

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046916.D
 Acq On : 08 Jul 2025 12:55
 Operator : JC/MD
 Sample : Q2126-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 09 05:14:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 05:05:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	348565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	574761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	523603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	271104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	246358	53.499	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.000%	
35) Dibromofluoromethane	5.397	113	205417	52.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	8.653	98	726997	52.814	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	11.079	95	284344	54.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.700%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.185	85	8187	2.456	ug/l 98
3) Chloromethane	1.307	50	8759	2.405	ug/l 99
4) Vinyl Chloride	1.386	62	9850	2.483	ug/l 96
5) Bromomethane	1.630	94	7504	2.945	ug/l 94
6) Chloroethane	1.703	64	7317	2.794	ug/l 99
7) Trichlorofluoromethane	1.904	101	15588	2.542	ug/l 87
8) Diethyl Ether	2.148	74	6039	2.767	ug/l 95
9) 1,1,2-Trichlorotrifluo...	2.349	101	9592	2.455	ug/l 95
10) Methyl Iodide	2.471	142	9665	2.270	ug/l 95
11) Tert butyl alcohol	2.953	59	3712	12.291	ug/l # 91
12) 1,1-Dichloroethene	2.337	96	9545	2.525	ug/l 91
13) Acrolein	2.252	56	6351	17.610	ug/l 90
14) Allyl chloride	2.684	41	17157	2.550	ug/l 98
15) Acrylonitrile	3.081	53	22157	12.689	ug/l 100
16) Acetone	2.392	43	22194	15.516	ug/l 92
17) Carbon Disulfide	2.526	76	25053	2.527	ug/l 99
18) Methyl Acetate	2.715	43	8992	2.385	ug/l 100
19) Methyl tert-butyl Ether	3.123	73	27009	2.530	ug/l 99
20) Methylene Chloride	2.806	84	12796	3.025	ug/l 92
21) trans-1,2-Dichloroethene	3.111	96	10405	2.690	ug/l 94
22) Diisopropyl ether	3.770	45	33009	2.539	ug/l # 54
23) Vinyl Acetate	3.739	43	118871	12.205	ug/l 98
24) 1,1-Dichloroethane	3.623	63	19409	2.618	ug/l 97
25) 2-Butanone	4.587	43	26022	13.636	ug/l 95
26) 2,2-Dichloropropane	4.483	77	14168	2.568	ug/l 77
27) cis-1,2-Dichloroethene	4.507	96	12246	2.593	ug/l 98
28) Bromochloromethane	4.910	49	10066	2.751	ug/l 98
29) Tetrahydrofuran	5.032	42	17190	14.130	ug/l # 87
30) Chloroform	5.111	83	20680	2.730	ug/l 90
31) Cyclohexane	5.489	56	17504	2.659	ug/l # 85
32) 1,1,1-Trichloroethane	5.391	97	16436	2.597	ug/l 98
36) 1,1-Dichloropropene	5.702	75	13907	2.642	ug/l 98
37) Ethyl Acetate	4.751	43	11444	2.553	ug/l # 87
38) Carbon Tetrachloride	5.690	117	14032	2.521	ug/l 90
39) Methylcyclohexane	7.385	83	17569	2.668	ug/l # 92
40) Benzene	6.050	78	42372	2.661	ug/l 99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	5813	2.431	ug/l #	93
42) 1,2-Dichloroethane	6.105	62	14869	2.750	ug/l	99
43) Isopropyl Acetate	6.361	43	17507	2.549	ug/l	95
44) Trichloroethene	7.147	130	11092	2.676	ug/l	99
45) 1,2-Dichloropropane	7.434	63	10235	2.544	ug/l	90
46) Dibromomethane	7.592	93	7633	2.739	ug/l	95
47) Bromodichloromethane	7.824	83	15867	2.666	ug/l	92
48) Methyl methacrylate	7.708	41	8233	2.322	ug/l	95
49) 1,4-Dioxane	7.677	88	2082	50.674	ug/l #	64
51) 4-Methyl-2-Pentanone	8.574	43	52510	12.956	ug/l	98
52) Toluene	8.720	92	26983	2.735	ug/l	100
53) t-1,3-Dichloropropene	8.988	75	12200	2.297	ug/l #	88
54) cis-1,3-Dichloropropene	8.379	75	14428	2.380	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	9790	2.664	ug/l	93
56) Ethyl methacrylate	9.122	69	12329	2.424	ug/l	93
57) 1,3-Dichloropropane	9.311	76	17052	2.695	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	31238	10.900	ug/l	95
59) 2-Hexanone	9.439	43	36051	13.411	ug/l	100
60) Dibromochloromethane	9.525	129	11520	2.619	ug/l	96
61) 1,2-Dibromoethane	9.610	107	9362	2.537	ug/l	92
64) Tetrachloroethene	9.275	164	9712	2.786	ug/l	90
65) Chlorobenzene	10.079	112	31561	2.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	9685	2.545	ug/l	93
67) Ethyl Benzene	10.195	91	50872	2.624	ug/l	96
68) m/p-Xylenes	10.299	106	39071	5.348	ug/l	100
69) o-Xylene	10.640	106	18498	2.621	ug/l	99
70) Styrene	10.659	104	31170	2.582	ug/l	97
71) Bromoform	10.799	173	7015	2.479	ug/l #	97
73) Isopropylbenzene	10.963	105	48009	2.519	ug/l	100
74) N-amyl acetate	10.848	43	15893	2.454	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	14376	2.743	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	10897m	2.601	ug/l	
77) Bromobenzene	11.201	156	12932	2.724	ug/l	94
78) n-propylbenzene	11.305	91	58760	2.557	ug/l	99
79) 2-Chlorotoluene	11.366	91	37863	2.790	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	40044	2.586	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	3479m	2.229	ug/l	
82) 4-Chlorotoluene	11.457	91	41362	2.642	ug/l	99
83) tert-Butylbenzene	11.713	119	40091	2.507	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	40163	2.566	ug/l	96
85) sec-Butylbenzene	11.890	105	52989	2.628	ug/l	99
86) p-Isopropyltoluene	12.006	119	41678	2.468	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	23532	2.651	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	25680	2.779	ug/l	93
89) n-Butylbenzene	12.329	91	37963	2.393	ug/l	99
90) Hexachloroethane	12.536	117	7349	2.455	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	23011	2.675	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2161	2.358	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	14053	2.404	ug/l	100
94) Hexachlorobutadiene	13.719	225	5525	2.507	ug/l	97
95) Naphthalene	13.774	128	36171	2.349	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13688	2.479	ug/l	96

