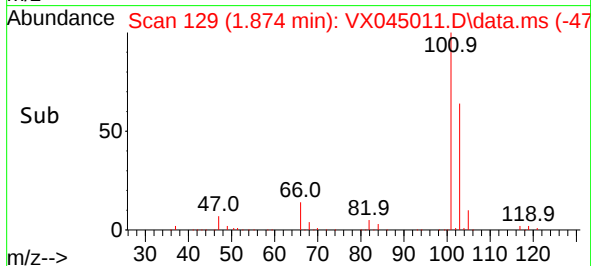
Instrument :
MSVOA_X
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VSTDIC100



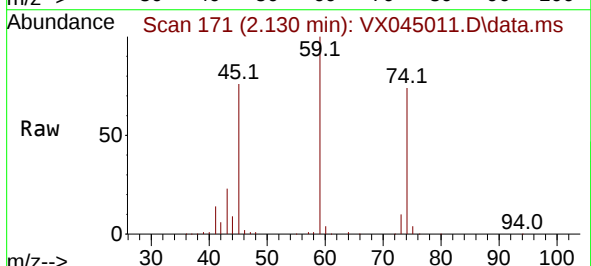
Tgt Ion:101 Resp: 220049
Ion Ratio Lower Upper
101 100
103 64.4 48.8 73.2

Manual Integrations
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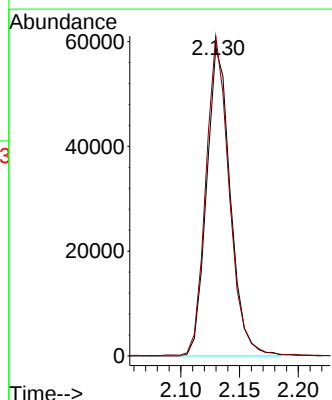
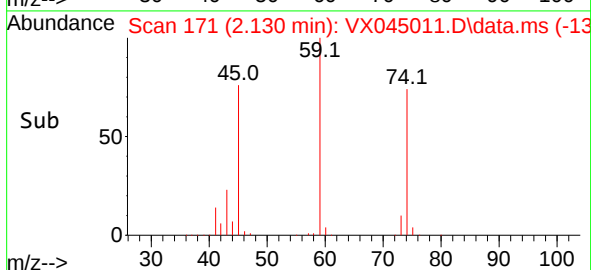
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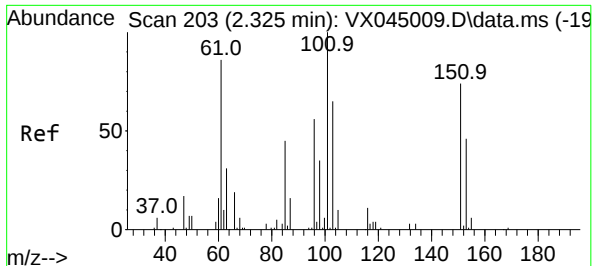


#8
Diethyl Ether
Concen: 96.616 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



Tgt Ion: 74 Resp: 82964
Ion Ratio Lower Upper
74 100
45 100.7 20.8 186.8





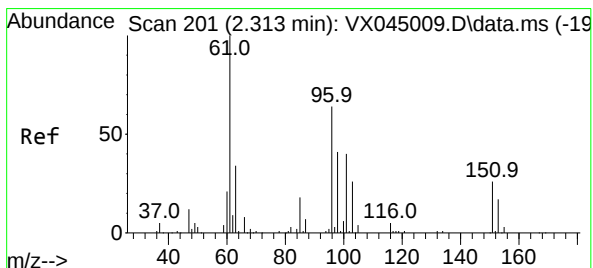
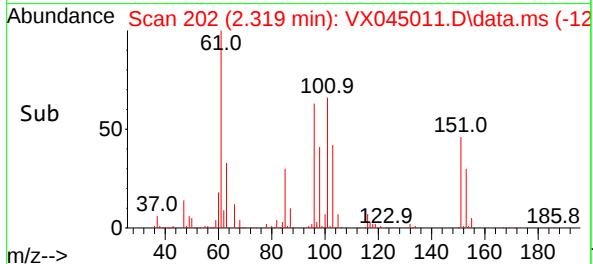
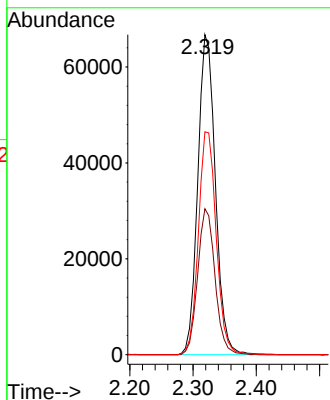
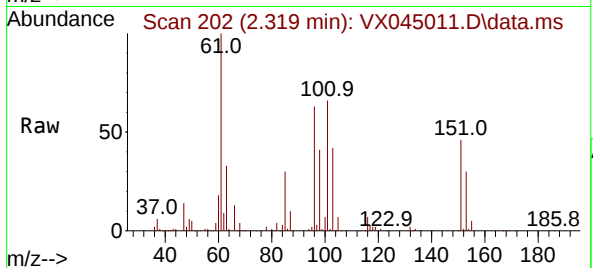
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1,1,2-Trichlorotrifluoroethane
Concen: 96.068 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 129494
Ion Ratio Lower Upper
101 100
85 45.0 0.0 90.6
151 70.6 0.0 147.6

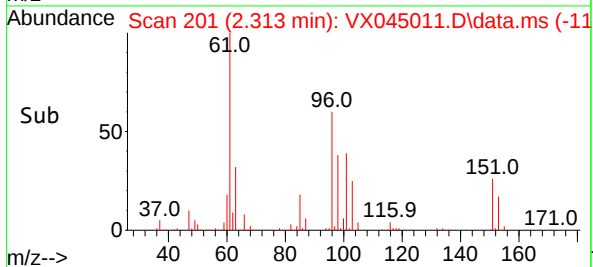
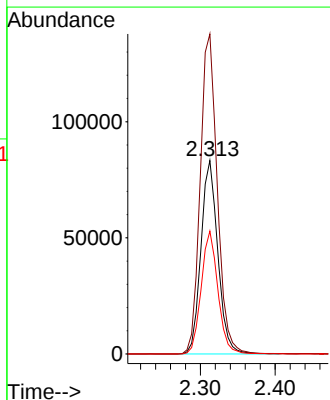
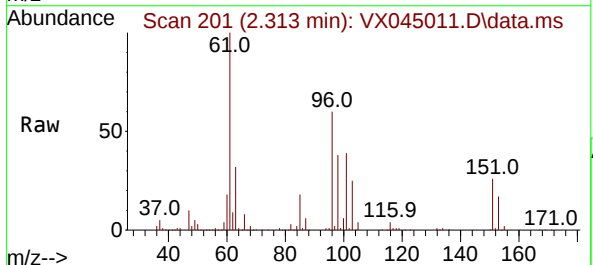
Manual Integrations
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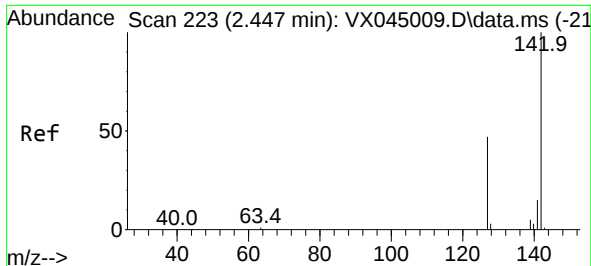
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 99.244 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

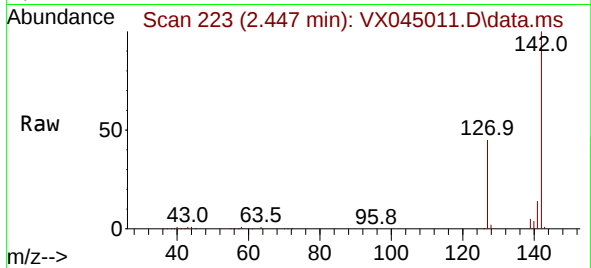
Tgt Ion: 96 Resp: 130666
Ion Ratio Lower Upper
96 100
61 165.4 124.2 186.2
98 63.5 51.1 76.7





#11
Methyl Iodide
Concen: 108.607 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

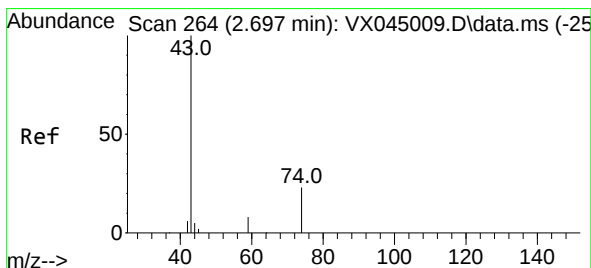
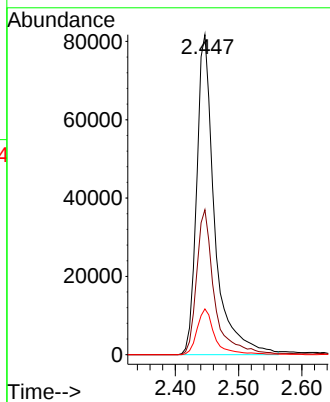
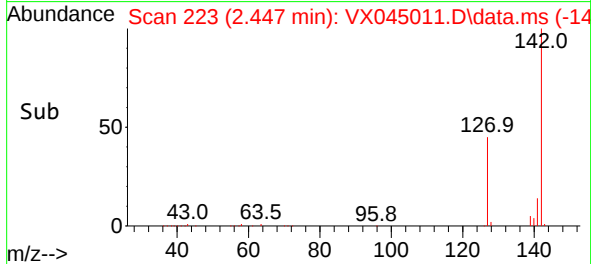
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 161844
Ion Ratio Lower Upper
142 100
127 45.3 23.3 69.9
141 14.3 7.5 22.6

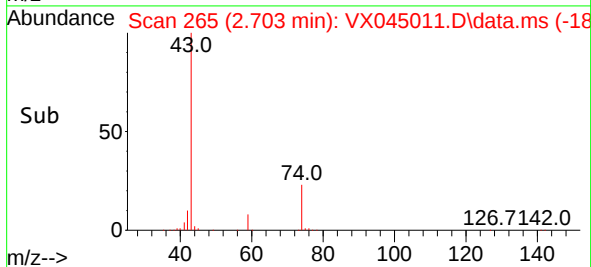
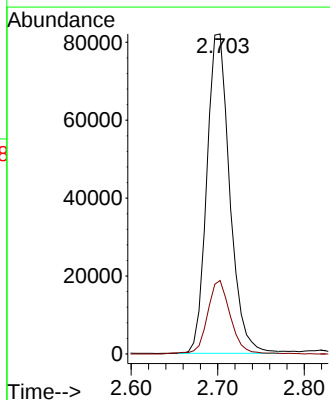
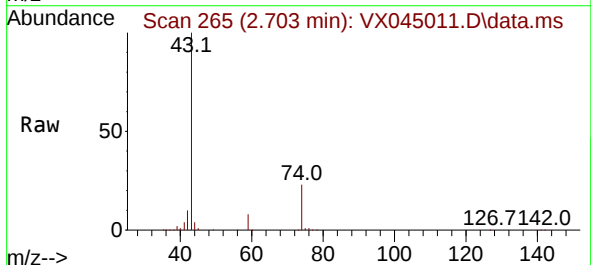
Manual Integrations
APPROVED

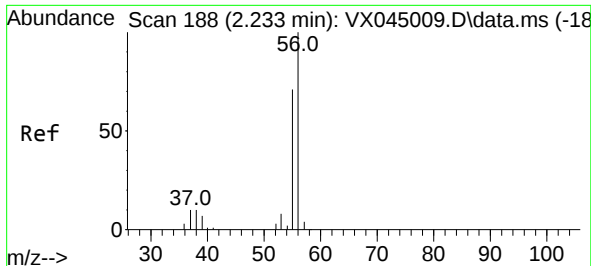
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 98.675 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

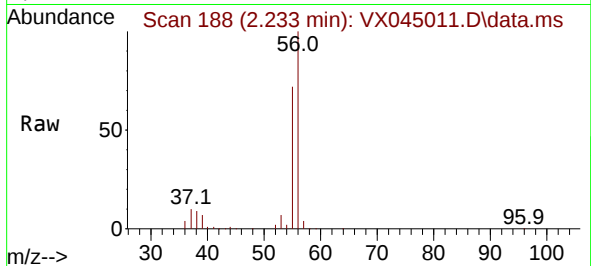
Tgt Ion: 43 Resp: 150865
Ion Ratio Lower Upper
43 100
74 22.8 17.9 26.9





#13
Acrolein
Concen: 509.382 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

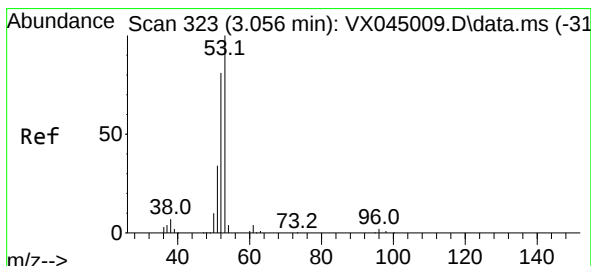
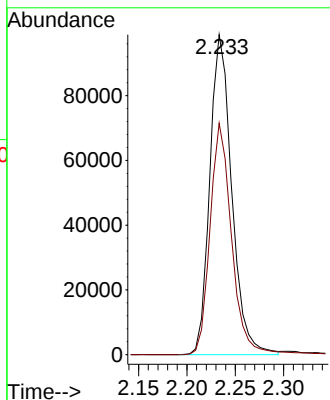
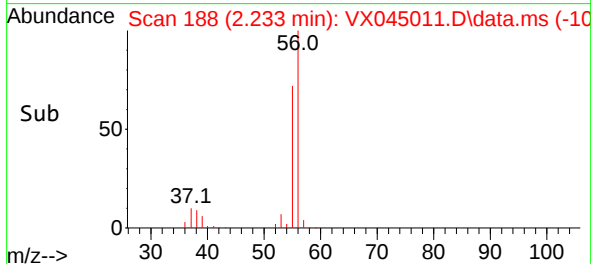
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 156104
Ion Ratio Lower Upper
56 100
55 71.5 55.4 83.2

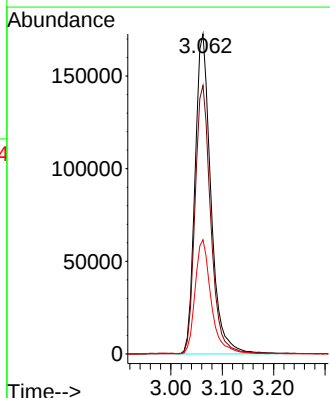
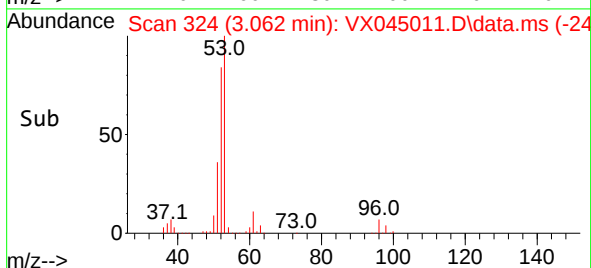
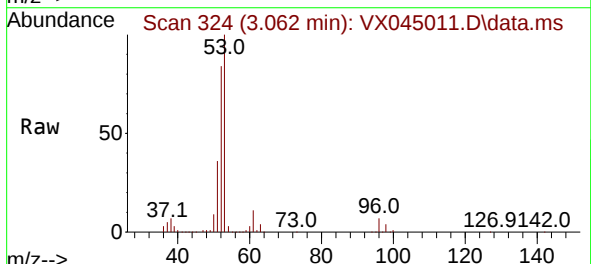
Manual Integrations
APPROVED

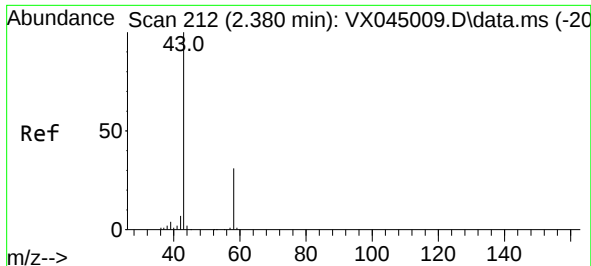
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#14
Acrylonitrile
Concen: 496.667 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

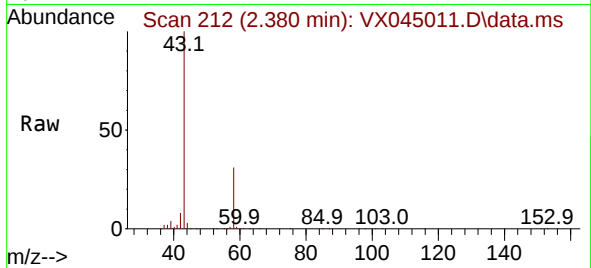
Tgt Ion: 53 Resp: 370914
Ion Ratio Lower Upper
53 100
52 82.7 40.9 122.8
51 35.9 18.0 54.0





#15
Acetone
Concen: 476.326 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

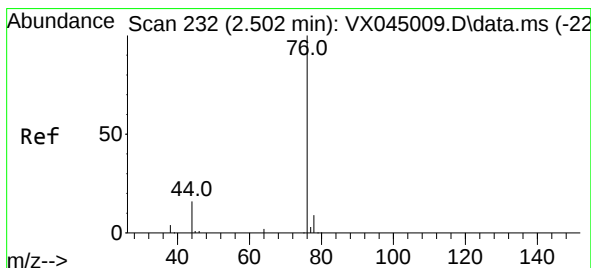
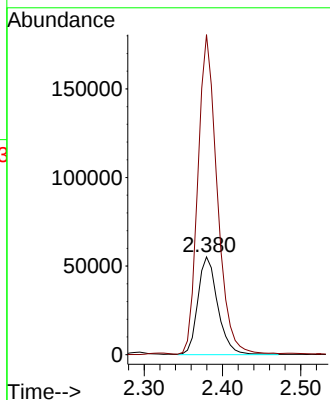
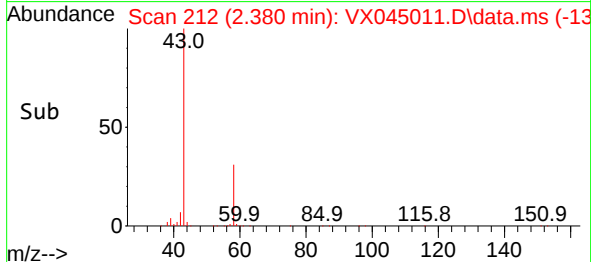
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



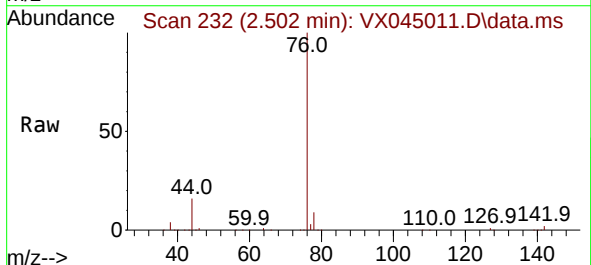
Tgt Ion: 58 Resp: 97560
Ion Ratio Lower Upper
58 100
43 327.6 258.6 388.0

Manual Integrations
APPROVED

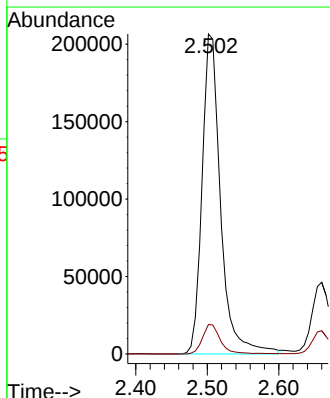
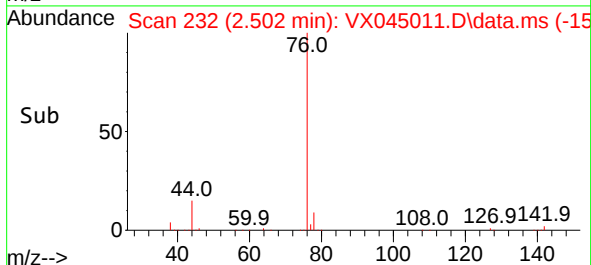
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

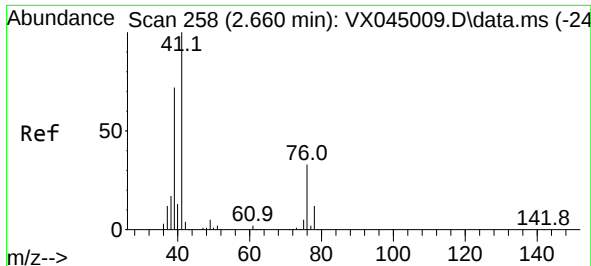


#16
Carbon Disulfide
Concen: 99.576 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



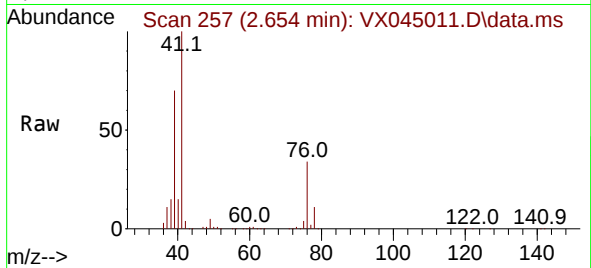
Tgt Ion: 76 Resp: 371874
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#17
 Allyl chloride
 Concen: 99.923 ug/l
 RT: 2.654 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX045011.D
 Acq: 21 Feb 2025 11:07

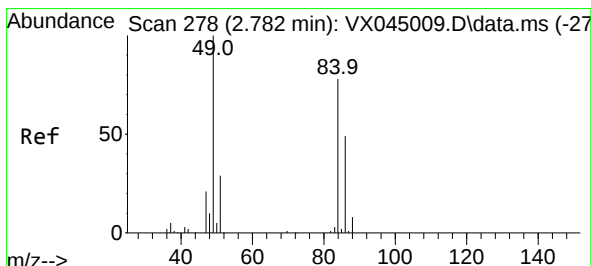
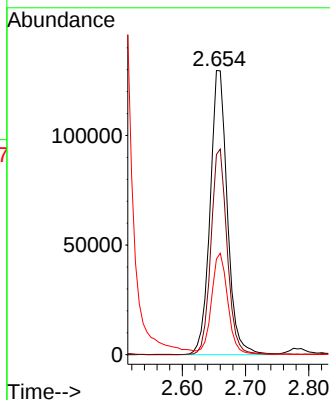
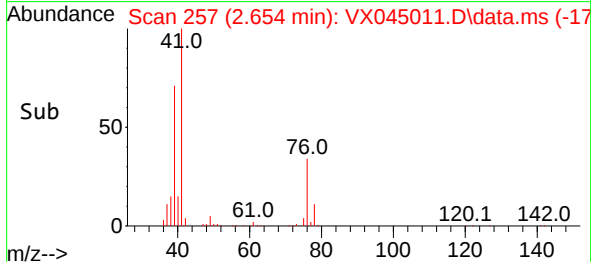
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 24606
 Ion Ratio Lower Upper
 41 100
 39 70.4 36.2 108.6
 76 33.5 17.2 51.5

