

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046778.D
 Acq On : 20 Jun 2025 11:17
 Operator : JC/MD
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 23:12:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	22072m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	132966	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	121720	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	51597	28.879	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.267%		
60) 4-Bromofluorobenzene	11.079	95	59706	29.102	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.000%		
63) Toluene-d8	8.647	98	159297	29.299	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.667%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	26707	18.611	ug/l	95
3) Chloromethane	1.307	50	28311	19.149	ug/l	94
4) Vinyl Chloride	1.386	62	30152	21.154	ug/l	99
5) Bromomethane	1.630	94	17832	20.949	ug/l	92
6) Chloroethane	1.703	64	17949	21.919	ug/l	93
7) Trichlorofluoromethane	1.904	101	43576	21.345	ug/l	98
8) Diethyl Ether	2.142	74	14866	20.783	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	26658	19.626	ug/l	95
10) 1,1-Dichloroethene	2.331	96	26718	20.278	ug/l	95
11) Methyl Iodide	2.465	142	31740m	17.669	ug/l	
12) Methyl Acetate	2.709	43	21494	12.942	ug/l	98
13) Acrolein	2.246	56	15323	94.154	ug/l	99
14) Acrylonitrile	3.069	53	53157	77.884	ug/l	99
15) Acetone	2.386	58	12107	77.574	ug/l	71
16) Carbon Disulfide	2.526	76	73164	20.014	ug/l	99
17) Allyl chloride	2.678	41	47252	19.766	ug/l	95
18) Methylene Chloride	2.800	84	28704m	19.740	ug/l	
19) trans-1,2-Dichloroethene	3.105	96	27878	20.417	ug/l	93
20) Diisopropyl ether	3.764	45	92360	20.421	ug/l	90
21) 1,1-Dichloroethane	3.617	63	51557	19.895	ug/l	97
22) cis-1,2-Dichloroethene	4.501	96	30659	19.259	ug/l	96
23) tert-Butyl Alcohol	2.947	59	8859	64.266	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	72218	17.942	ug/l	95
25) Chloroform	5.099	83	52568	19.708	ug/l	97
26) Cyclohexane	5.477	56	48023	20.311	ug/l #	97
29) 1,1-Dichloropropene	5.702	75	36885m	17.631	ug/l	
30) 2-Butanone	4.562	43	56308	60.405	ug/l	98
31) 2,2-Dichloropropane	4.483	77	38410	20.681	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	44768	17.319	ug/l	97
33) Carbon Tetrachloride	5.684	117	31775m	13.850	ug/l	
34) Benzene	6.044	78	110889	18.041	ug/l	94
35) Methacrylonitrile	4.922	41	14936	13.066	ug/l	94
36) 1,2-Dichloroethane	6.092	62	37351	16.062	ug/l #	91
37) Trichloroethene	7.129	130	28724	18.624	ug/l	83
38) Methylcyclohexane	7.379	83	49551	18.660	ug/l	96
39) 1,2-Dichloropropane	7.428	63	27148	17.706	ug/l	92
40) Dibromomethane	7.580	93	17873	15.593	ug/l	57
41) Bromodichloromethane	7.818	83	40231	17.228	ug/l #	97
42) Vinyl Acetate	3.727	43	334640	83.195	ug/l	98

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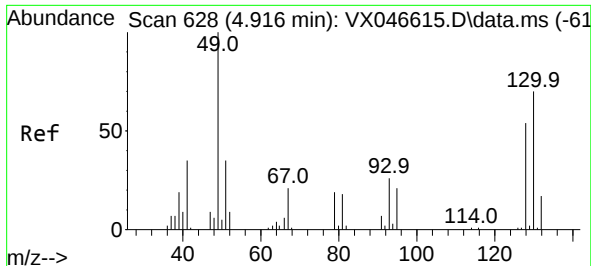
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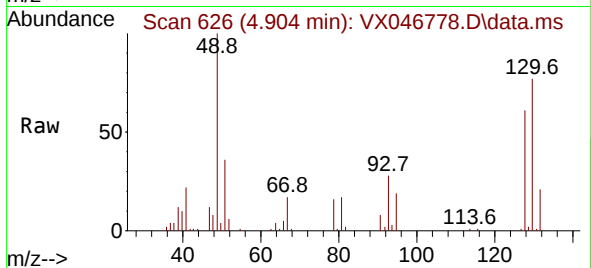
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	28139m	14.250	ug/l	
44) Isopropyl Acetate	6.342	43	43020	13.928	ug/l	99
45) 1,4-Dioxane	7.659	88	5154	264.546	ug/l #	92
46) Methyl methacrylate	7.696	41	23031	13.657	ug/l	96
47) n-amyl Acetate	10.842	43	40730	14.743	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	36574	17.471	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	41537	17.773	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	24893	17.232	ug/l #	82
51) Ethyl methacrylate	9.116	69	32866	14.962	ug/l	91
52) 1,3-Dichloropropane	9.305	76	43529	17.299	ug/l	97
53) Dibromochloromethane	9.519	129	27709	16.273	ug/l	57
54) 1,2-Dibromoethane	9.604	107	24674	16.238	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	99966	87.142	ug/l	100
56) Bromoform	10.774	173	339m	0.322	ug/l	
58) 4-Methyl-2-Pentanone	8.568	43	125593	63.434	ug/l	98
59) 2-Hexanone	9.427	43	84612	60.578	ug/l	96
61) Tetrachloroethene	9.269	164	25146	19.712	ug/l	96
62) Toluene	8.714	91	122863	18.625	ug/l	99
64) Chlorobenzene	10.073	112	80204	18.851	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	27025	18.953	ug/l	98
66) Ethyl Benzene	10.189	91	136145	18.075	ug/l	99
67) m/p-Xylenes	10.299	106	104719	37.588	ug/l	95
68) o-Xylene	10.640	106	50275	18.742	ug/l	95
69) Styrene	10.653	104	85079	18.504	ug/l	99
70) Isopropylbenzene	10.957	105	133340	18.523	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	31745	15.012	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	26037m	14.749	ug/l	
73) Bromobenzene	11.195	156	30978	18.359	ug/l	96
74) n-propylbenzene	11.299	91	162229	18.847	ug/l	100
75) 2-Chlorotoluene	11.360	91	94517	18.342	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	109964	18.385	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	9170	15.376	ug/l	83
78) 4-Chlorotoluene	11.451	91	110260	18.494	ug/l	97
79) tert-butylbenzene	11.713	119	111464	18.687	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	110376	18.686	ug/l	99
81) sec-Butylbenzene	11.884	105	144888	18.982	ug/l	98
82) p-Isopropyltoluene	12.006	119	121430	19.383	ug/l	96
83) 1,3-Dichlorobenzene	11.963	146	60889	19.385	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	61727	19.542	ug/l	98
85) n-Butylbenzene	12.329	91	115050	19.063	ug/l	99
86) Hexachloroethane	12.536	117	18935	17.403	ug/l	90
87) 1,2-Dichlorobenzene	12.329	146	58173	19.251	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	5318	12.191	ug/l	84
89) 1,2,4-Trichlorobenzene	13.585	180	39384	19.769	ug/l	99
90) Hexachlorobutadiene	13.719	225	17181	19.586	ug/l	96
91) Naphthalene	13.774	128	99578	15.755	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	37432	19.142	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.904 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

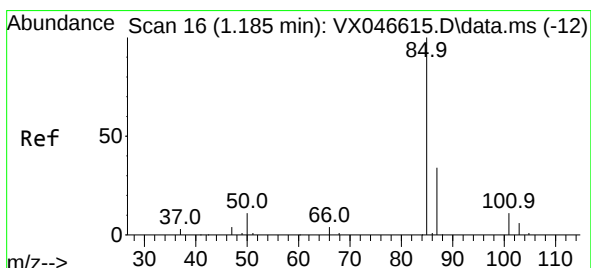
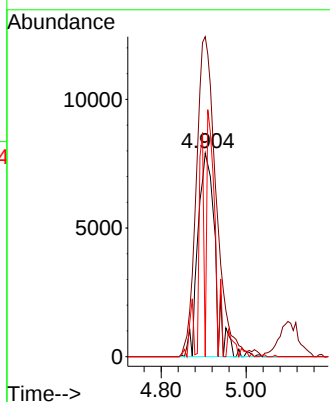
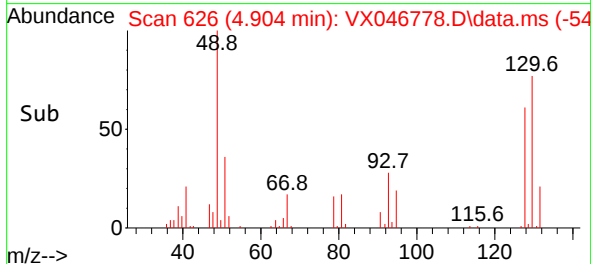
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion:128 Resp: 22072
Ion Ratio Lower Upper
128 100
49 182.0 0.0 448.3
130 50.7 0.0 312.0

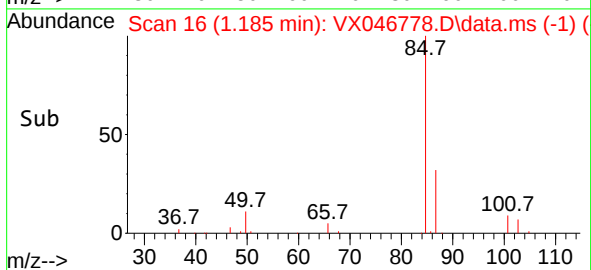
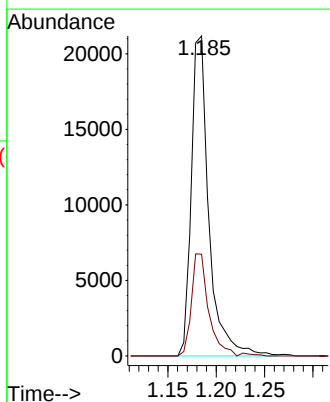
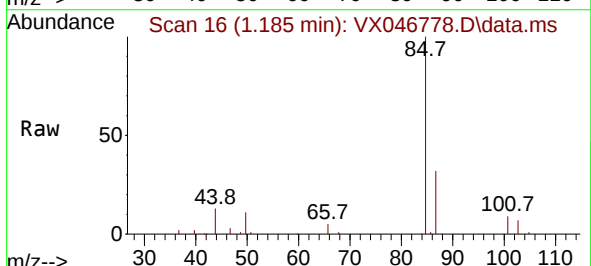
Manual Integrations
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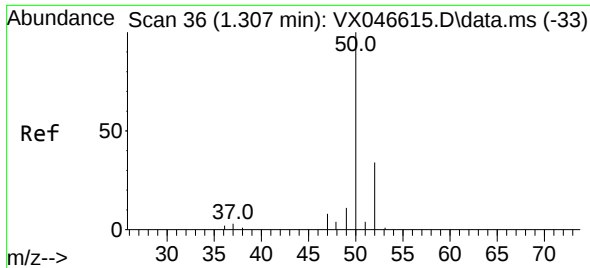
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#2
Dichlorodifluoromethane
Concen: 18.611 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 85 Resp: 26707
Ion Ratio Lower Upper
85 100
87 31.4 17.1 51.3





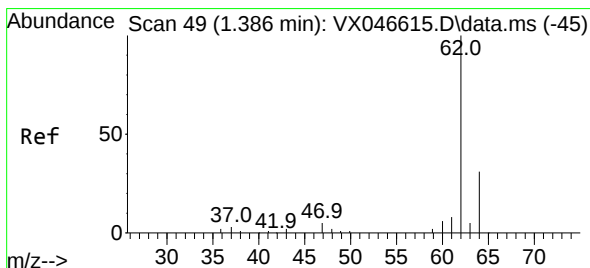
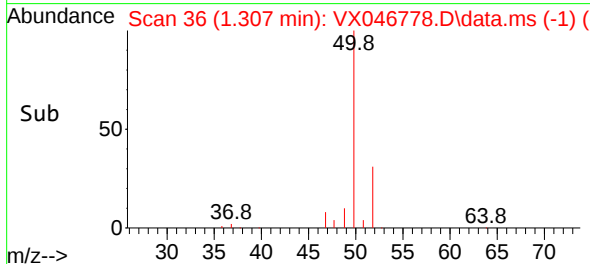
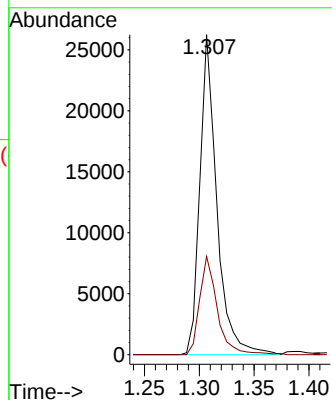
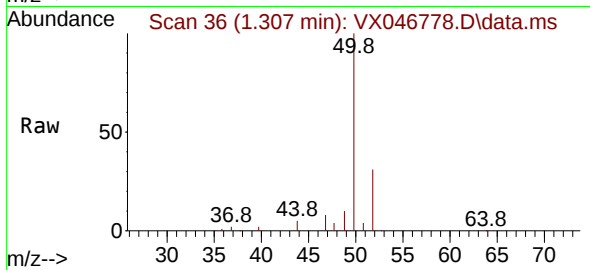
#3
Chloromethane
Concen: 19.149 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion: 50 Resp: 2831
Ion Ratio Lower Upper
50 100
52 31.0 27.4 41.2

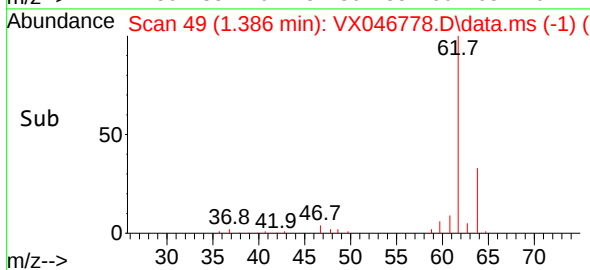
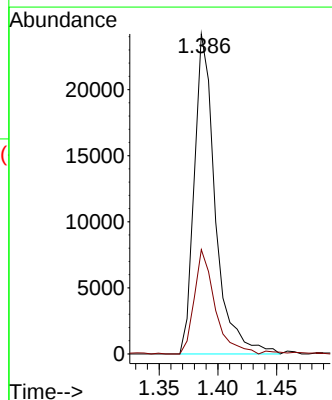
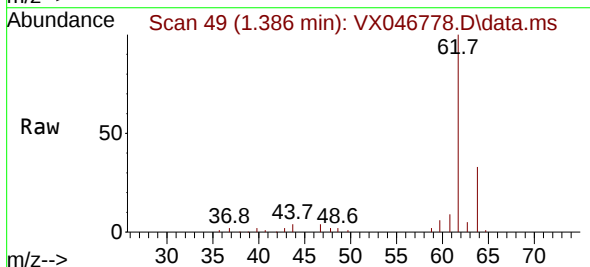
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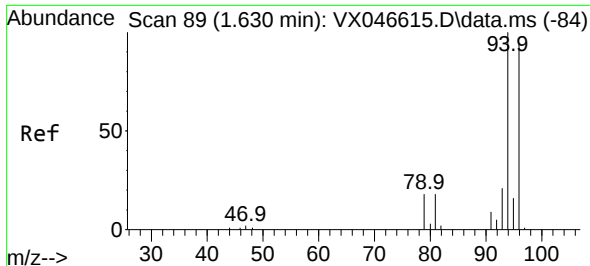
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#4
Vinyl Chloride
Concen: 21.154 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

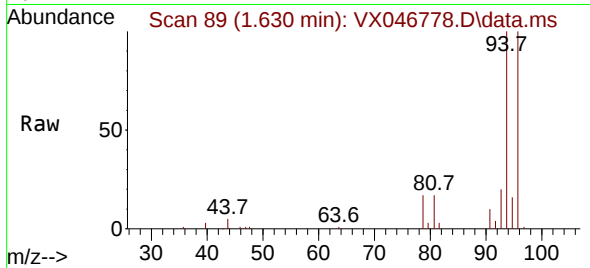
Tgt Ion: 62 Resp: 30152
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5
Bromomethane
Concen: 20.949 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

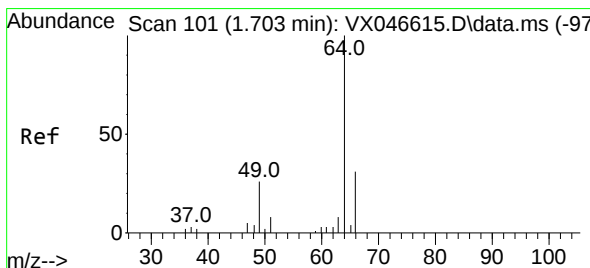
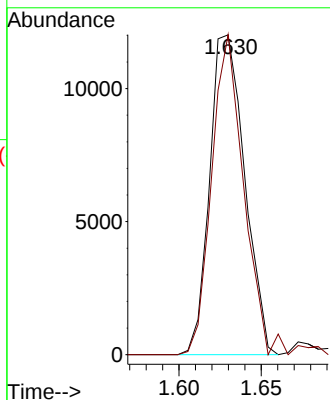
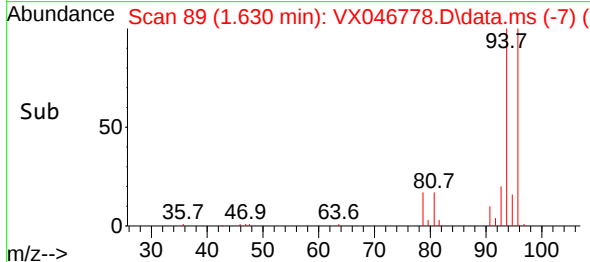
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 94 Resp: 1783
Ion Ratio Lower Upper
94 100
96 86.6 75.5 113.3

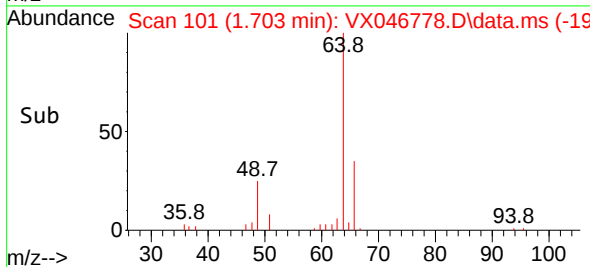
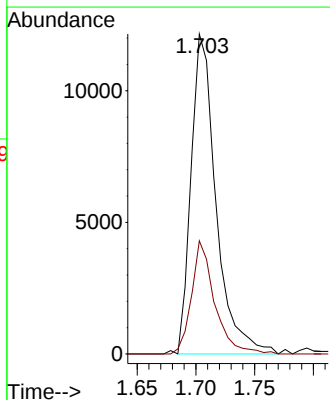
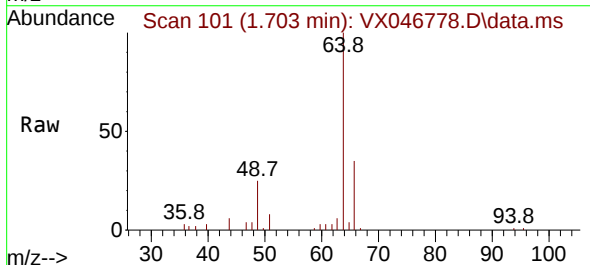
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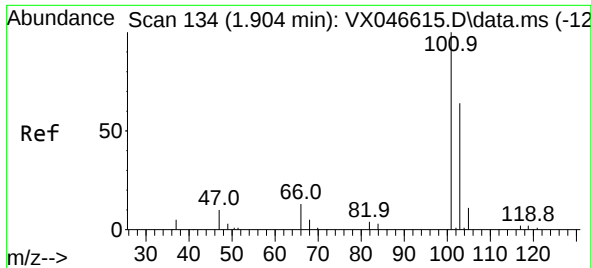
Reviewed By :John Carlone 06/23/2025
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#6
Chloroethane
Concen: 21.919 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

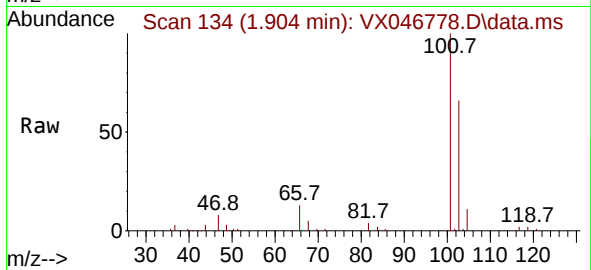
Tgt Ion: 64 Resp: 17949
Ion Ratio Lower Upper
64 100
66 35.4 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 21.345 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046778.D
 Acq: 20 Jun 2025 11:17

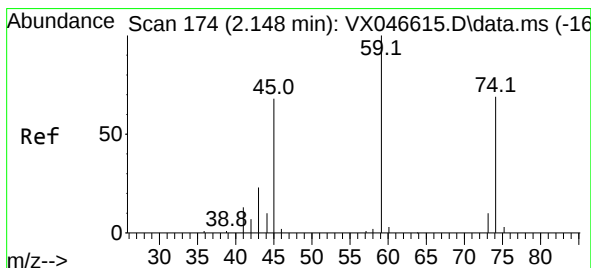
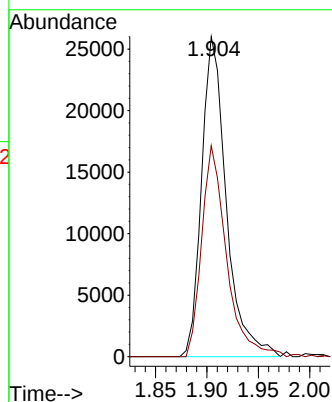
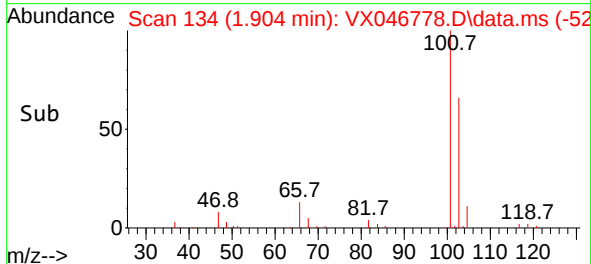
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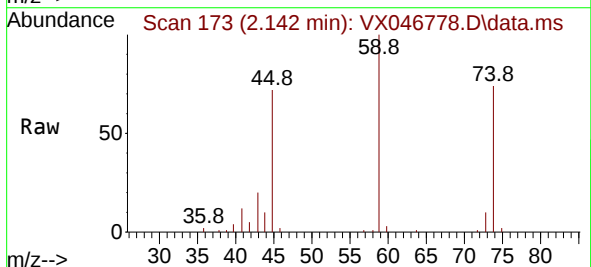
Tgt Ion:101 Resp: 43570
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.5 77.3

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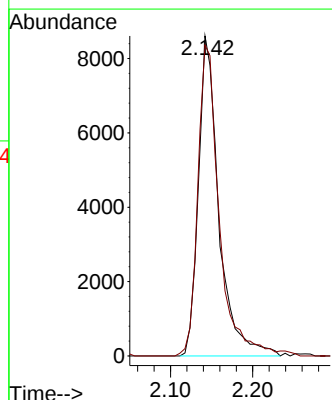
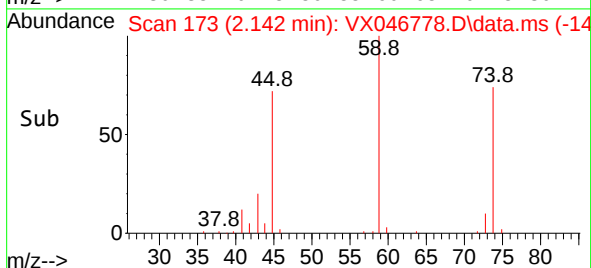
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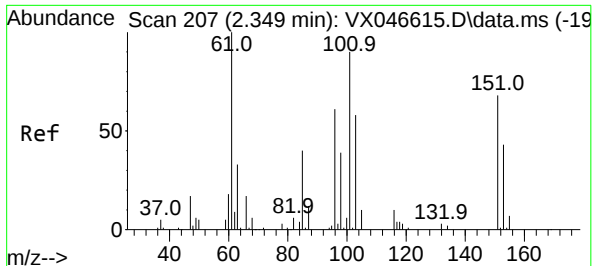


#8
 Diethyl Ether
 Concen: 20.783 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX046778.D
 Acq: 20 Jun 2025 11:17



Tgt Ion: 74 Resp: 14866
 Ion Ratio Lower Upper
 74 100
 45 101.3 19.3 174.1





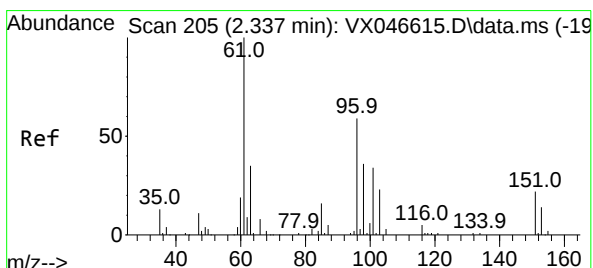
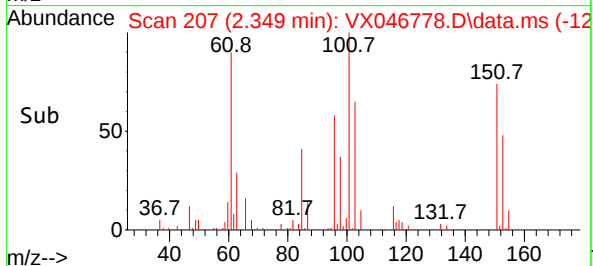
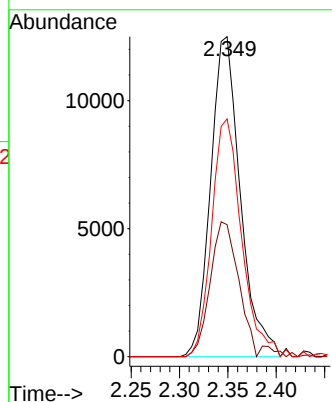
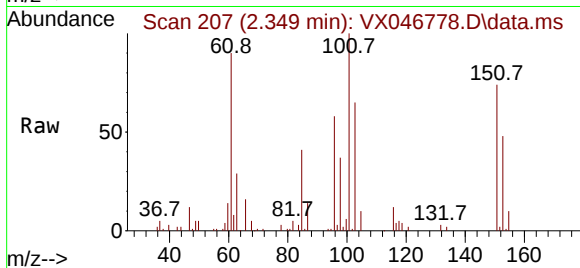
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.626 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion:101 Resp: 26658
Ion Ratio Lower Upper
101 100
85 40.1 0.0 88.2
151 74.4 0.0 141.8