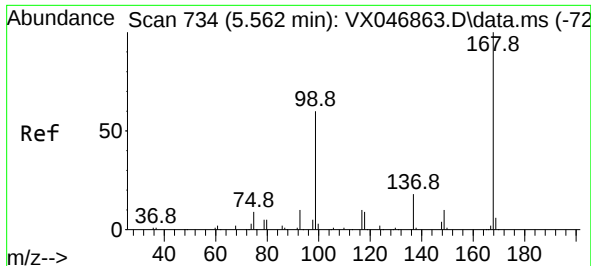
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Quant Title : SW846 8260
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Response via : Initial Calibration

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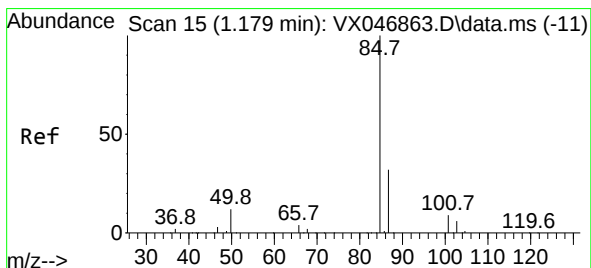
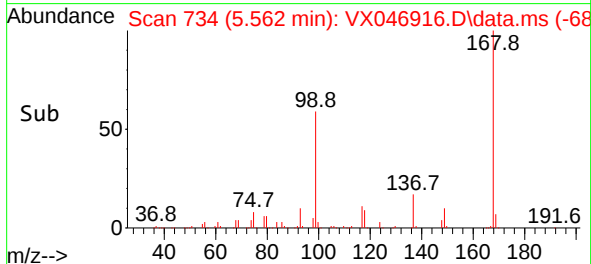
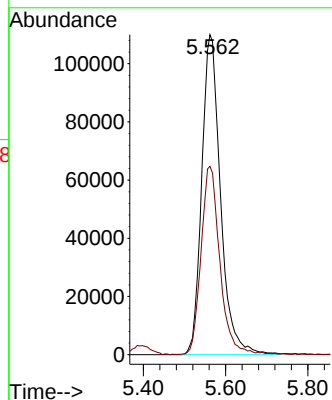
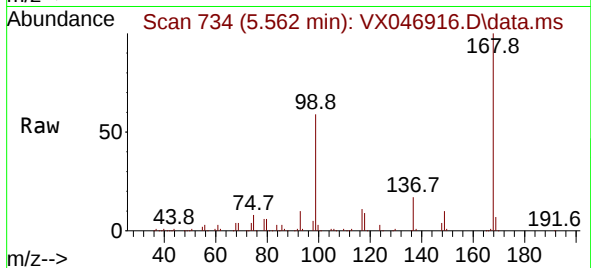
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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Acq: 08 Jul 2025 12:55

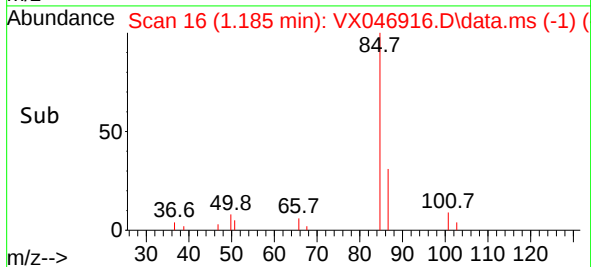
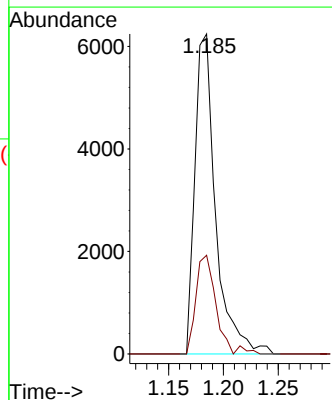
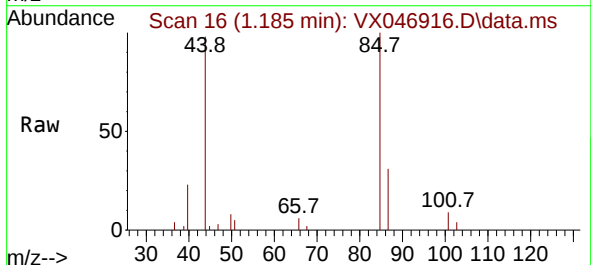
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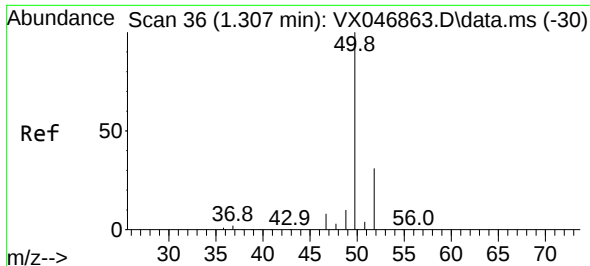
Tgt Ion:168 Resp: 348565
Ion Ratio Lower Upper
168 100
99 58.8 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 2.456 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 85 Resp: 8187
Ion Ratio Lower Upper
85 100
87 30.9 16.0 47.9

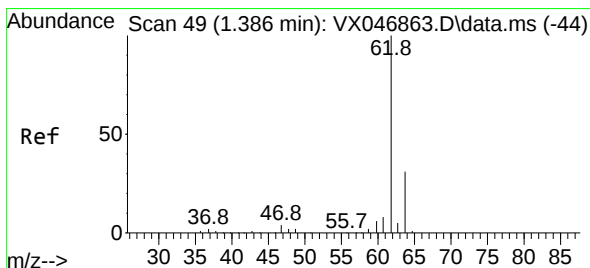
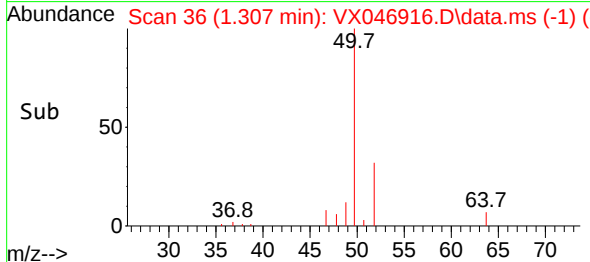
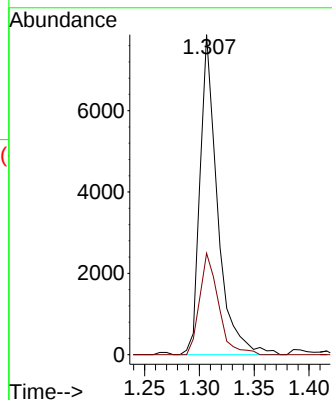
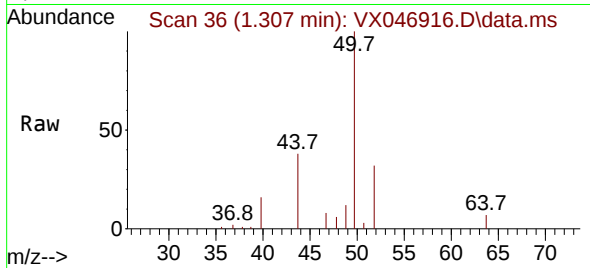