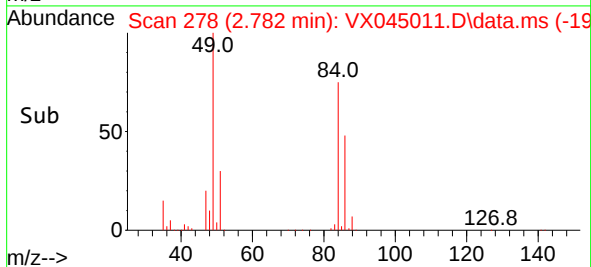
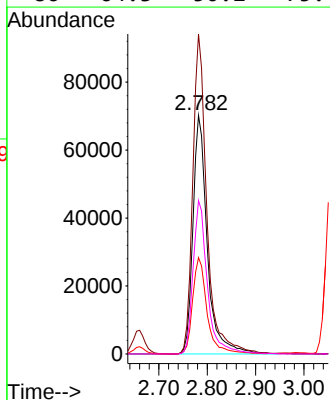
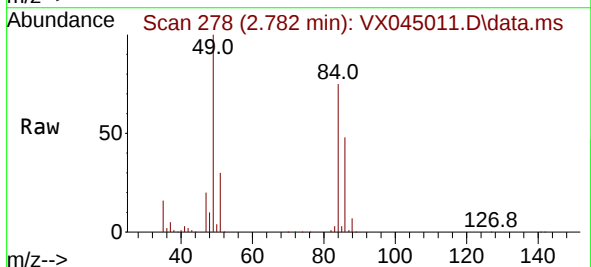
Manual Integrations
 APPROVED

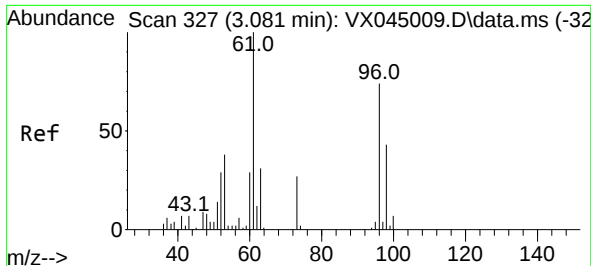
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 97.871 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045011.D
 Acq: 21 Feb 2025 11:07

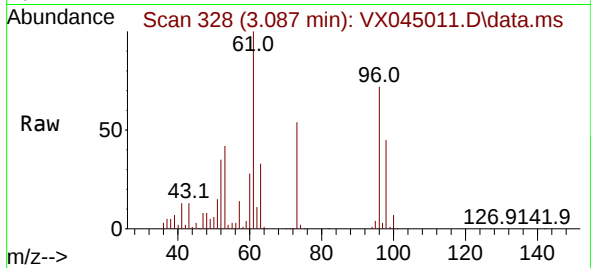
Tgt Ion: 84 Resp: 144938
 Ion Ratio Lower Upper
 84 100
 49 134.0 102.8 154.2
 51 40.4 30.1 45.1
 86 64.3 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 98.015 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

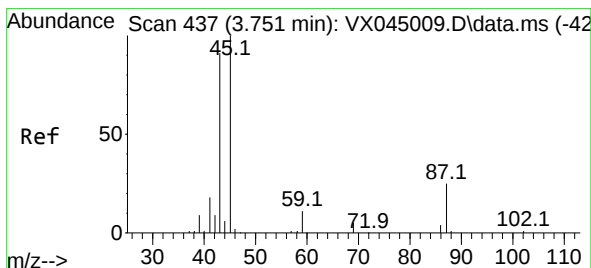
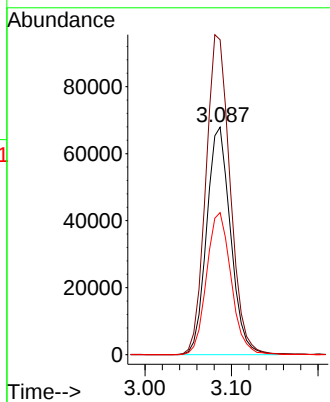
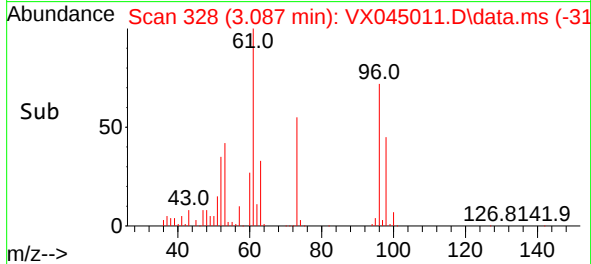
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



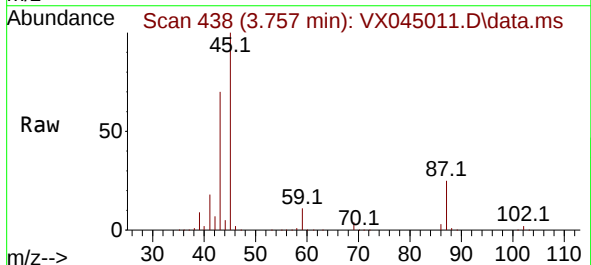
Tgt Ion: 96 Resp: 130562
Ion Ratio Lower Upper
96 100
61 138.3 108.6 163.0
98 62.5 46.5 69.7

Manual Integrations
APPROVED

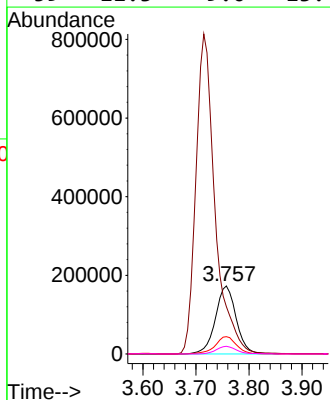
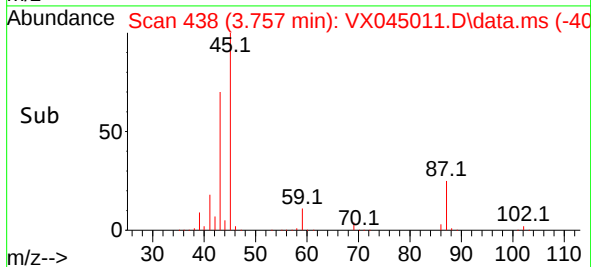
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

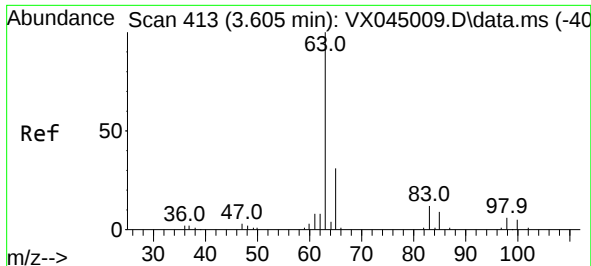


#20
Diisopropyl ether
Concen: 99.355 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



Tgt Ion: 45 Resp: 470167
Ion Ratio Lower Upper
45 100
43 69.5 74.4 111.6#
87 25.4 19.8 29.8
59 11.3 9.0 13.4





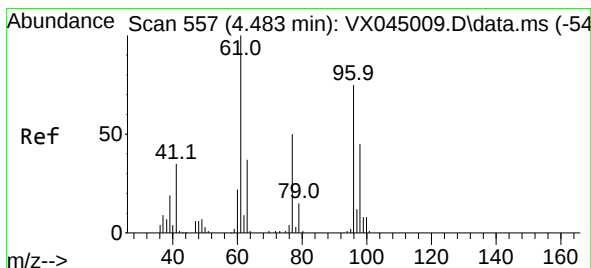
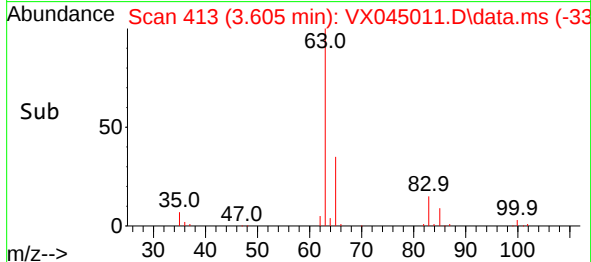
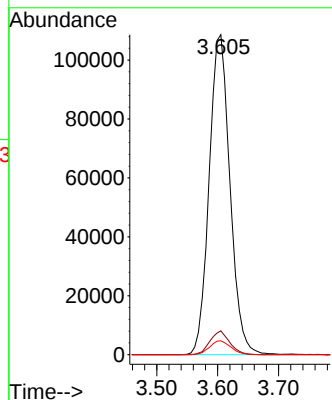
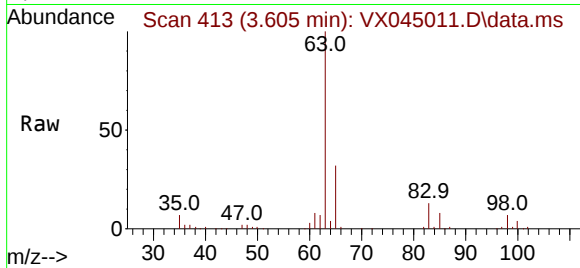
#21
1,1-Dichloroethane
Concen: 98.196 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 258430
Ion Ratio Lower Upper
63 100
98 7.5 3.3 9.8
100 4.4 2.4 7.1

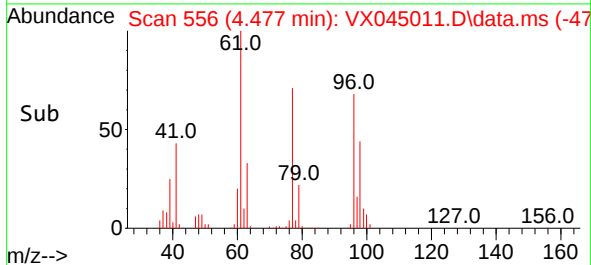
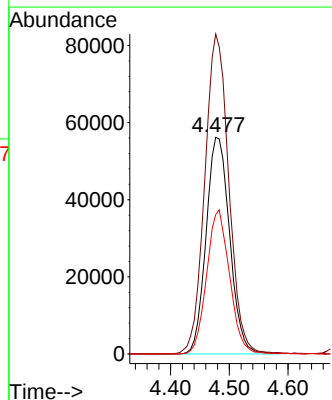
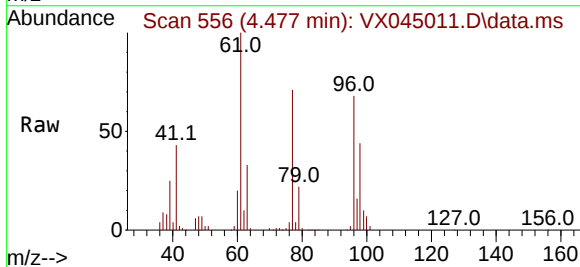
Manual Integrations
APPROVED

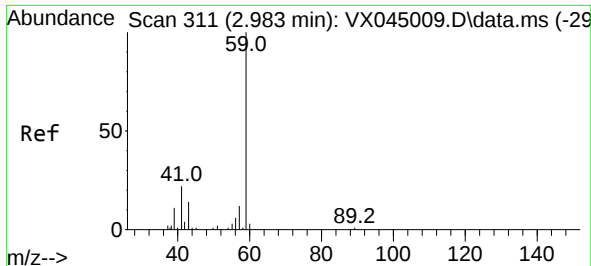
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#22
cis-1,2-Dichloroethene
Concen: 98.314 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 96 Resp: 156933
Ion Ratio Lower Upper
96 100
61 150.2 118.9 178.3
98 64.5 50.7 76.1





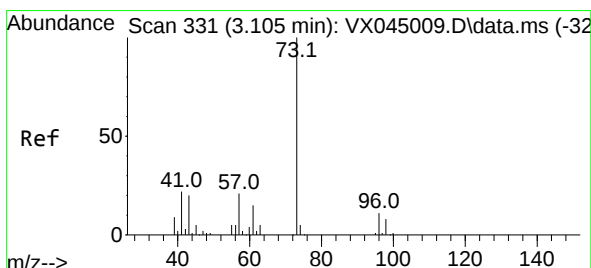
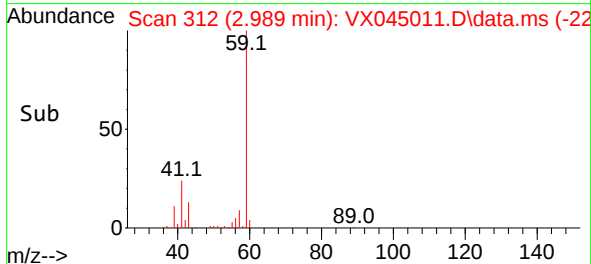
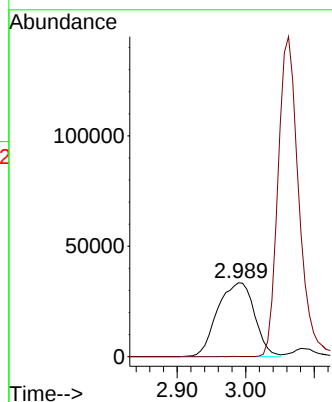
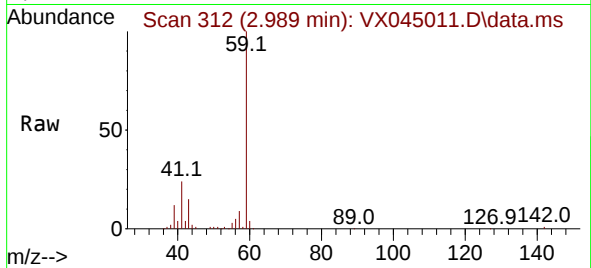
#23
tert-Butyl Alcohol
Concen: 481.055 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 125570
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

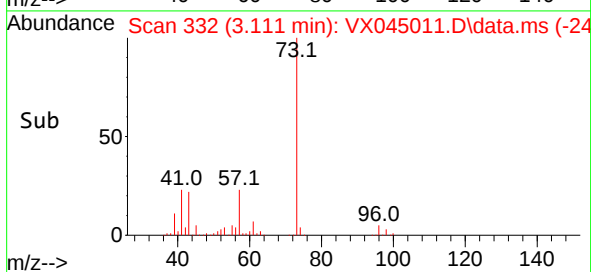
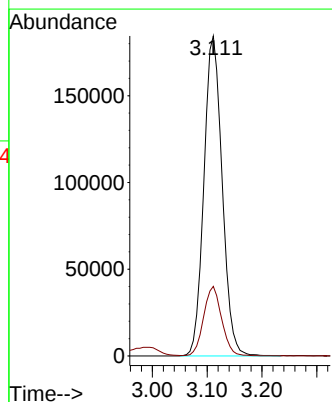
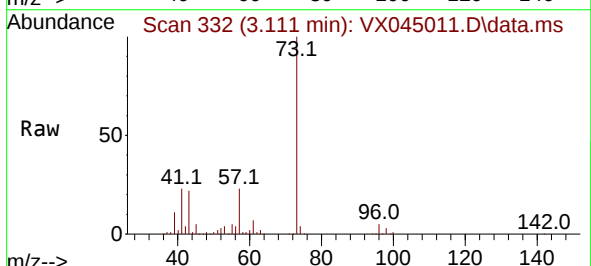
Manual Integrations
APPROVED

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



#24
Methyl tert-Butyl Ether
Concen: 99.244 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 73 Resp: 426471
Ion Ratio Lower Upper
73 100
43 21.3 17.4 26.0





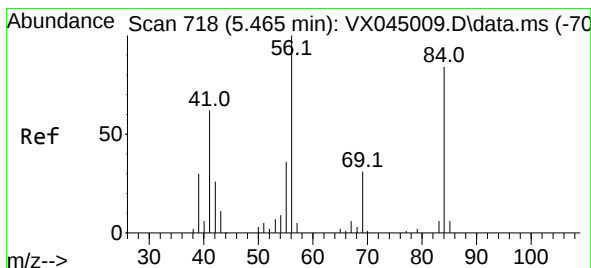
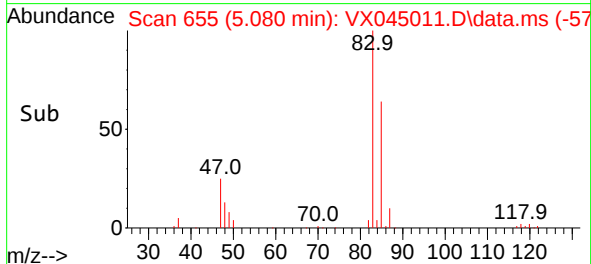
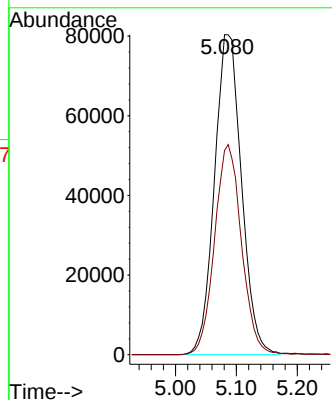
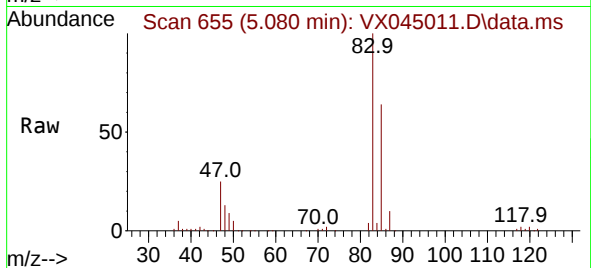
#25
Chloroform
Concen: 97.577 ug/l
RT: 5.080 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 248045
Ion Ratio Lower Upper
83 100
85 63.7 51.7 77.5

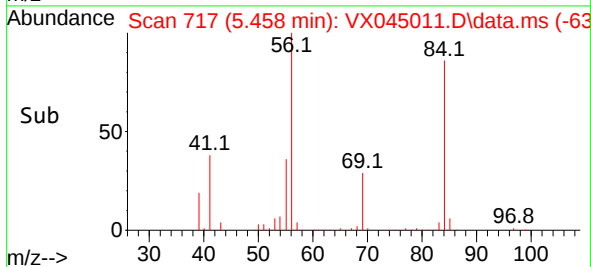
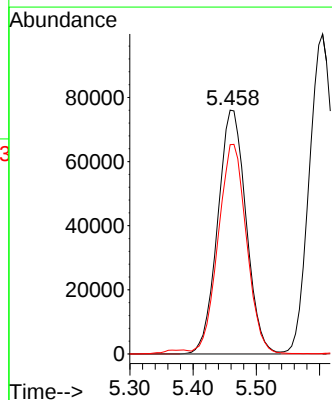
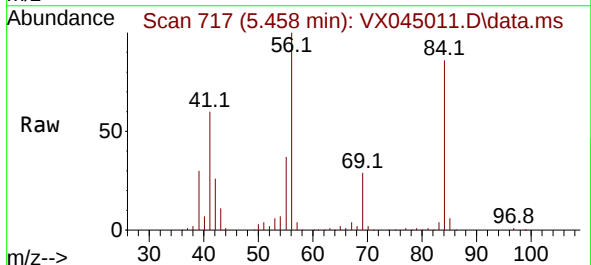
Manual Integrations
APPROVED

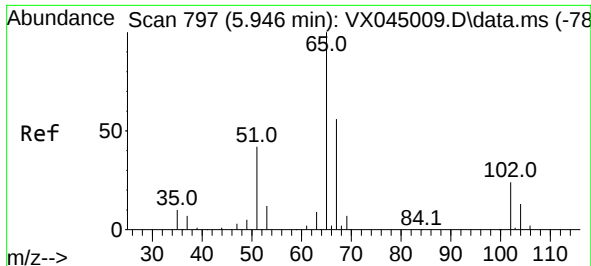
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#26
Cyclohexane
Concen: 97.509 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 56 Resp: 236876
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.0 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 30.059 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 5060

Ion Ratio Lower Upper

65 100

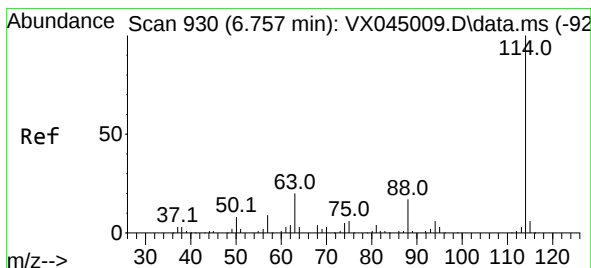
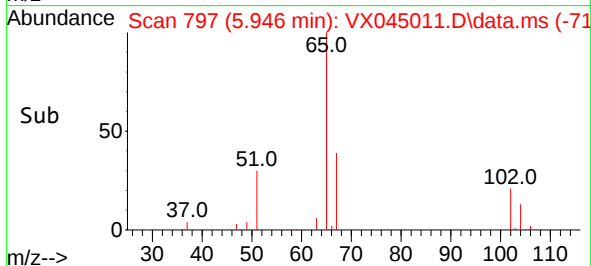
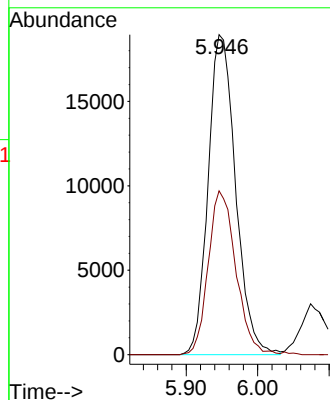
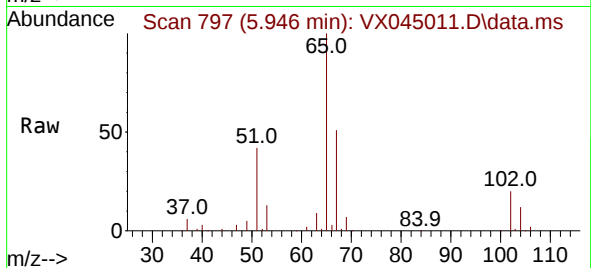
67 50.9 42.6 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

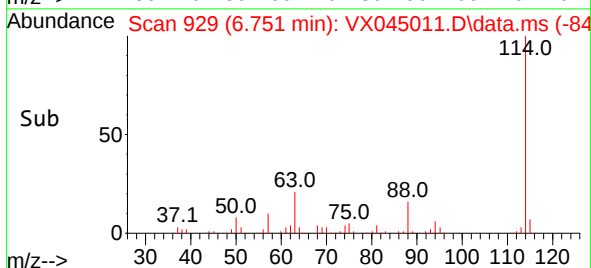
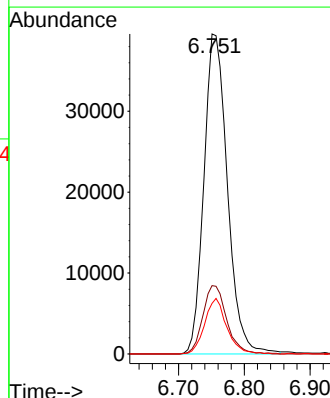
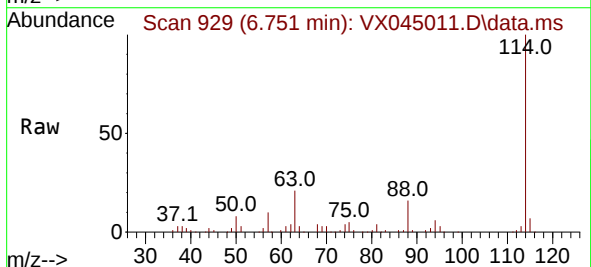
Tgt Ion:114 Resp: 98516

