

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046387.D
 Acq On : 28 May 2025 16:12
 Operator : JC/MD
 Sample : Q2126-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: May 29 03:39:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	81661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81234	53.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.720%			
35) Dibromofluoromethane	5.379	113	55375	52.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	8.647	98	180855	49.213	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.079	95	69079	49.004	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3234	2.587	ug/l	98
3) Chloromethane	1.307	50	3140	2.591	ug/l	91
4) Vinyl Chloride	1.374	62	2676	2.372	ug/l	93
5) Bromomethane	1.599	94	1491	2.850	ug/l	94
6) Chloroethane	1.673	64	1681	2.791	ug/l	92
7) Trichlorofluoromethane	1.874	101	4504	2.702	ug/l	100
8) Diethyl Ether	2.136	74	1495	2.634	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.325	101	2821	2.734	ug/l	96
10) Methyl Iodide	2.447	142	2938	2.407	ug/l	98
11) Tert butyl alcohol	2.977	59	3117	14.586	ug/l	100
12) 1,1-Dichloroethene	2.313	96	2636	2.722	ug/l	93
13) Acrolein	2.239	56	1582	6.500	ug/l	92
14) Allyl chloride	2.660	41	5047	2.727	ug/l	95
15) Acrylonitrile	3.069	53	8800	14.401	ug/l	98
16) Acetone	2.386	43	8900	14.580	ug/l	98
17) Carbon Disulfide	2.502	76	4797	2.090	ug/l	96
18) Methyl Acetate	2.703	43	4555	3.216	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	8980	2.645	ug/l	96
20) Methylene Chloride	2.782	84	3242	2.772	ug/l #	96
21) trans-1,2-Dichloroethene	3.087	96	2651	2.722	ug/l	95
22) Diisopropyl ether	3.758	45	9464	2.648	ug/l #	47
23) Vinyl Acetate	3.721	43	39144	12.450	ug/l	99
24) 1,1-Dichloroethane	3.605	63	5555	2.790	ug/l #	94
25) 2-Butanone	4.574	43	12314	13.895	ug/l	97
26) 2,2-Dichloropropane	4.471	77	4127	2.648	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	3003	2.562	ug/l	90
28) Bromochloromethane	4.898	49	2842	2.965	ug/l #	97
29) Tetrahydrofuran	5.013	42	7558	13.610	ug/l	99
30) Chloroform	5.099	83	6213	2.994	ug/l	93
31) Cyclohexane	5.465	56	4755	2.621	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	5103	2.837	ug/l	96
36) 1,1-Dichloropropene	5.696	75	3721	2.608	ug/l	100
37) Ethyl Acetate	4.739	43	4509m	2.558	ug/l	
38) Carbon Tetrachloride	5.672	117	4099	2.557	ug/l	96
39) Methylcyclohexane	7.379	83	4676	2.546	ug/l	98
40) Benzene	6.038	78	11684	2.796	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2471m	2.680	ug/l	
42) 1,2-Dichloroethane	6.092	62	5230	2.900	ug/l	96
43) Isopropyl Acetate	6.348	43	6925	2.575	ug/l	95
44) Trichloroethene	7.123	130	2595	2.580	ug/l	95
45) 1,2-Dichloropropane	7.434	63	2973	2.861	ug/l	90
46) Dibromomethane	7.580	93	2275	2.776	ug/l	95
47) Bromodichloromethane	7.824	83	4107	2.544	ug/l	97
48) Methyl methacrylate	7.702	41	3519	2.563	ug/l	93
49) 1,4-Dioxane	7.678	88	1486	56.991	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	23683	13.269	ug/l	97
52) Toluene	8.720	92	6871	2.682	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	3041	2.120	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	3850	2.428	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	2908	2.878	ug/l	97
56) Ethyl methacrylate	9.122	69	3667	2.277	ug/l	91
57) 1,3-Dichloropropane	9.311	76	4745	2.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	10298	12.545	ug/l	97
59) 2-Hexanone	9.433	43	16784	12.710	ug/l	94
60) Dibromochloromethane	9.519	129	2686	2.421	ug/l	98
61) 1,2-Dibromoethane	9.610	107	2792	2.659	ug/l	96
64) Tetrachloroethene	9.275	164	2651	2.901	ug/l	94
65) Chlorobenzene	10.073	112	7444	2.633	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	2406	2.492	ug/l	95
67) Ethyl Benzene	10.195	91	12622	2.533	ug/l	99
68) m/p-Xylenes	10.299	106	9072	4.978	ug/l	94
69) o-Xylene	10.640	106	4514	2.541	ug/l	97
70) Styrene	10.659	104	6850	2.353	ug/l	95
71) Bromoform	10.799	173	1547	2.135	ug/l #	91
73) Isopropylbenzene	10.964	105	11692	2.580	ug/l	99
74) N-amyl acetate	10.848	43	5486	2.450	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	4539	2.858	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	3655m	2.608	ug/l	
77) Bromobenzene	11.201	156	2970	2.823	ug/l	97
78) n-propylbenzene	11.305	91	13471	2.556	ug/l	99
79) 2-Chlorotoluene	11.366	91	9254	2.723	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	9620	2.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	864m	2.007	ug/l	
82) 4-Chlorotoluene	11.457	91	9869	2.618	ug/l	99
83) tert-Butylbenzene	11.713	119	8960	2.349	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	9516	2.482	ug/l	100
85) sec-Butylbenzene	11.890	105	11498	2.455	ug/l	99
86) p-Isopropyltoluene	12.006	119	8794	2.275	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4701	2.448	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	5193	2.648	ug/l	83
89) n-Butylbenzene	12.329	91	7207	2.126	ug/l	98
90) Hexachloroethane	12.536	117	1647	2.419	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	5216	2.707	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	929	2.640	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	2245	2.028	ug/l	96
94) Hexachlorobutadiene	13.719	225	1251	2.588	ug/l	96
95) Naphthalene	13.774	128	8122	2.001	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2360	2.067	ug/l	99

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QLast Update : Tue May 06 07:12:22 2025
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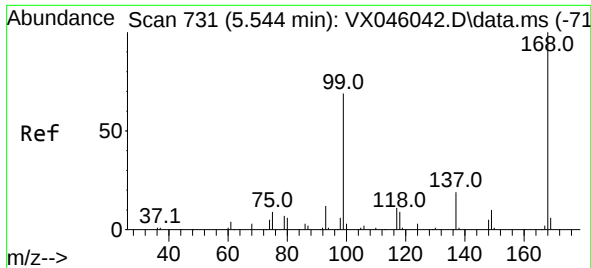
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

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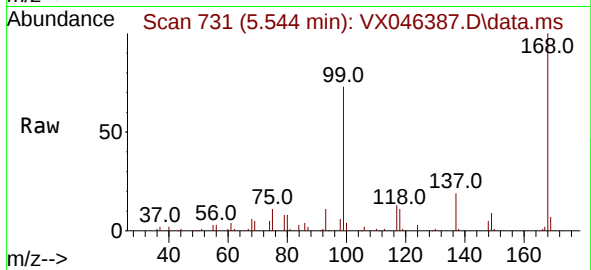
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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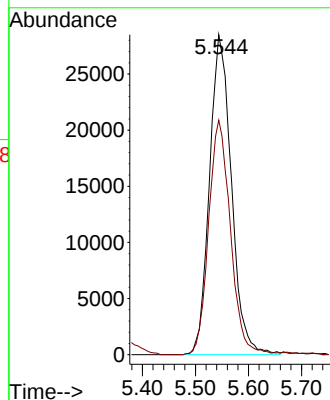
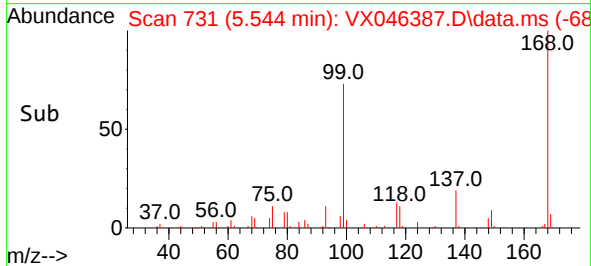
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 8166
Ion Ratio Lower Upper
168 100
99 73.3 54.9 82.3

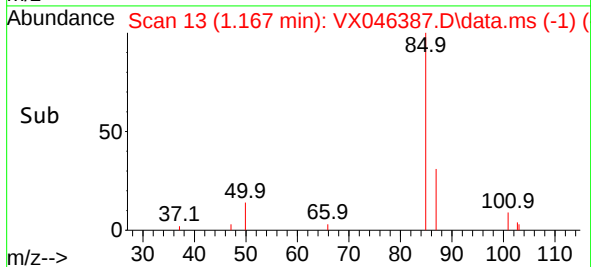
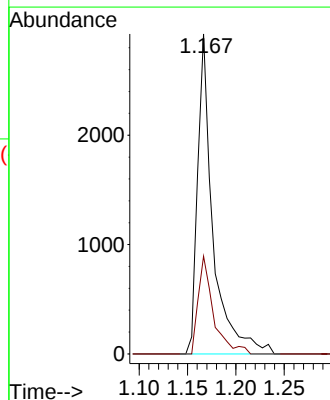
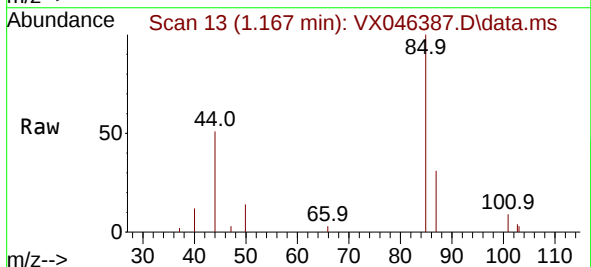
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#2
Dichlorodifluoromethane
Concen: 2.587 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

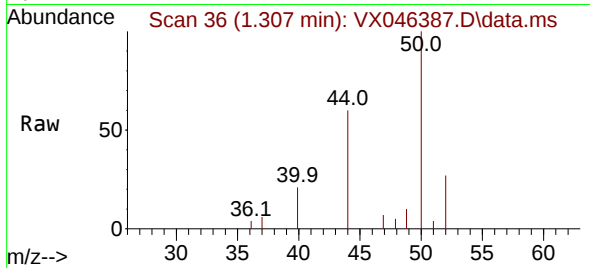
Tgt Ion: 85 Resp: 3234
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.1





#3
Chloromethane
Concen: 2.591 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

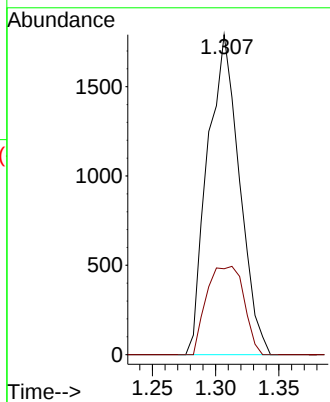
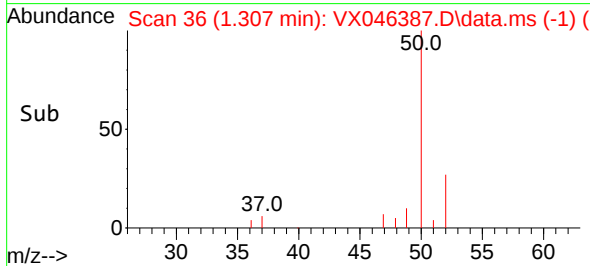
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



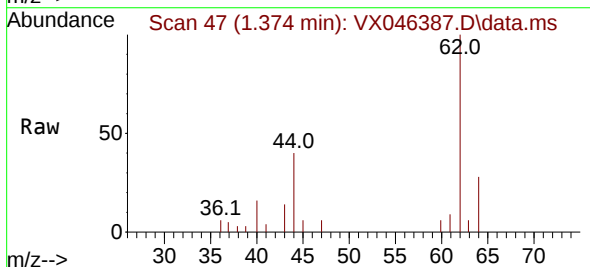
Tgt Ion: 50 Resp: 3140
Ion Ratio Lower Upper
50 100
52 26.9 25.4 38.2

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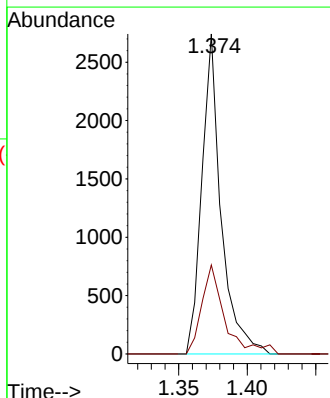
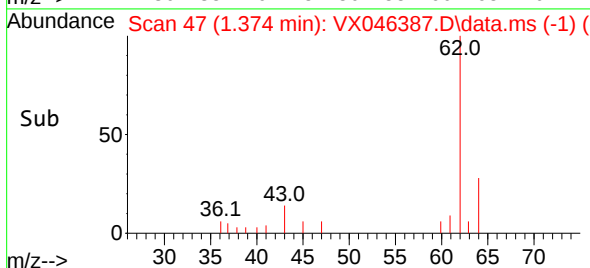
Reviewed By :John Carlone 05/29/2025
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#4
Vinyl Chloride
Concen: 2.372 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12



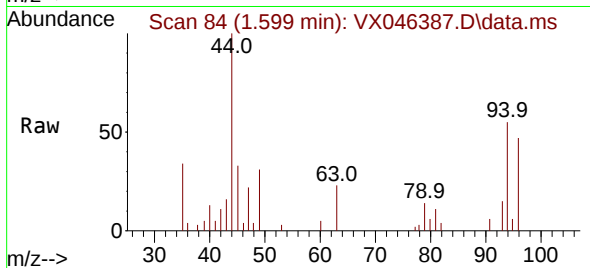
Tgt Ion: 62 Resp: 2676
Ion Ratio Lower Upper
62 100
64 27.8 25.2 37.8





#5
Bromomethane
Concen: 2.850 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

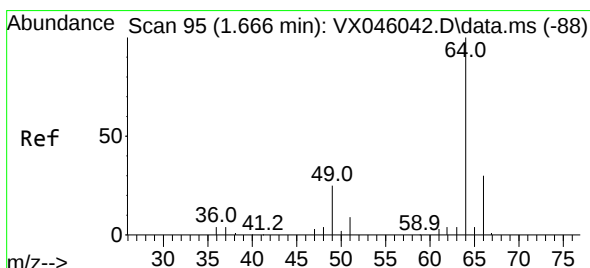
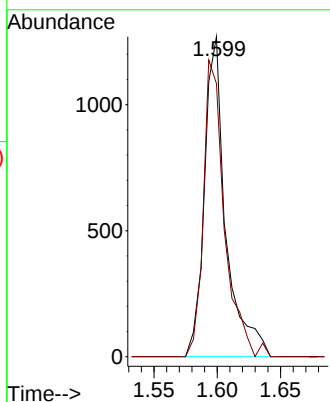
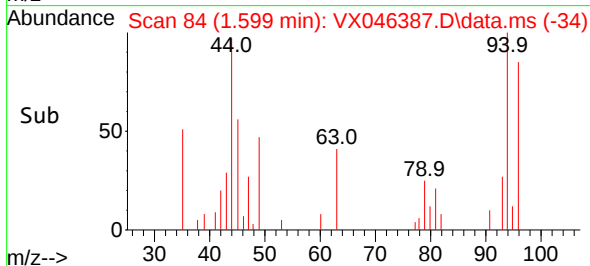
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 85.4 72.8 109.2

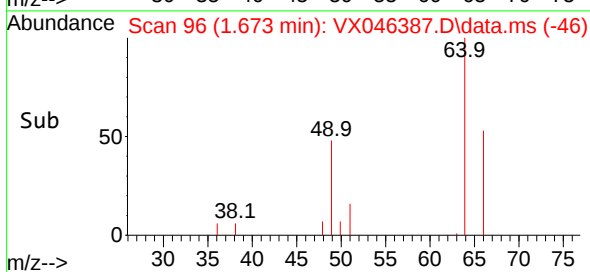
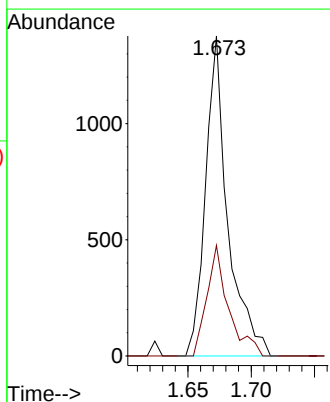
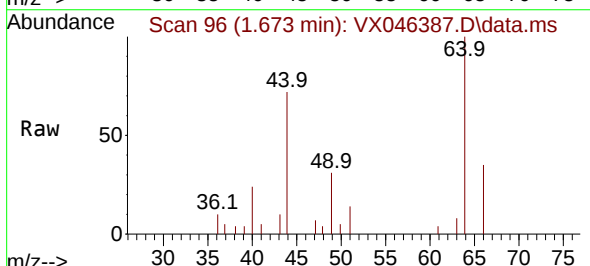
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#6
Chloroethane
Concen: 2.791 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX046387.D
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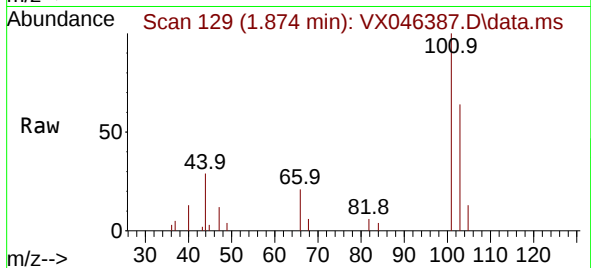
Tgt Ion: 64 Resp: 1681
Ion Ratio Lower Upper
64 100
66 34.6 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 2.702 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046387.D
 Acq: 28 May 2025 16:12

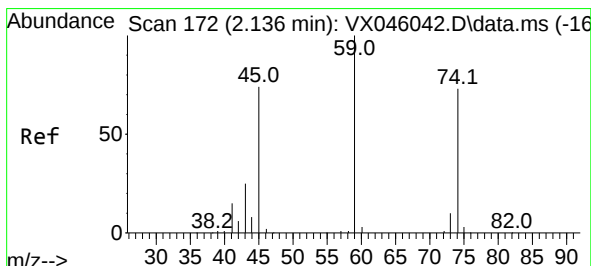
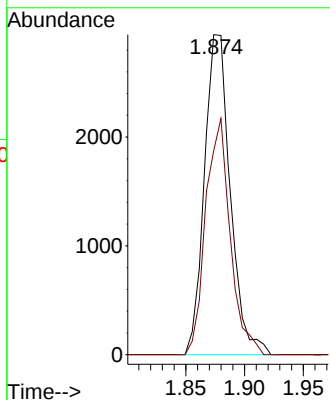
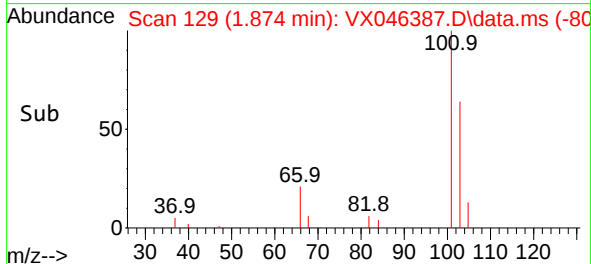
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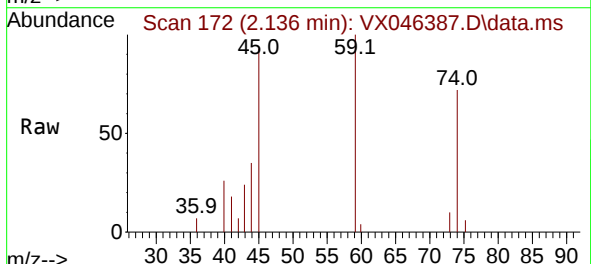
Tgt Ion:101 Resp: 4504
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.4

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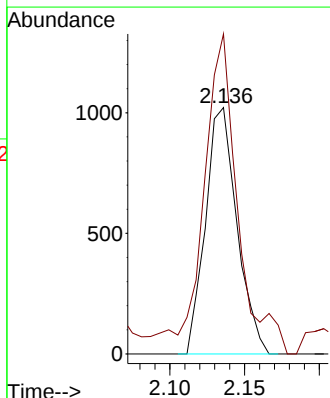
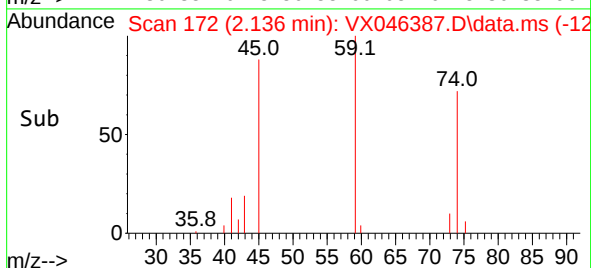
Reviewed By :John Carlone 05/29/2025
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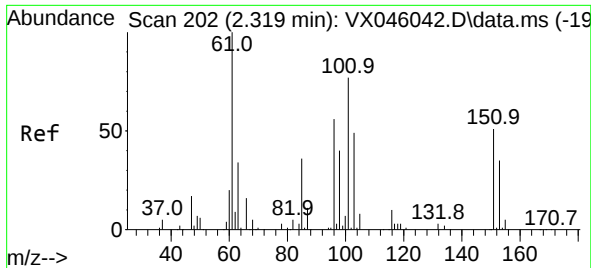


#8
 Diethyl Ether
 Concen: 2.634 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX046387.D
 Acq: 28 May 2025 16:12



Tgt Ion: 74 Resp: 1495
 Ion Ratio Lower Upper
 74 100
 45 141.5 54.9 164.8





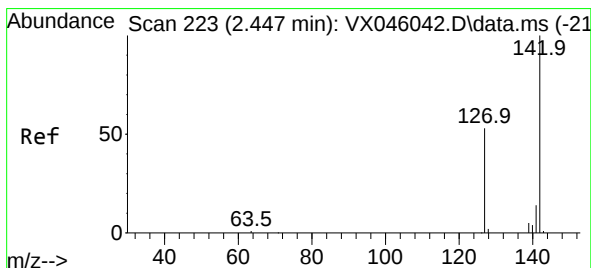
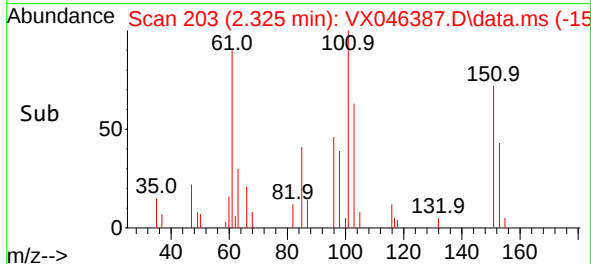
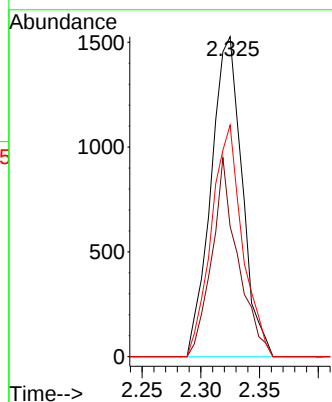
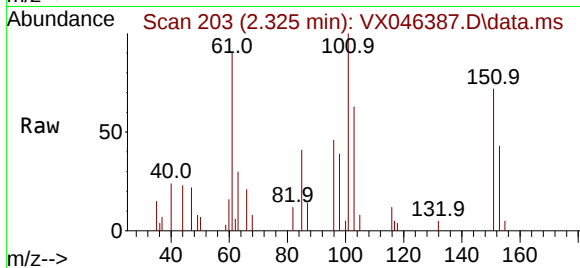
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1,1,2-Trichlorotrifluoroethane
Concen: 2.734 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX046387.D
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ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:101 Resp: 282
Ion Ratio Lower Upper
101 100
85 51.8 38.6 58.0
151 71.8 55.2 82.8

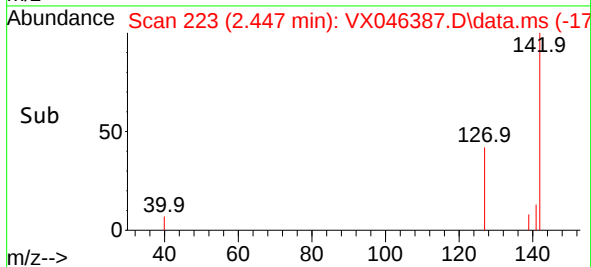
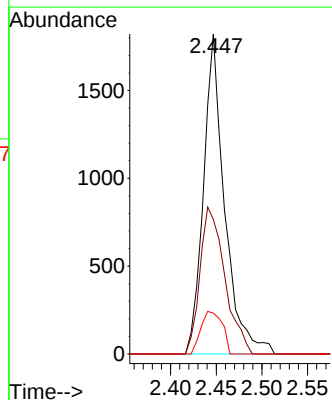
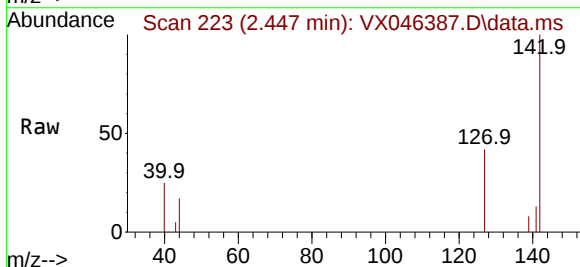
Manual Integrations
APPROVED

