

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022125\
 Data File : VX045014.D
 Acq On : 21 Feb 2025 13:09
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022125

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 01:12:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	17826	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	98652	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	90634	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	51483	29.736	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.133%		
60) 4-Bromofluorobenzene	11.079	95	50982	30.094	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.300%		
63) Toluene-d8	8.641	98	148516	29.620	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.733%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27388	18.226	ug/l	95
3) Chloromethane	1.294	50	32169	17.873	ug/l	99
4) Vinyl Chloride	1.374	62	30221	17.401	ug/l	99
5) Bromomethane	1.593	94	11792	19.506	ug/l	97
6) Chloroethane	1.666	64	19435	20.662	ug/l	96
7) Trichlorofluoromethane	1.874	101	41534	17.793	ug/l	96
8) Diethyl Ether	2.130	74	15203	17.214	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	25031	18.055	ug/l	97
10) 1,1-Dichloroethene	2.313	96	24494	18.088	ug/l	95
11) Methyl Iodide	2.441	142	24257	15.827	ug/l	95
12) Methyl Acetate	2.697	43	28582	18.176	ug/l	99
13) Acrolein	2.233	56	30003	95.190	ug/l	100
14) Acrylonitrile	3.056	53	68921	89.730	ug/l	99
15) Acetone	2.374	58	22947	108.932	ug/l	97
16) Carbon Disulfide	2.502	76	68739	17.896	ug/l	100
17) Allyl chloride	2.654	41	45112	17.812	ug/l	99
18) Methylene Chloride	2.782	84	26839	17.621	ug/l	92
19) trans-1,2-Dichloroethene	3.081	96	24421	17.825	ug/l	92
20) Diisopropyl ether	3.751	45	86878	17.850	ug/l	90
21) 1,1-Dichloroethane	3.599	63	47892	17.693	ug/l	99
22) cis-1,2-Dichloroethene	4.471	96	29051	17.695	ug/l	99
23) tert-Butyl Alcohol	2.965	59	24746	92.286	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	78186	17.690	ug/l	100
25) Chloroform	5.074	83	46912	17.943	ug/l	98
26) Cyclohexane	5.458	56	44699	17.890	ug/l #	98
29) 1,1-Dichloropropene	5.678	75	32608	17.969	ug/l	99
30) 2-Butanone	4.544	43	100841	96.206	ug/l	99
31) 2,2-Dichloropropane	4.465	77	37149	18.104	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	39458	17.945	ug/l	99
33) Carbon Tetrachloride	5.666	117	33551	18.080	ug/l	98
34) Benzene	6.025	78	102508	18.013	ug/l	98
35) Methacrylonitrile	4.910	41	20575	18.343	ug/l	97
36) 1,2-Dichloroethane	6.074	62	35686	18.316	ug/l	99
37) Trichloroethene	7.117	130	23875	17.933	ug/l	97
38) Methylcyclohexane	7.373	83	44760	18.370	ug/l	98
39) 1,2-Dichloropropane	7.421	63	24627	17.406	ug/l	98
40) Dibromomethane	7.574	93	18285	18.010	ug/l	99
41) Bromodichloromethane	7.812	83	35606	17.645	ug/l	98
42) Vinyl Acetate	3.709	43	365963	89.973	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	33559	17.072	ug/l	100
44) Isopropyl Acetate	6.330	43	58216	17.994	ug/l	98
45) 1,4-Dioxane	7.659	88	12655	376.282	ug/l	99
46) Methyl methacrylate	7.684	41	29063	18.320	ug/l	98
47) n-amyl Acetate	10.842	43	50309	17.920	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	33010	16.972	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	38512	17.491	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	24435	18.451	ug/l	96
51) Ethyl methacrylate	9.110	69	37245	17.882	ug/l	97
52) 1,3-Dichloropropane	9.305	76	41224	17.765	ug/l	97
53) Dibromochloromethane	9.519	129	25807	17.620	ug/l	96
54) 1,2-Dibromoethane	9.604	107	23689	17.616	ug/l	96
55) 2-Chloroethyl vinyl ether	8.232	63	91907	85.929	ug/l	100
56) Bromoform	10.799	173	15981	17.412	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	192103	93.175	ug/l	99
59) 2-Hexanone	9.427	43	142320	95.501	ug/l	99
61) Tetrachloroethene	9.269	164	19987	17.908	ug/l	95
62) Toluene	8.714	91	107324	17.876	ug/l	98
64) Chlorobenzene	10.073	112	66754	17.942	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	21314	17.362	ug/l	98
66) Ethyl Benzene	10.189	91	119085	18.117	ug/l	95
67) m/p-Xylenes	10.299	106	88668	36.205	ug/l	98
68) o-Xylene	10.634	106	44070	18.340	ug/l	97
69) Styrene	10.653	104	71782	17.886	ug/l	98
70) Isopropylbenzene	10.957	105	112344	18.117	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	37415	18.349	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	30477m	18.172	ug/l	
73) Bromobenzene	11.195	156	26006	18.218	ug/l	99
74) n-propylbenzene	11.299	91	134814	18.269	ug/l	100
75) 2-Chlorotoluene	11.360	91	80948	18.145	ug/l	100
76) 1,3,5-Trimethylbenzene	11.445	105	95320	18.633	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9008	15.964	ug/l	92
78) 4-Chlorotoluene	11.451	91	90166	18.131	ug/l	99
79) tert-butylbenzene	11.713	119	94943	18.420	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	94408	18.423	ug/l	99
81) sec-Butylbenzene	11.884	105	119426	18.461	ug/l	99
82) p-Isopropyltoluene	12.006	119	97575	18.616	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	48430	18.234	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	48160	18.390	ug/l	99
85) n-Butylbenzene	12.329	91	87176	18.213	ug/l	99
86) Hexachloroethane	12.536	117	16000	17.309	ug/l	100
87) 1,2-Dichlorobenzene	12.329	146	48245	18.513	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7064	17.893	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	28630	18.126	ug/l	98
90) Hexachlorobutadiene	13.719	225	12062	18.726	ug/l	99
91) Naphthalene	13.774	128	101756	18.271	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	28151	17.312	ug/l	97

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

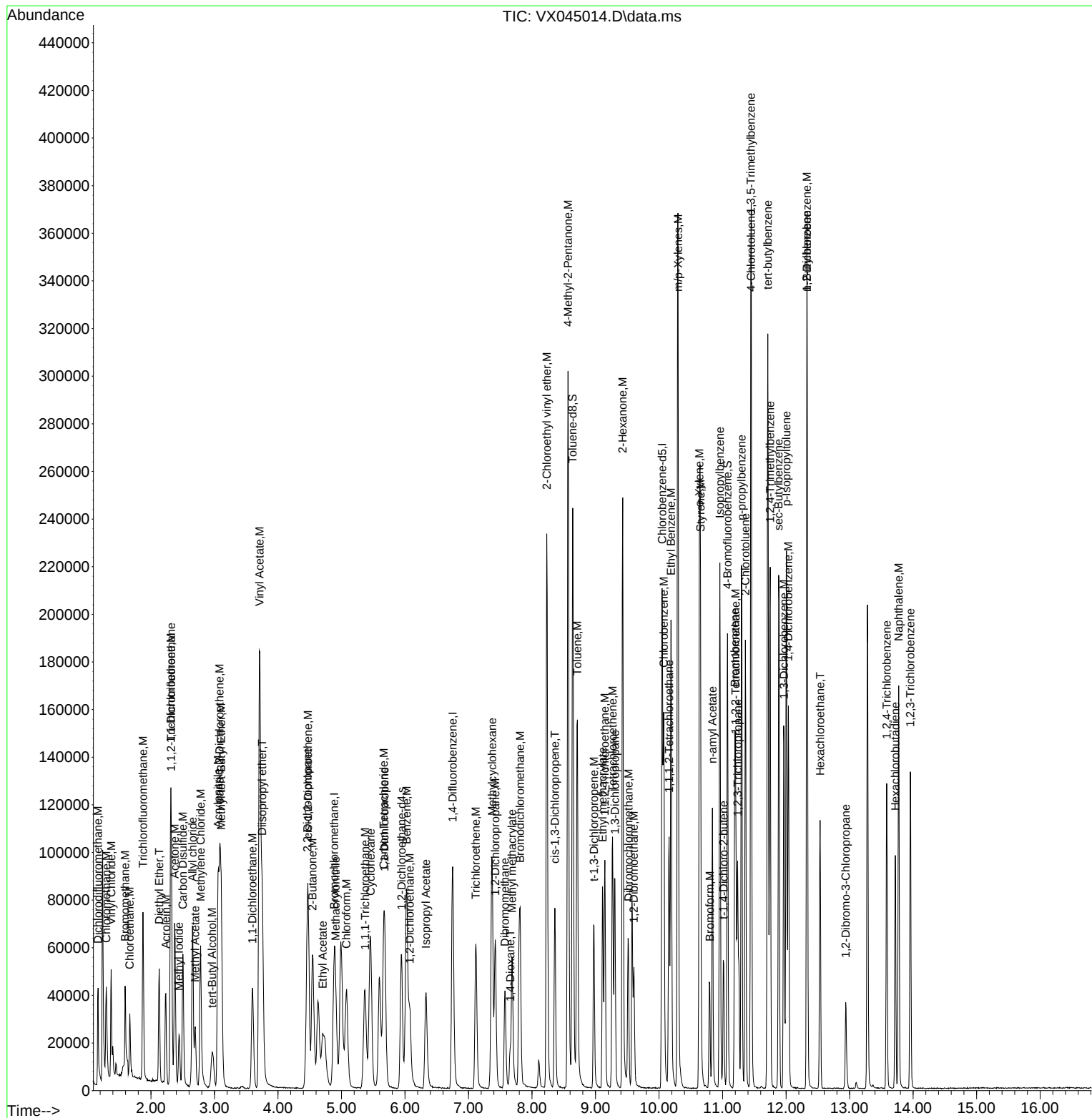
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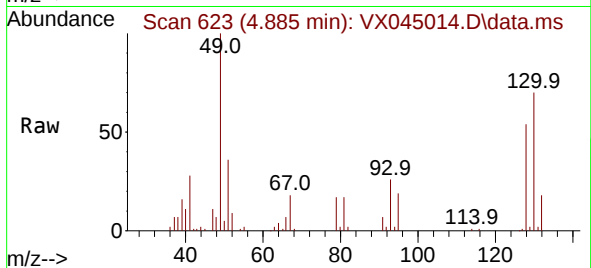
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045014.D
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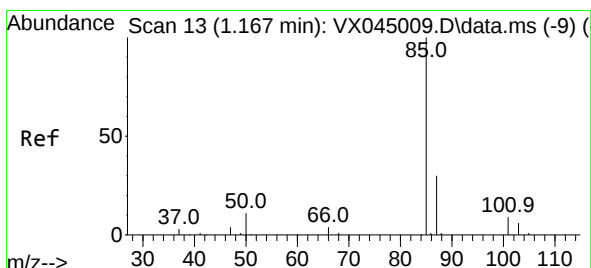
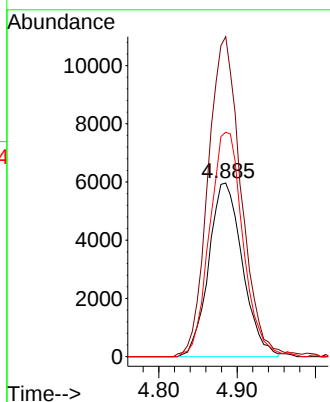
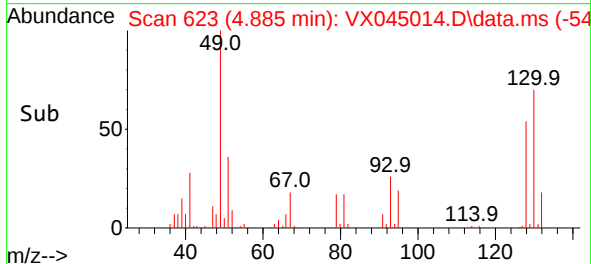
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion:128 Resp: 17820
Ion Ratio Lower Upper
128 100
49 181.1 0.0 449.7
130 128.1 0.0 312.7

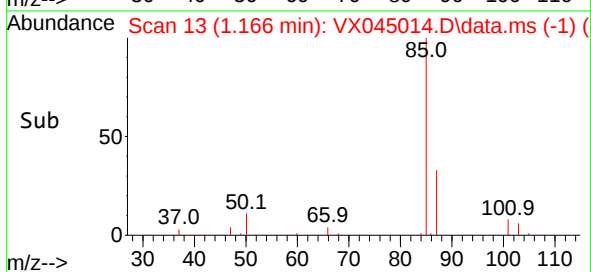
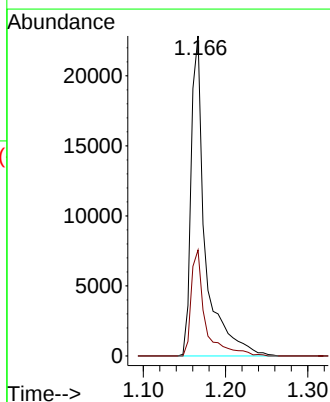
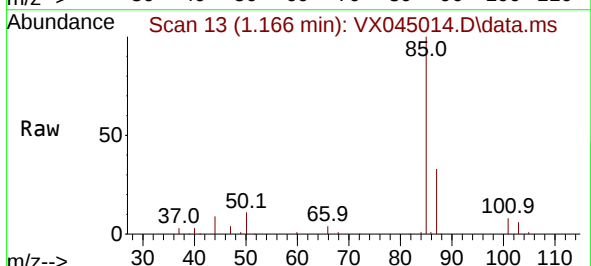
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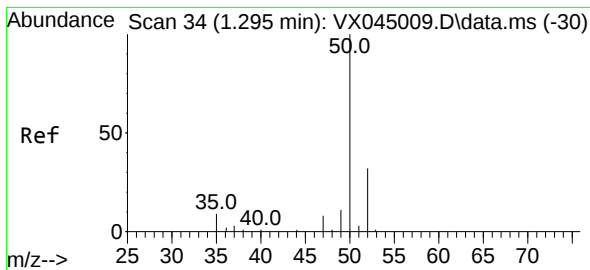
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#2
Dichlorodifluoromethane
Concen: 18.226 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 85 Resp: 27388
Ion Ratio Lower Upper
85 100
87 33.1 15.1 45.3





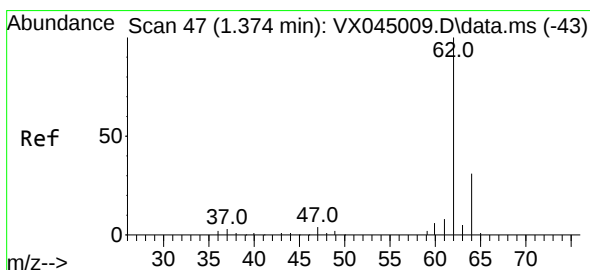
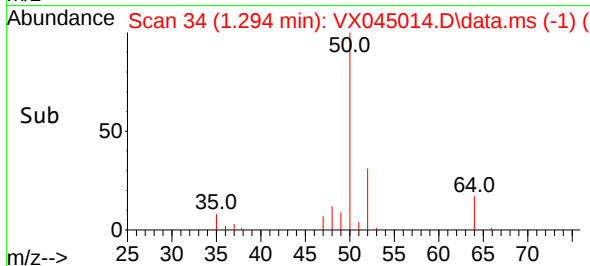
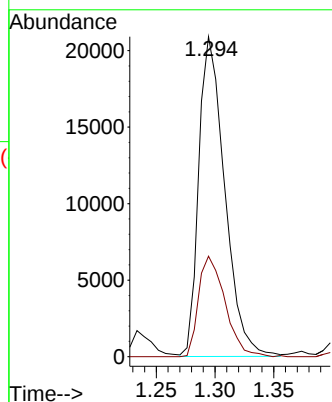
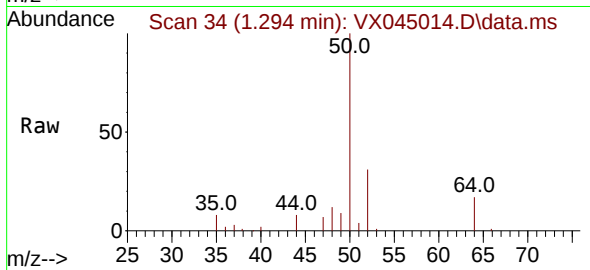
#3
Chloromethane
Concen: 17.873 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

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Tgt Ion: 50 Resp: 32169
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

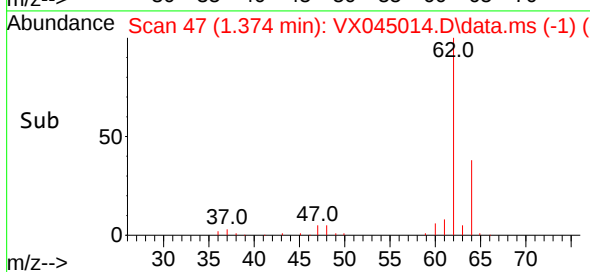
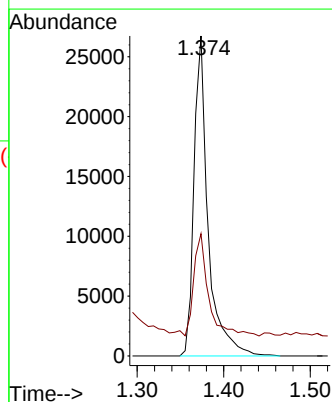
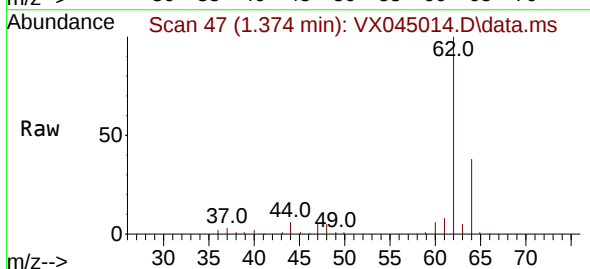
Manual Integrations
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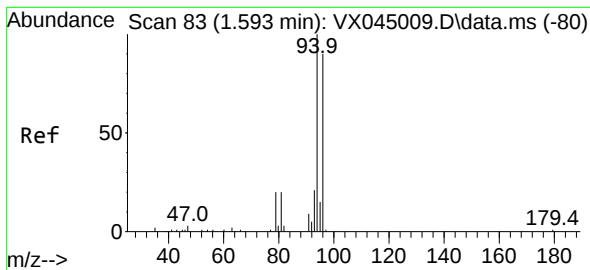
Reviewed By :John Carlone 02/24/2025
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#4
Vinyl Chloride
Concen: 17.401 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

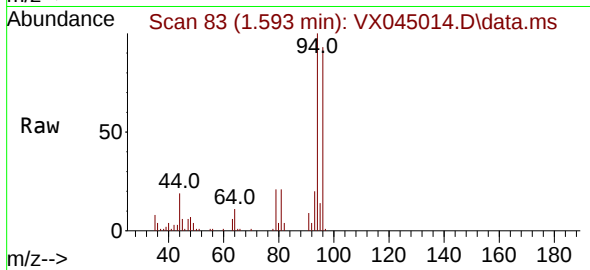
Tgt Ion: 62 Resp: 30221
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





#5
Bromomethane
Concen: 19.506 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

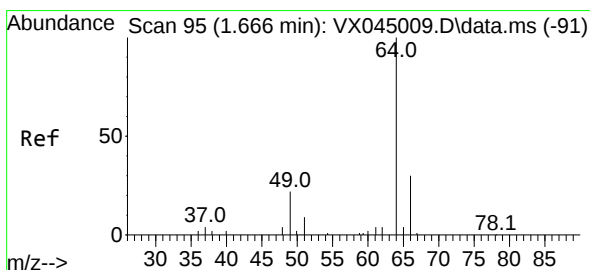
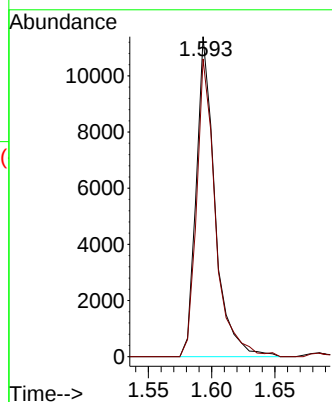
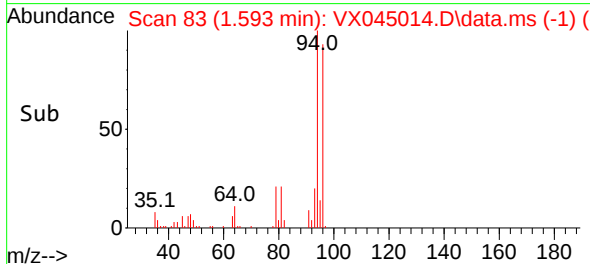
Instrument :
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ClientSampleId :
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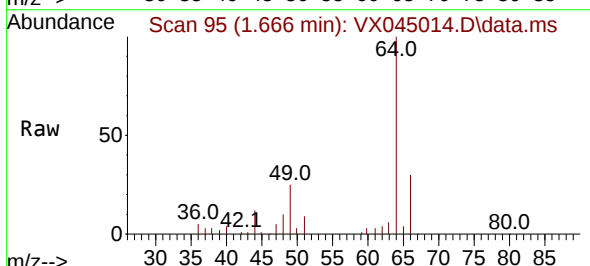
Tgt Ion: 94 Resp: 11792
Ion Ratio Lower Upper
94 100
96 93.1 72.2 108.4

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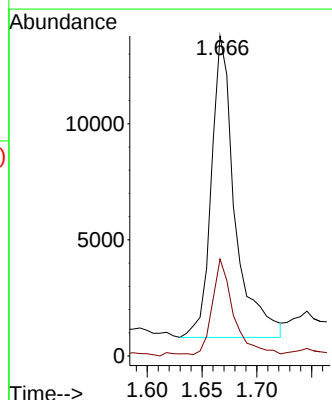
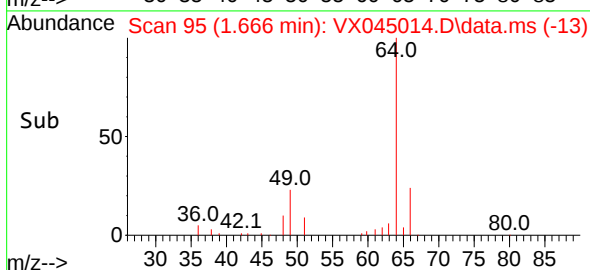
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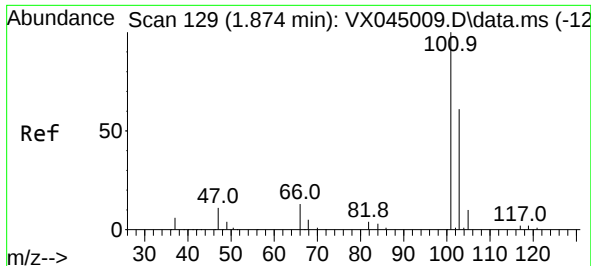


#6
Chloroethane
Concen: 20.662 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045014.D
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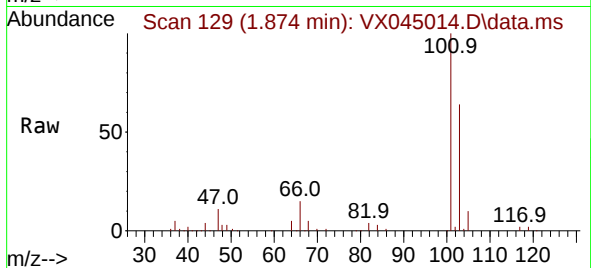
Tgt Ion: 64 Resp: 19435
Ion Ratio Lower Upper
64 100
66 31.5 23.7 35.5





#7
Trichlorofluoromethane
Concen: 17.793 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045014.D
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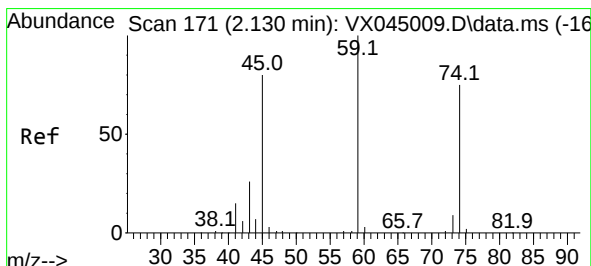
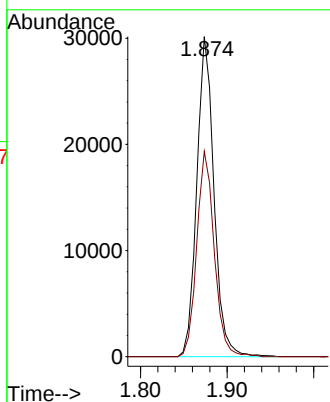
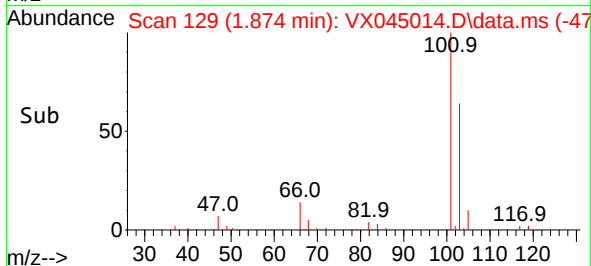
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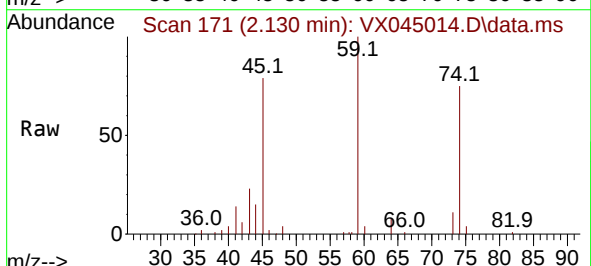
Tgt Ion:101 Resp: 41534
Ion Ratio Lower Upper
101 100
103 64.2 48.8 73.2