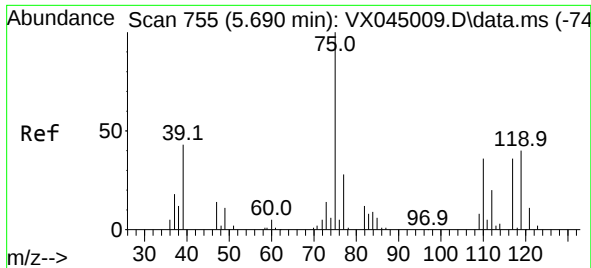
Ion Ratio Lower Upper

114 100

63 21.6 16.8 25.2

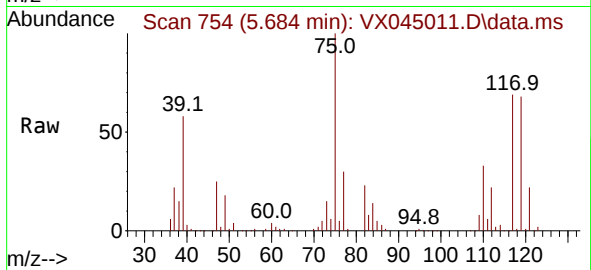
88 16.3 12.7 19.1





#29
1,1-Dichloropropene
Concen: 96.357 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

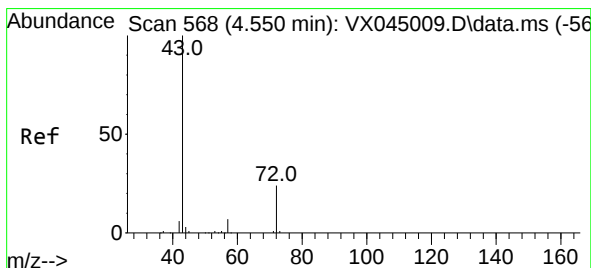
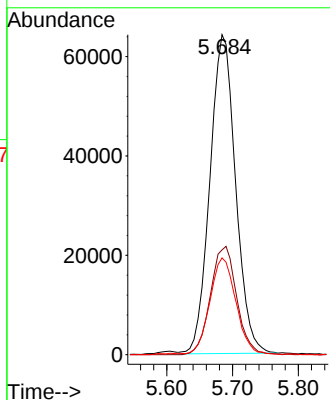
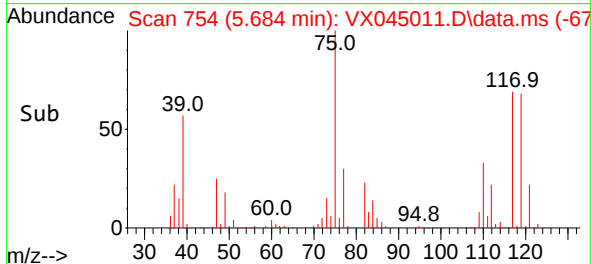
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 174620
Ion Ratio Lower Upper
75 100
110 34.7 0.0 69.2
77 30.9 0.0 61.0

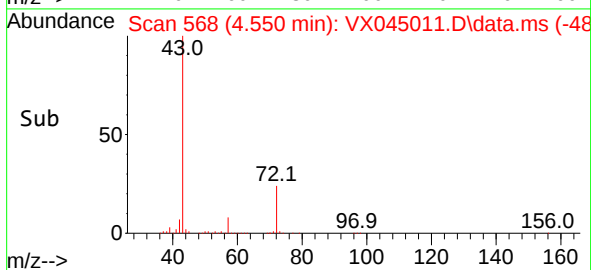
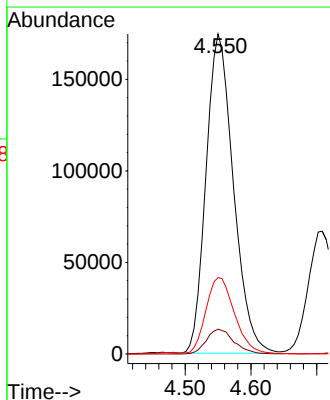
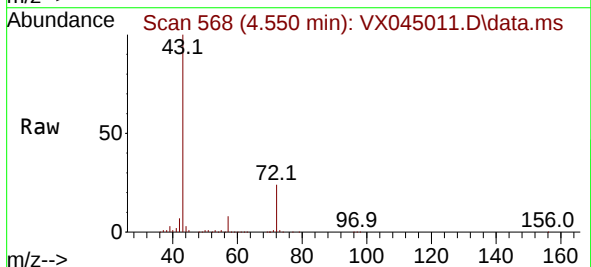
Manual Integrations
APPROVED

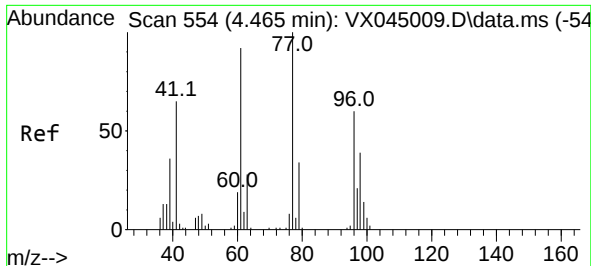
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#30
2-Butanone
Concen: 482.489 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

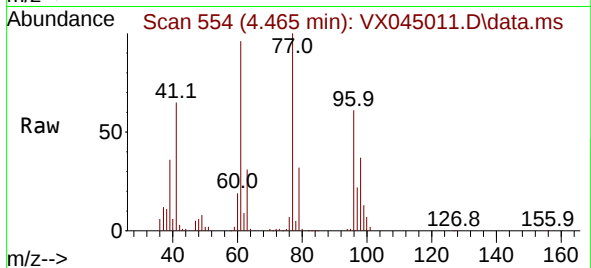
Tgt Ion: 43 Resp: 505036
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.2
72 24.7 20.2 30.2





#31
2,2-Dichloropropane
Concen: 98.758 ug/l
RT: 4.465 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

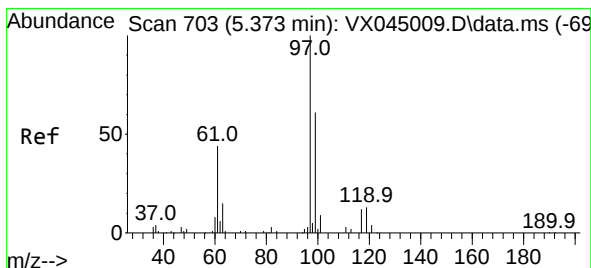
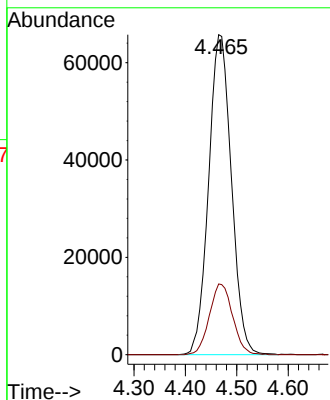
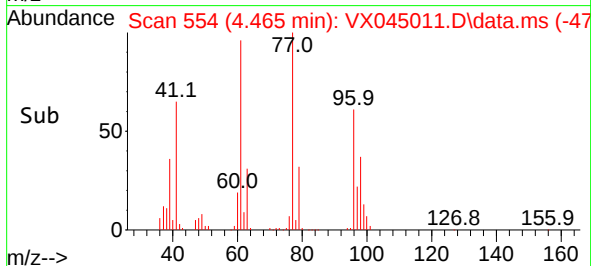
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



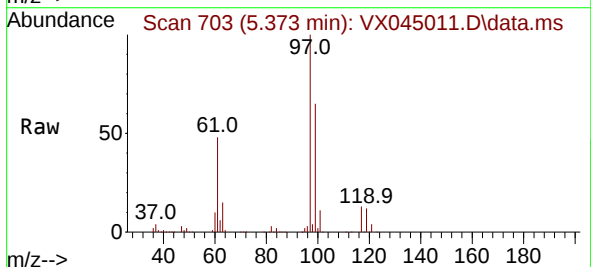
Tgt Ion: 77 Resp: 202370
Ion Ratio Lower Upper
77 100
97 22.5 18.0 27.0

Manual Integrations
APPROVED

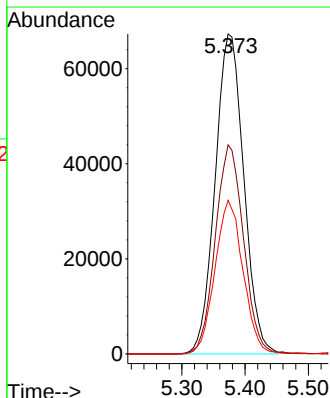
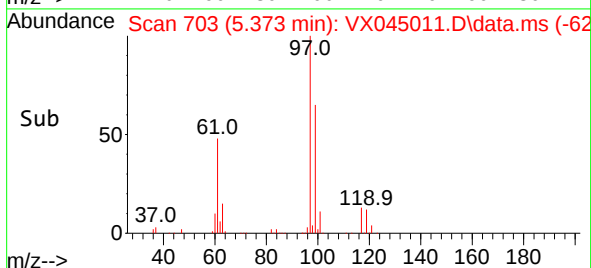
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

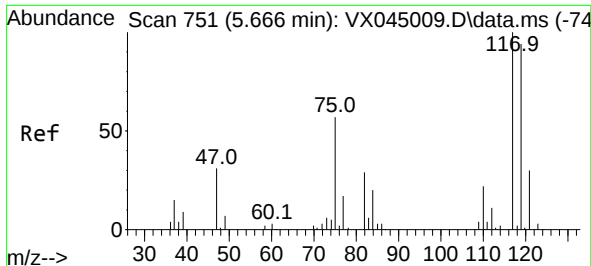


#32
1,1,1-Trichloroethane
Concen: 96.379 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



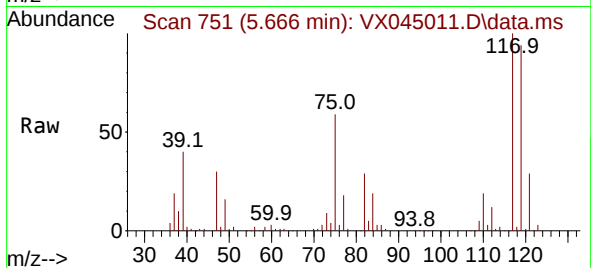
Tgt Ion: 97 Resp: 211623
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 46.9 38.5 57.7





#33
Carbon Tetrachloride
Concen: 96.425 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

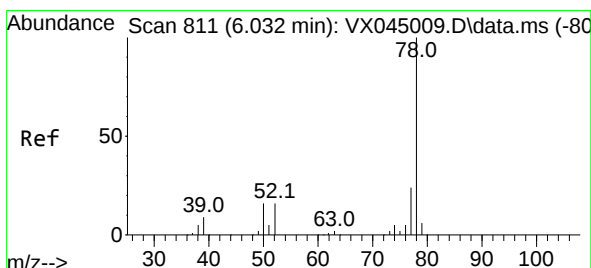
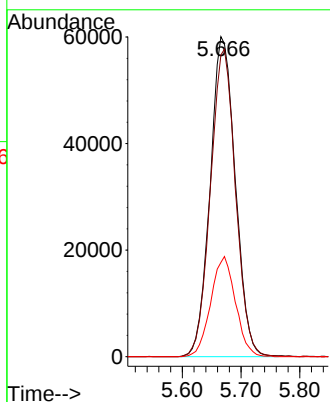
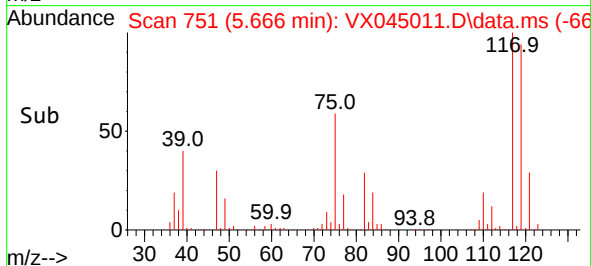
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



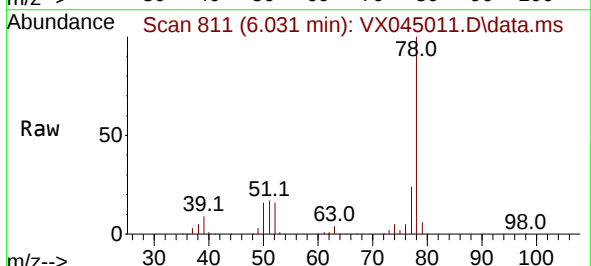
Tgt Ion: 117 Resp: 178689
Ion Ratio Lower Upper
117 100
119 94.3 75.1 112.7
121 29.5 23.9 35.9

Manual Integrations
APPROVED

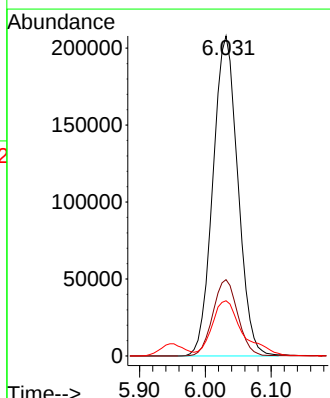
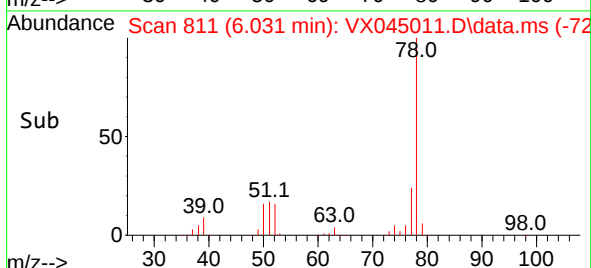
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

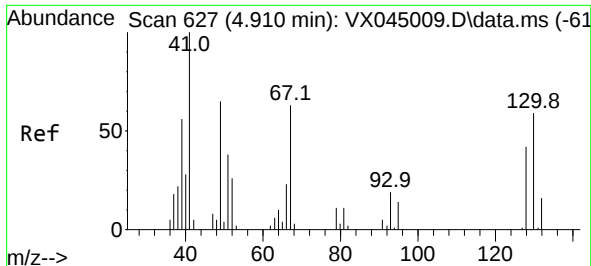


#34
Benzene
Concen: 96.492 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



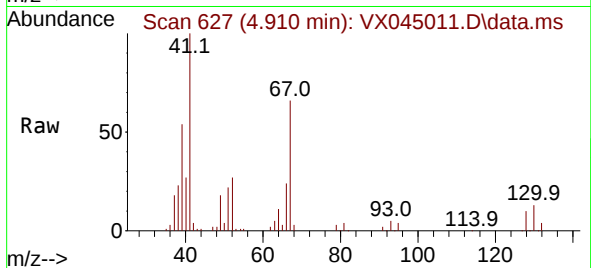
Tgt Ion: 78 Resp: 548369
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4
51 16.4 13.8 20.6





#35
Methacrylonitrile
Concen: 99.957 ug/l
RT: 4.910 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

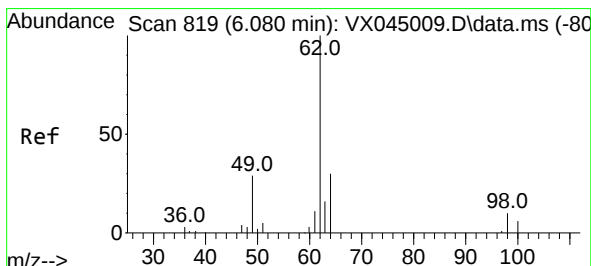
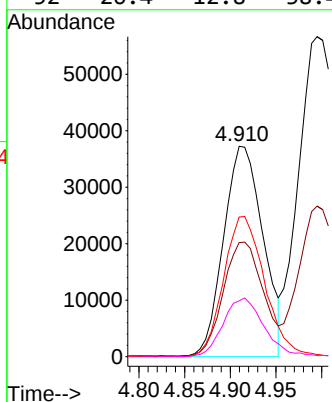
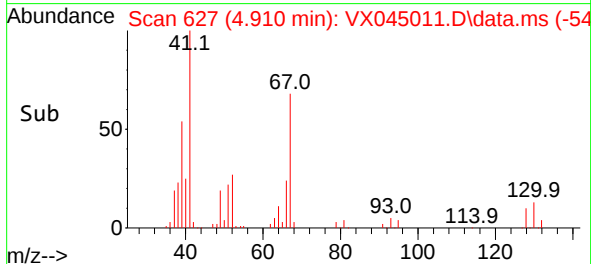
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 111962
Ion Ratio Lower Upper
41 100
39 53.8 27.8 83.4
67 66.4 31.5 94.5
52 26.4 12.8 38.4

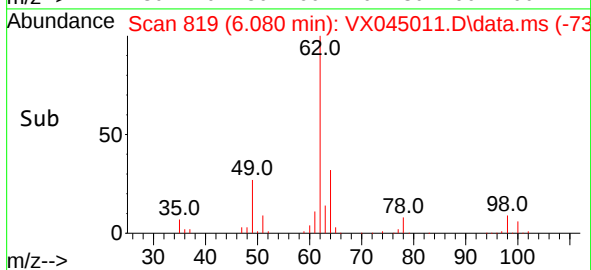
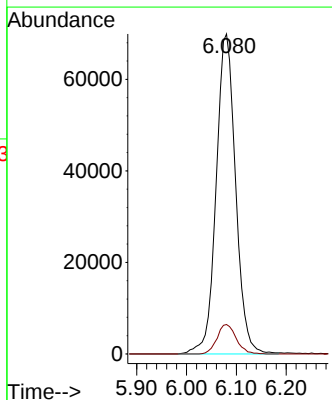
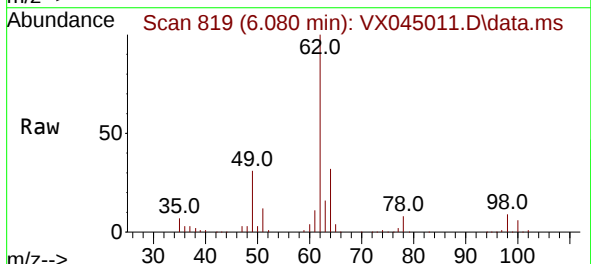
Manual Integrations
APPROVED

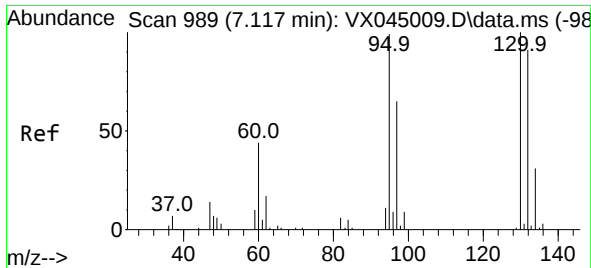
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 97.362 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

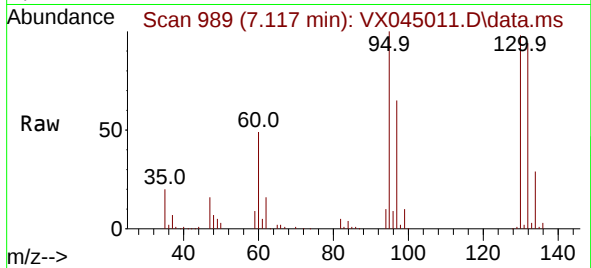
Tgt Ion: 62 Resp: 189437
Ion Ratio Lower Upper
62 100
98 9.1 7.9 11.9





#37
Trichloroethene
Concen: 96.375 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

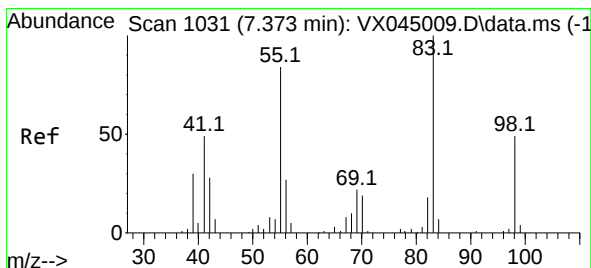
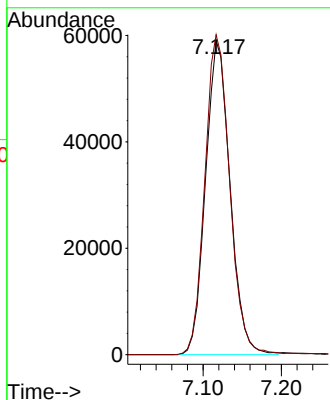
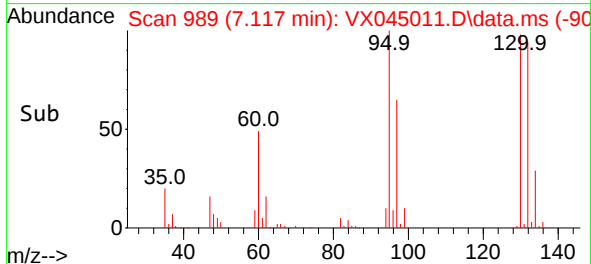
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



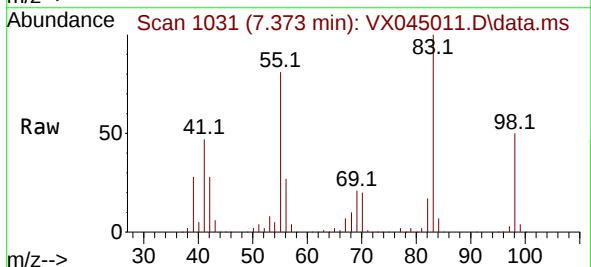
Tgt Ion:130 Resp: 128134
Ion Ratio Lower Upper
130 100
95 101.7 79.0 118.4

Manual Integrations
APPROVED

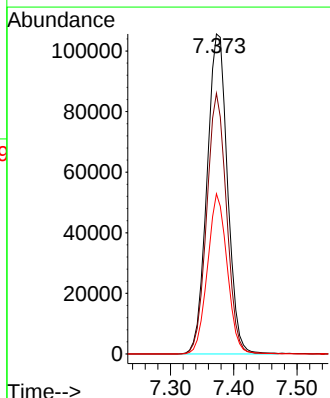
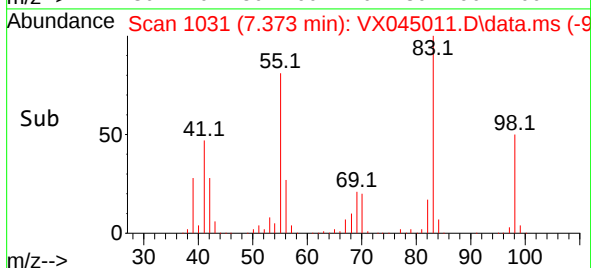
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

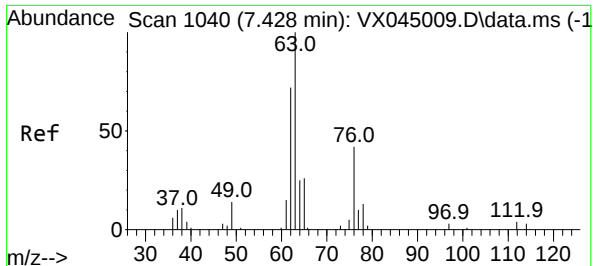


#38
Methylcyclohexane
Concen: 97.744 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



Tgt Ion: 83 Resp: 237839
Ion Ratio Lower Upper
83 100
55 78.5 40.6 122.0
98 48.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 99.193 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 14014