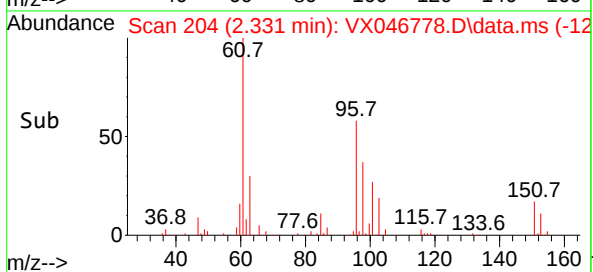
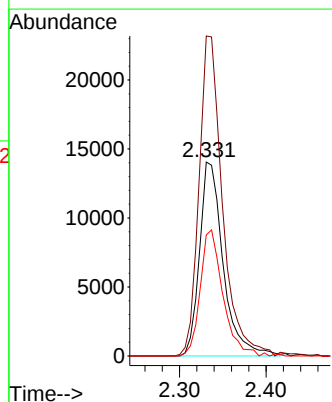
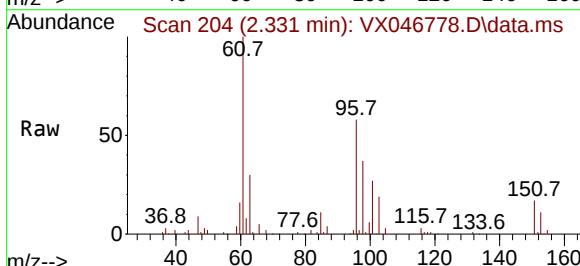
Manual Integrations
APPROVED

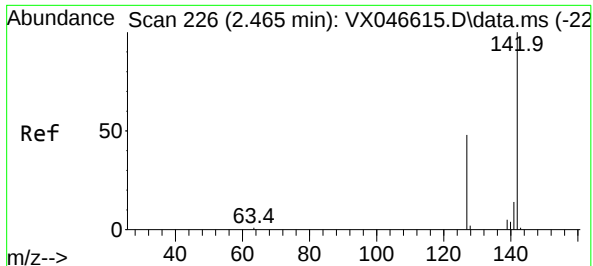
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#10
1,1-Dichloroethene
Concen: 20.278 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

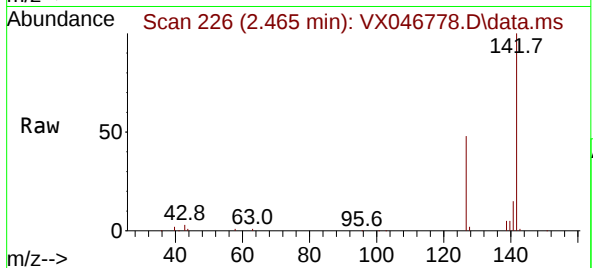
Tgt Ion: 96 Resp: 26718
Ion Ratio Lower Upper
96 100
61 178.1 135.1 202.7
98 62.4 49.0 73.4





#11
Methyl Iodide
Concen: 17.669 ug/l m
RT: 2.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

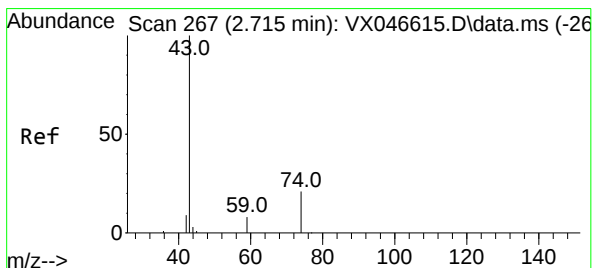
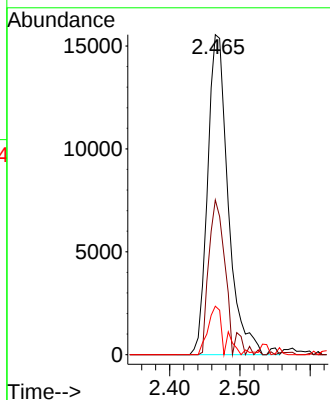
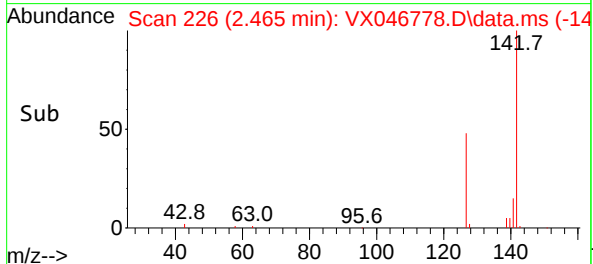
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion:142 Resp: 31740
Ion Ratio Lower Upper
142 100
127 48.3 24.1 72.4
141 15.2 7.0 20.9

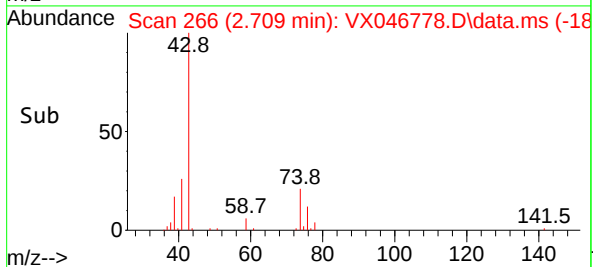
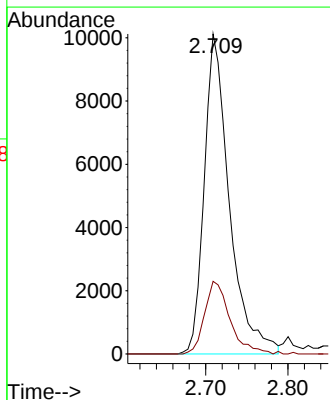
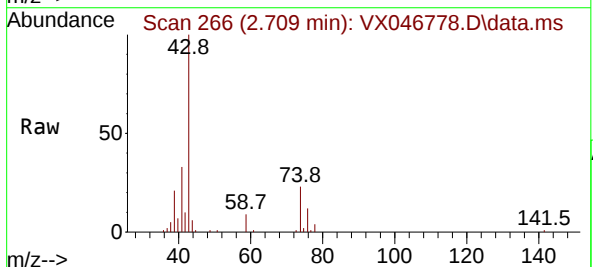
Manual Integrations
APPROVED

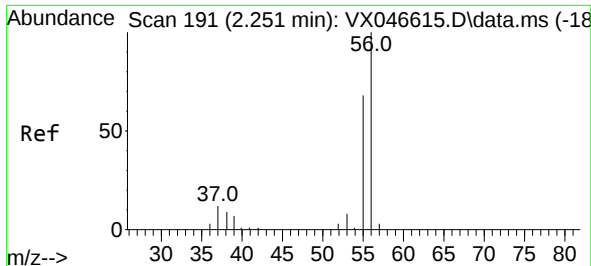
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#12
Methyl Acetate
Concen: 12.942 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

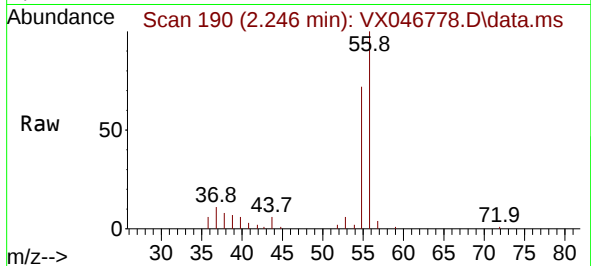
Tgt Ion: 43 Resp: 21494
Ion Ratio Lower Upper
43 100
74 22.2 17.2 25.8





#13
Acrolein
Concen: 94.154 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

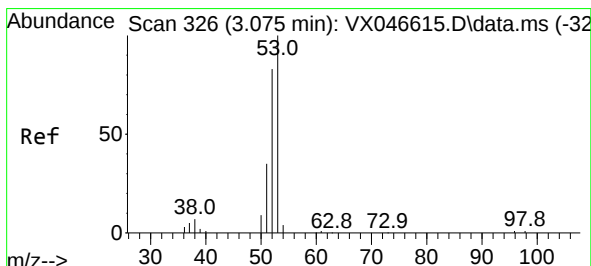
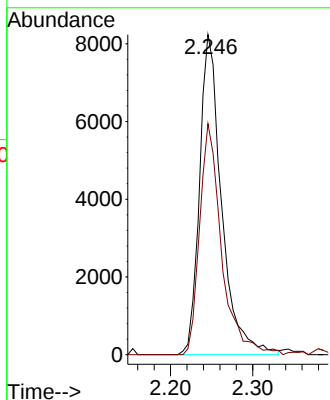
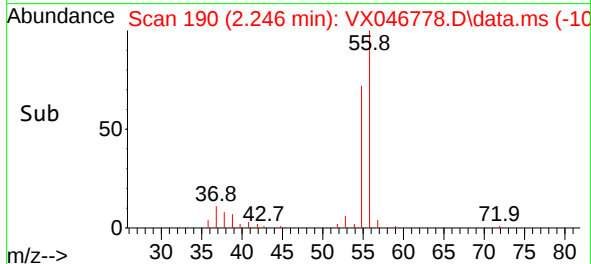
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 56 Resp: 1532
Ion Ratio Lower Upper
56 100
55 69.5 56.0 84.0

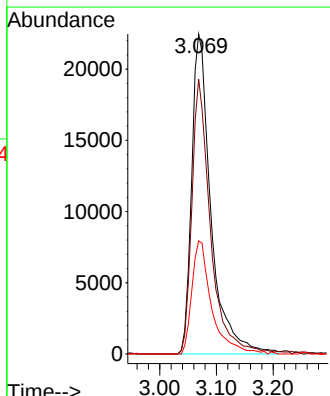
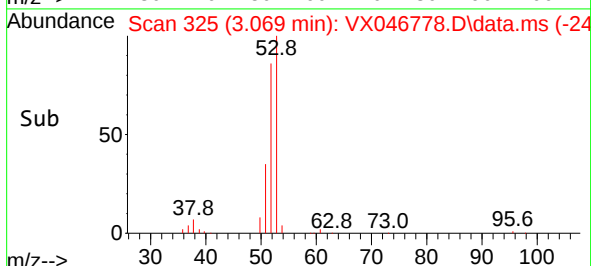
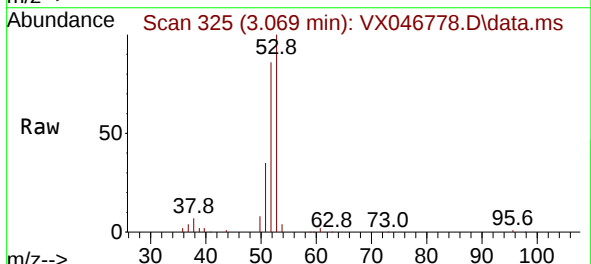
Manual Integrations
APPROVED

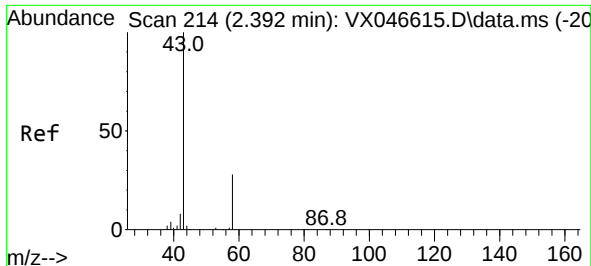
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#14
Acrylonitrile
Concen: 77.884 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

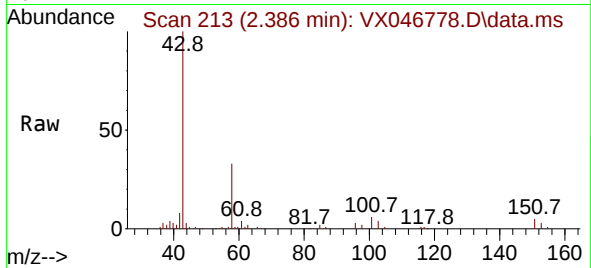
Tgt Ion: 53 Resp: 53157
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.7
51 35.5 18.6 55.8





#15
Acetone
Concen: 77.574 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

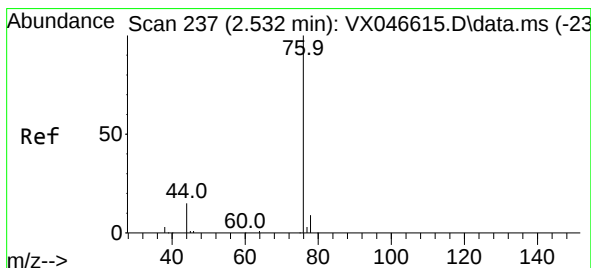
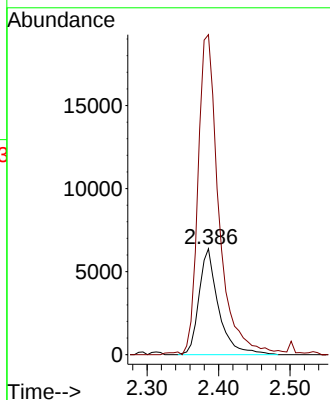
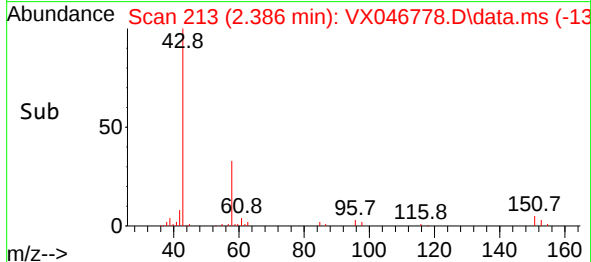
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 58 Resp: 1210
Ion Ratio Lower Upper
58 100
43 299.5 290.6 435.8

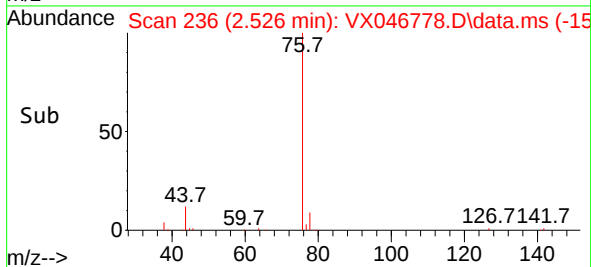
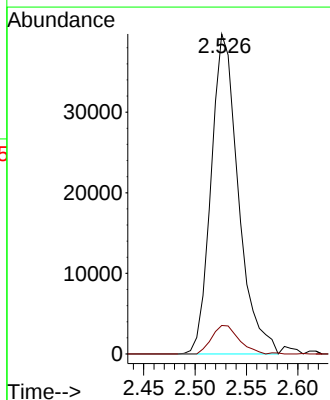
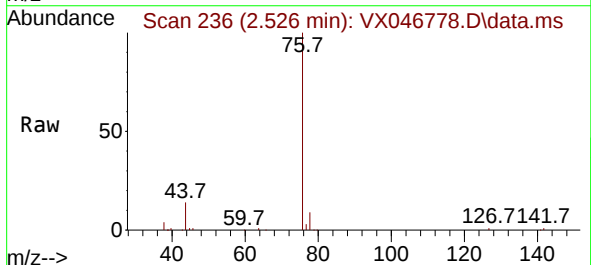
Manual Integrations
APPROVED

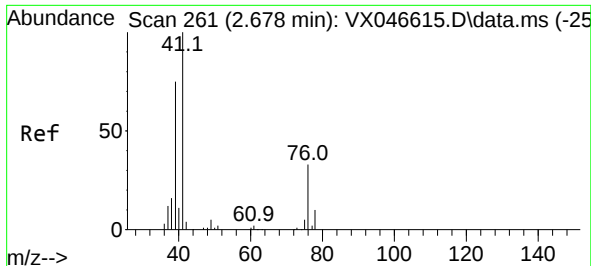
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#16
Carbon Disulfide
Concen: 20.014 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 76 Resp: 73164
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#17

Allyl chloride

Concen: 19.766 ug/l

RT: 2.678 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tgt Ion: 41 Resp: 4725

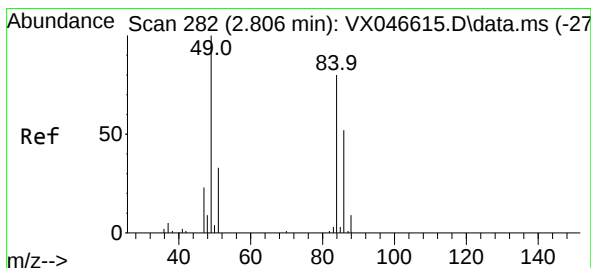
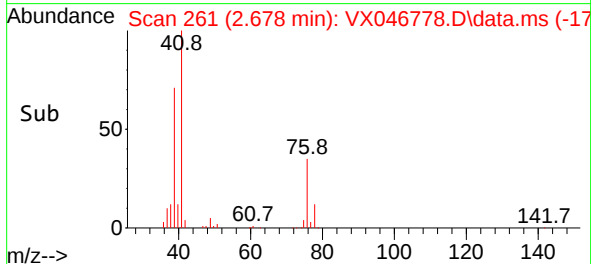
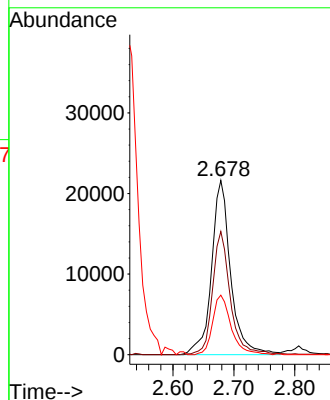
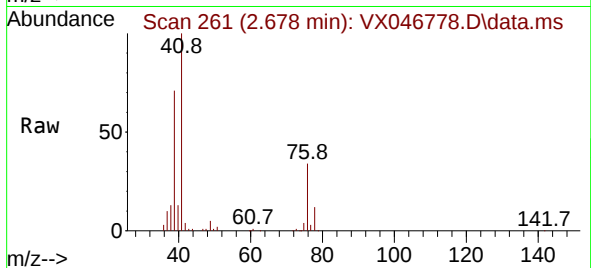
Ion	Ratio	Lower	Upper
41	100		
39	70.1	37.5	112.3
76	36.3	17.4	52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#18

Methylene Chloride

Concen: 19.740 ug/l m

RT: 2.800 min Scan# 281

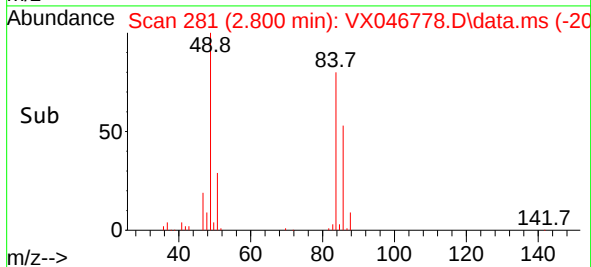
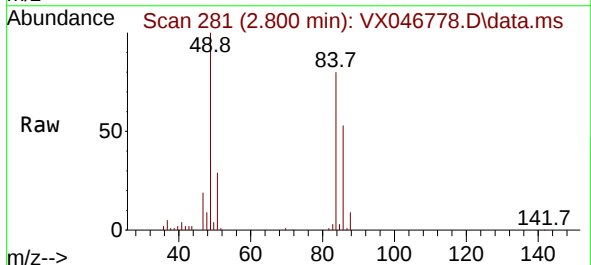
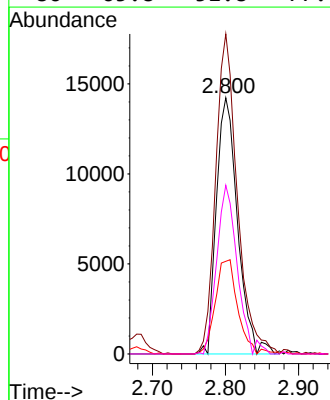
Delta R.T. -0.006 min

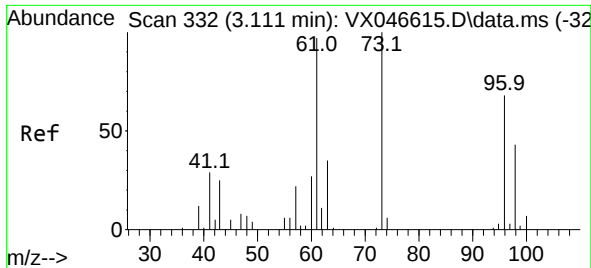
Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

Tgt Ion: 84 Resp: 28704

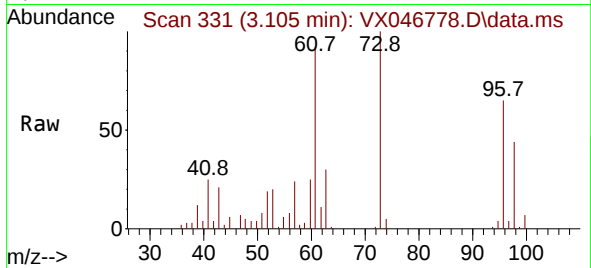
Ion	Ratio	Lower	Upper
84	100		
49	124.9	100.1	150.1
51	36.2	33.0	49.4
86	65.8	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 20.417 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

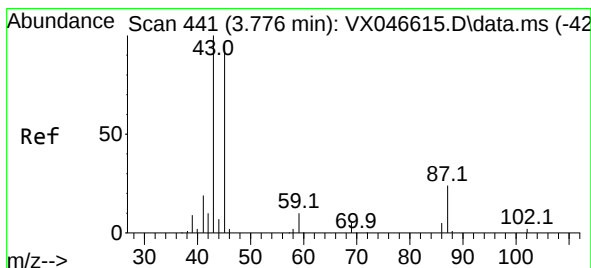
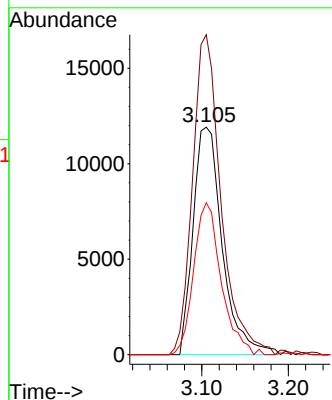
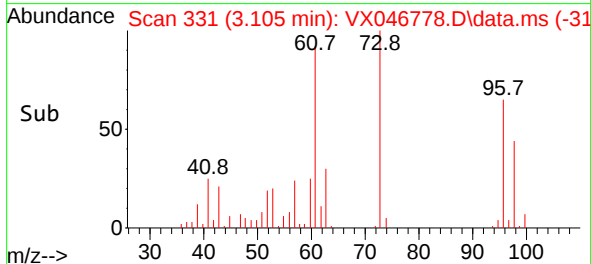
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 96 Resp: 27878
Ion Ratio Lower Upper
96 100
61 131.6 114.5 171.7
98 64.7 50.2 75.4

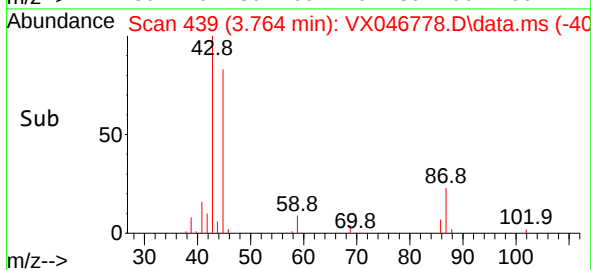
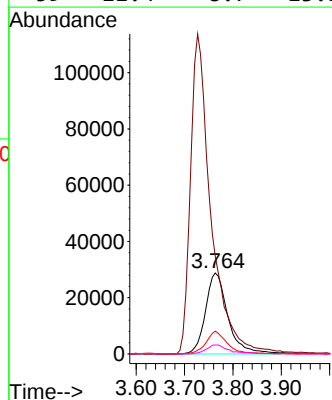
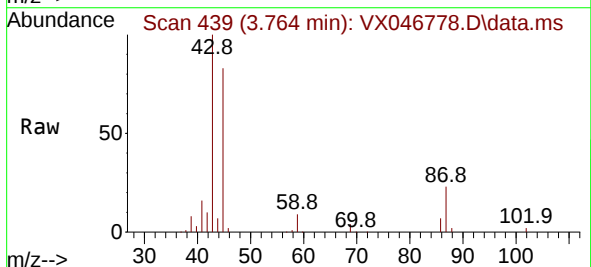
Manual Integrations
APPROVED

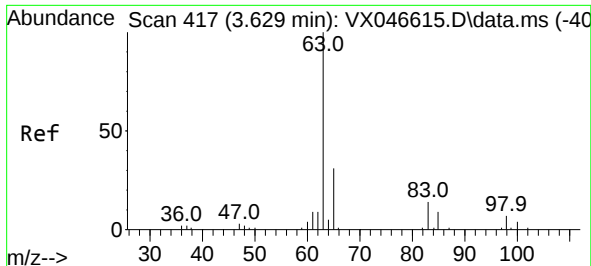
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#20
Diisopropyl ether
Concen: 20.421 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 45 Resp: 92360
Ion Ratio Lower Upper
45 100
43 116.6 83.2 124.8
87 28.2 20.2 30.4
59 11.4 8.7 13.1





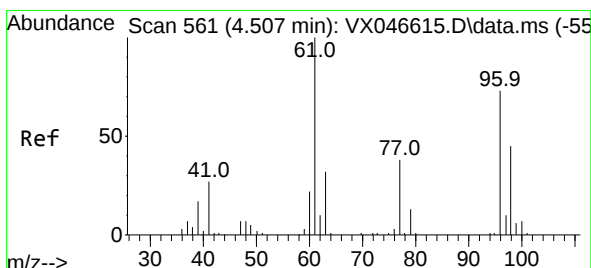
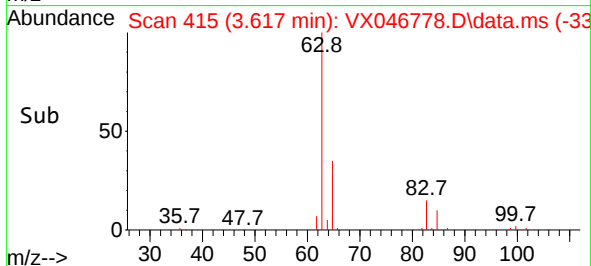
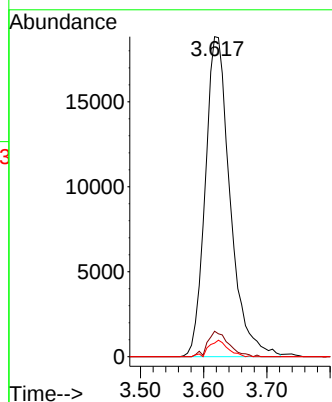
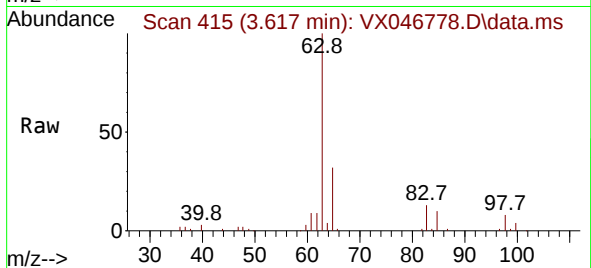
#21
1,1-Dichloroethane
Concen: 19.895 ug/l
RT: 3.617 min Scan# 41
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion: 63 Resp: 5155
Ion Ratio Lower Upper
63 100
98 8.5 3.6 10.8
100 4.3 1.8 5.5