#3
Chloromethane
Concen: 2.405 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

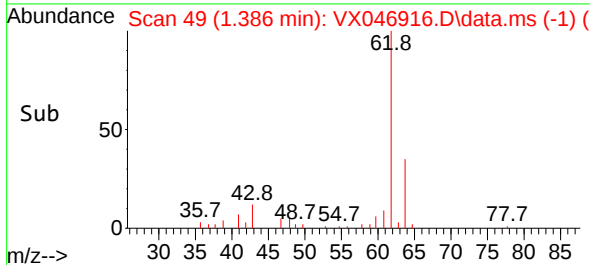
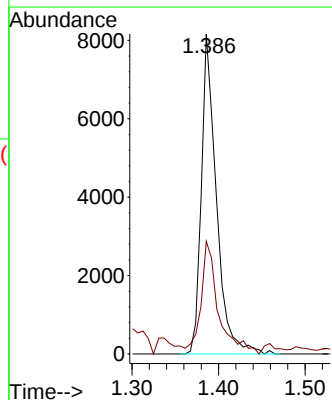
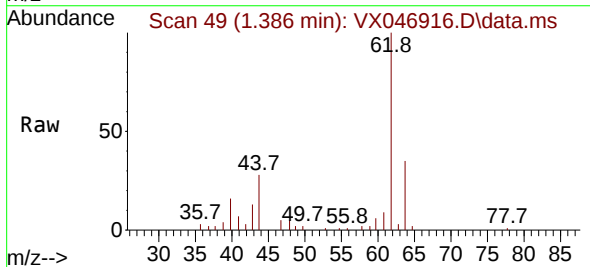
Instrument :
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ClientSampleId :
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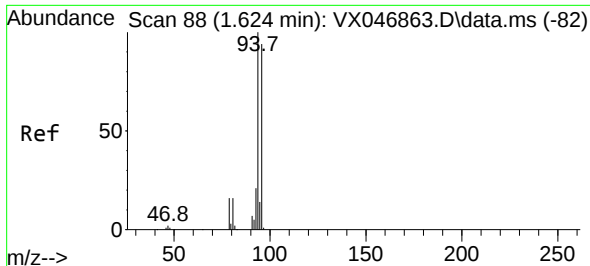
Tgt Ion: 50 Resp: 8759
Ion Ratio Lower Upper
50 100
52 31.7 25.0 37.4



#4
Vinyl Chloride
Concen: 2.483 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 62 Resp: 9850
Ion Ratio Lower Upper
62 100
64 33.5 25.0 37.4

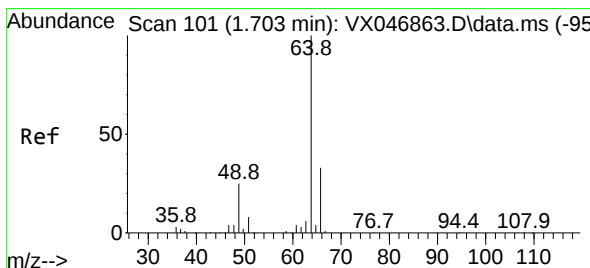
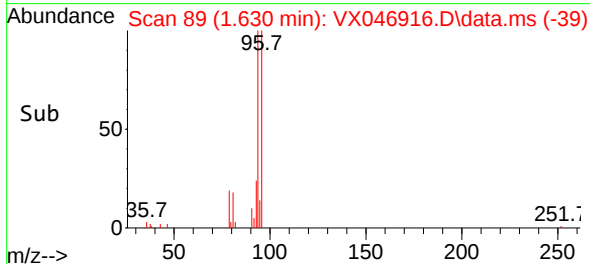
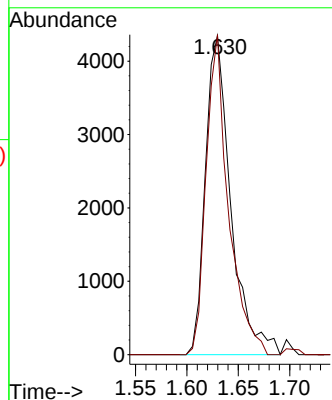
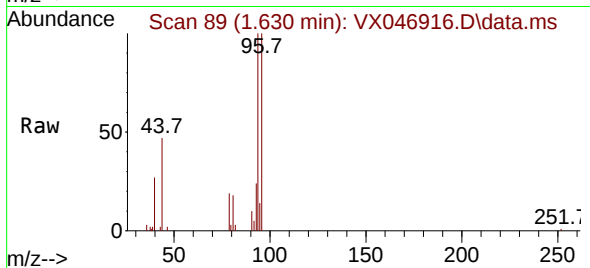




#5
Bromomethane
Concen: 2.945 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