Ion Ratio Lower Upper

63 100

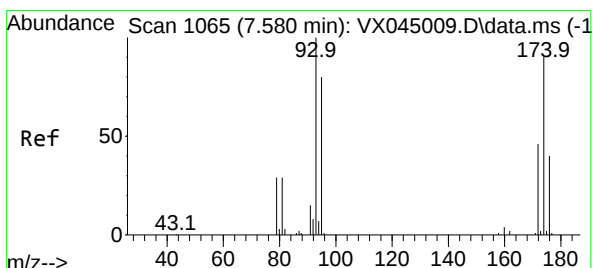
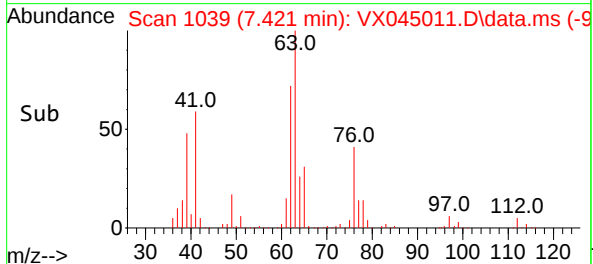
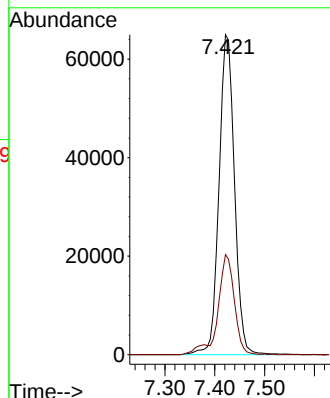
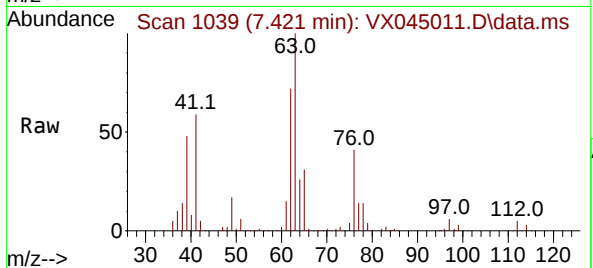
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 96.465 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

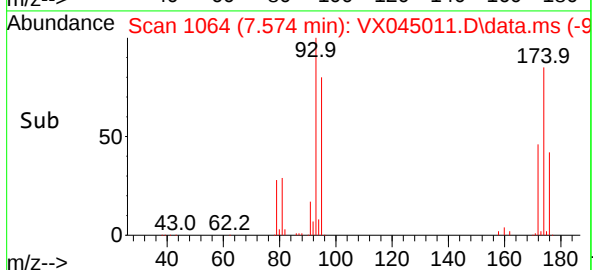
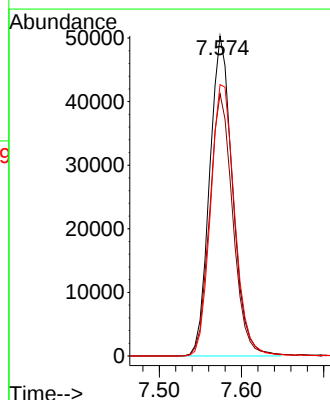
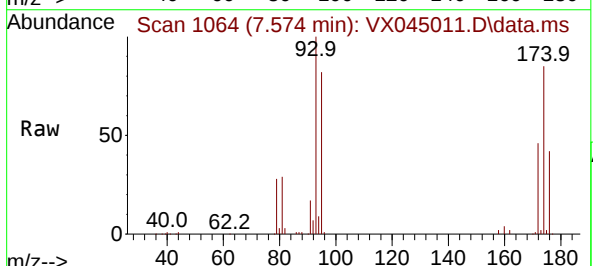
Tgt Ion: 93 Resp: 97805

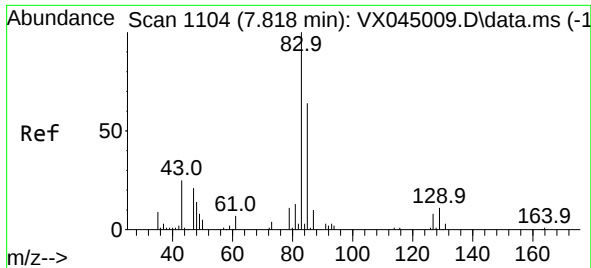
Ion Ratio Lower Upper

93 100

95 82.6 0.0 162.6

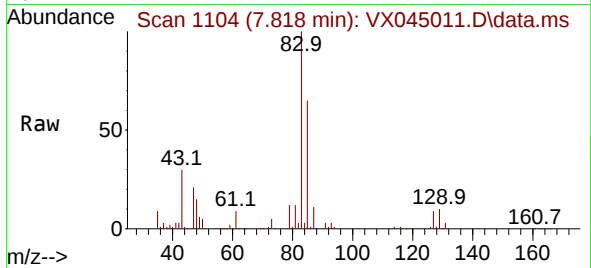
174 88.6 0.0 178.8





#41
Bromodichloromethane
Concen: 97.929 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

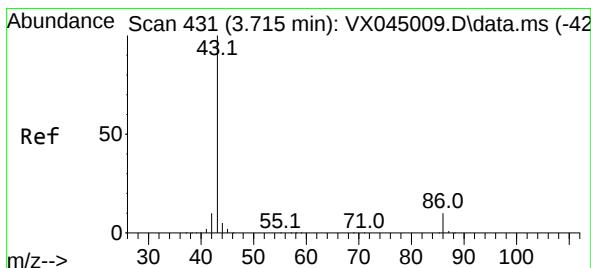
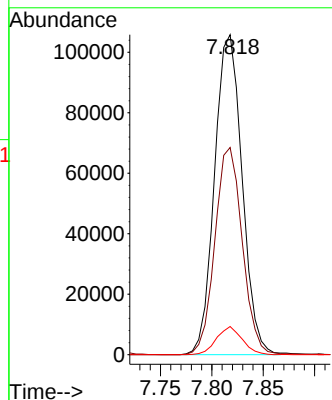
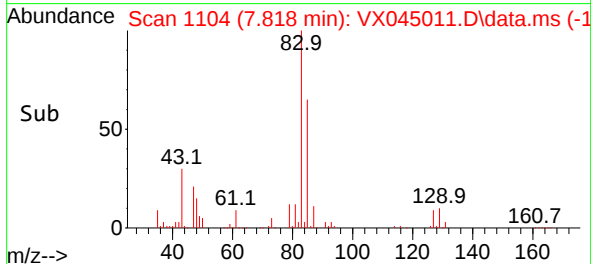
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 197339
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6
127 8.8 6.1 9.1

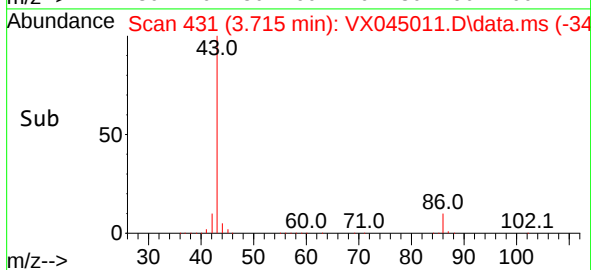
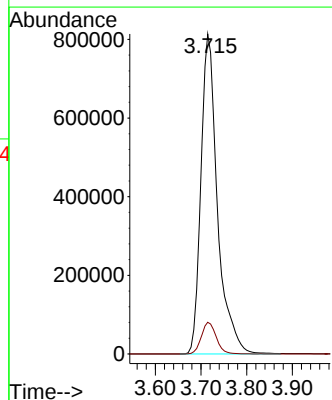
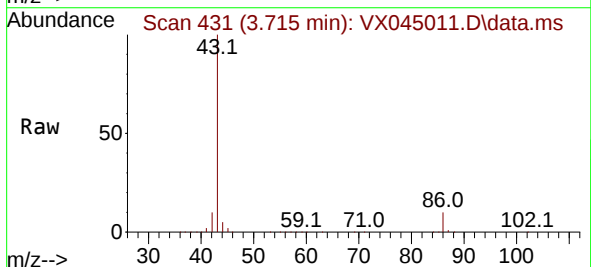
Manual Integrations
APPROVED

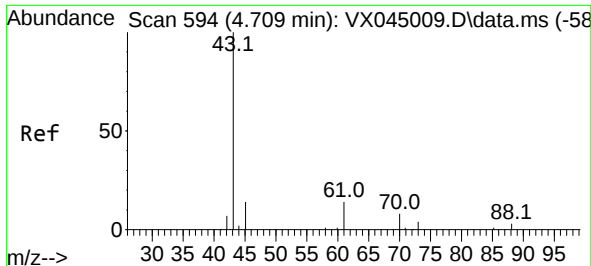
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 502.855 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

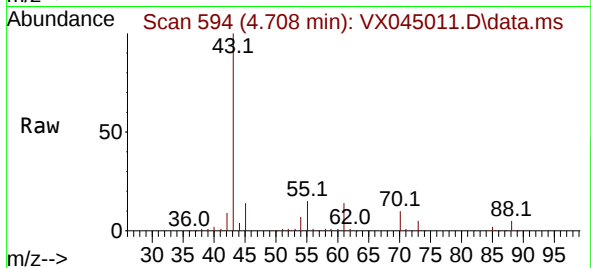
Tgt Ion: 43 Resp: 2042535
Ion Ratio Lower Upper
43 100
86 8.9 7.0 10.4





#43
Ethyl Acetate
Concen: 101.424 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

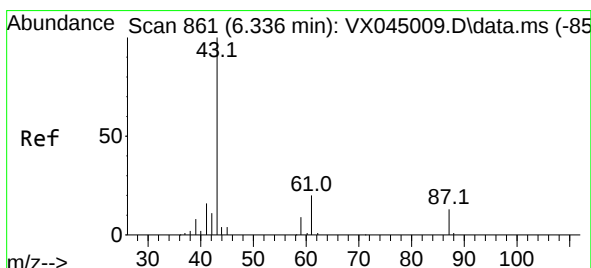
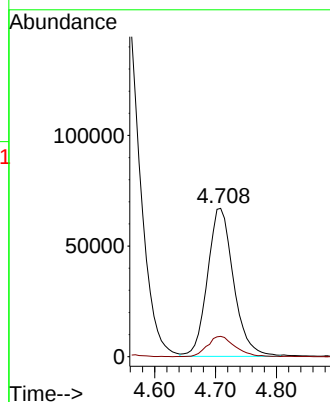
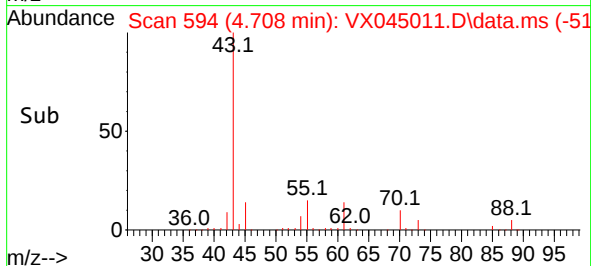
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 199092
Ion Ratio Lower Upper
43 100
45 14.6 12.7 19.1

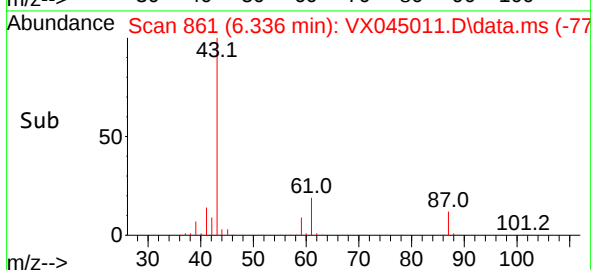
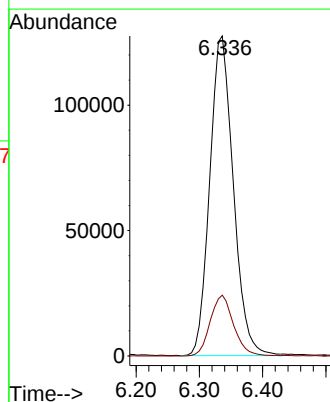
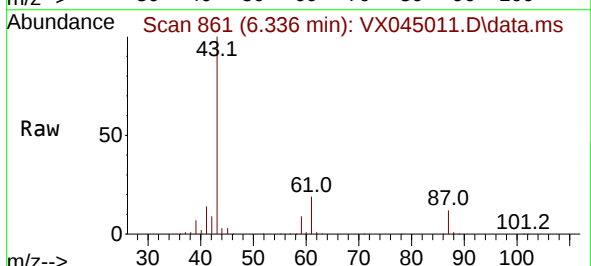
Manual Integrations
APPROVED

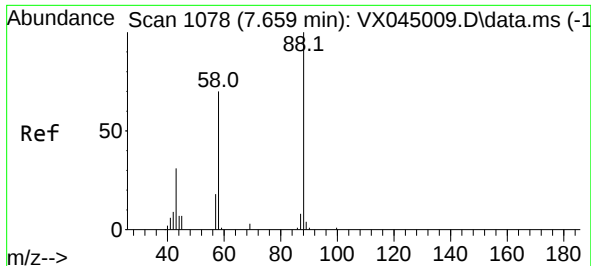
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 102.113 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

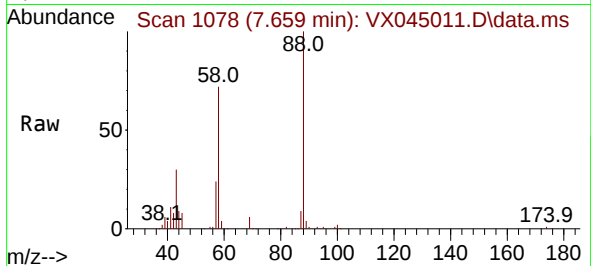
Tgt Ion: 43 Resp: 329903
Ion Ratio Lower Upper
43 100
61 18.9 15.5 23.3





#45
1,4-Dioxane
Concen: 1897.493 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

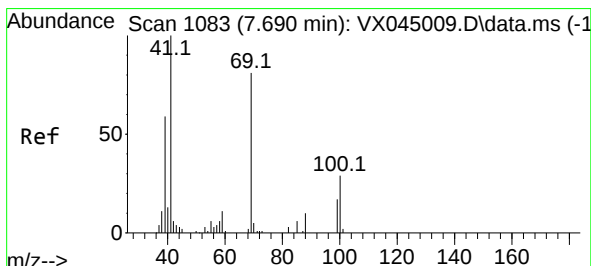
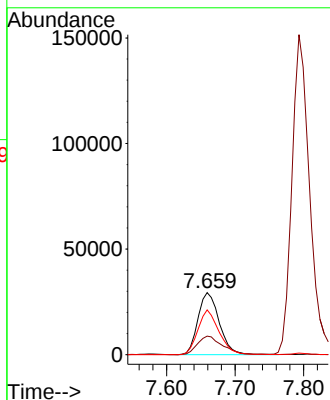
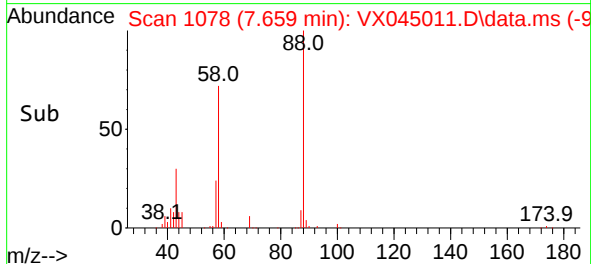
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 63728
Ion Ratio Lower Upper
88 100
43 34.9 29.6 44.4
58 71.2 56.2 84.4

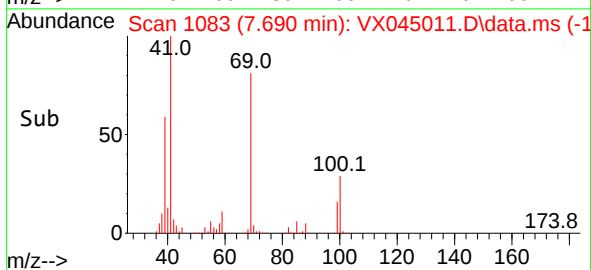
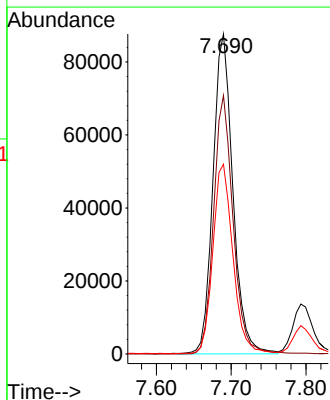
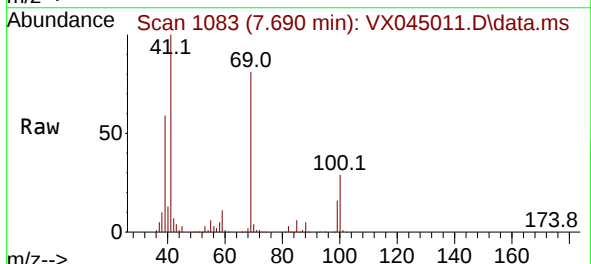
Manual Integrations
APPROVED

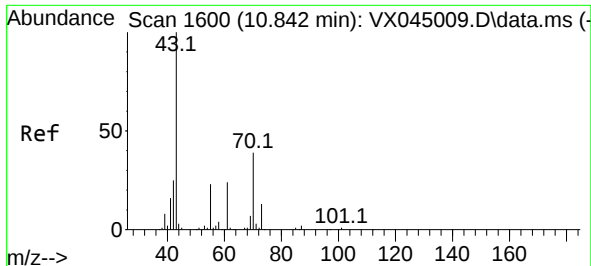
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#46
Methyl methacrylate
Concen: 102.589 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

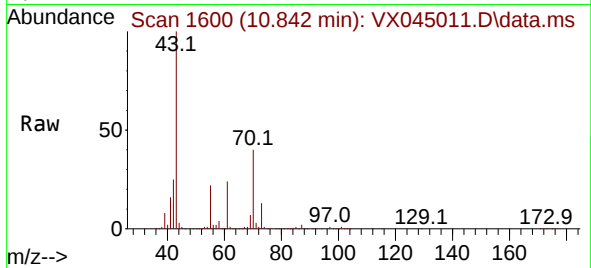
Tgt Ion: 41 Resp: 162523
Ion Ratio Lower Upper
41 100
69 80.9 40.7 122.1
39 59.3 29.5 88.5





#47
n-amy1 Acetate
Concen: 100.917 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

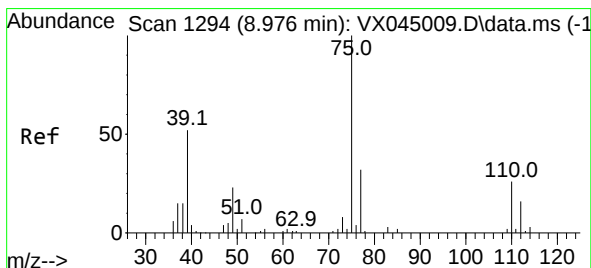
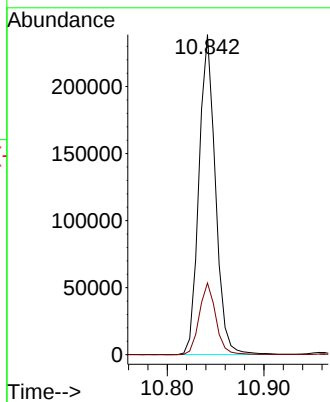
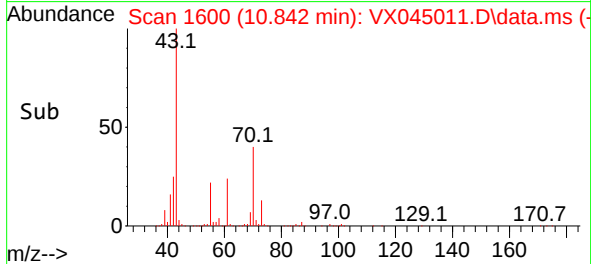
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 282922
Ion Ratio Lower Upper
43 100
55 22.5 18.6 27.8

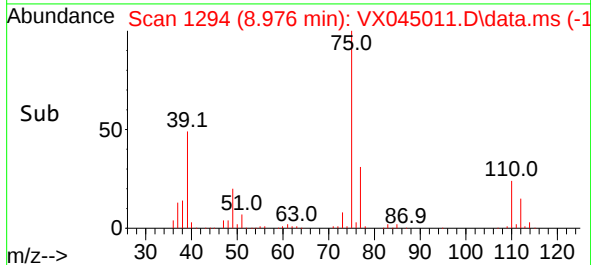
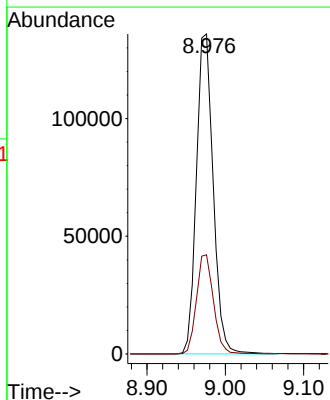
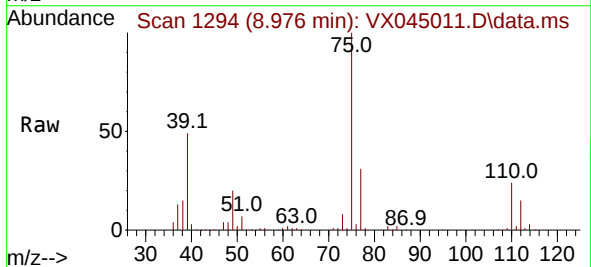
Manual Integrations
APPROVED

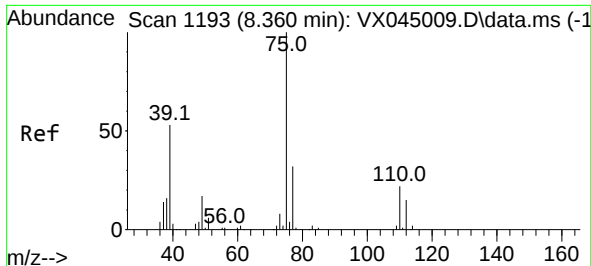
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#48
t-1,3-Dichloropropene
Concen: 104.416 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 75 Resp: 202810
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 101.800 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 22383

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

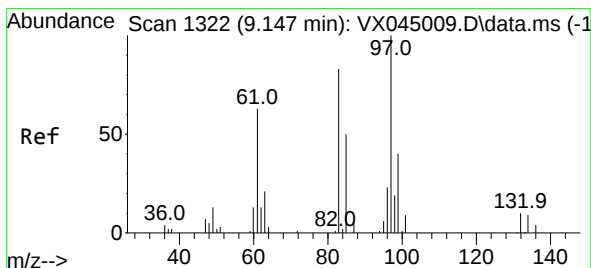
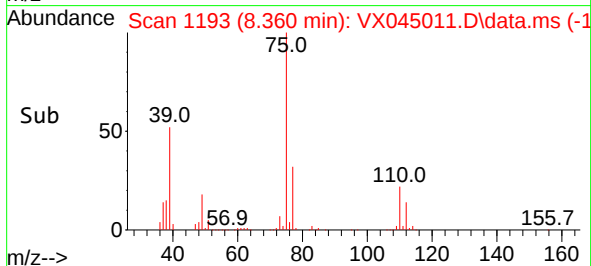
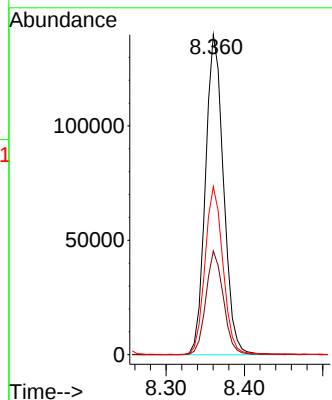
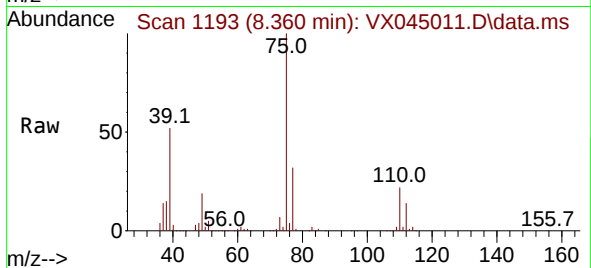
39 52.4 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 96.553 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