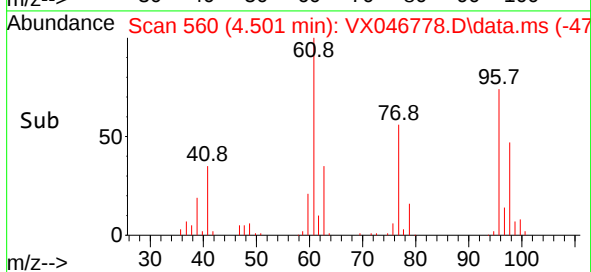
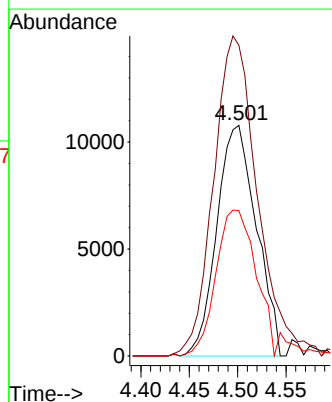
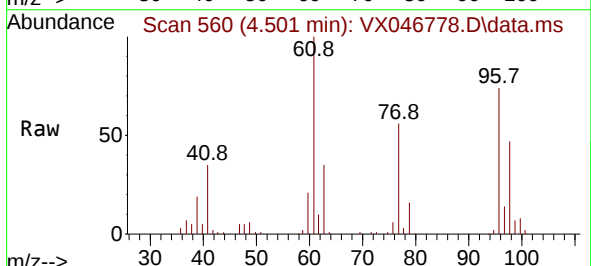
Manual Integrations
APPROVED

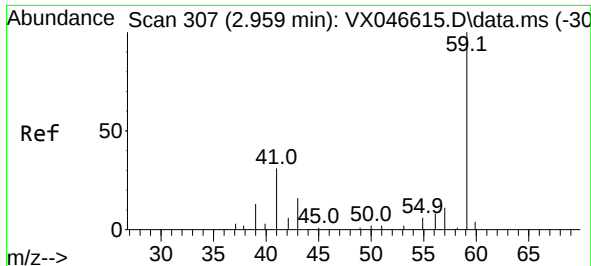
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#22
cis-1,2-Dichloroethene
Concen: 19.259 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

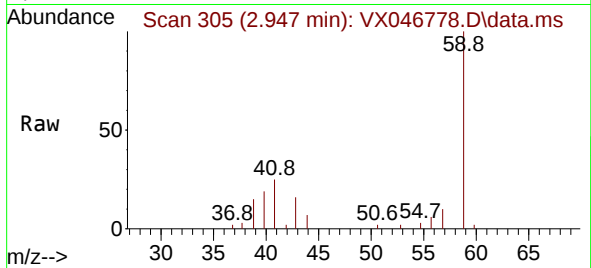
Tgt Ion: 96 Resp: 30659
Ion Ratio Lower Upper
96 100
61 154.1 118.6 177.8
98 63.7 49.6 74.4





#23
tert-Butyl Alcohol
Concen: 64.266 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

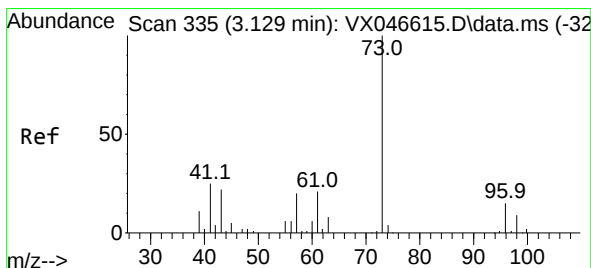
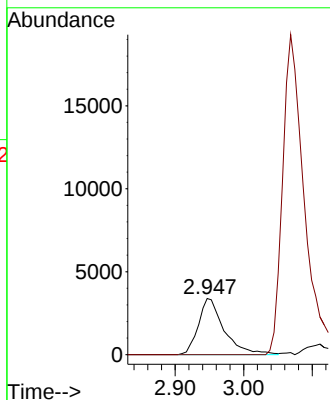
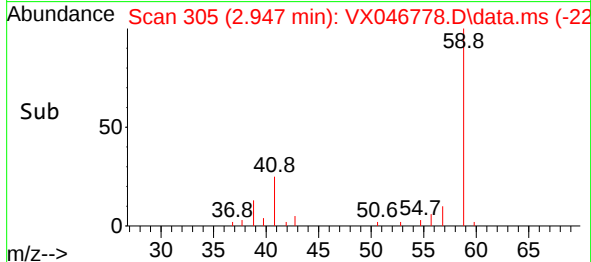
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 59 Resp: 885
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

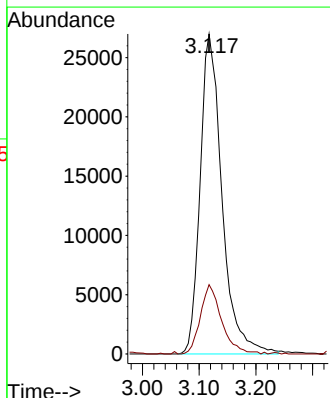
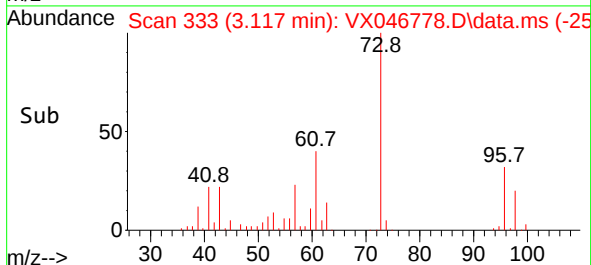
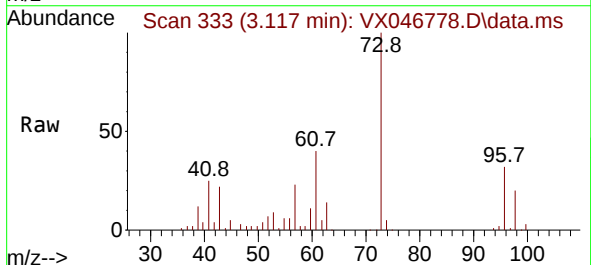
Manual Integrations
APPROVED

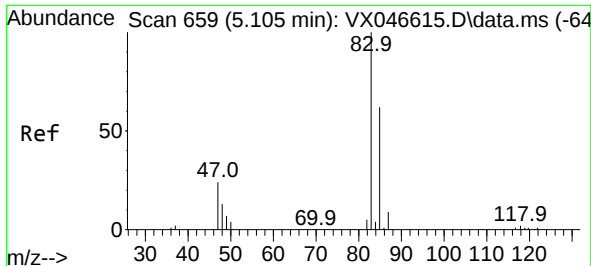
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#24
Methyl tert-Butyl Ether
Concen: 17.942 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

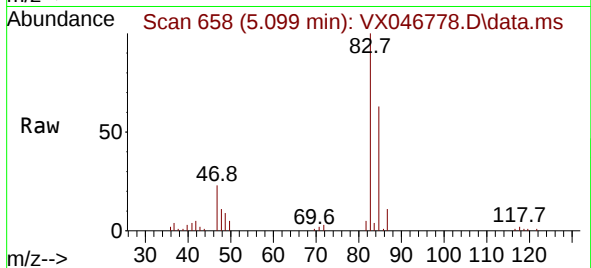
Tgt Ion: 73 Resp: 72218
Ion Ratio Lower Upper
73 100
43 20.8 18.4 27.6





#25
Chloroform
Concen: 19.708 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

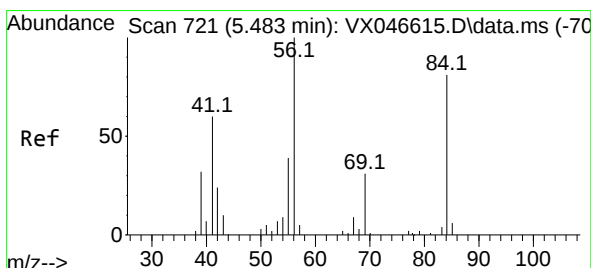
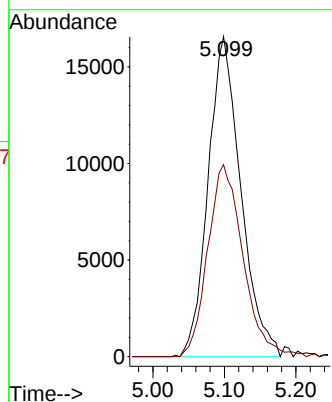
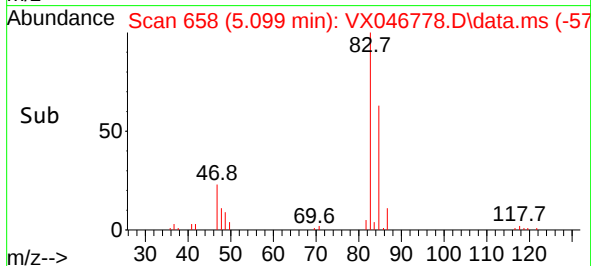
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 83 Resp: 5256
Ion Ratio Lower Upper
83 100
85 60.0 49.8 74.6

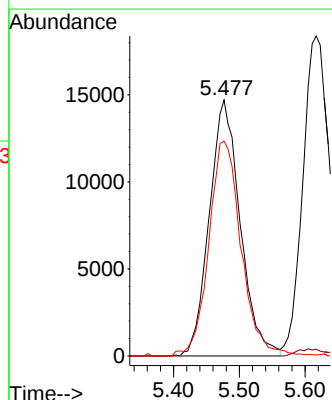
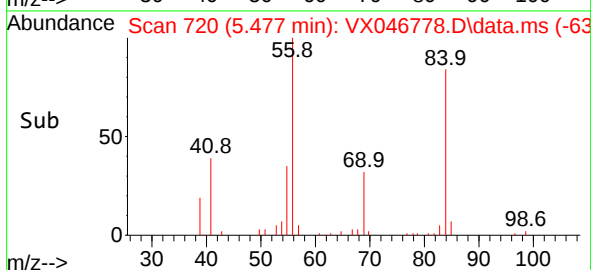
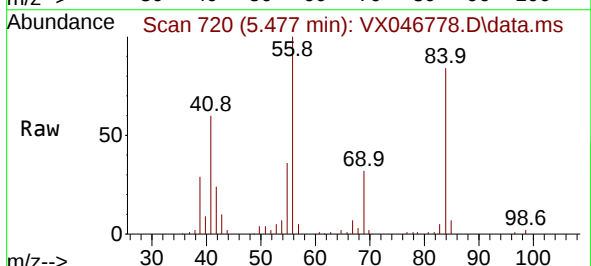
Manual Integrations
APPROVED

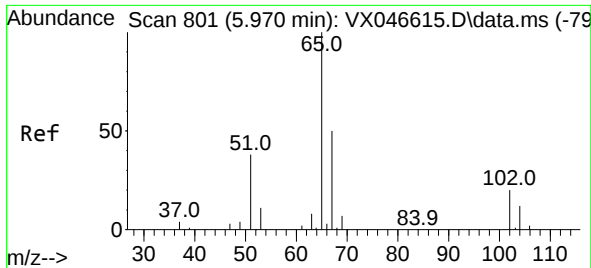
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#26
Cyclohexane
Concen: 20.311 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 56 Resp: 48023
Ion Ratio Lower Upper
56 100
89 0.8 0.0 0.0#
84 87.2 67.4 101.0





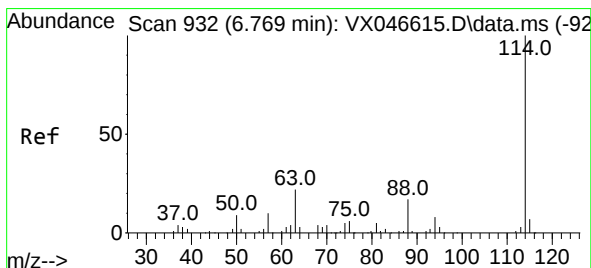
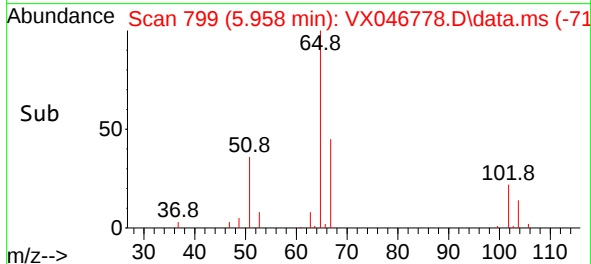
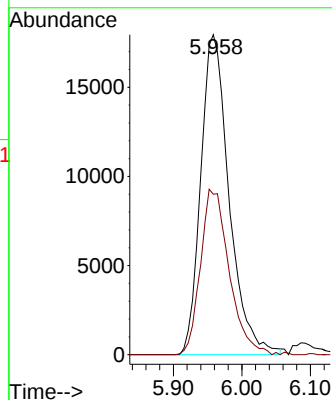
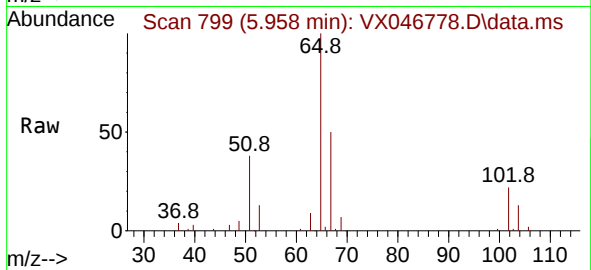
#27
1,2-Dichloroethane-d4
Concen: 28.879 ug/l
RT: 5.958 min Scan# 79
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion: 65 Resp: 5159
Ion Ratio Lower Upper
65 100
67 52.2 41.4 62.2

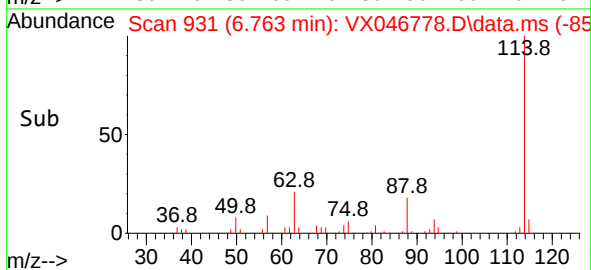
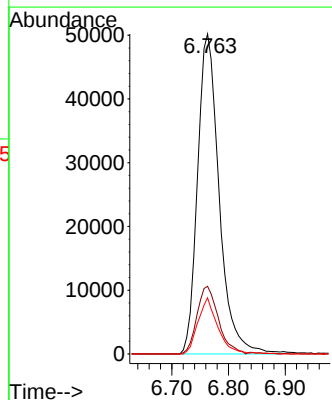
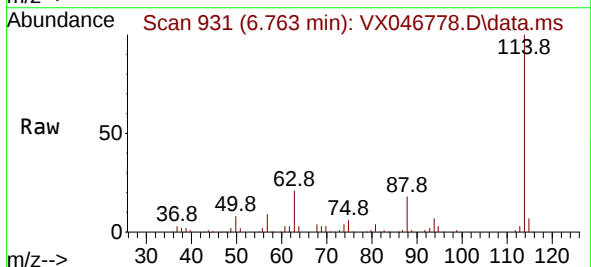
Manual Integrations
APPROVED

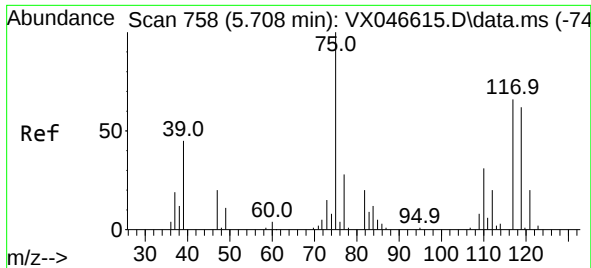
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

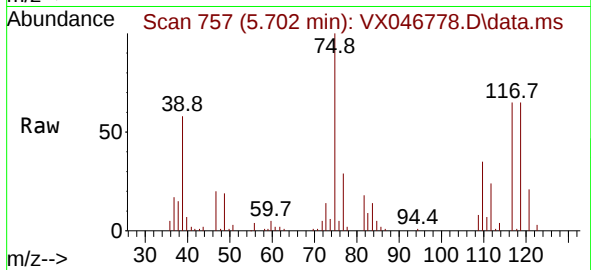
Tgt Ion:114 Resp: 132966
Ion Ratio Lower Upper
114 100
63 20.9 18.1 27.1
88 15.9 14.1 21.1





#29
1,1-Dichloropropene
Concen: 17.631 ug/l m
RT: 5.702 min Scan# 758
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

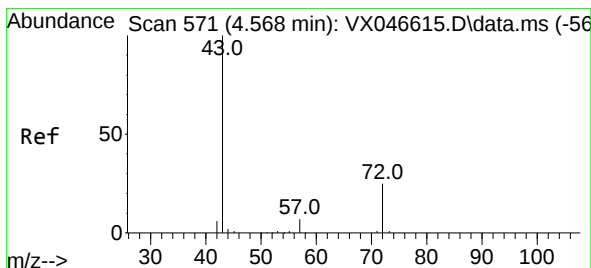
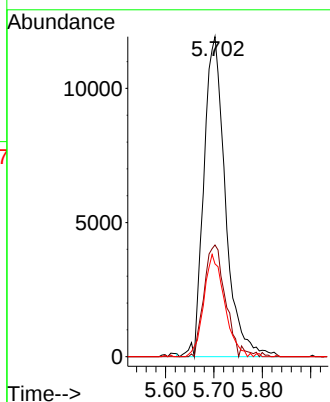
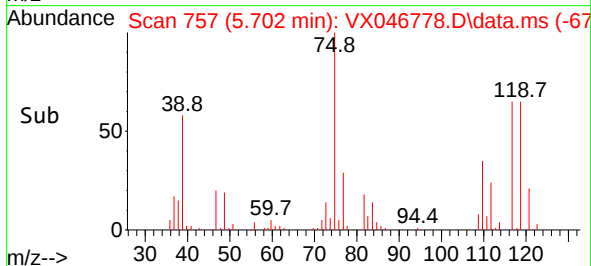
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 75 Resp: 3688
Ion Ratio Lower Upper
75 100
110 33.6 0.0 65.4
77 30.7 0.0 59.8

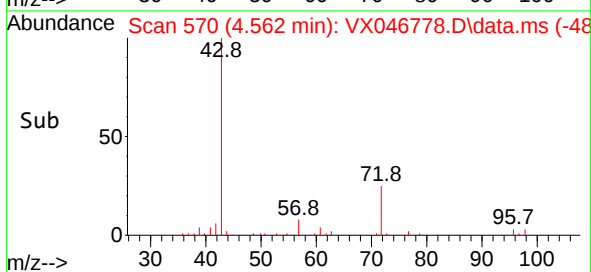
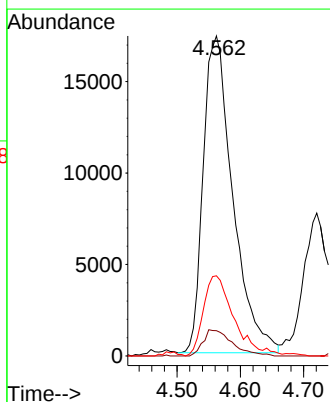
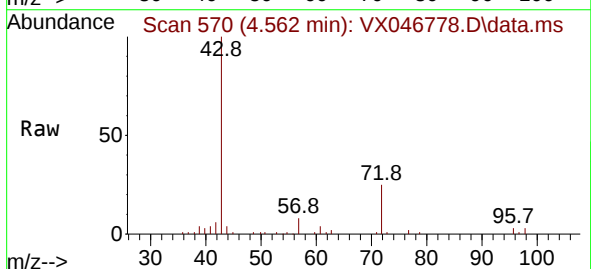
Manual Integrations
APPROVED

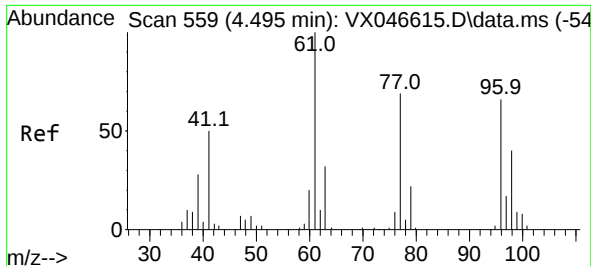
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#30
2-Butanone
Concen: 60.405 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 43 Resp: 56308
Ion Ratio Lower Upper
43 100
57 8.1 5.8 8.6
72 25.3 19.4 29.2





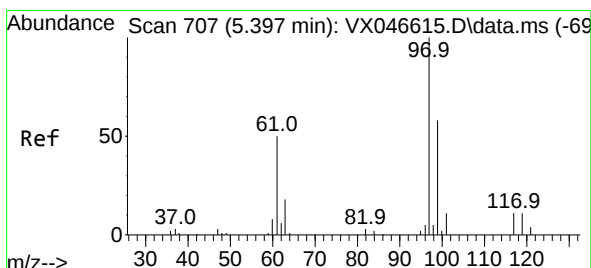
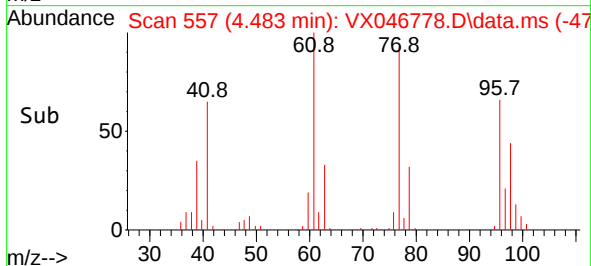
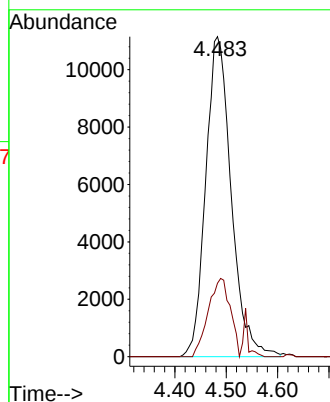
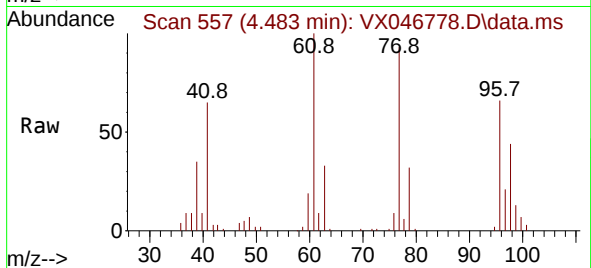
#31
2,2-Dichloropropane
Concen: 20.681 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion: 77 Resp: 38410
Ion Ratio Lower Upper
77 100
97 21.1 18.6 27.8

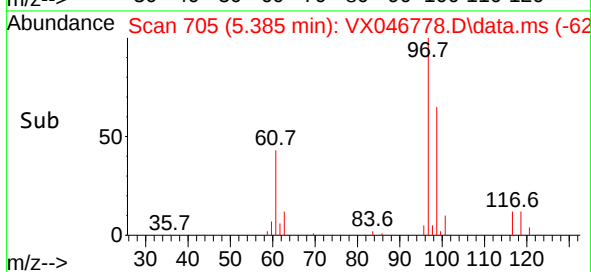
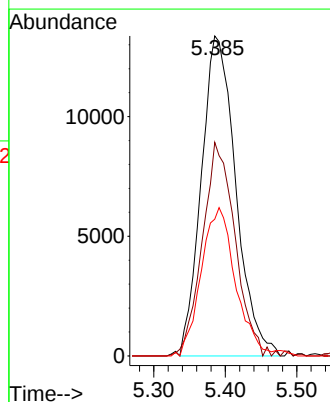
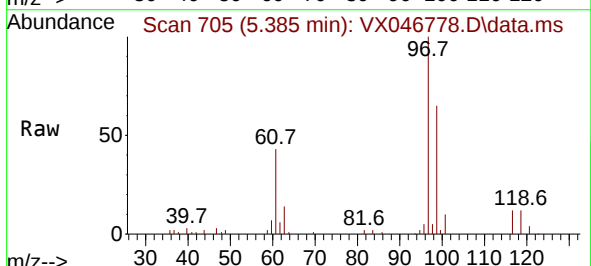
Manual Integrations
APPROVED

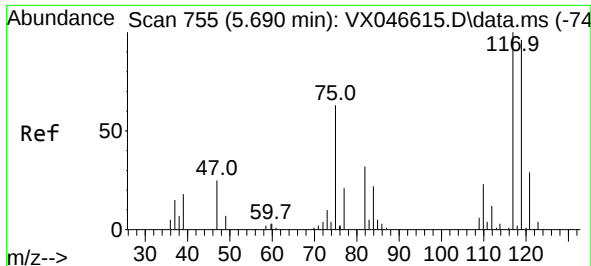
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#32
1,1,1-Trichloroethane
Concen: 17.319 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

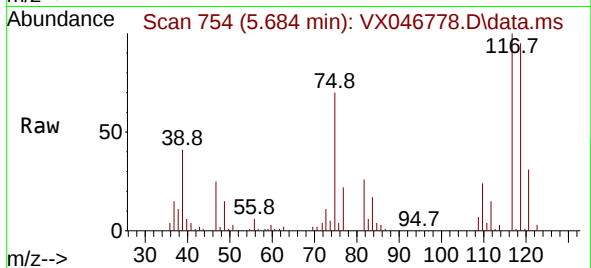
Tgt Ion: 97 Resp: 44768
Ion Ratio Lower Upper
97 100
99 62.9 51.2 76.8
61 45.9 39.5 59.3





#33
Carbon Tetrachloride
Concen: 13.850 ug/l m
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