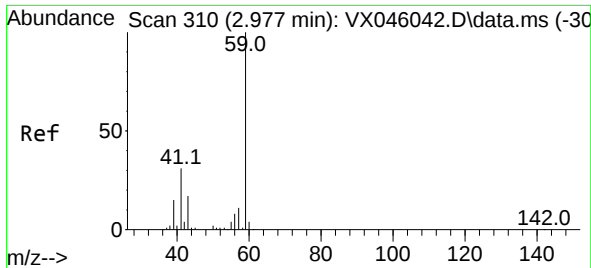
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 2.407 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

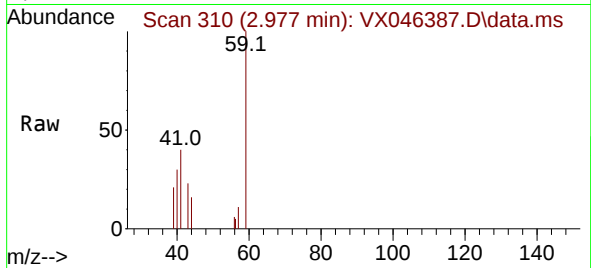
Tgt Ion:142 Resp: 2938
Ion Ratio Lower Upper
142 100
127 53.7 41.7 62.5
141 13.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 14.586 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

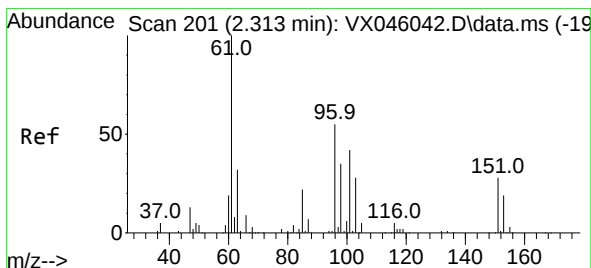
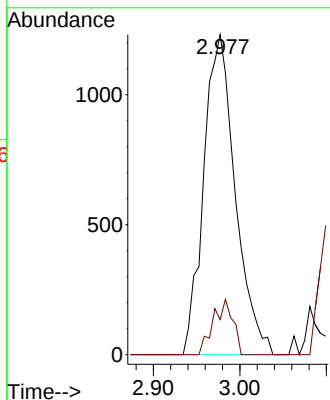
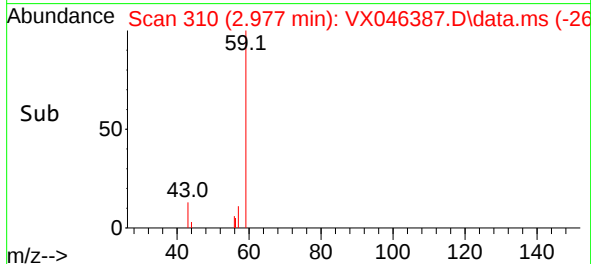
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



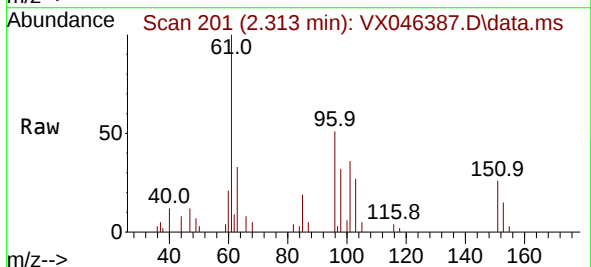
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
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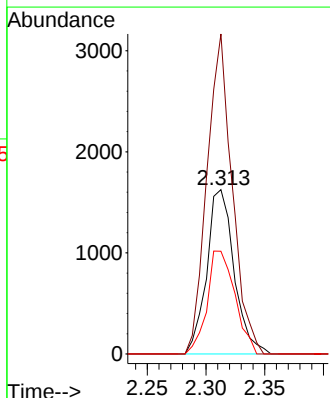
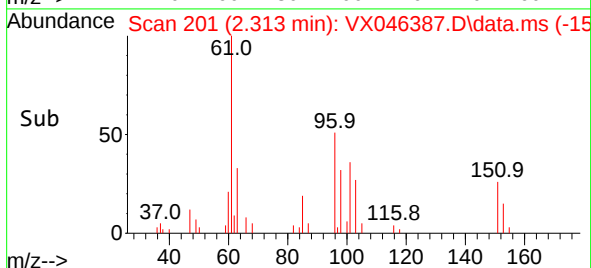
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

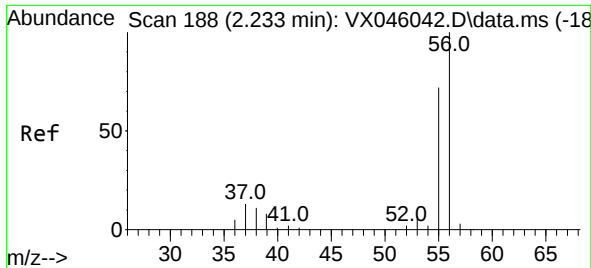


#12
1,1-Dichloroethene
Concen: 2.722 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12



Tgt Ion: 96 Resp: 2636
Ion Ratio Lower Upper
96 100
61 194.7 146.2 219.2
98 62.5 51.0 76.6





#13

Acrolein

Concen: 6.500 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

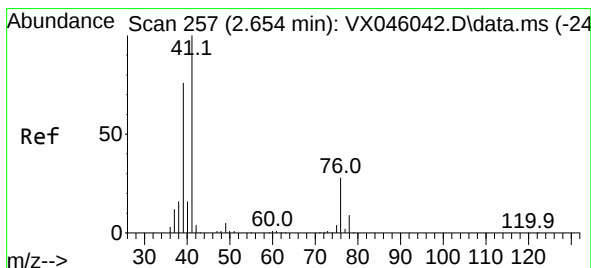
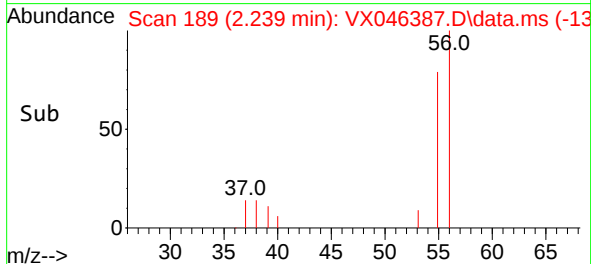
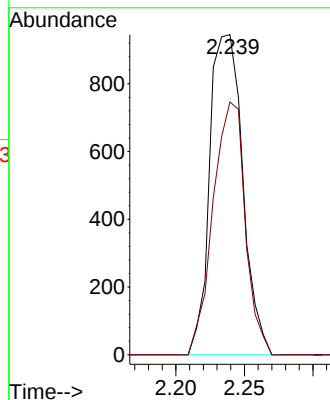
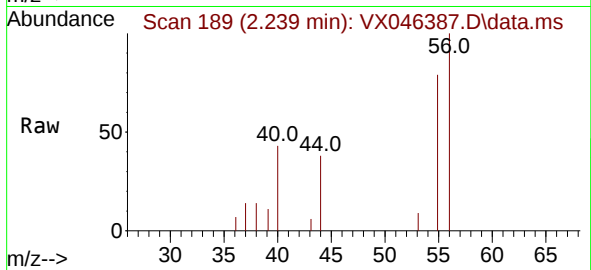
55 77.1 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#14

Allyl chloride

Concen: 2.727 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

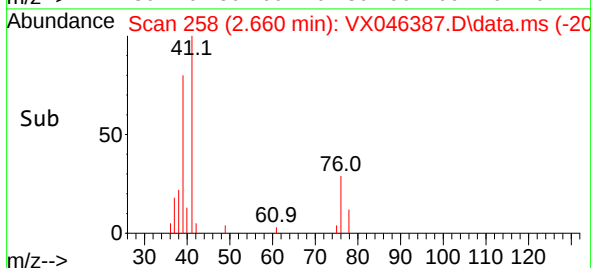
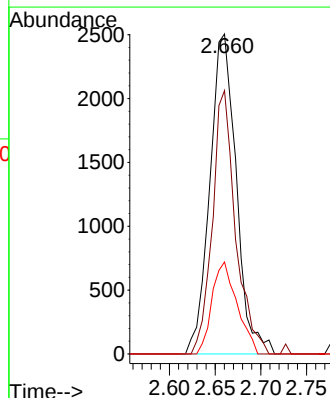
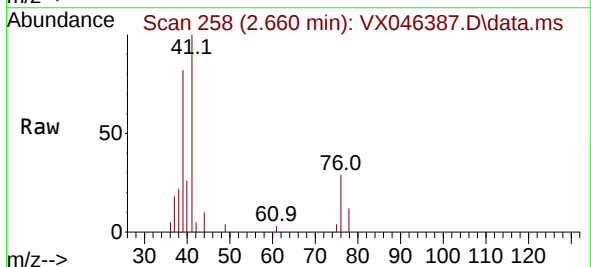
Tgt Ion: 41 Resp: 5047

Ion Ratio Lower Upper

41 100

39 72.4 60.6 90.8

76 27.2 24.9 37.3





#15

Acrylonitrile

Concen: 14.401 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

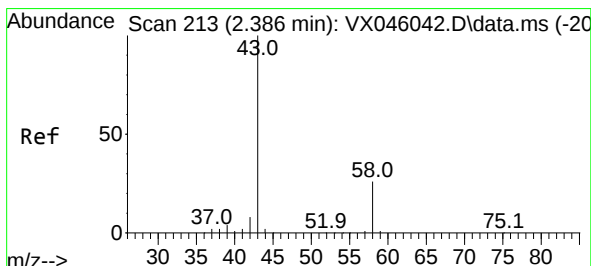
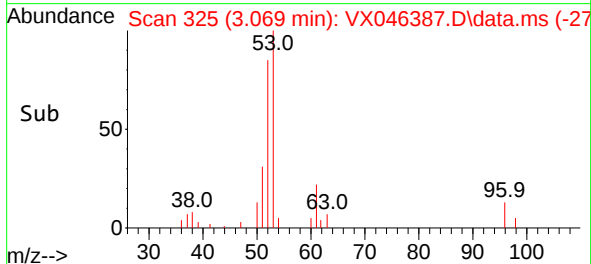
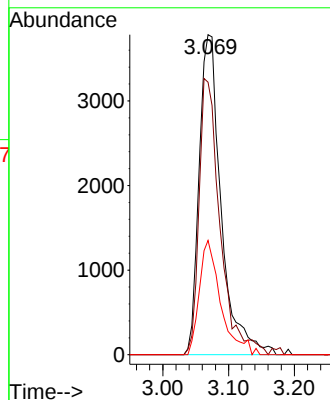
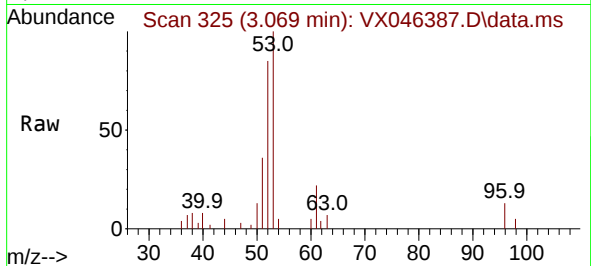
Tgt Ion: 53	Resp: 8800
Ion Ratio	Lower Upper
53 100	
52 82.1	65.3 97.9
51 34.7	29.8 44.8

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#16

Acetone

Concen: 14.580 ug/l

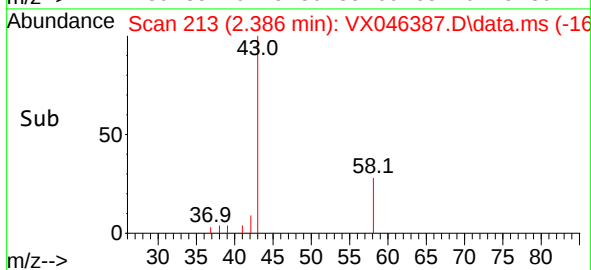
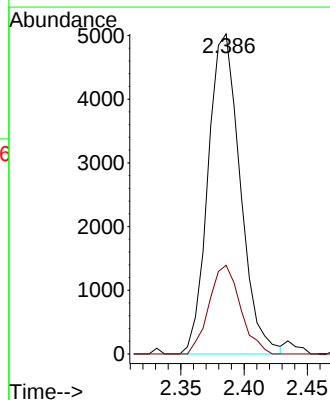
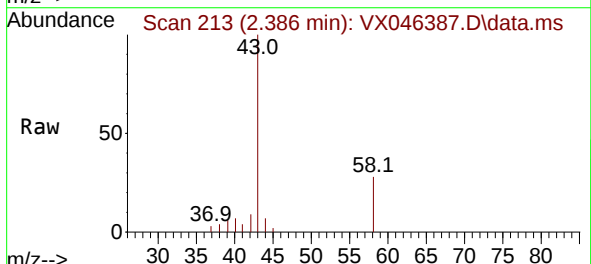
RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Tgt Ion: 43	Resp: 8900
Ion Ratio	Lower Upper
43 100	
58 27.7	21.2 31.8





#17

Carbon Disulfide

Concen: 2.090 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 479

Ion Ratio Lower Upper

76 100

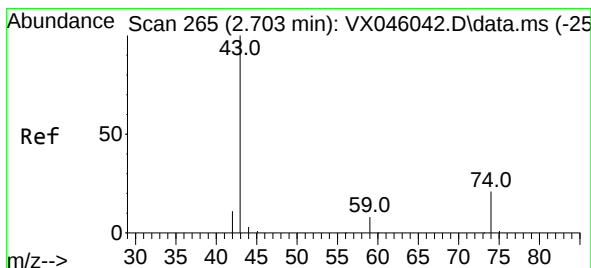
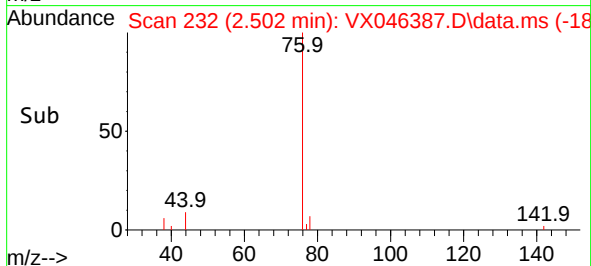
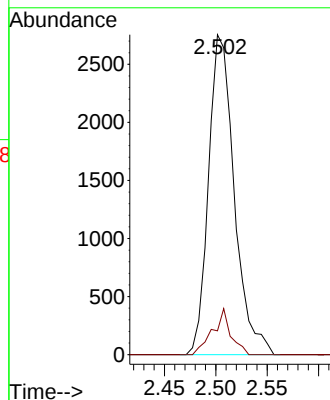
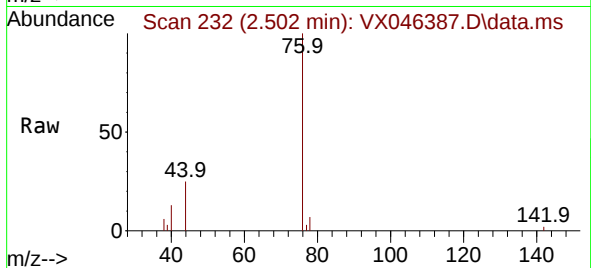
78 7.4 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#18

Methyl Acetate

Concen: 3.216 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046387.D

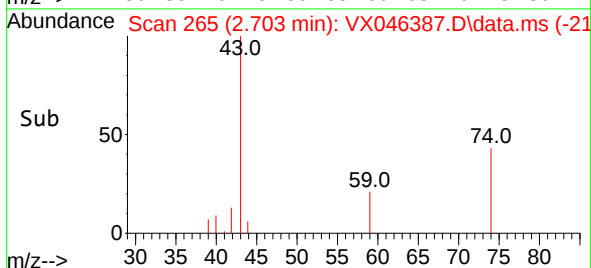
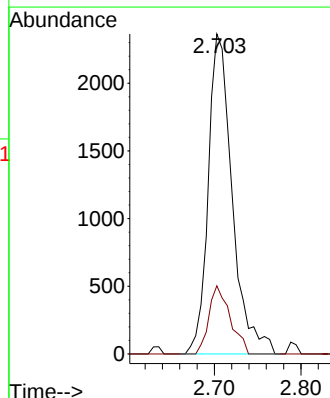
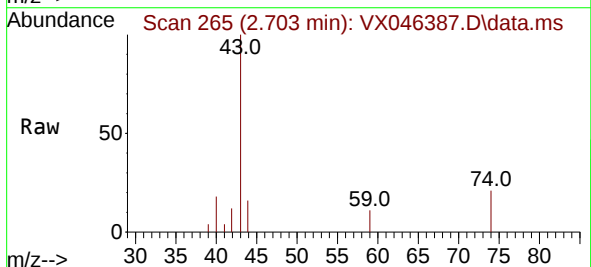
Acq: 28 May 2025 16:12

Tgt Ion: 43 Resp: 4555

Ion Ratio Lower Upper

43 100

74 18.9 16.7 25.1





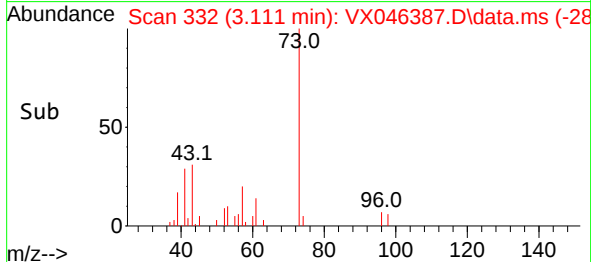
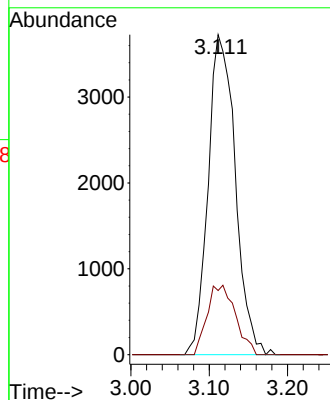
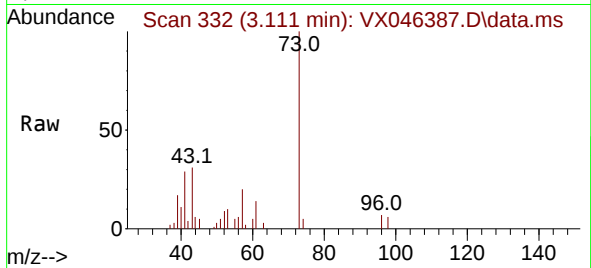
#19
Methyl tert-butyl Ether
Concen: 2.645 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 73 Resp: 8980
Ion Ratio Lower Upper
73 100
57 20.0 17.7 26.5

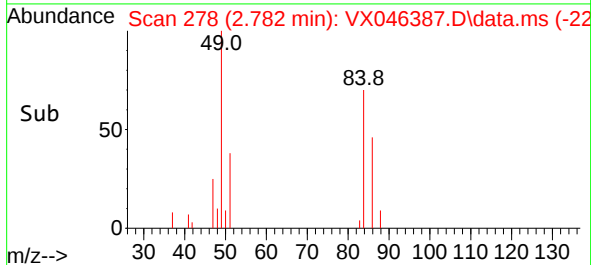
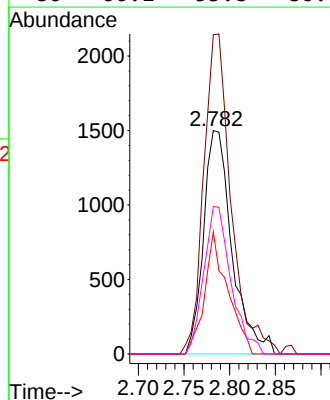
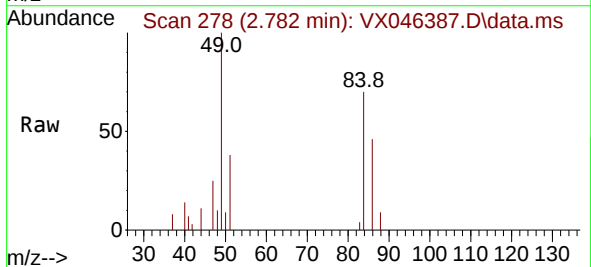
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 2.772 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

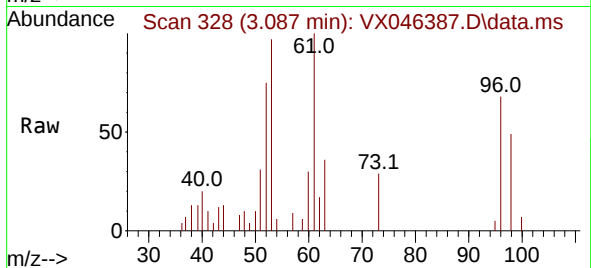
Tgt Ion: 84 Resp: 3242
Ion Ratio Lower Upper
84 100
49 143.0 113.9 170.9
51 54.7 33.5 50.3#
86 66.1 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 2.722 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

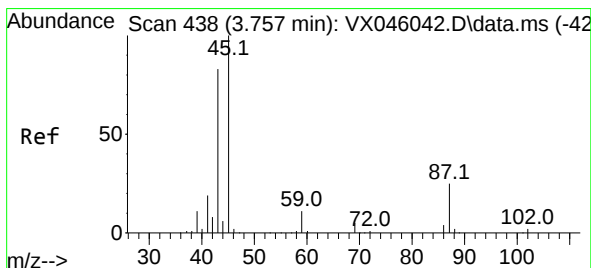
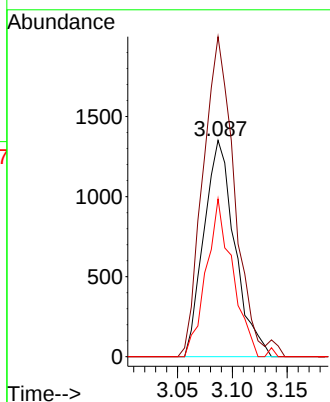
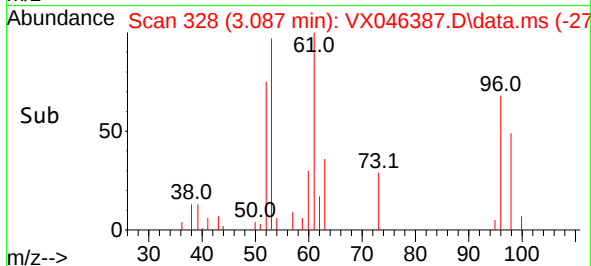
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 96 Resp: 265
Ion Ratio Lower Upper
96 100
61 148.0 119.5 179.3
98 73.0 50.0 75.0

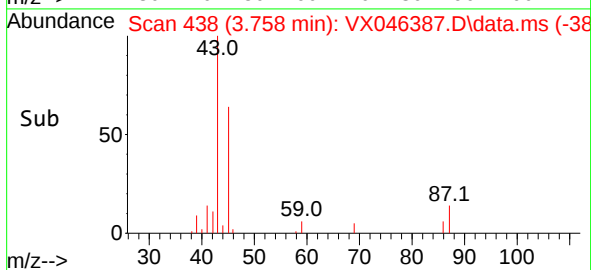
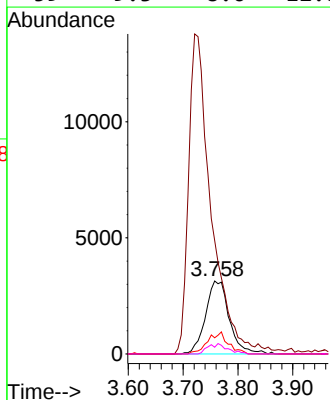
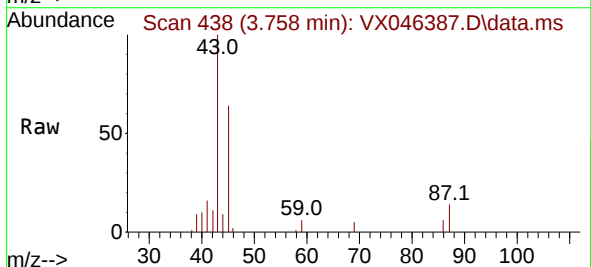
Manual Integrations
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Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 2.648 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

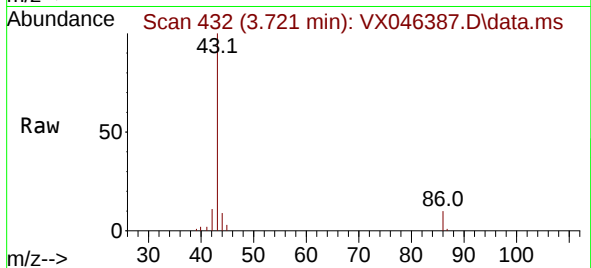
Tgt Ion: 45 Resp: 9464
Ion Ratio Lower Upper
45 100
43 149.7 66.6 100.0#
87 22.1 19.8 29.6
59 9.3 8.6 12.8





#23
 Vinyl Acetate
 Concen: 12.450 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046387.D
 Acq: 28 May 2025 16:12