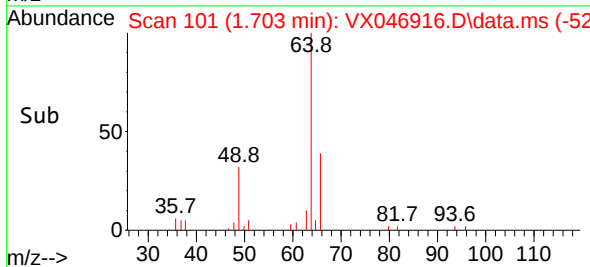
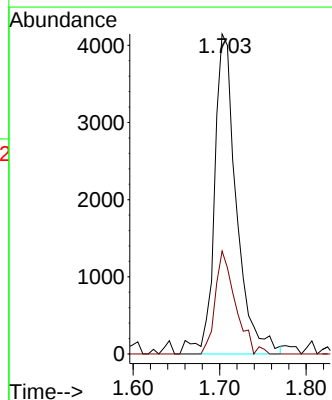
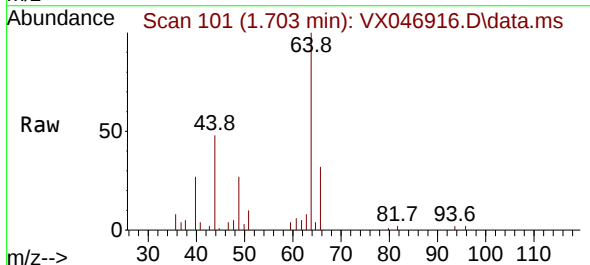
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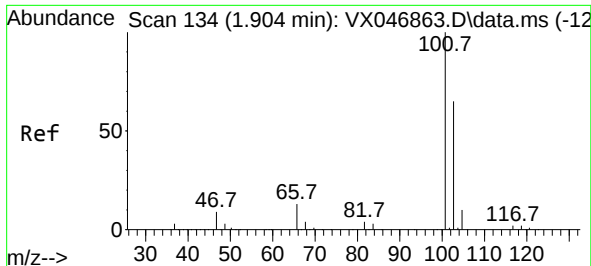
Tgt Ion: 94 Resp: 7504
Ion Ratio Lower Upper
94 100
96 100.3 75.5 113.3



#6
Chloroethane
Concen: 2.794 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 64 Resp: 7317
Ion Ratio Lower Upper
64 100
66 32.2 26.4 39.6

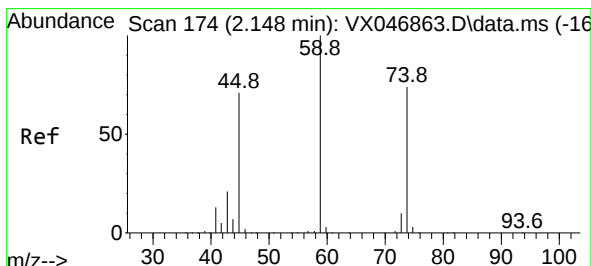
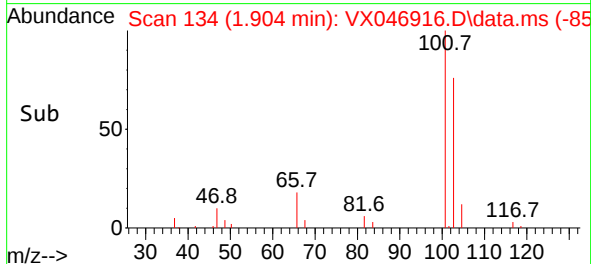
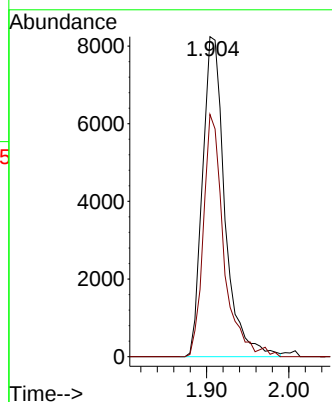
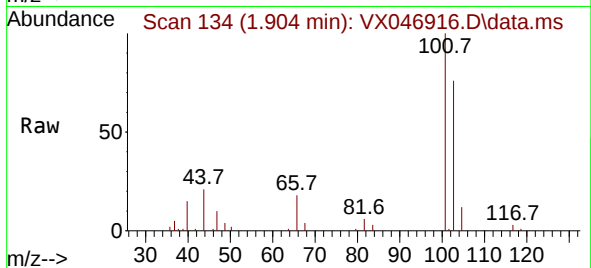




#7
 Trichlorofluoromethane
 Concen: 2.542 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

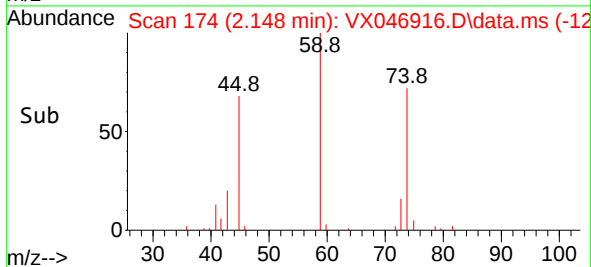
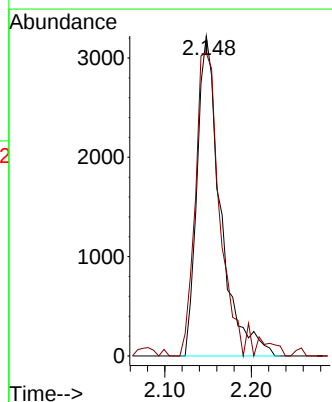
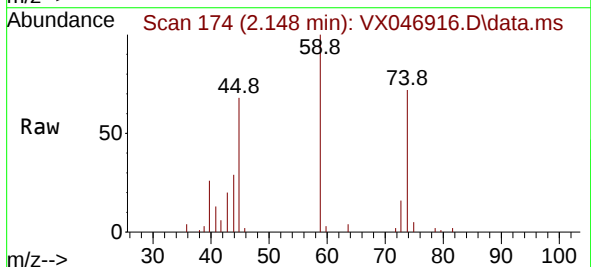
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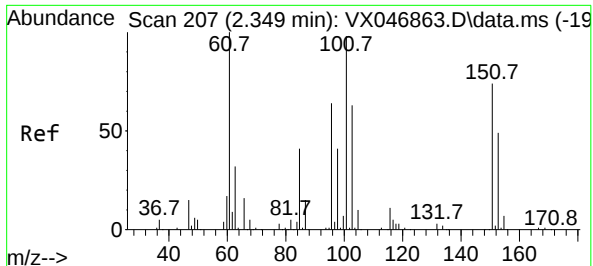
Tgt Ion:101 Resp: 15588
 Ion Ratio Lower Upper
 101 100
 103 75.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 2.767 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