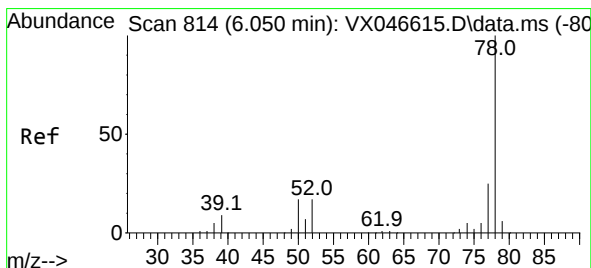
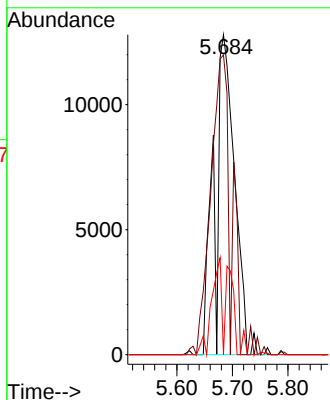
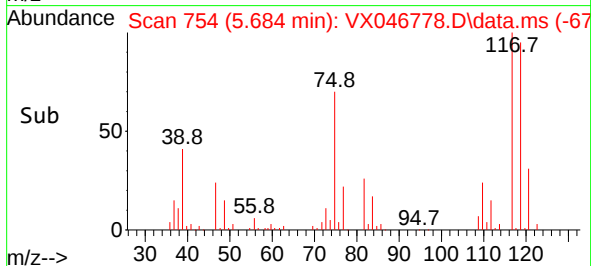
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



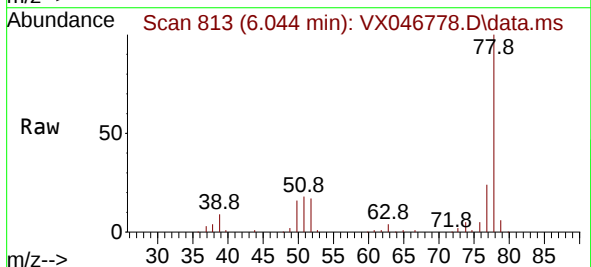
Tgt Ion:117 Resp: 31779
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
121 0.0 23.2 34.8

Manual Integrations
APPROVED

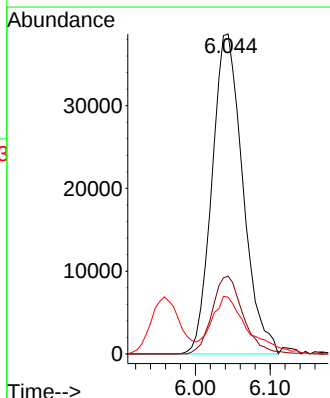
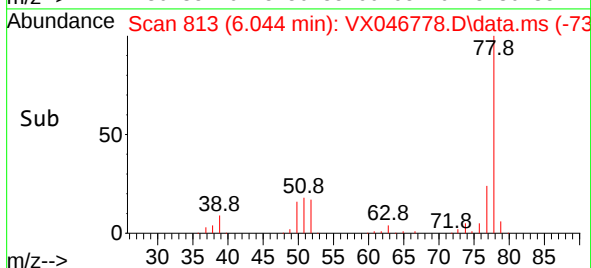
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

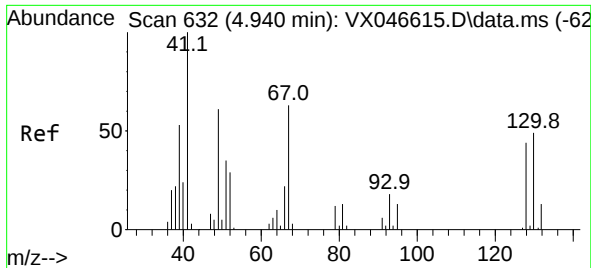


#34
Benzene
Concen: 18.041 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



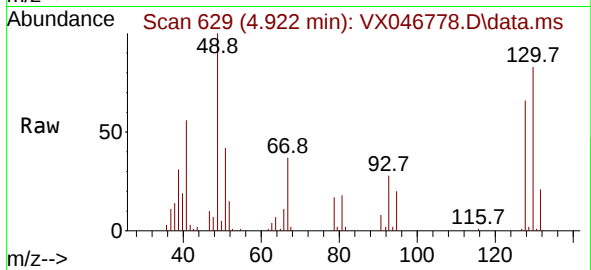
Tgt Ion: 78 Resp: 110889
Ion Ratio Lower Upper
78 100
77 22.9 19.8 29.8
51 14.8 14.7 22.1





#35
Methacrylonitrile
Concen: 13.066 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

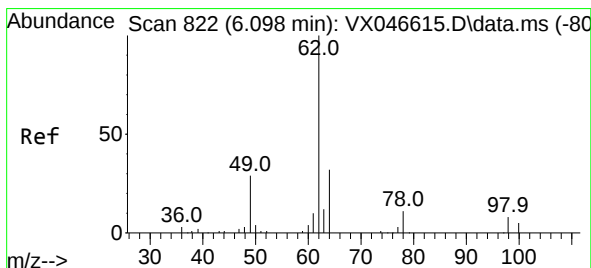
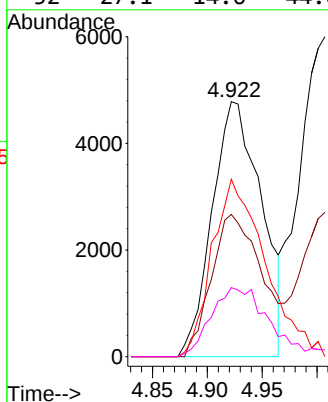
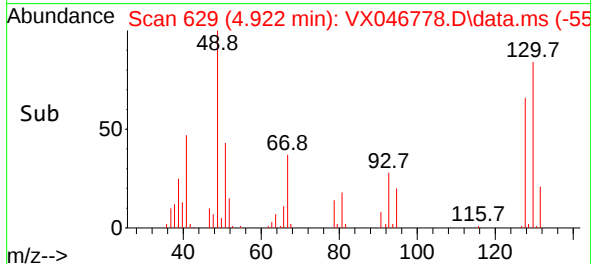
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 41 Resp: 14930
Ion Ratio Lower Upper
41 100
39 55.7 26.4 79.2
67 69.6 31.4 94.3
52 27.1 14.6 44.0

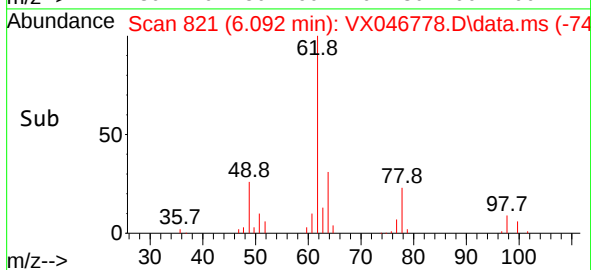
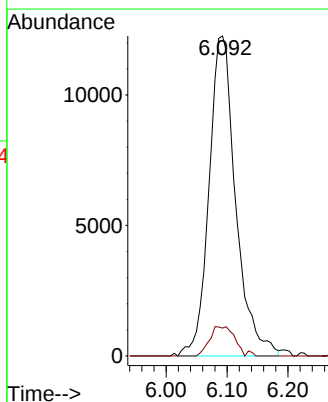
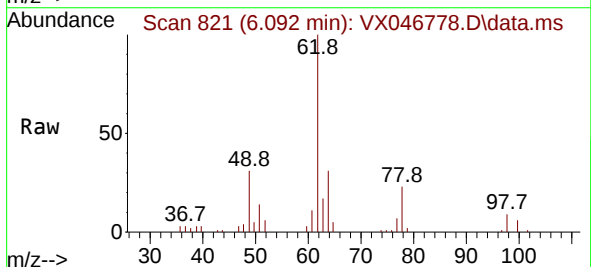
Manual Integrations
APPROVED

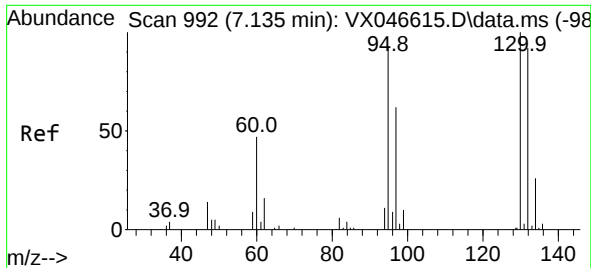
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#36
1,2-Dichloroethane
Concen: 16.062 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

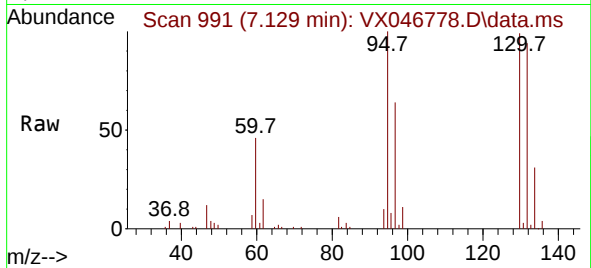
Tgt Ion: 62 Resp: 37351
Ion Ratio Lower Upper
62 100
98 4.8 6.5 9.7#





#37
Trichloroethene
Concen: 18.624 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

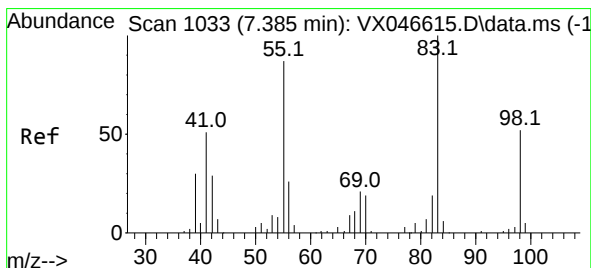
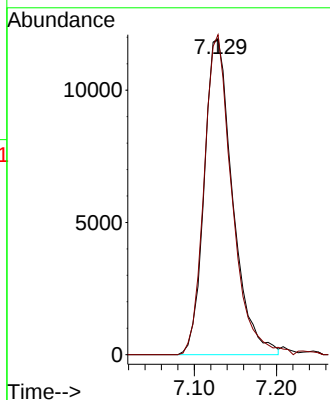
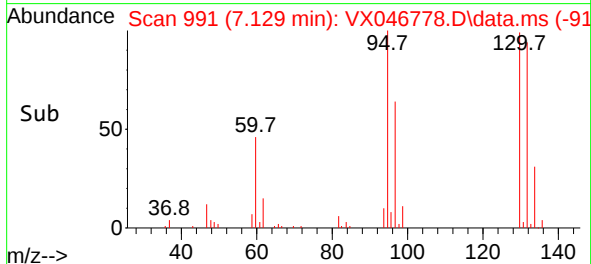
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



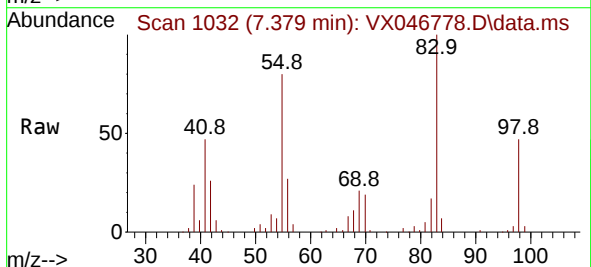
Tgt Ion:130 Resp: 28724
Ion Ratio Lower Upper
130 100
95 109.7 74.7 112.1

Manual Integrations
APPROVED

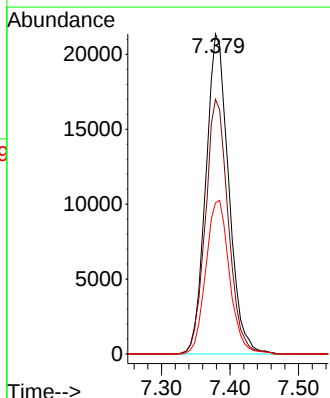
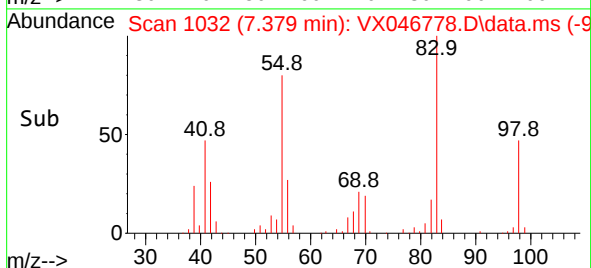
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

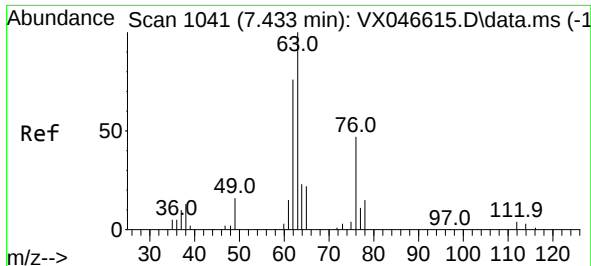


#38
Methylcyclohexane
Concen: 18.660 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



Tgt Ion: 83 Resp: 49551
Ion Ratio Lower Upper
83 100
55 79.7 42.6 128.0
98 49.5 24.8 74.3





#39

1,2-Dichloropropane

Concen: 17.706 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046778.D

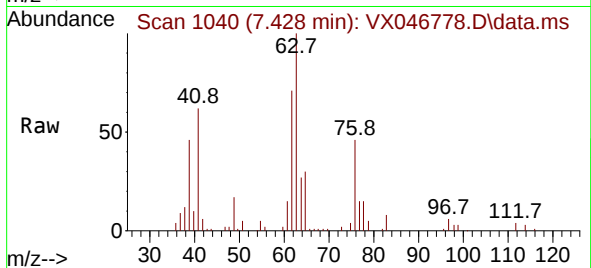
Acq: 20 Jun 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01



Tgt Ion: 63 Resp: 2714

Ion Ratio Lower Upper

63 100

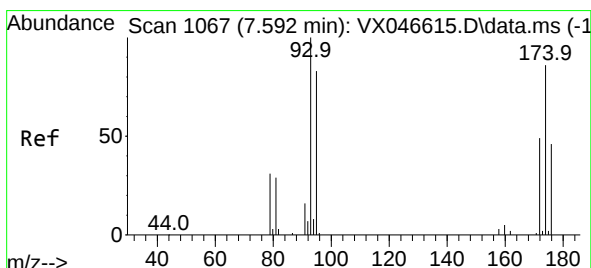
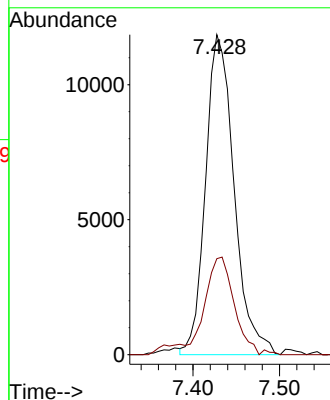
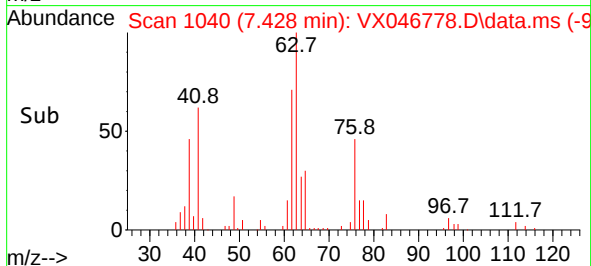
65 30.9 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#40

Dibromomethane

Concen: 15.593 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.012 min

Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

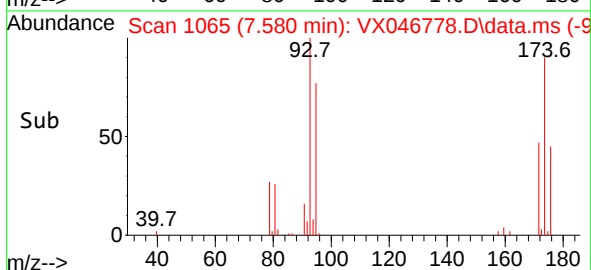
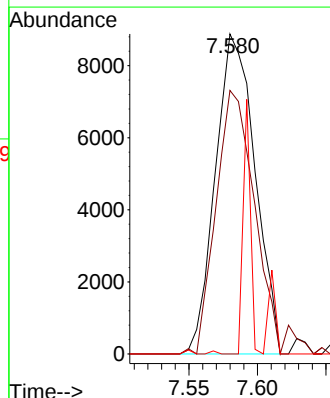
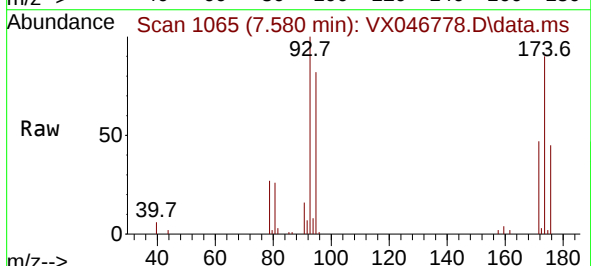
Tgt Ion: 93 Resp: 17873

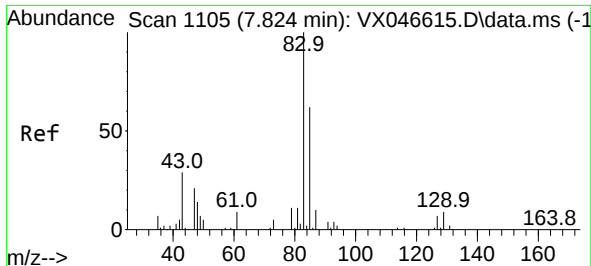
Ion Ratio Lower Upper

93 100

95 78.9 0.0 164.8

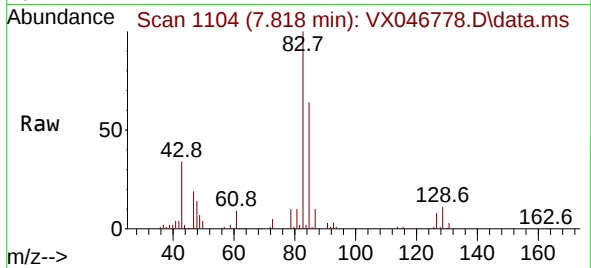
174 14.7 0.0 176.0





#41
Bromodichloromethane
Concen: 17.228 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

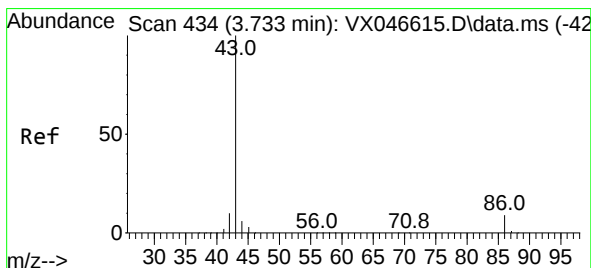
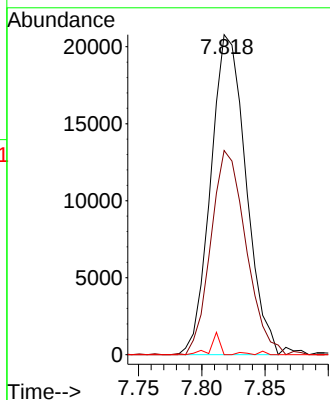
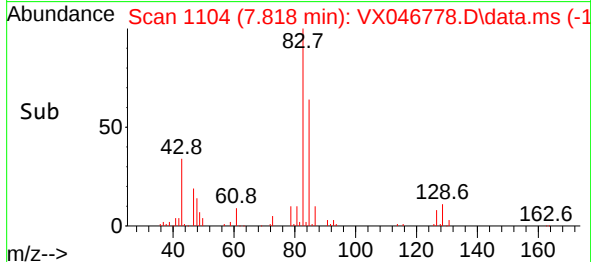
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 83 Resp: 4023
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.6
127 0.0 5.5 8.3

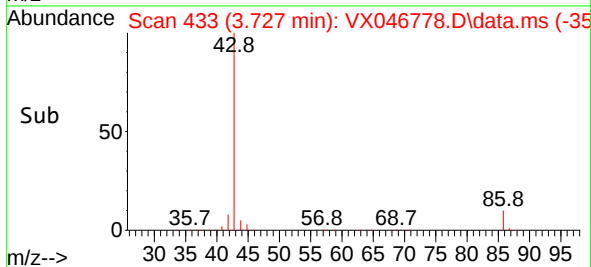
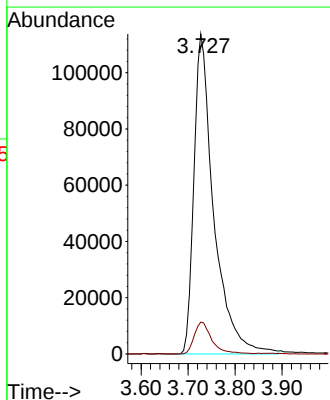
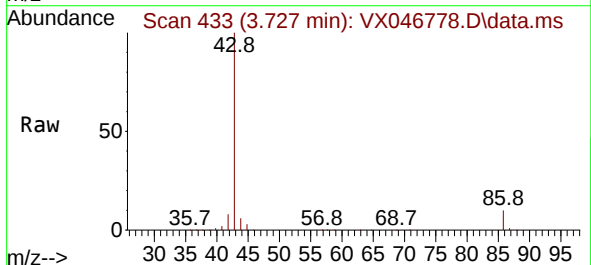
Manual Integrations
APPROVED

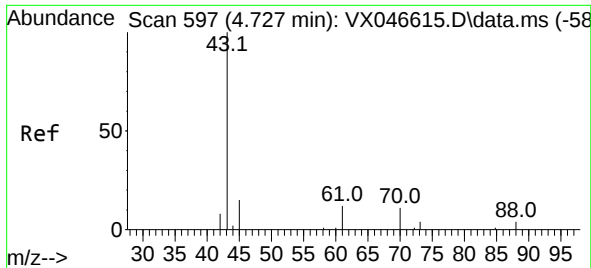
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#42
Vinyl Acetate
Concen: 83.195 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

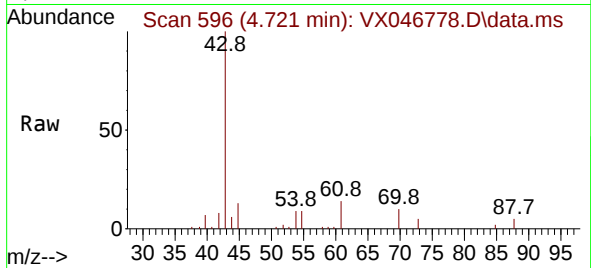
Tgt Ion: 43 Resp: 334640
Ion Ratio Lower Upper
43 100
86 8.8 6.4 9.6





#43
Ethyl Acetate
Concen: 14.250 ug/l m
RT: 4.721 min Scan# 597
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

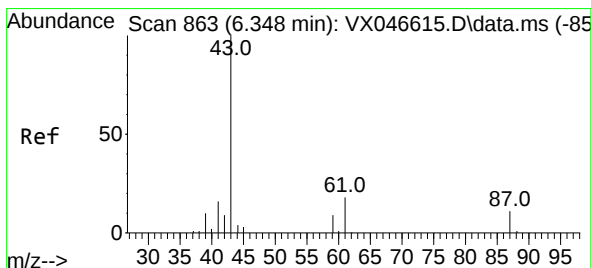
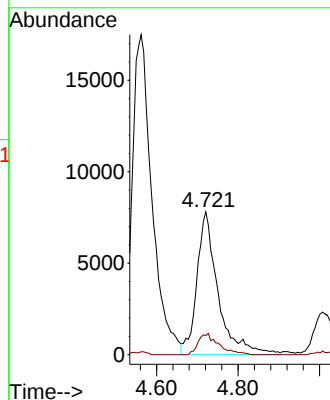
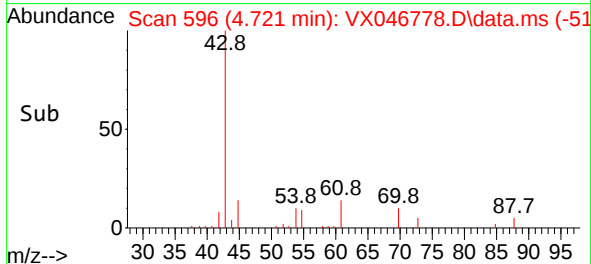
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 43 Resp: 28139
Ion Ratio Lower Upper
43 100
45 0.1 7.9 11.9

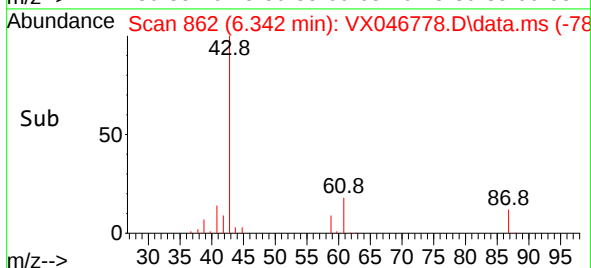
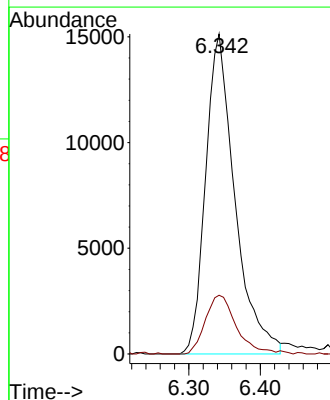
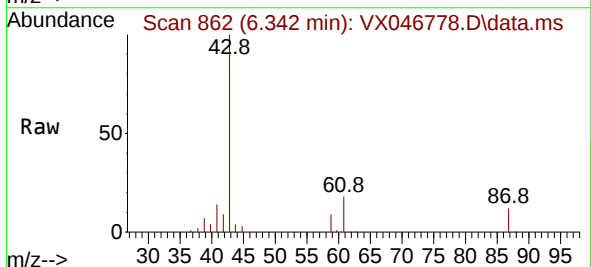
Manual Integrations
APPROVED

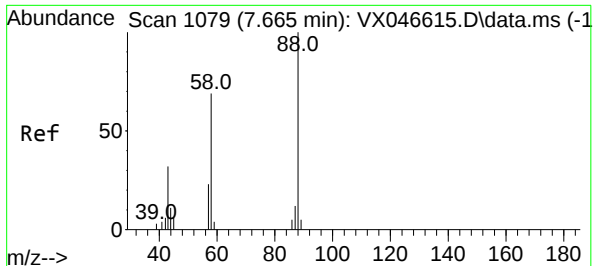
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#44
Isopropyl Acetate
Concen: 13.928 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

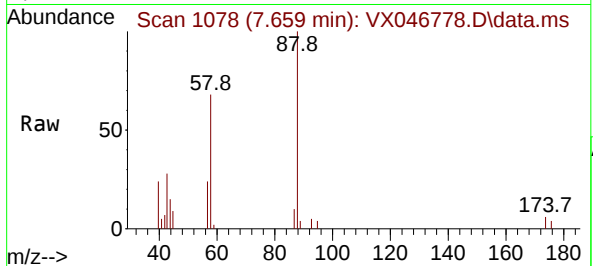
Tgt Ion: 43 Resp: 43020
Ion Ratio Lower Upper
43 100
61 19.2 15.0 22.4