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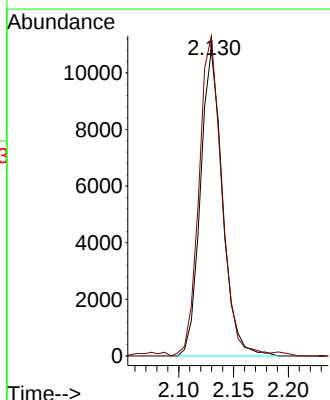
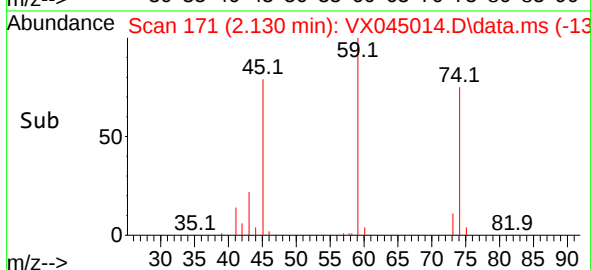
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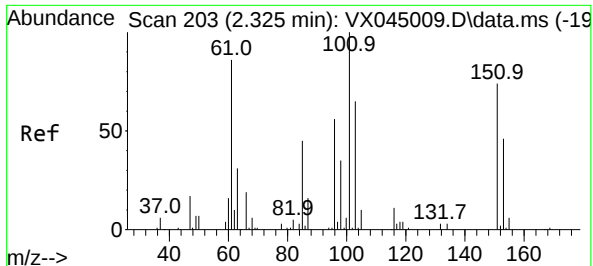


#8
Diethyl Ether
Concen: 17.214 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 15203
Ion Ratio Lower Upper
74 100
45 107.4 20.8 186.8





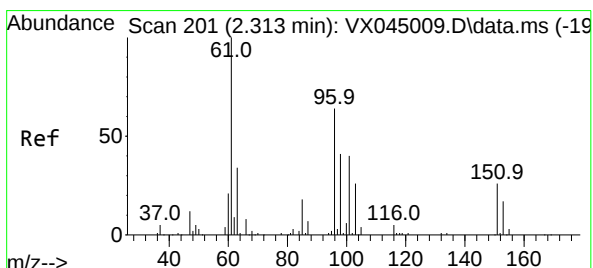
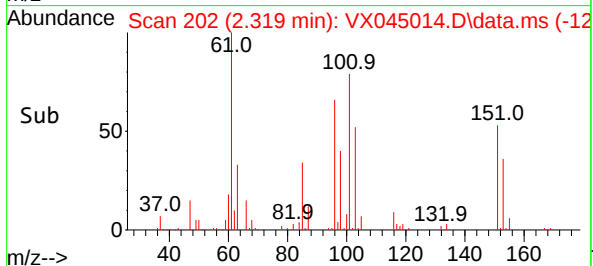
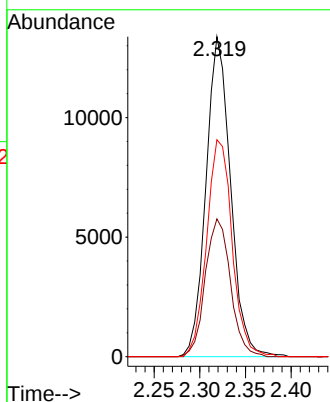
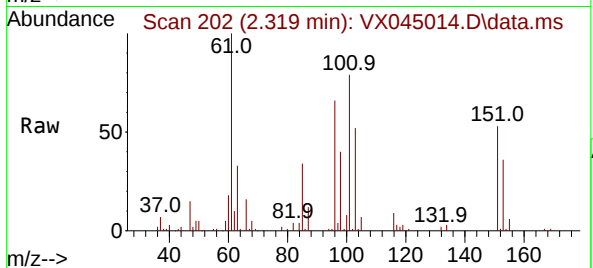
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.055 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
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Tgt Ion:101 Resp: 2503
Ion Ratio Lower Upper
101 100
85 44.1 0.0 90.6
151 70.2 0.0 147.6

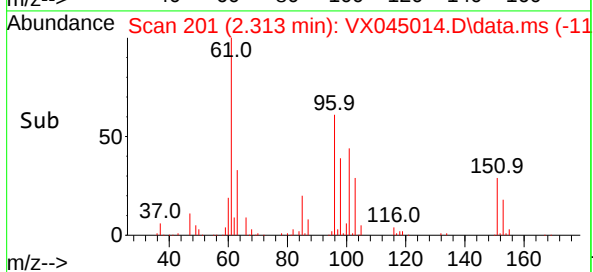
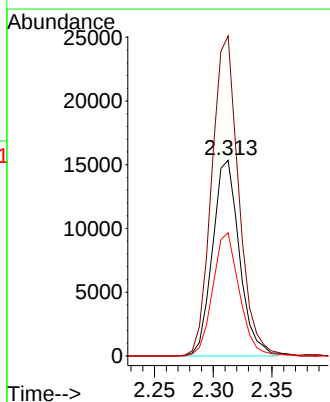
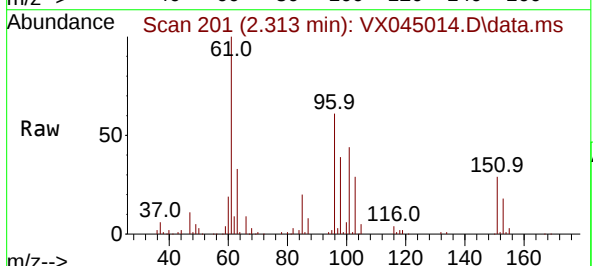
Manual Integrations
APPROVED

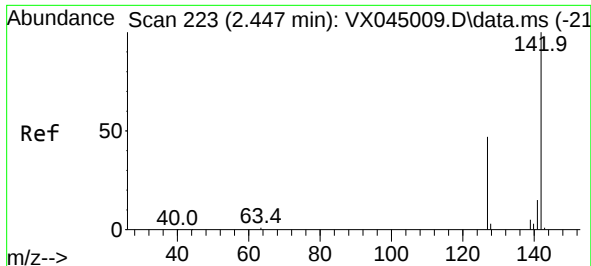
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#10
1,1-Dichloroethene
Concen: 18.088 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

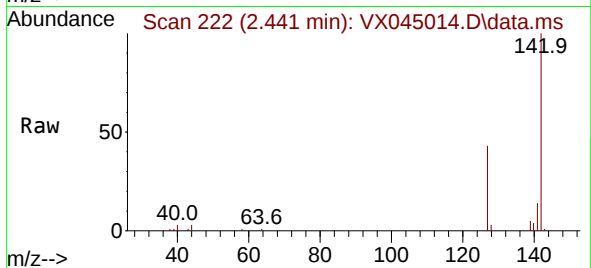
Tgt Ion: 96 Resp: 24494
Ion Ratio Lower Upper
96 100
61 163.5 124.2 186.2
98 63.0 51.1 76.7





#11
Methyl Iodide
Concen: 15.827 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

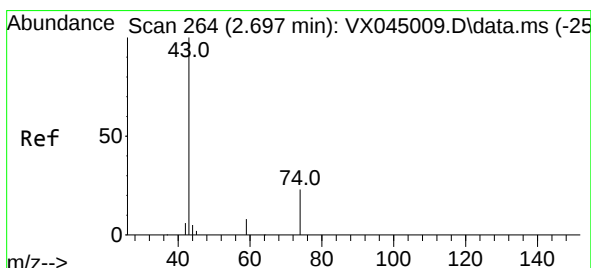
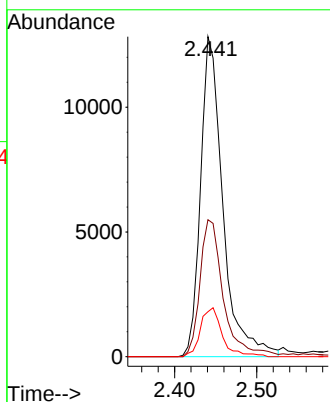
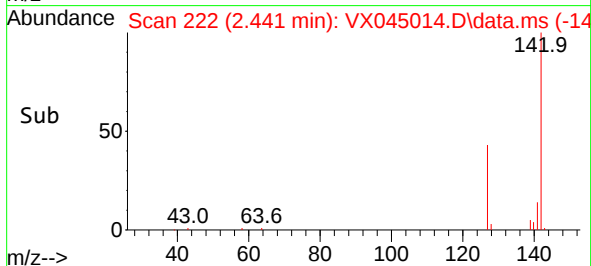
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion:142 Resp: 2425
Ion Ratio Lower Upper
142 100
127 42.9 23.3 69.9
141 14.2 7.5 22.6

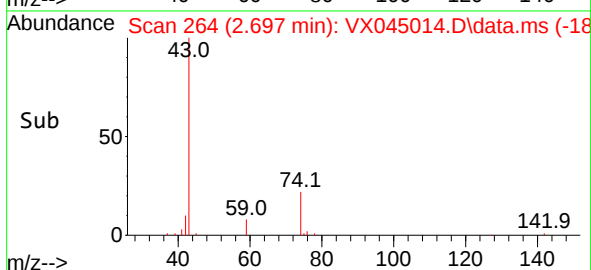
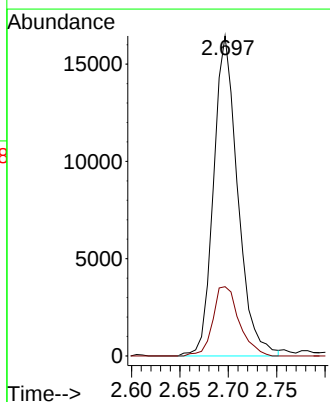
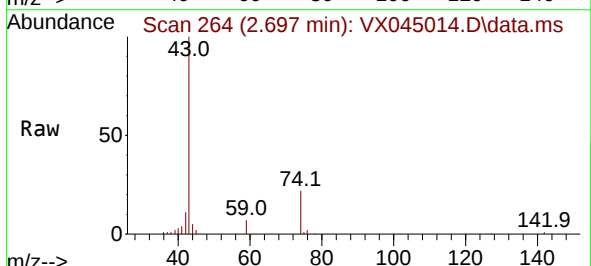
Manual Integrations
APPROVED

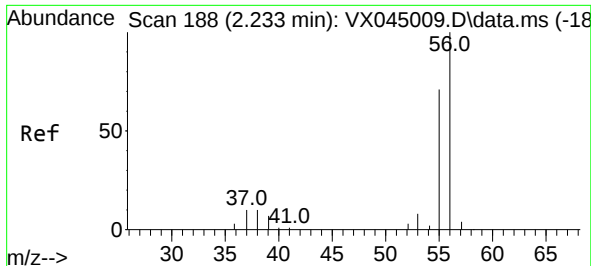
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#12
Methyl Acetate
Concen: 18.176 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 43 Resp: 28582
Ion Ratio Lower Upper
43 100
74 21.9 17.9 26.9





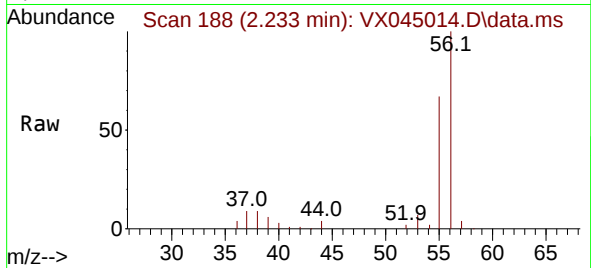
#13
Acrolein
Concen: 95.190 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

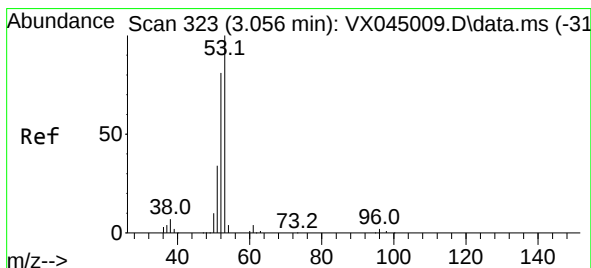
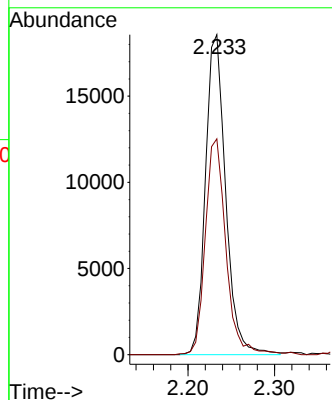


Tgt Ion: 56 Resp: 3000
Ion Ratio Lower Upper
56 100
55 69.0 55.4 83.2

Manual Integrations

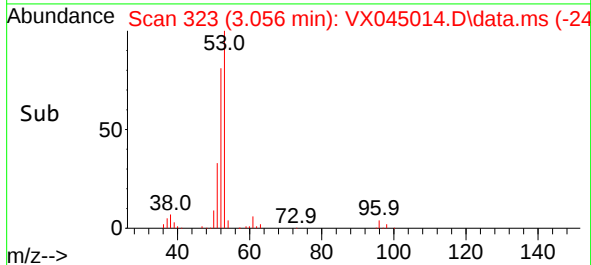
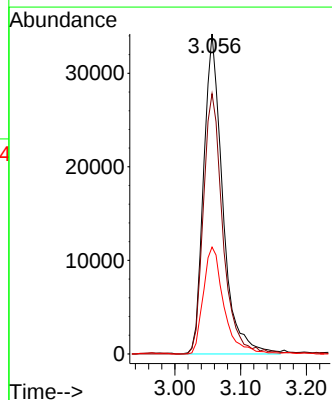
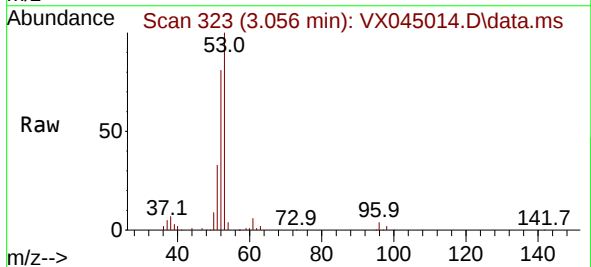
APPROVED

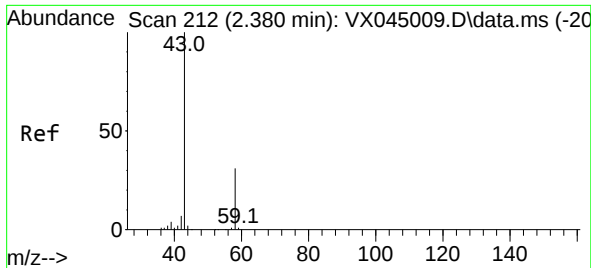
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#14
Acrylonitrile
Concen: 89.730 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

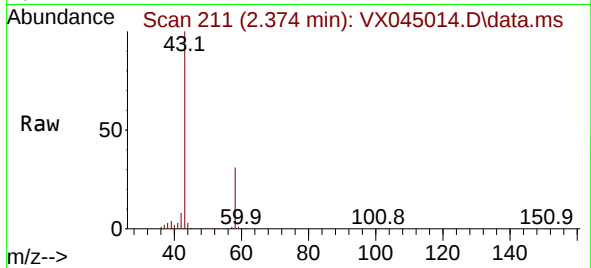
Tgt Ion: 53 Resp: 68921
Ion Ratio Lower Upper
53 100
52 82.6 40.9 122.8
51 35.7 18.0 54.0





#15
Acetone
Concen: 108.932 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

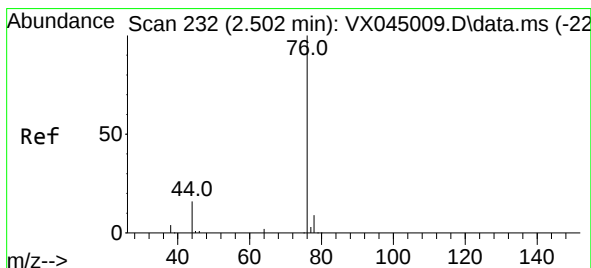
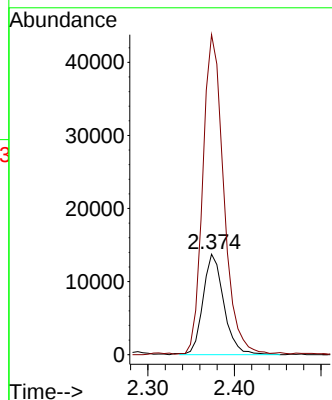
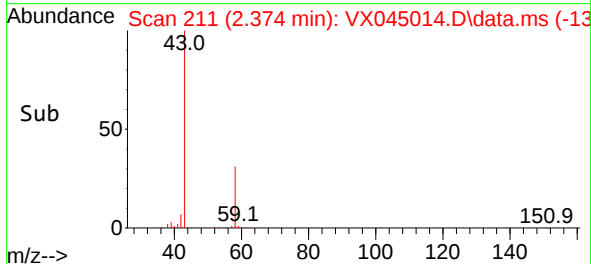
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



Tgt Ion: 58 Resp: 2294
Ion Ratio Lower Upper
58 100
43 317.3 258.6 388.0

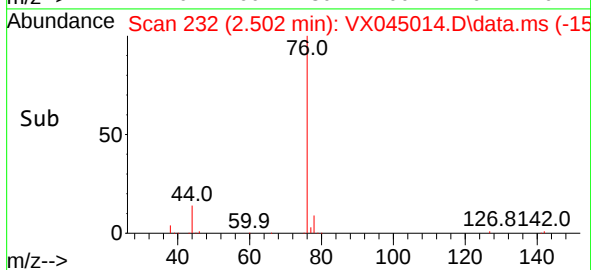
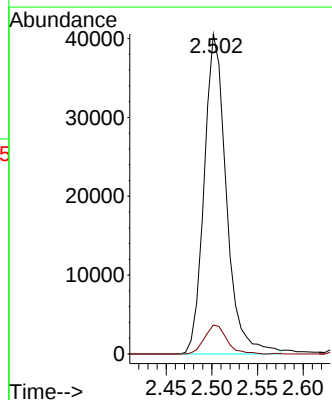
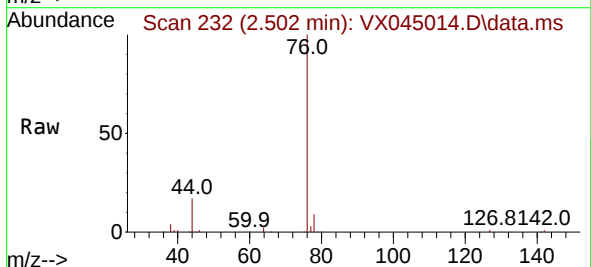
Manual Integrations
APPROVED

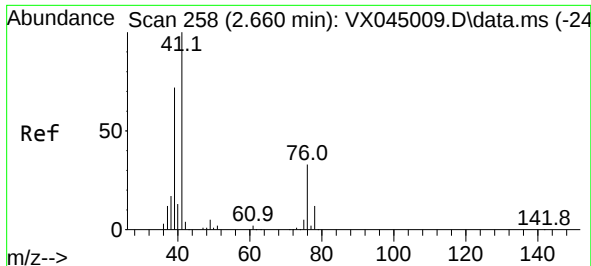
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Carbon Disulfide
Concen: 17.896 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 76 Resp: 68739
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





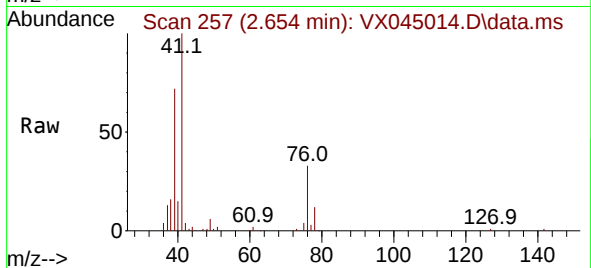
#17
 Allyl chloride
 Concen: 17.812 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045014.D
 Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

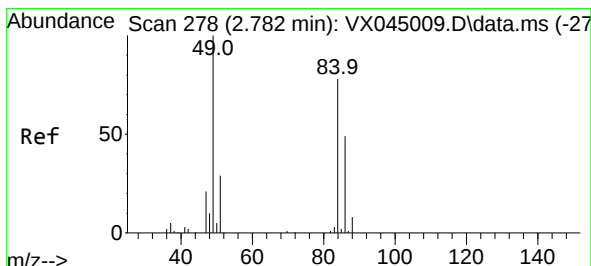
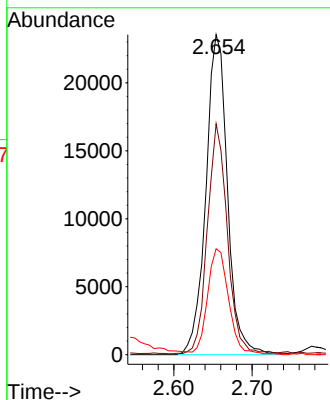
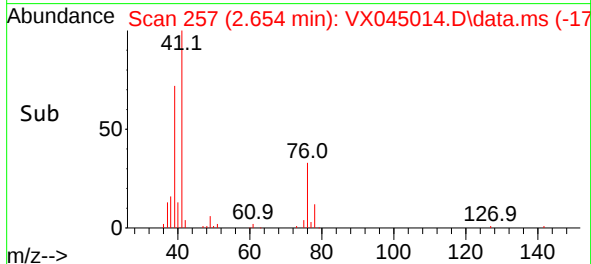


Tgt Ion: 41 Resp: 4511
 Ion Ratio Lower Upper
 41 100
 39 71.7 36.2 108.6
 76 32.9 17.2 51.5

Manual Integrations

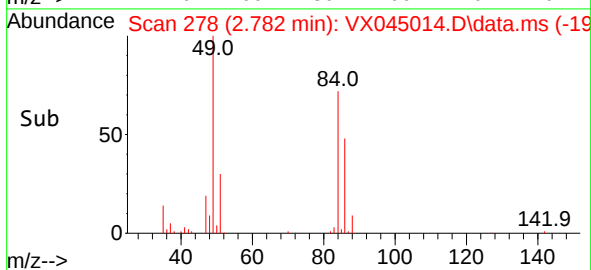
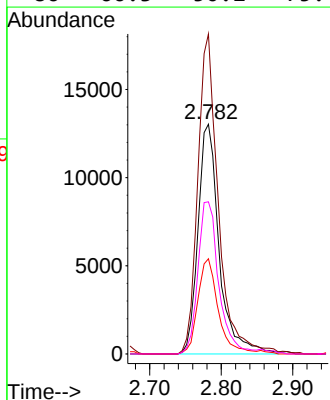
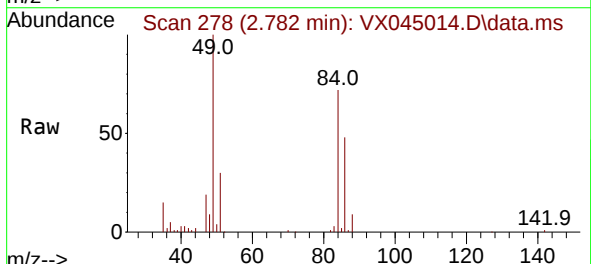
APPROVED

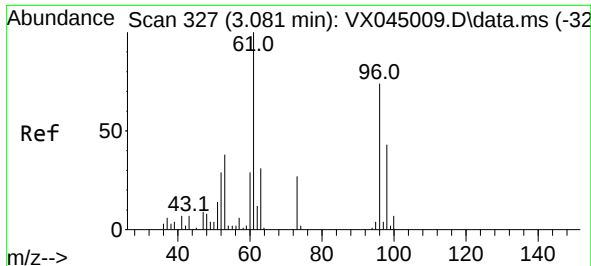
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#18
 Methylene Chloride
 Concen: 17.621 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045014.D
 Acq: 21 Feb 2025 13:09

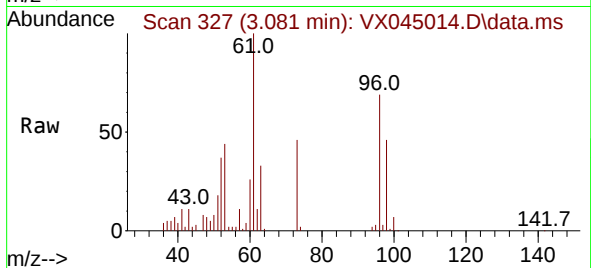
Tgt Ion: 84 Resp: 26839
 Ion Ratio Lower Upper
 84 100
 49 139.3 102.8 154.2
 51 41.4 30.1 45.1
 86 66.3 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 17.825 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

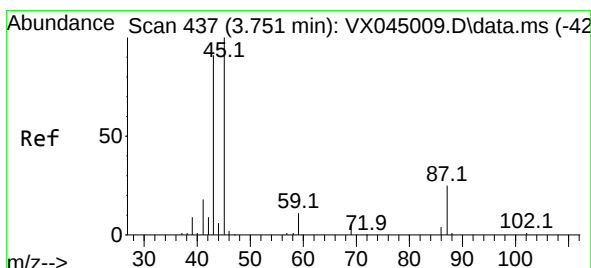
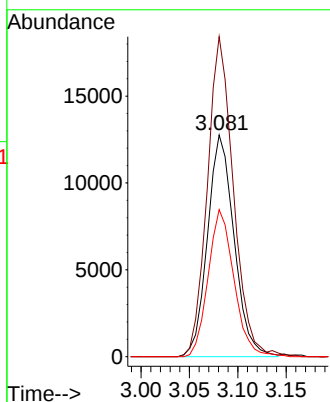
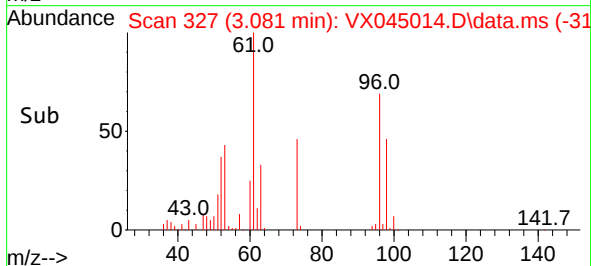
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion: 96 Resp: 2442
Ion Ratio Lower Upper
96 100
61 144.3 108.6 163.0
98 66.3 46.5 69.7

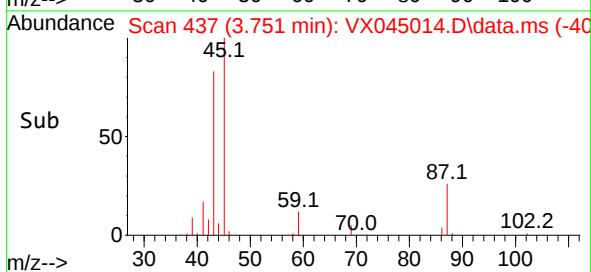
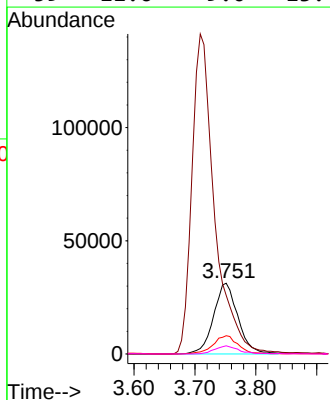
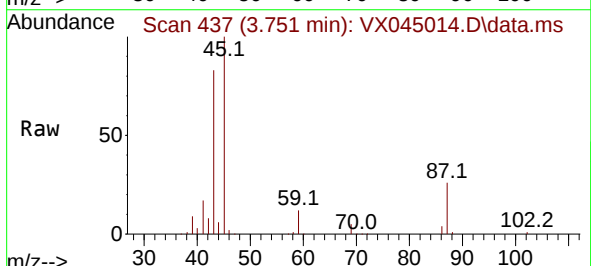
Manual Integrations
APPROVED