Tgt Ion: 74 Resp: 6039
 Ion Ratio Lower Upper
 74 100
 45 96.9 50.7 152.1

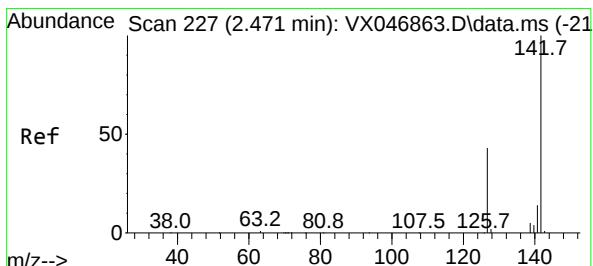
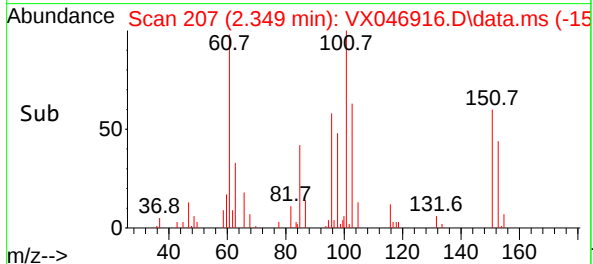
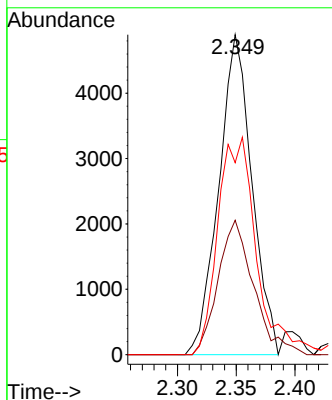
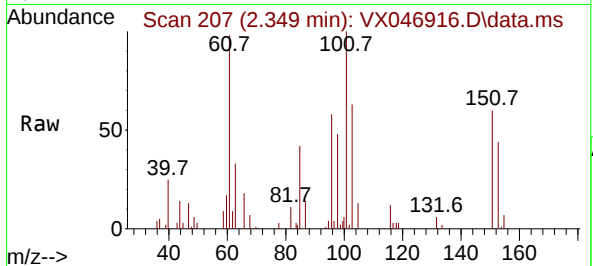




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.455 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046916.D
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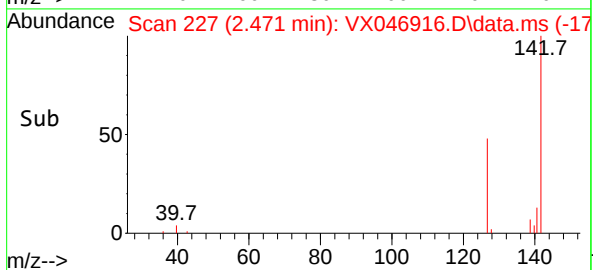
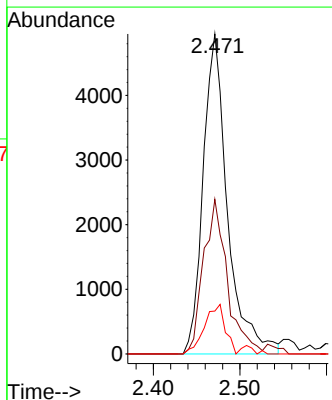
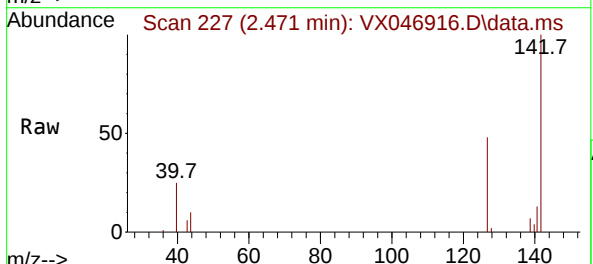
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

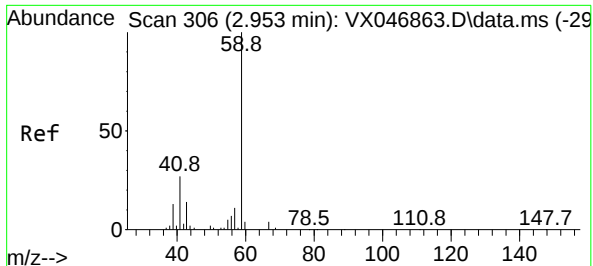
Tgt Ion:101 Resp: 9592
Ion Ratio Lower Upper
101 100
85 45.3 34.3 51.5
151 79.2 59.9 89.9



#10
Methyl Iodide
Concen: 2.270 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:142 Resp: 9665
Ion Ratio Lower Upper
142 100
127 47.3 34.9 52.3
141 13.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 12.291 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

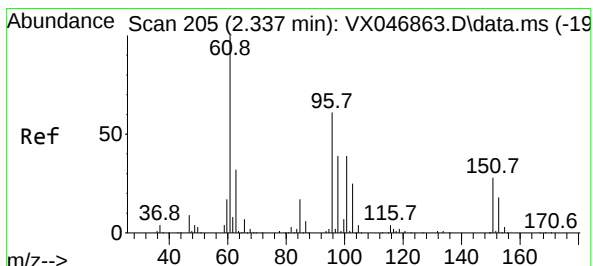
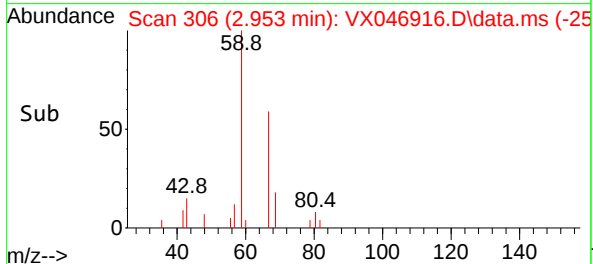
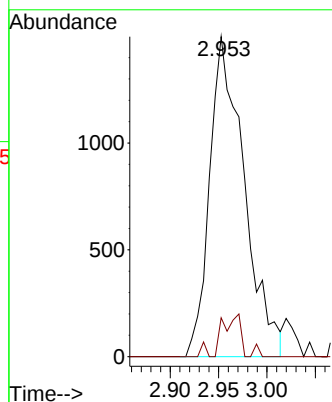
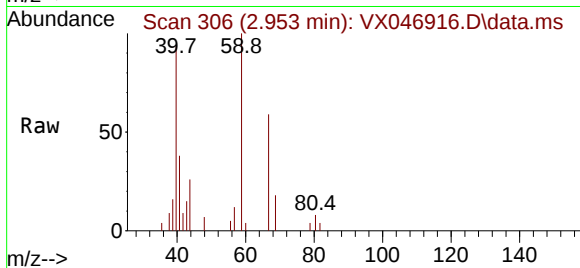
MDL-WATER-03-QT2-2025