#45
1,4-Dioxane
Concen: 264.546 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

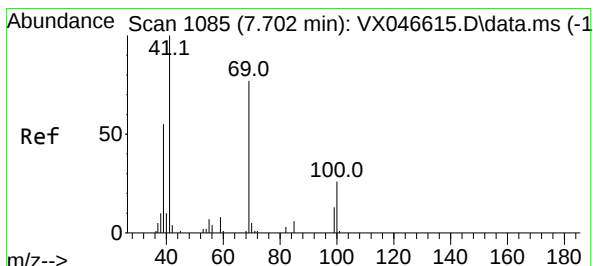
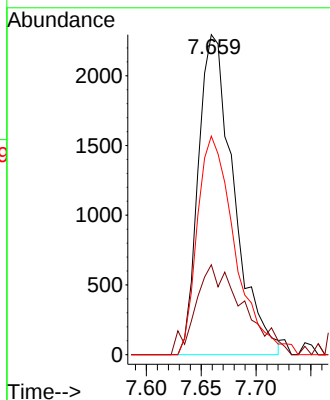
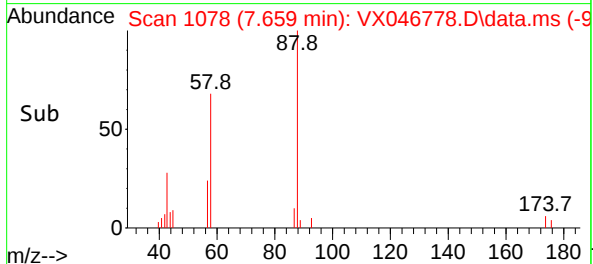
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 88 Resp: 5154
Ion Ratio Lower Upper
88 100
43 18.4 21.6 32.4
58 71.9 60.8 91.2

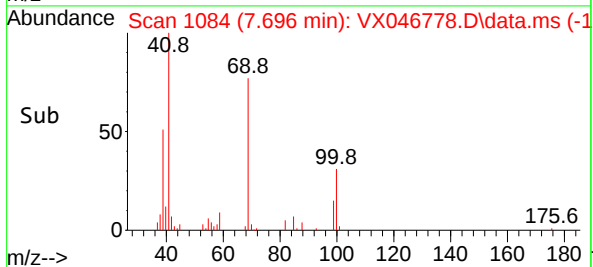
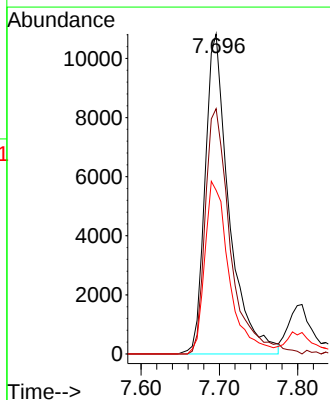
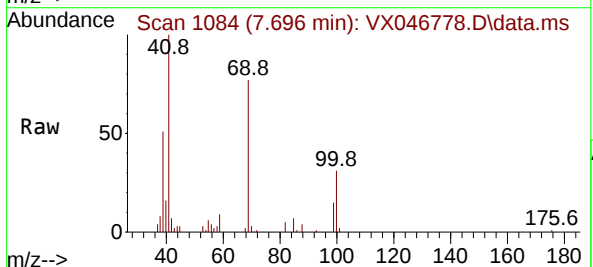
Manual Integrations
APPROVED

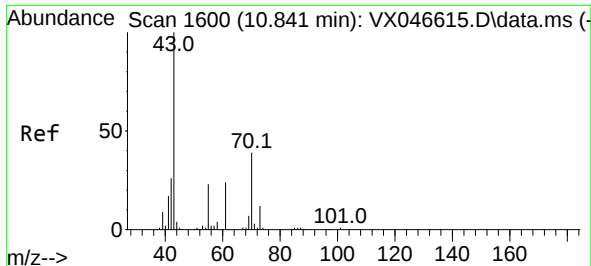
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#46
Methyl methacrylate
Concen: 13.657 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 41 Resp: 23031
Ion Ratio Lower Upper
41 100
69 76.6 38.7 116.1
39 48.8 27.7 83.1





#47

n-amyl acetate

Concen: 14.743 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX046778.D

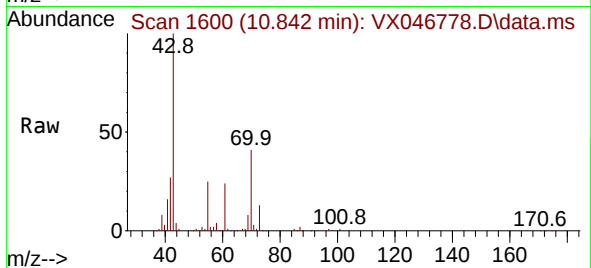
Acq: 20 Jun 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01



Tgt Ion: 43 Resp: 40730

Ion Ratio Lower Upper

43 100

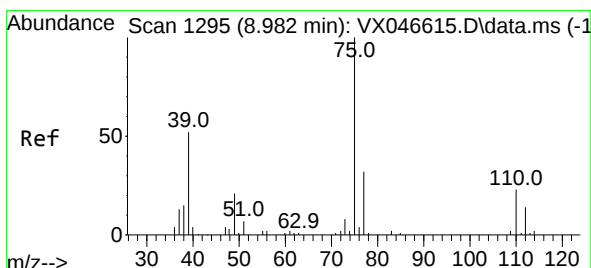
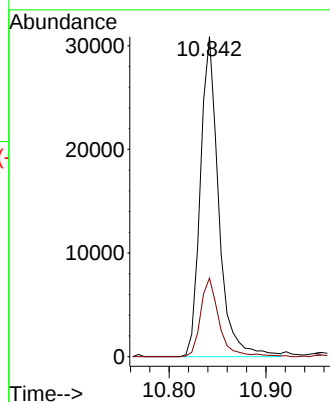
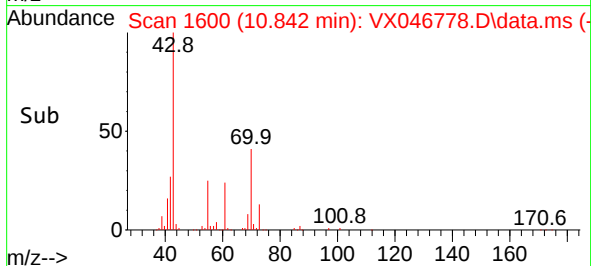
55 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#48

t-1,3-dichloropropene

Concen: 17.471 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX046778.D

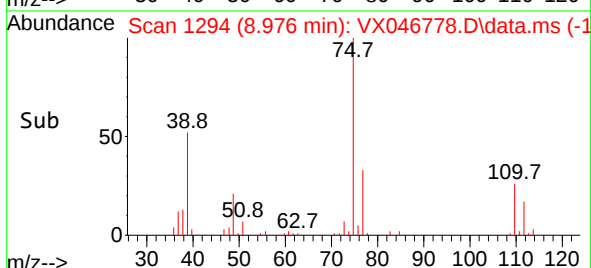
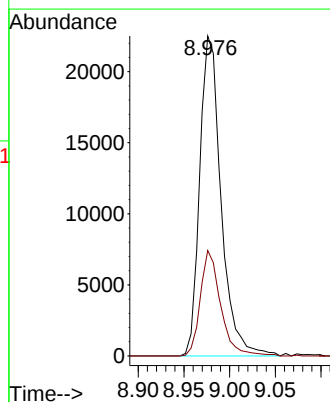
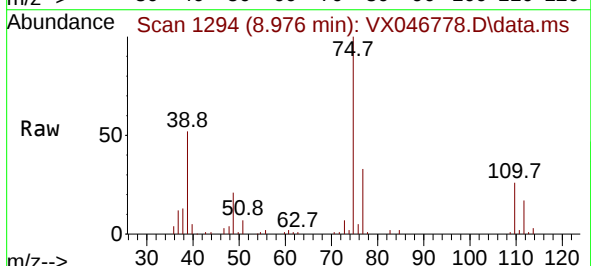
Acq: 20 Jun 2025 11:17

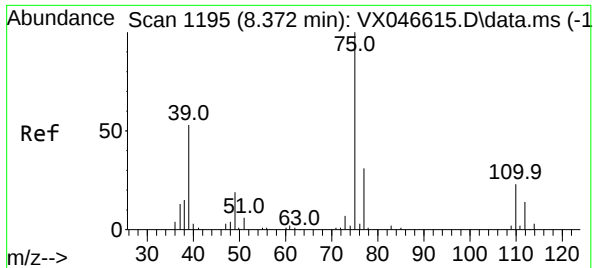
Tgt Ion: 75 Resp: 36574

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 17.773 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

Tgt Ion: 75 Resp: 4153

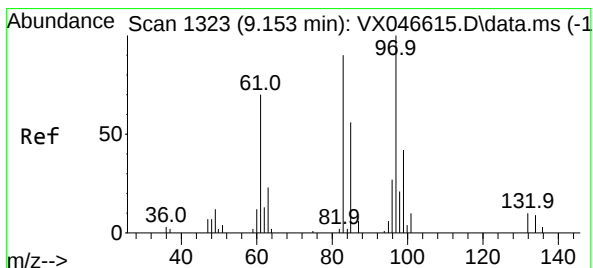
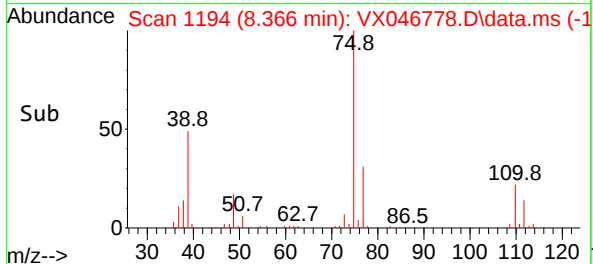
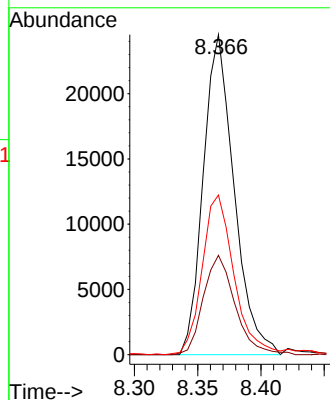
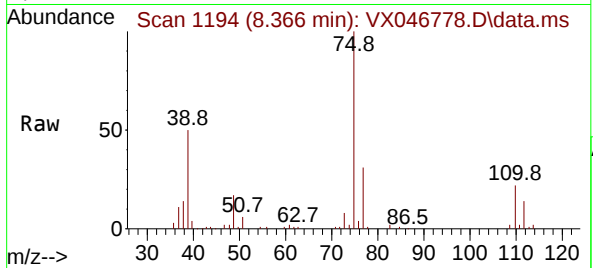
Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.6	36.8
39	51.8	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#50

1,1,2-Trichloroethane

Concen: 17.232 ug/l

RT: 9.147 min Scan# 1322

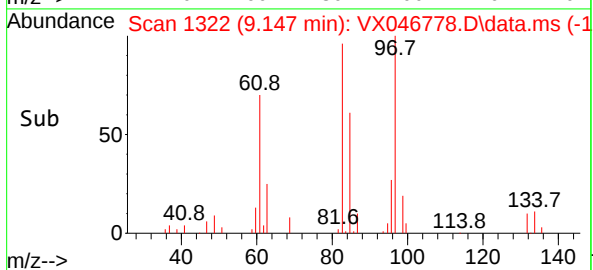
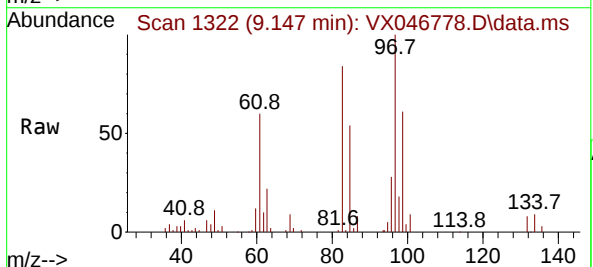
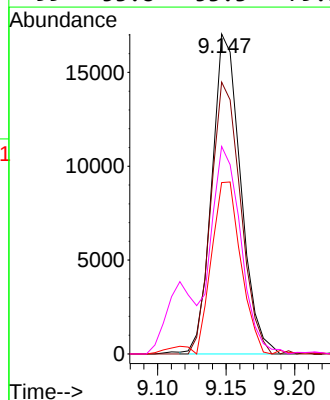
Delta R.T. -0.006 min

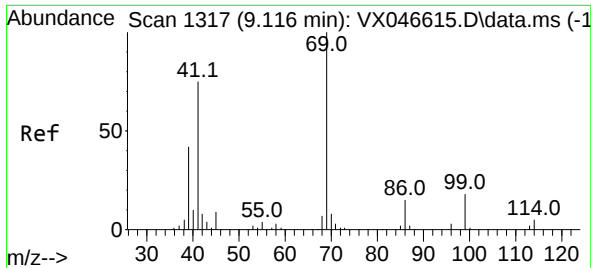
Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

Tgt Ion: 97 Resp: 24893

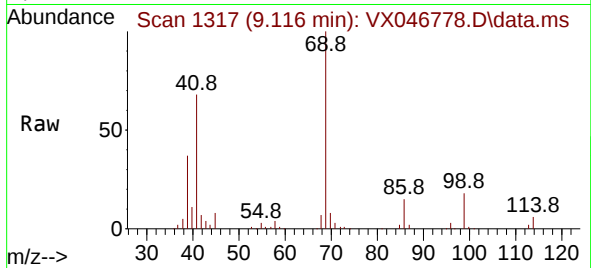
Ion	Ratio	Lower	Upper
97	100		
83	72.1	72.1	108.1#
85	44.5	47.5	71.3#
99	53.8	53.3	79.9





#51
Ethyl methacrylate
Concen: 14.962 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

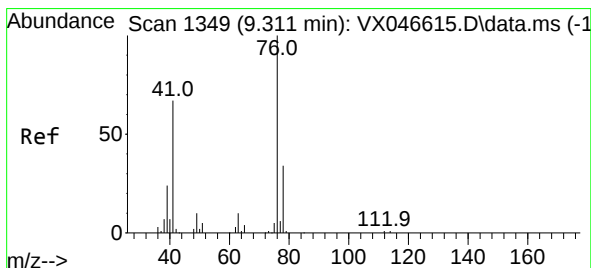
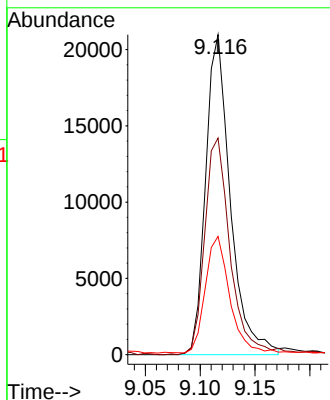
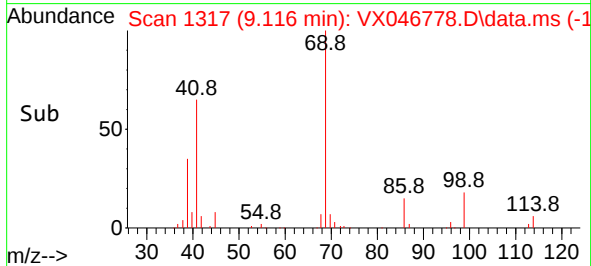
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 69 Resp: 3286
Ion Ratio Lower Upper
69 100
41 67.7 37.4 112.2
39 36.1 20.8 62.5

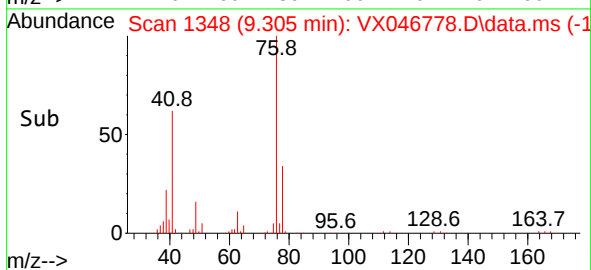
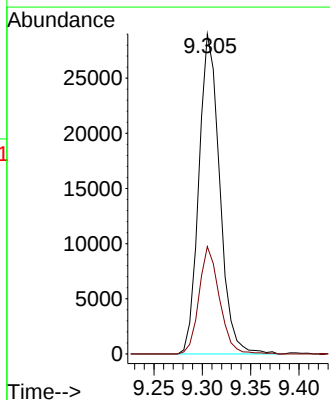
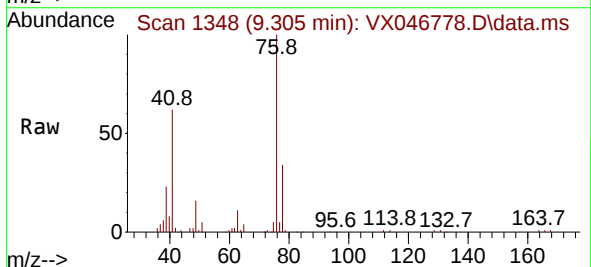
Manual Integrations
APPROVED

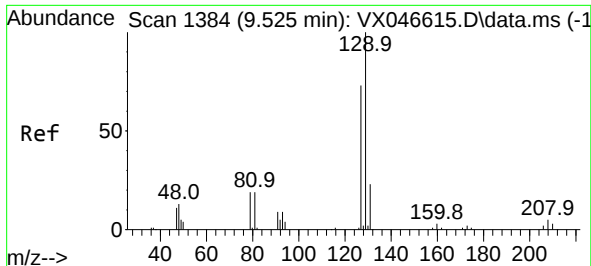
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#52
1,3-Dichloropropane
Concen: 17.299 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

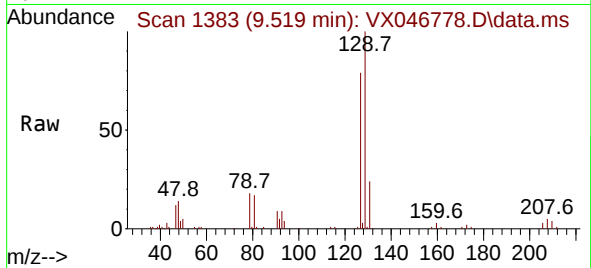
Tgt Ion: 76 Resp: 43529
Ion Ratio Lower Upper
76 100
78 32.9 0.0 62.6





#53
Dibromochloromethane
Concen: 16.273 ug/l
RT: 9.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

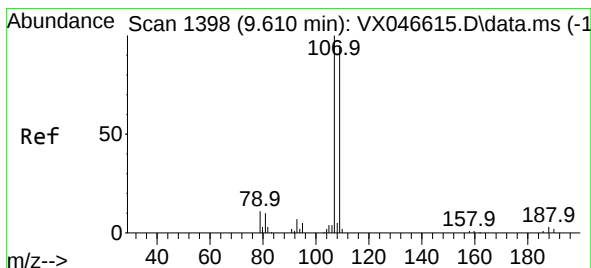
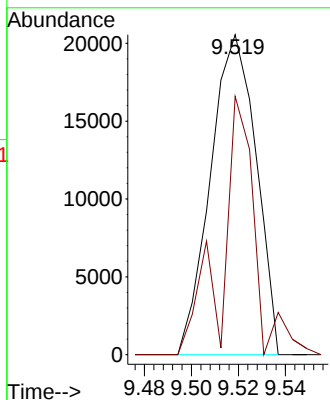
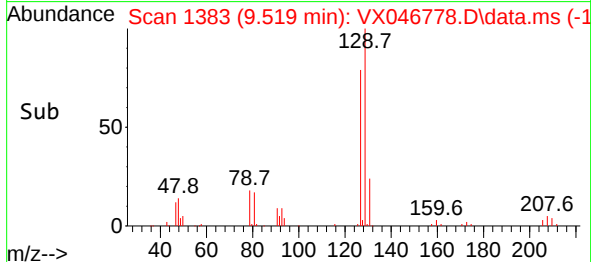
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



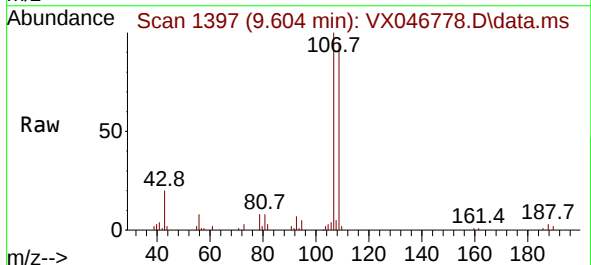
Tgt Ion:129 Resp: 27709
Ion Ratio Lower Upper
129 100
127 39.3 38.3 114.9

Manual Integrations
APPROVED

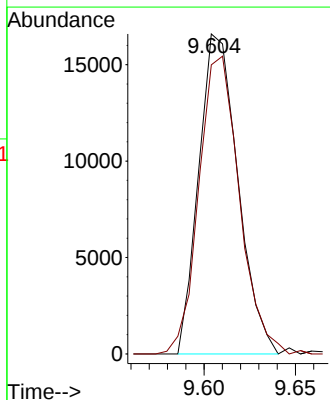
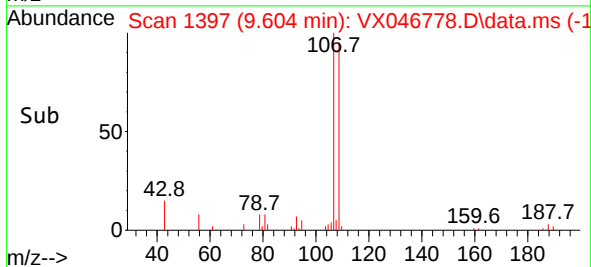
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

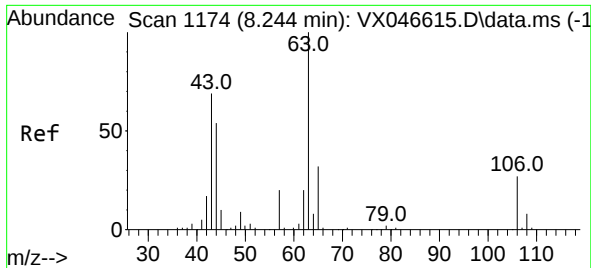


#54
1,2-Dibromoethane
Concen: 16.238 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



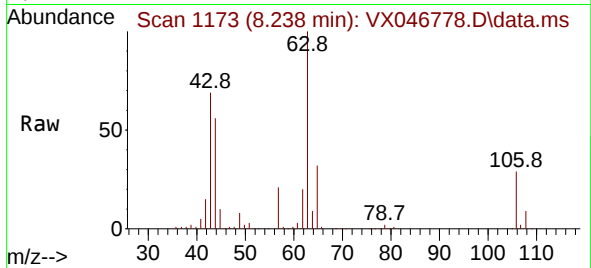
Tgt Ion:107 Resp: 24674
Ion Ratio Lower Upper
107 100
109 96.3 75.8 113.8





#55
2-Chloroethyl vinyl ether
Concen: 87.142 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

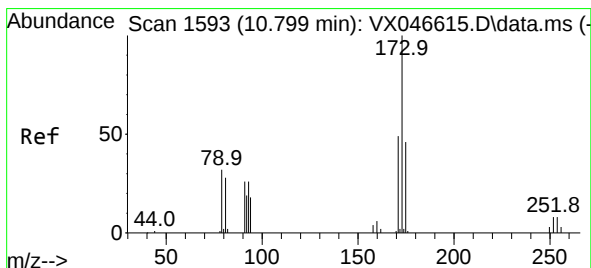
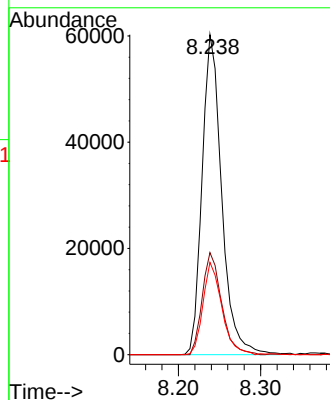
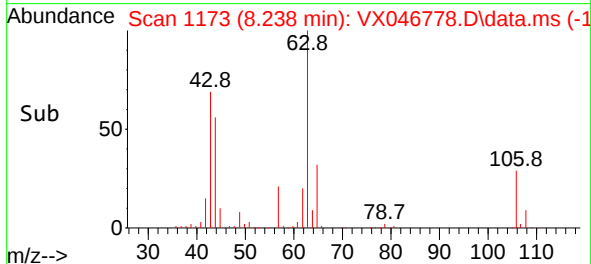
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 63 Resp: 9996
Ion Ratio Lower Upper
63 100
65 31.4 25.2 37.8
106 27.7 21.8 32.6

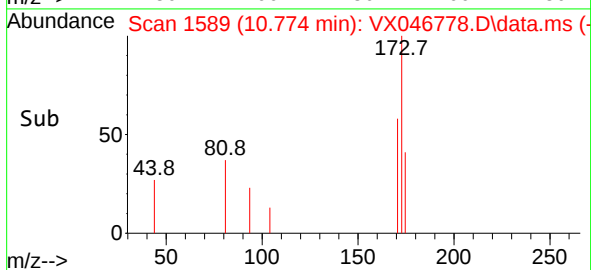
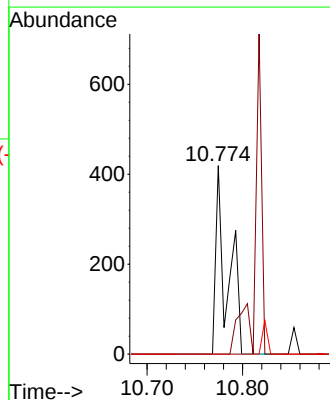
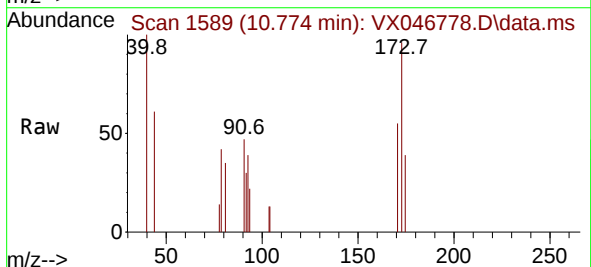
Manual Integrations
APPROVED

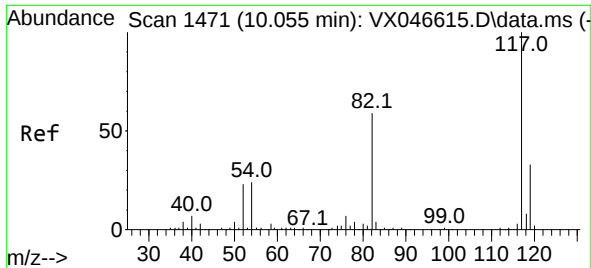
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#56
Bromoform
Concen: 0.322 ug/l m
RT: 10.774 min Scan# 1589
Delta R.T. -0.024 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