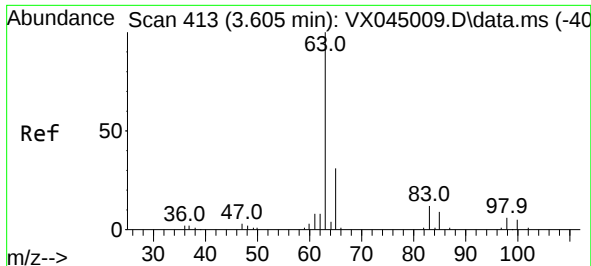
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#20
Diisopropyl ether
Concen: 17.850 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 45 Resp: 86878
Ion Ratio Lower Upper
45 100
43 79.8 74.4 111.6
87 25.8 19.8 29.8
59 11.6 9.0 13.4





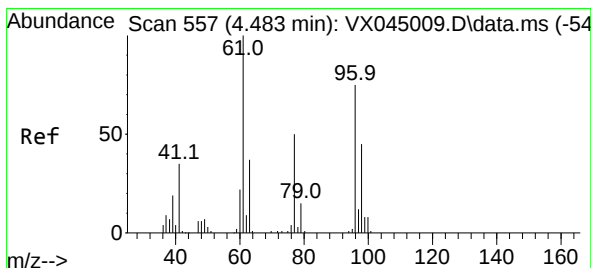
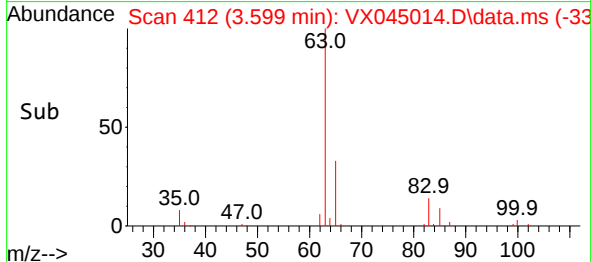
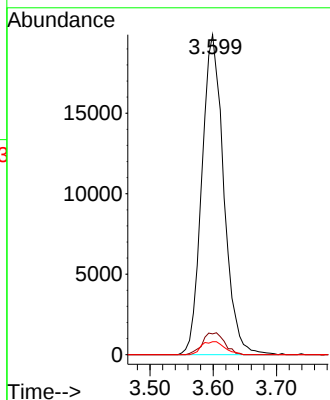
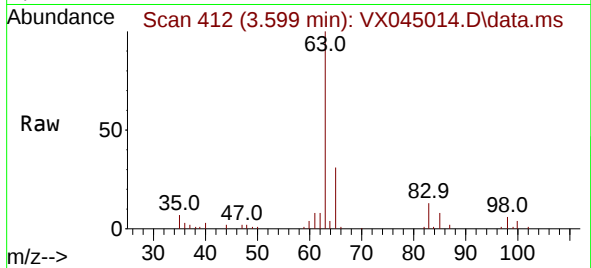
#21
1,1-Dichloroethane
Concen: 17.693 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125

Tgt Ion: 63 Resp: 47892
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.8
100 4.0 2.4 7.1

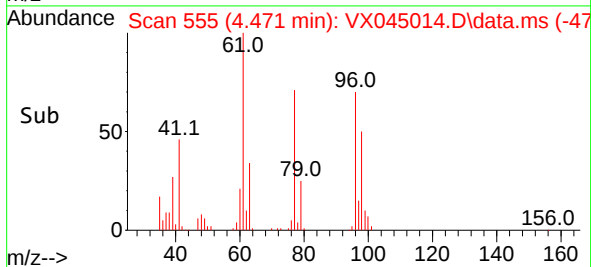
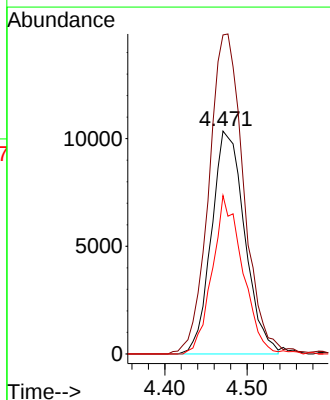
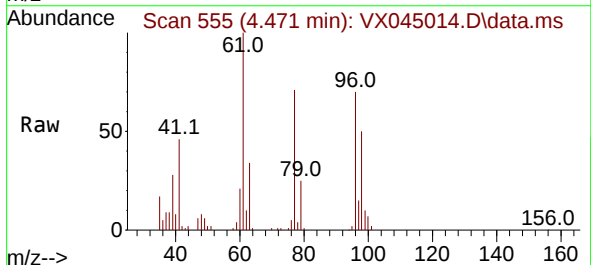
Manual Integrations
APPROVED

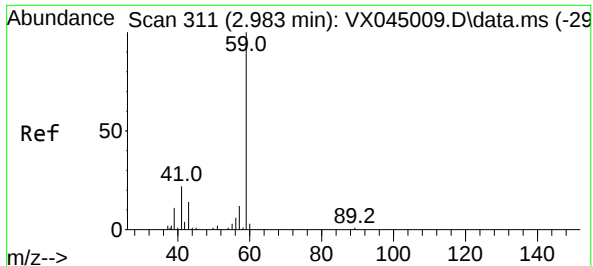
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#22
cis-1,2-Dichloroethene
Concen: 17.695 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.012 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

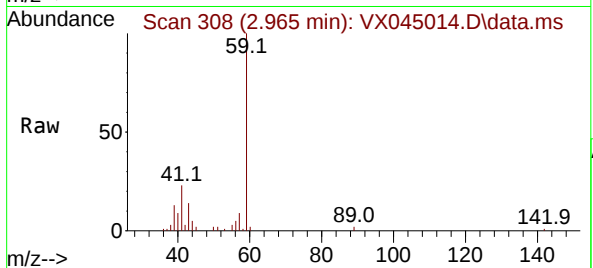
Tgt Ion: 96 Resp: 29051
Ion Ratio Lower Upper
96 100
61 149.8 118.9 178.3
98 64.7 50.7 76.1





#23
tert-Butyl Alcohol
Concen: 92.286 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

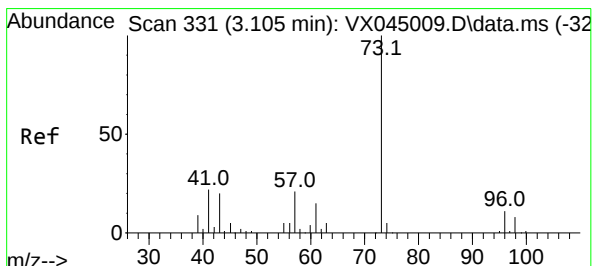
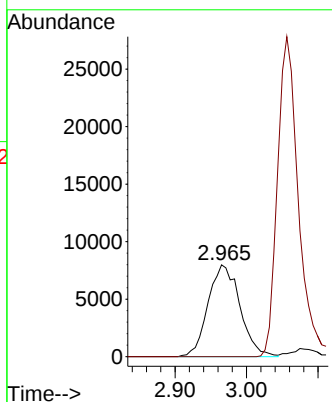
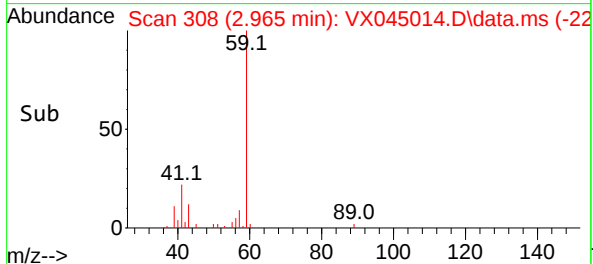
Instrument : MSVOA_X
ClientSampleId : ICVVX022125



Tgt Ion: 59 Resp: 24740
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

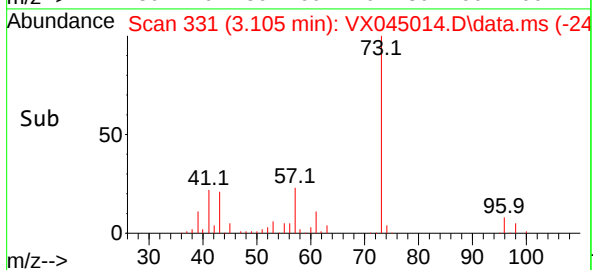
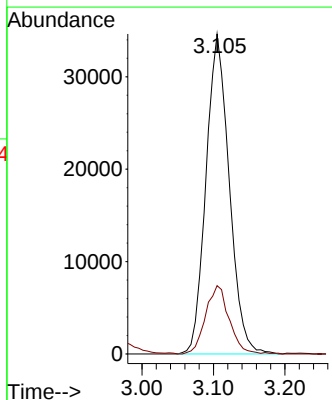
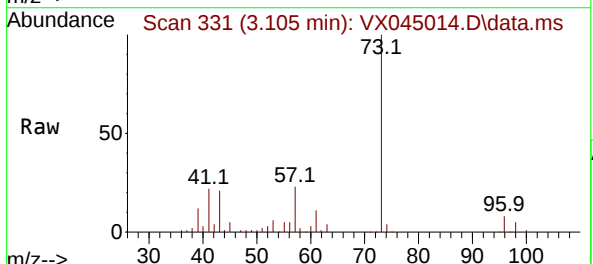
Manual Integrations
APPROVED

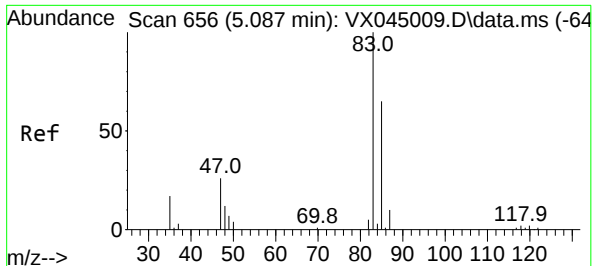
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#24
Methyl tert-Butyl Ether
Concen: 17.690 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 73 Resp: 78186
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.0





#25

Chloroform

Concen: 17.943 ug/l

RT: 5.074 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

Tgt Ion: 83 Resp: 4691

Ion Ratio Lower Upper

83 100

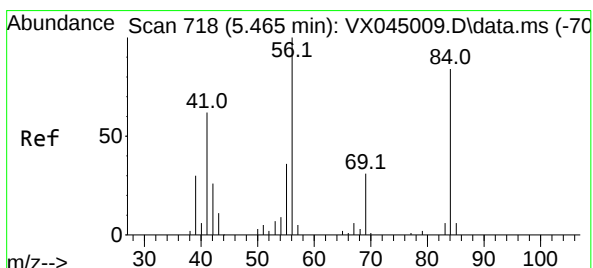
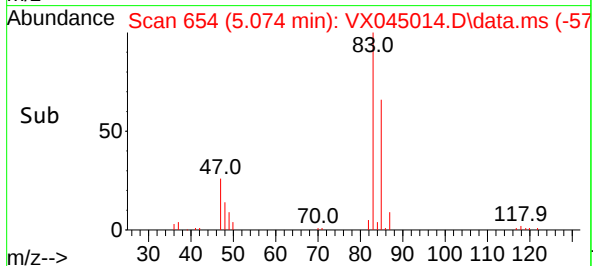
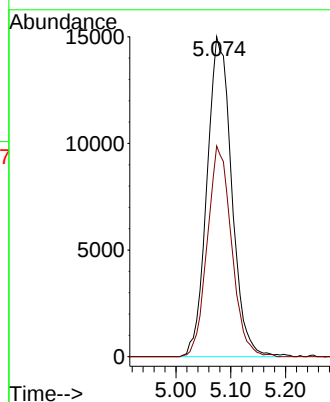
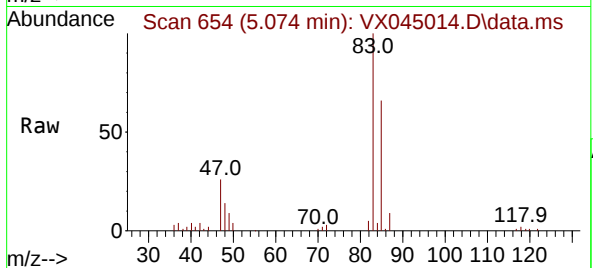
85 65.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#26

Cyclohexane

Concen: 17.890 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

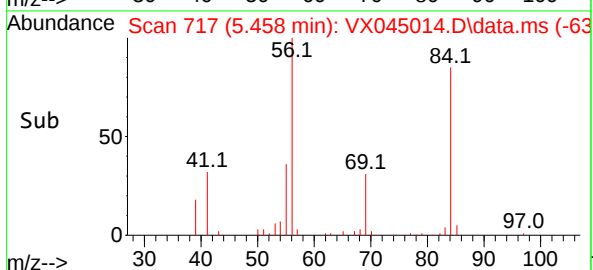
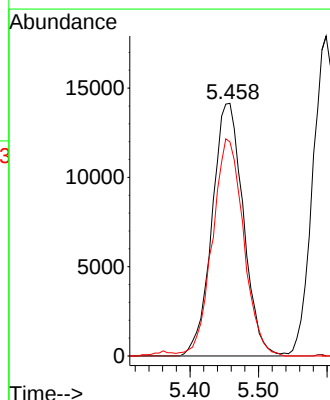
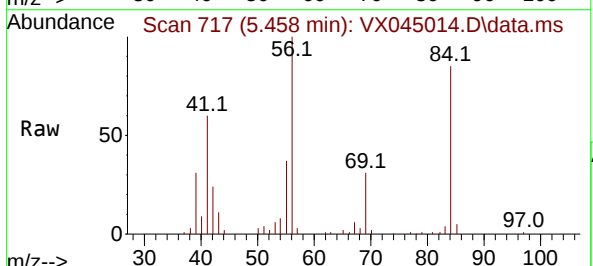
Tgt Ion: 56 Resp: 44699

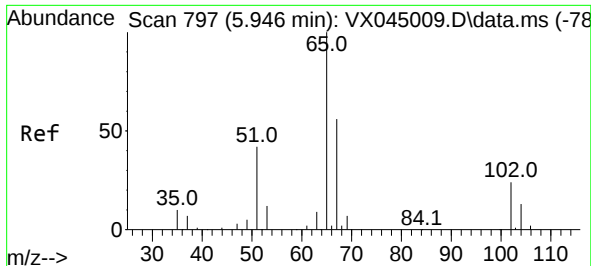
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.8 67.1 100.7





#27
1,2-Dichloroethane-d4
Concen: 29.736 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

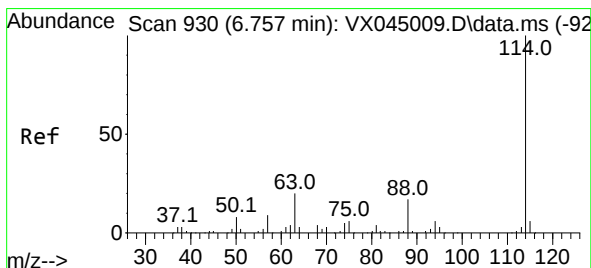
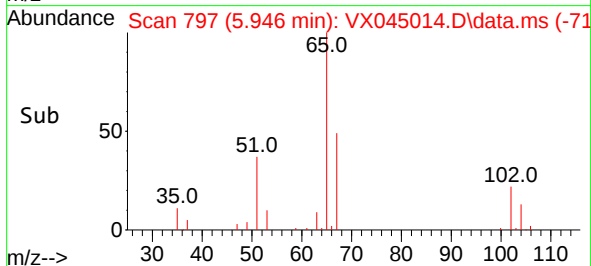
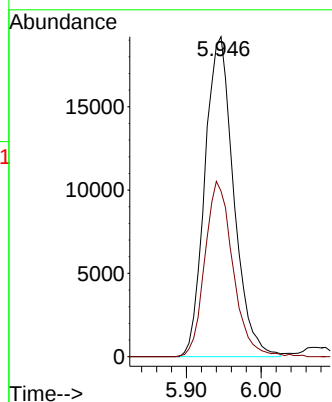
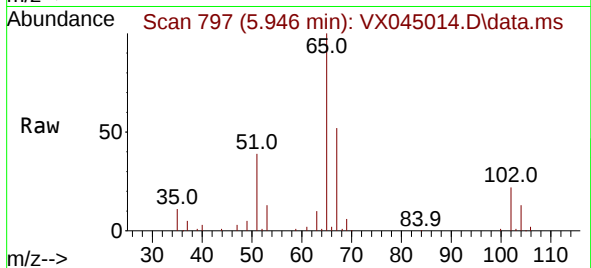
ICVVX022125

Tgt Ion: 65 Resp: 5148
Ion Ratio Lower Upper
65 100
67 53.2 42.6 64.0

Manual Integrations

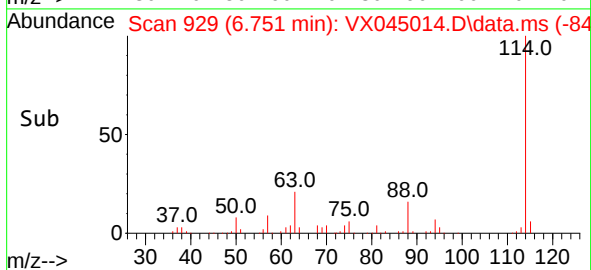
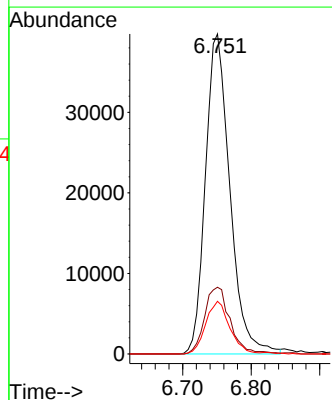
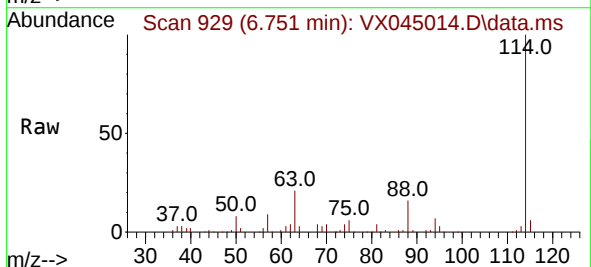
APPROVED

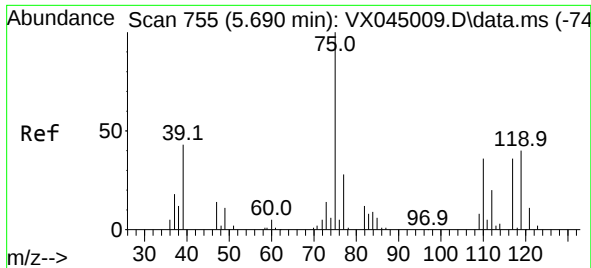
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion:114 Resp: 98652
Ion Ratio Lower Upper
114 100
63 21.3 16.8 25.2
88 16.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 17.969 ug/l

RT: 5.678 min Scan# 755

Delta R.T. -0.012 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

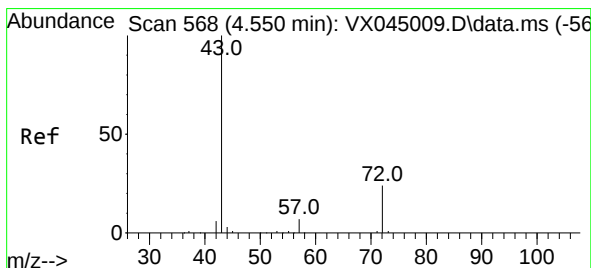
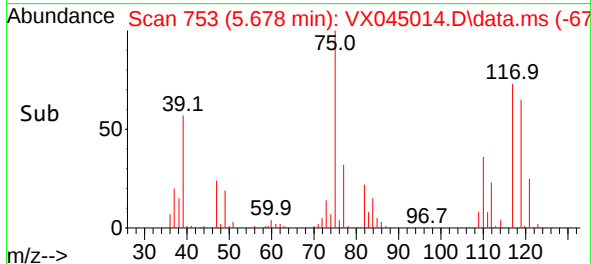
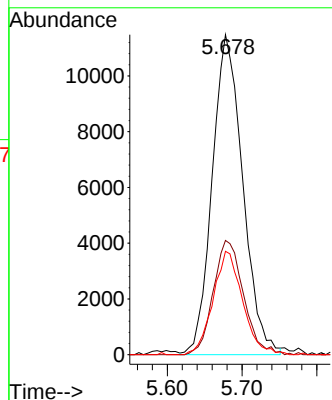
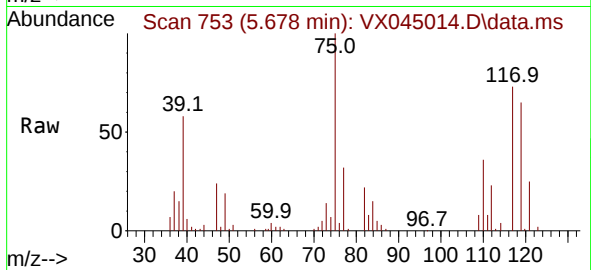
Tgt Ion:	75	Resp:	32608
Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	69.2
77	31.1	0.0	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#30

2-Butanone

Concen: 96.206 ug/l

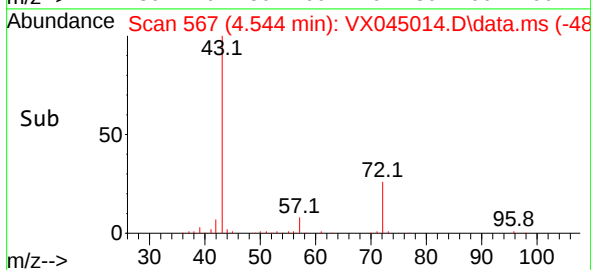
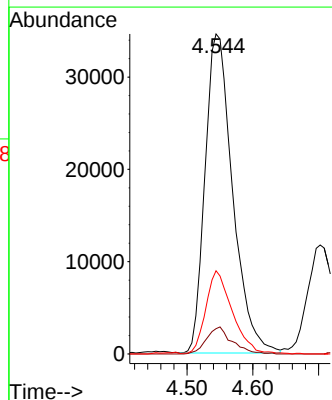
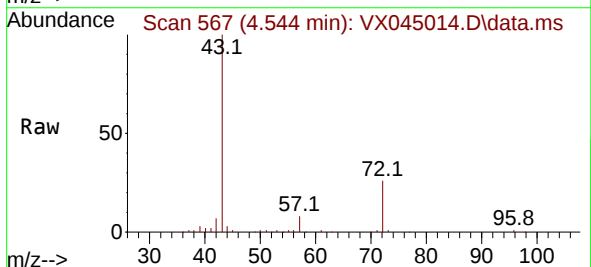
RT: 4.544 min Scan# 567

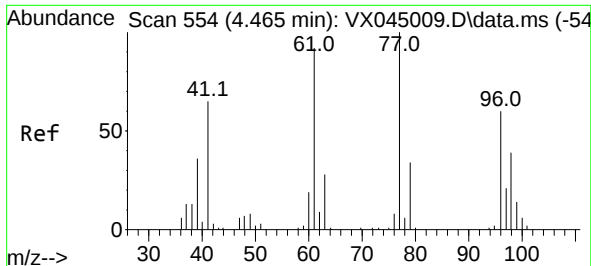
Delta R.T. -0.006 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Tgt Ion:	43	Resp:	100841
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.2
72	24.4	20.2	30.2





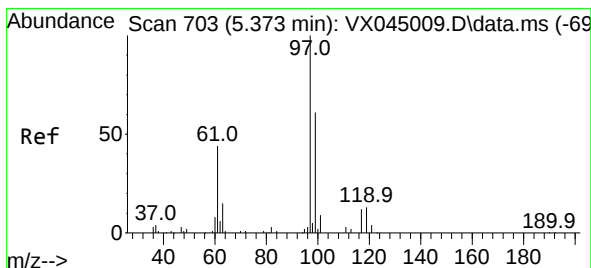
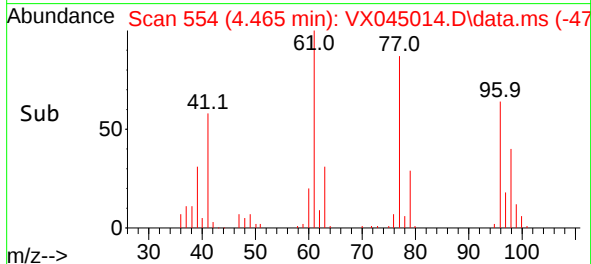
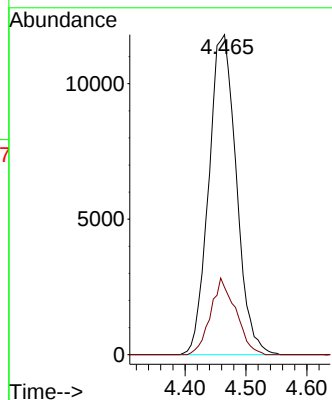
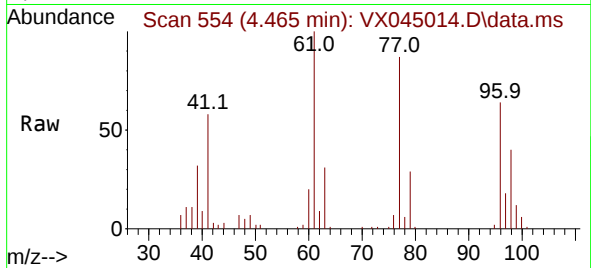
#31
2,2-Dichloropropane
Concen: 18.104 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVX022125

Tgt Ion: 77 Resp: 37149
Ion Ratio Lower Upper
77 100
97 21.9 18.0 27.0

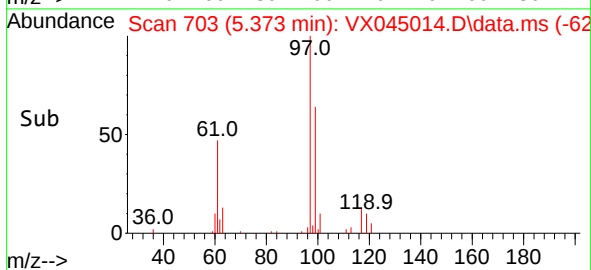
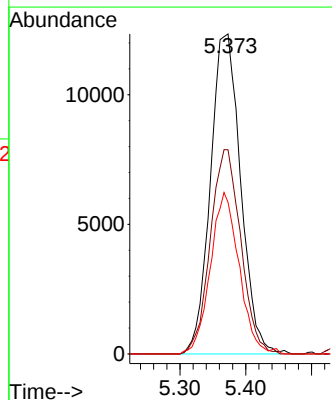
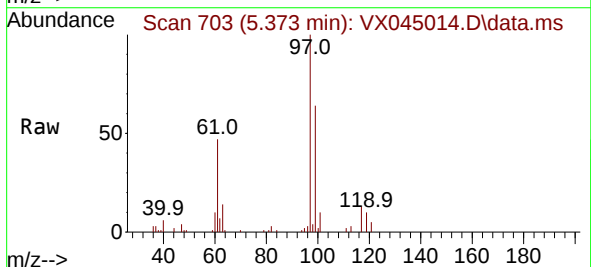
Manual Integrations
APPROVED