Tgt Ion: 59 Resp: 3712

Ion Ratio Lower Upper

59 100

57 7.3 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 2.525 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

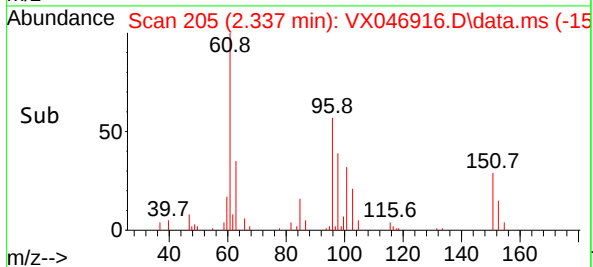
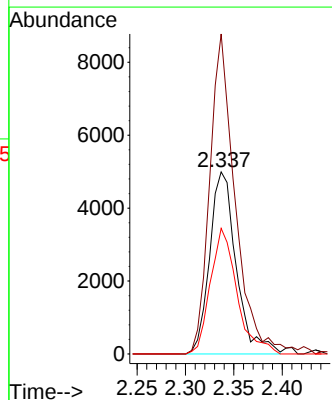
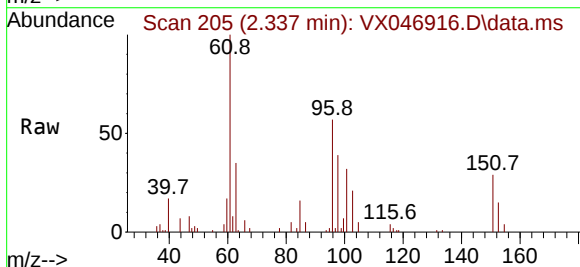
Tgt Ion: 96 Resp: 9545

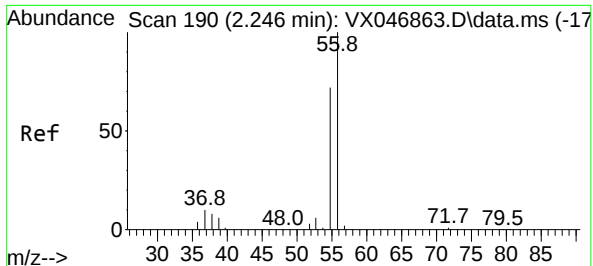
Ion Ratio Lower Upper

96 100

61 175.7 130.2 195.4

98 68.9 51.3 76.9





#13

Acrolein

Concen: 17.610 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

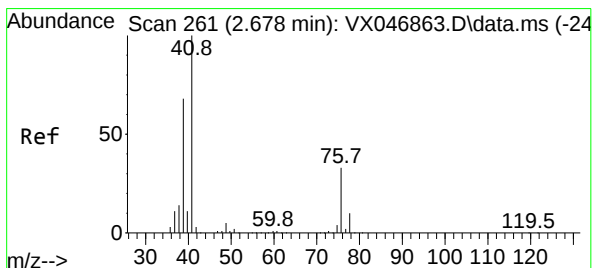
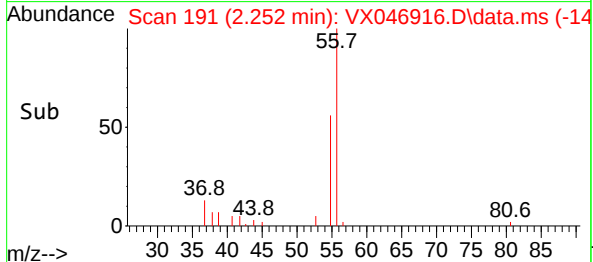
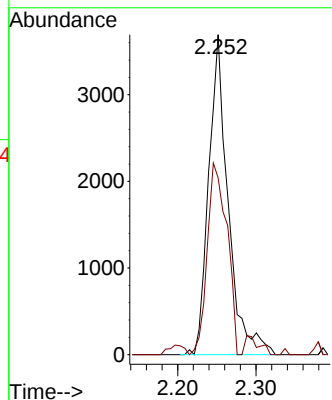
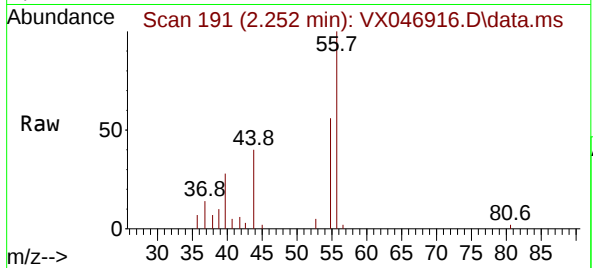
MDL-WATER-03-QT2-2025

Tgt Ion: 56 Resp: 6351

Ion Ratio Lower Upper

56 100

55 60.9 55.5 83.3



#14

Allyl chloride

Concen: 2.550 ug/l

RT: 2.684 min Scan# 262

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

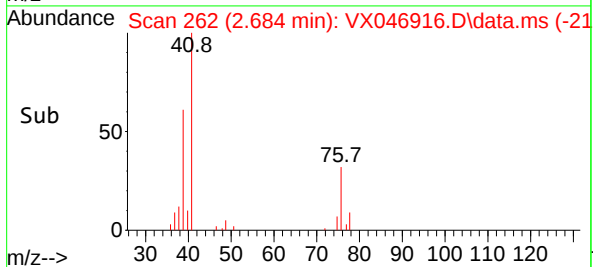
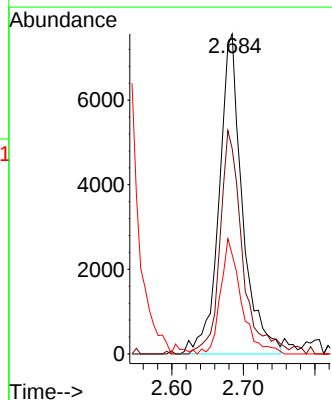
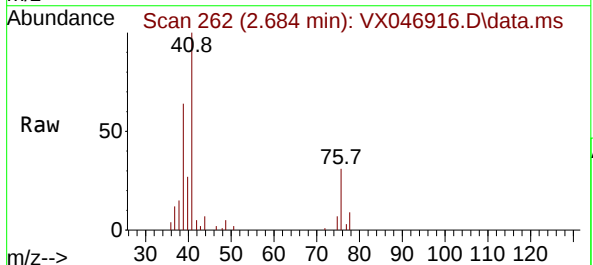
Tgt Ion: 41 Resp: 17157