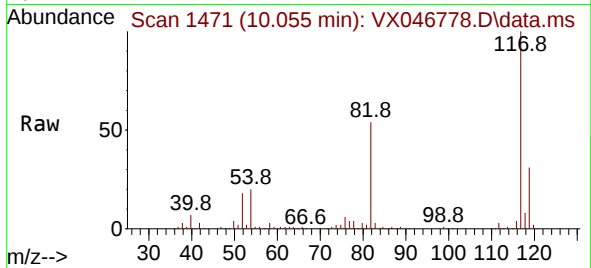
Tgt Ion:173 Resp: 339
Ion Ratio Lower Upper
173 100
175 30.1 38.0 57.0#
254 0.0 6.7 10.1#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

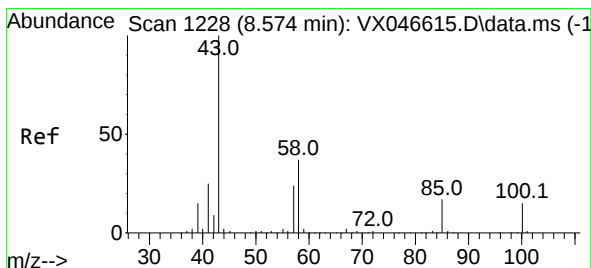
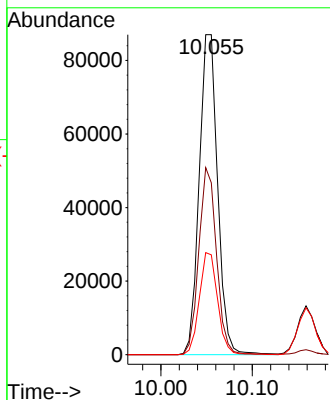
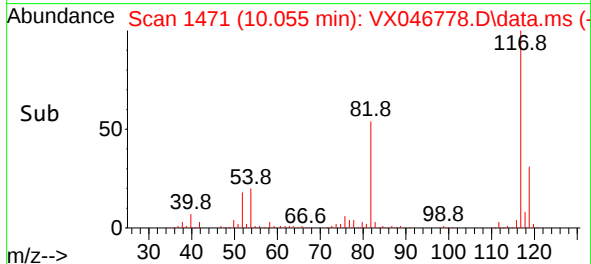
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 117 Resp: 121720
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 31.7 25.8 38.6

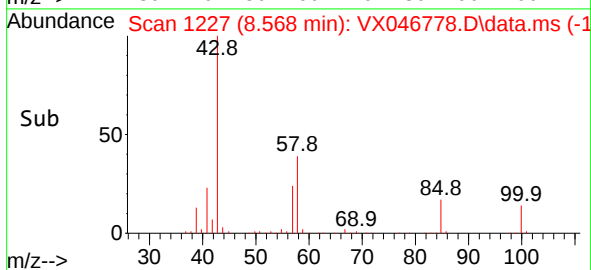
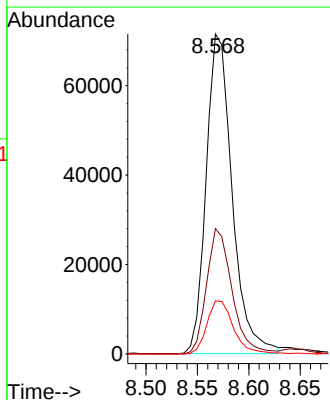
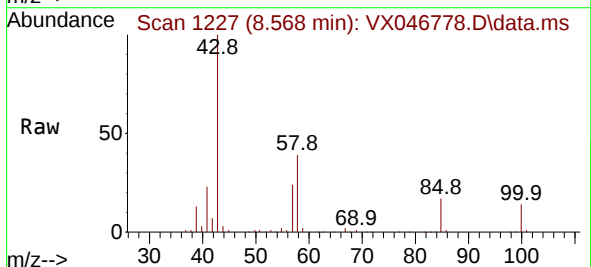
Manual Integrations
APPROVED

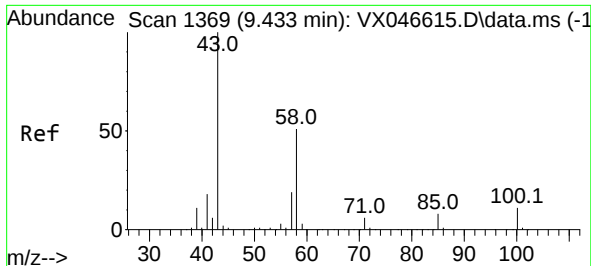
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#58
4-Methyl-2-Pentanone
Concen: 63.434 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

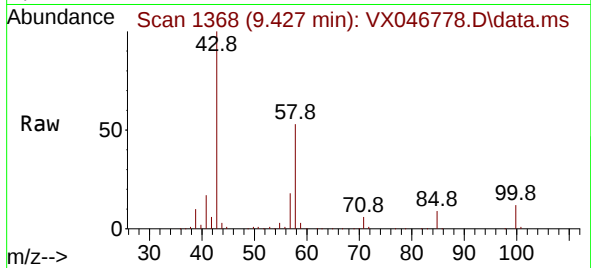
Tgt Ion: 43 Resp: 125593
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.2
85 17.1 13.3 19.9





#59
2-Hexanone
Concen: 60.578 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

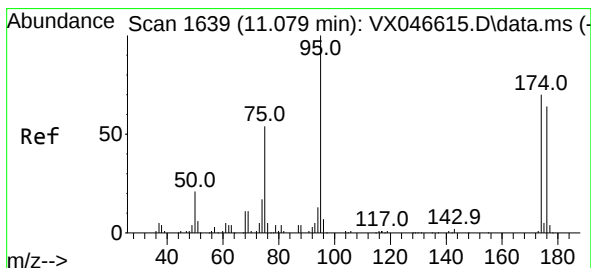
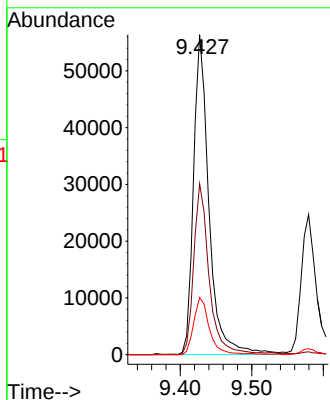
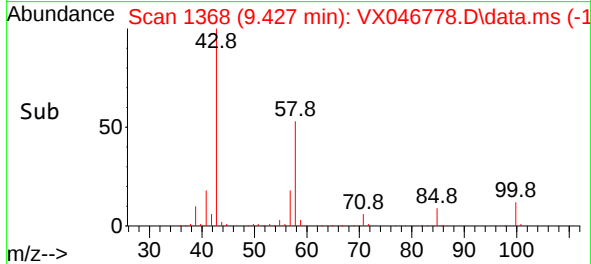
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 43 Resp: 84612
Ion Ratio Lower Upper
43 100
58 53.3 39.8 59.8
57 17.9 14.5 21.7

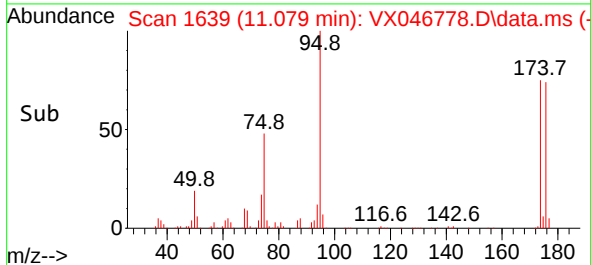
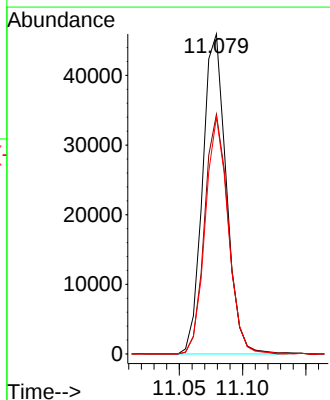
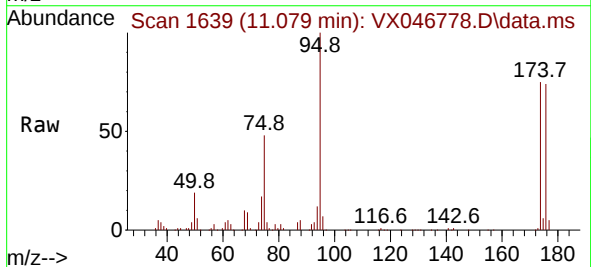
Manual Integrations
APPROVED

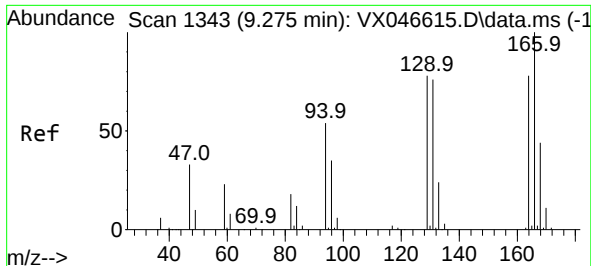
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
4-Bromofluorobenzene
Concen: 29.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

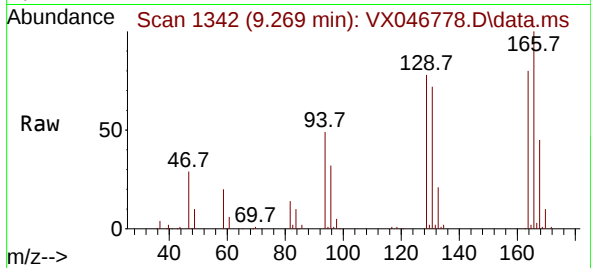
Tgt Ion: 95 Resp: 59706
Ion Ratio Lower Upper
95 100
174 74.8 56.0 84.0
176 72.2 52.2 78.4





#61
Tetrachloroethene
Concen: 19.712 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

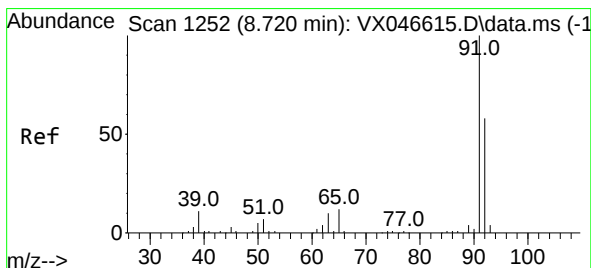
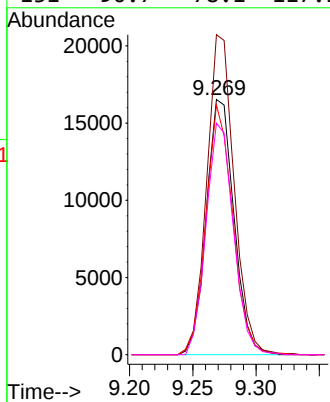
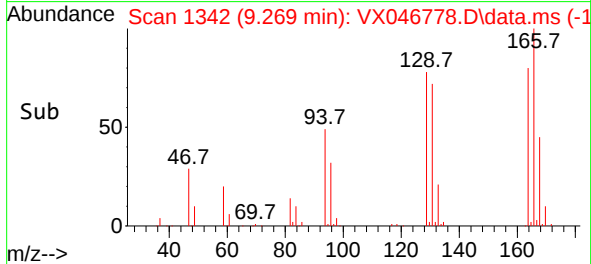
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion:164 Resp: 25140
Ion Ratio Lower Upper
164 100
166 125.4 103.1 154.7
129 97.9 80.3 120.5
131 90.7 78.1 117.1

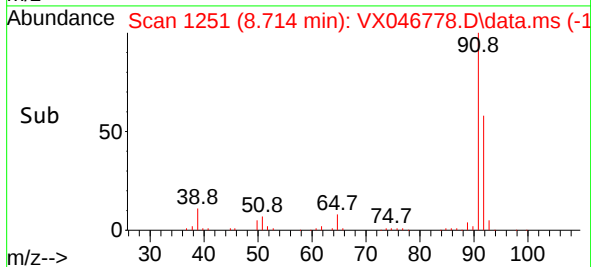
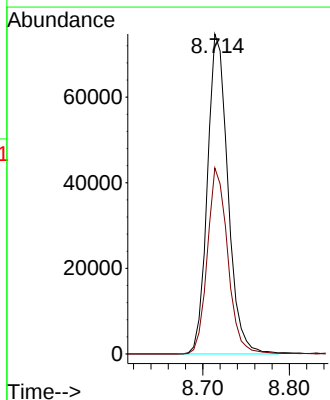
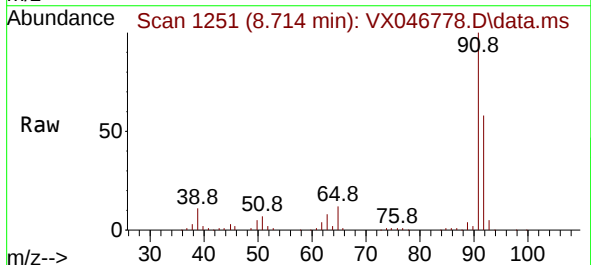
Manual Integrations
APPROVED

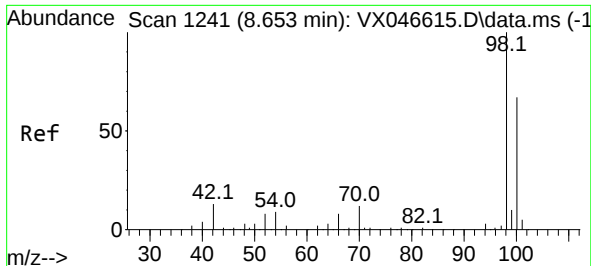
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#62
Toluene
Concen: 18.625 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 91 Resp: 122863
Ion Ratio Lower Upper
91 100
92 57.8 46.8 70.2





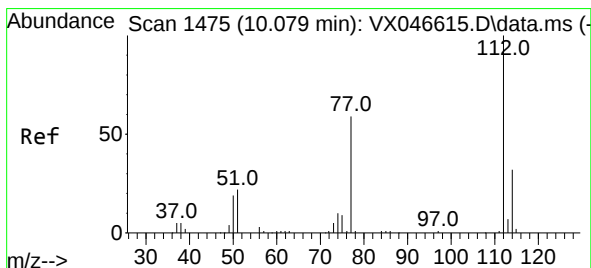
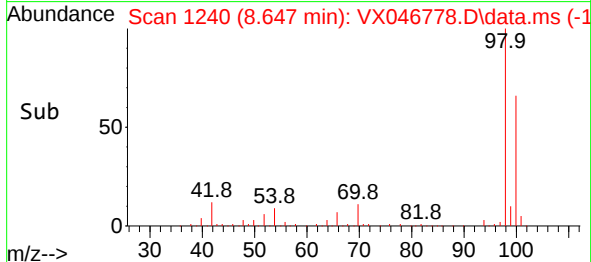
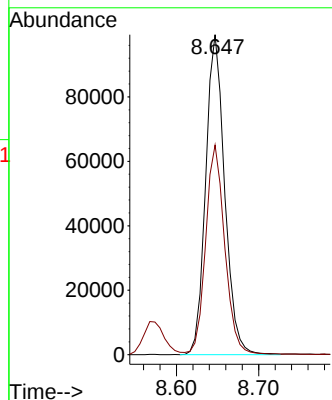
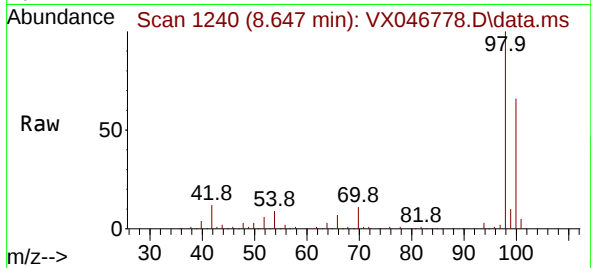
#63
Toluene-d8
Concen: 29.299 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion: 98 Resp: 15929
Ion Ratio Lower Upper
98 100
100 65.5 52.6 79.0

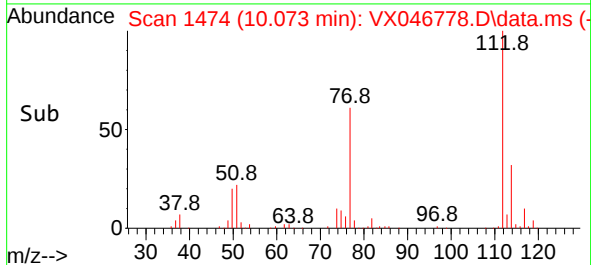
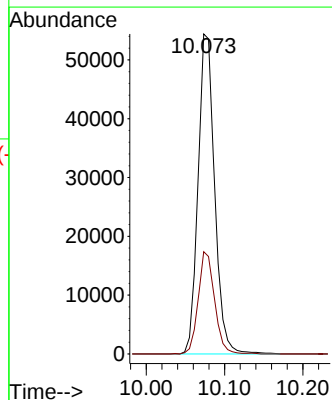
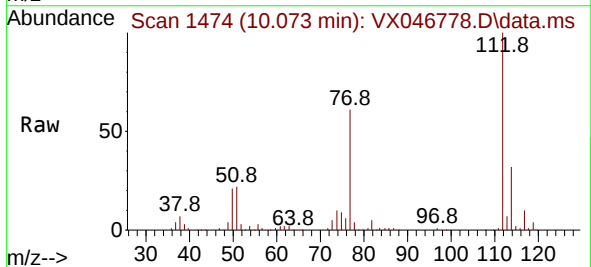
Manual Integrations
APPROVED

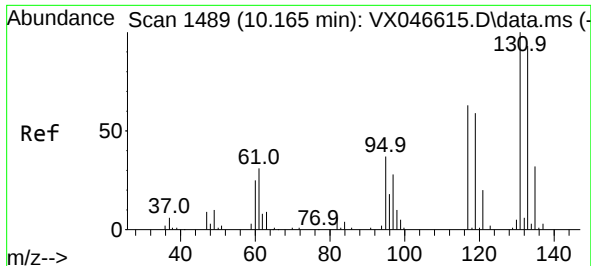
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#64
Chlorobenzene
Concen: 18.851 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion:112 Resp: 80204
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0





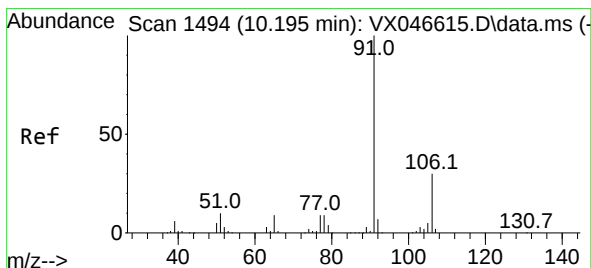
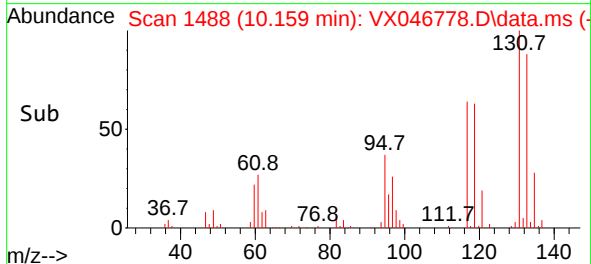
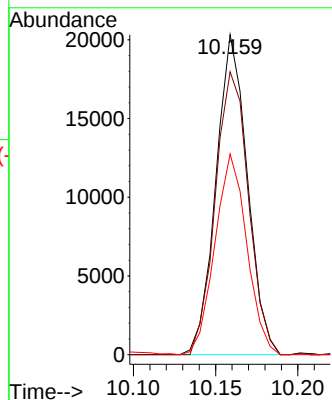
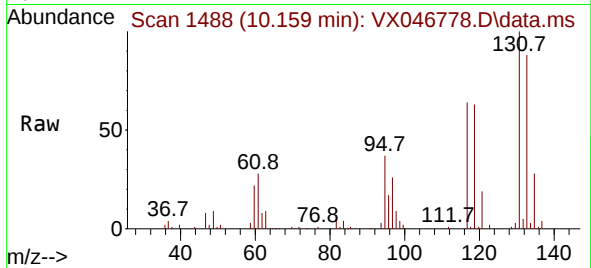
#65
1,1,1,2-Tetrachloroethane
Concen: 18.953 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion:131 Resp: 27025
Ion Ratio Lower Upper
131 100
133 93.1 0.0 190.6
119 63.6 0.0 131.2

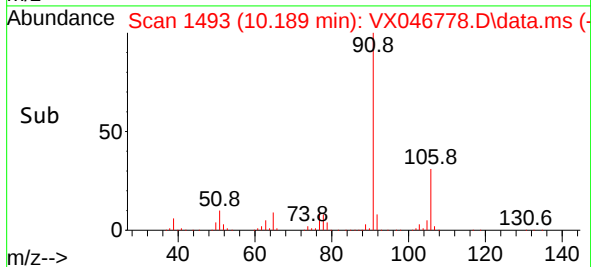
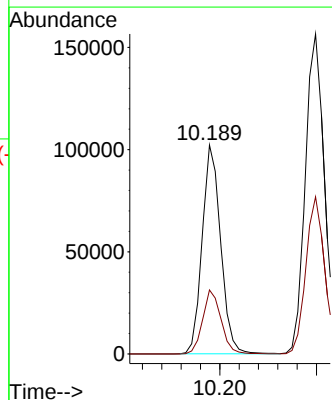
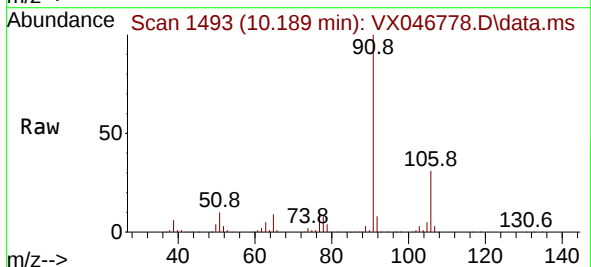
Manual Integrations
APPROVED

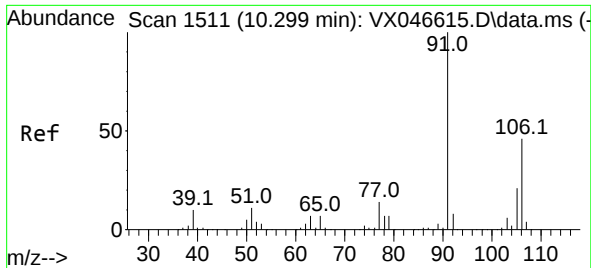
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#66
Ethyl Benzene
Concen: 18.075 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 91 Resp: 136145
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9





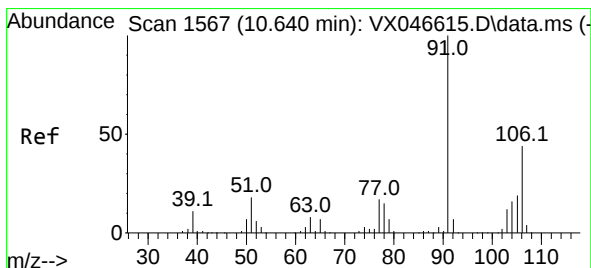
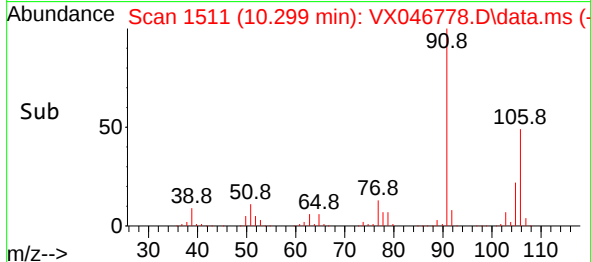
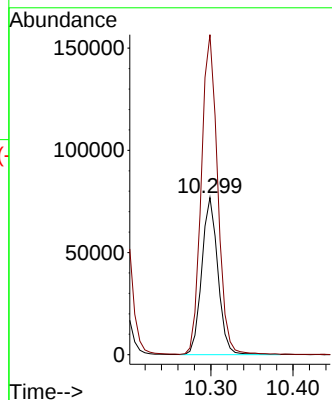
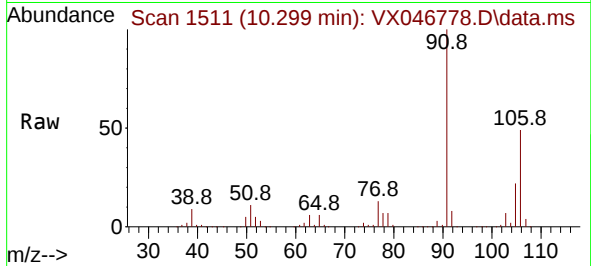
#67
m/p-Xylenes
Concen: 37.588 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion:106 Resp: 104719
Ion Ratio Lower Upper
106 100
91 206.0 171.5 257.3

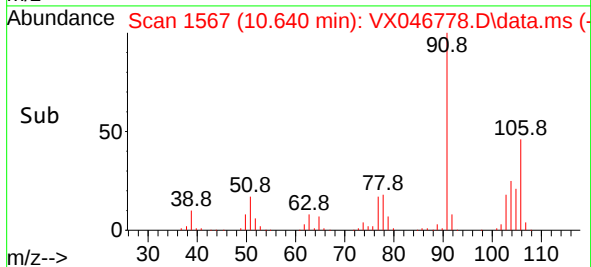
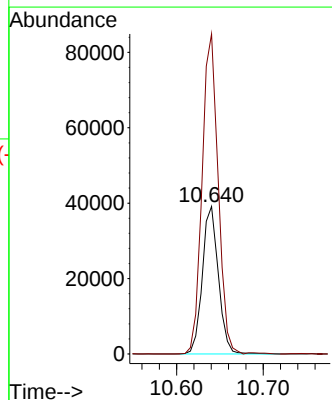
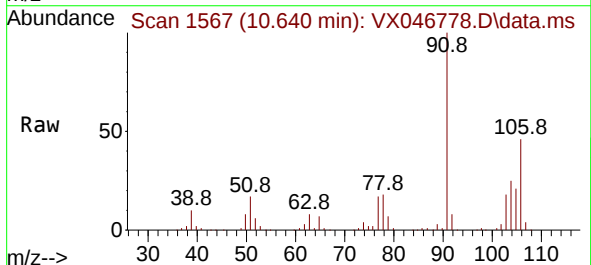
Manual Integrations
APPROVED