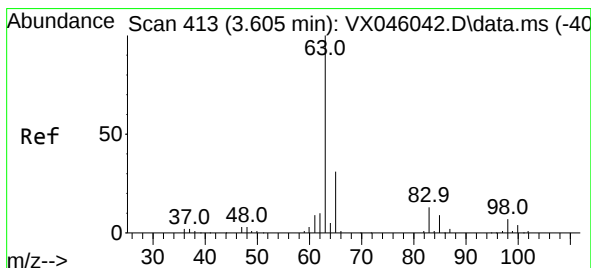
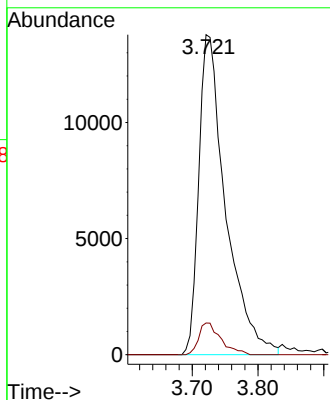
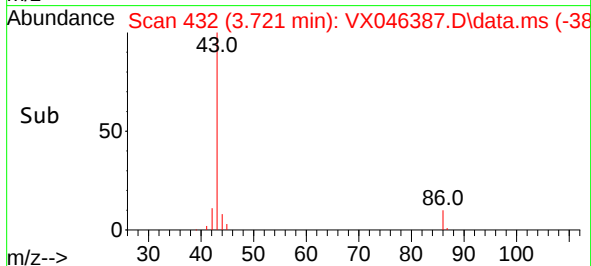
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



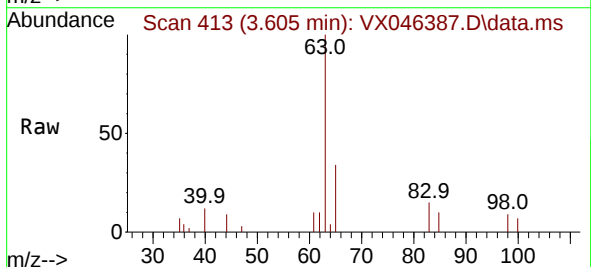
Tgt Ion: 43 Resp: 3914
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3

Manual Integrations
 APPROVED

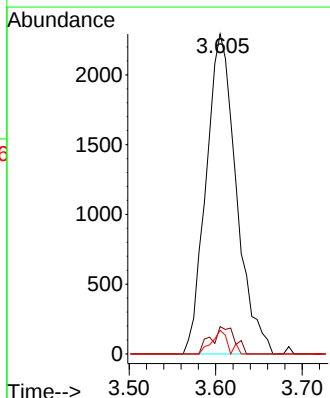
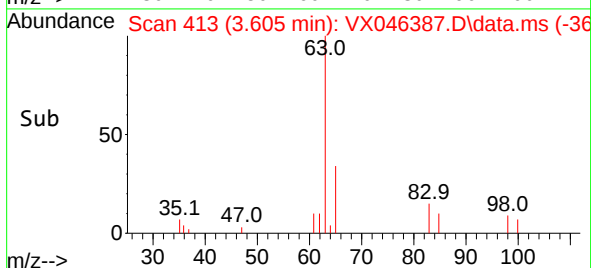
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

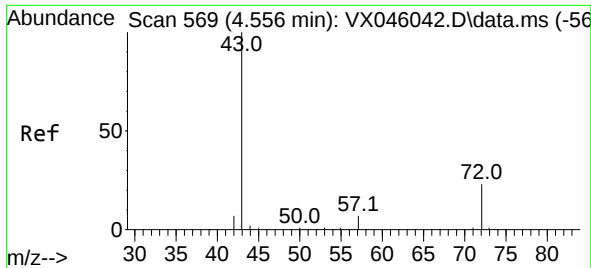


#24
 1,1-Dichloroethane
 Concen: 2.790 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046387.D
 Acq: 28 May 2025 16:12



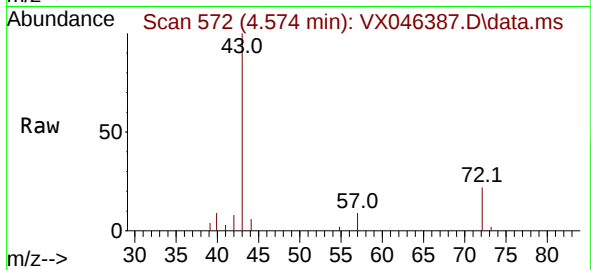
Tgt Ion: 63 Resp: 5555
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 7.4 2.1 6.3#





#25
2-Butanone
Concen: 13.895 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

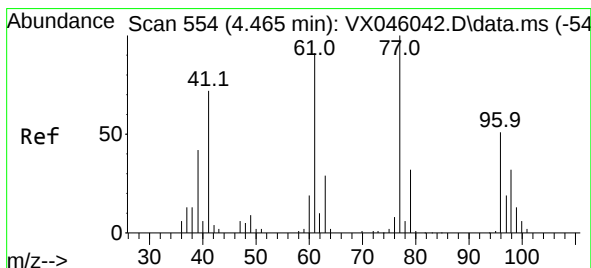
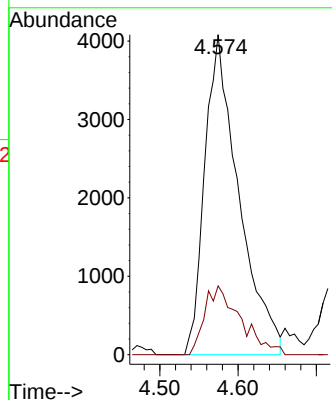
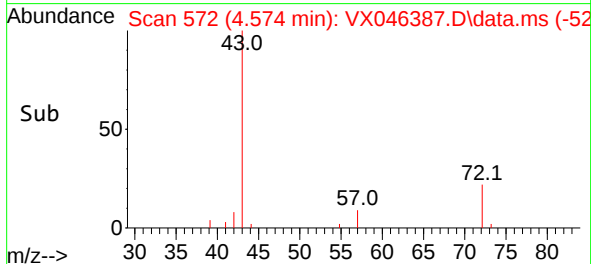
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 12314
Ion Ratio Lower Upper
43 100
72 21.5 18.4 27.6

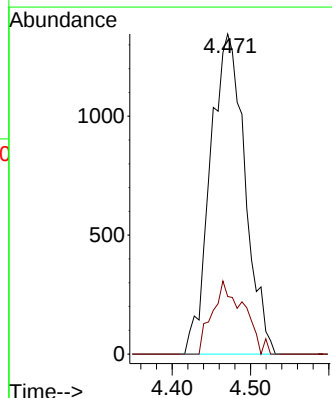
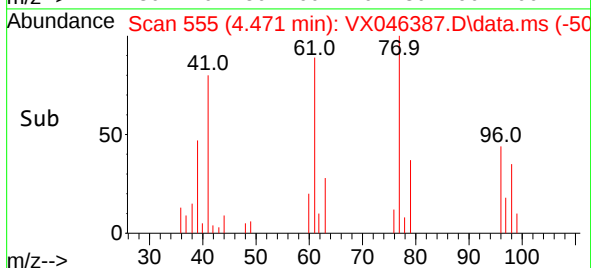
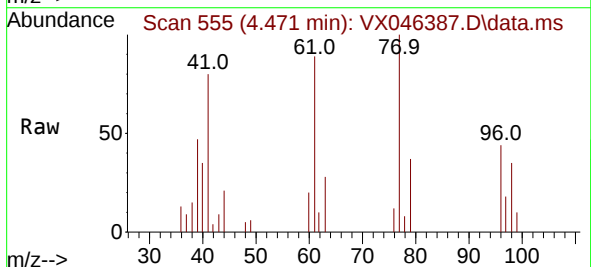
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 2.648 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion: 77 Resp: 4127
Ion Ratio Lower Upper
77 100
97 20.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 2.562 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

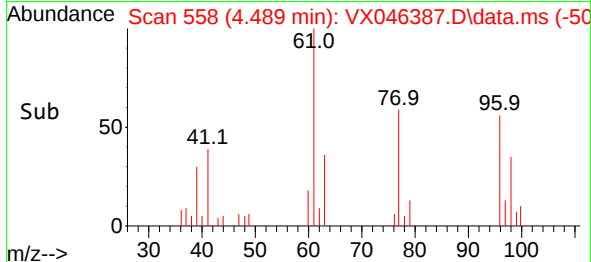
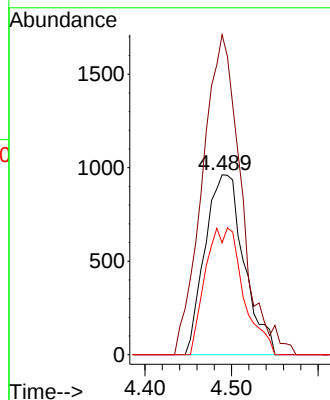
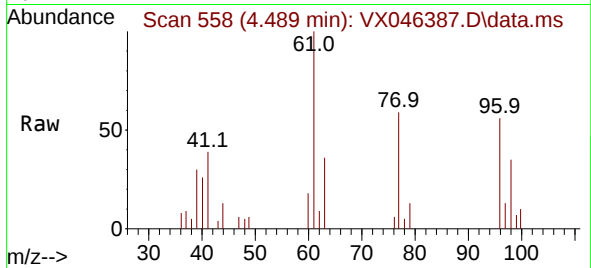
Tgt Ion: 96	Resp: 300
Ion Ratio	Lower Upper
96 100	
61 177.3	0.0 322.8
98 68.8	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#28

Bromochloromethane

Concen: 2.965 ug/l

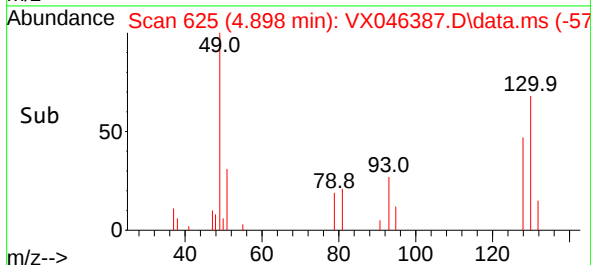
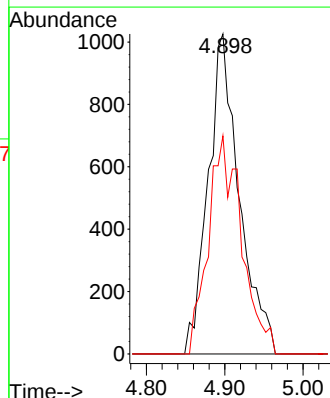
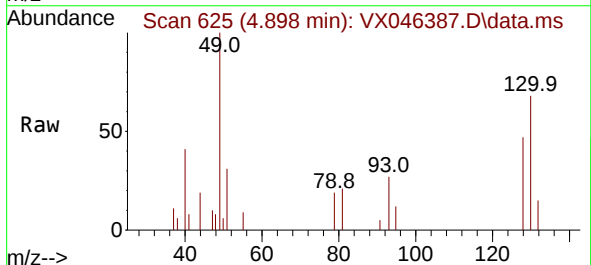
RT: 4.898 min Scan# 625

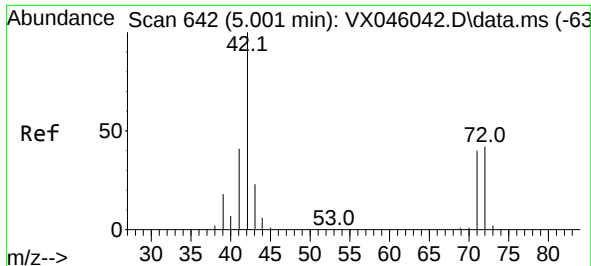
Delta R.T. 0.000 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

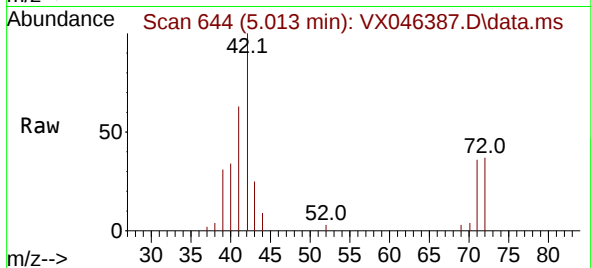
Tgt Ion: 49	Resp: 2842
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 72.7	56.2 84.2





#29
Tetrahydrofuran
Concen: 13.610 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

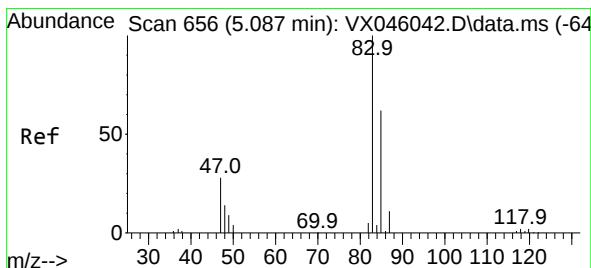
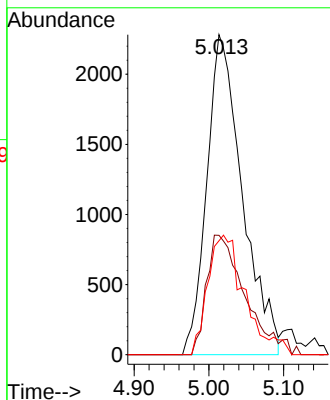
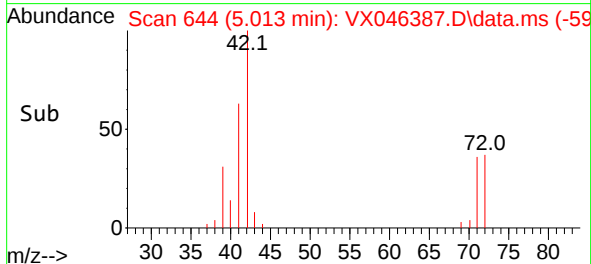
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 42 Resp: 755
Ion Ratio Lower Upper
42 100
72 40.6 33.7 50.5
71 39.0 31.4 47.2

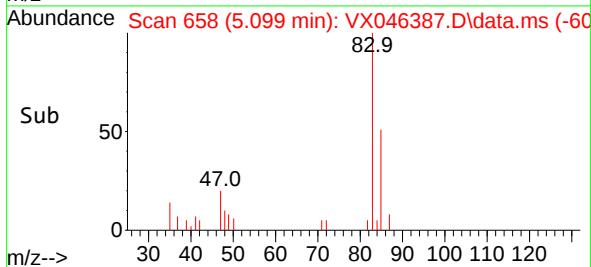
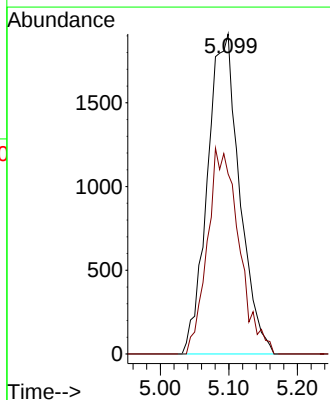
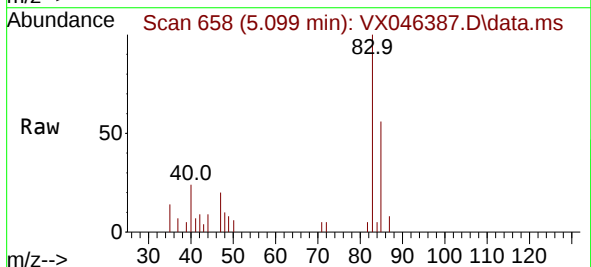
Manual Integrations
APPROVED

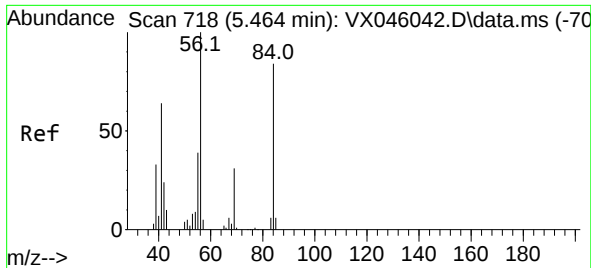
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#30
Chloroform
Concen: 2.994 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

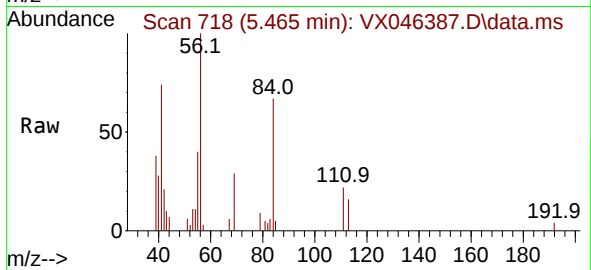
Tgt Ion: 83 Resp: 6213
Ion Ratio Lower Upper
83 100
85 56.3 49.3 73.9





#31
Cyclohexane
Concen: 2.621 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

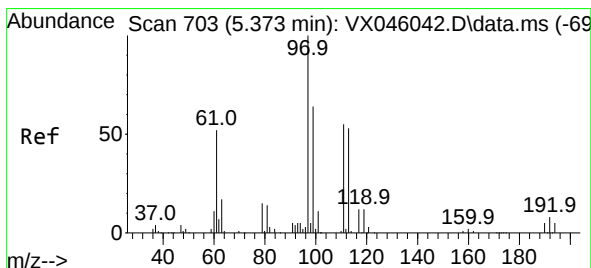
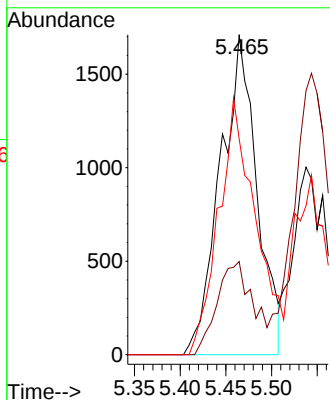
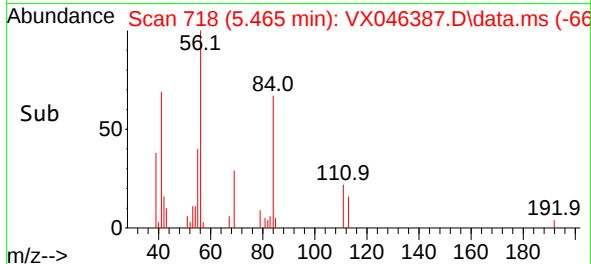
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 56 Resp: 475
Ion Ratio Lower Upper
56 100
69 29.1 24.4 36.6
84 67.4 66.9 100.3

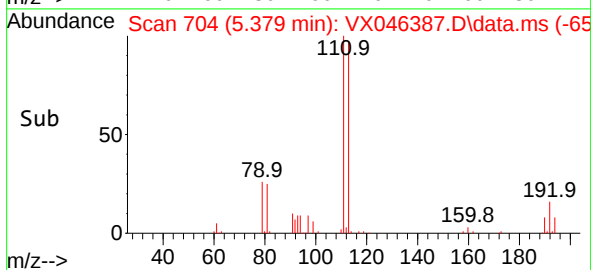
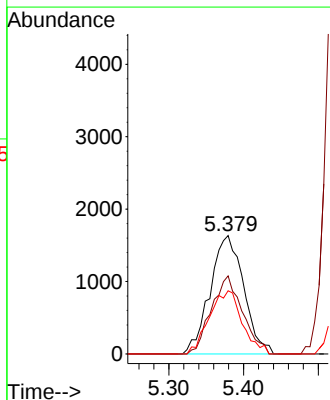
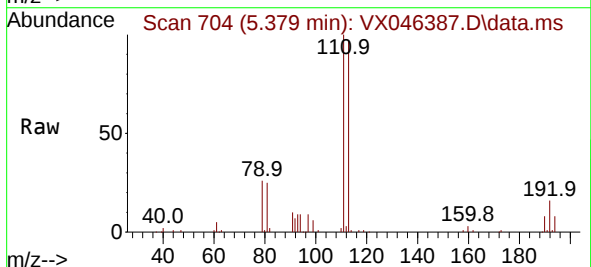
Manual Integrations
APPROVED

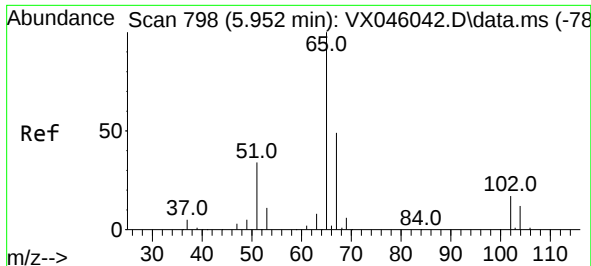
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#32
1,1,1-Trichloroethane
Concen: 2.837 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion: 97 Resp: 5103
Ion Ratio Lower Upper
97 100
99 61.1 51.8 77.6
61 52.1 40.1 60.1





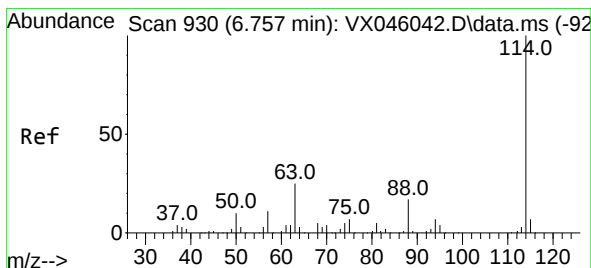
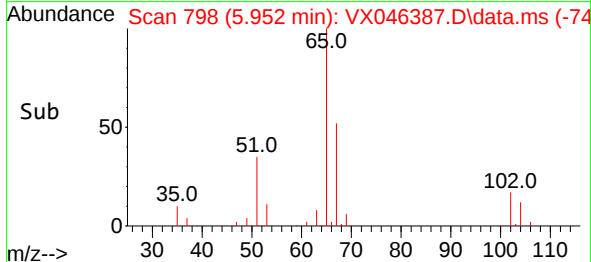
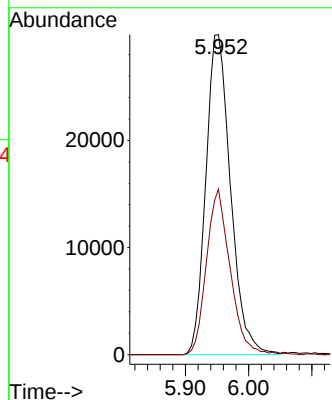
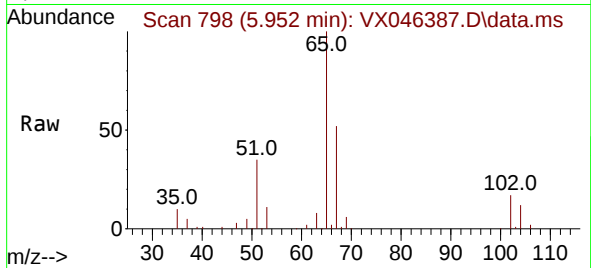
#33
1,2-Dichloroethane-d4
Concen: 53.358 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 81234
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

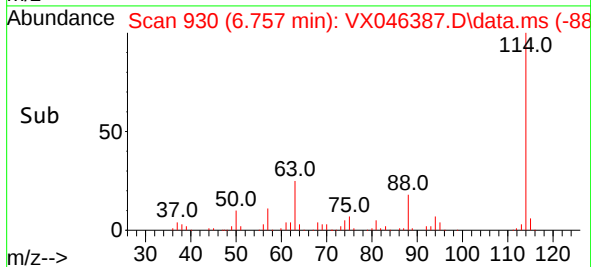
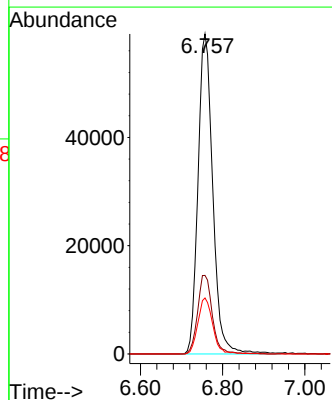
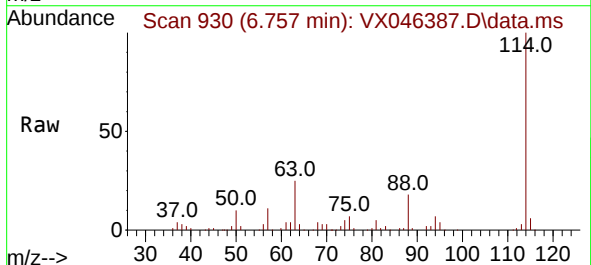
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

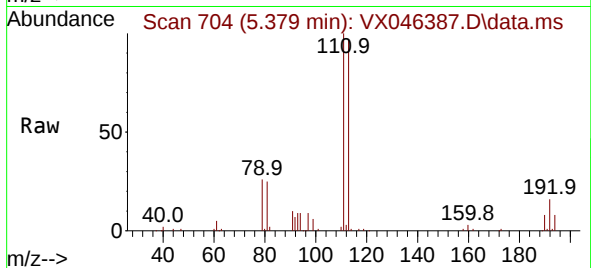
Tgt Ion:114 Resp: 147447
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 17.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.153 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

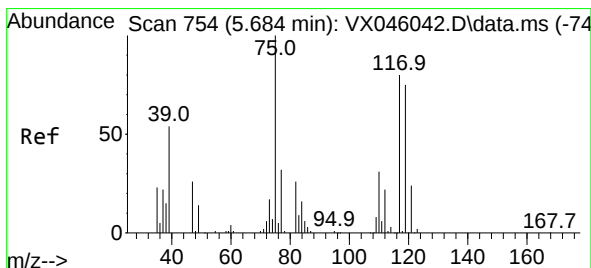
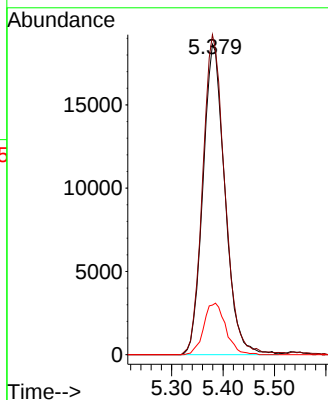
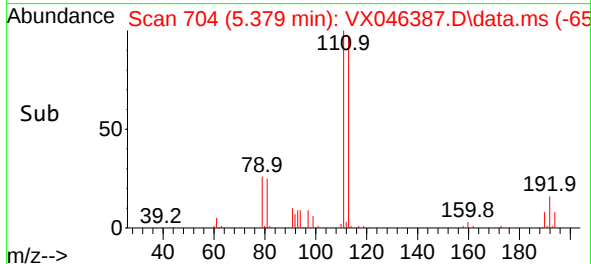
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 113 Resp: 5537
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 16.7 13.3 19.9