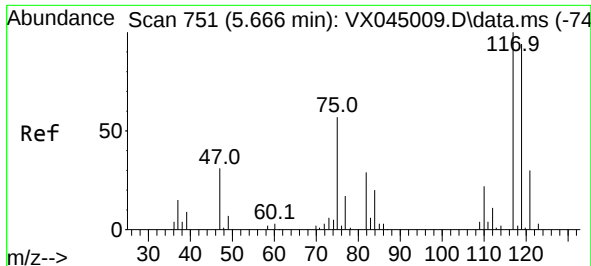
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#32
1,1,1-Trichloroethane
Concen: 17.945 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

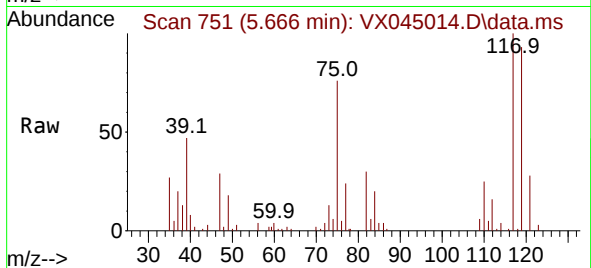
Tgt Ion: 97 Resp: 39458
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 47.7 38.5 57.7





#33
Carbon Tetrachloride
Concen: 18.080 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

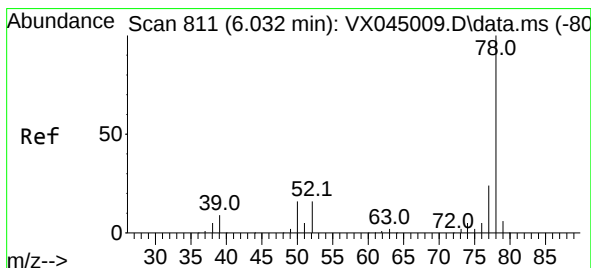
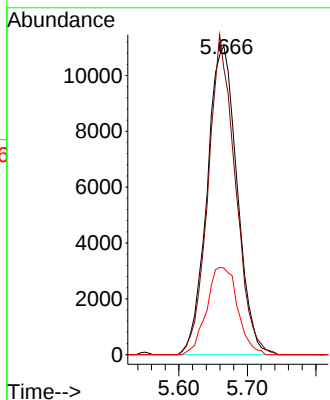
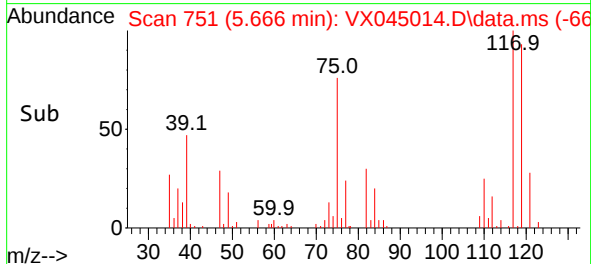
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



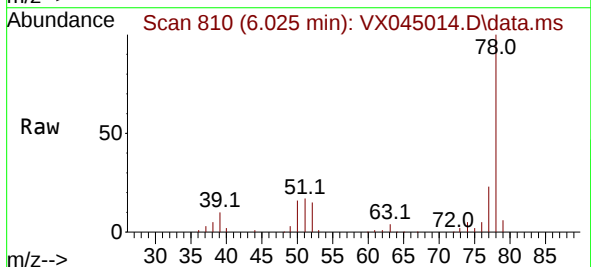
Tgt Ion:117 Resp: 3355
Ion Ratio Lower Upper
117 100
119 92.8 75.1 112.7
121 28.1 23.9 35.9

Manual Integrations
APPROVED

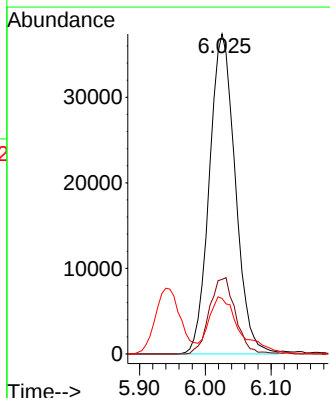
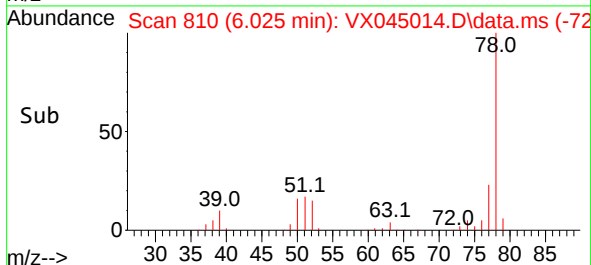
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#34
Benzene
Concen: 18.013 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



Tgt Ion: 78 Resp: 102508
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4
51 16.4 13.8 20.6





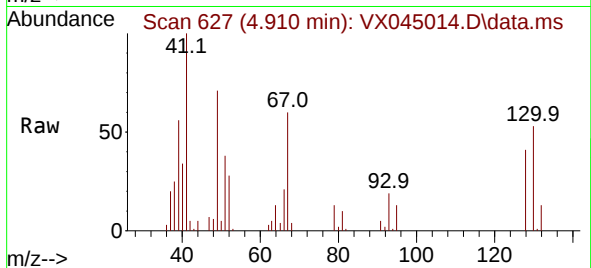
#35
Methacrylonitrile
Concen: 18.343 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVX022125



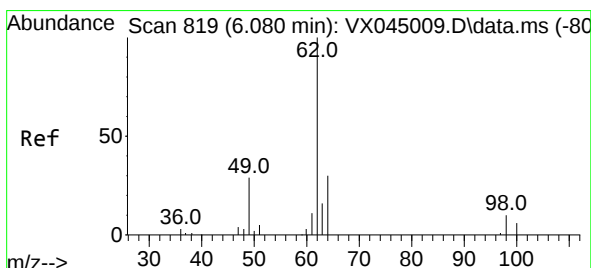
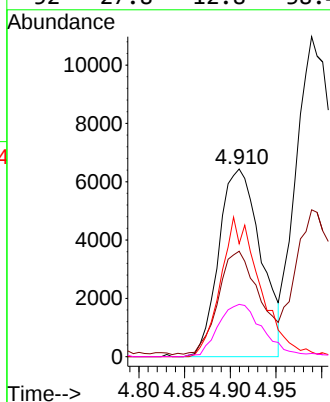
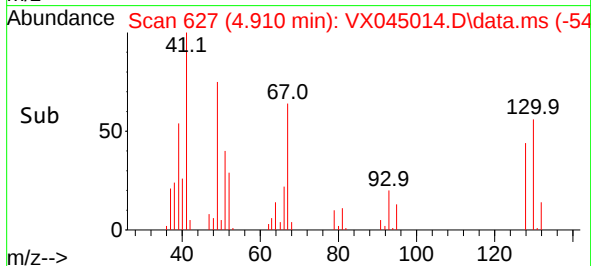
Tgt Ion: 41 Resp: 2057
Ion Ratio Lower Upper
41 100
39 54.4 27.8 83.4
67 60.2 31.5 94.5
52 27.8 12.8 38.4

Manual Integrations

APPROVED

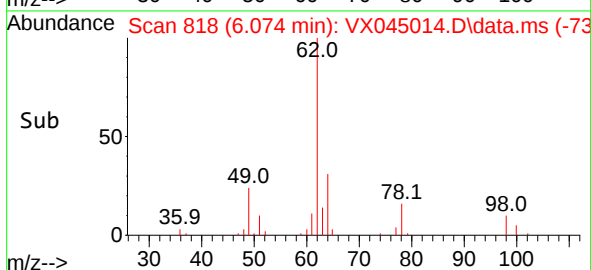
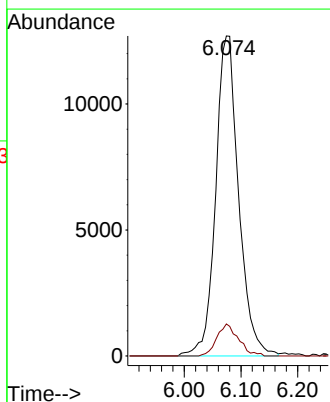
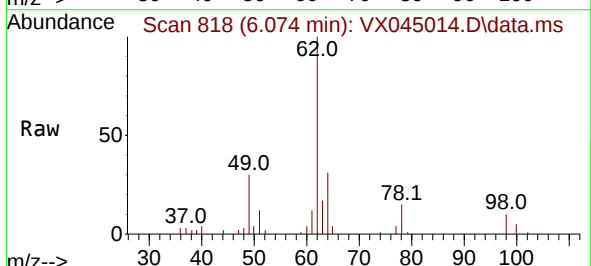
Reviewed By :John Carlone 02/24/2025

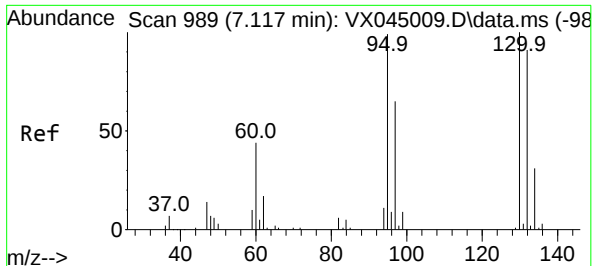
Supervised By :Mahesh Dadoda 02/24/2025



#36
1,2-Dichloroethane
Concen: 18.316 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

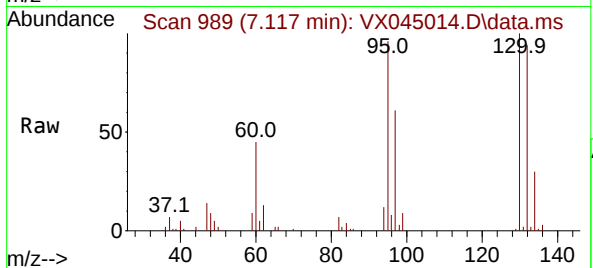
Tgt Ion: 62 Resp: 35686
Ion Ratio Lower Upper
62 100
98 9.4 7.9 11.9





#37
Trichloroethene
Concen: 17.933 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

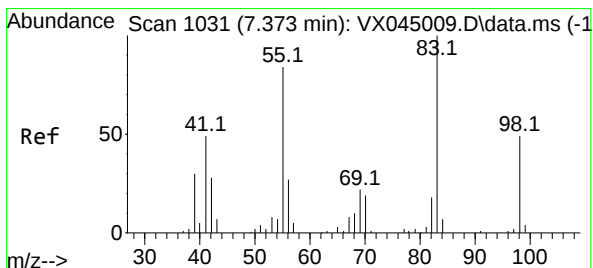
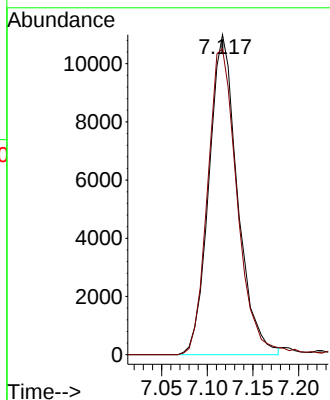
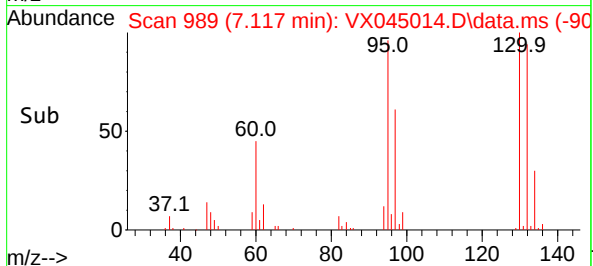
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



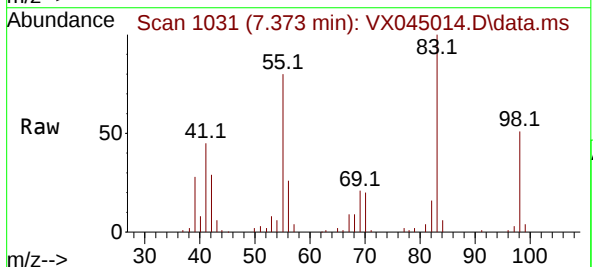
Tgt Ion:130 Resp: 23875
Ion Ratio Lower Upper
130 100
95 95.6 79.0 118.4

Manual Integrations
APPROVED

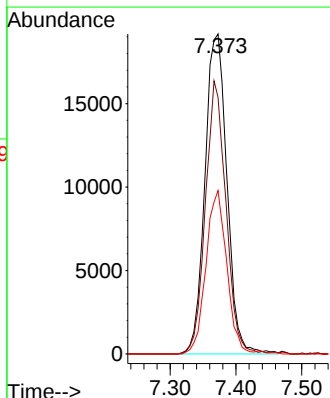
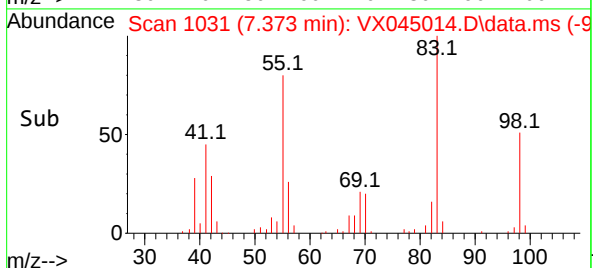
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

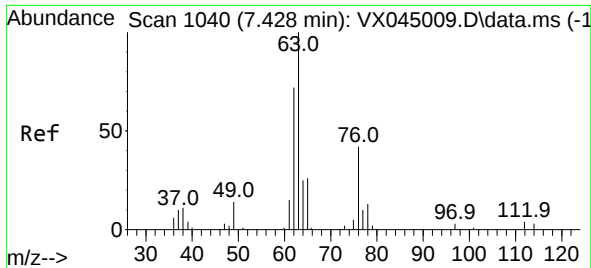


#38
Methylcyclohexane
Concen: 18.370 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



Tgt Ion: 83 Resp: 44760
Ion Ratio Lower Upper
83 100
55 79.4 40.6 122.0
98 48.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 17.406 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVX022125

Tgt Ion: 63 Resp: 2462

Ion Ratio Lower Upper

63 100

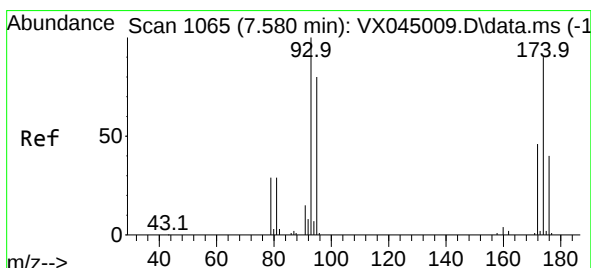
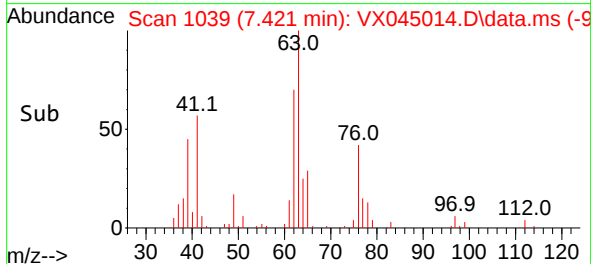
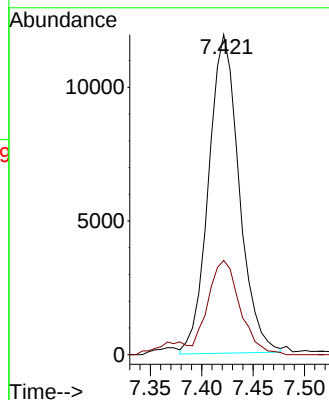
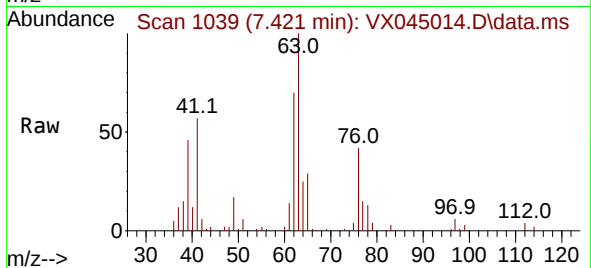
65 29.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#40

Dibromomethane

Concen: 18.010 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

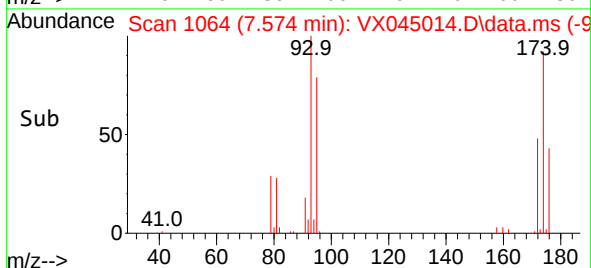
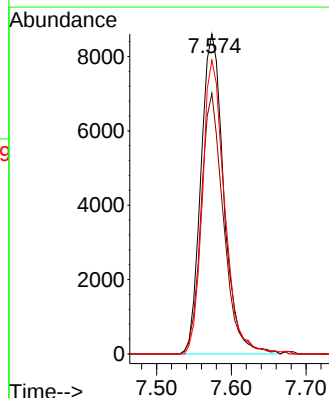
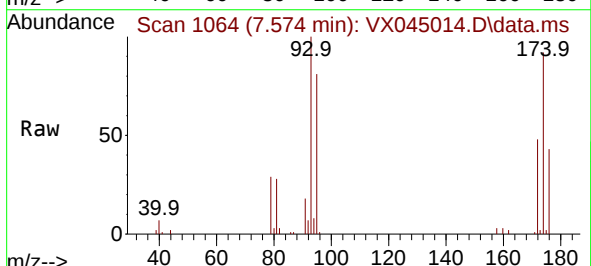
Tgt Ion: 93 Resp: 18285

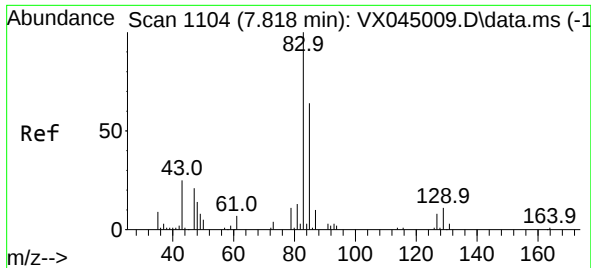
Ion Ratio Lower Upper

93 100

95 79.9 0.0 162.6

174 88.9 0.0 178.8





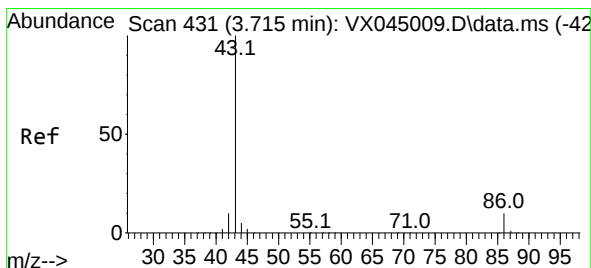
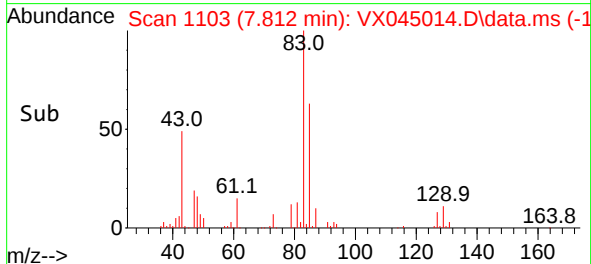
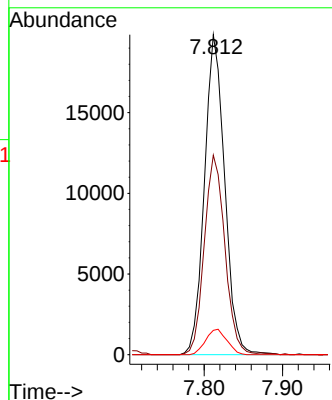
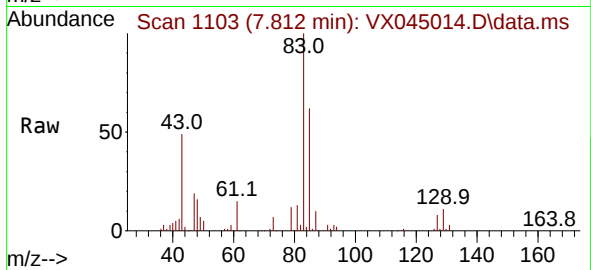
#41
Bromodichloromethane
Concen: 17.645 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVX022125

Tgt Ion: 83 Resp: 35600
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.6
127 7.6 6.1 9.1

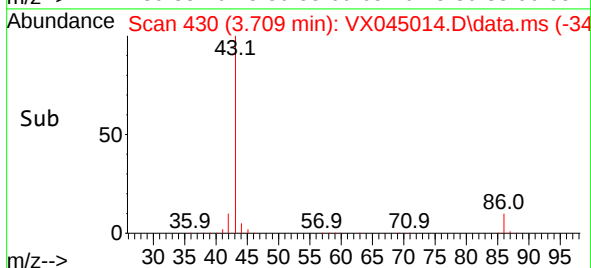
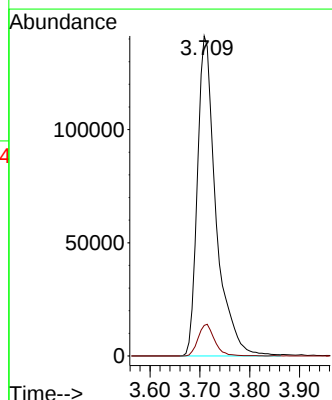
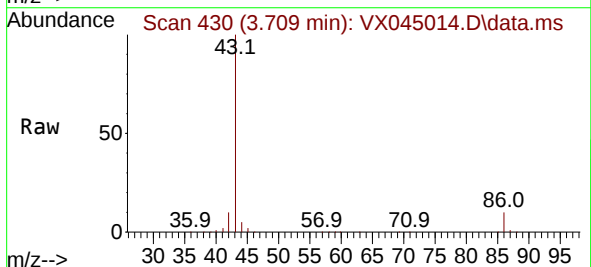
Manual Integrations
APPROVED

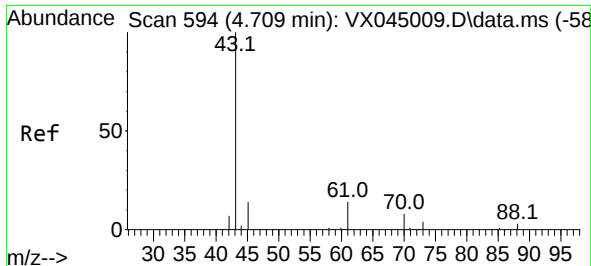
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#42
Vinyl Acetate
Concen: 89.973 ug/l
RT: 3.709 min Scan# 430
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

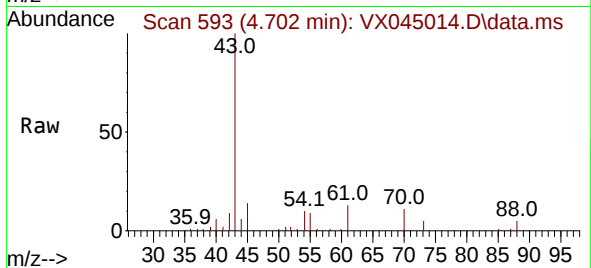
Tgt Ion: 43 Resp: 365963
Ion Ratio Lower Upper
43 100
86 8.7 7.0 10.4





#43
Ethyl Acetate
Concen: 17.072 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

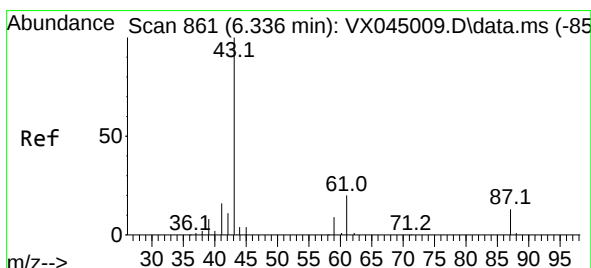
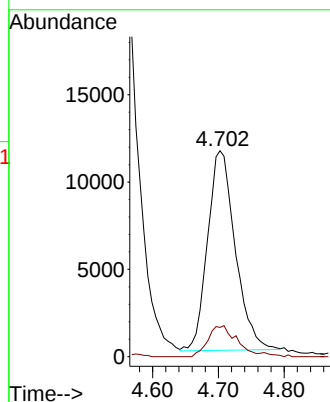
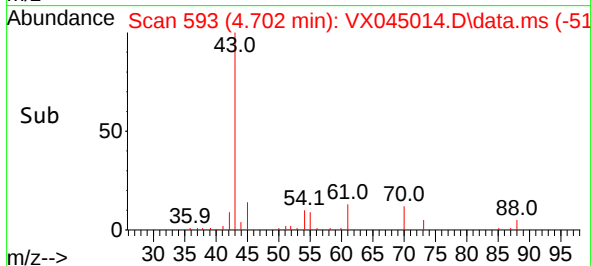
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
45 15.7 12.7 19.1

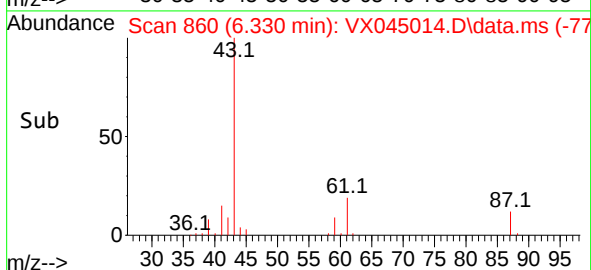
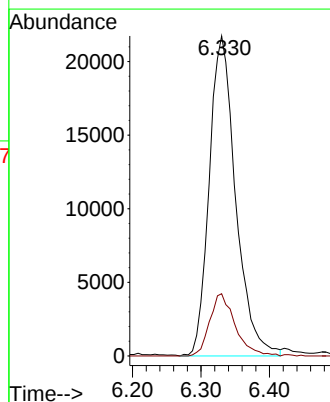
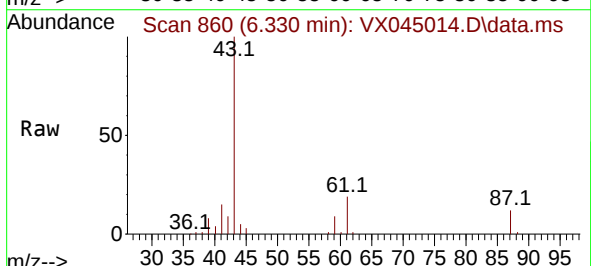
Manual Integrations
APPROVED