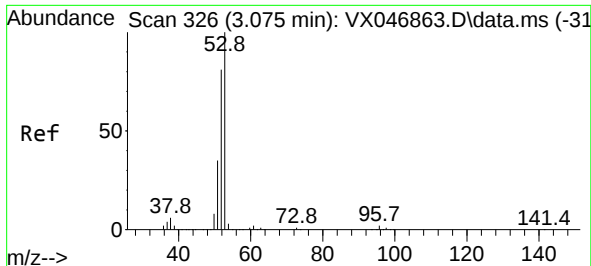
Ion Ratio Lower Upper

41 100

39 67.0 52.0 78.0

76 32.0 26.2 39.2

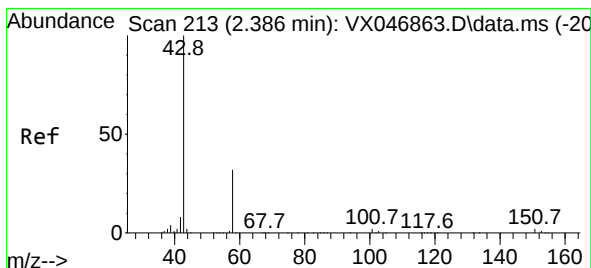
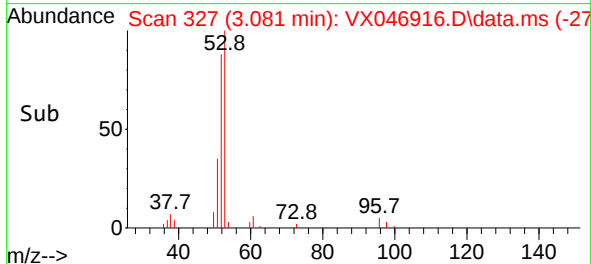
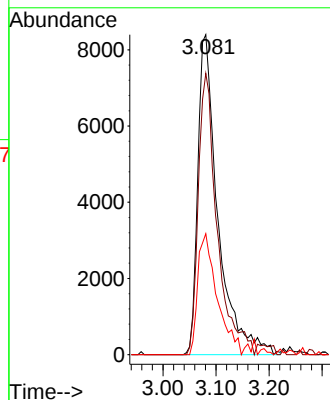
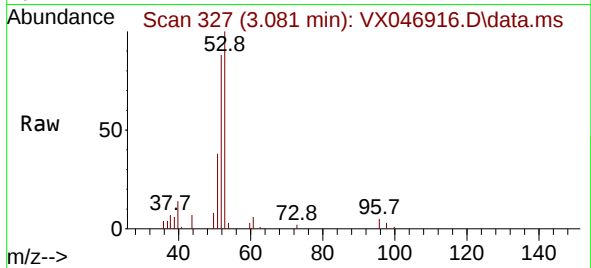




#15
Acrylonitrile
Concen: 12.689 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

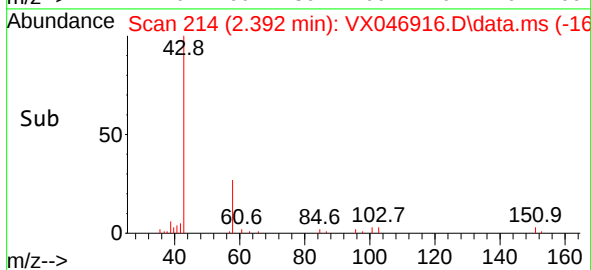
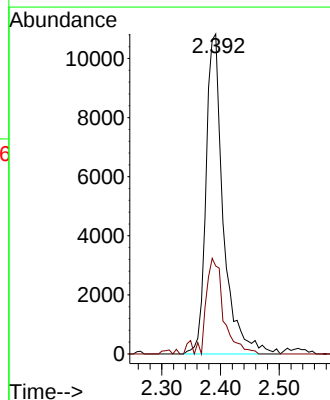
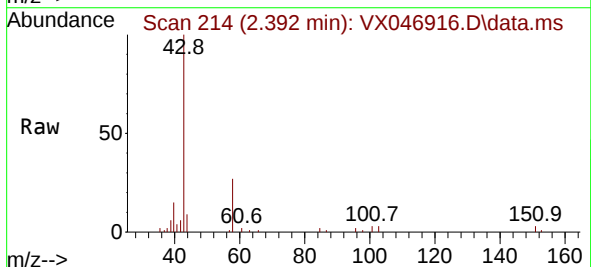
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

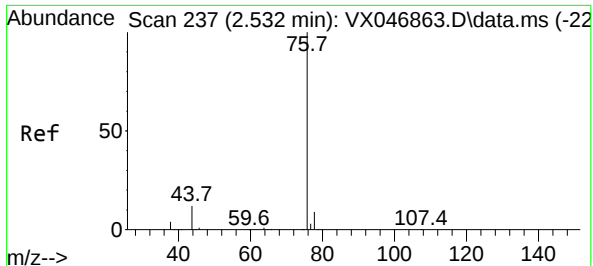
Tgt Ion: 53	Resp: 22157
Ion Ratio	Lower Upper
53 100	
52 82.3	66.0 99.0
51 36.4	28.6 43.0



#16
Acetone
Concen: 15.516 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 43	Resp: 22194
Ion Ratio	Lower Upper
43 100	
58 27.5	25.8 38.6

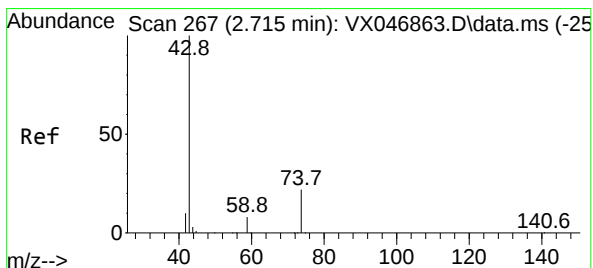
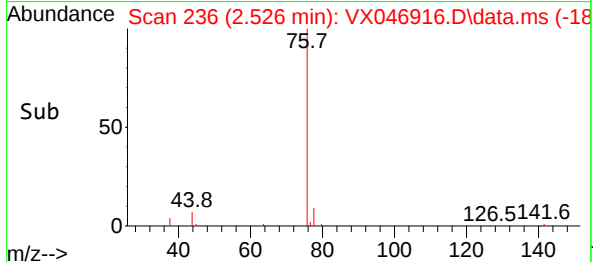
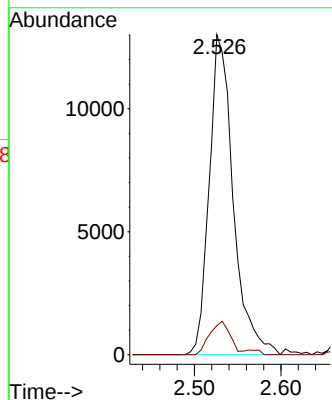
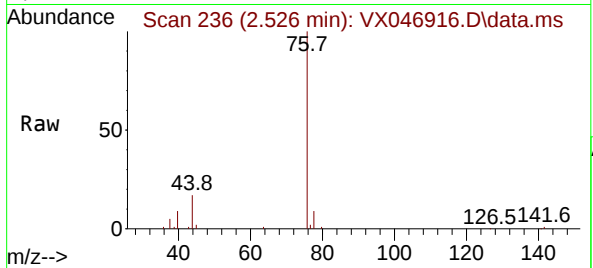