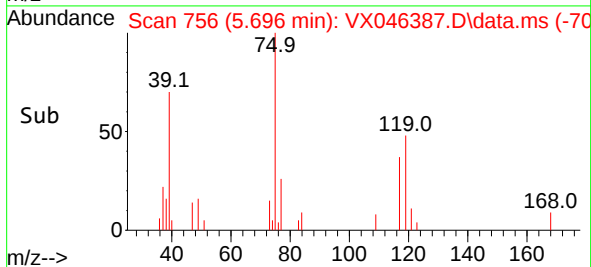
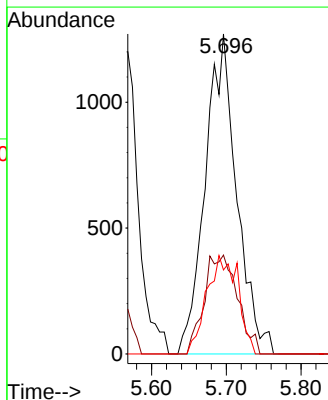
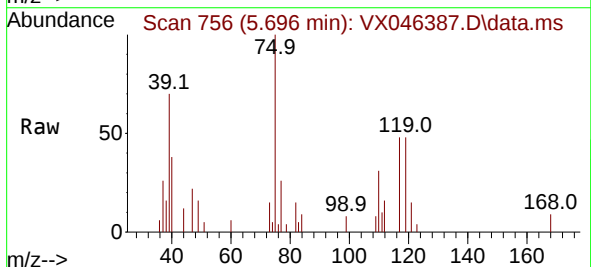
Manual Integrations
APPROVED

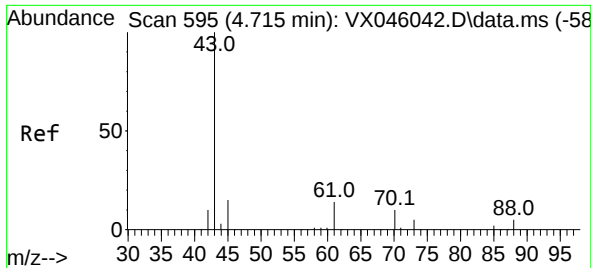
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 2.608 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

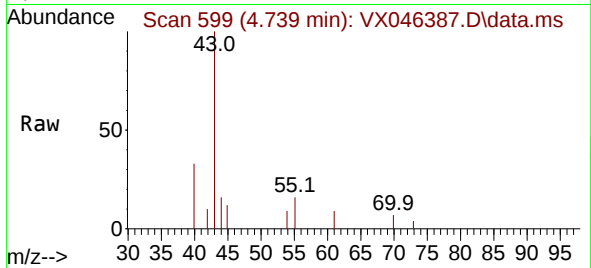
Tgt Ion: 75 Resp: 3721
Ion Ratio Lower Upper
75 100
110 32.8 16.3 48.9
77 30.4 24.3 36.5





#37
Ethyl Acetate
Concen: 2.558 ug/l m
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

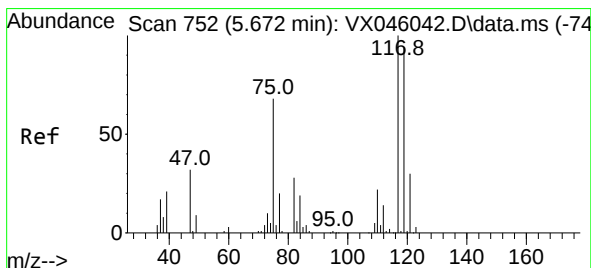
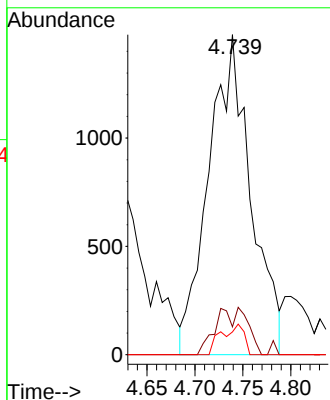
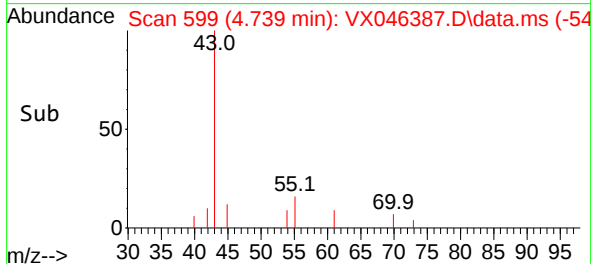
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 4509
Ion Ratio Lower Upper
43 100
61 6.4 10.3 15.5
70 5.1 7.9 11.9

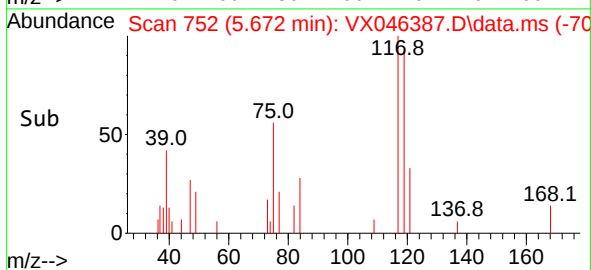
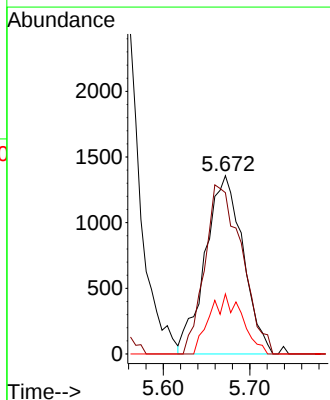
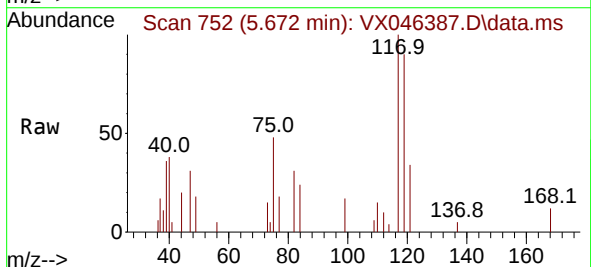
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 2.557 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion:117 Resp: 4099
Ion Ratio Lower Upper
117 100
119 90.5 75.2 112.8
121 33.7 24.2 36.4





#39

Methylcyclohexane

Concen: 2.546 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

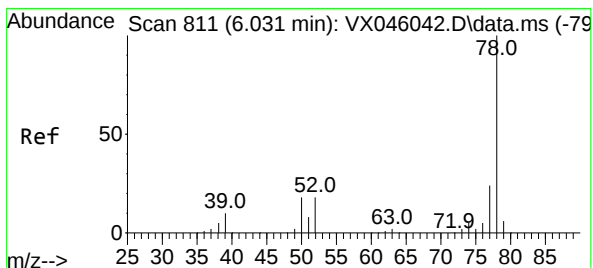
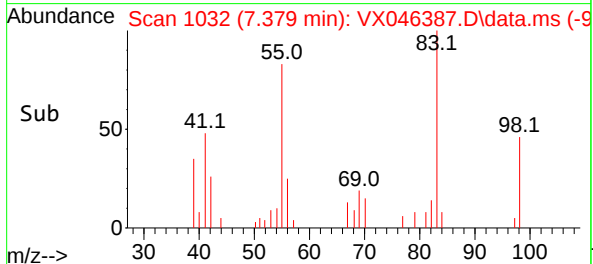
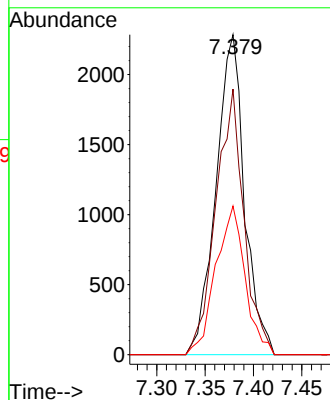
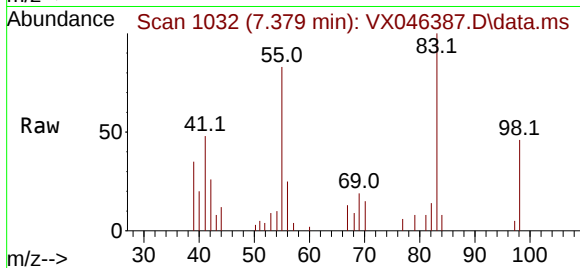
Tgt Ion: 83	Resp: 4670
Ion Ratio	Lower Upper
83	100
55	83.0 64.7 97.1
98	46.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 2.796 ug/l

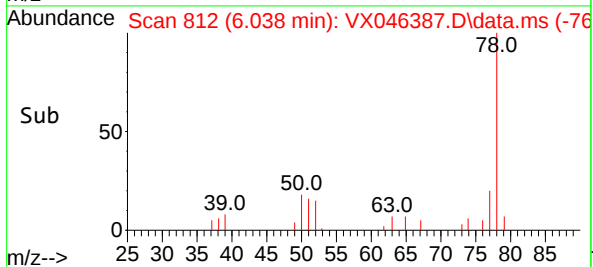
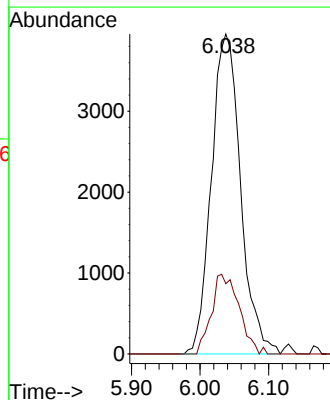
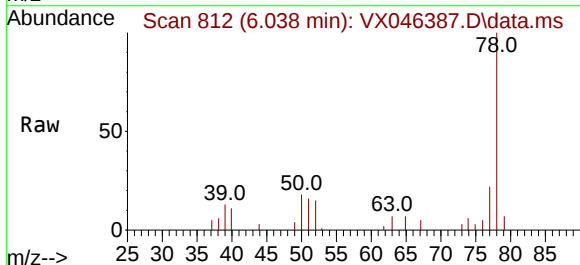
RT: 6.038 min Scan# 812

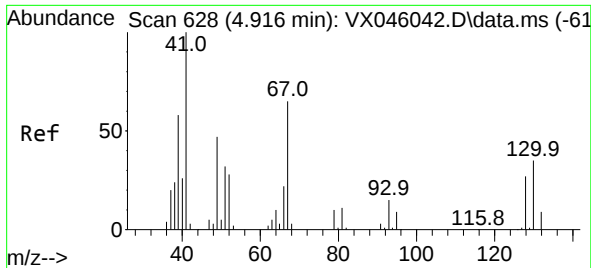
Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

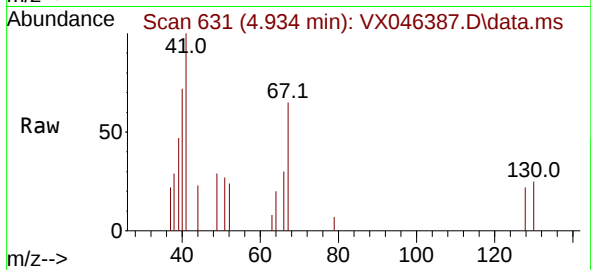
Tgt Ion: 78	Resp: 11684
Ion Ratio	Lower Upper
78	100
77	21.9 19.0 28.4





#41
Methacrylonitrile
Concen: 2.680 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

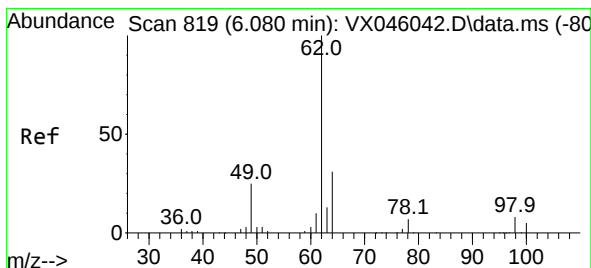
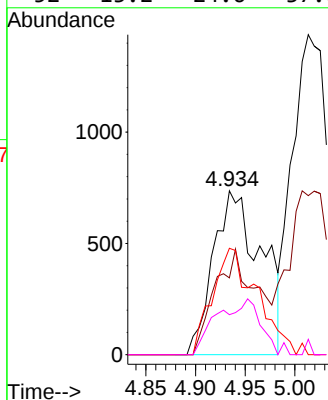
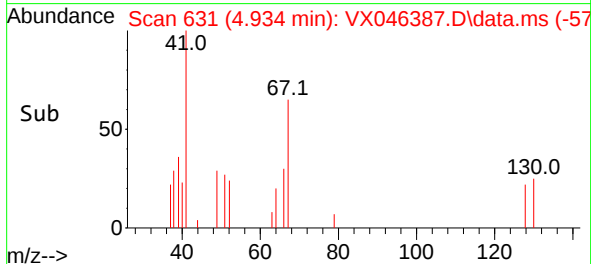
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 41 Resp: 247
Ion Ratio Lower Upper
41 100
39 55.8 47.2 70.8
67 60.7 50.7 76.1
52 13.2 24.6 37.0#

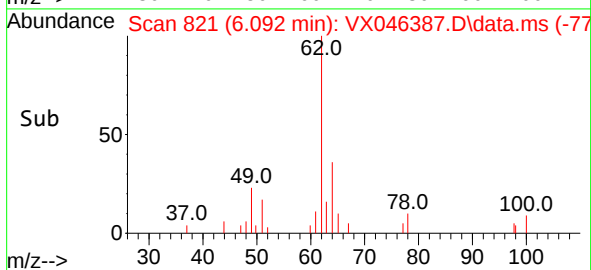
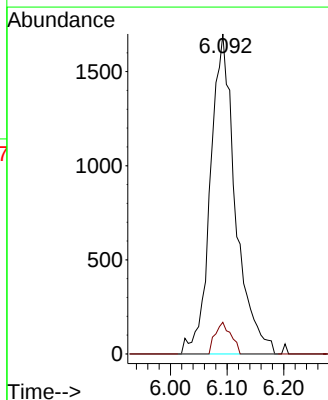
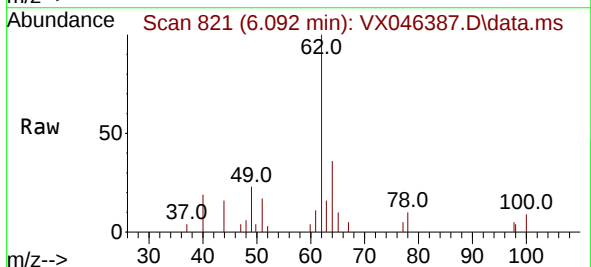
Manual Integrations
APPROVED

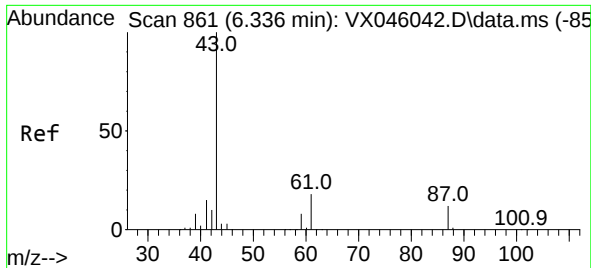
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 2.900 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

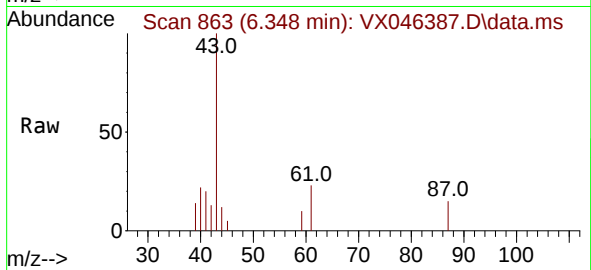
Tgt Ion: 62 Resp: 5230
Ion Ratio Lower Upper
62 100
98 6.2 0.0 15.2





#43
Isopropyl Acetate
Concen: 2.575 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

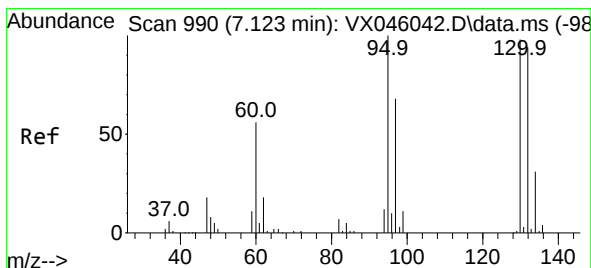
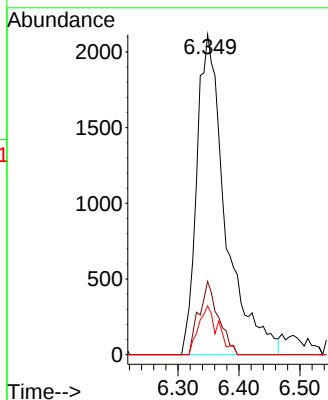
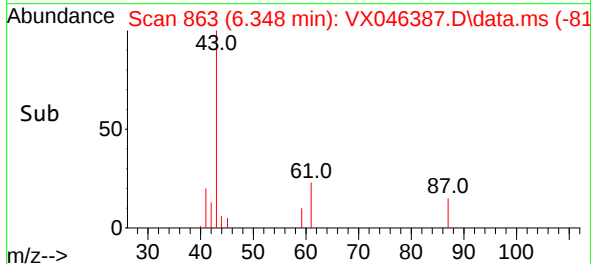
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 6925
Ion Ratio Lower Upper
43 100
61 15.5 14.3 21.5
87 10.5 9.5 14.3

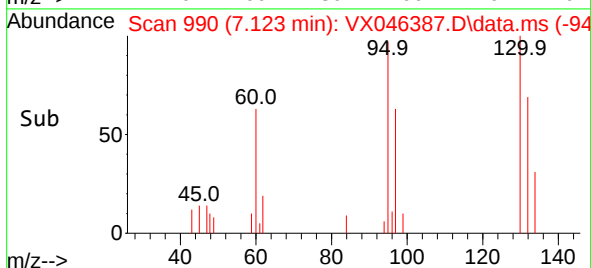
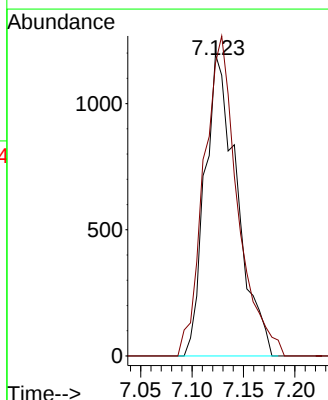
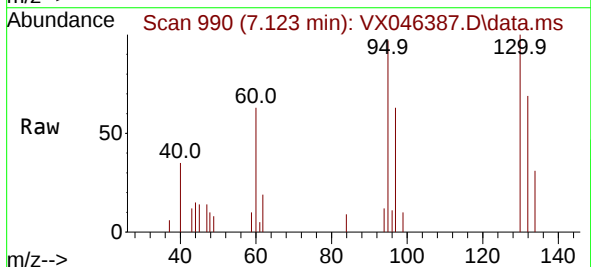
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 2.580 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion:130 Resp: 2595
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.2





#45

1,2-Dichloropropane

Concen: 2.861 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

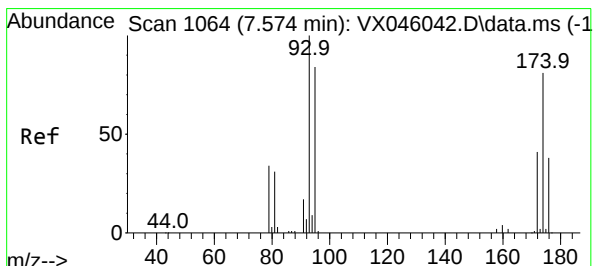
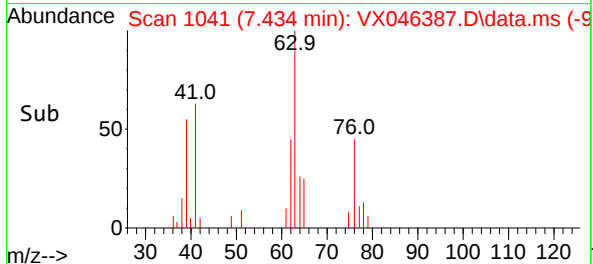
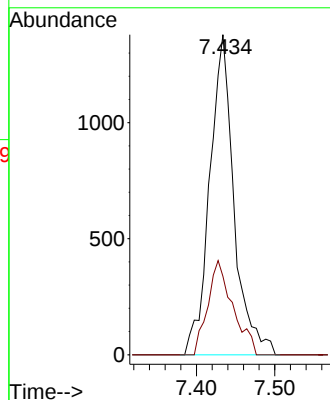
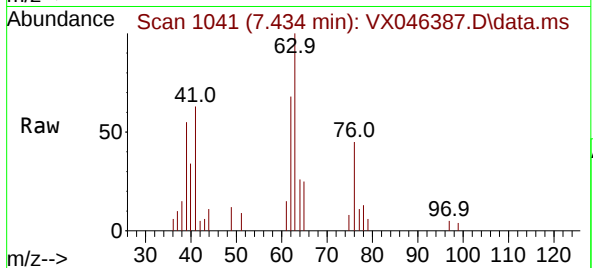
MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 297
 Ion Ratio Lower Upper
 63 100
 65 24.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 2.776 ug/l

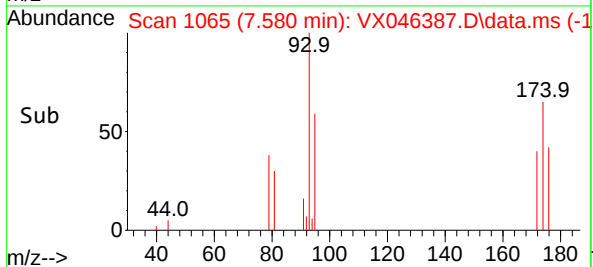
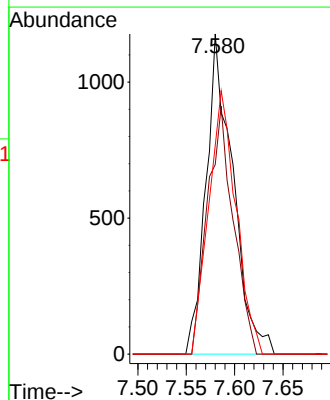
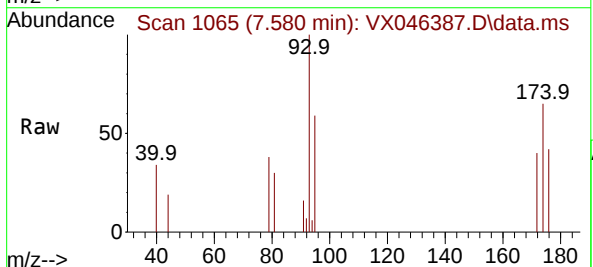
RT: 7.580 min Scan# 1065

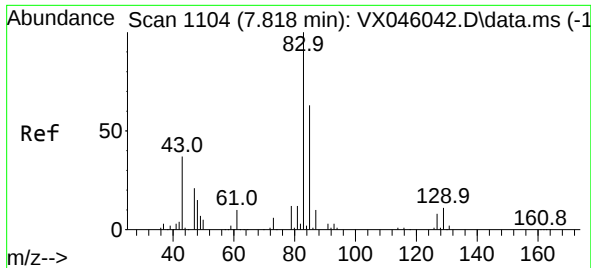
Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Tgt Ion: 93 Resp: 2275
 Ion Ratio Lower Upper
 93 100
 95 74.9 65.6 98.4
 174 84.0 68.2 102.2





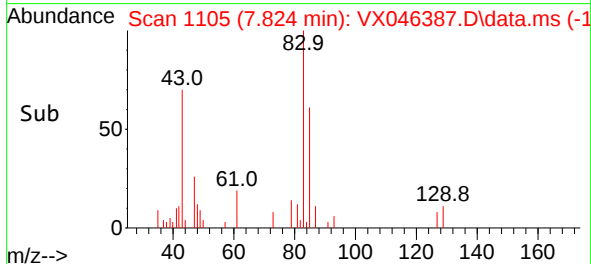
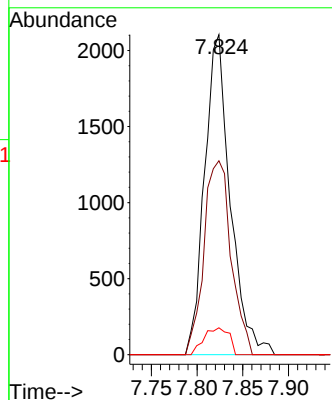
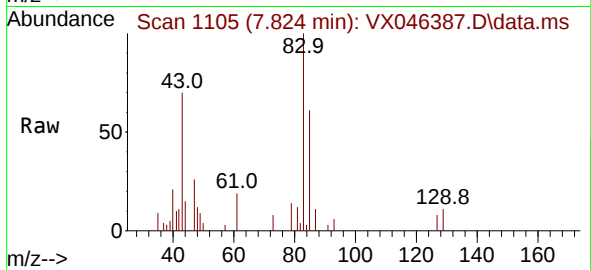
#47
Bromodichloromethane
Concen: 2.544 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 410
Ion Ratio Lower Upper
83 100
85 60.6 50.5 75.7
127 8.4 6.5 9.7