Tgt Ion: 97 Resp: 127690

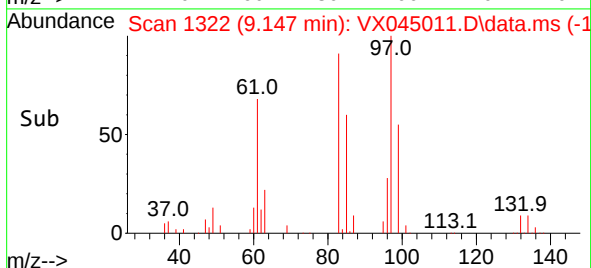
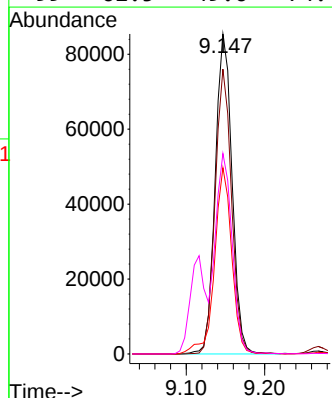
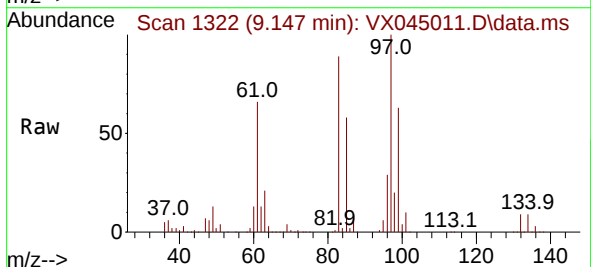
Ion Ratio Lower Upper

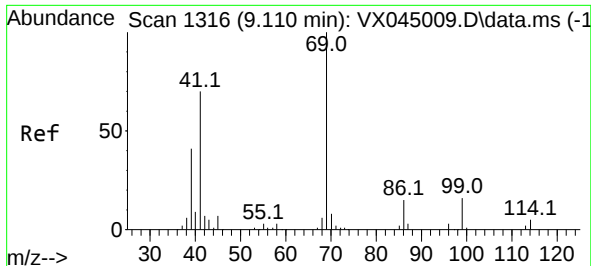
97 100

83 89.0 66.0 99.0

85 58.1 42.5 63.7

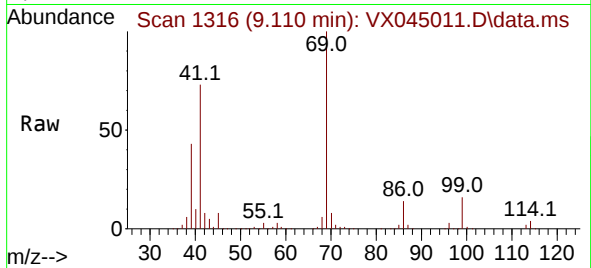
99 62.5 49.6 74.4





#51
Ethyl methacrylate
Concen: 103.117 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

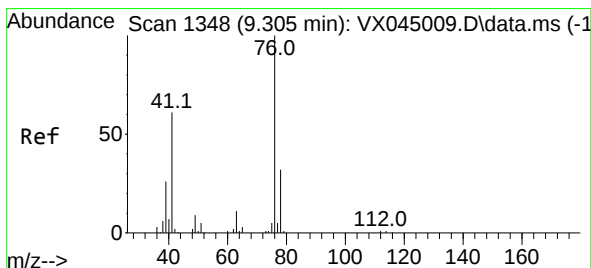
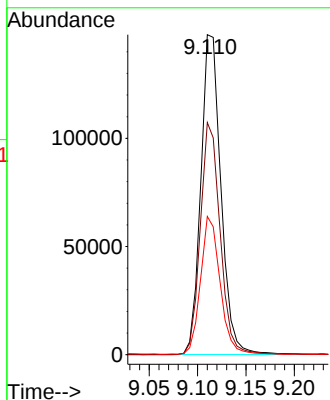
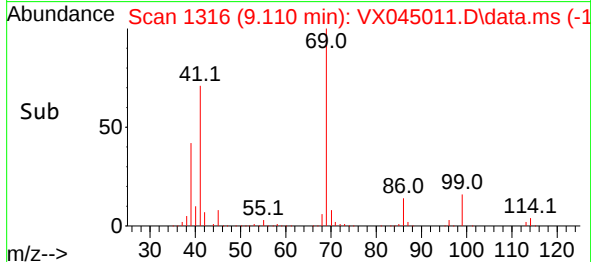
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 214475
Ion Ratio Lower Upper
69 100
41 72.5 35.1 105.3
39 43.1 20.5 61.6

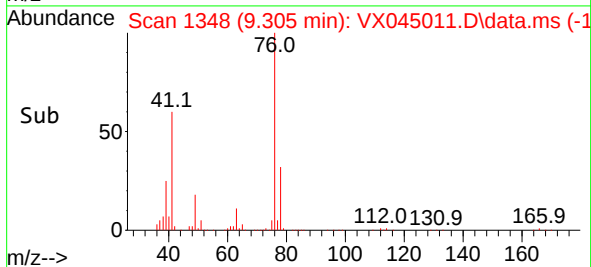
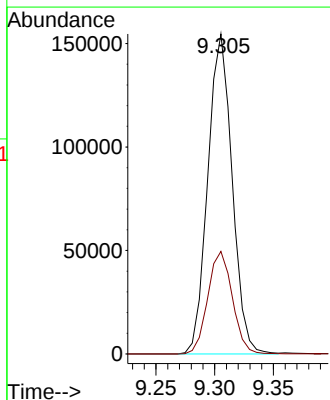
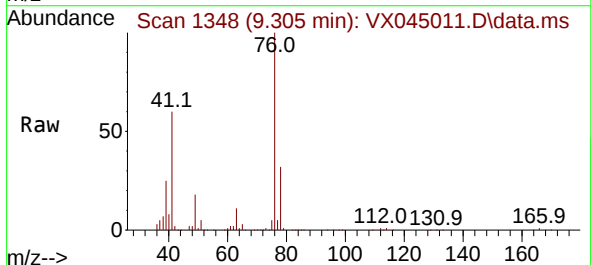
Manual Integrations
APPROVED

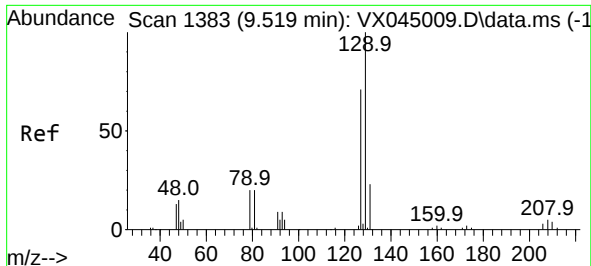
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#52
1,3-Dichloropropane
Concen: 96.102 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

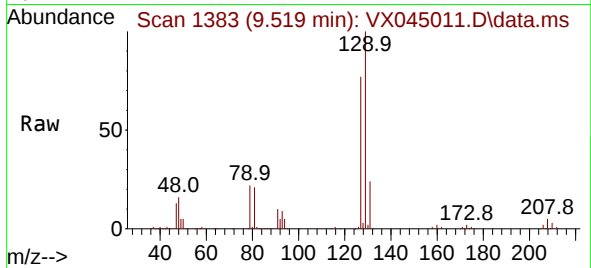
Tgt Ion: 76 Resp: 222694
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.6





#53
Dibromochloromethane
Concen: 98.713 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

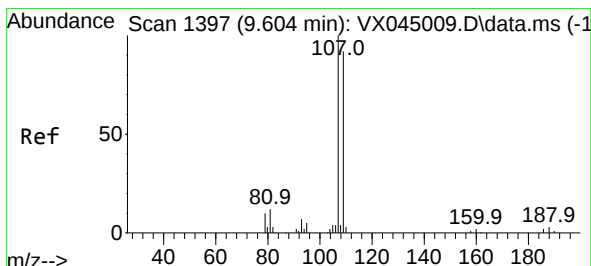
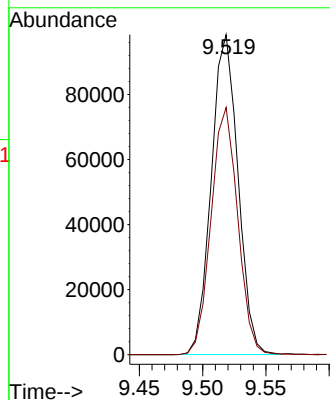
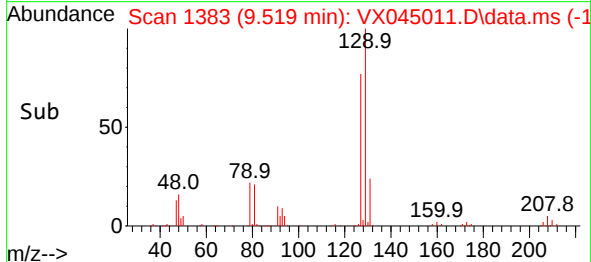
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:129 Resp: 144384
Ion Ratio Lower Upper
129 100
127 77.2 37.3 111.9

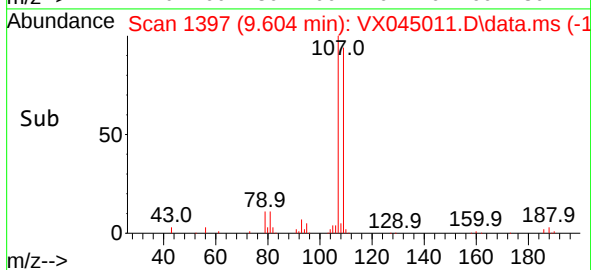
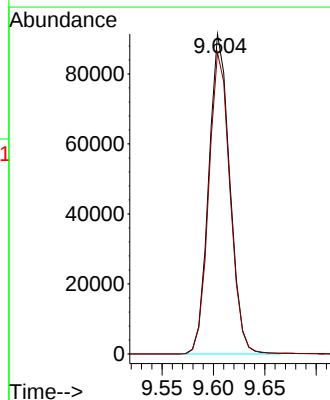
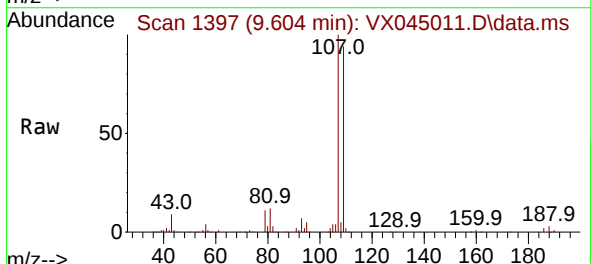
Manual Integrations
APPROVED

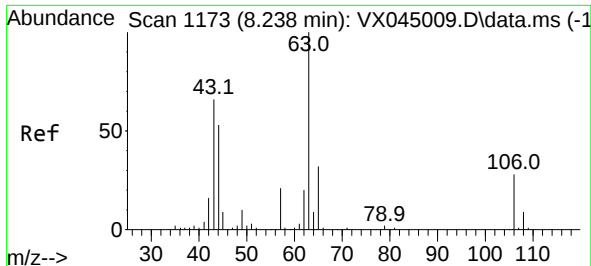
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#54
1,2-Dibromoethane
Concen: 97.194 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

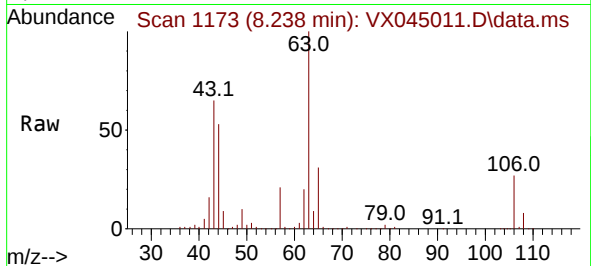
Tgt Ion:107 Resp: 130524
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.8





#55
2-Chloroethyl vinyl ether
Concen: 501.334 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

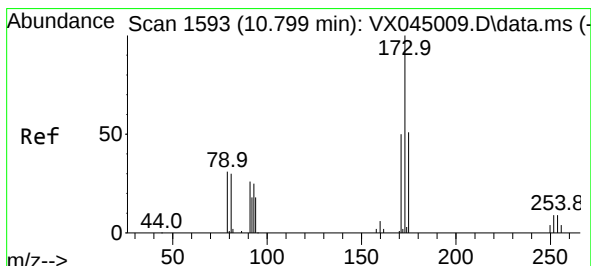
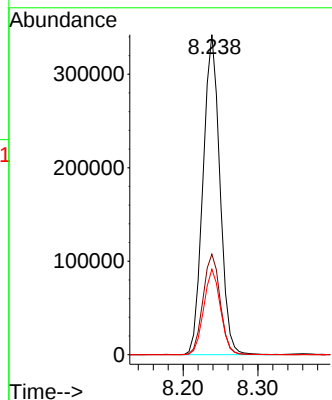
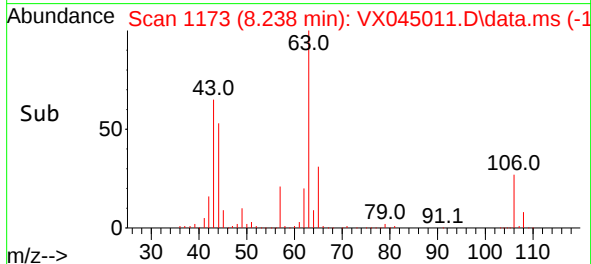
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 53547
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 26.6 21.2 31.8

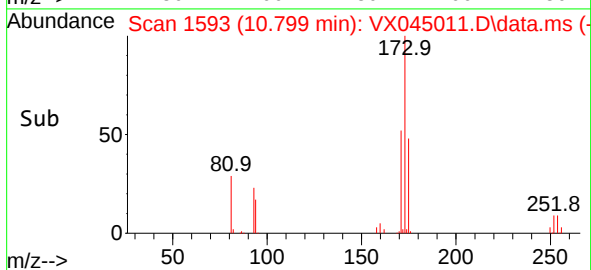
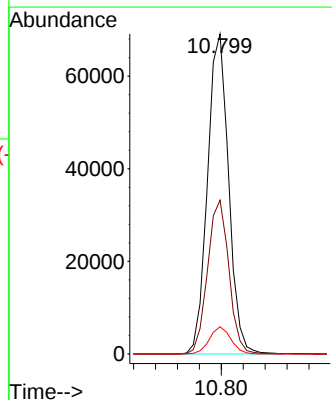
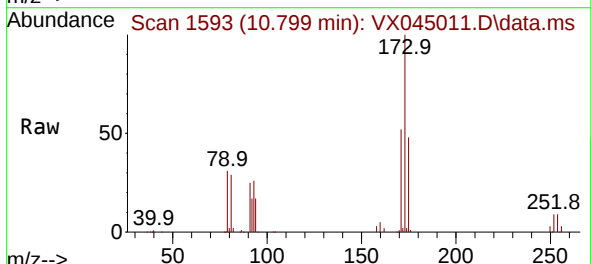
Manual Integrations
APPROVED

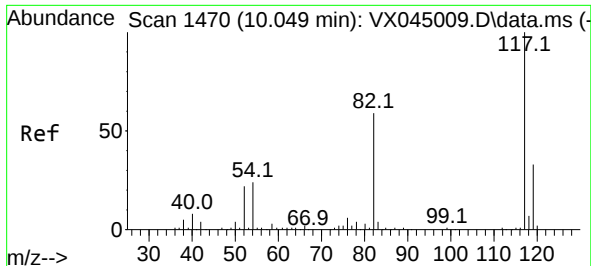
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#56
Bromoform
Concen: 100.830 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion:173 Resp: 92416
Ion Ratio Lower Upper
173 100
175 48.5 39.6 59.4
254 8.6 6.3 9.5





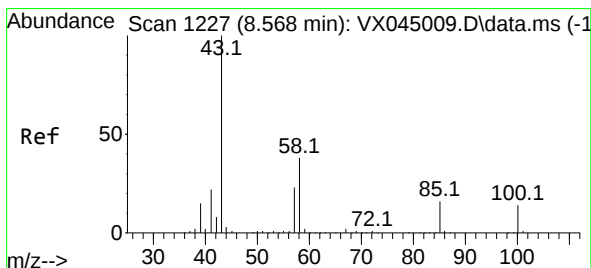
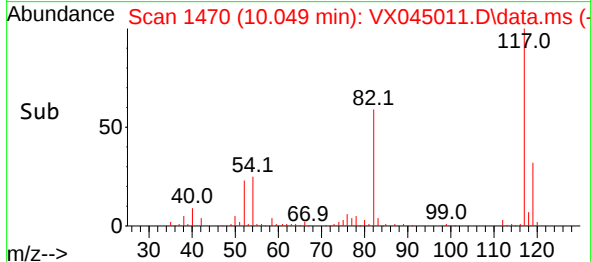
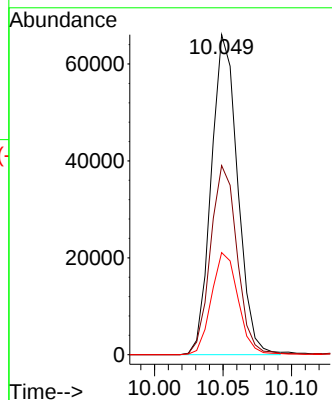
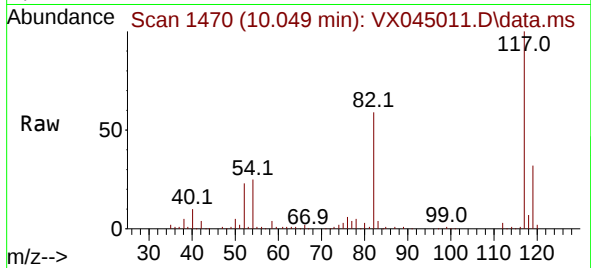
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 117 Resp: 8832
Ion Ratio Lower Upper
117 100
82 60.0 45.8 68.8
119 32.4 25.5 38.3

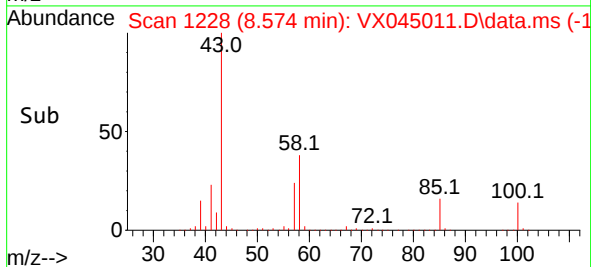
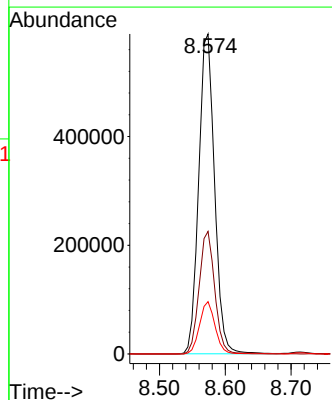
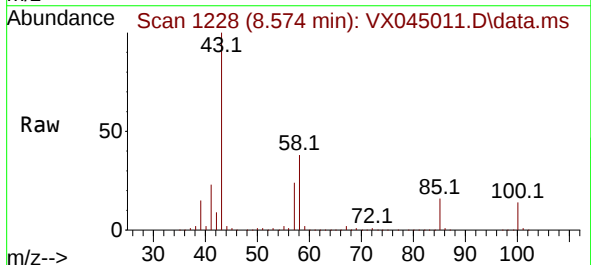
Manual Integrations
APPROVED

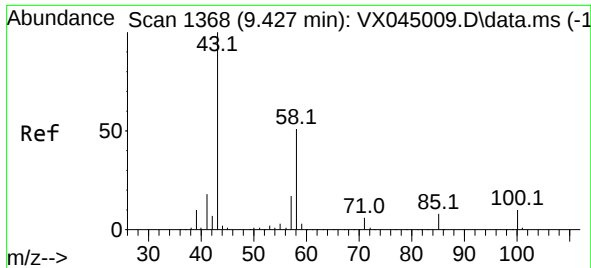
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#58
4-Methyl-2-Pentanone
Concen: 489.624 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

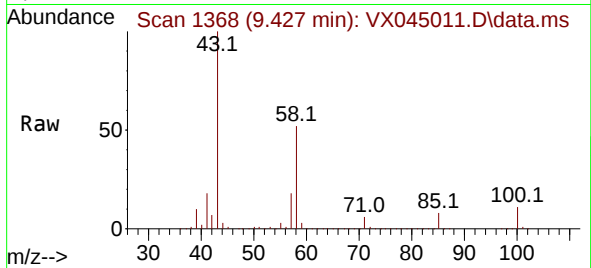
Tgt Ion: 43 Resp: 983713
Ion Ratio Lower Upper
43 100
58 37.6 29.5 44.3
85 16.1 12.9 19.3





#59
2-Hexanone
Concen: 488.118 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

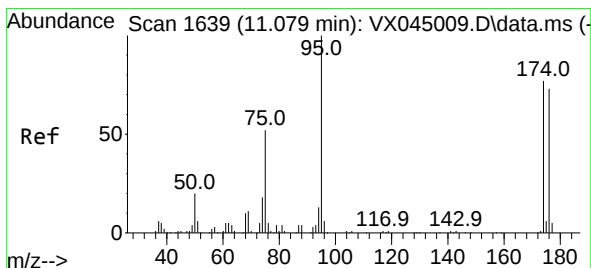
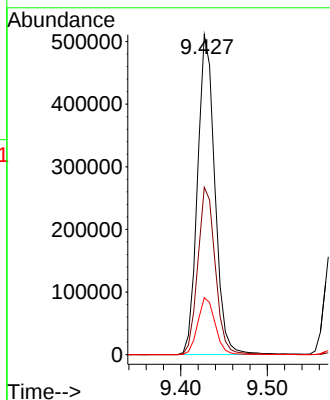
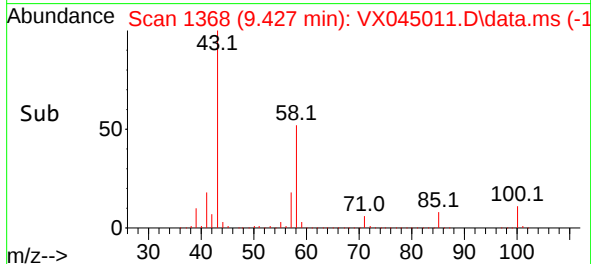
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 708849
Ion Ratio Lower Upper
43 100
58 53.0 41.6 62.4
57 18.1 13.8 20.6

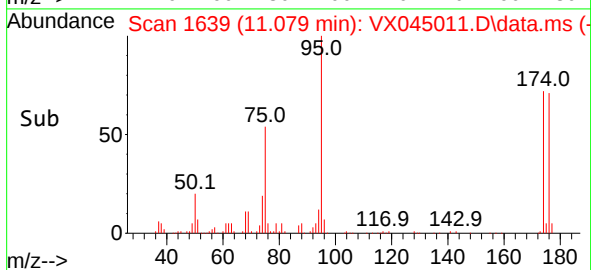
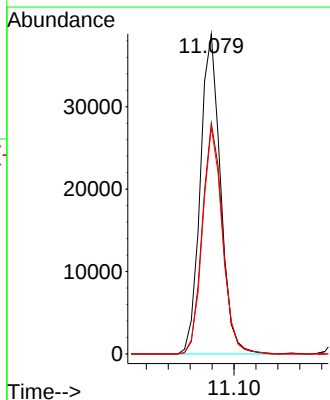
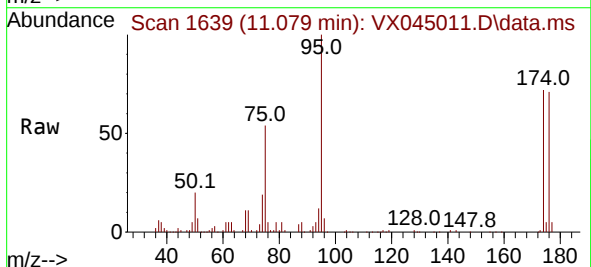
Manual Integrations
APPROVED