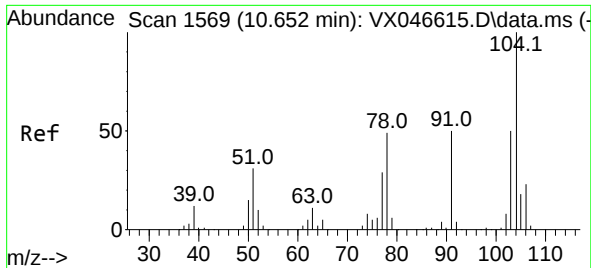
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#68
o-Xylene
Concen: 18.742 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion:106 Resp: 50275
Ion Ratio Lower Upper
106 100
91 216.8 112.3 336.9





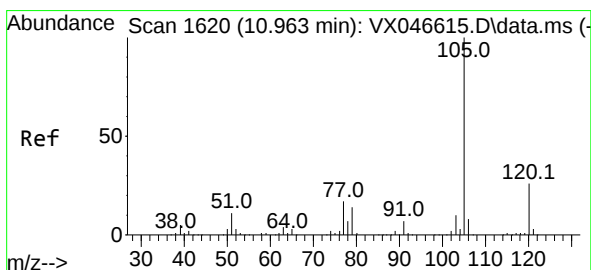
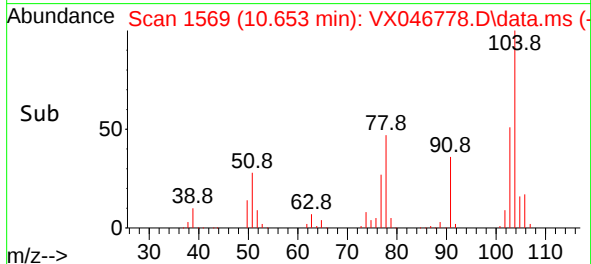
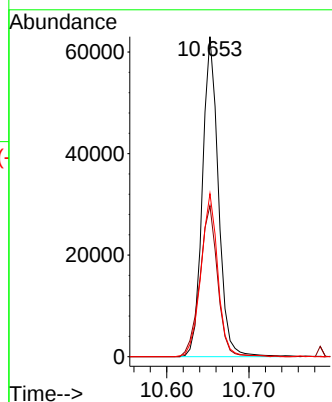
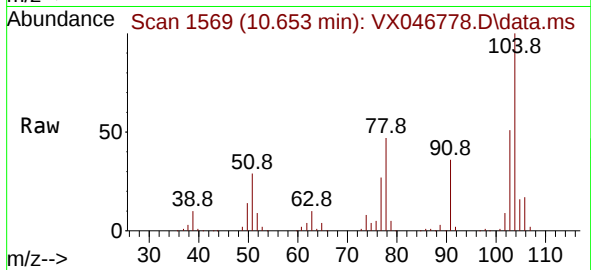
#69
Styrene
Concen: 18.504 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion:104 Resp: 85079
Ion Ratio Lower Upper
104 100
78 52.2 43.1 64.7
103 53.9 42.9 64.3

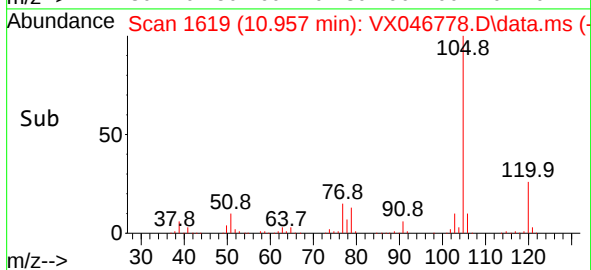
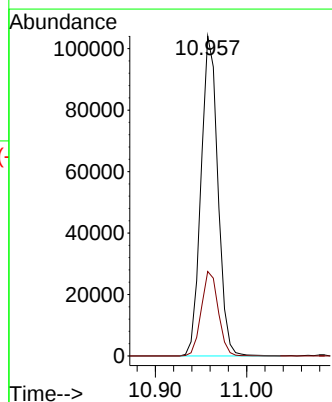
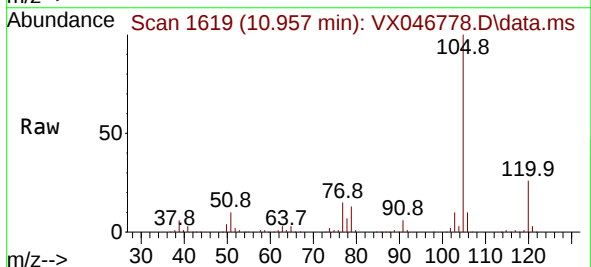
Manual Integrations
APPROVED

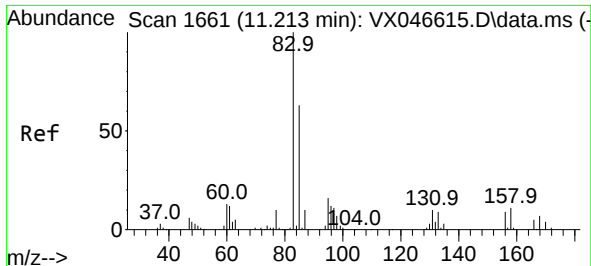
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#70
Isopropylbenzene
Concen: 18.523 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

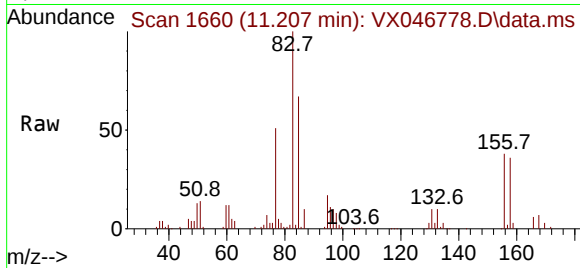
Tgt Ion:105 Resp: 133340
Ion Ratio Lower Upper
105 100
120 26.6 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 15.012 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

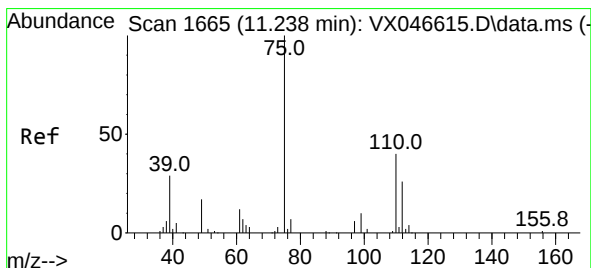
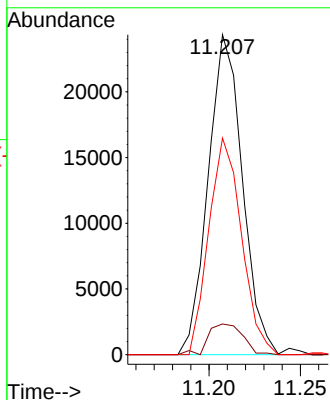
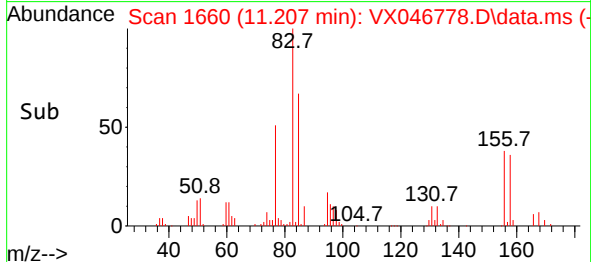
Instrument :
MSVOA_X
Client Sample Id :
VX0620WBS01



Tgt Ion: 83 Resp: 31749
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 64.8 31.5 94.5

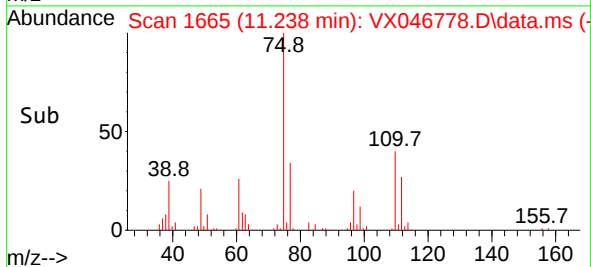
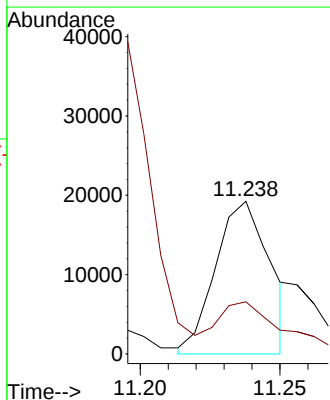
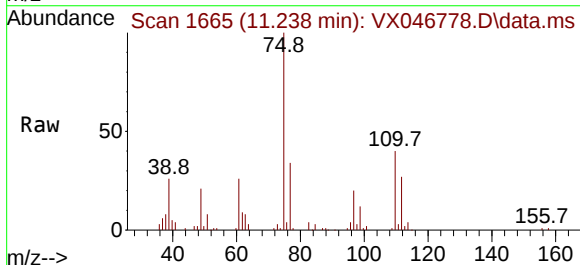
Manual Integrations
APPROVED

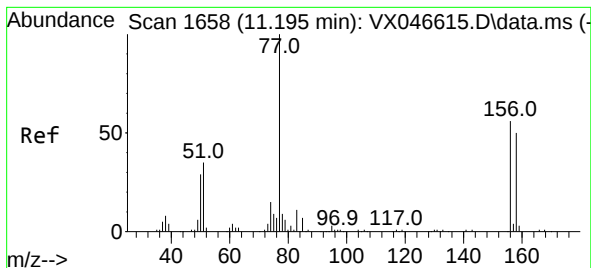
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#72
1,2,3-Trichloropropane
Concen: 14.749 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Tgt Ion: 75 Resp: 26037
Ion Ratio Lower Upper
75 100
77 43.2 0.0 82.6





#73

Bromobenzene

Concen: 18.359 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBS01

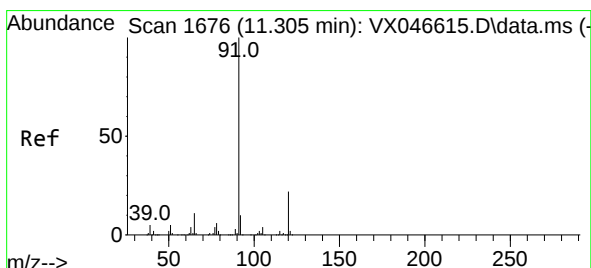
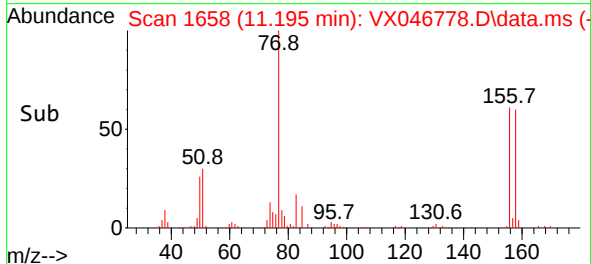
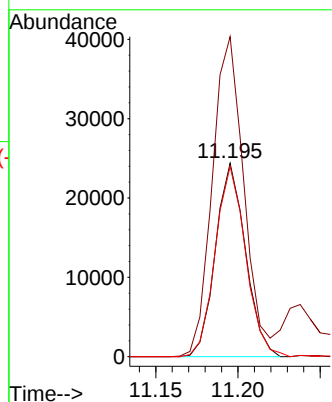
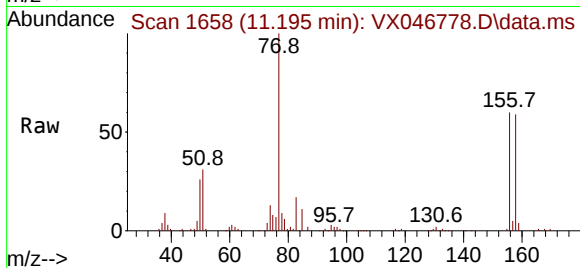
Tgt Ion:	156	Resp:	30978
Ion Ratio	Lower	Upper	
156	100		
77	173.0	0.0	358.6
158	99.4	0.0	192.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#74

n-propylbenzene

Concen: 18.847 ug/l

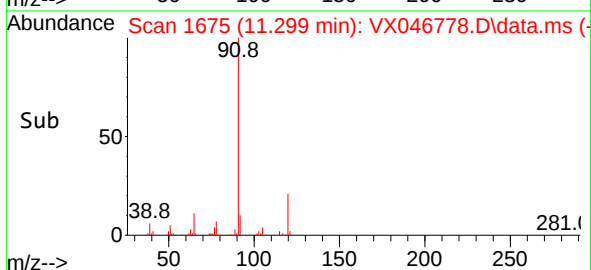
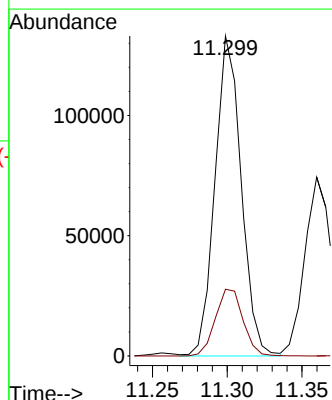
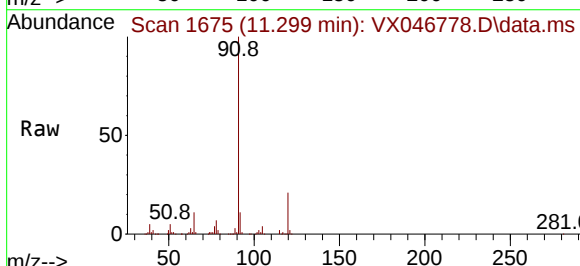
RT: 11.299 min Scan# 1675

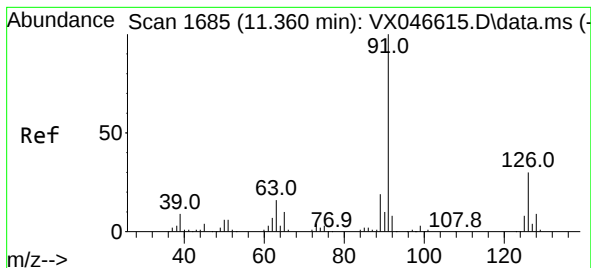
Delta R.T. -0.006 min

Lab File: VX046778.D

Acq: 20 Jun 2025 11:17

Tgt Ion:	91	Resp:	162229
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.8





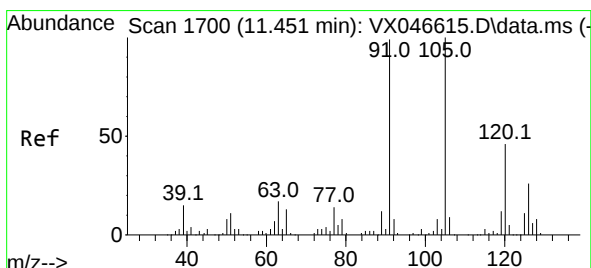
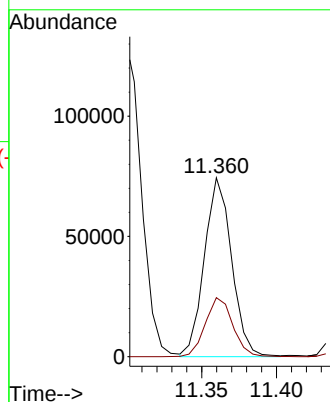
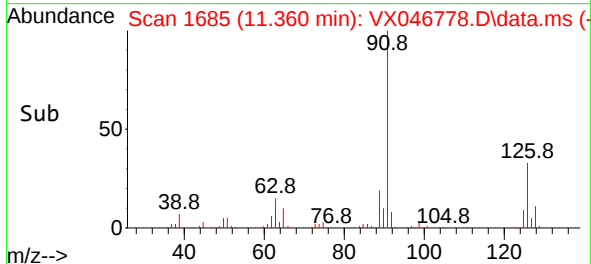
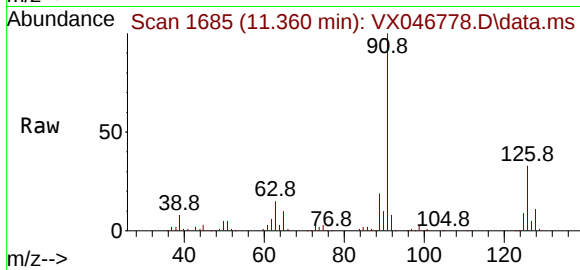
#75
2-Chlorotoluene
Concen: 18.342 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01

Tgt Ion: 91 Resp: 9451
Ion Ratio Lower Upper
91 100
126 33.2 0.0 63.0

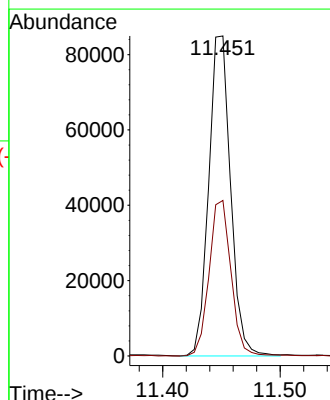
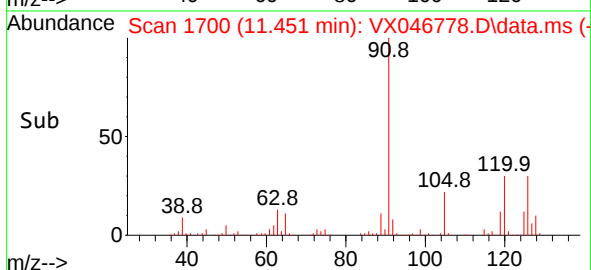
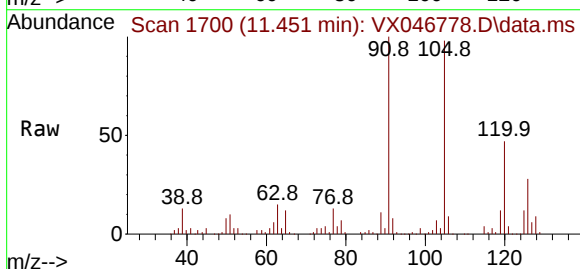
Manual Integrations
APPROVED

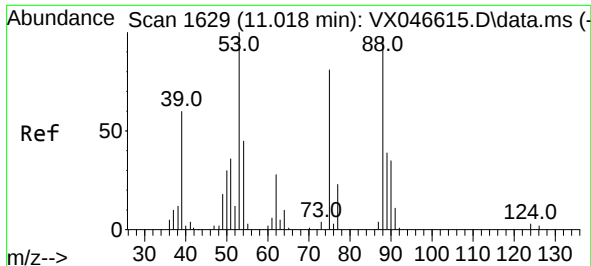
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.385 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

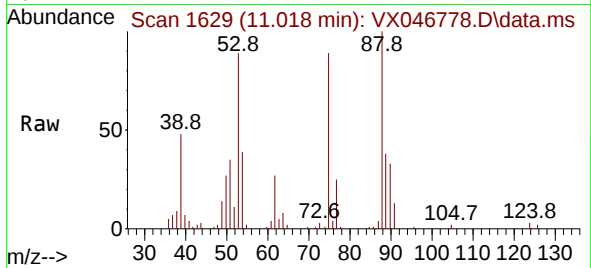
Tgt Ion:105 Resp: 109964
Ion Ratio Lower Upper
105 100
120 48.7 0.0 92.8





#77
t-1,4-Dichloro-2-butene
Concen: 15.376 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

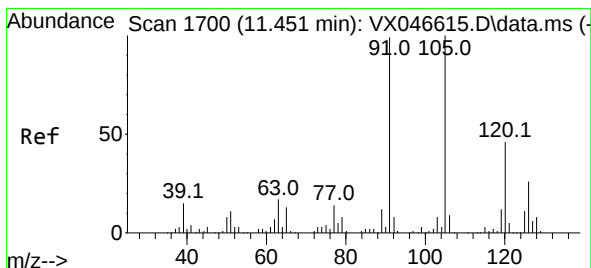
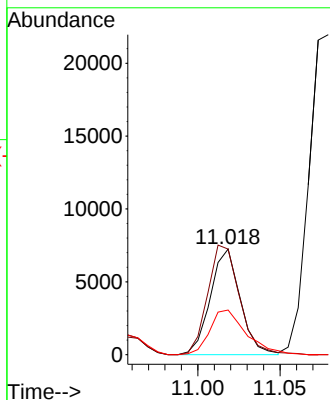
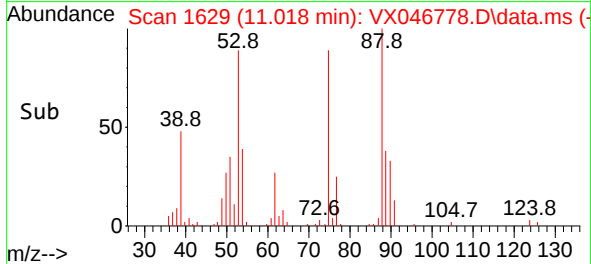
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 75 Resp: 9170
Ion Ratio Lower Upper
75 100
53 100.0 61.9 185.7
89 42.3 24.0 72.0

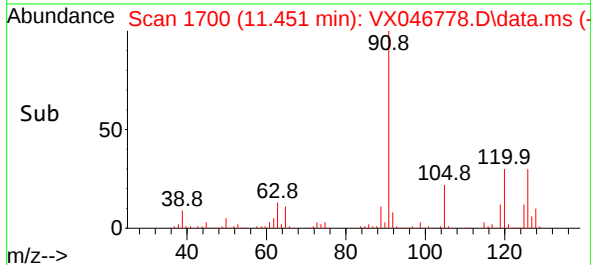
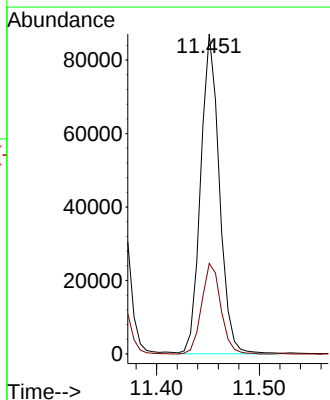
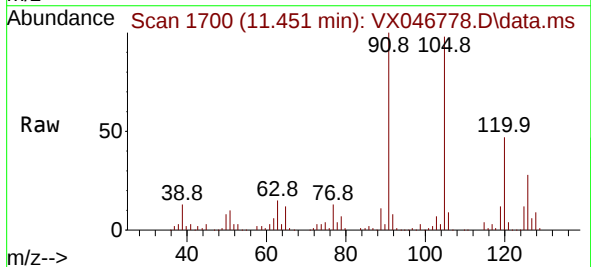
Manual Integrations
APPROVED

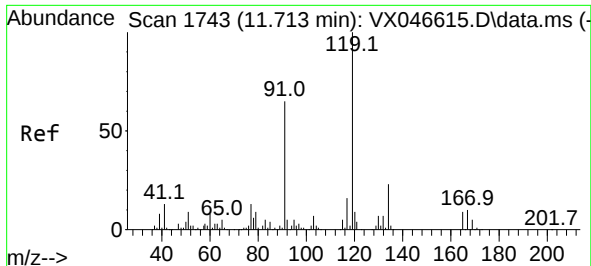
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#78
4-Chlorotoluene
Concen: 18.494 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

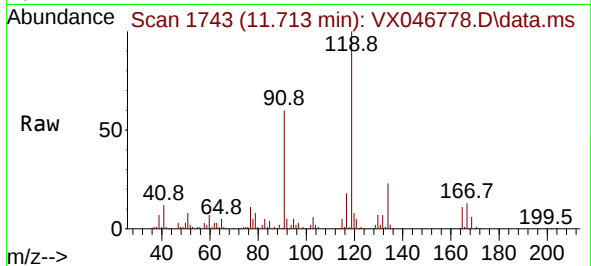
Tgt Ion: 91 Resp: 110260
Ion Ratio Lower Upper
91 100
126 28.9 0.0 55.0





#79
tert-butylbenzene
Concen: 18.687 ug/l
RT: 11.713 min Scan# 111464
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

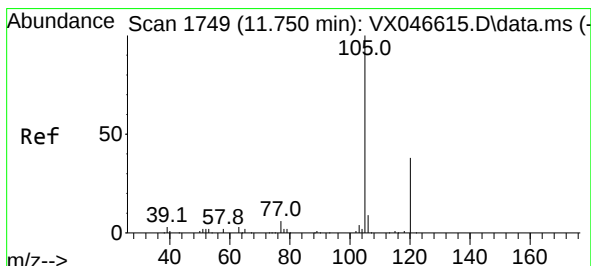
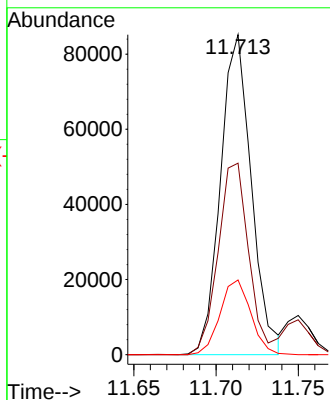
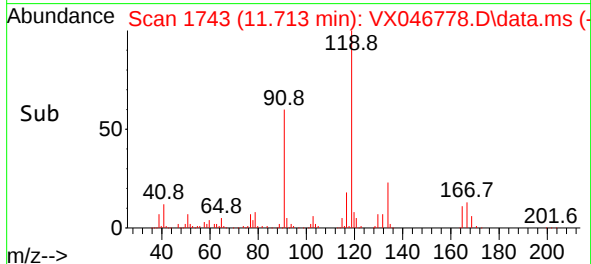
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



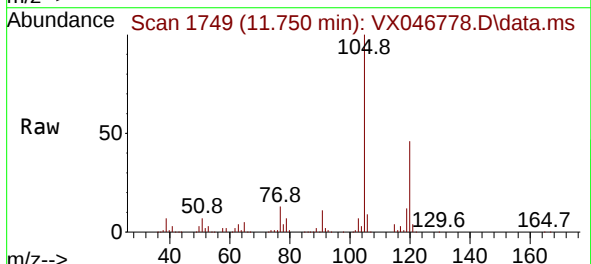
Tgt Ion:119 Resp: 111464
Ion Ratio Lower Upper
119 100
91 58.9 0.0 126.0
134 23.3 0.0 45.6

Manual Integrations
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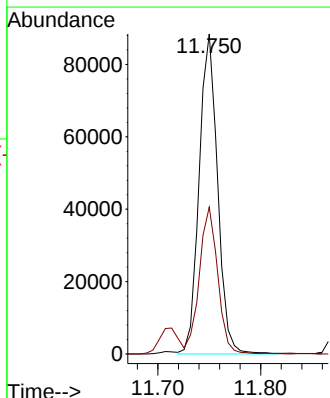
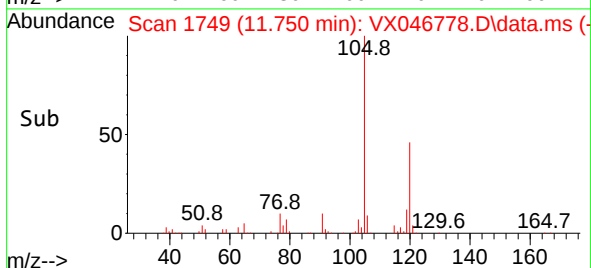
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