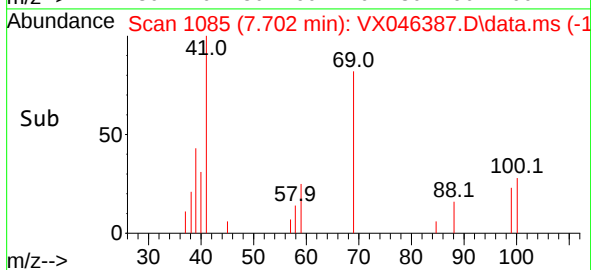
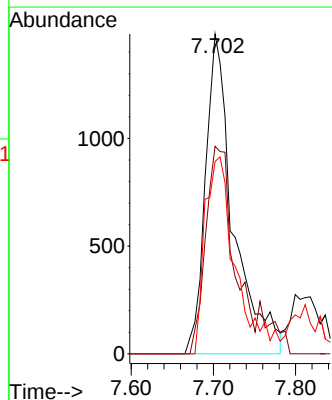
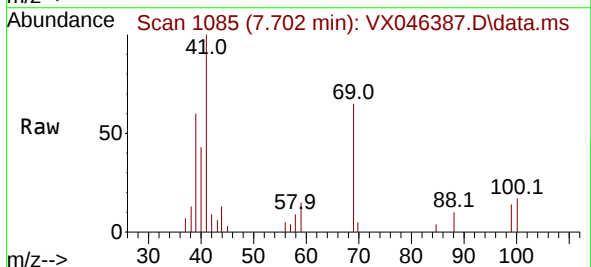
Manual Integrations
APPROVED

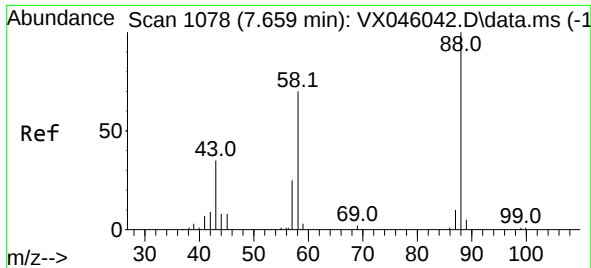
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#48
Methyl methacrylate
Concen: 2.563 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

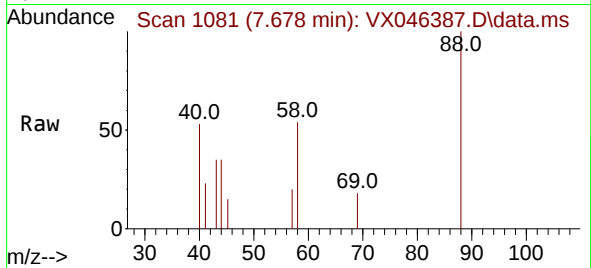
Tgt Ion: 41 Resp: 3519
Ion Ratio Lower Upper
41 100
69 65.0 58.5 87.7
39 67.3 51.7 77.5





#49
1,4-Dioxane
Concen: 56.991 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

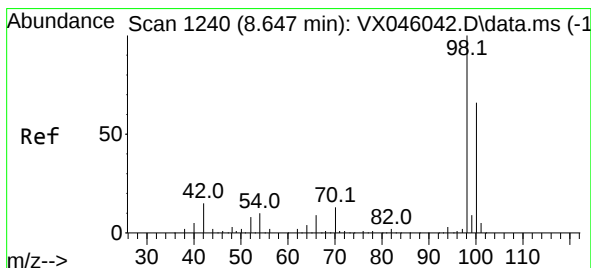
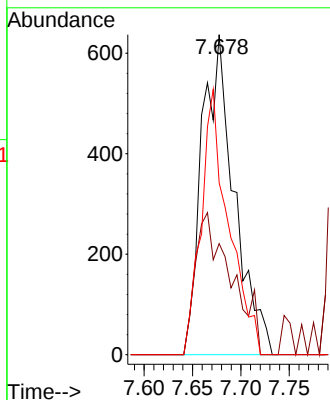
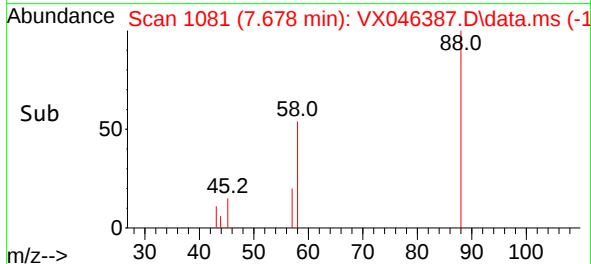
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 88 Resp: 1480
Ion Ratio Lower Upper
88 100
43 49.2 33.4 50.2
58 70.2 58.6 88.0

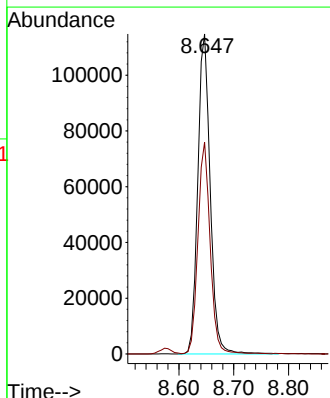
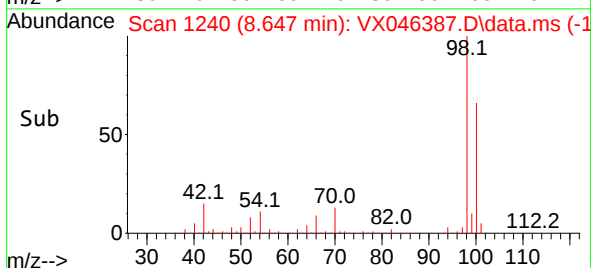
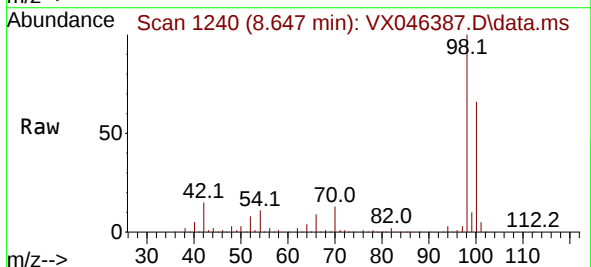
Manual Integrations
APPROVED

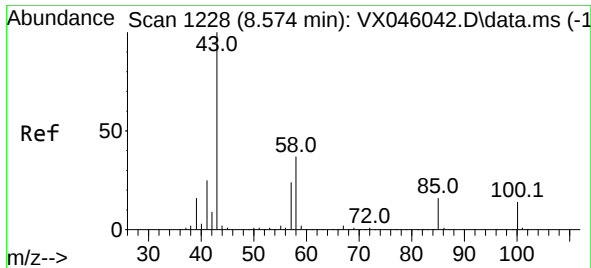
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 49.213 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion: 98 Resp: 180855
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3





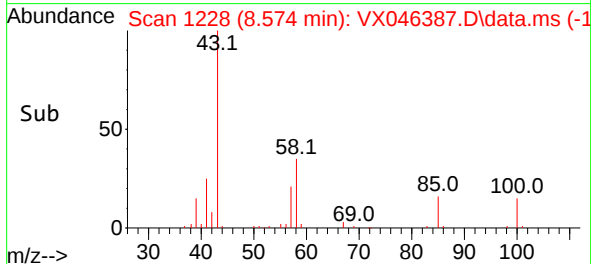
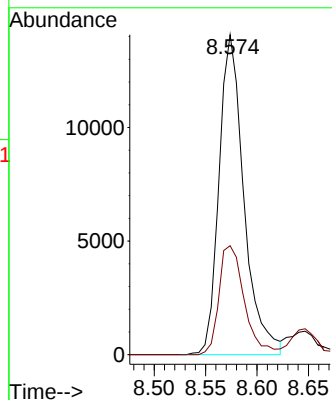
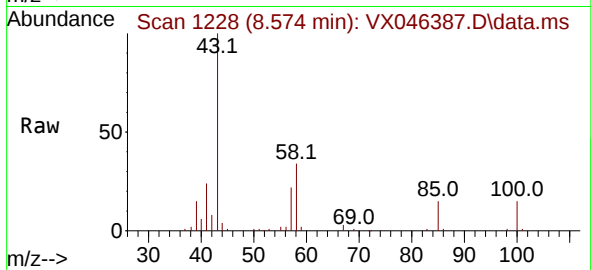
#51
4-Methyl-2-Pentanone
Concen: 13.269 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
58 34.5 28.9 43.3

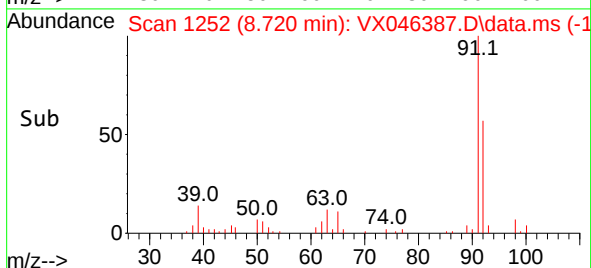
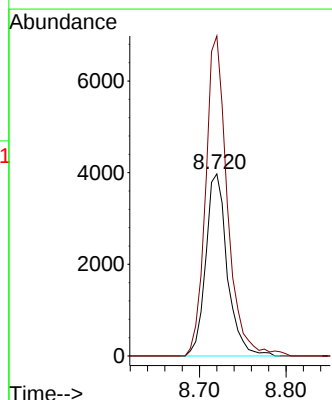
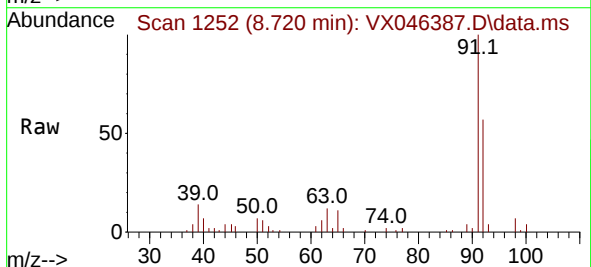
Manual Integrations
APPROVED

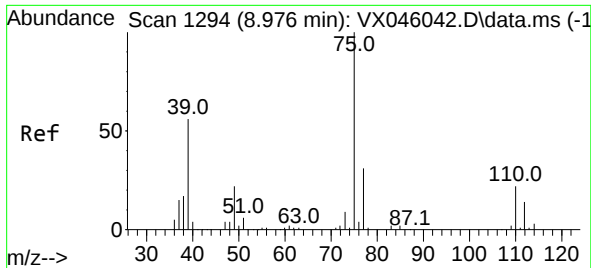
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 2.682 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion: 92 Resp: 6871
Ion Ratio Lower Upper
92 100
91 177.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 2.120 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 304

Ion Ratio Lower Upper

75 100

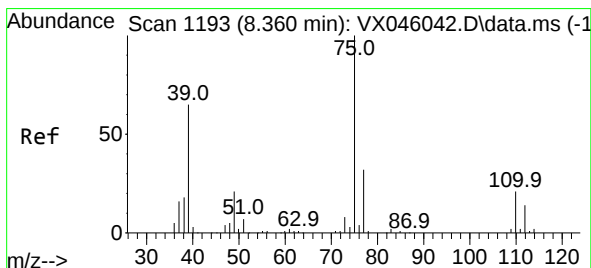
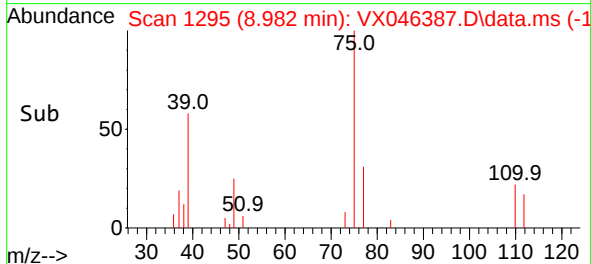
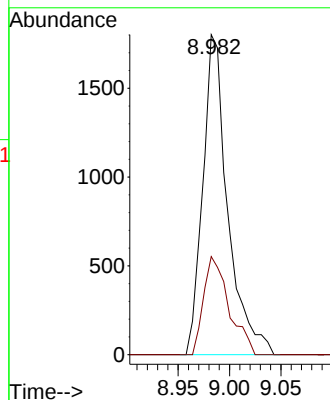
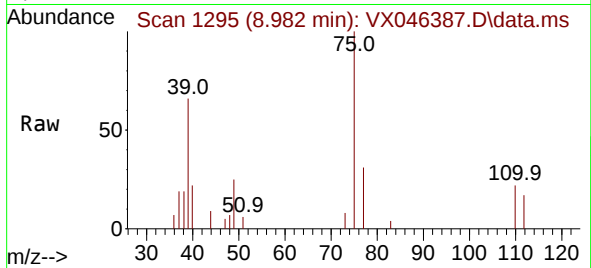
77 30.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#54

cis-1,3-Dichloropropene

Concen: 2.428 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

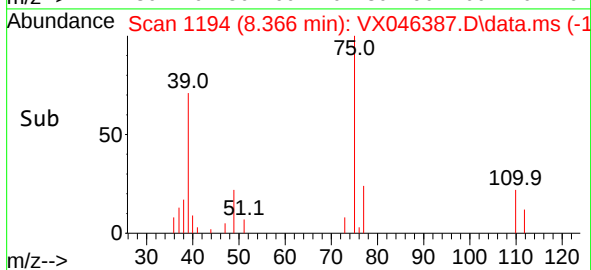
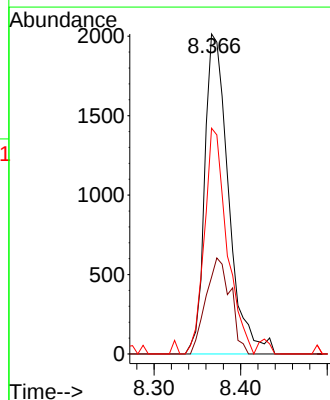
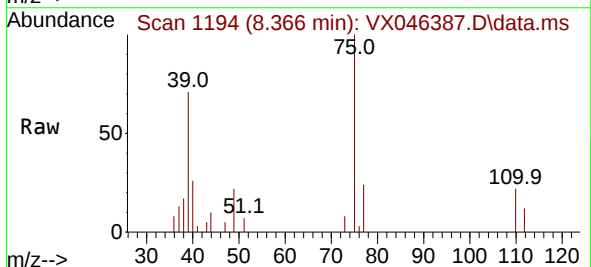
Tgt Ion: 75 Resp: 3850

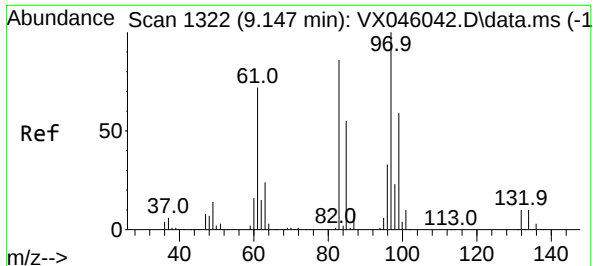
Ion Ratio Lower Upper

75 100

77 24.0 25.4 38.0#

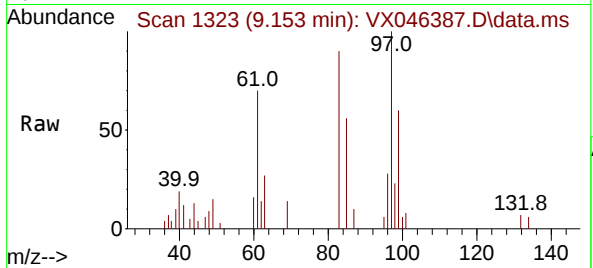
39 70.6 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 2.878 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

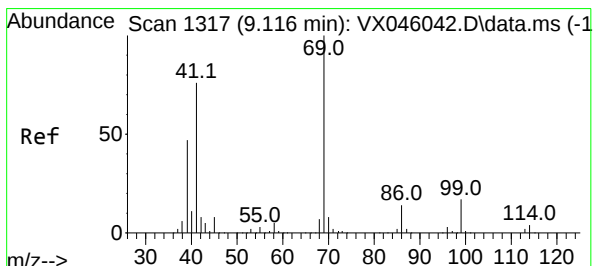
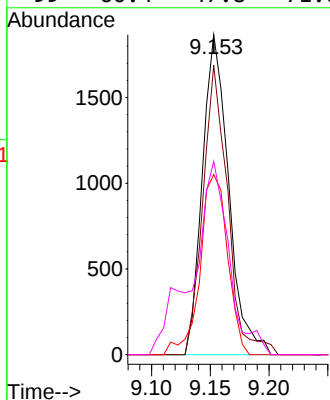
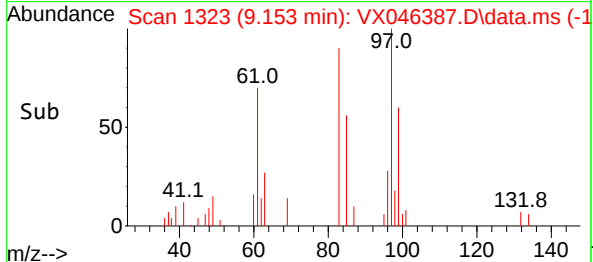
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



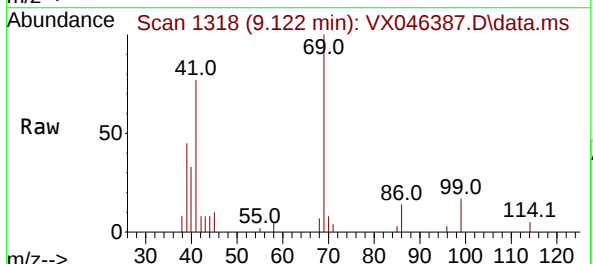
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.0	103.6
85	56.3	44.3	66.5
99	60.4	47.8	71.6

Manual Integrations
APPROVED

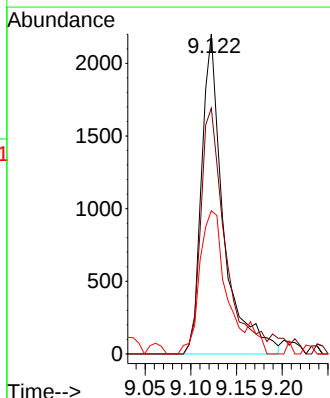
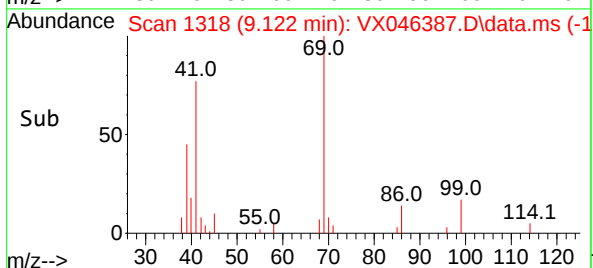
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

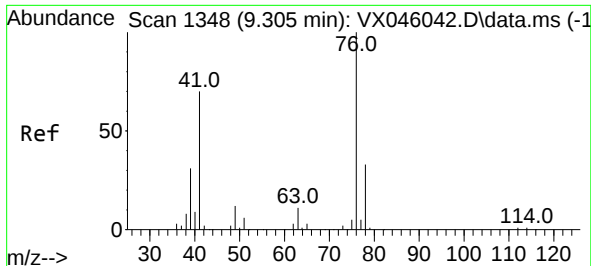


#56
Ethyl methacrylate
Concen: 2.277 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12



Tgt Ion	Ratio	Lower	Upper
69	100		
41	85.7	60.8	91.2
39	52.6	39.0	58.6





#57

1,3-Dichloropropane

Concen: 2.615 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

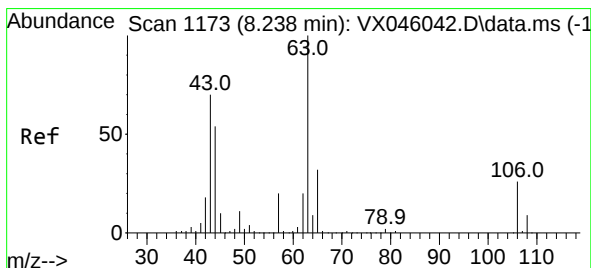
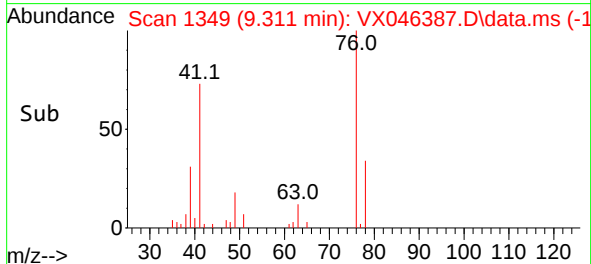
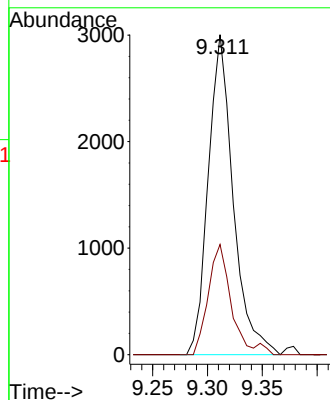
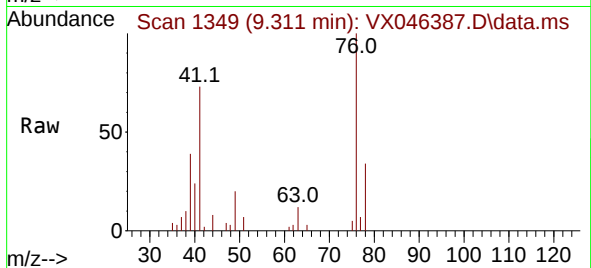
Tgt Ion: 76 Resp: 4749
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 12.545 ug/l

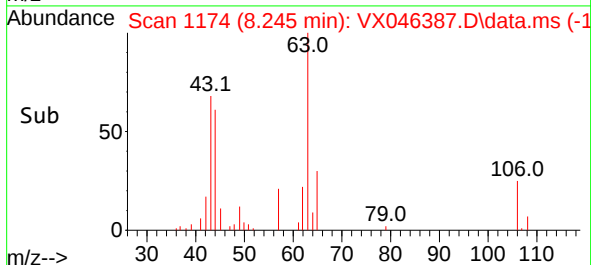
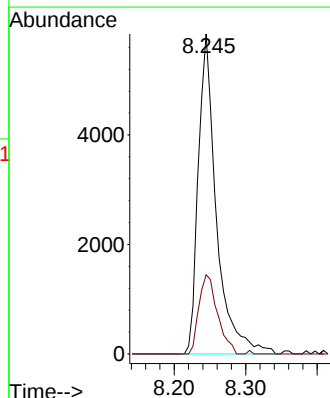
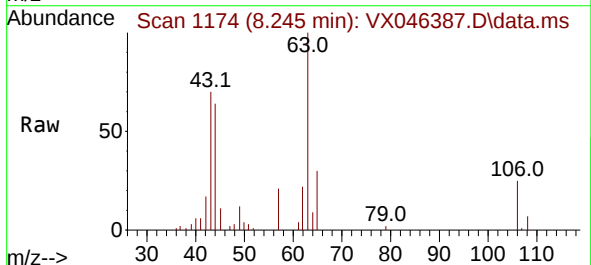
RT: 8.245 min Scan# 1174

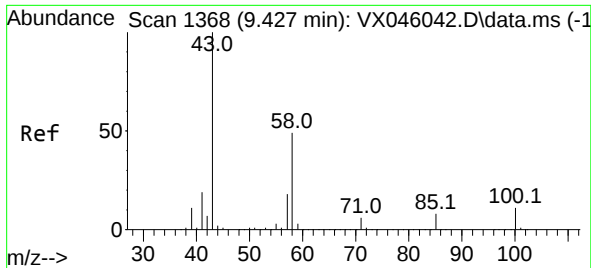
Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

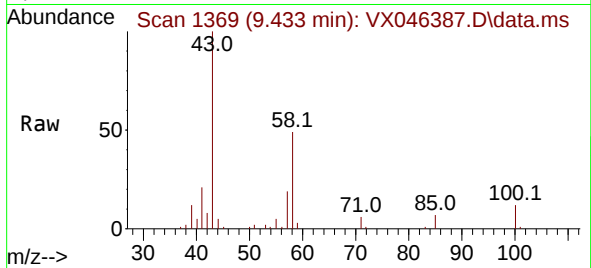
Tgt Ion: 63 Resp: 10298
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.5 32.3





#59
2-Hexanone
Concen: 12.710 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

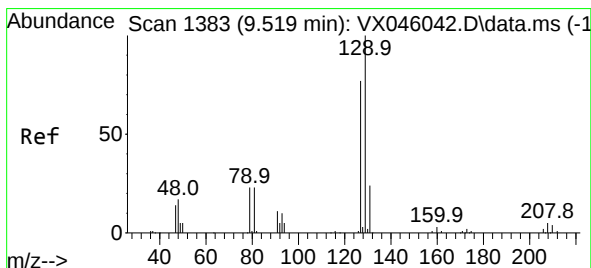
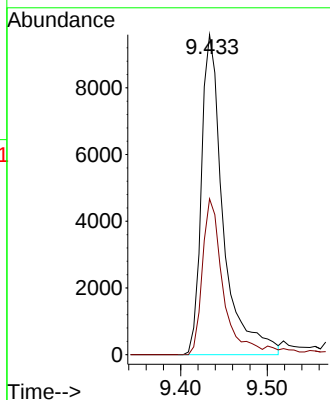
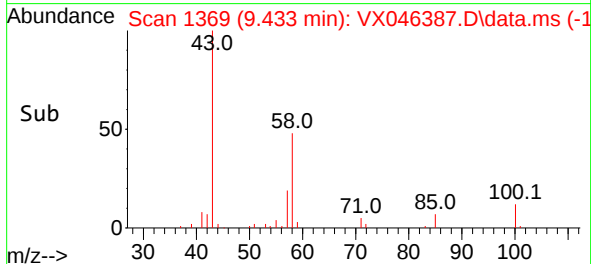
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 16784
Ion Ratio Lower Upper
43 100
58 45.5 24.9 74.6