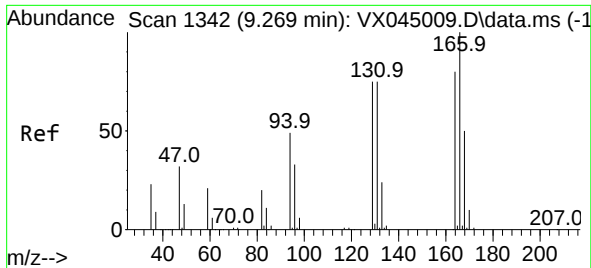
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 30.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 95 Resp: 49683
Ion Ratio Lower Upper
95 100
174 72.2 59.5 89.3
176 70.1 55.5 83.3





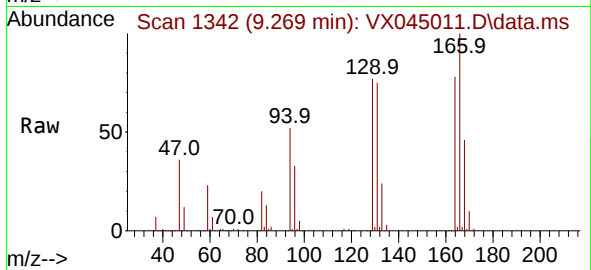
#61
Tetrachloroethene
Concen: 96.410 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



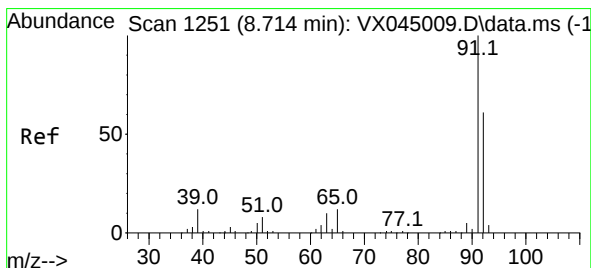
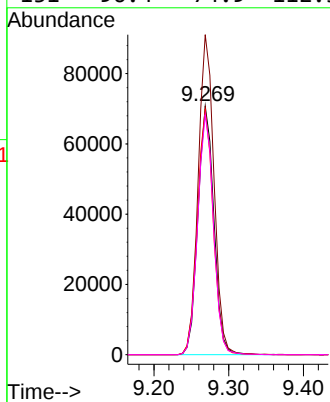
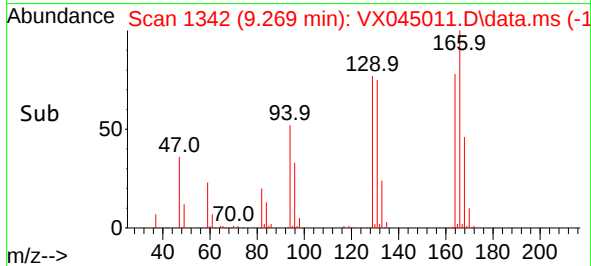
Tgt Ion:164 Resp: 104854
Ion Ratio Lower Upper
164 100
166 128.7 100.3 150.5
129 98.8 75.5 113.3
131 96.4 74.9 112.3

Manual Integrations

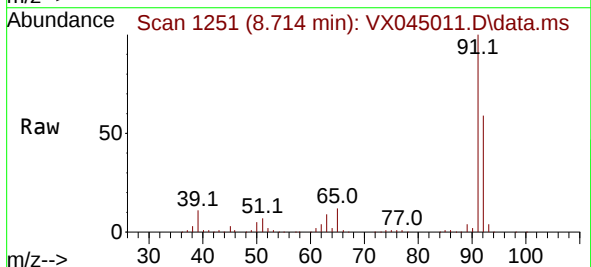
APPROVED

Reviewed By :John Carlone 02/24/2025

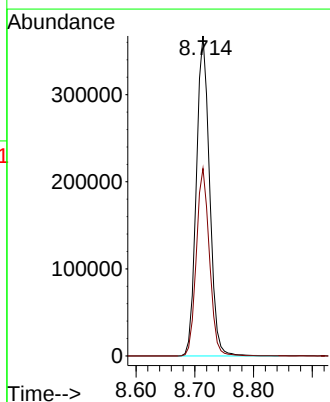
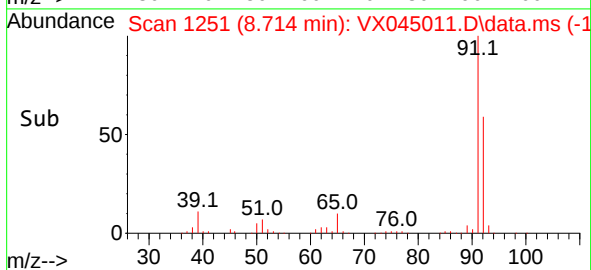
Supervised By :Mahesh Dadoda 02/24/2025

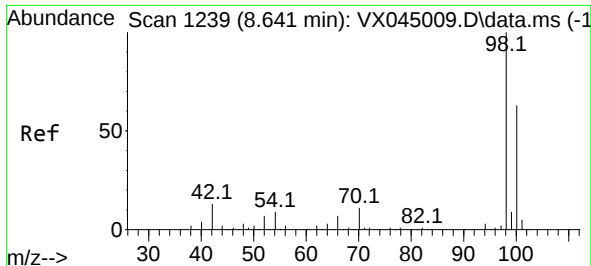


#62
Toluene
Concen: 98.410 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



Tgt Ion: 91 Resp: 575772
Ion Ratio Lower Upper
91 100
92 57.9 46.9 70.3





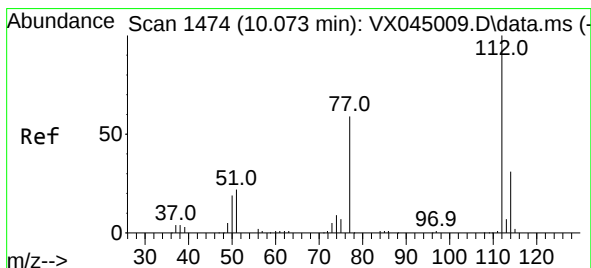
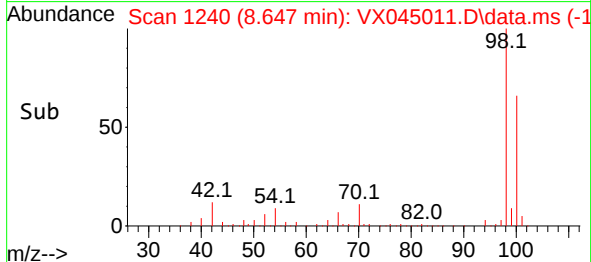
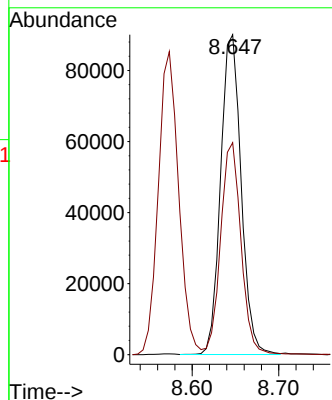
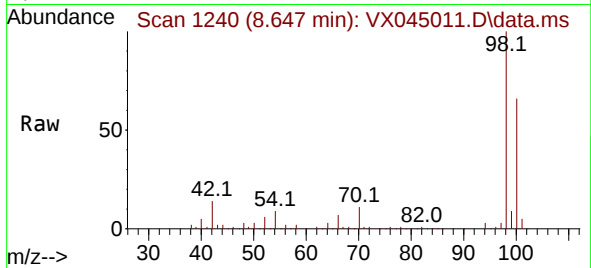
#63
Toluene-d8
Concen: 30.306 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 148078
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5

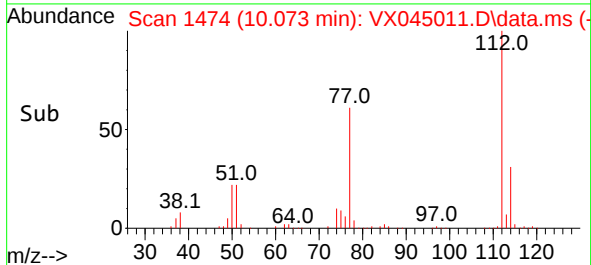
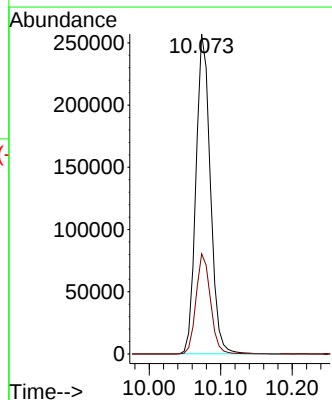
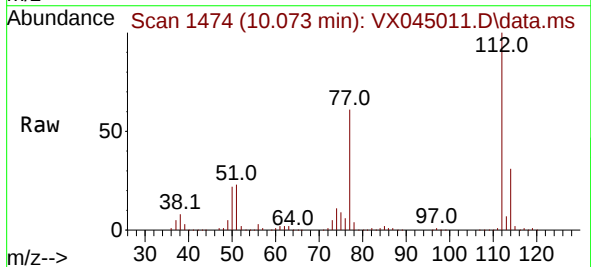
Manual Integrations
APPROVED

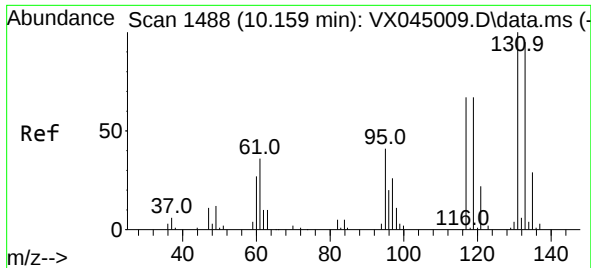
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#64
Chlorobenzene
Concen: 99.055 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

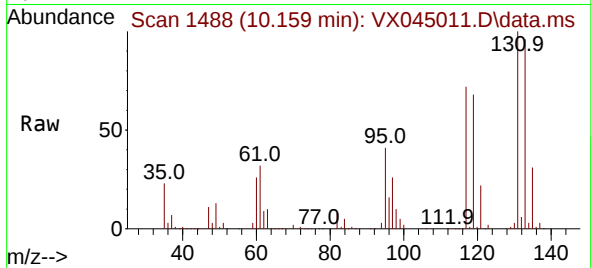
Tgt Ion:112 Resp: 359123
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 98.304 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

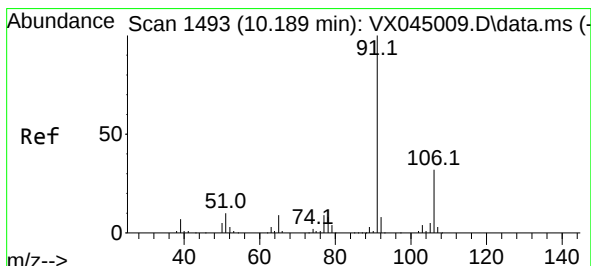
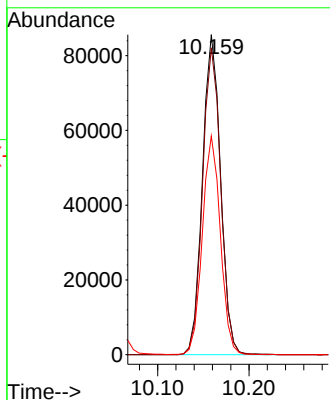
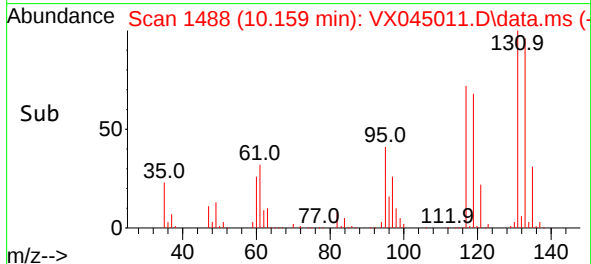
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 117602
Ion Ratio Lower Upper
131 100
133 96.2 0.0 187.8
119 67.9 0.0 133.0

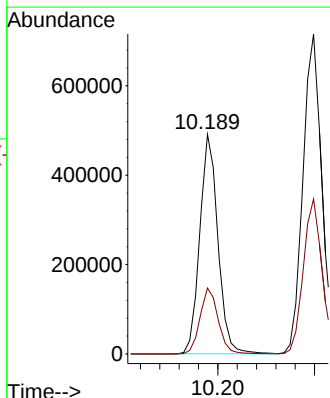
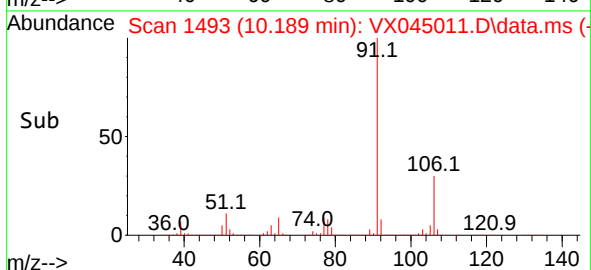
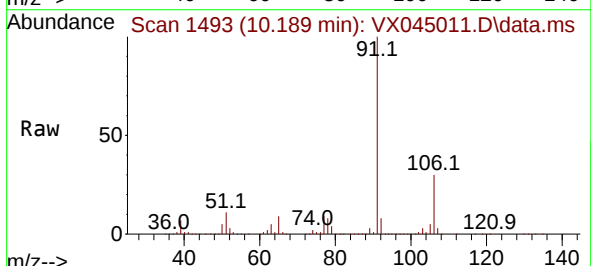
Manual Integrations
APPROVED

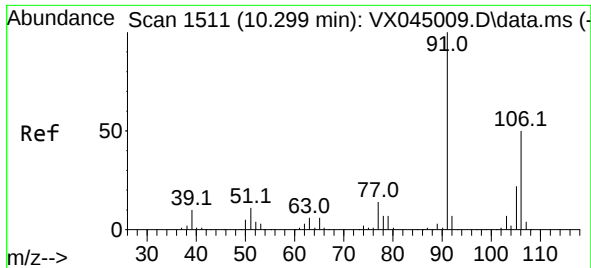
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 100.122 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 91 Resp: 641324
Ion Ratio Lower Upper
91 100
106 30.0 25.4 38.2





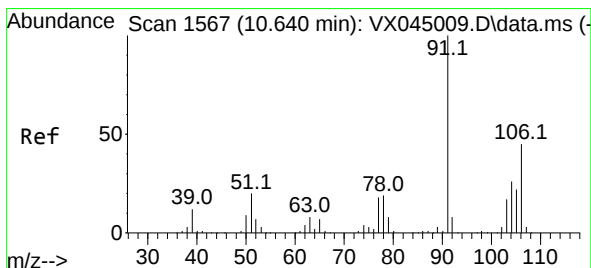
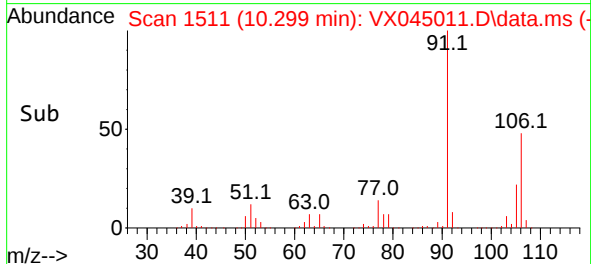
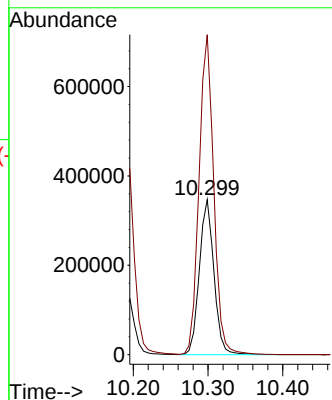
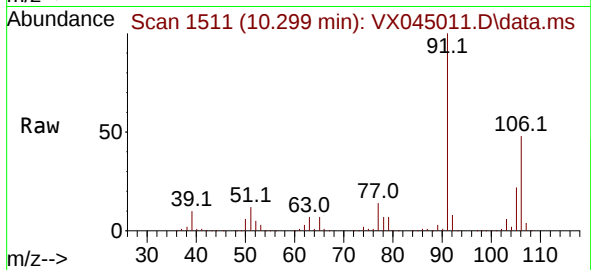
#67
m/p-Xylenes
Concen: 197.072 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 47032
Ion Ratio Lower Upper
106 100
91 207.5 163.7 245.5

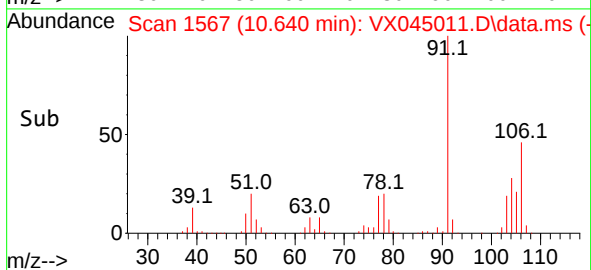
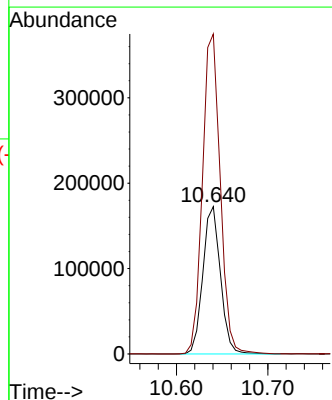
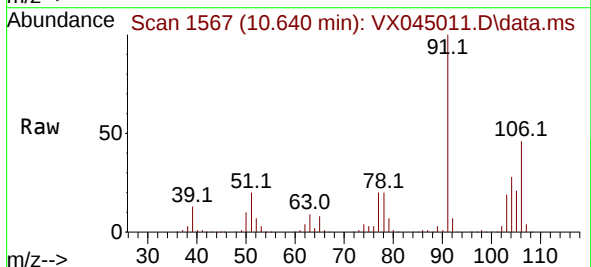
Manual Integrations
APPROVED

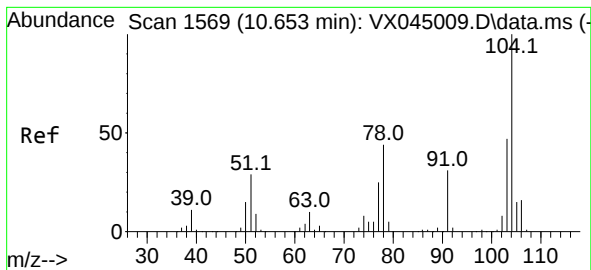
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 98.392 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion:106 Resp: 230392
Ion Ratio Lower Upper
106 100
91 219.4 109.7 329.1





#69

Styrene

Concen: 99.067 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

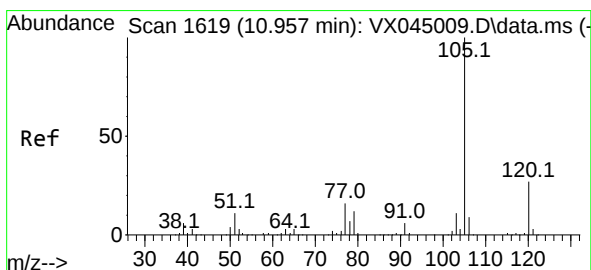
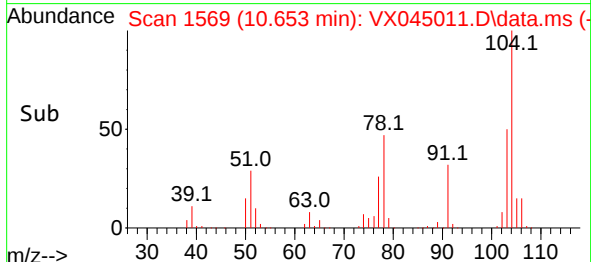
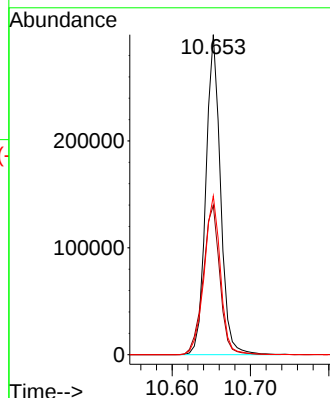
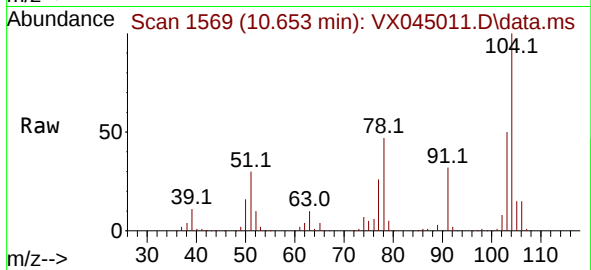
Tgt Ion:104 Resp: 387430
 Ion Ratio Lower Upper
 104 100
 78 53.3 41.4 62.0
 103 55.1 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#70

Isopropylbenzene

Concen: 98.698 ug/l

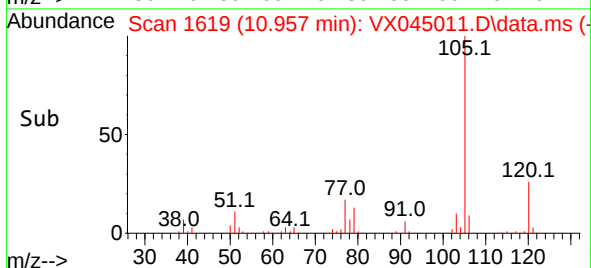
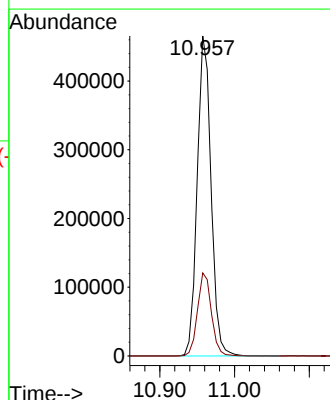
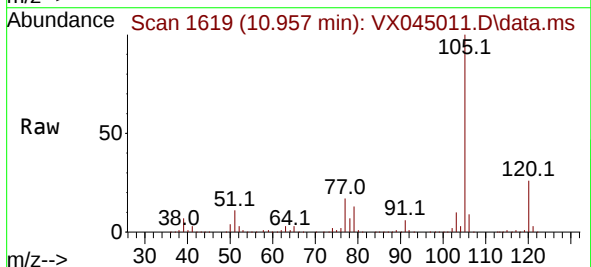
RT: 10.957 min Scan# 1619