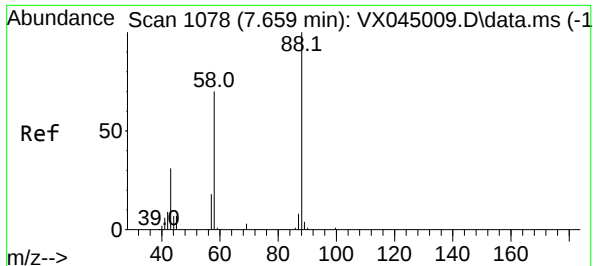
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#44
Isopropyl Acetate
Concen: 17.994 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

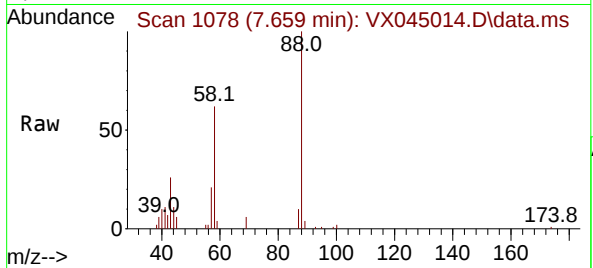
Tgt Ion: 43 Resp: 58216
Ion Ratio Lower Upper
43 100
61 18.7 15.5 23.3





#45
1,4-Dioxane
Concen: 376.282 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

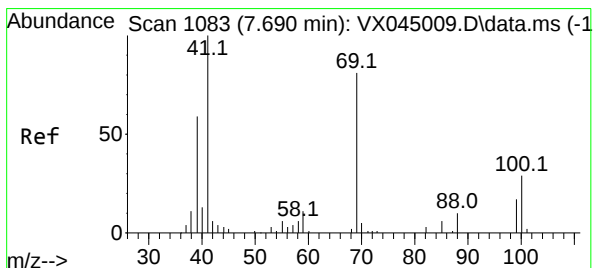
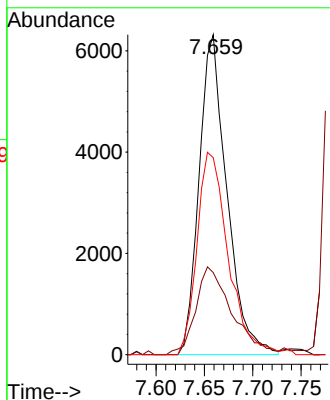
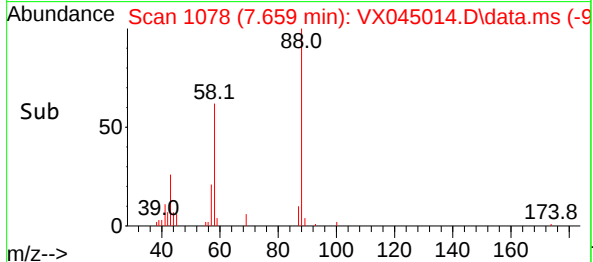
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



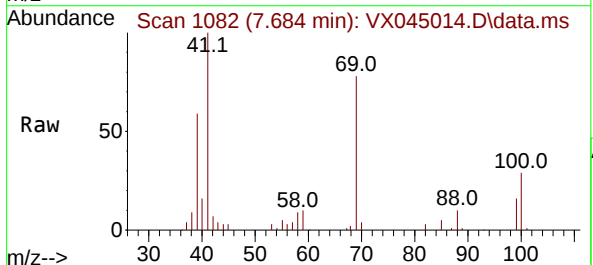
Tgt Ion: 88 Resp: 1265
Ion Ratio Lower Upper
88 100
43 35.5 29.6 44.4
58 70.6 56.2 84.4

Manual Integrations
APPROVED

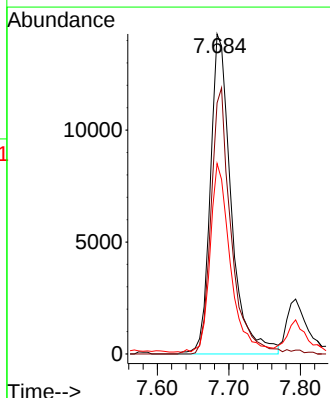
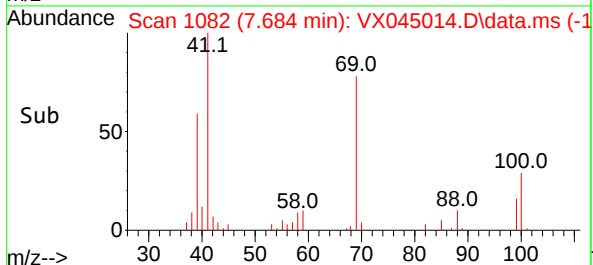
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

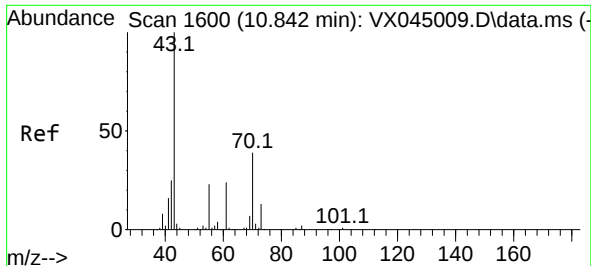


#46
Methyl methacrylate
Concen: 18.320 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



Tgt Ion: 41 Resp: 29063
Ion Ratio Lower Upper
41 100
69 78.5 40.7 122.1
39 58.8 29.5 88.5





#47

n-amy1 Acetate

Concen: 17.920 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVX022125

Tgt Ion: 43 Resp: 50309

Ion Ratio Lower Upper

43 100

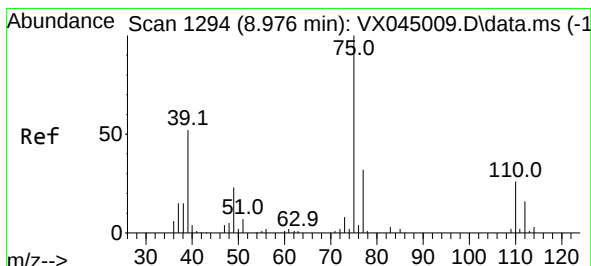
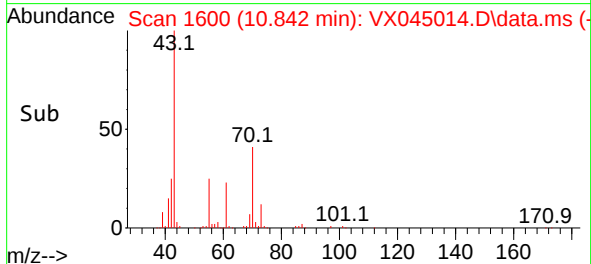
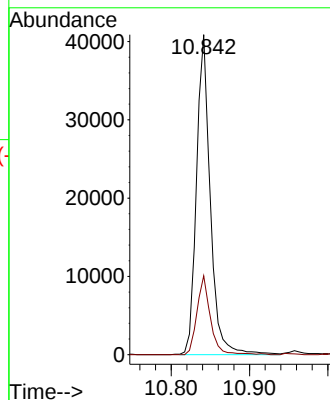
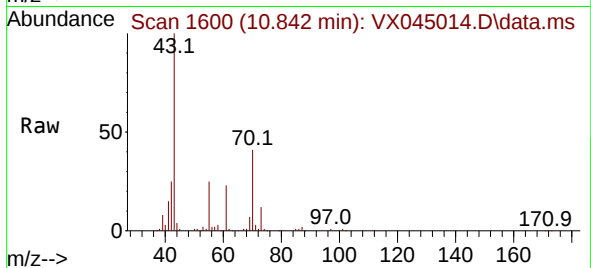
55 23.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#48

t-1,3-Dichloropropene

Concen: 16.972 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045014.D

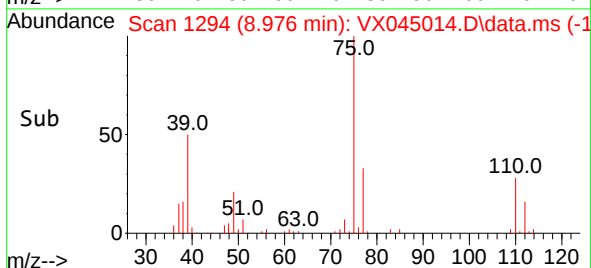
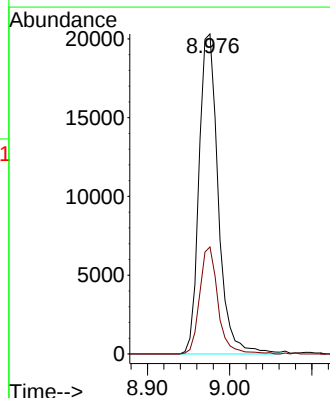
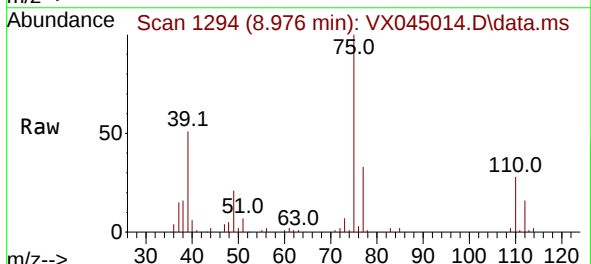
Acq: 21 Feb 2025 13:09

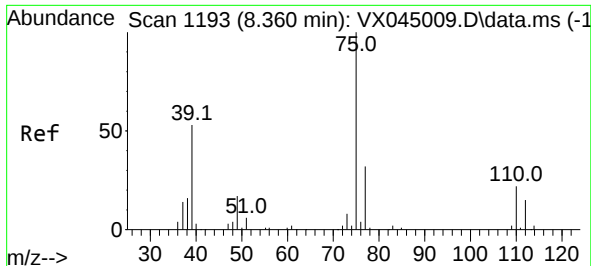
Tgt Ion: 75 Resp: 33010

Ion Ratio Lower Upper

75 100

77 33.5 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 17.491 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045014.D

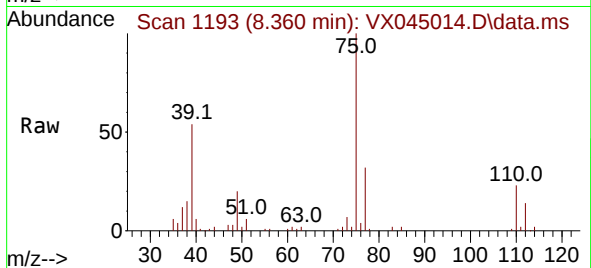
Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVX022125



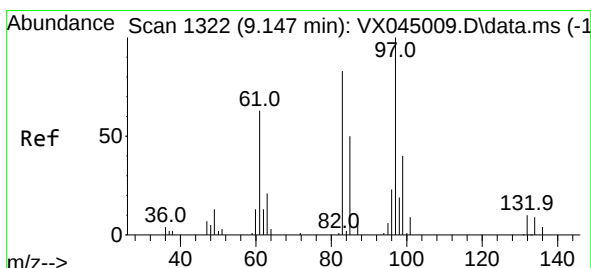
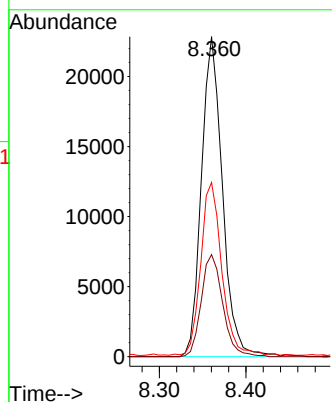
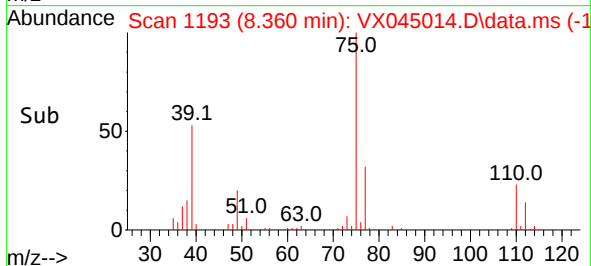
Tgt Ion:	75	Resp:	3851
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.9	38.9
39	54.0	42.3	63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#50

1,1,2-Trichloroethane

Concen: 18.451 ug/l

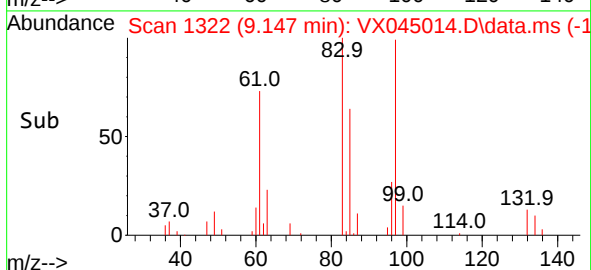
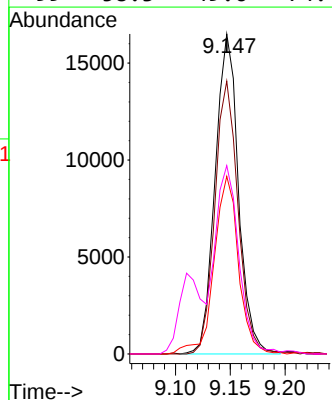
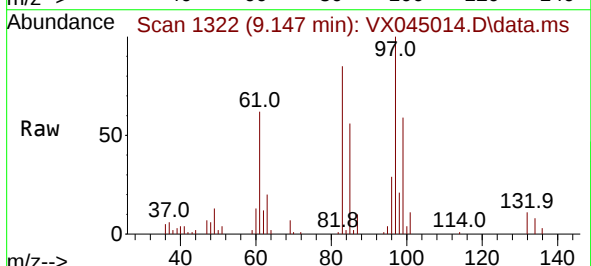
RT: 9.147 min Scan# 1322

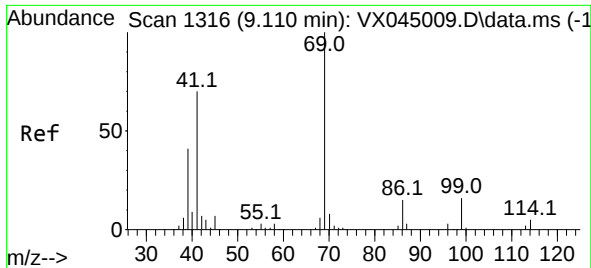
Delta R.T. -0.000 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

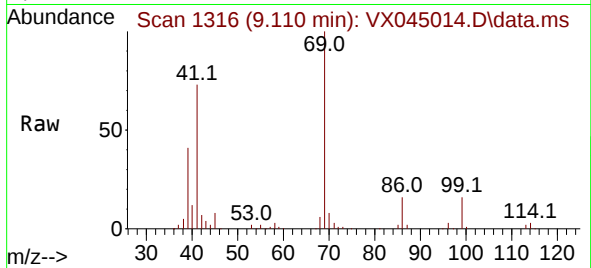
Tgt Ion:	97	Resp:	24435
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.0	99.0
85	55.1	42.5	63.7
99	58.3	49.6	74.4





#51
Ethyl methacrylate
Concen: 17.882 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

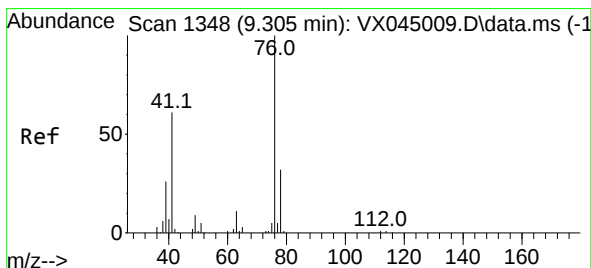
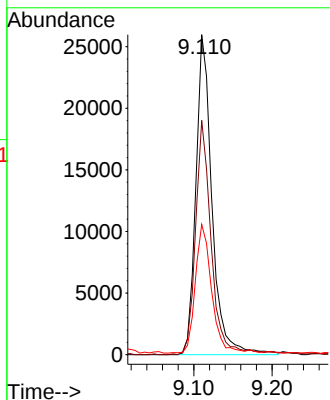
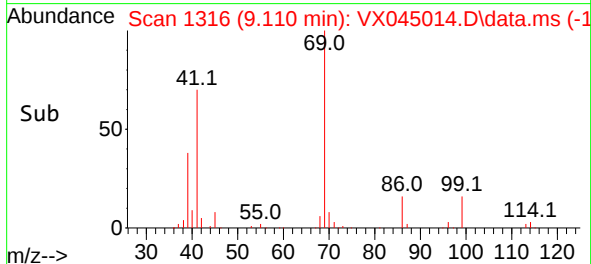
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



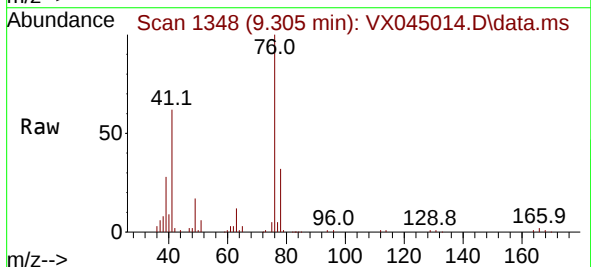
Tgt Ion: 69 Resp: 3724
Ion Ratio Lower Upper
69 100
41 73.2 35.1 105.3
39 40.1 20.5 61.6

Manual Integrations
APPROVED

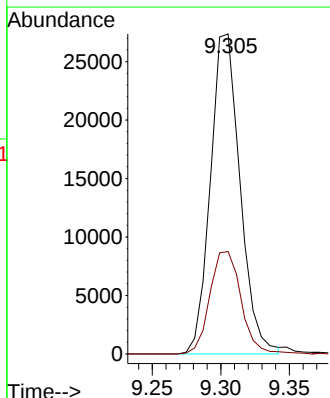
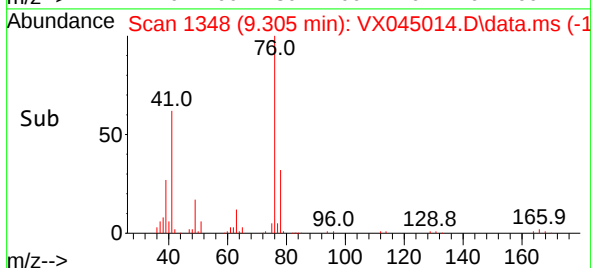
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

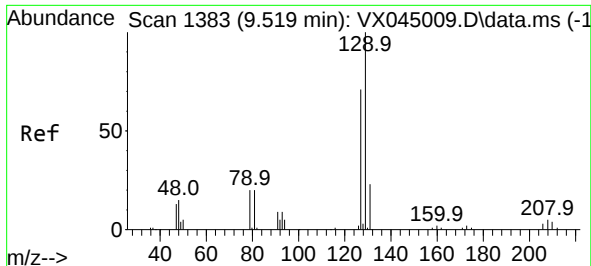


#52
1,3-Dichloropropane
Concen: 17.765 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



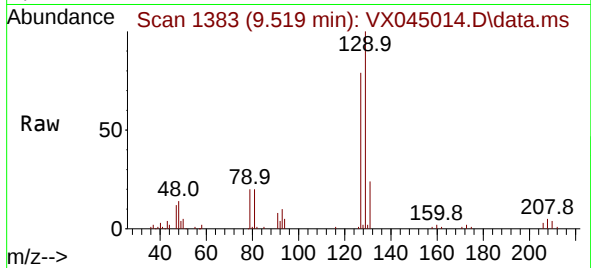
Tgt Ion: 76 Resp: 41224
Ion Ratio Lower Upper
76 100
78 33.7 0.0 63.6





#53
Dibromochloromethane
Concen: 17.620 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

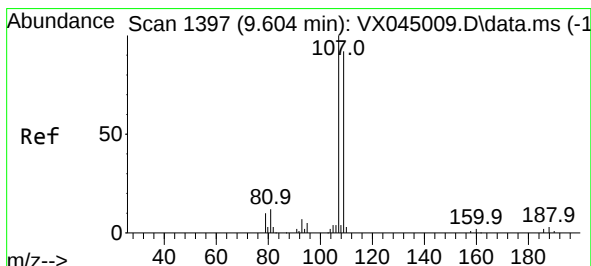
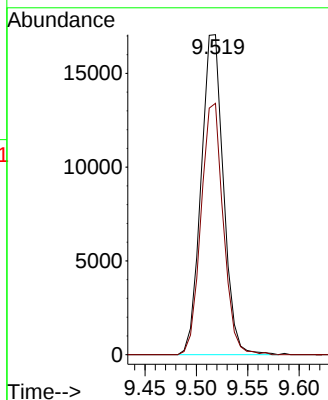
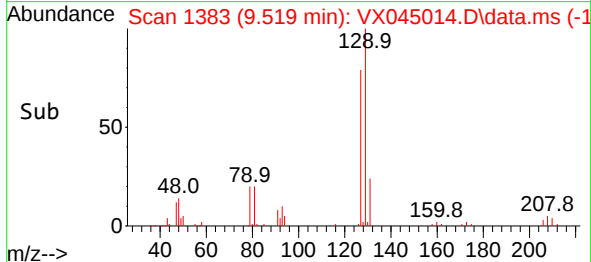
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion:129 Resp: 2580
Ion Ratio Lower Upper
129 100
127 78.1 37.3 111.9

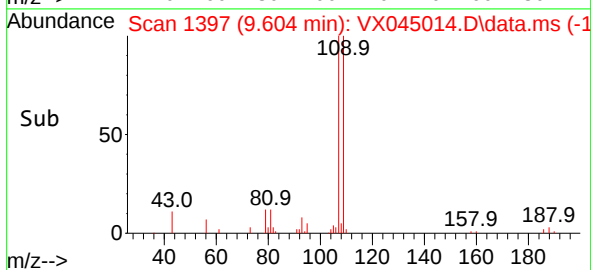
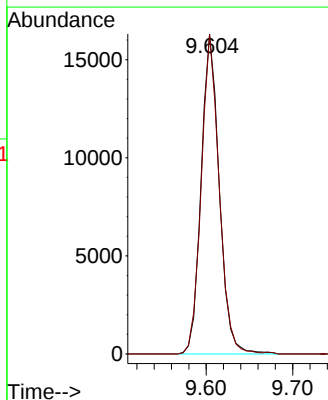
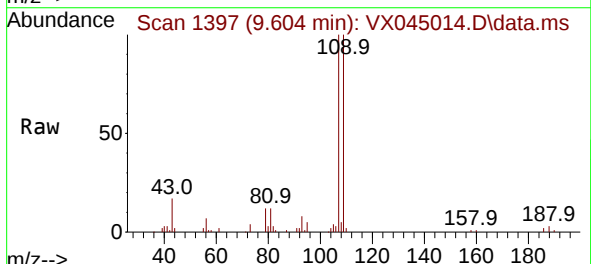
Manual Integrations
APPROVED

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



#54
1,2-Dibromoethane
Concen: 17.616 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion:107 Resp: 23689
Ion Ratio Lower Upper
107 100
109 98.5 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 85.929 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

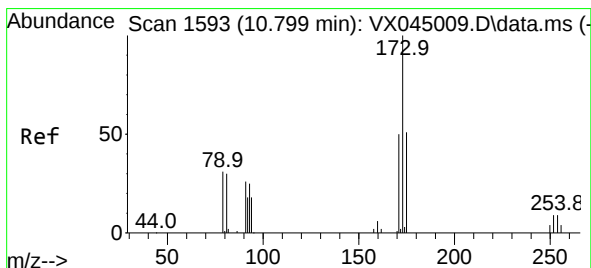
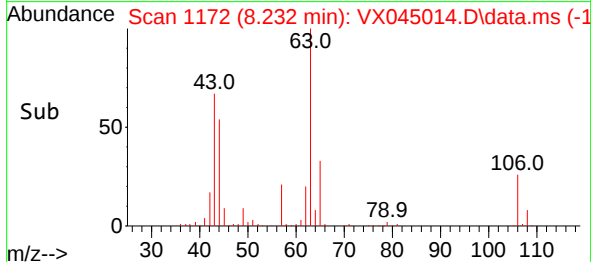
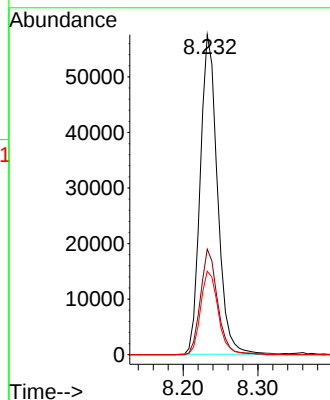
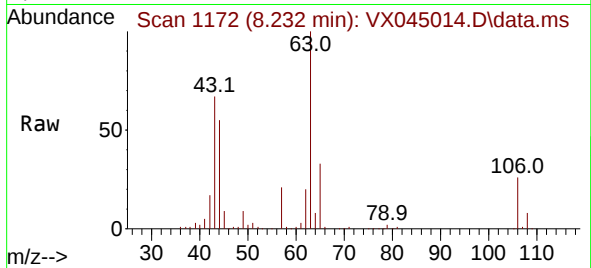
Tgt Ion:	63	Resp:	9190
Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.2	39.2
106	26.5	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#56

Bromoform

Concen: 17.412 ug/l

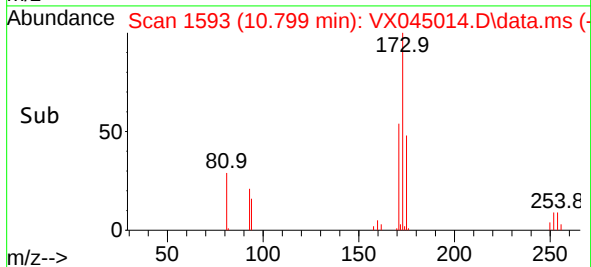
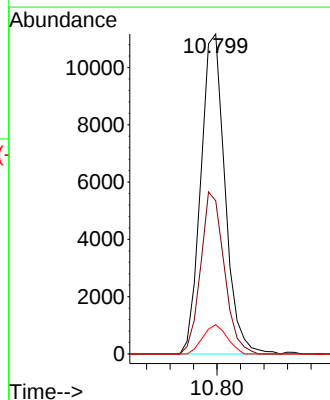
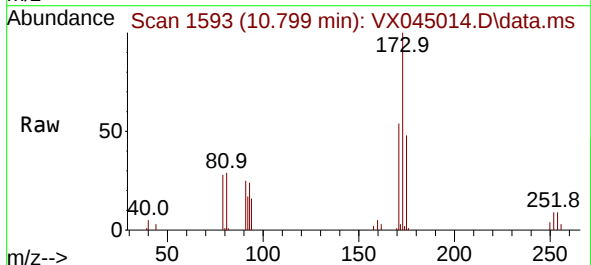
RT: 10.799 min Scan# 1593