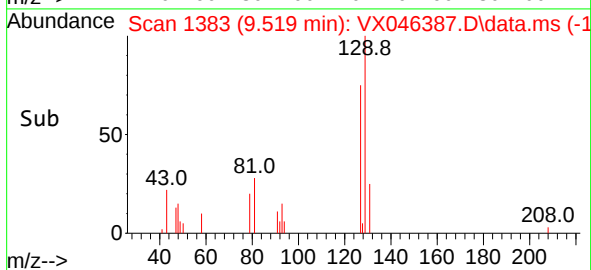
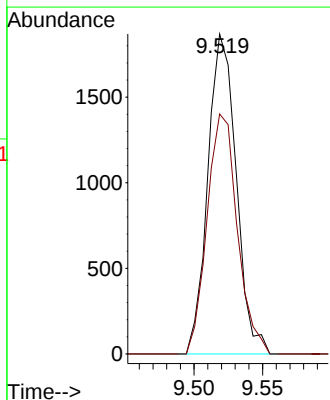
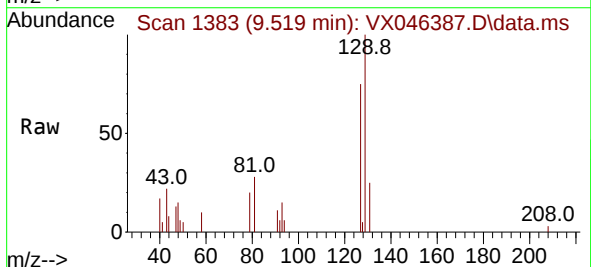
Manual Integrations
APPROVED

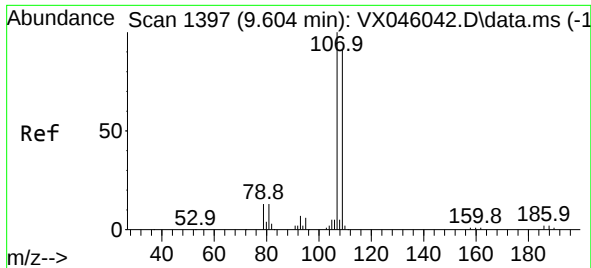
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 2.421 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

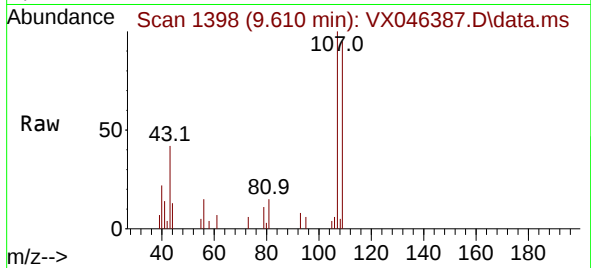
Tgt Ion:129 Resp: 2686
Ion Ratio Lower Upper
129 100
127 80.1 39.3 117.8





#61
1,2-Dibromoethane
Concen: 2.659 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

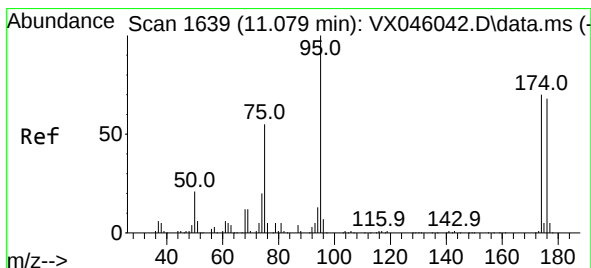
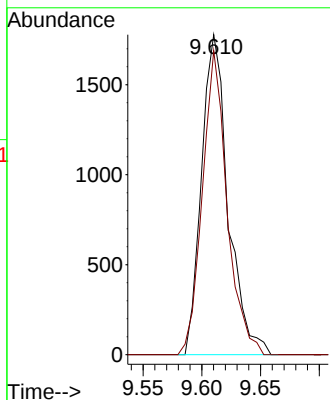
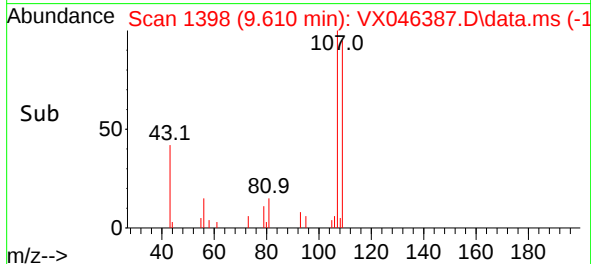
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:107 Resp: 2792
Ion Ratio Lower Upper
107 100
109 88.2 73.3 109.9

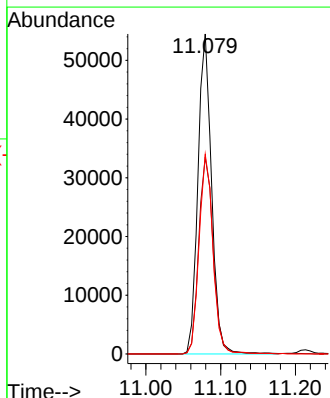
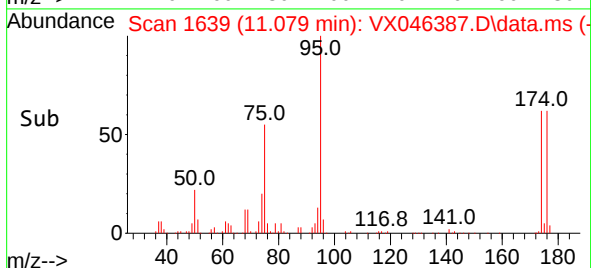
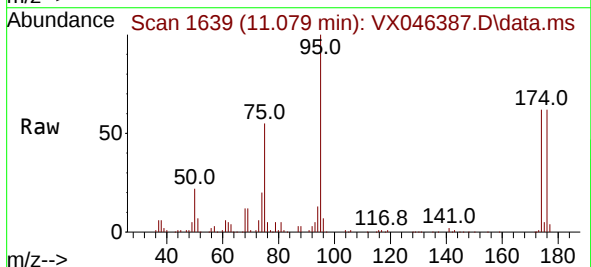
Manual Integrations
APPROVED

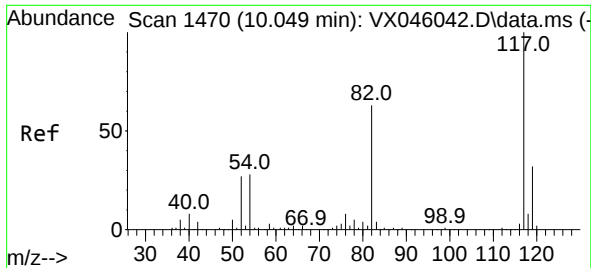
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

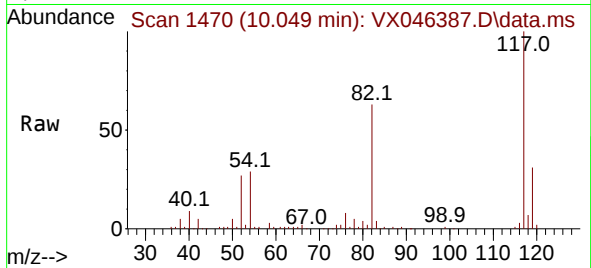
Tgt Ion: 95 Resp: 69079
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.8
176 63.5 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

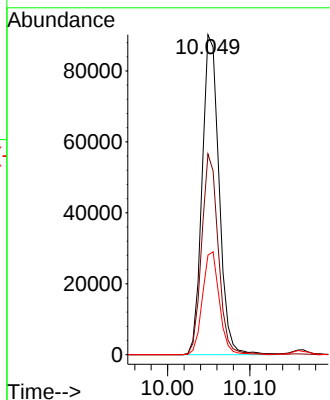
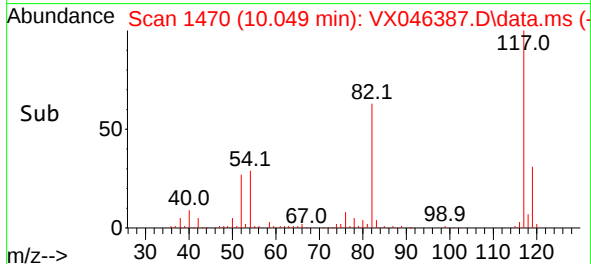
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:117 Resp: 129150
Ion Ratio Lower Upper
117 100
82 62.7 50.6 76.0
119 31.1 25.8 38.6

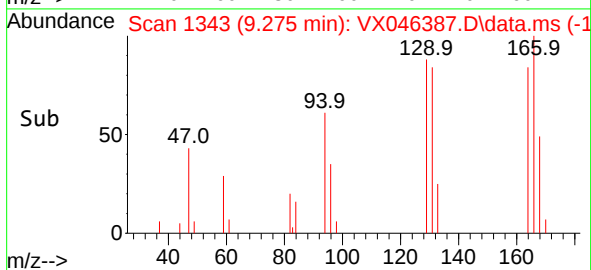
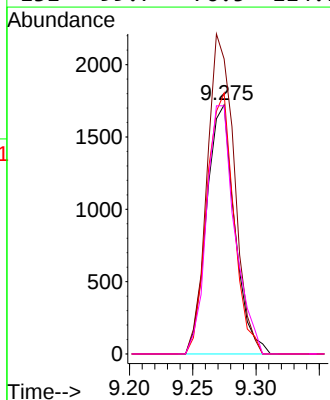
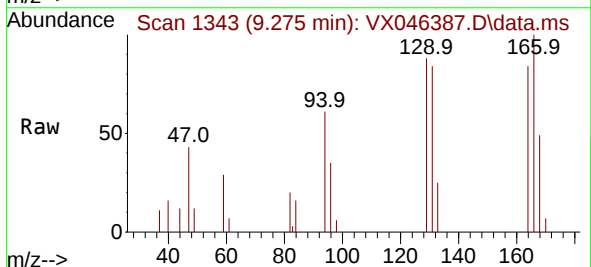
Manual Integrations
APPROVED

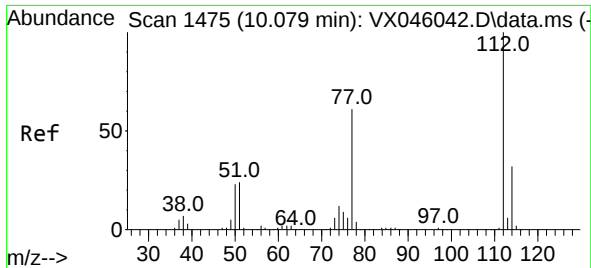
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 2.901 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

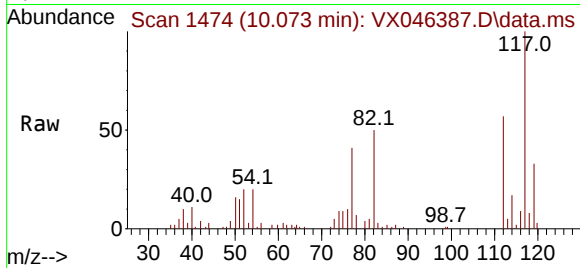
Tgt Ion:164 Resp: 2651
Ion Ratio Lower Upper
164 100
166 118.4 105.0 157.6
129 104.7 83.5 125.3
131 99.7 76.5 114.7





#65
Chlorobenzene
Concen: 2.633 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

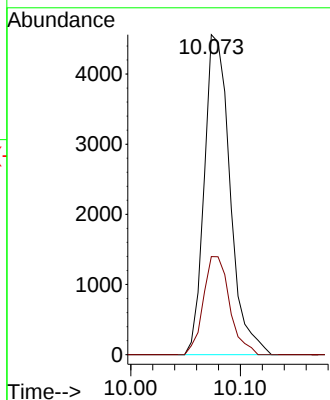
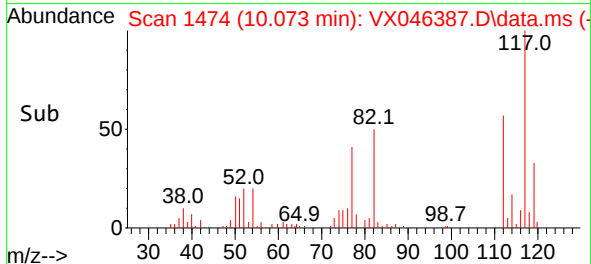
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:112 Resp: 744
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

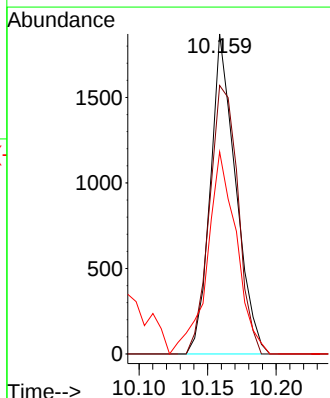
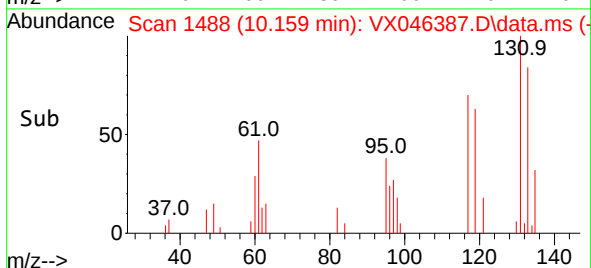
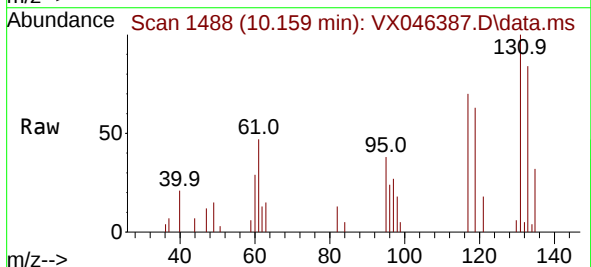
Manual Integrations
APPROVED

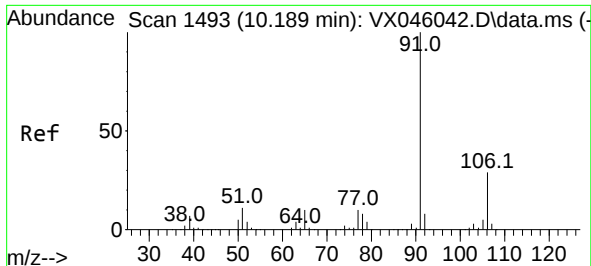
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.492 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion:131 Resp: 2406
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.9
119 72.7 31.6 95.0





#67

Ethyl Benzene

Concen: 2.533 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

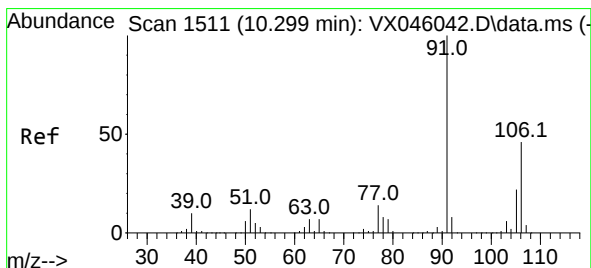
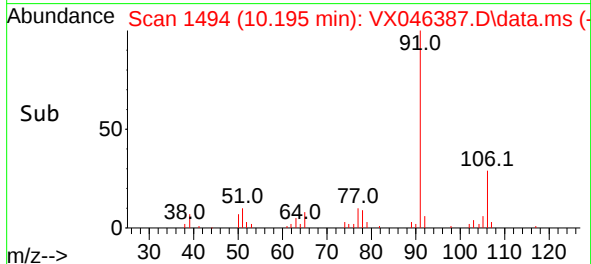
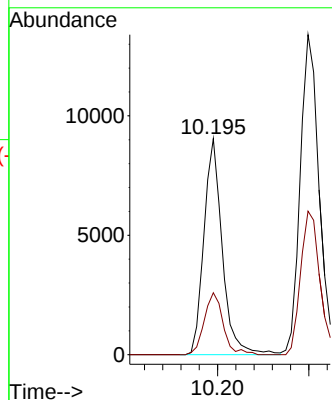
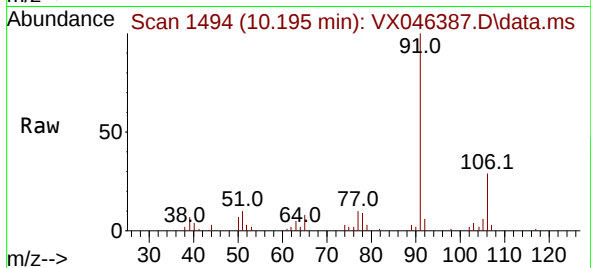
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 1262
 Ion Ratio Lower Upper
 91 100
 106 28.6 23.4 35.2

Manual Integrations
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Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#68

m/p-Xylenes

Concen: 4.978 ug/l

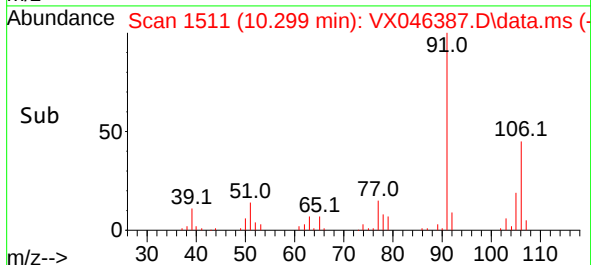
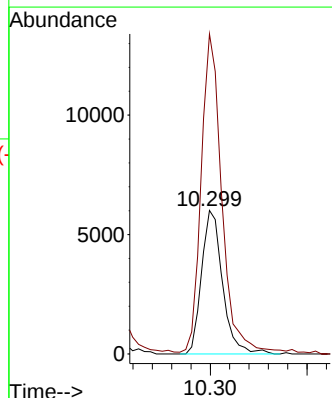
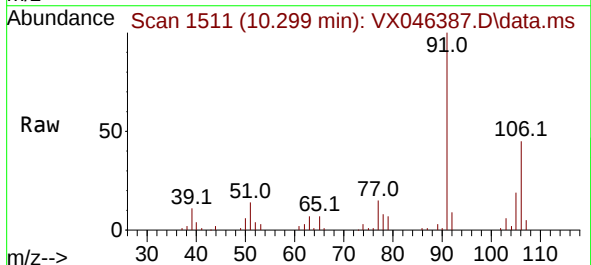
RT: 10.299 min Scan# 1511

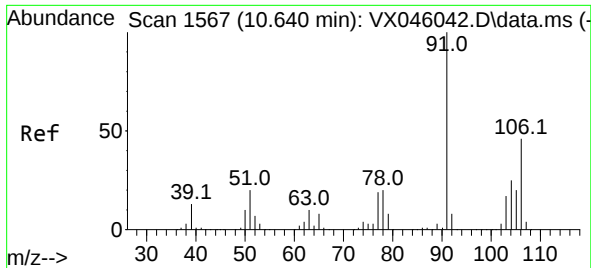
Delta R.T. 0.000 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Tgt Ion:106 Resp: 9072
 Ion Ratio Lower Upper
 106 100
 91 223.3 171.2 256.8





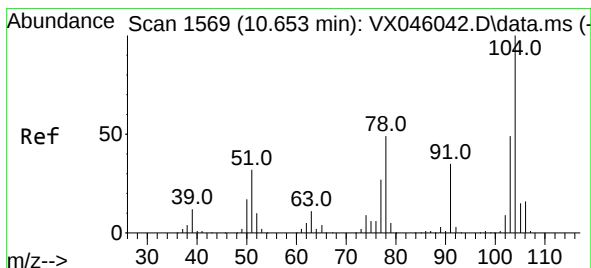
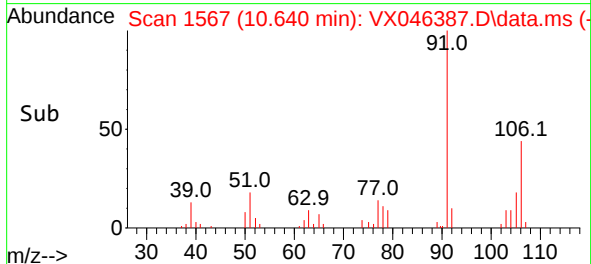
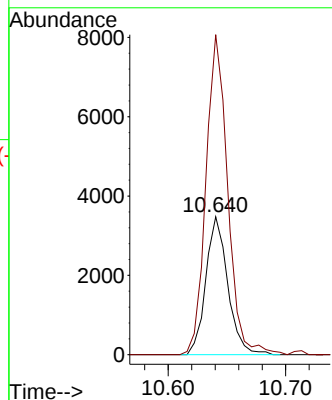
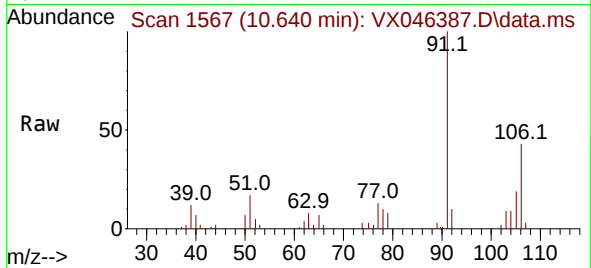
#69
o-Xylene
Concen: 2.541 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:106 Resp: 4514
Ion Ratio Lower Upper
106 100
91 229.7 112.7 338.1

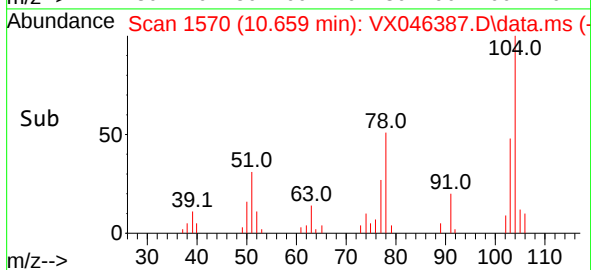
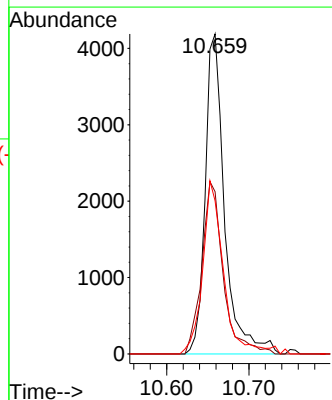
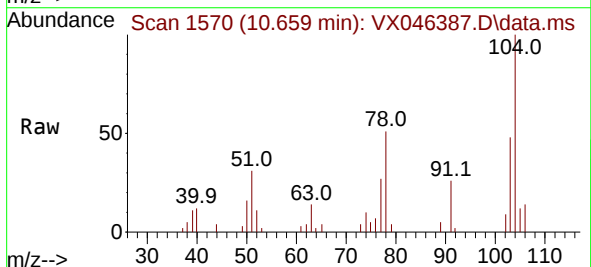
Manual Integrations
APPROVED

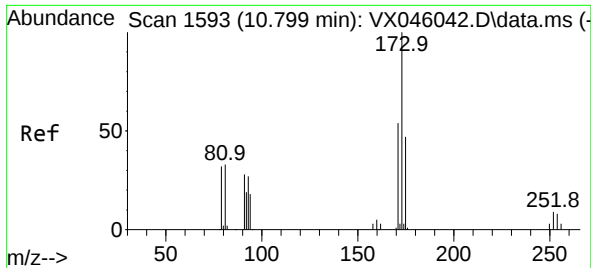
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 2.353 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

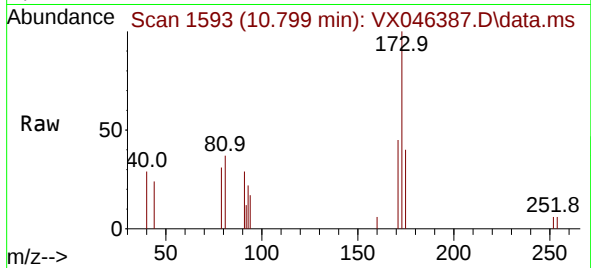
Tgt Ion:104 Resp: 6850
Ion Ratio Lower Upper
104 100
78 59.9 45.7 68.5
103 58.5 43.7 65.5





#71
Bromoform
Concen: 2.135 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