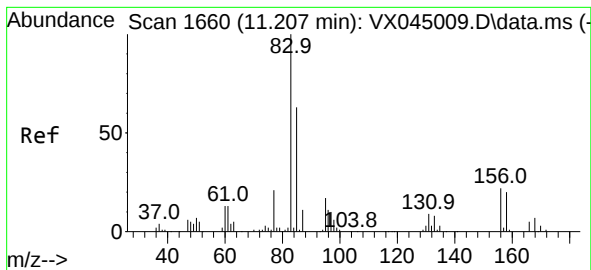
Delta R.T. -0.000 min

Lab File: VX045011.D

Acq: 21 Feb 2025 11:07

Tgt Ion:105 Resp: 596402
 Ion Ratio Lower Upper
 105 100
 120 26.1 18.4 34.2





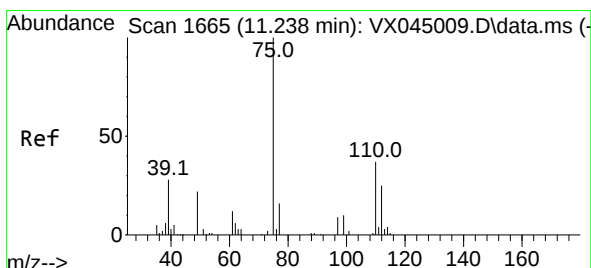
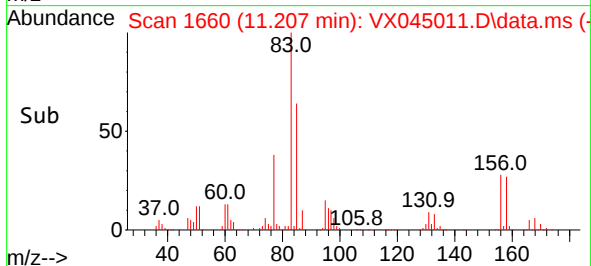
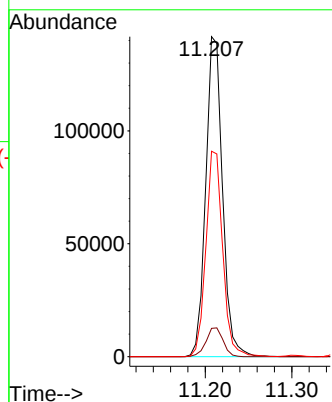
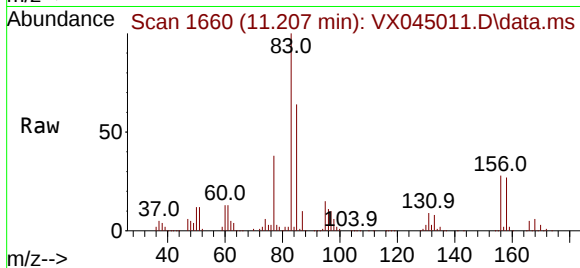
#71
1,1,2,2-Tetrachloroethane
Concen: 95.916 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 190594
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.5 32.3 96.8

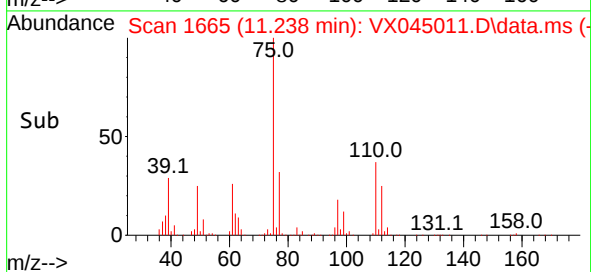
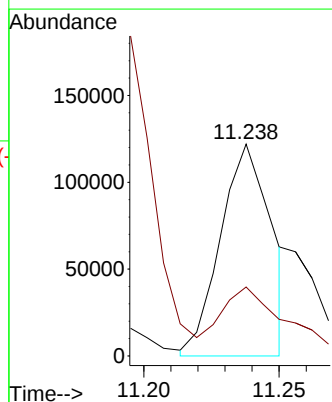
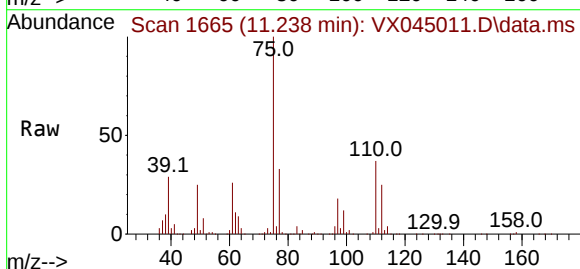
Manual Integrations
APPROVED

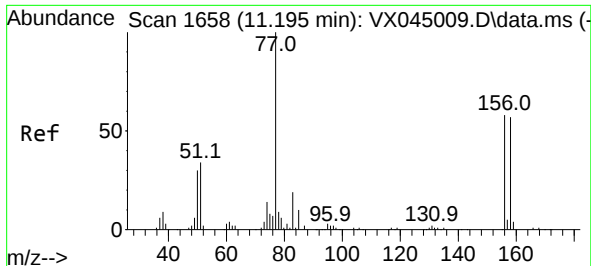
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 97.283 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

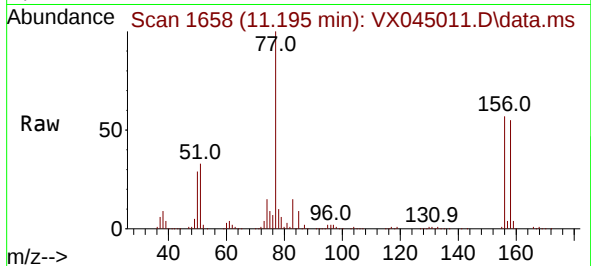
Tgt Ion: 75 Resp: 158994
Ion Ratio Lower Upper
75 100
77 42.6 0.0 84.0





#73
Bromobenzene
Concen: 97.960 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

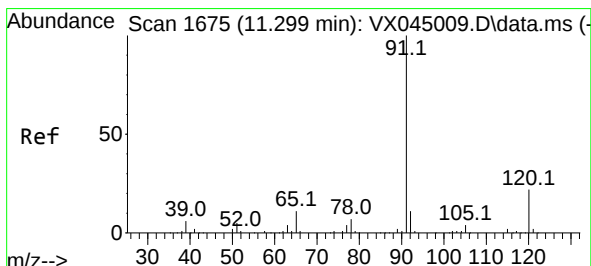
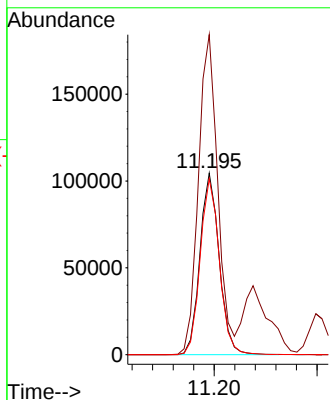
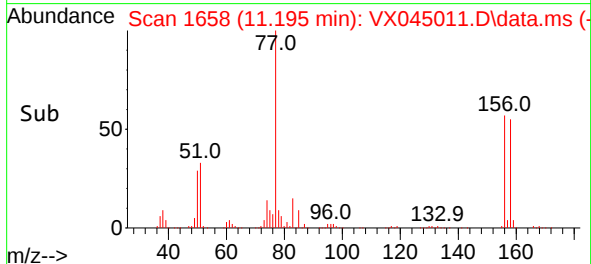
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



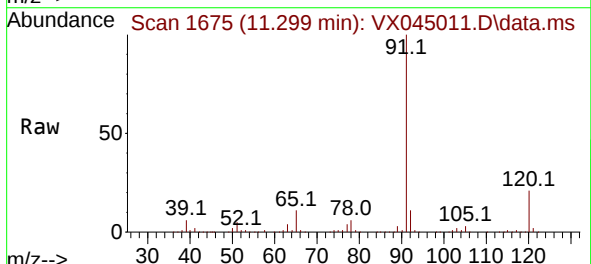
Tgt Ion:156 Resp: 136270
Ion Ratio Lower Upper
156 100
77 176.6 0.0 347.2
158 96.3 0.0 197.6

Manual Integrations
APPROVED

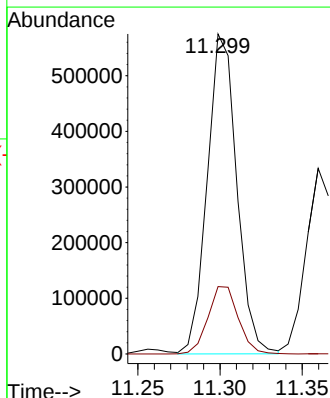
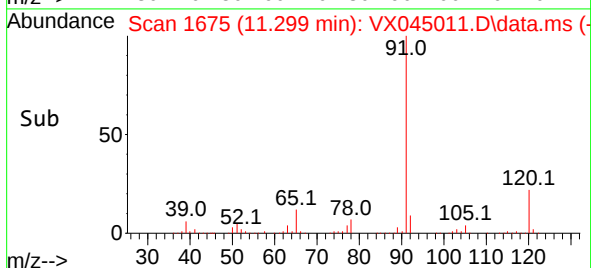
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

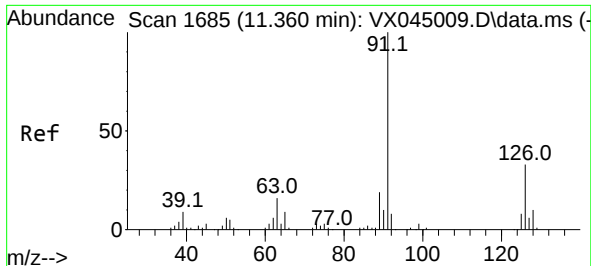


#74
n-propylbenzene
Concen: 99.759 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



Tgt Ion: 91 Resp: 717361
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.2





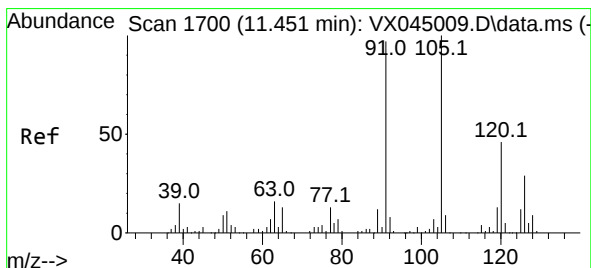
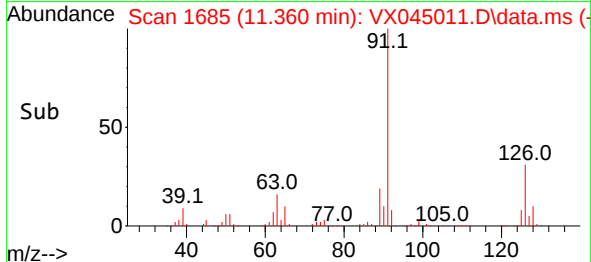
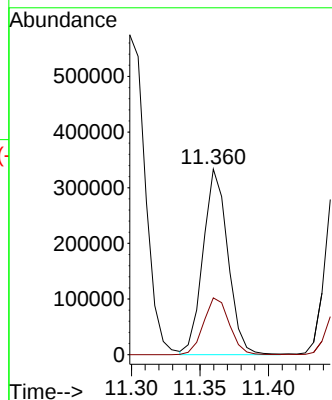
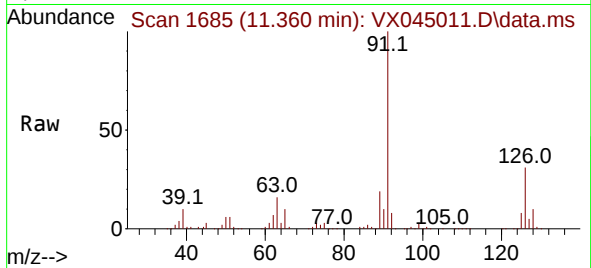
#75
2-Chlorotoluene
Concen: 96.938 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 421424
Ion Ratio Lower Upper
91 100
126 31.7 0.0 65.4

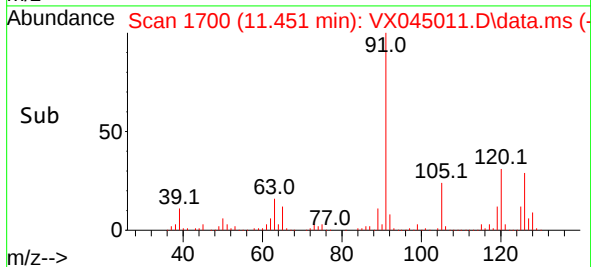
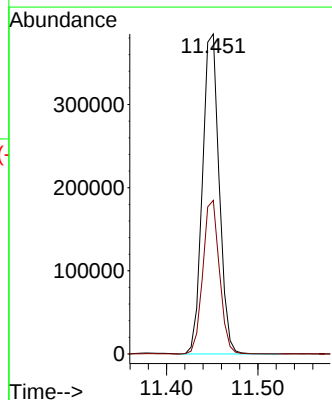
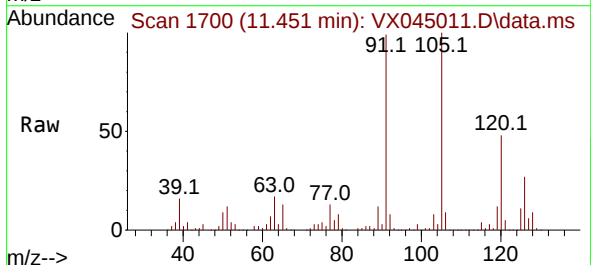
Manual Integrations
APPROVED

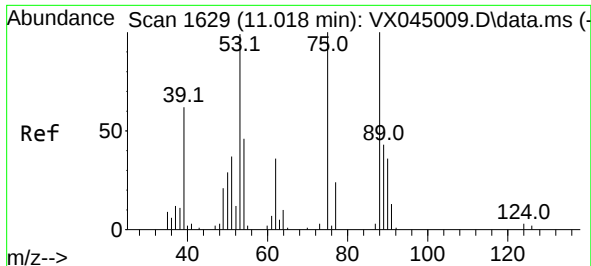
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 97.701 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion:105 Resp: 487050
Ion Ratio Lower Upper
105 100
120 47.8 0.0 94.4





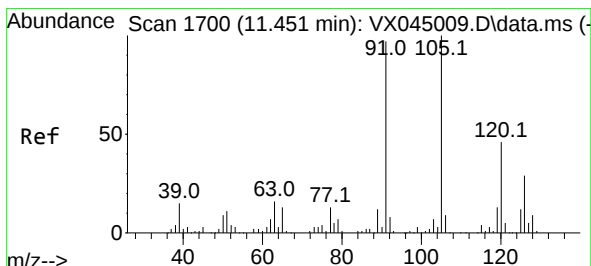
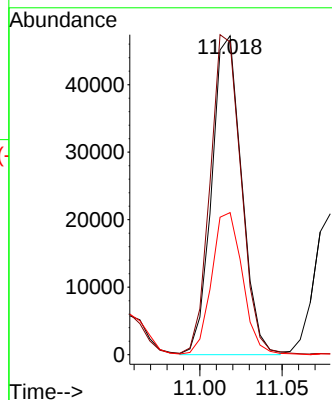
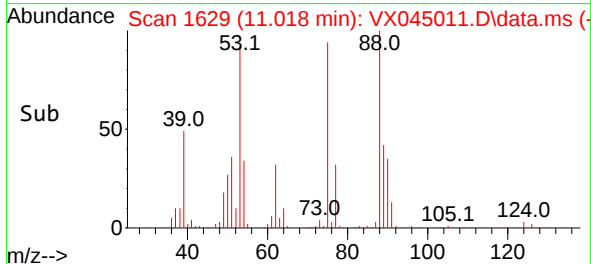
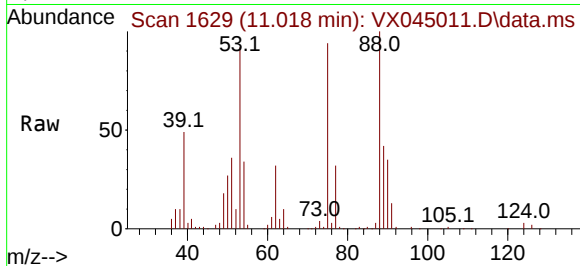
#77
t-1,4-Dichloro-2-butene
Concen: 108.886 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 5987
Ion Ratio Lower Upper
75 100
53 98.0 49.8 149.4
89 44.5 21.4 64.2

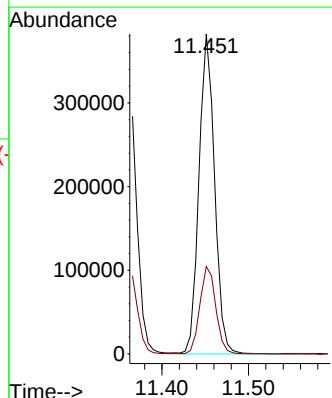
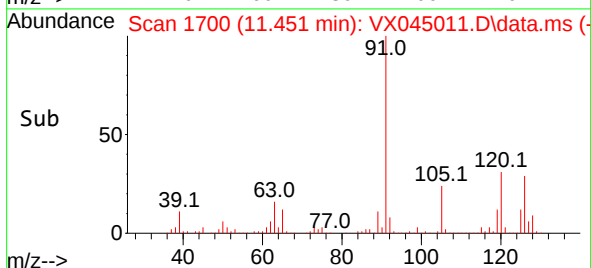
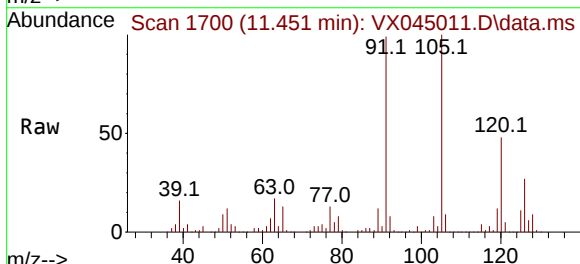
Manual Integrations
APPROVED

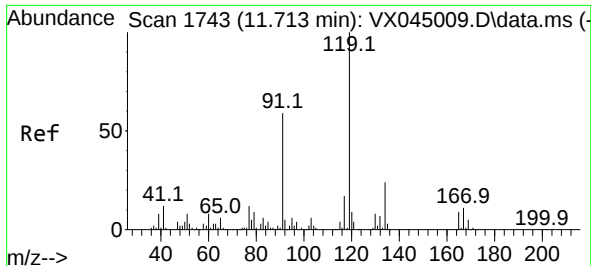
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 98.607 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Tgt Ion: 91 Resp: 477861
Ion Ratio Lower Upper
91 100
126 27.9 0.0 58.0





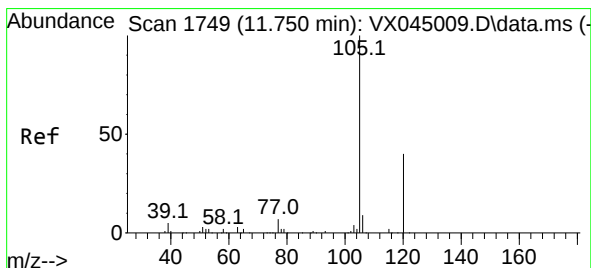
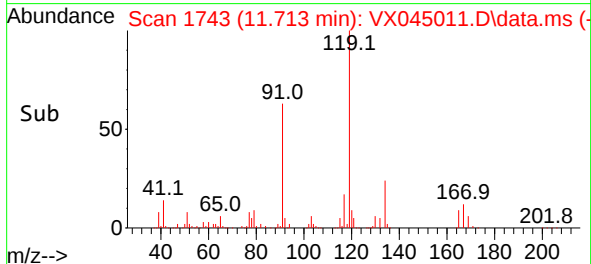
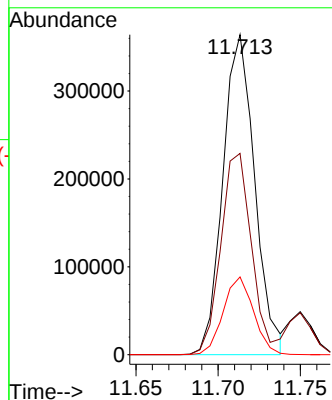
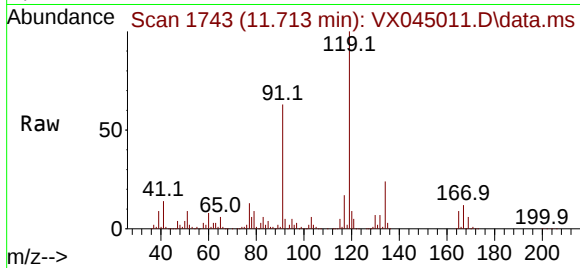
#79
tert-butylbenzene
Concen: 97.716 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 490810
Ion Ratio Lower Upper
119 100
91 60.1 0.0 120.6
134 23.2 0.0 48.2

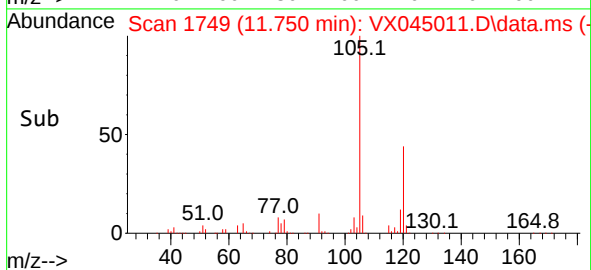
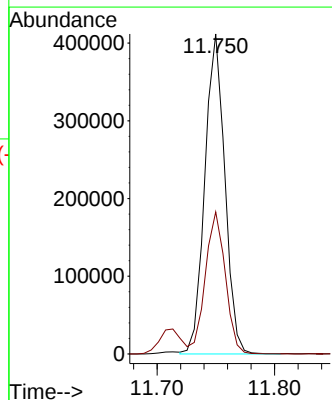
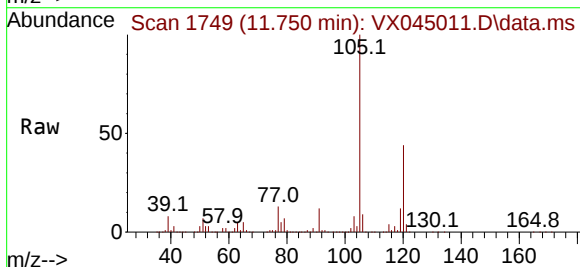
Manual Integrations
APPROVED

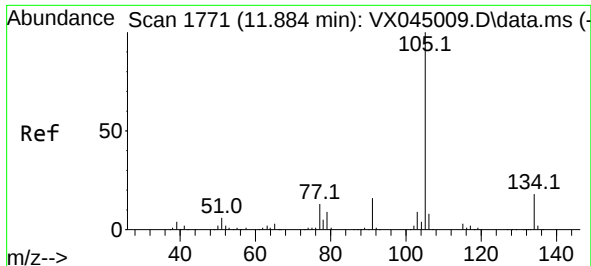
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 97.478 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

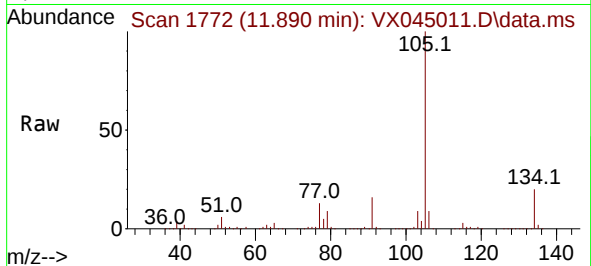
Tgt Ion:105 Resp: 486770
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 97.788 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045011.D
 Acq: 21 Feb 2025 11:07