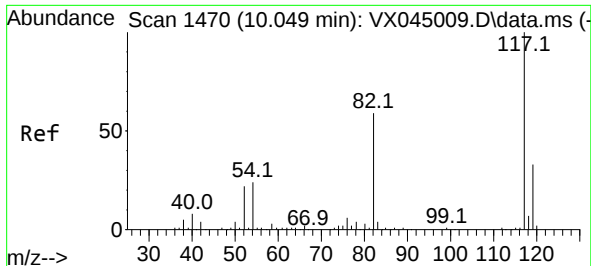
Delta R.T. -0.000 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Tgt Ion:	173	Resp:	15981
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.6	59.4
254	9.1	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: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

Tgt Ion: 117 Resp: 90634

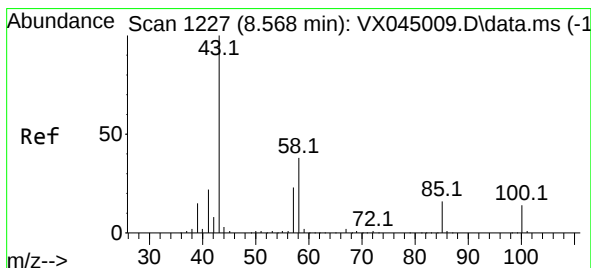
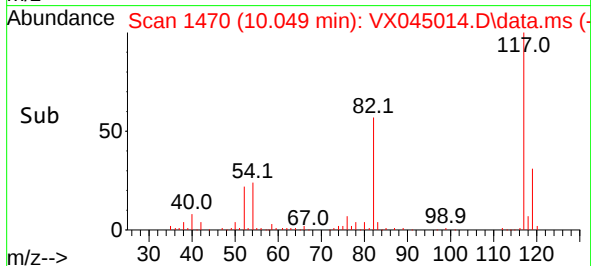
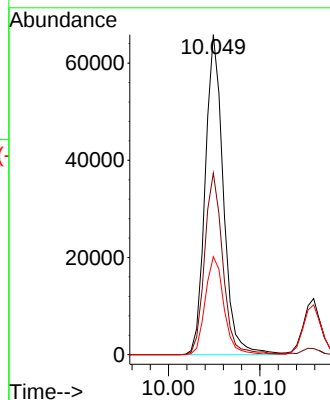
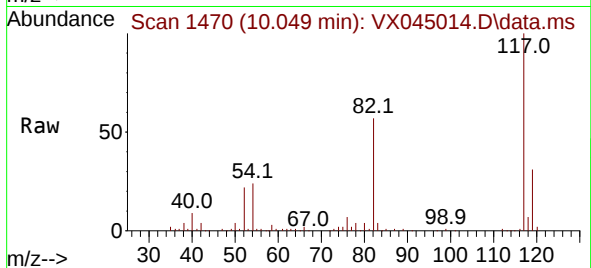
Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.8	68.8
119	31.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#58

4-Methyl-2-Pentanone

Concen: 93.175 ug/l

RT: 8.568 min Scan# 1227

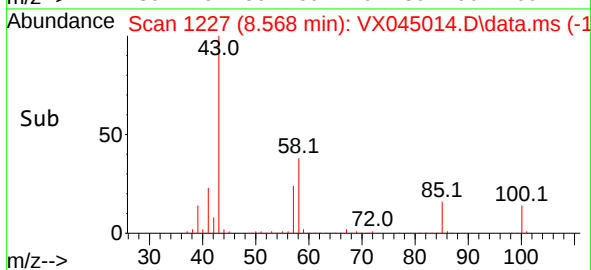
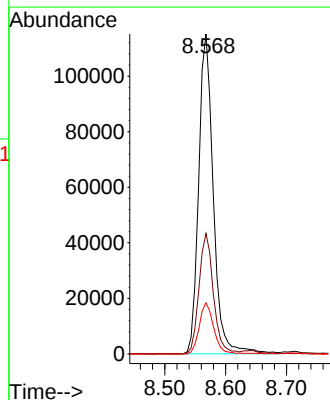
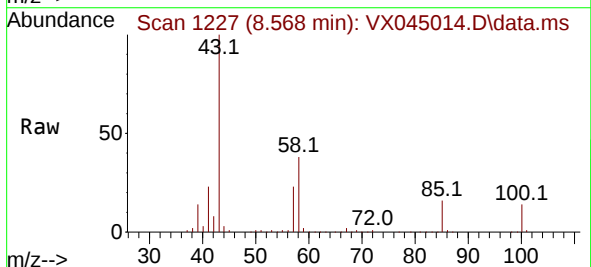
Delta R.T. -0.000 min

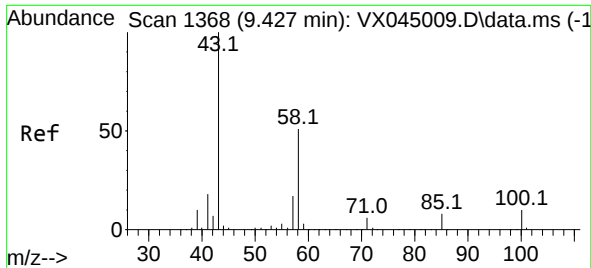
Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Tgt Ion: 43 Resp: 192103

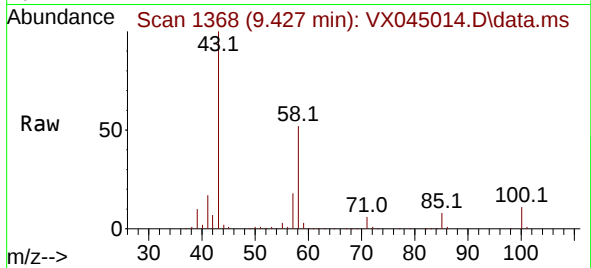
Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.5	44.3
85	15.6	12.9	19.3





#59
2-Hexanone
Concen: 95.501 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

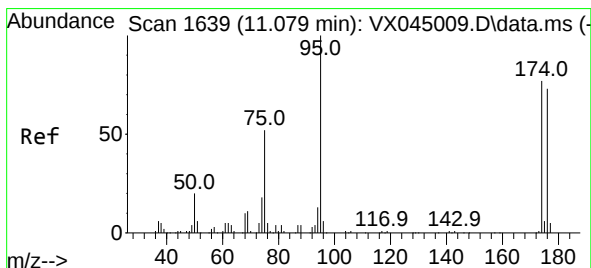
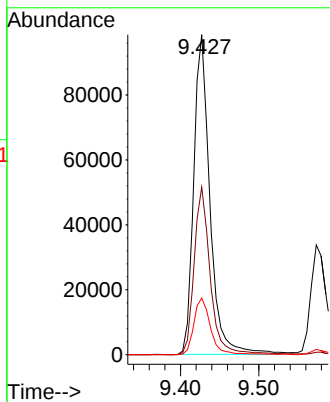
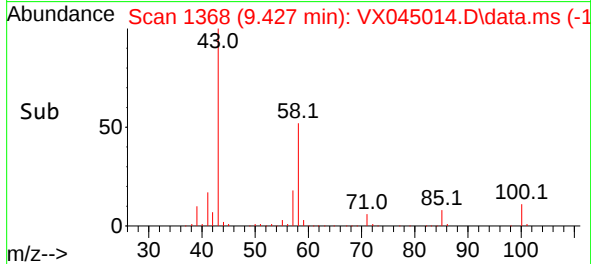
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion: 43 Resp: 142320
Ion Ratio Lower Upper
43 100
58 51.3 41.6 62.4
57 17.7 13.8 20.6

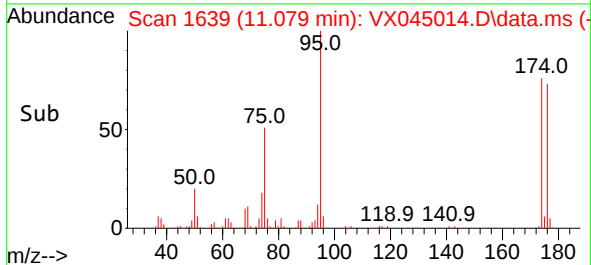
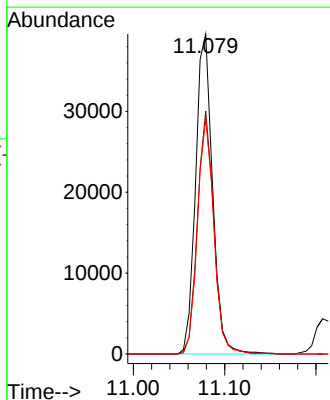
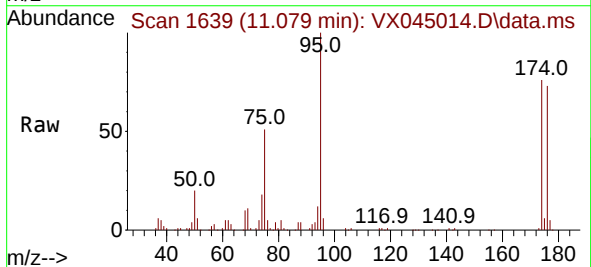
Manual Integrations
APPROVED

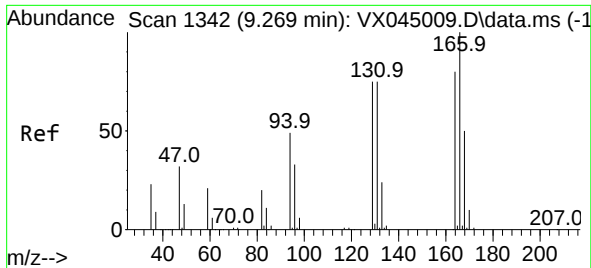
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#60
4-Bromofluorobenzene
Concen: 30.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

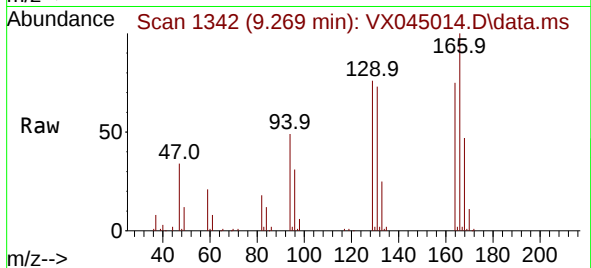
Tgt Ion: 95 Resp: 50982
Ion Ratio Lower Upper
95 100
174 73.6 59.5 89.3
176 70.9 55.5 83.3





#61
Tetrachloroethene
Concen: 17.908 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

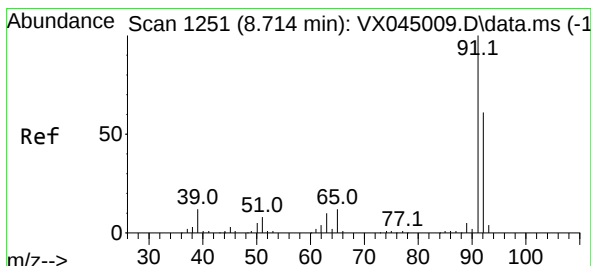
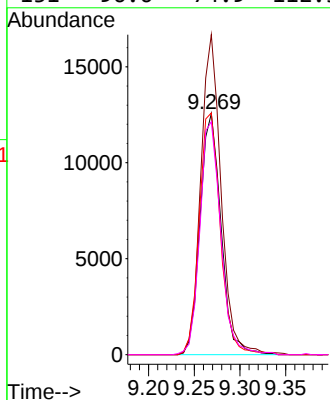
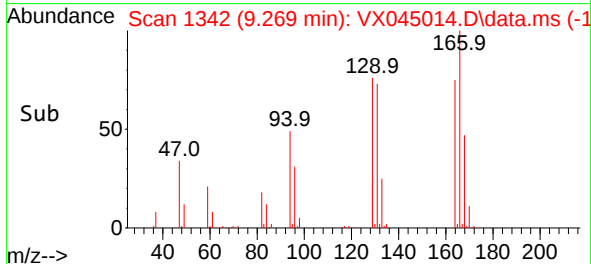
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



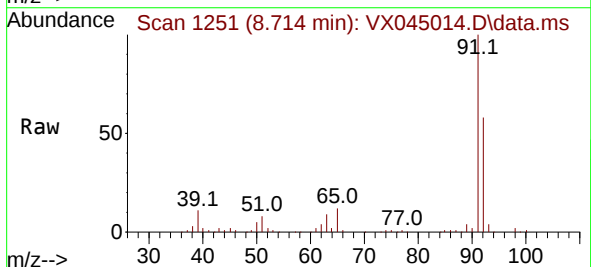
Tgt Ion:164 Resp: 1998
Ion Ratio Lower Upper
164 100
166 132.7 100.3 150.5
129 100.3 75.5 113.3
131 96.6 74.9 112.3

Manual Integrations
APPROVED

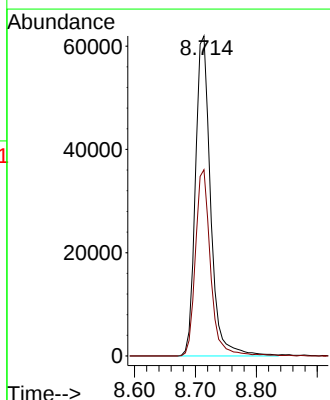
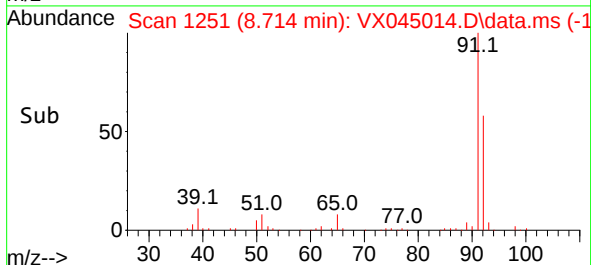
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

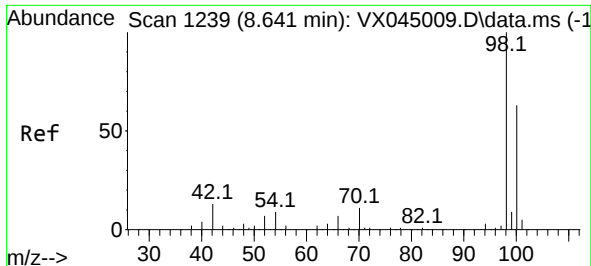


#62
Toluene
Concen: 17.876 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



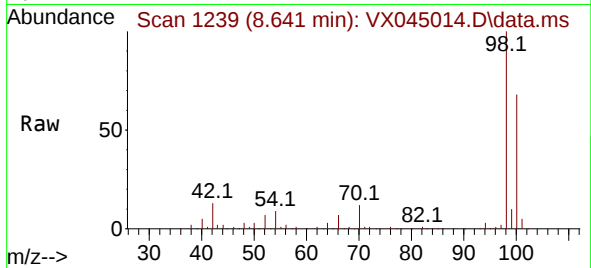
Tgt Ion: 91 Resp: 107324
Ion Ratio Lower Upper
91 100
92 57.4 46.9 70.3





#63
Toluene-d8
Concen: 29.620 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

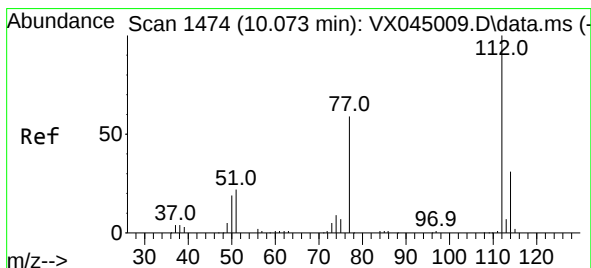
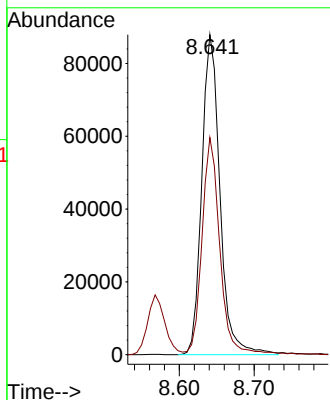
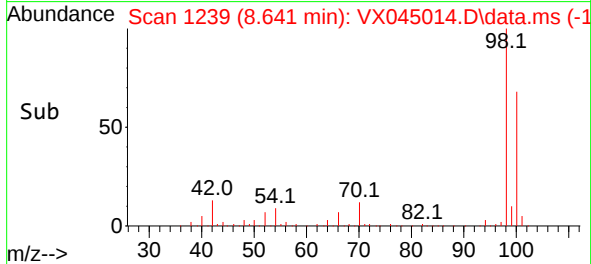
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



Tgt Ion: 98 Resp: 148510
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

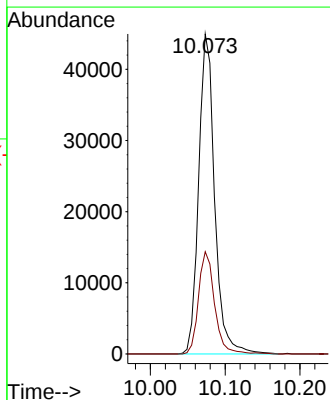
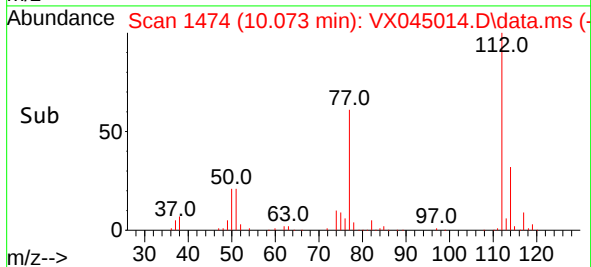
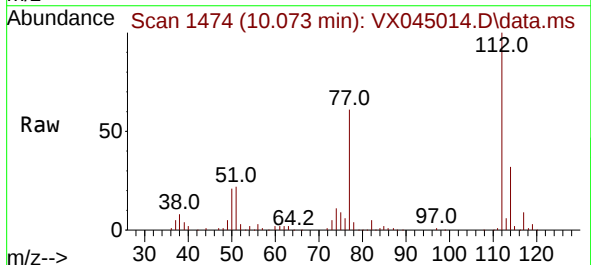
Manual Integrations
APPROVED

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



#64
Chlorobenzene
Concen: 17.942 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

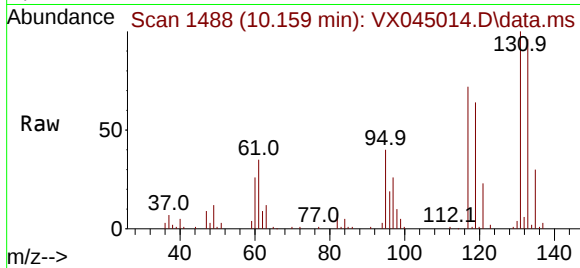
Tgt Ion:112 Resp: 66754
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 17.362 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

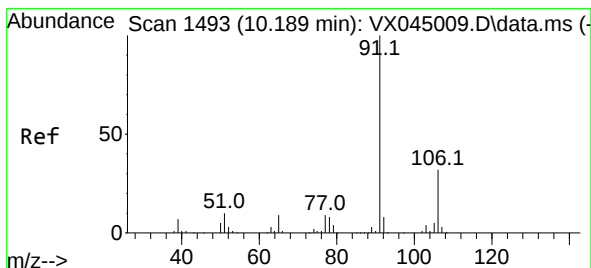
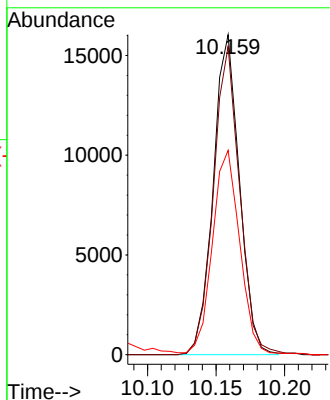
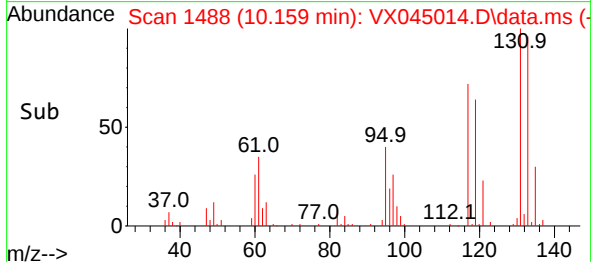
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



Tgt Ion:131 Resp: 21314
Ion Ratio Lower Upper
131 100
133 96.5 0.0 187.8
119 65.3 0.0 133.0

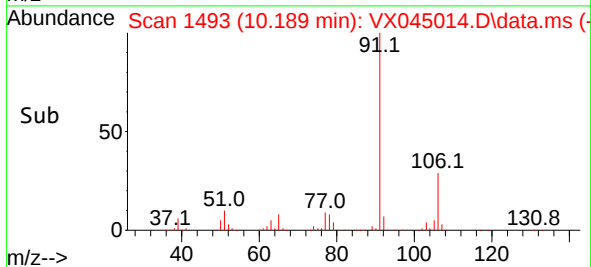
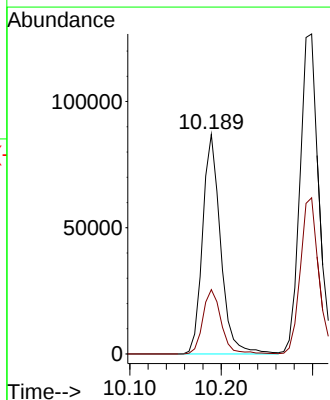
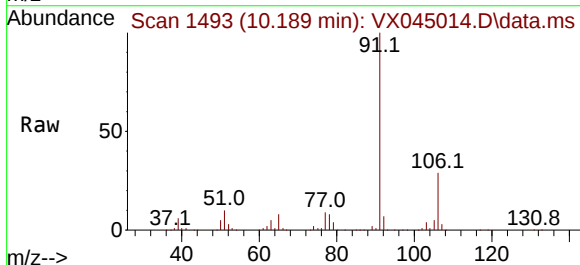
Manual Integrations
APPROVED

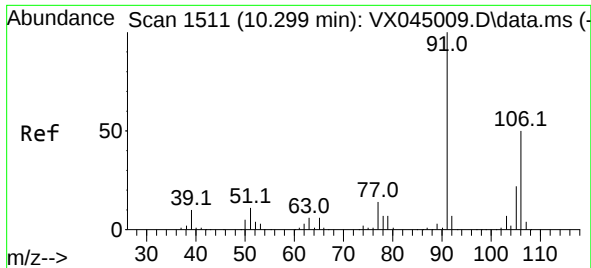
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#66
Ethyl Benzene
Concen: 18.117 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 91 Resp: 119085
Ion Ratio Lower Upper
91 100
106 29.3 25.4 38.2





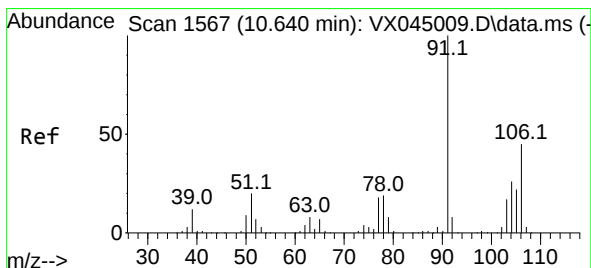
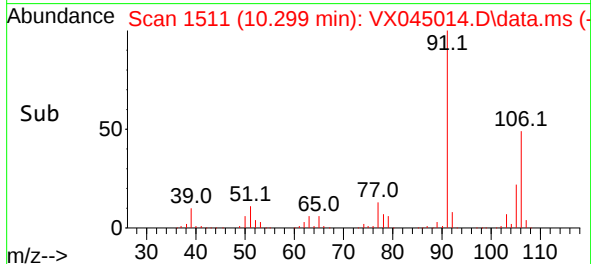
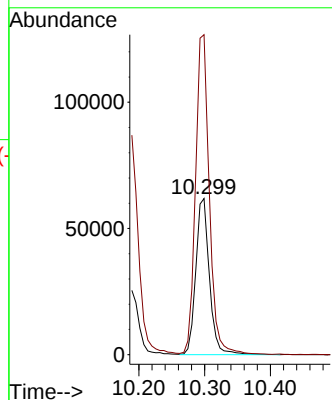
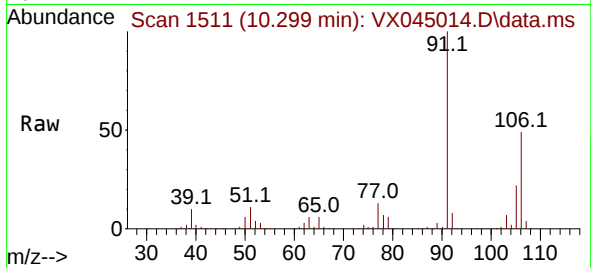
#67
m/p-Xylenes
Concen: 36.205 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVX022125

Tgt Ion:106 Resp: 88668
Ion Ratio Lower Upper
106 100
91 207.8 163.7 245.5

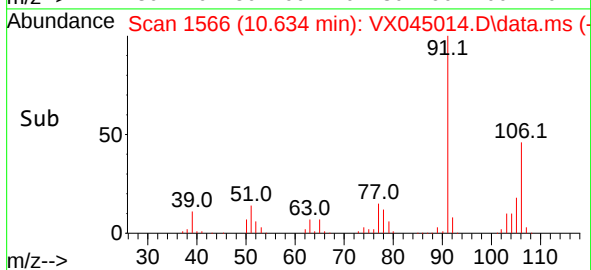
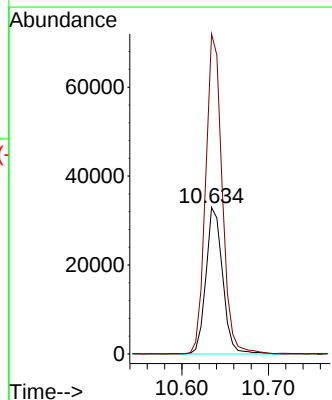
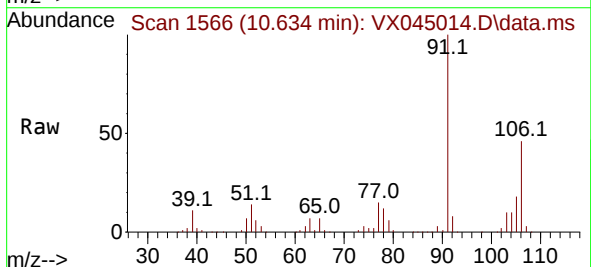
Manual Integrations
APPROVED