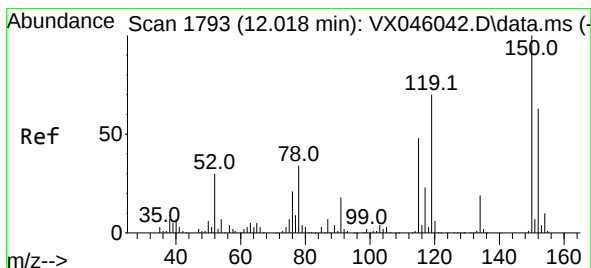
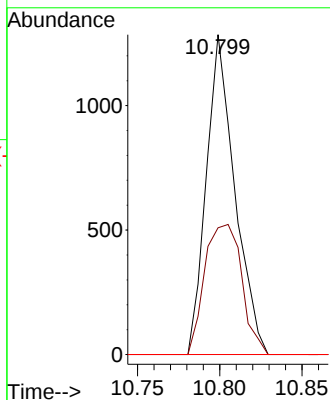
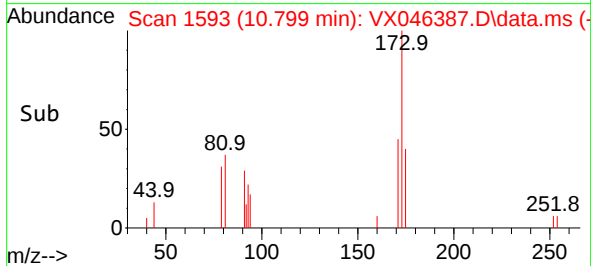
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:173 Resp: 154
Ion Ratio Lower Upper
173 100
175 52.9 23.4 70.0
254 0.0 0.0 0.0

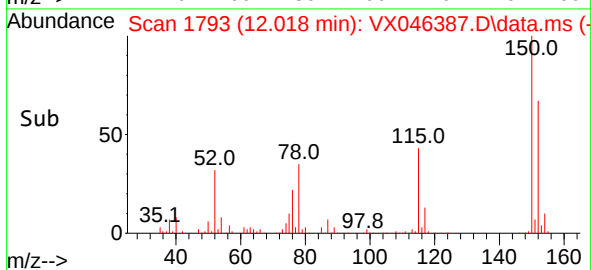
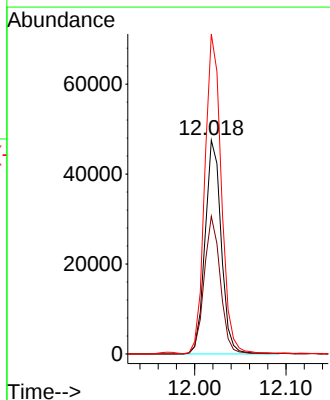
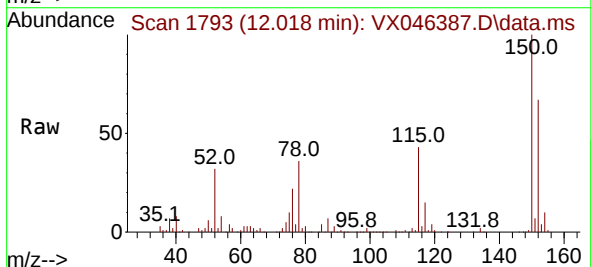
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion:152 Resp: 58213
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 152.8 0.0 351.0





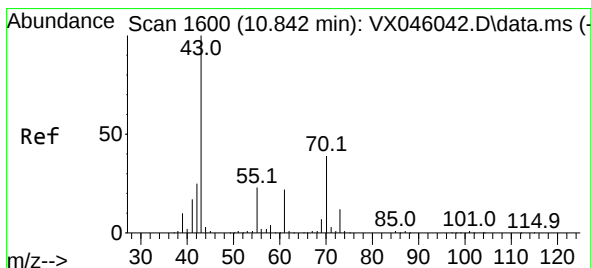
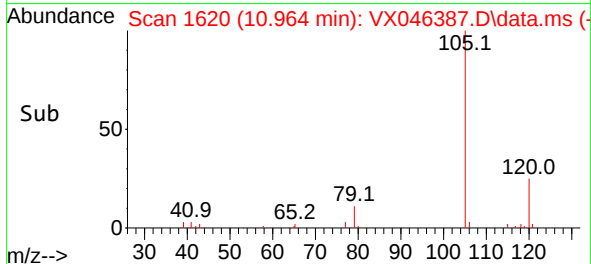
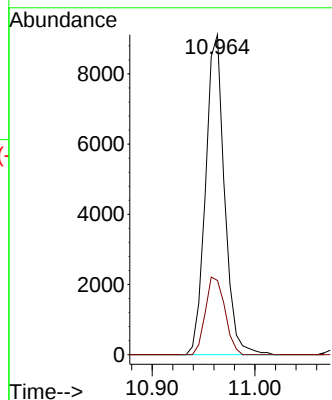
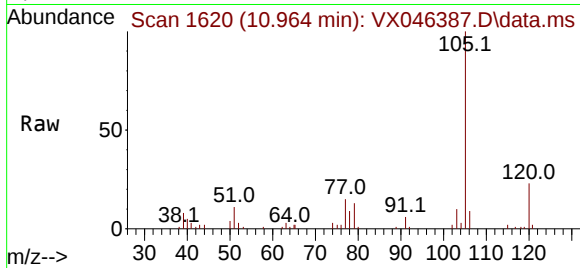
#73
Isopropylbenzene
Concen: 2.580 ug/l
RT: 10.964 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 11692
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4

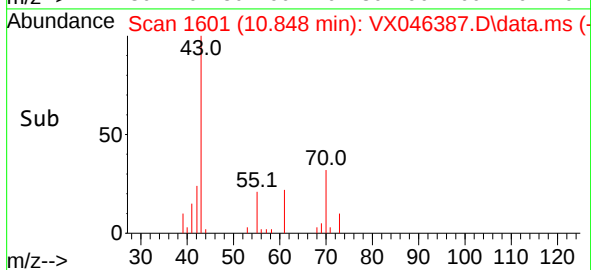
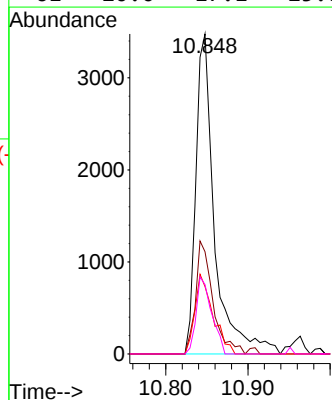
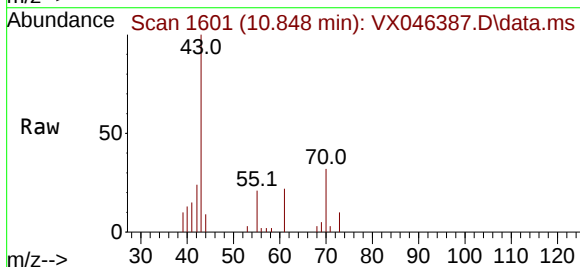
Manual Integrations
APPROVED

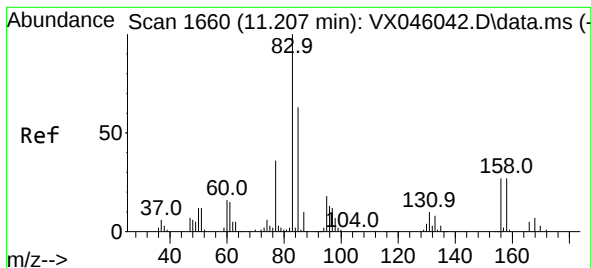
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 2.450 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion: 43 Resp: 5486
Ion Ratio Lower Upper
43 100
70 32.8 30.9 46.3
55 24.0 18.7 28.1
61 20.0 17.1 25.7





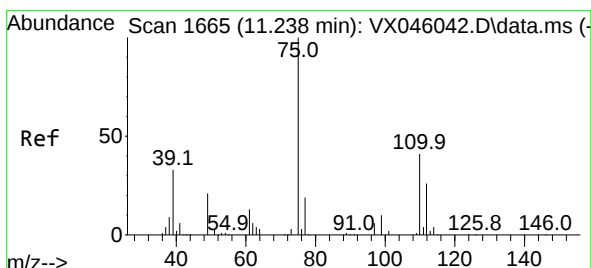
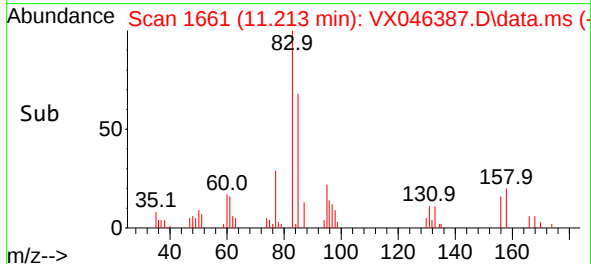
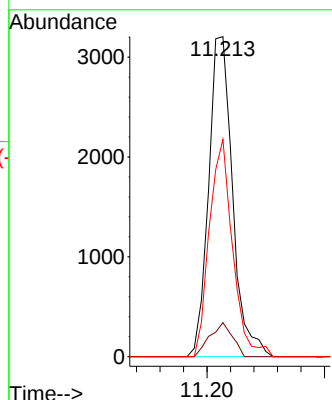
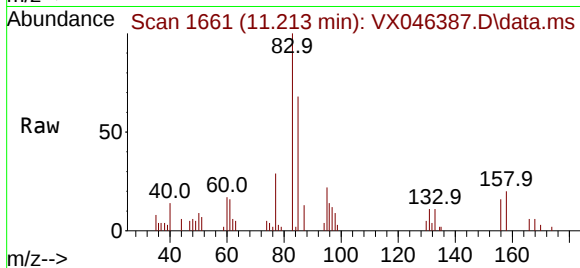
#75
1,1,2,2-Tetrachloroethane
Concen: 2.858 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 4539
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.8 31.9 95.7

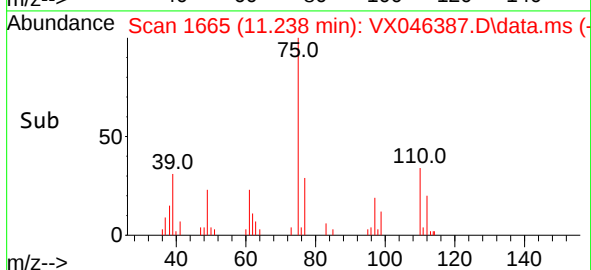
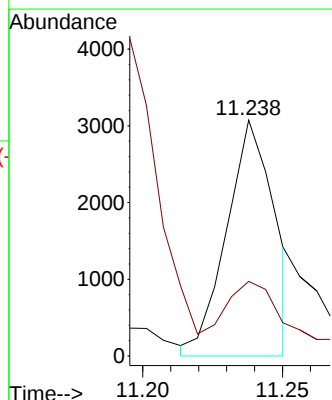
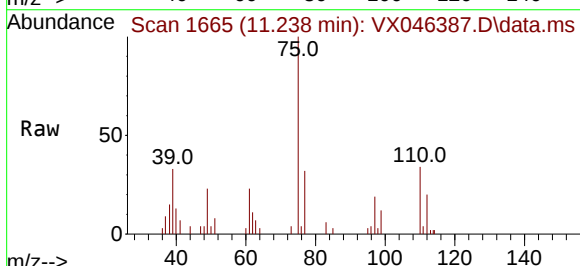
Manual Integrations
APPROVED

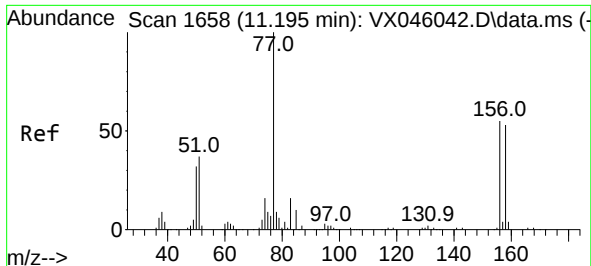
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 2.608 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

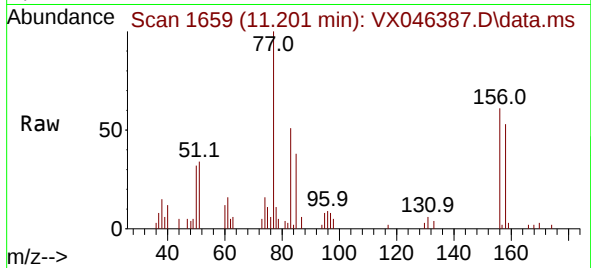
Tgt Ion: 75 Resp: 3655
Ion Ratio Lower Upper
75 100
77 44.3 20.5 61.5





#77
Bromobenzene
Concen: 2.823 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

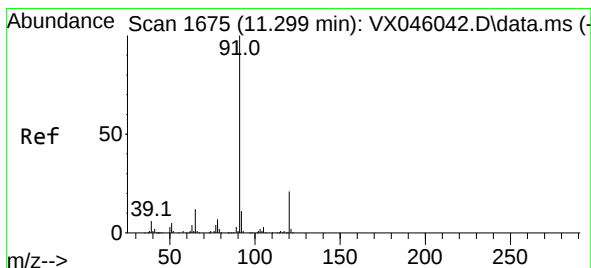
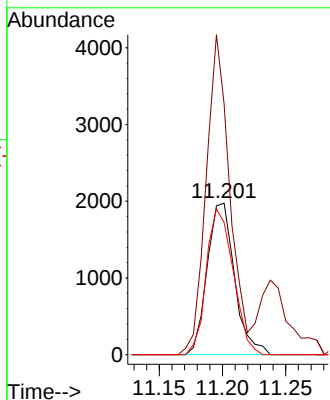
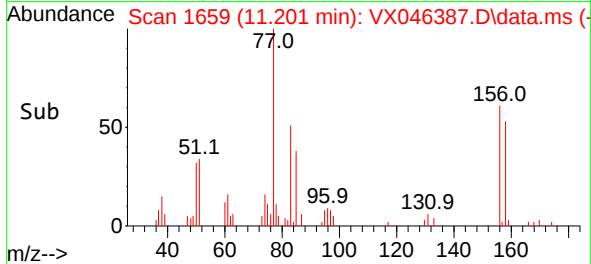
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:156 Resp: 2970
Ion Ratio Lower Upper
156 100
77 181.7 92.8 278.3
158 94.7 48.8 146.3

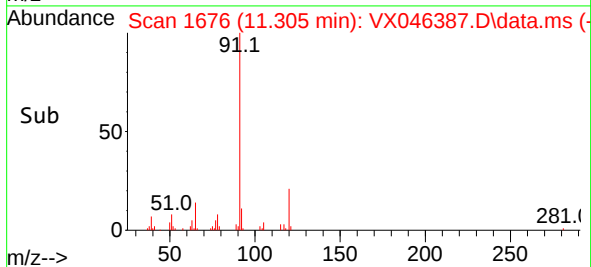
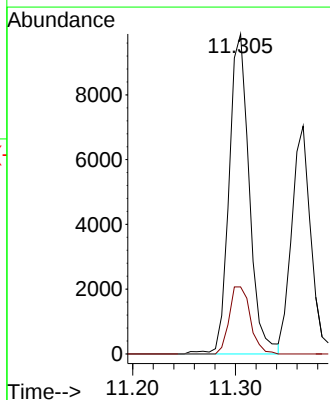
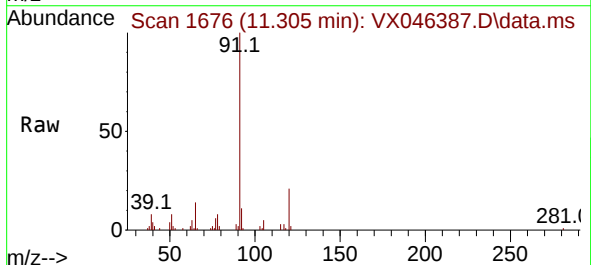
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 2.556 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

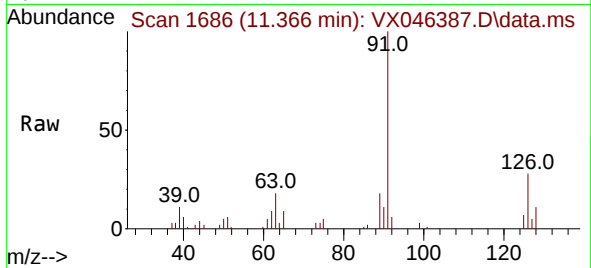
Tgt Ion: 91 Resp: 13471
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4





#79
2-Chlorotoluene
Concen: 2.723 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

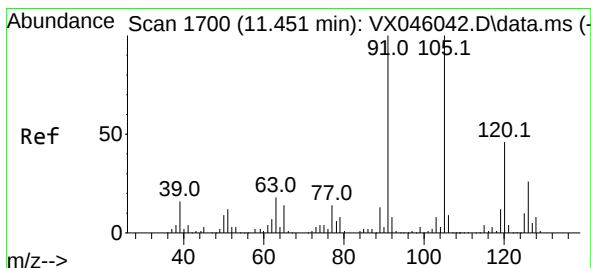
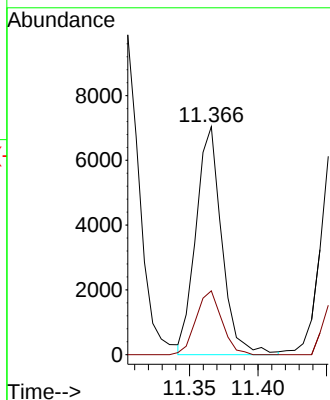
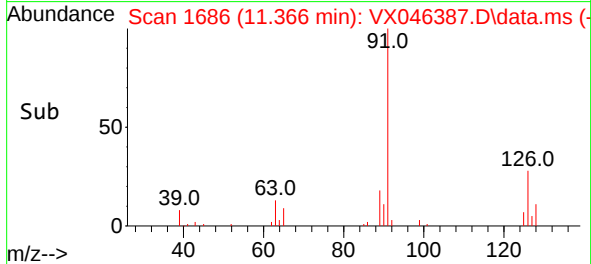
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 91 Resp: 9254
Ion Ratio Lower Upper
91 100
126 27.9 15.6 46.7

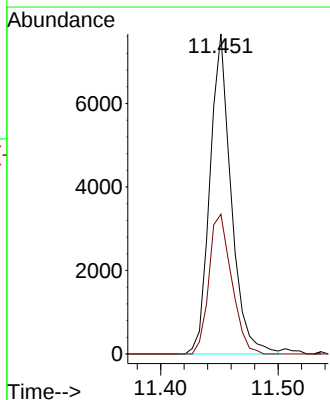
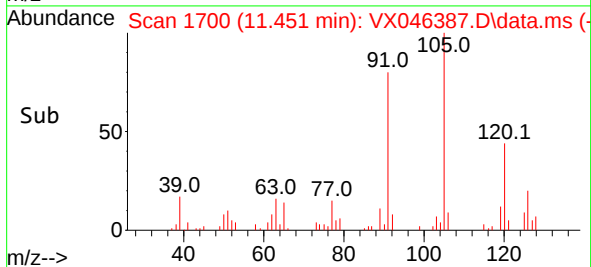
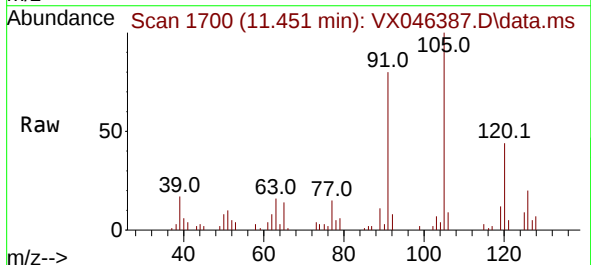
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.541 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

Tgt Ion:105 Resp: 9620
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.007 ug/l m

RT: 11.025 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

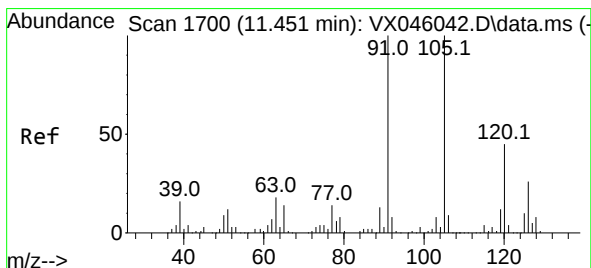
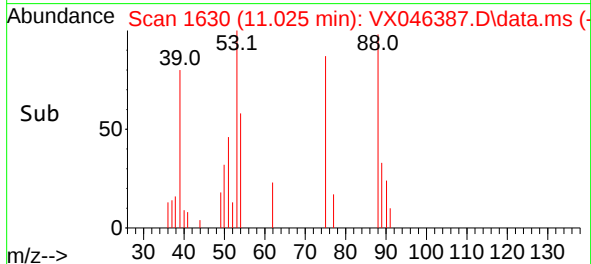
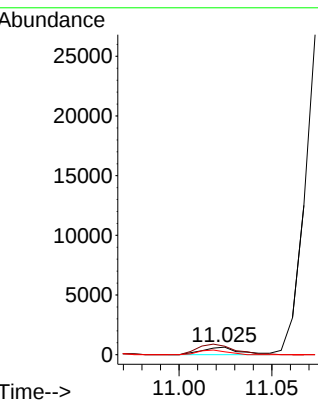
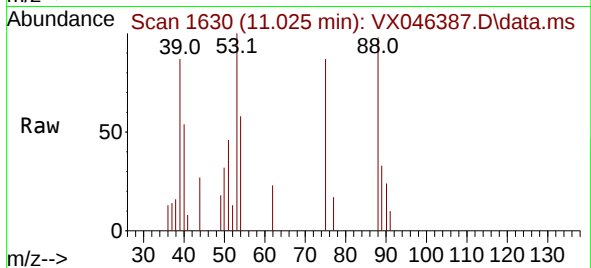
Tgt Ion: 75	Resp: 864
Ion Ratio	Lower Upper
75	100
53	0.0 100.5 150.7
89	2.2 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#82

4-Chlorotoluene

Concen: 2.618 ug/l

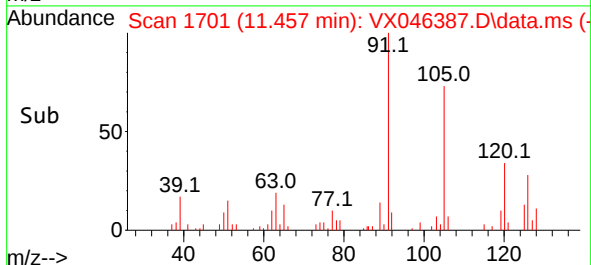
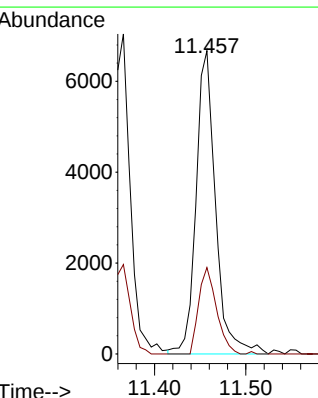
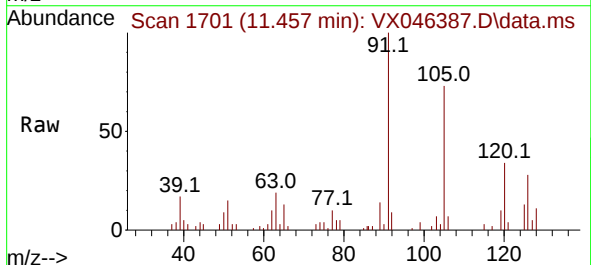
RT: 11.457 min Scan# 1701

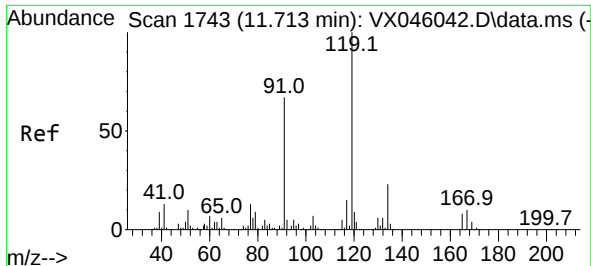
Delta R.T. 0.006 min

Lab File: VX046387.D

Acq: 28 May 2025 16:12

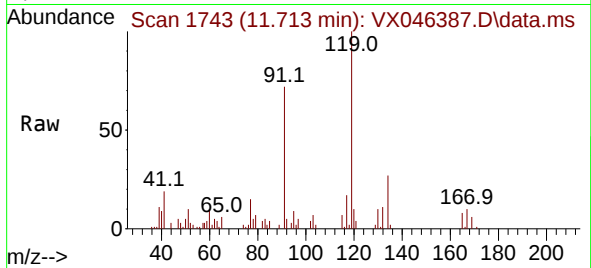
Tgt Ion: 91	Resp: 9869
Ion Ratio	Lower Upper
91	100
126	26.0 13.3 39.8





#83
tert-Butylbenzene
Concen: 2.349 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

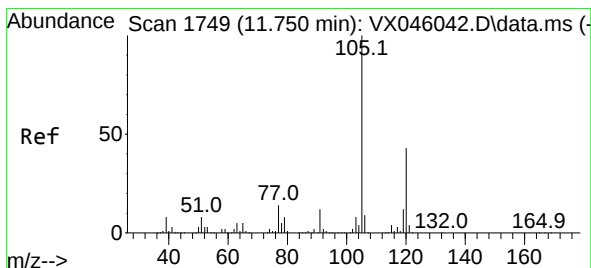
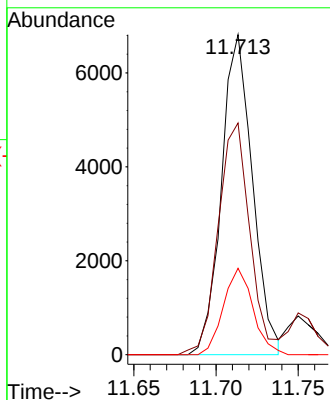
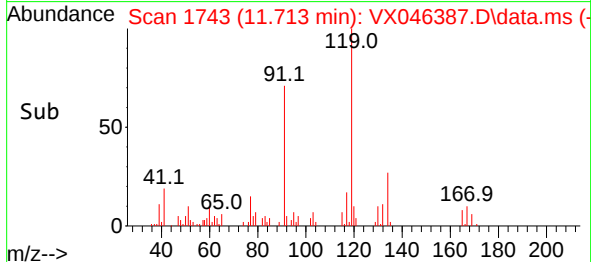
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:119 Resp: 8960
Ion Ratio Lower Upper
119 100
91 74.0 32.9 98.7
134 25.8 11.4 34.1