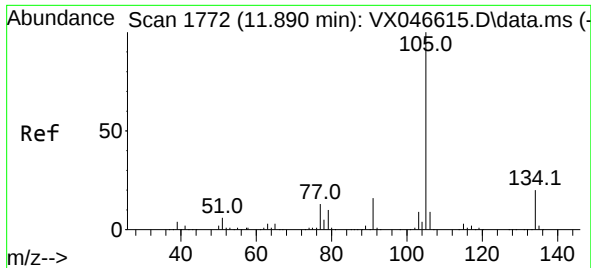


#80
1,2,4-Trimethylbenzene
Concen: 18.686 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



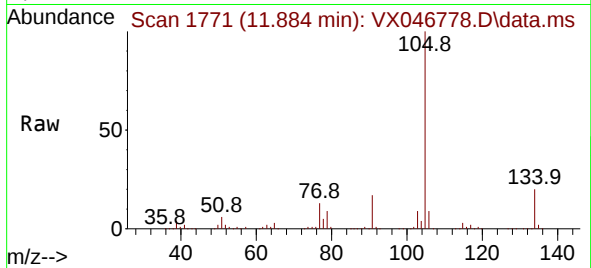
Tgt Ion:105 Resp: 110376
Ion Ratio Lower Upper
105 100
120 45.4 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 18.982 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046778.D
 Acq: 20 Jun 2025 11:17

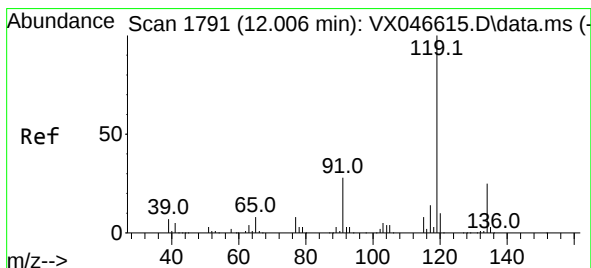
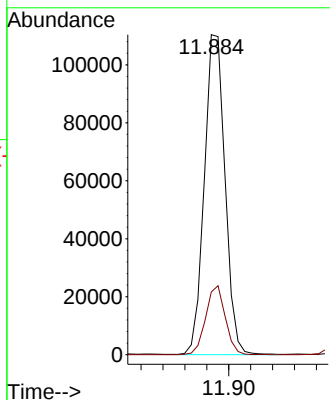
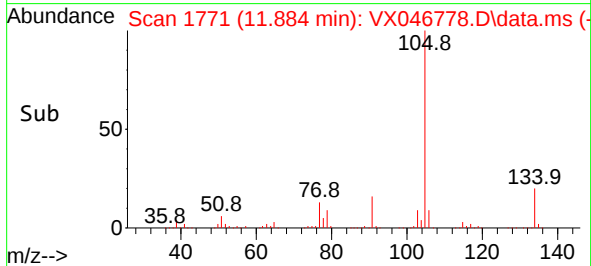
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01



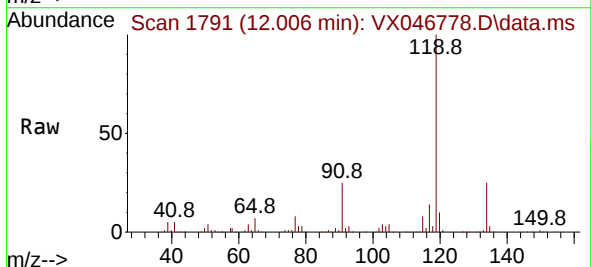
Tgt Ion:105 Resp: 14488
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 38.4

Manual Integrations
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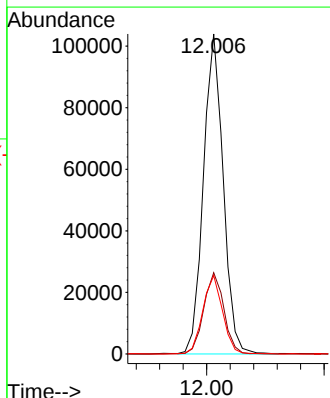
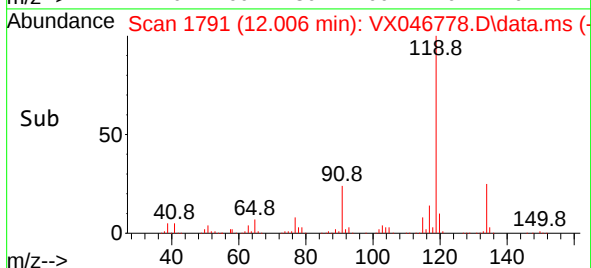
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

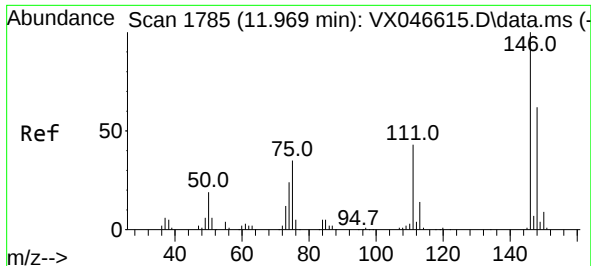


#82
 p-Isopropyltoluene
 Concen: 19.383 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046778.D
 Acq: 20 Jun 2025 11:17



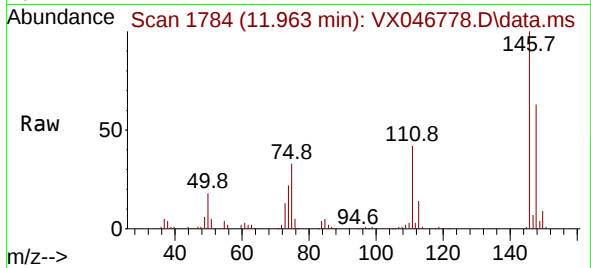
Tgt Ion:119 Resp: 121430
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.0
 91 24.1 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 19.385 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

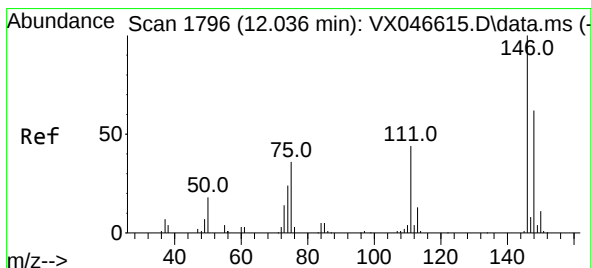
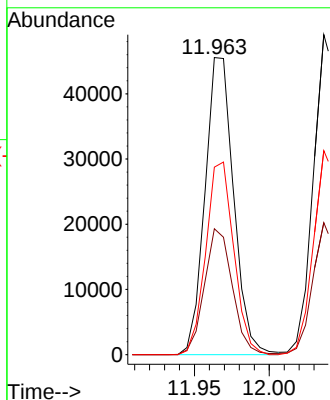
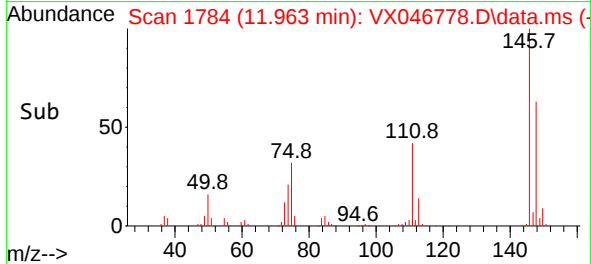
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



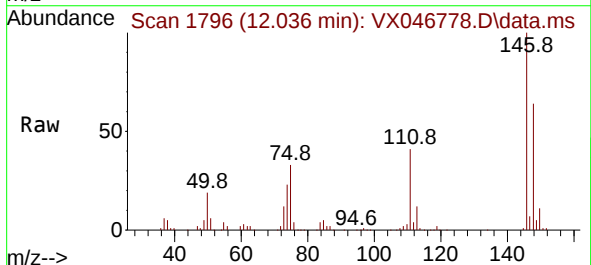
Tgt Ion:146 Resp: 60889
Ion Ratio Lower Upper
146 100
111 41.2 21.9 65.8
148 63.2 32.0 96.2

Manual Integrations
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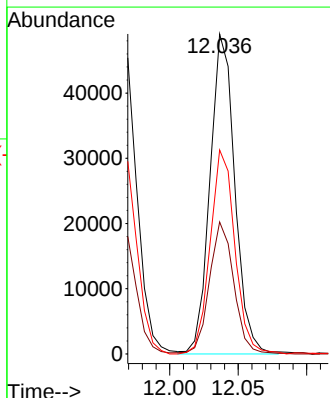
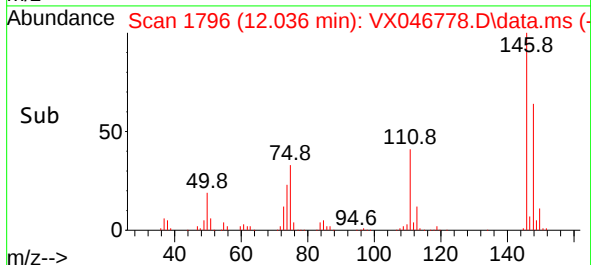
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

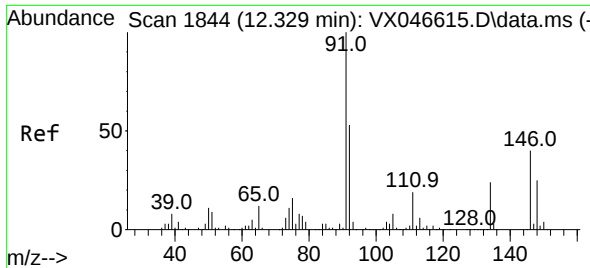


#84
1,4-Dichlorobenzene
Concen: 19.542 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



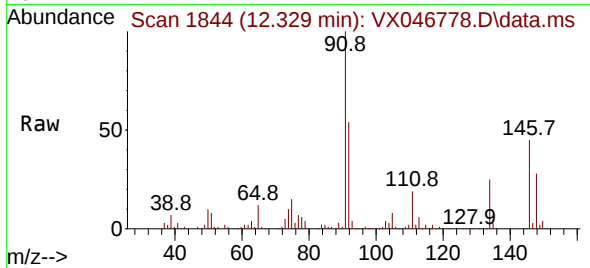
Tgt Ion:146 Resp: 61727
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.7
148 63.6 31.4 94.3





#85
n-Butylbenzene
Concen: 19.063 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

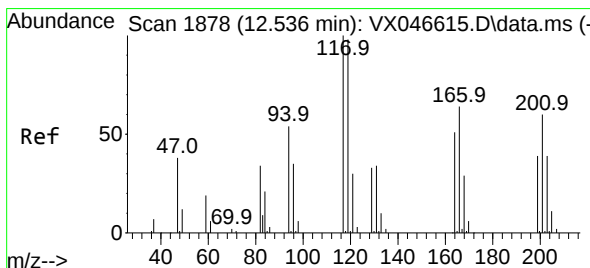
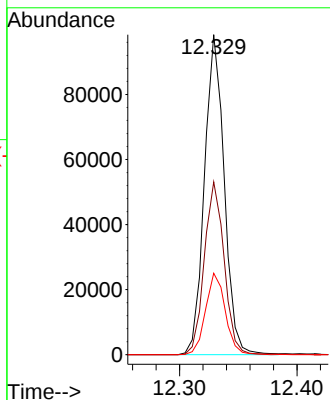
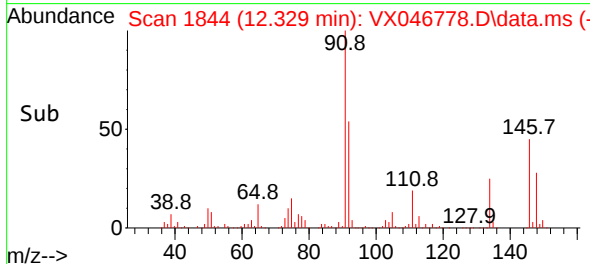
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion: 91 Resp: 115050
Ion Ratio Lower Upper
91 100
92 54.0 0.0 106.4
134 25.4 0.0 48.8

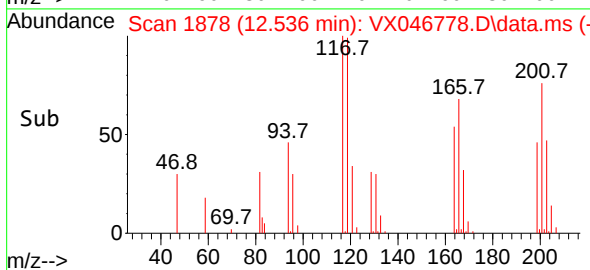
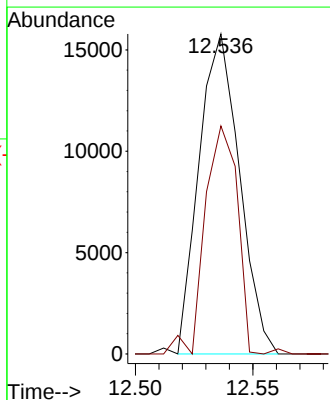
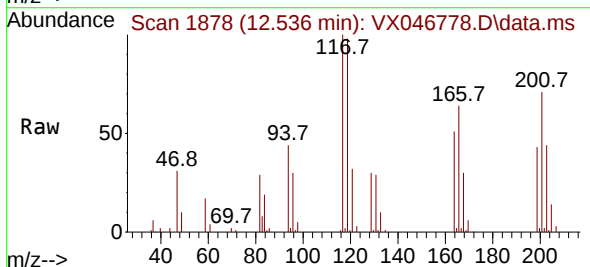
Manual Integrations
APPROVED

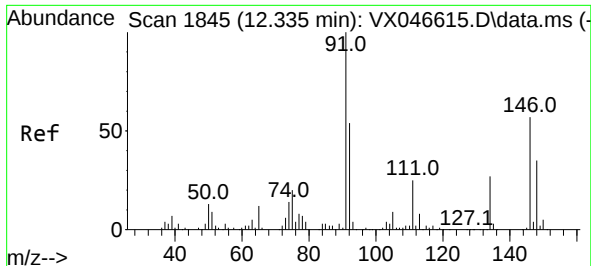
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#86
Hexachloroethane
Concen: 17.403 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

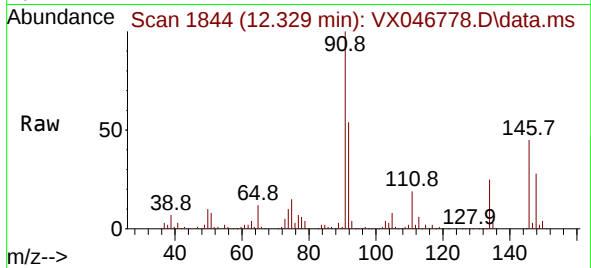
Tgt Ion:117 Resp: 18935
Ion Ratio Lower Upper
117 100
201 55.3 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.251 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

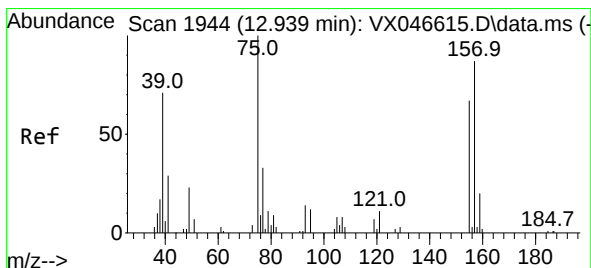
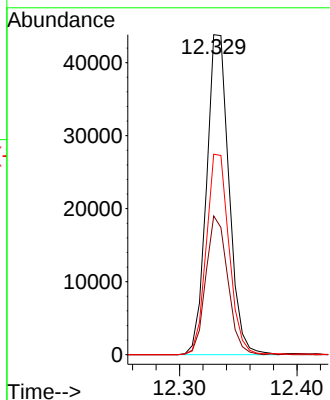
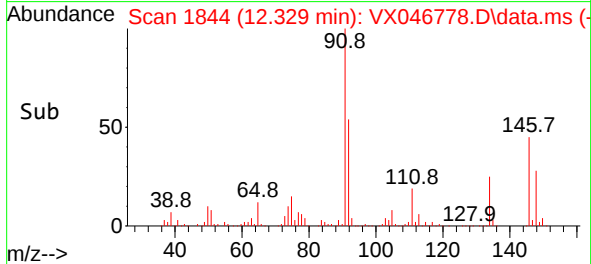
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



Tgt Ion:146 Resp: 5817
Ion Ratio Lower Upper
146 100
111 42.3 22.9 68.5
148 63.2 31.6 94.8

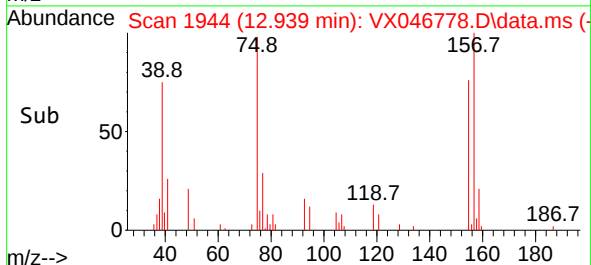
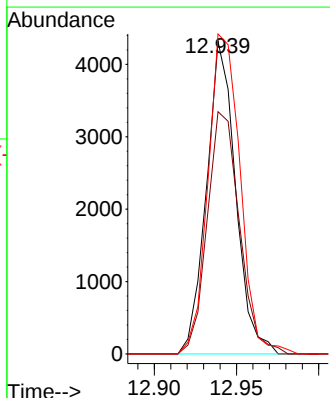
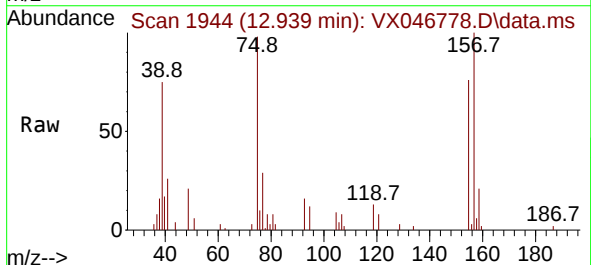
Manual Integrations
APPROVED

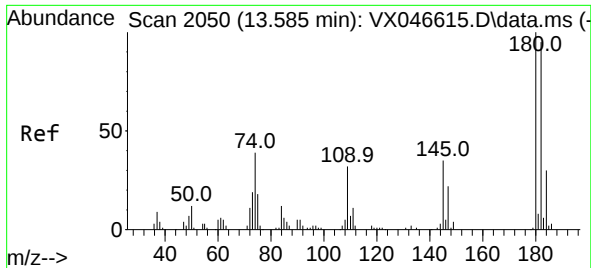
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 12.191 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

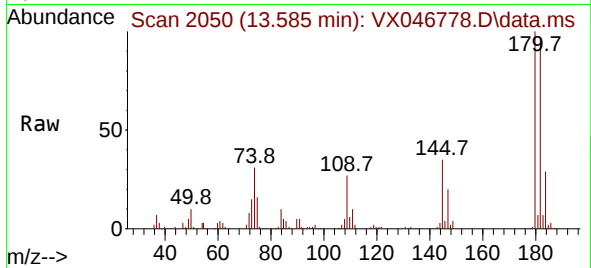
Tgt Ion: 75 Resp: 5318
Ion Ratio Lower Upper
75 100
155 85.7 59.4 89.2
157 111.7 75.0 112.6





#89
1,2,4-Trichlorobenzene
Concen: 19.769 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

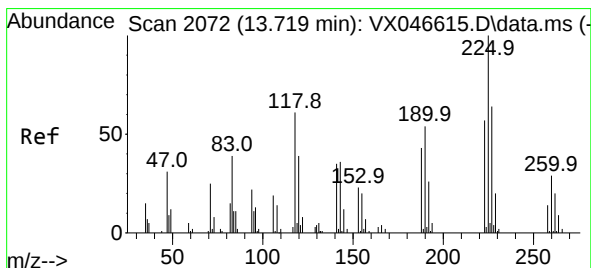
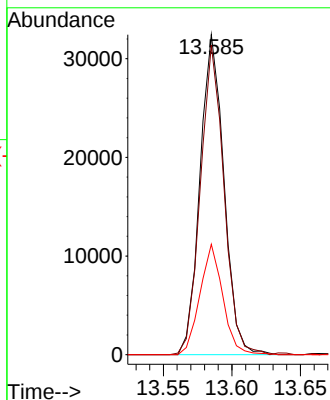
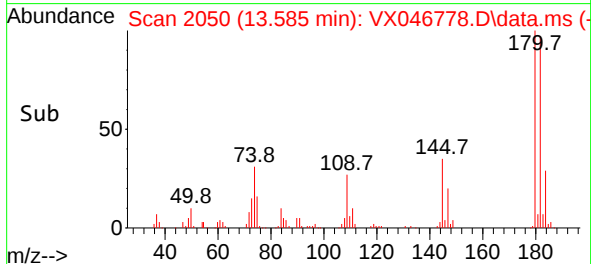
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



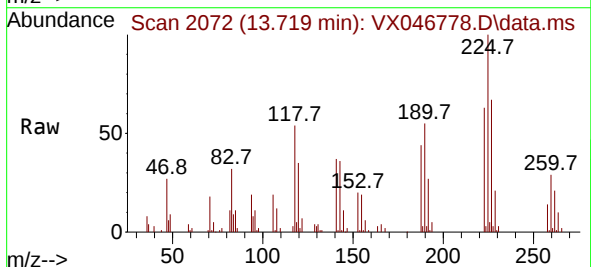
Tgt Ion:180 Resp: 39384
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 33.1 27.4 41.0

Manual Integrations
APPROVED

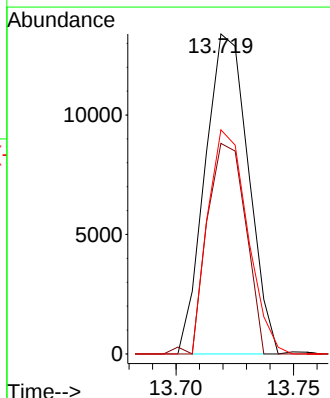
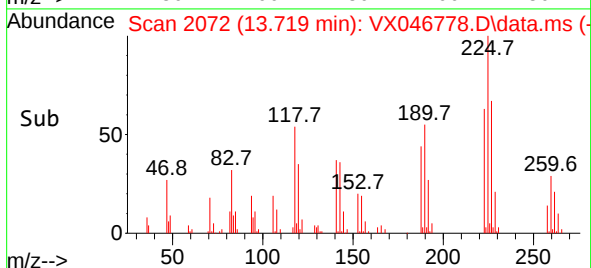
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

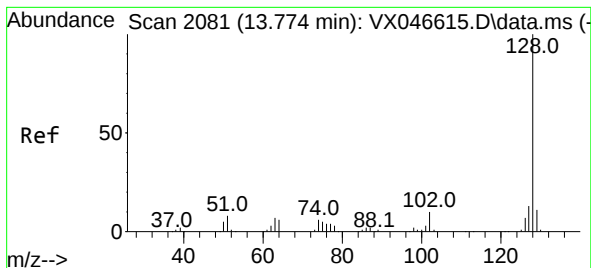


#90
Hexachlorobutadiene
Concen: 19.586 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



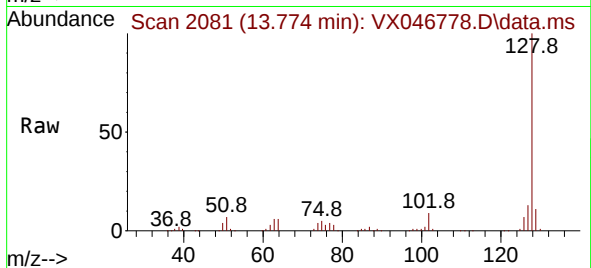
Tgt Ion:225 Resp: 17181
Ion Ratio Lower Upper
225 100
223 57.8 0.0 126.4
227 64.1 0.0 131.4





#91
Naphthalene
Concen: 15.755 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17

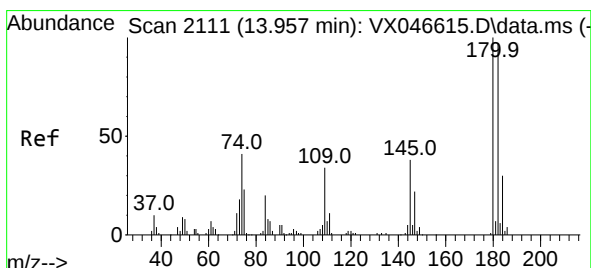
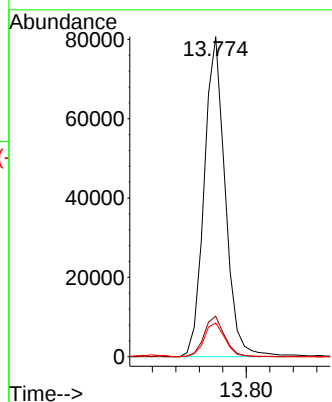
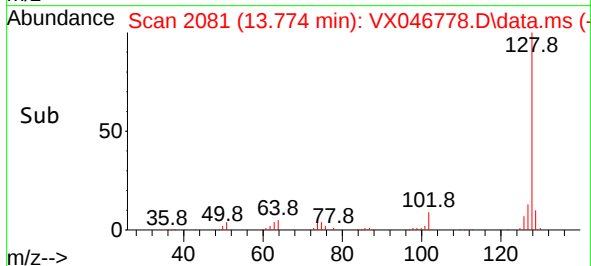
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS01



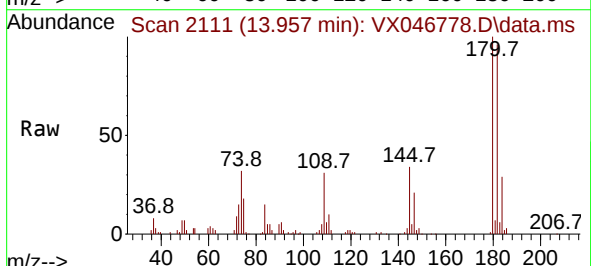
Tgt Ion:128 Resp: 99578
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.142 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046778.D
Acq: 20 Jun 2025 11:17



Tgt Ion:180 Resp: 37432
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.2
145 32.3 0.0 71.8