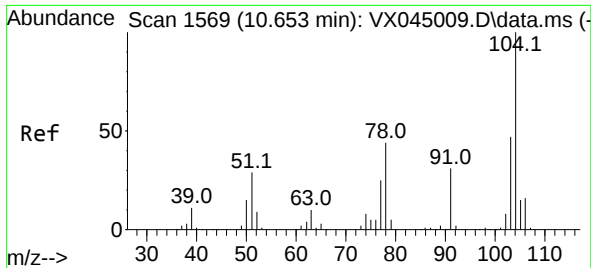
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#68
o-Xylene
Concen: 18.340 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion:106 Resp: 44070
Ion Ratio Lower Upper
106 100
91 215.2 109.7 329.1





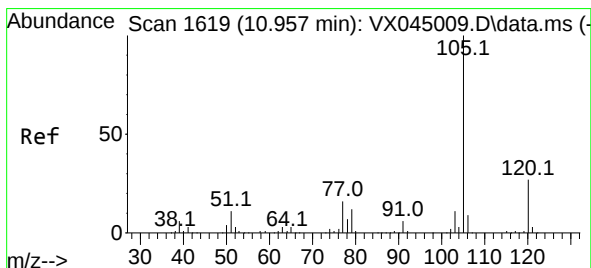
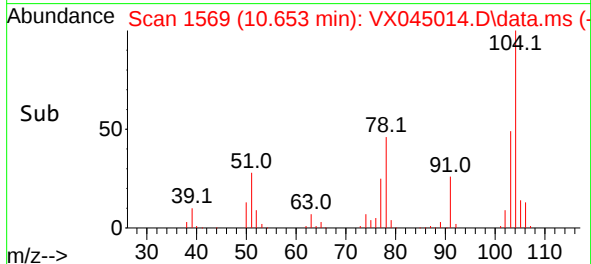
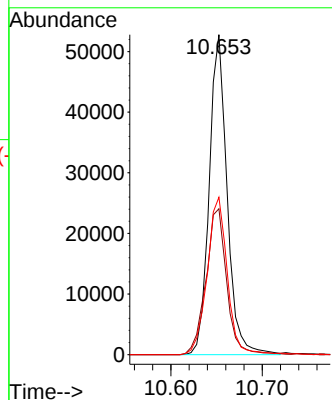
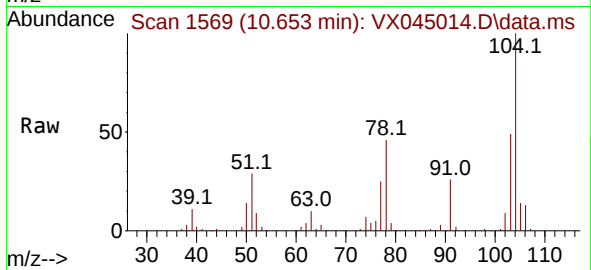
#69
Styrene
Concen: 17.886 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125

Tgt Ion:104 Resp: 71782
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.0
103 55.2 43.0 64.4

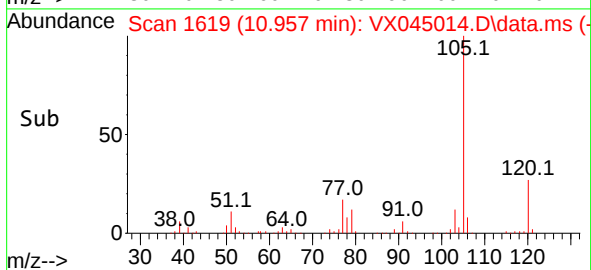
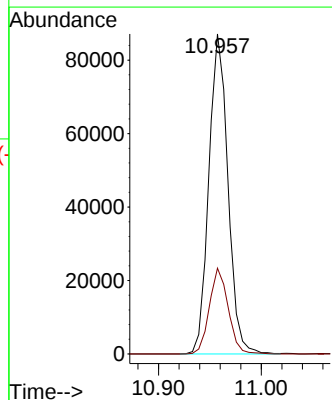
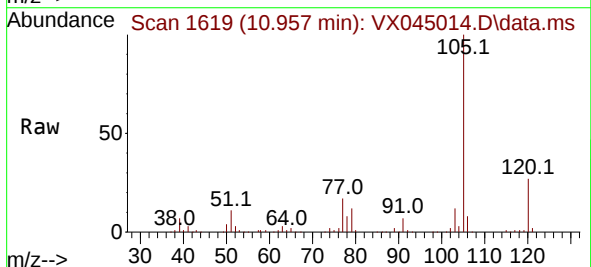
Manual Integrations
APPROVED

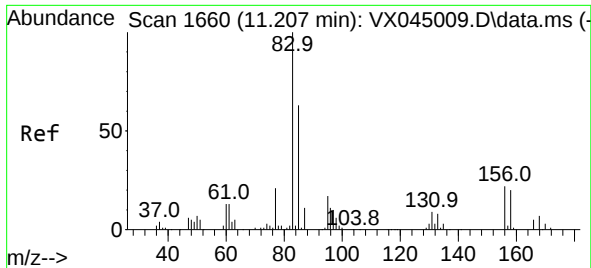
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#70
Isopropylbenzene
Concen: 18.117 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

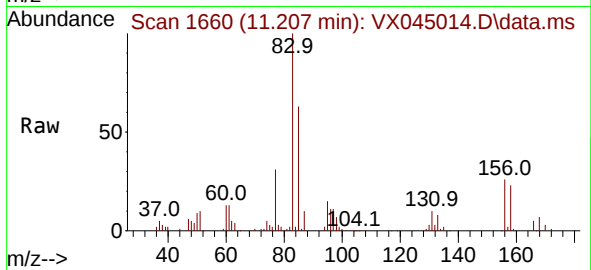
Tgt Ion:105 Resp: 112344
Ion Ratio Lower Upper
105 100
120 26.4 18.4 34.2





#71
1,1,2,2-Tetrachloroethane
Concen: 18.349 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

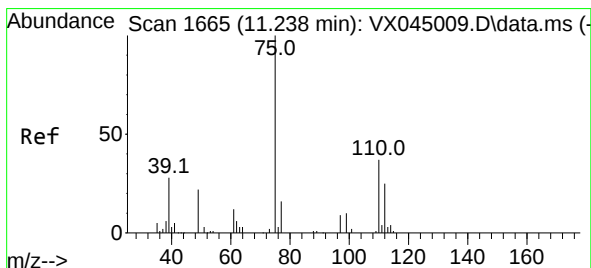
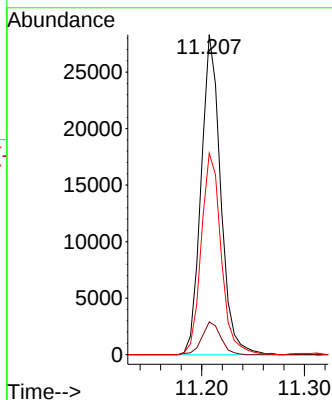
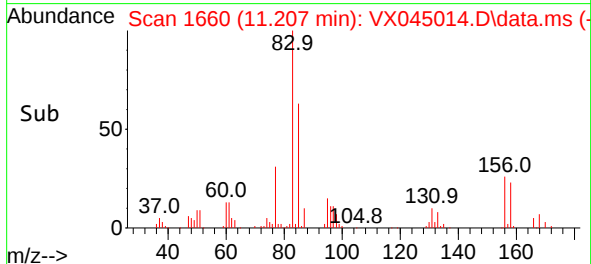
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



Tgt Ion: 83 Resp: 37415
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.2 32.3 96.8

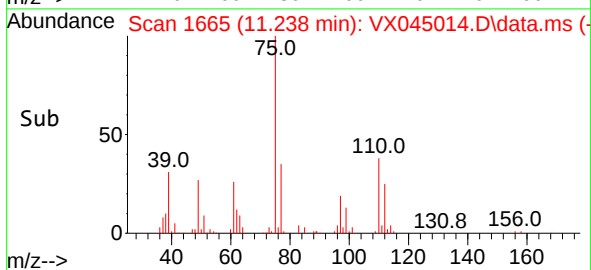
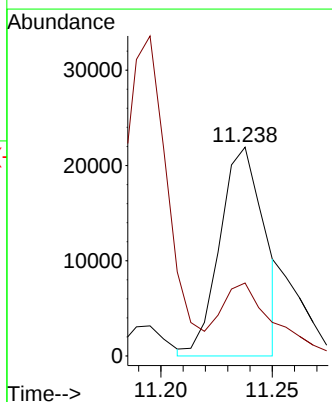
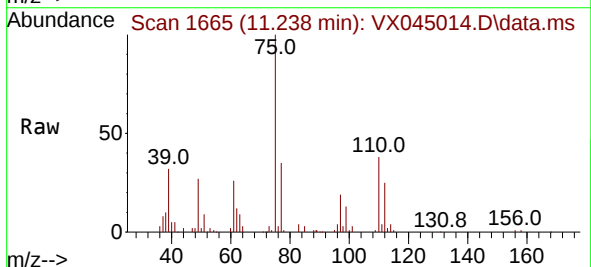
Manual Integrations
APPROVED

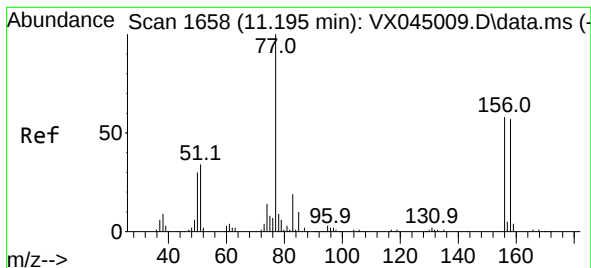
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#72
1,2,3-Trichloropropane
Concen: 18.172 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 75 Resp: 30477
Ion Ratio Lower Upper
75 100
77 41.7 0.0 84.0





#73

Bromobenzene

Concen: 18.218 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022125

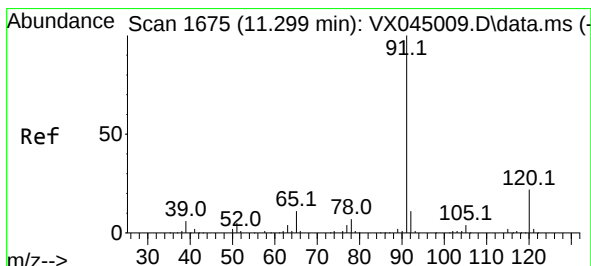
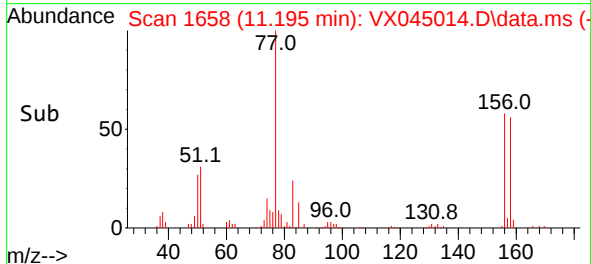
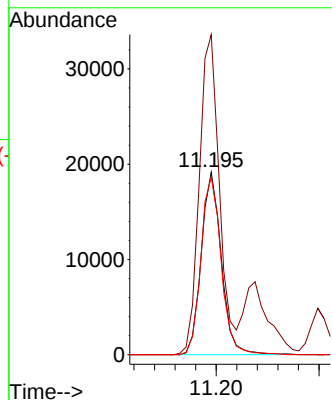
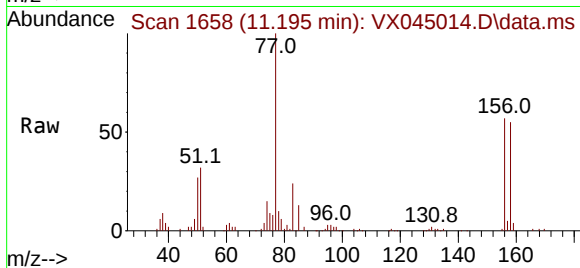
Tgt Ion:	156	Resp:	26000
Ion Ratio	Lower	Upper	
156	100		
77	175.6	0.0	347.2
158	98.5	0.0	197.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#74

n-propylbenzene

Concen: 18.269 ug/l

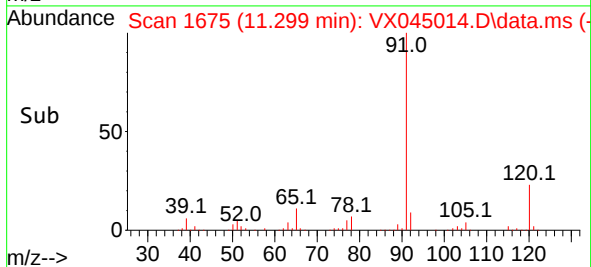
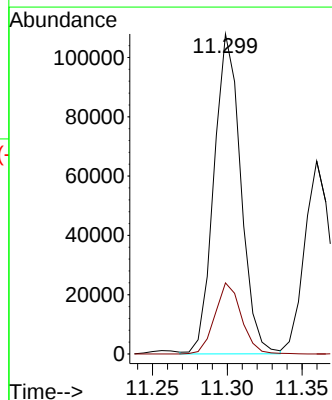
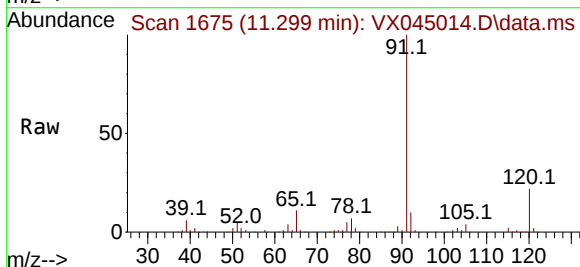
RT: 11.299 min Scan# 1675

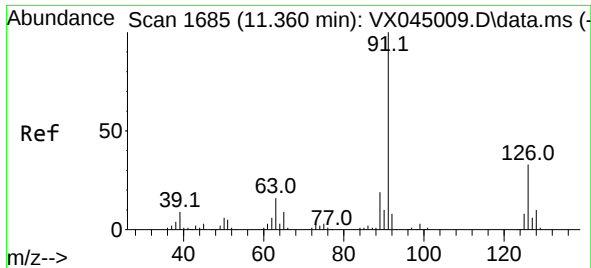
Delta R.T. -0.000 min

Lab File: VX045014.D

Acq: 21 Feb 2025 13:09

Tgt Ion:	91	Resp:	134814
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	44.2





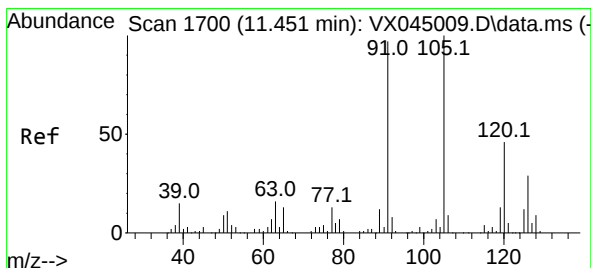
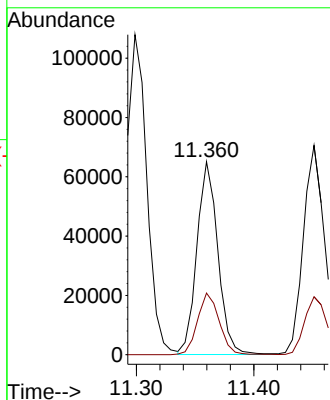
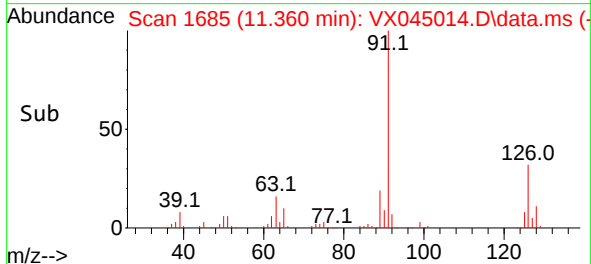
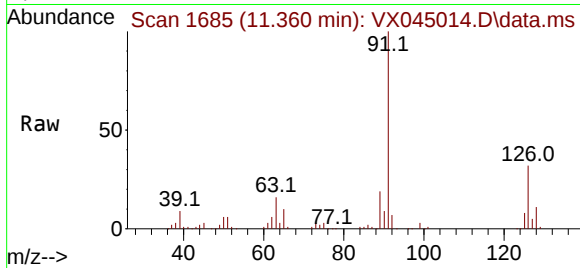
#75
2-Chlorotoluene
Concen: 18.145 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVX022125

Tgt Ion: 91 Resp: 80948
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.4

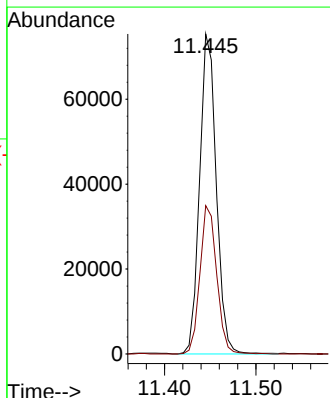
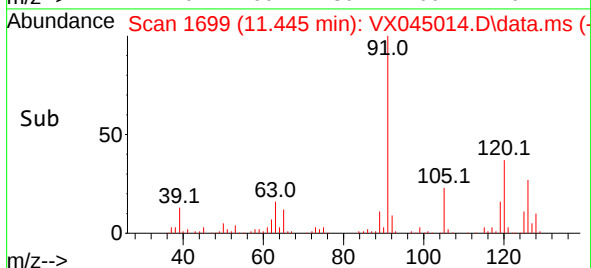
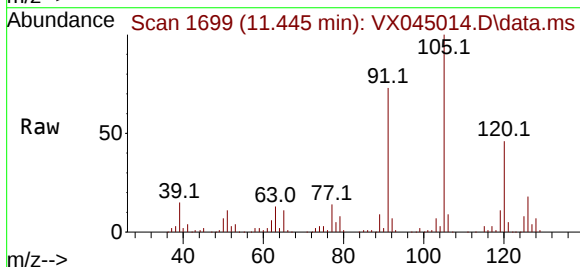
Manual Integrations
APPROVED

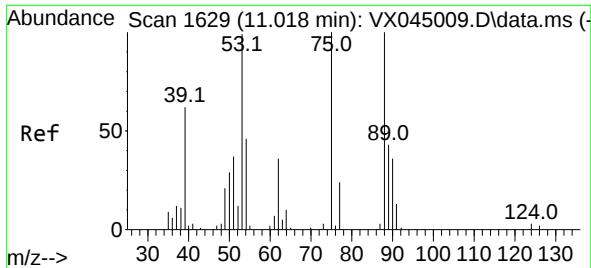
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.633 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

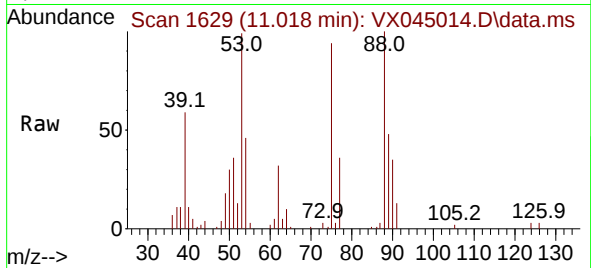
Tgt Ion:105 Resp: 95320
Ion Ratio Lower Upper
105 100
120 46.6 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 15.964 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

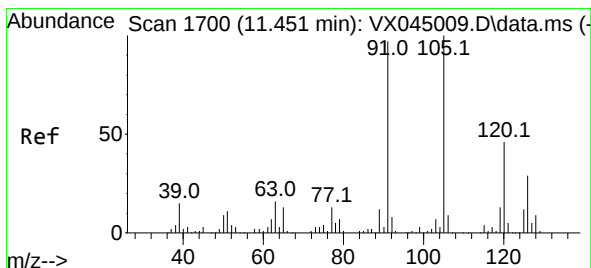
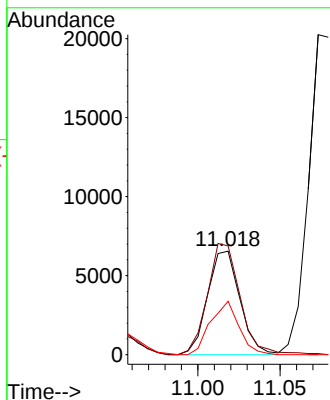
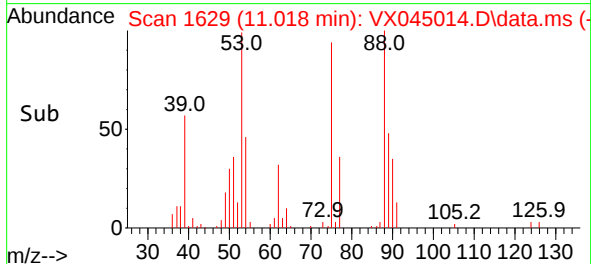
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



Tgt Ion: 75 Resp: 9000
Ion Ratio Lower Upper
75 100
53 105.0 49.8 149.4
89 51.6 21.4 64.2

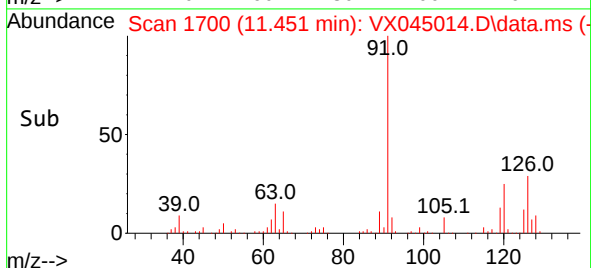
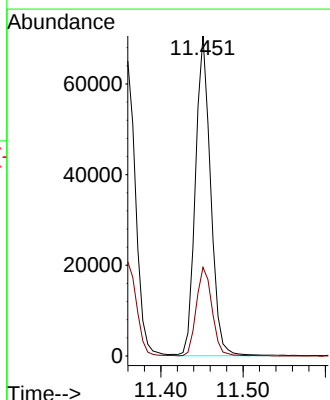
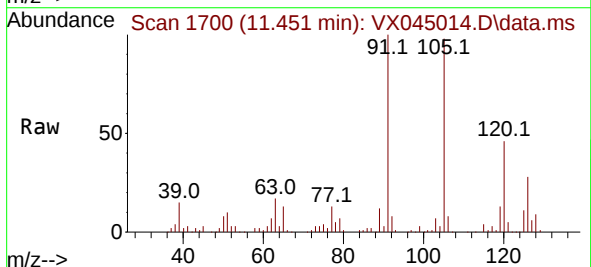
Manual Integrations
APPROVED

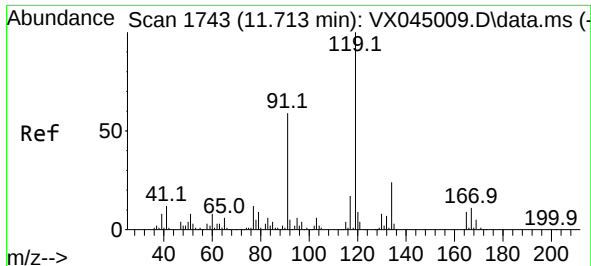
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#78
4-Chlorotoluene
Concen: 18.131 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Tgt Ion: 91 Resp: 90166
Ion Ratio Lower Upper
91 100
126 28.7 0.0 58.0





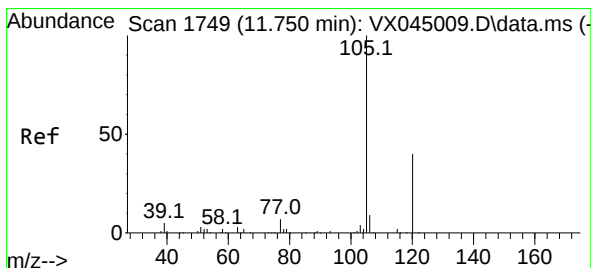
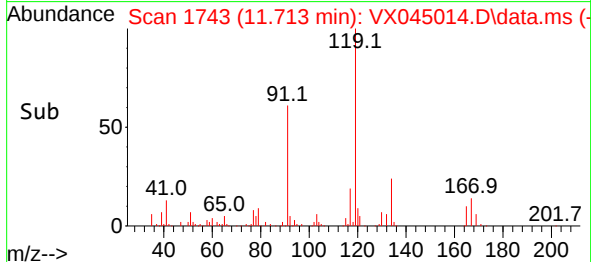
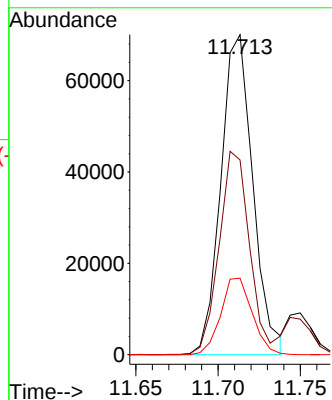
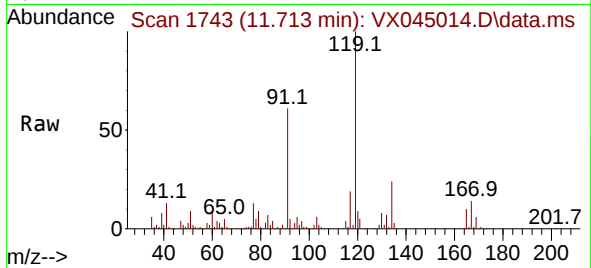
#79
tert-butylbenzene
Concen: 18.420 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
ICVX022125

Tgt Ion:119 Resp: 9494
Ion Ratio Lower Upper
119 100
91 60.2 0.0 120.6
134 23.6 0.0 48.2

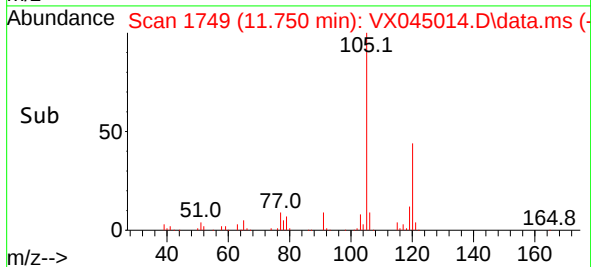
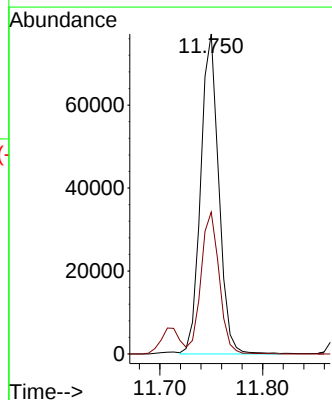
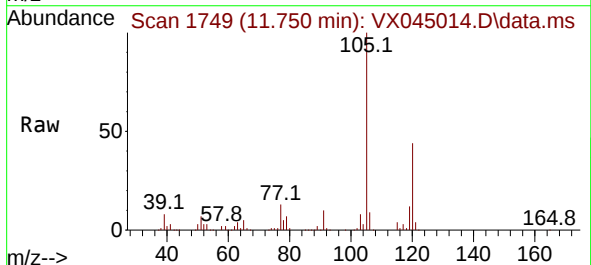
Manual Integrations
APPROVED