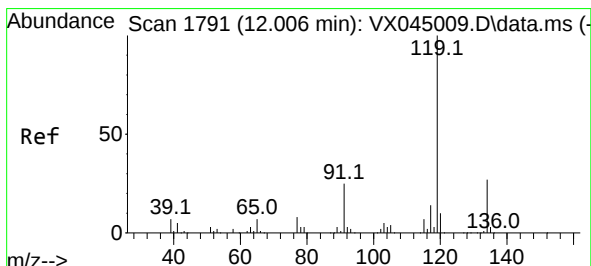
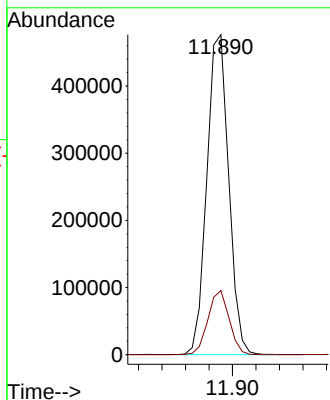
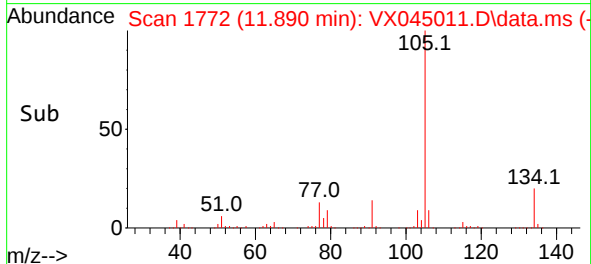
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



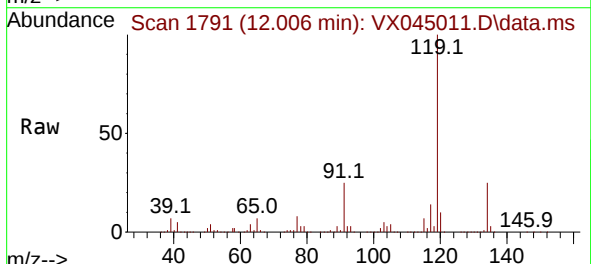
Tgt Ion:105 Resp: 616448
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0

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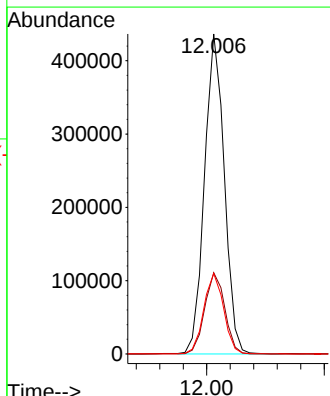
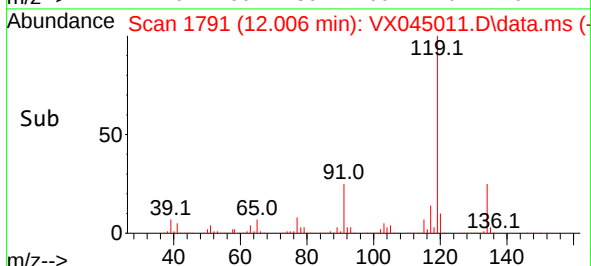
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#82
 p-Isopropyltoluene
 Concen: 99.893 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045011.D
 Acq: 21 Feb 2025 11:07



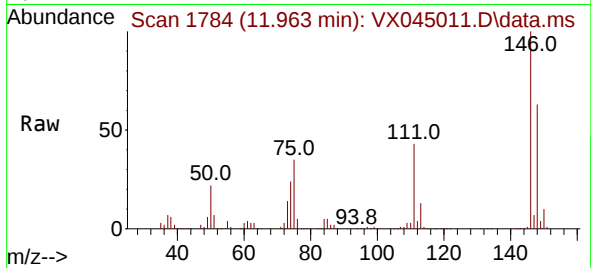
Tgt Ion:119 Resp: 510223
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 25.1 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 96.883 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

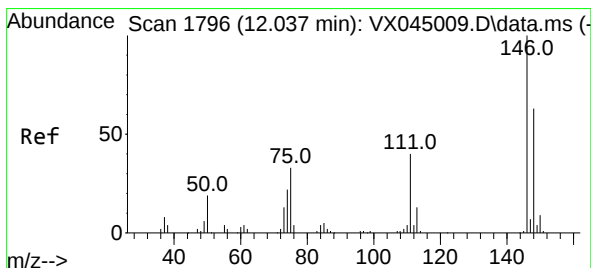
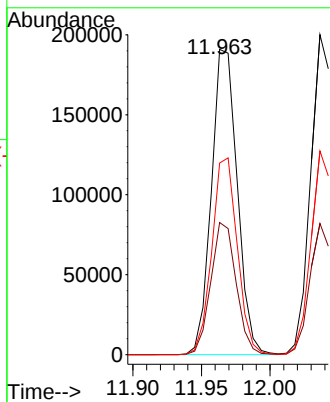
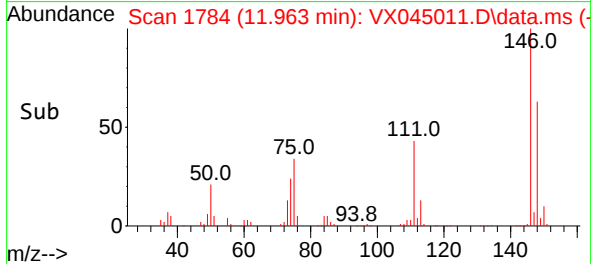
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



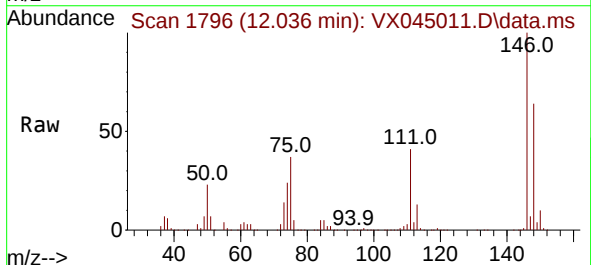
Tgt Ion:146 Resp: 250758
Ion Ratio Lower Upper
146 100
111 42.3 20.2 60.5
148 63.5 31.2 93.6

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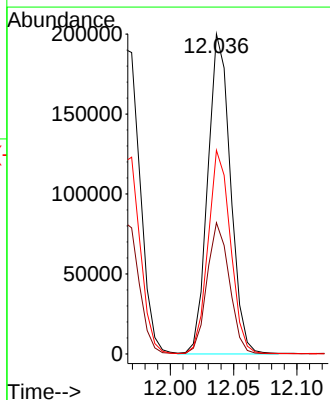
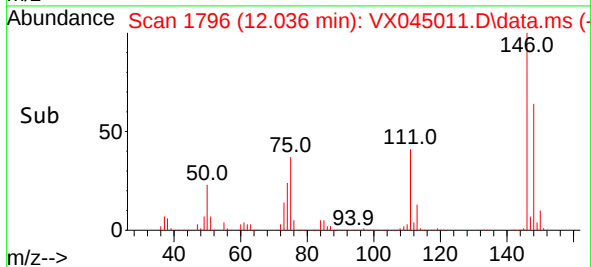
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

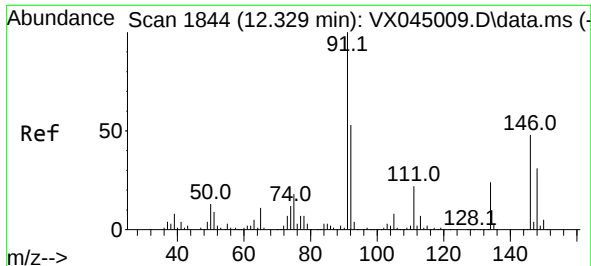


#84
1,4-Dichlorobenzene
Concen: 97.834 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



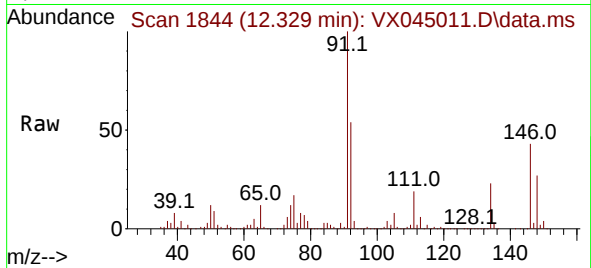
Tgt Ion:146 Resp: 249668
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.2
148 63.2 31.8 95.4





#85
n-Butylbenzene
Concen: 102.150 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

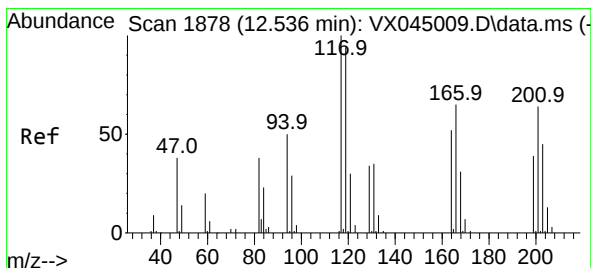
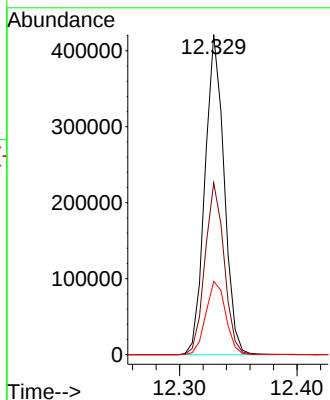
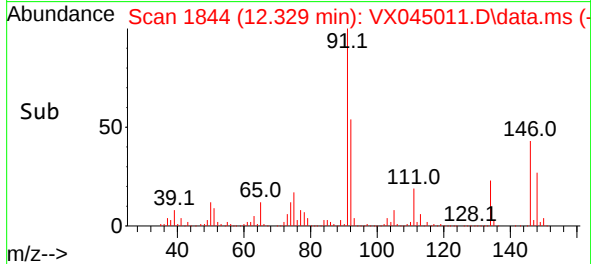
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 47645
Ion Ratio Lower Upper
91 100
92 53.7 0.0 105.2
134 23.8 0.0 49.4

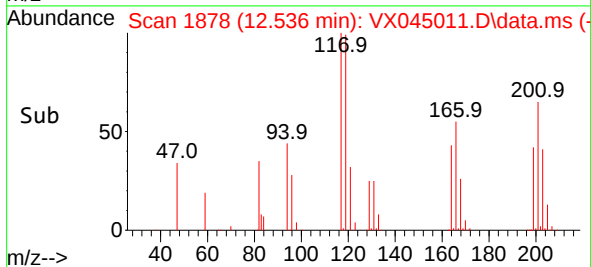
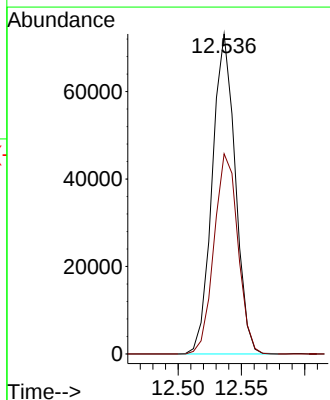
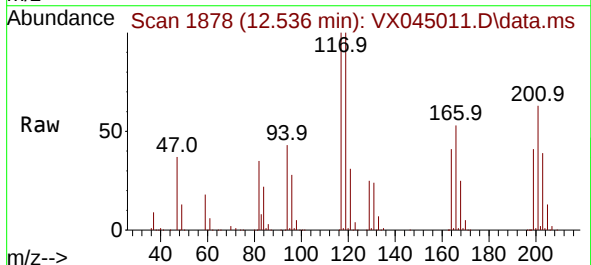
Manual Integrations
APPROVED

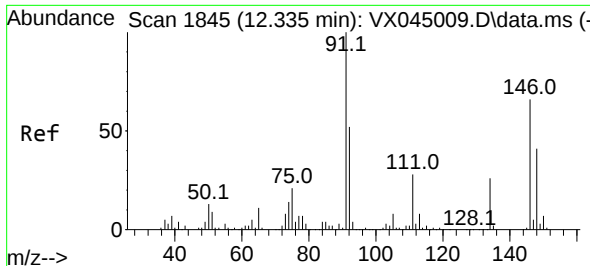
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 102.679 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

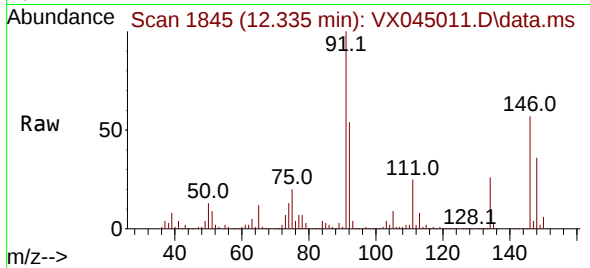
Tgt Ion:117 Resp: 92493
Ion Ratio Lower Upper
117 100
201 64.8 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 94.528 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

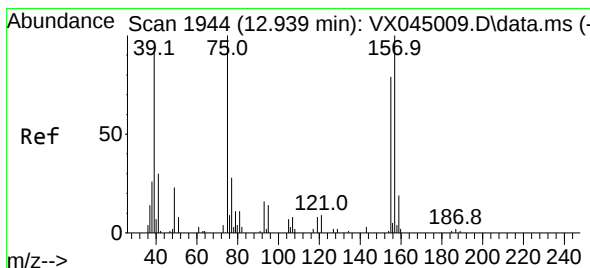
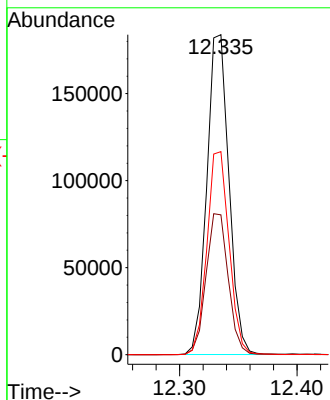
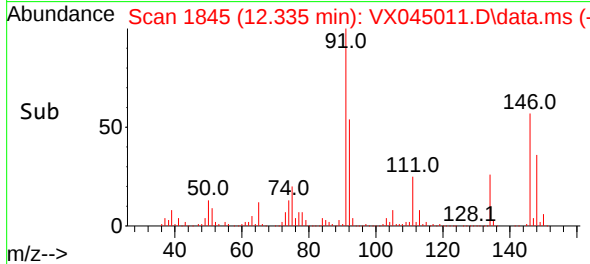
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 240050
Ion Ratio Lower Upper
146 100
111 44.4 21.7 65.1
148 63.5 31.8 95.4

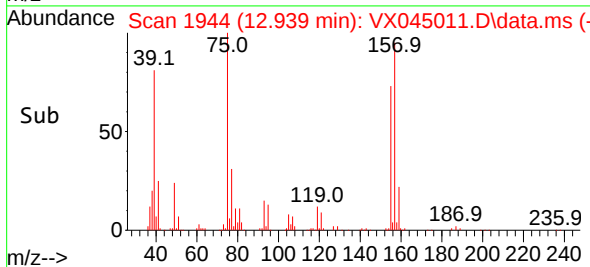
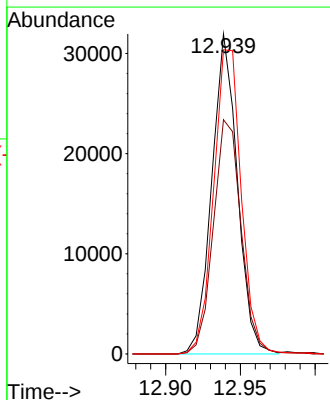
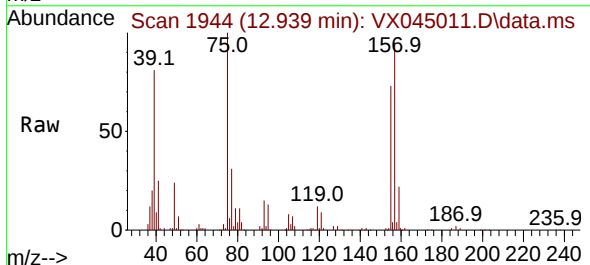
Manual Integrations
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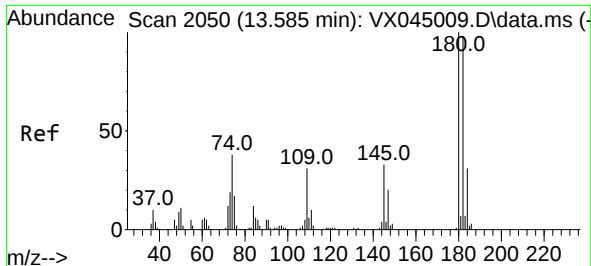
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 98.669 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

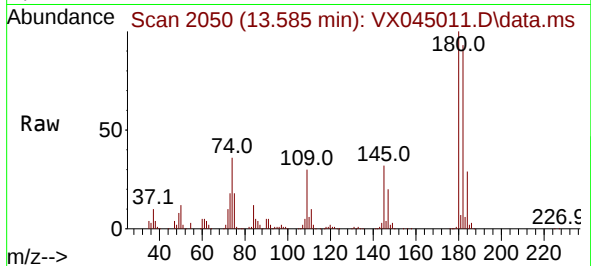
Tgt Ion: 75 Resp: 37960
Ion Ratio Lower Upper
75 100
155 79.6 66.2 99.4
157 103.3 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 103.039 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

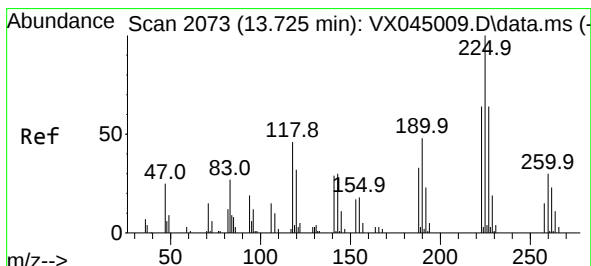
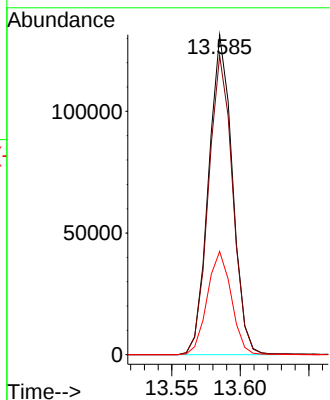
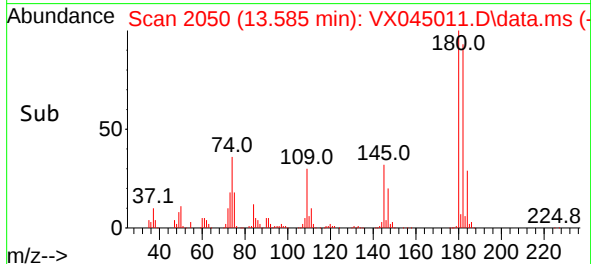
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 158594
Ion Ratio Lower Upper
180 100
182 94.7 77.7 116.5
145 32.6 25.8 38.6

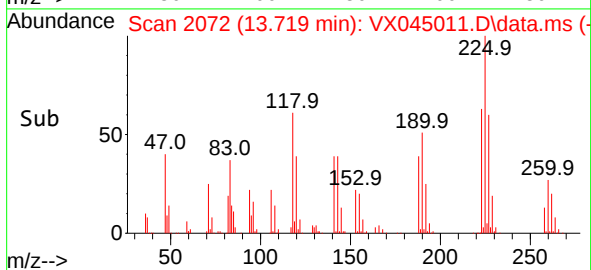
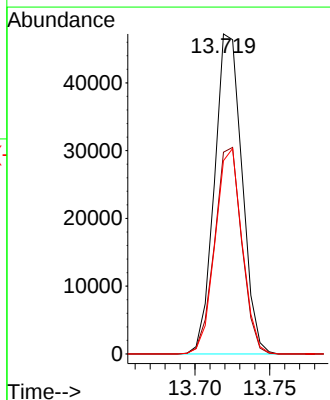
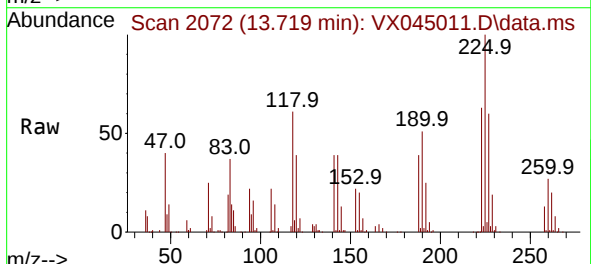
Manual Integrations
APPROVED

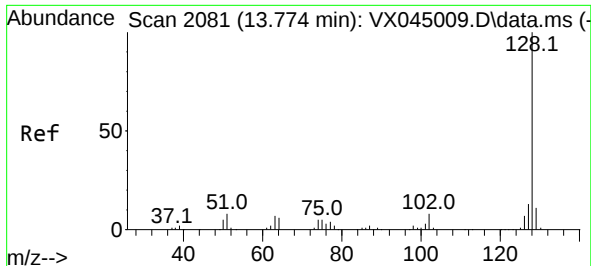
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#90
Hexachlorobutadiene
Concen: 96.489 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

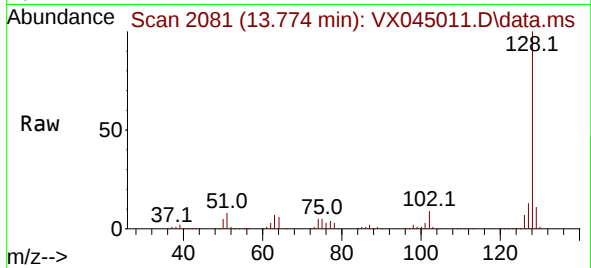
Tgt Ion:225 Resp: 60565
Ion Ratio Lower Upper
225 100
223 63.5 0.0 123.4
227 62.6 0.0 127.4





#91
Naphthalene
Concen: 100.977 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07

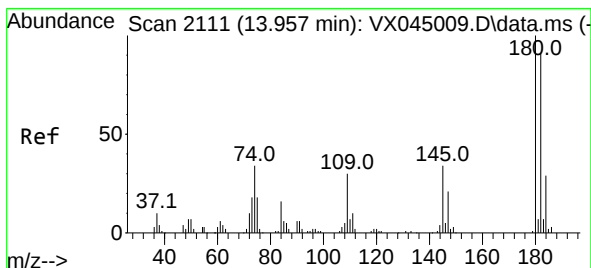
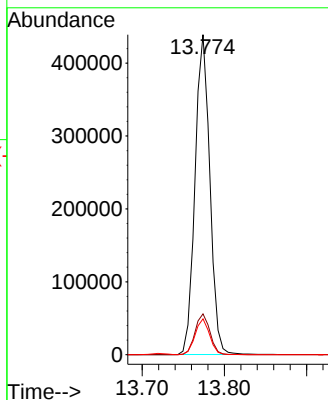
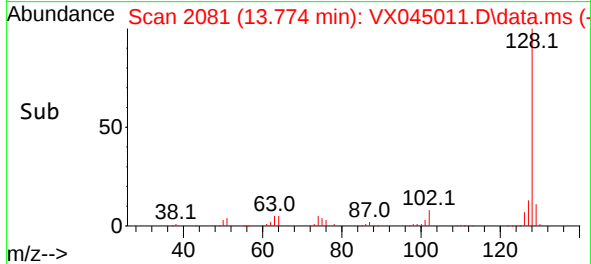
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



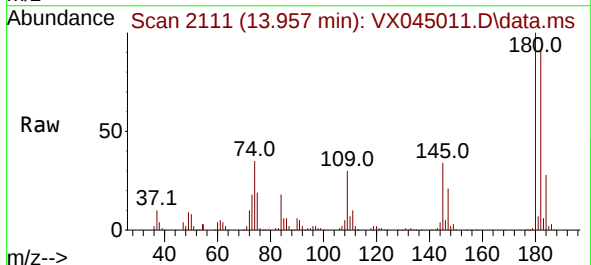
Tgt Ion:128 Resp: 548020
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 100.267 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045011.D
Acq: 21 Feb 2025 11:07



Tgt Ion:180 Resp: 158881
Ion Ratio Lower Upper
180 100
182 92.9 0.0 186.6
145 34.3 0.0 68.4