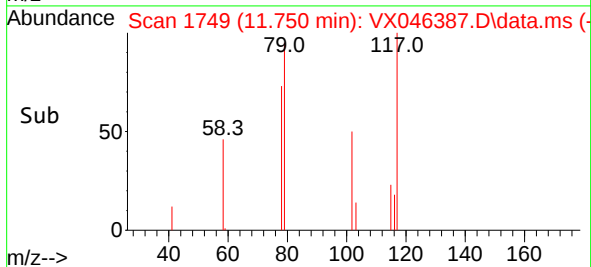
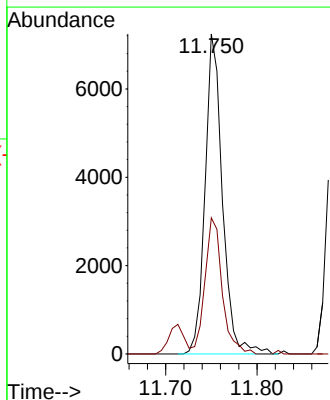
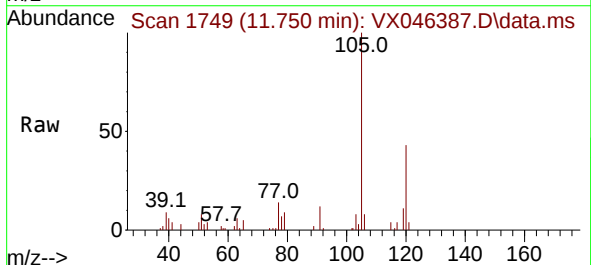
Manual Integrations
APPROVED

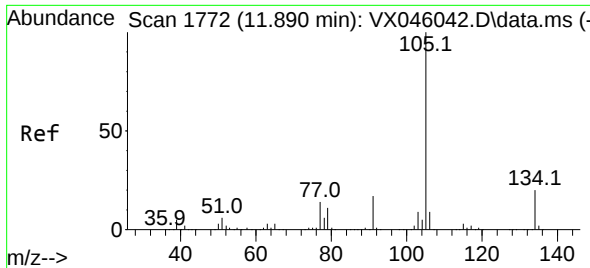
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.482 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

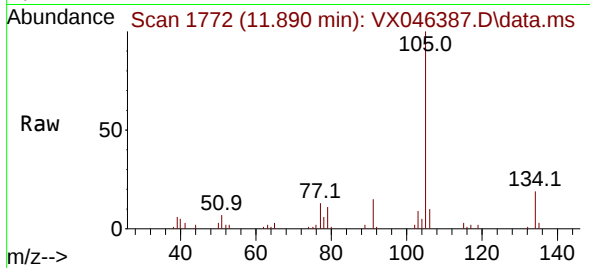
Tgt Ion:105 Resp: 9516
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 2.455 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046387.D
 Acq: 28 May 2025 16:12

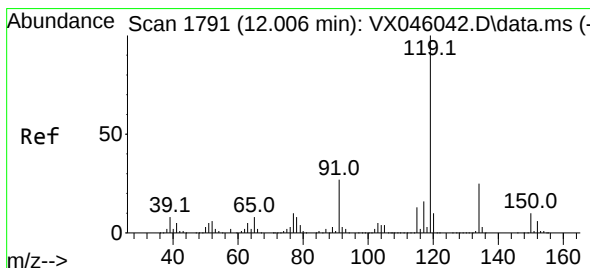
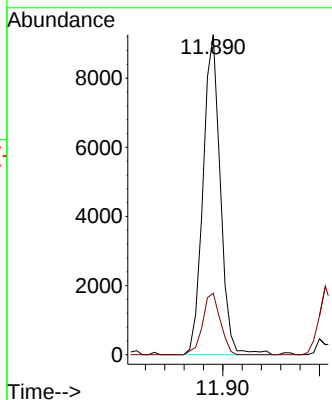
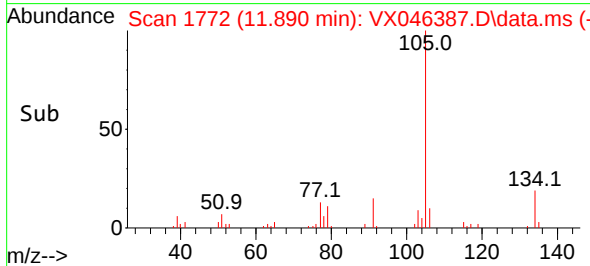
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025



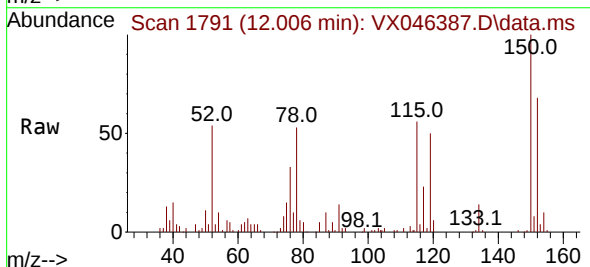
Tgt Ion:105 Resp: 11498
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1

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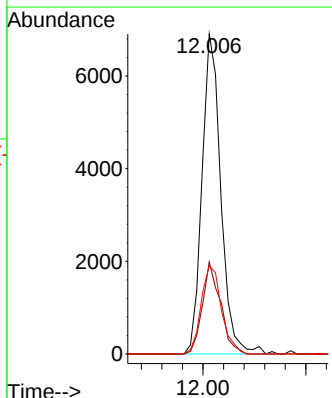
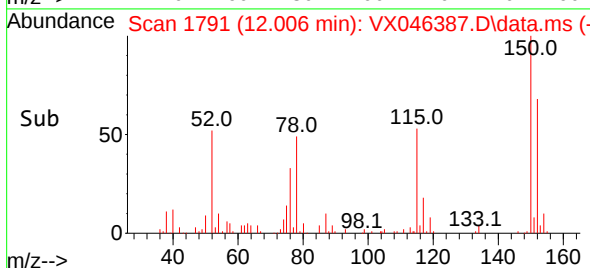
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

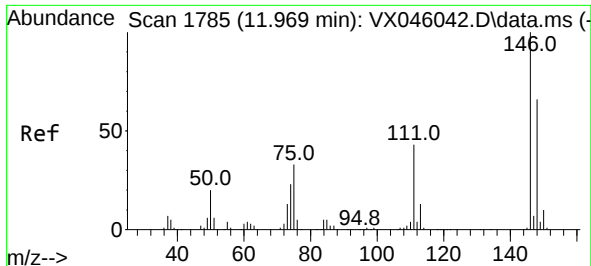


#86
 p-Isopropyltoluene
 Concen: 2.275 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046387.D
 Acq: 28 May 2025 16:12



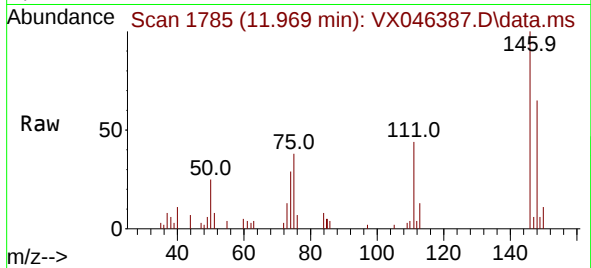
Tgt Ion:119 Resp: 8794
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.5 37.5
 91 29.8 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 2.448 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

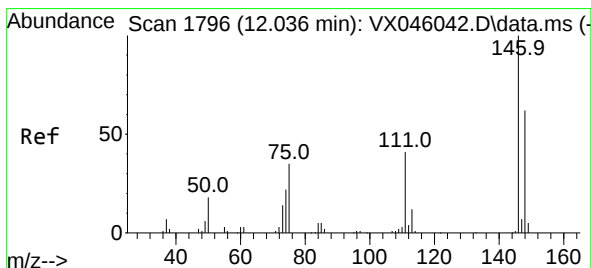
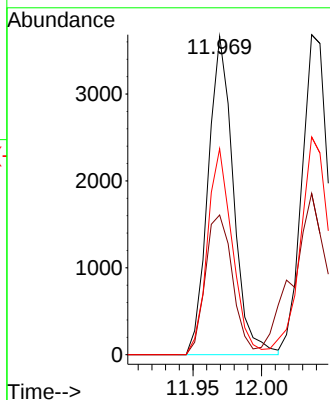
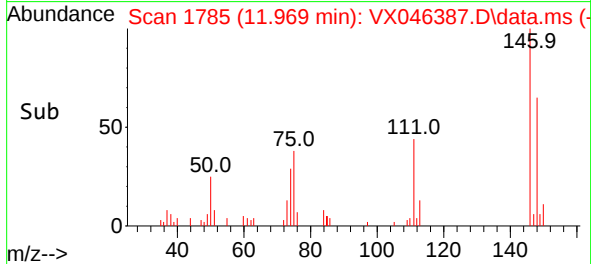
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



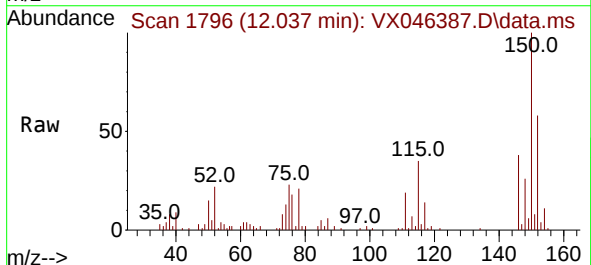
Tgt Ion:146 Resp: 470
Ion Ratio Lower Upper
146 100
111 47.2 22.1 66.3
148 63.5 32.1 96.5

Manual Integrations
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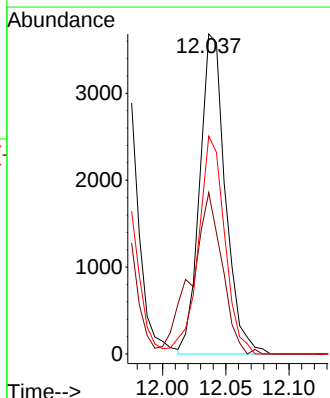
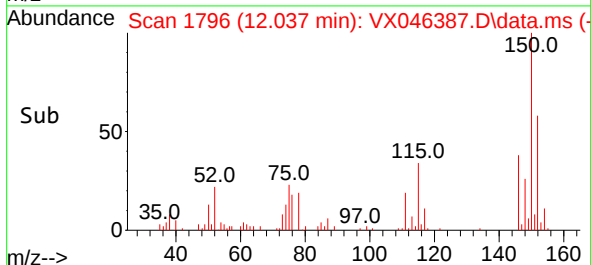
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

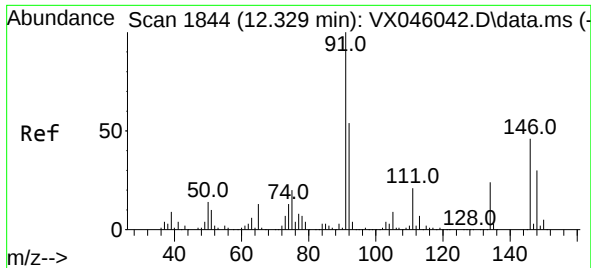


#88
1,4-Dichlorobenzene
Concen: 2.648 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12



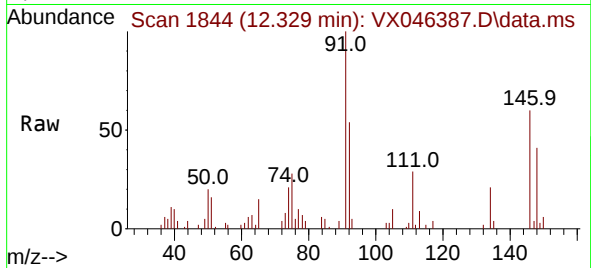
Tgt Ion:146 Resp: 5193
Ion Ratio Lower Upper
146 100
111 60.9 21.3 63.9
148 70.2 31.9 95.5





#89
n-Butylbenzene
Concen: 2.126 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

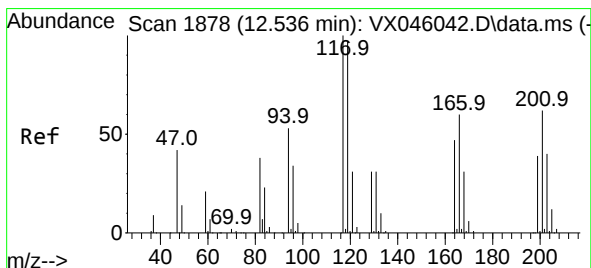
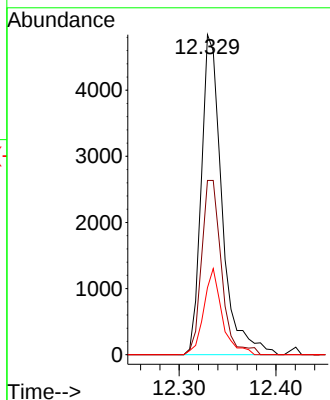
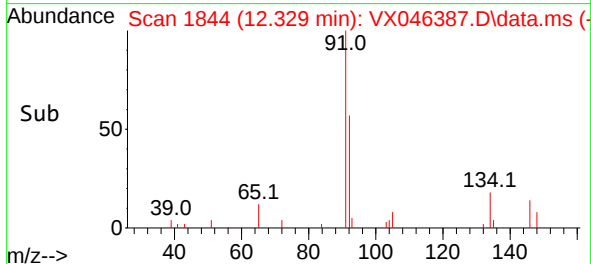
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 91 Resp: 720
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 23.9 11.8 35.3

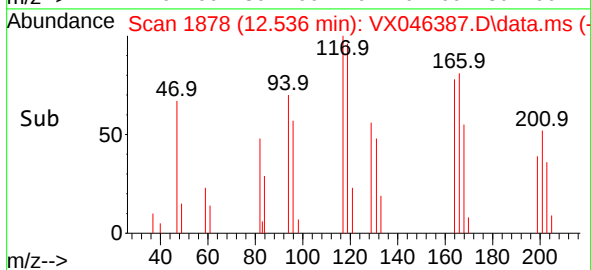
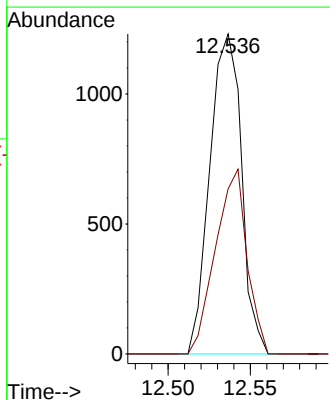
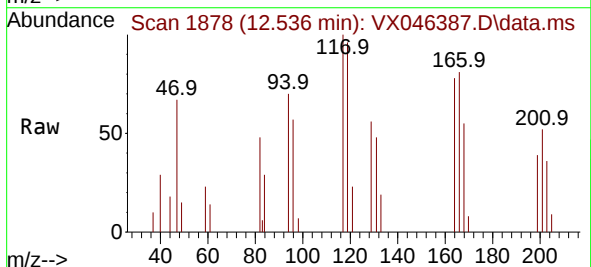
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 2.419 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

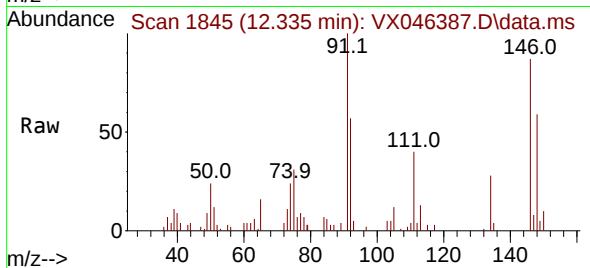
Tgt Ion:117 Resp: 1647
Ion Ratio Lower Upper
117 100
201 57.5 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 2.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

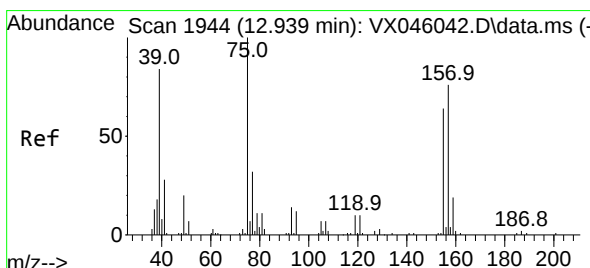
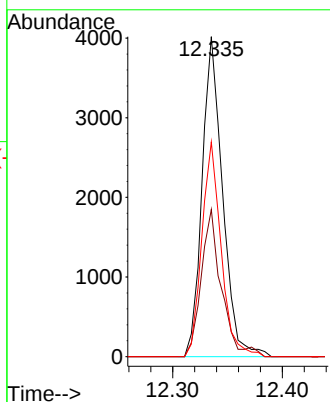
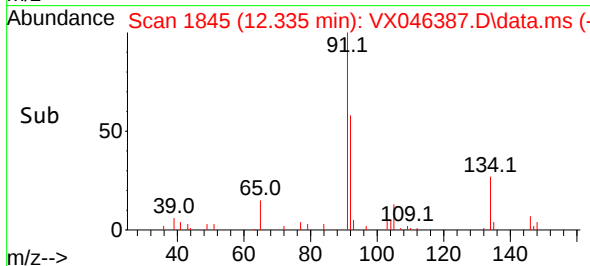
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



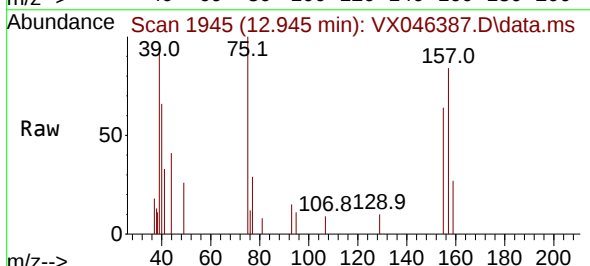
Tgt Ion:146 Resp: 5210
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.3
148 63.3 31.6 94.8

Manual Integrations
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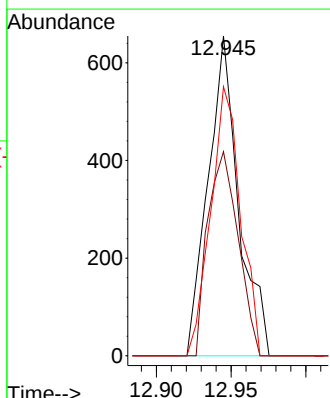
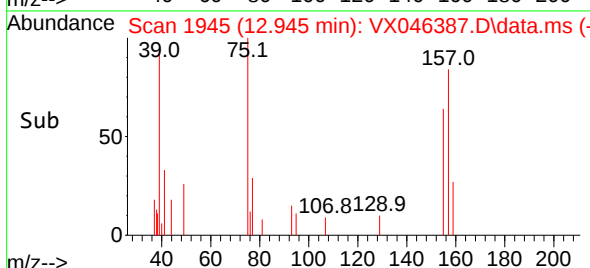
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

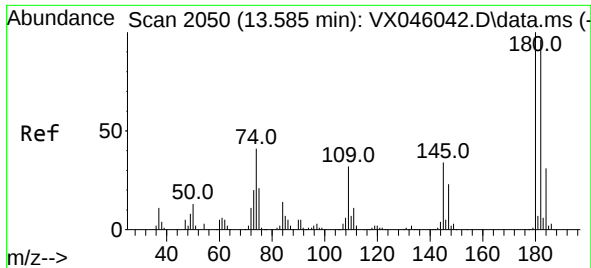


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.640 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12



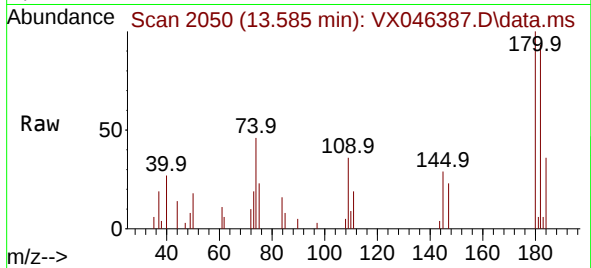
Tgt Ion: 75 Resp: 929
Ion Ratio Lower Upper
75 100
155 63.6 34.9 104.8
157 82.1 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 2.028 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

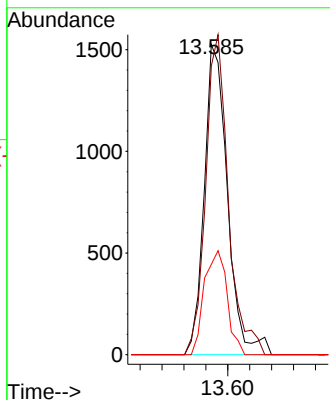
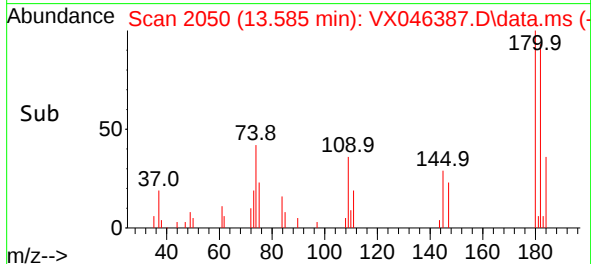
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:180 Resp: 2249
Ion Ratio Lower Upper
180 100
182 100.5 47.9 143.8
145 32.9 17.1 51.2

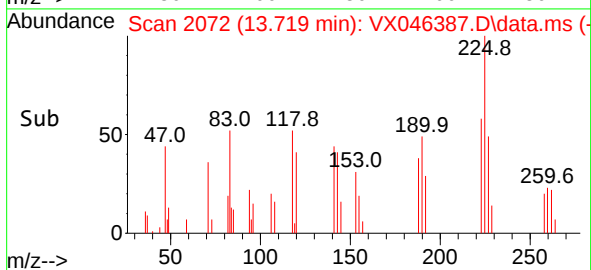
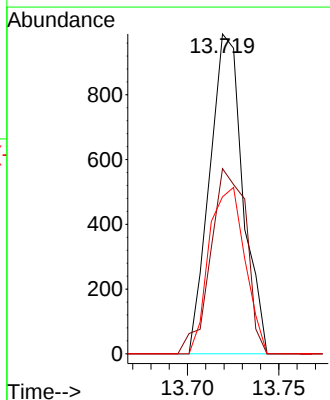
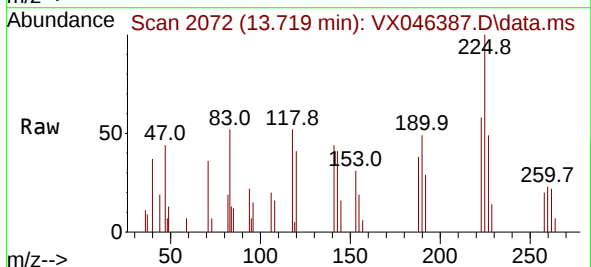
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#94
Hexachlorobutadiene
Concen: 2.588 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

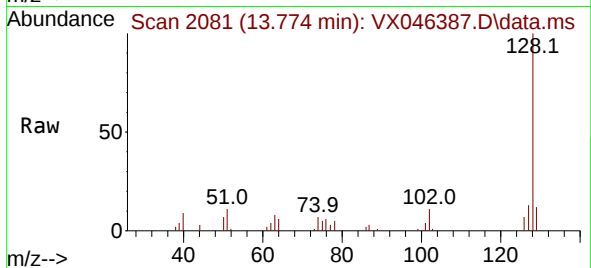
Tgt Ion:225 Resp: 1251
Ion Ratio Lower Upper
225 100
223 61.9 30.8 92.4
227 56.1 30.9 92.7





#95
Naphthalene
Concen: 2.001 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12

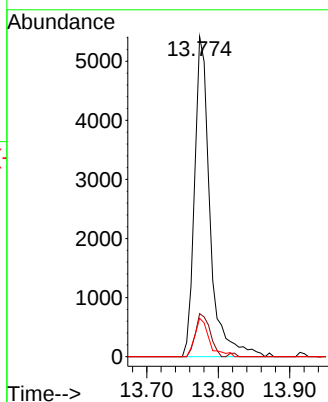
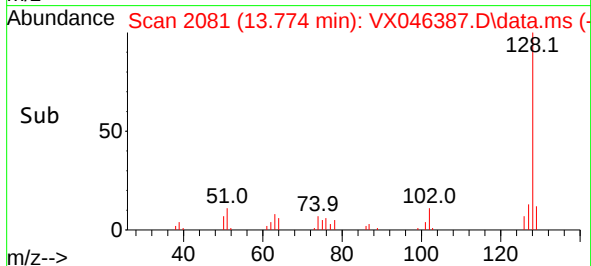
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025



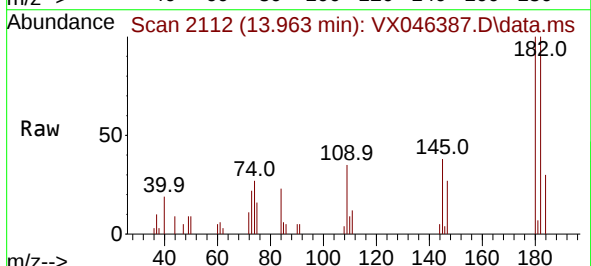
Tgt Ion:128 Resp: 812
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.067 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046387.D
Acq: 28 May 2025 16:12



Tgt Ion:180 Resp: 2360
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 37.2 18.1 54.3