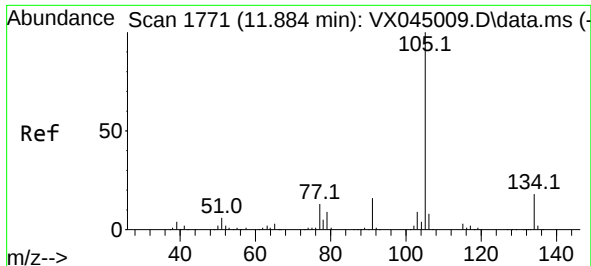
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.423 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

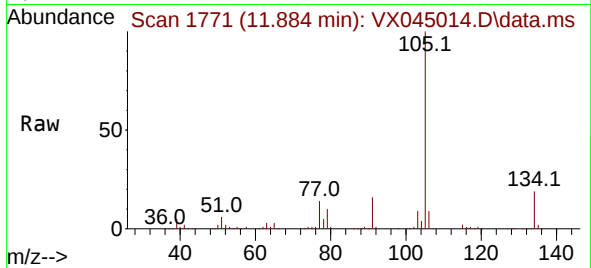
Tgt Ion:105 Resp: 94408
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 18.461 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX045014.D
 Acq: 21 Feb 2025 13:09

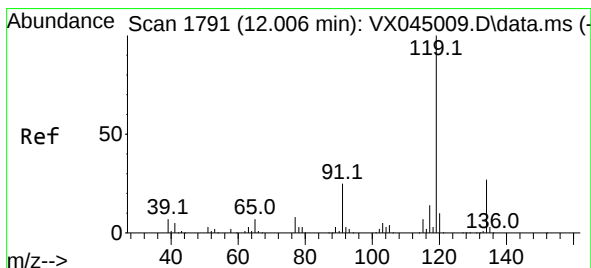
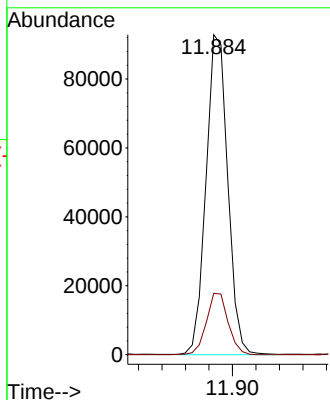
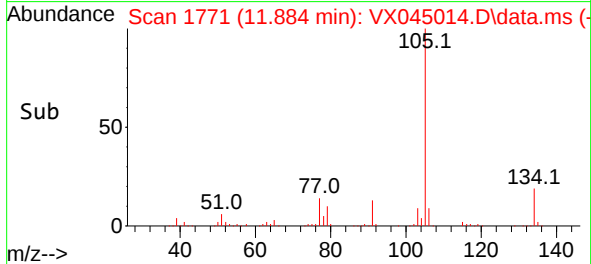
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022125



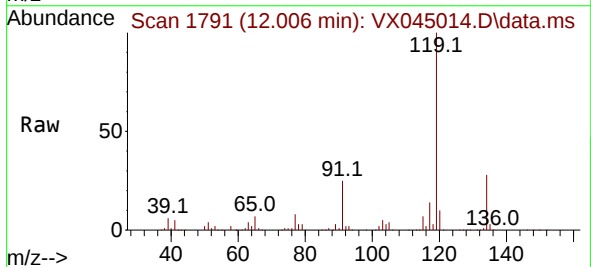
Tgt Ion:105 Resp: 119420
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

Manual Integrations
 APPROVED

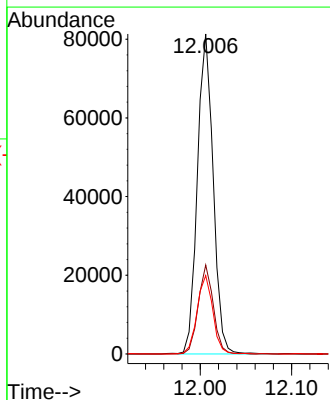
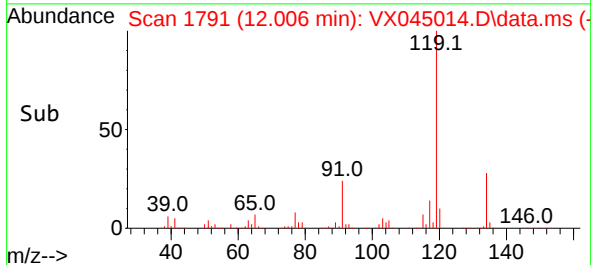
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

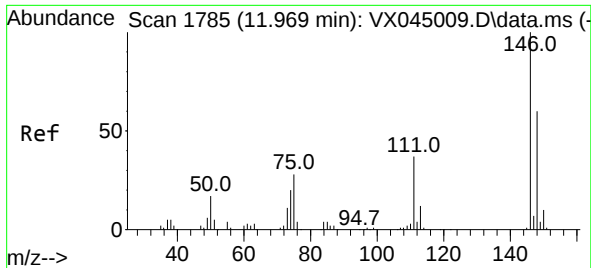


#82
 p-Isopropyltoluene
 Concen: 18.616 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045014.D
 Acq: 21 Feb 2025 13:09



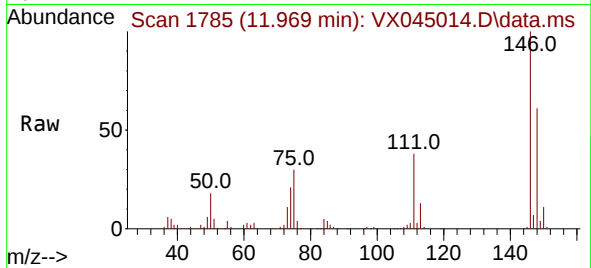
Tgt Ion:119 Resp: 97575
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 24.4 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.234 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

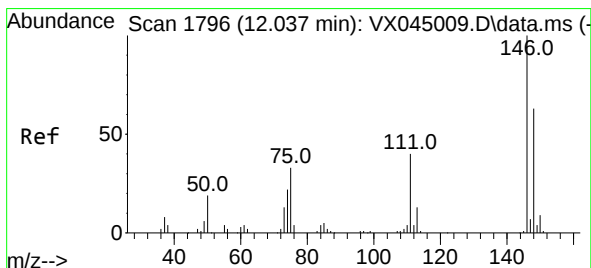
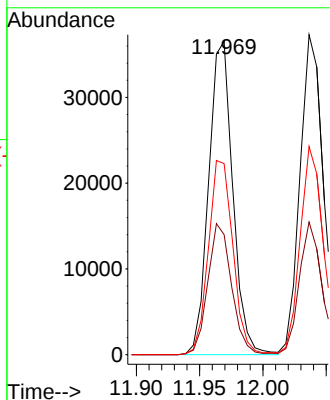
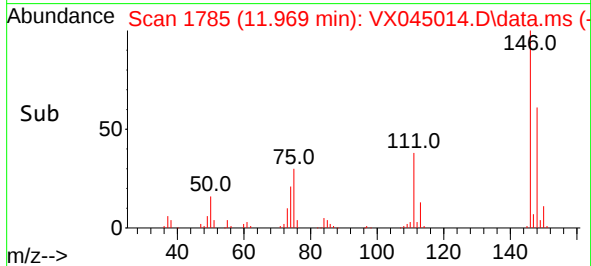
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



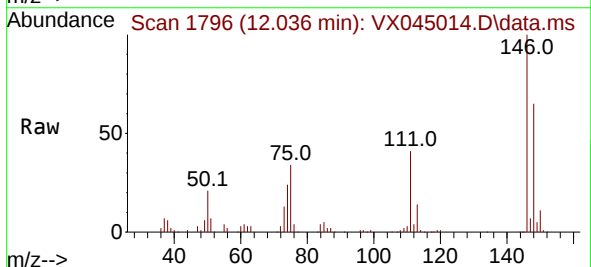
Tgt Ion:146 Resp: 48430
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.5
148 63.3 31.2 93.6

Manual Integrations
APPROVED

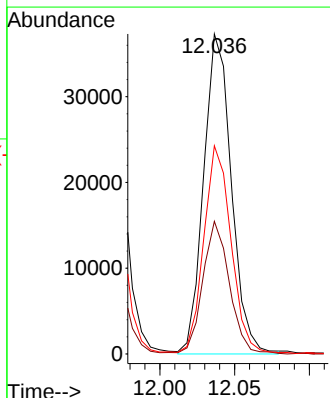
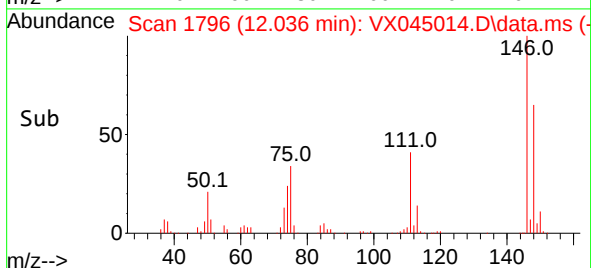
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

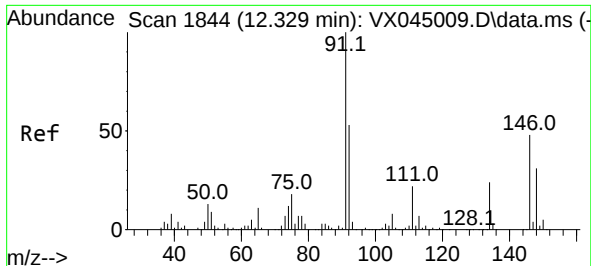


#84
1,4-Dichlorobenzene
Concen: 18.390 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



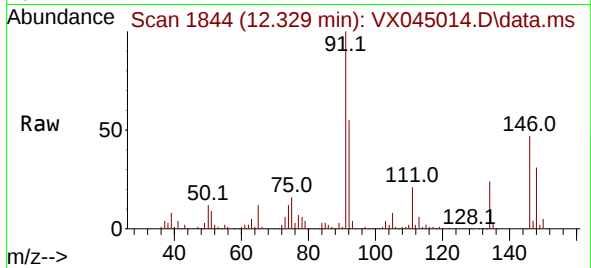
Tgt Ion:146 Resp: 48160
Ion Ratio Lower Upper
146 100
111 39.6 20.4 61.2
148 64.2 31.8 95.4





#85
n-Butylbenzene
Concen: 18.213 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

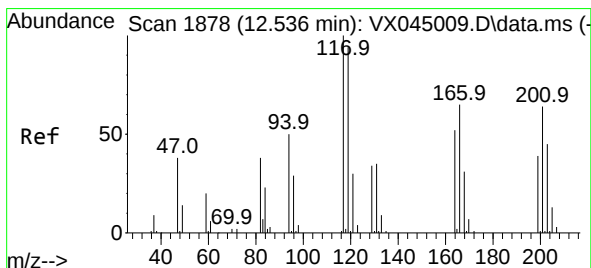
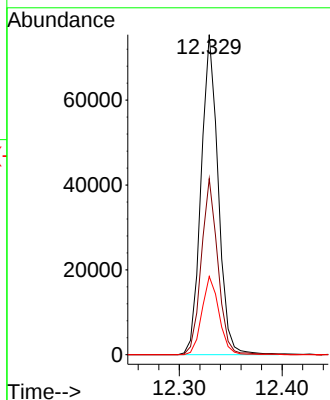
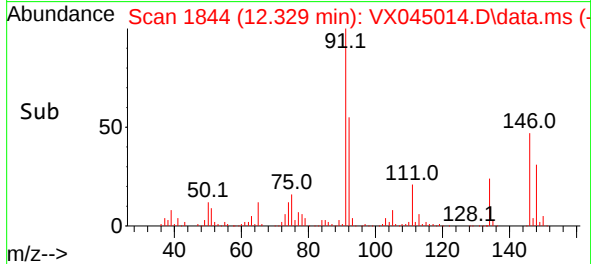
Instrument :
MSVOA_X
ClientSampleId :
ICVX022125



Tgt Ion: 91 Resp: 87170
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 24.4 0.0 49.4

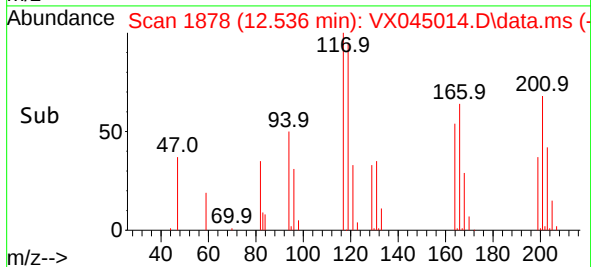
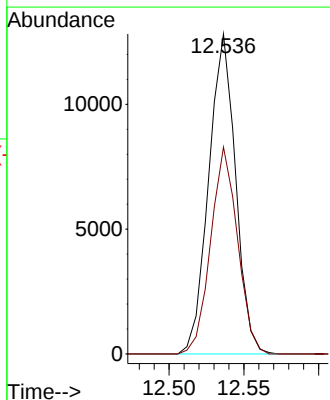
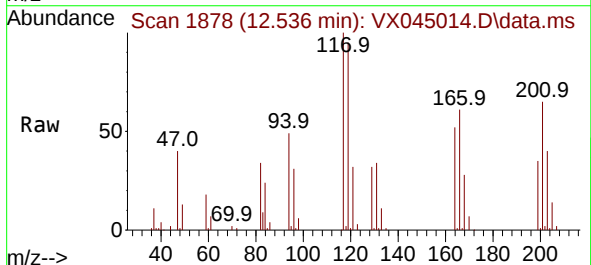
Manual Integrations
APPROVED

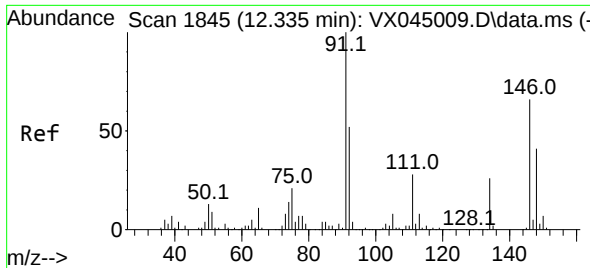
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#86
Hexachloroethane
Concen: 17.309 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

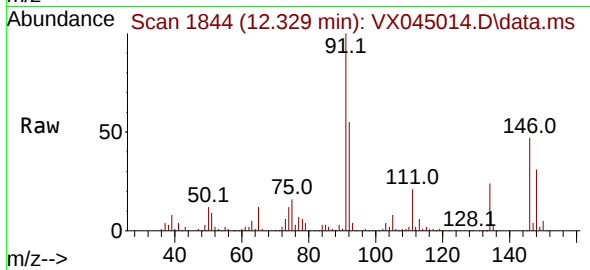
Tgt Ion:117 Resp: 16000
Ion Ratio Lower Upper
117 100
201 64.8 32.6 97.7





#87
1,2-Dichlorobenzene
Concen: 18.513 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

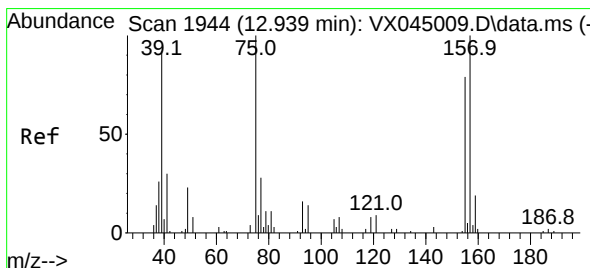
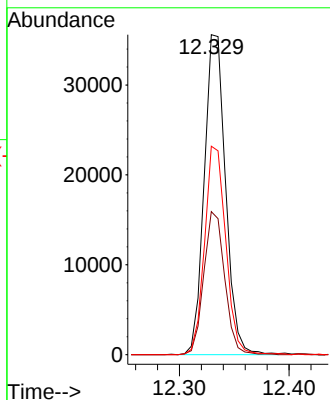
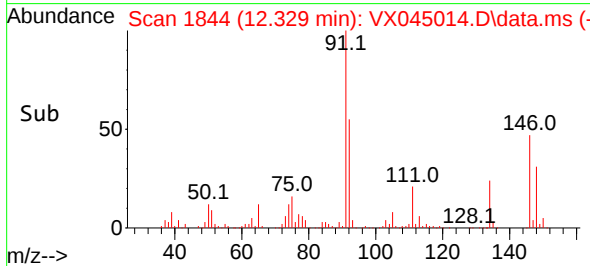
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



Tgt Ion:146 Resp: 4824
Ion Ratio Lower Upper
146 100
111 43.6 21.7 65.1
148 64.6 31.8 95.4

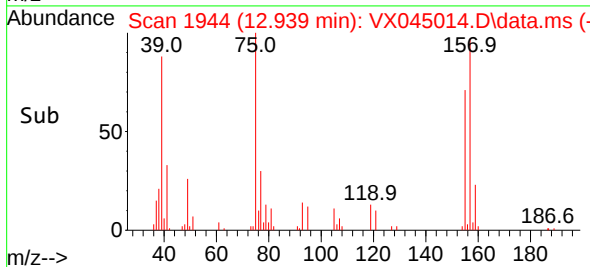
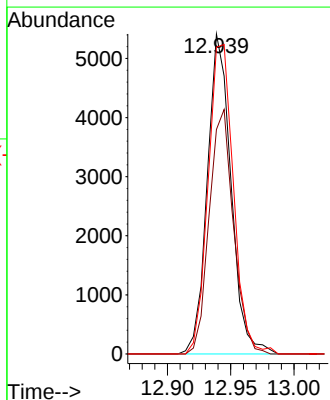
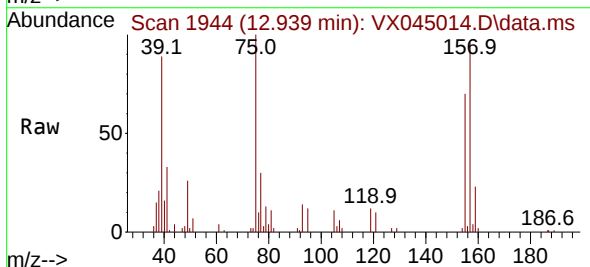
Manual Integrations
APPROVED

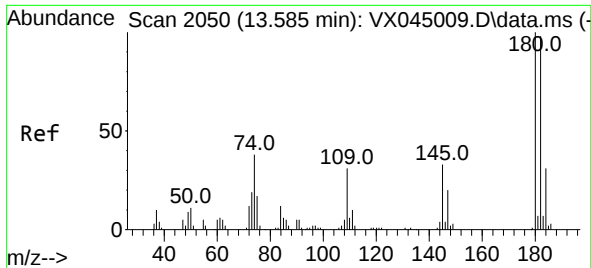
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.893 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

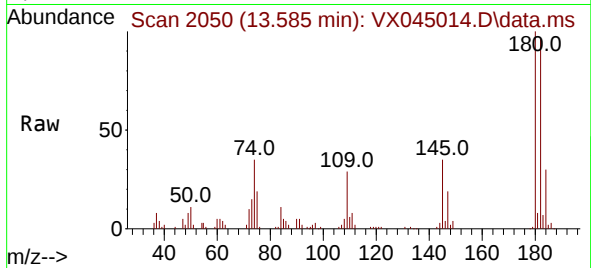
Tgt Ion: 75 Resp: 7064
Ion Ratio Lower Upper
75 100
155 78.1 66.2 99.4
157 102.8 81.4 122.2





#89
1,2,4-Trichlorobenzene
Concen: 18.126 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

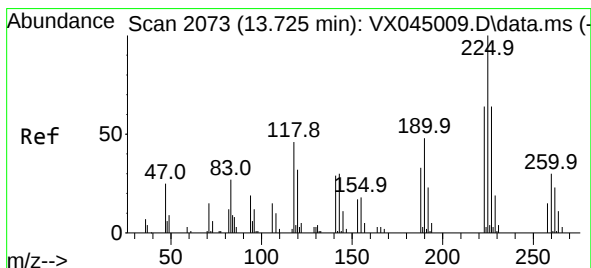
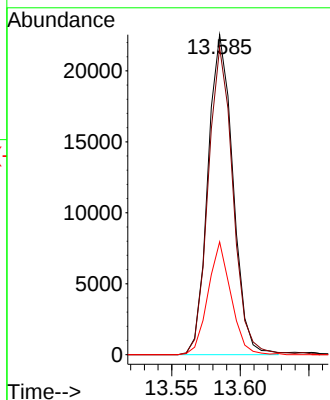
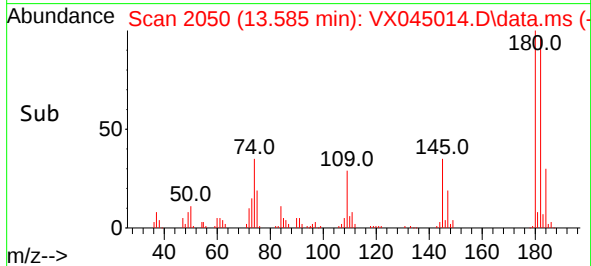
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



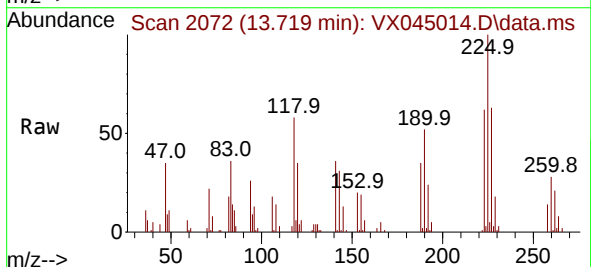
Tgt Ion:180 Resp: 28630
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 32.4 25.8 38.6

Manual Integrations
APPROVED

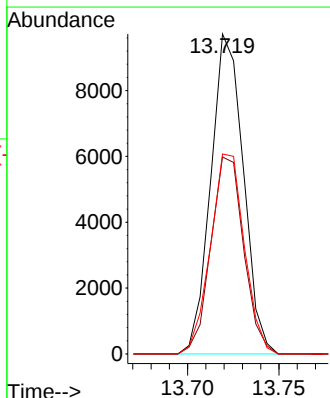
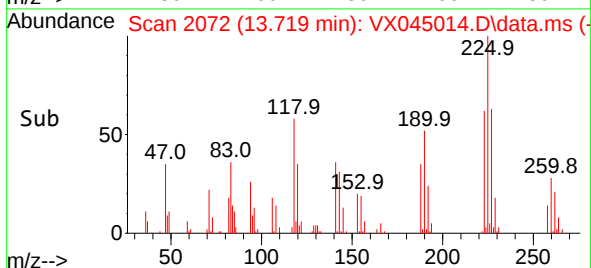
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

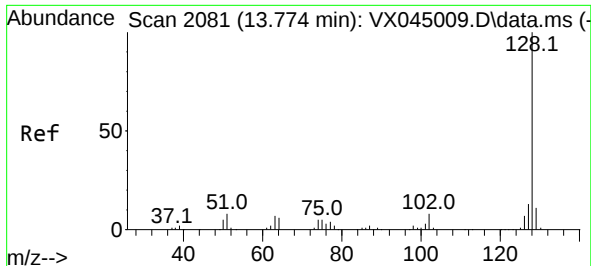


#90
Hexachlorobutadiene
Concen: 18.726 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



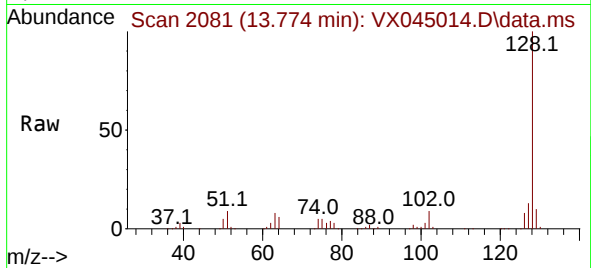
Tgt Ion:225 Resp: 12062
Ion Ratio Lower Upper
225 100
223 62.1 0.0 123.4
227 64.9 0.0 127.4





#91
Naphthalene
Concen: 18.271 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09

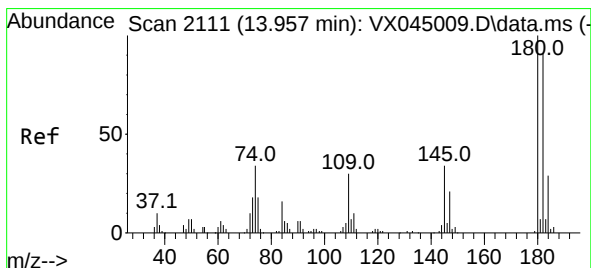
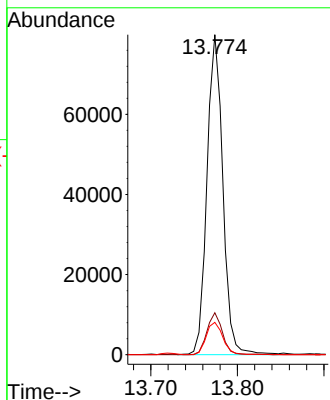
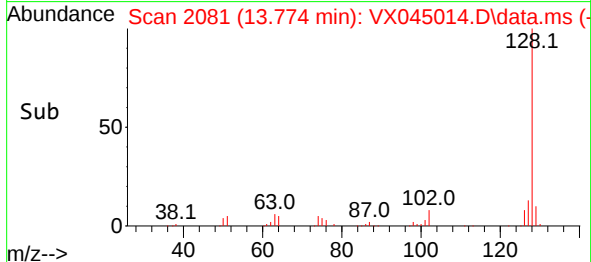
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022125



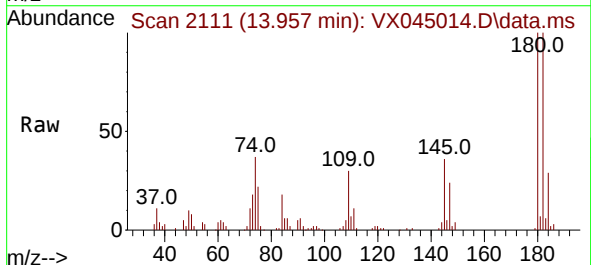
Tgt Ion:128 Resp: 101750
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.312 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045014.D
Acq: 21 Feb 2025 13:09



Tgt Ion:180 Resp: 28151
Ion Ratio Lower Upper
180 100
182 97.1 0.0 186.6
145 34.9 0.0 68.4