#17
Carbon Disulfide
Concen: 2.527 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

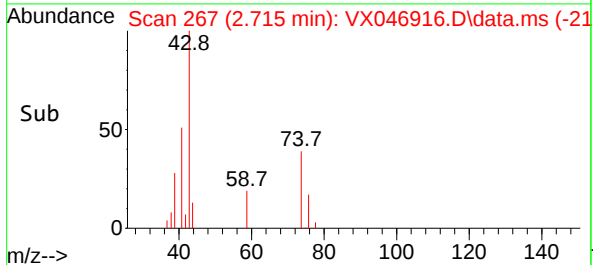
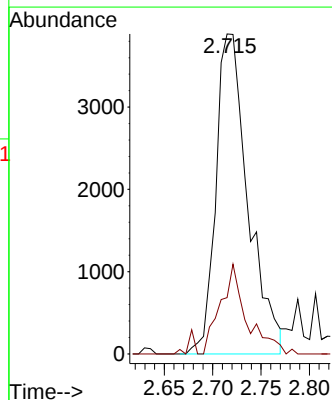
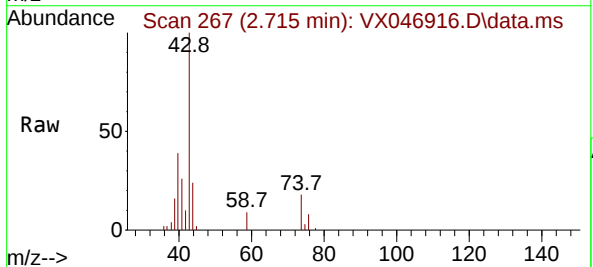
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 25053
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 2.385 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 43 Resp: 8992
Ion Ratio Lower Upper
43 100
74 23.1 18.3 27.5

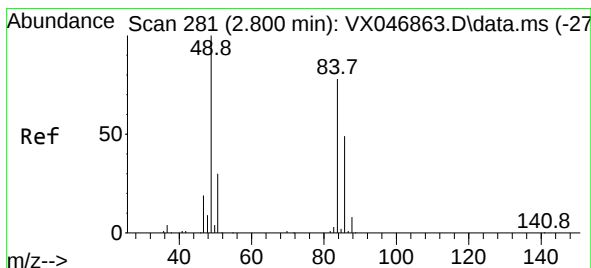
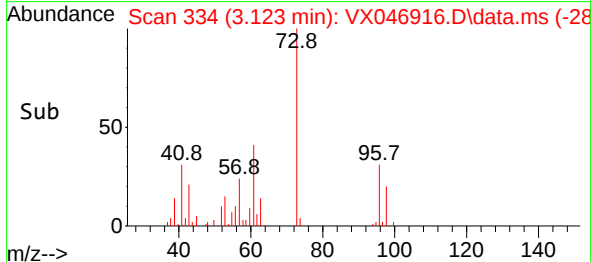
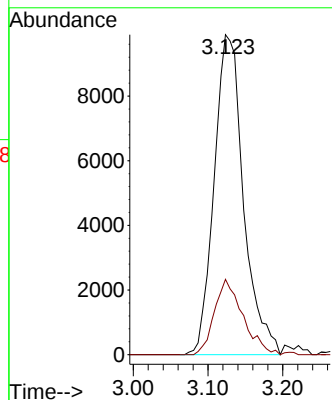
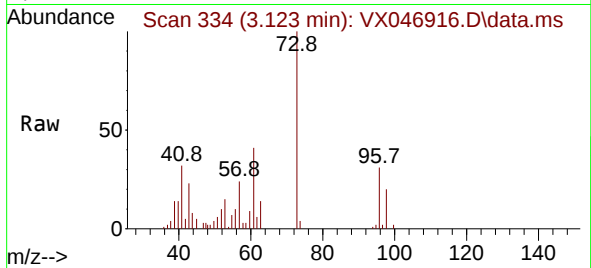




#19
Methyl tert-butyl Ether
Concen: 2.530 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

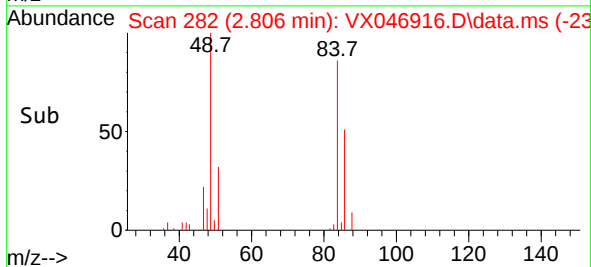
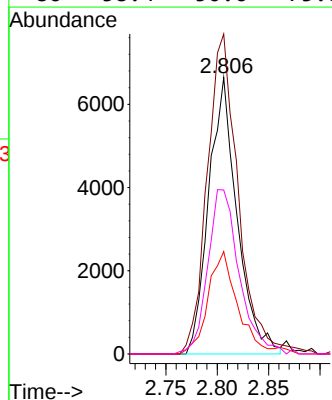
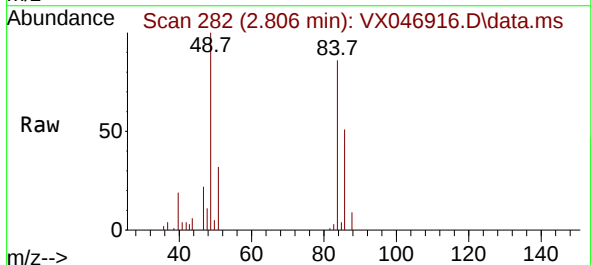
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

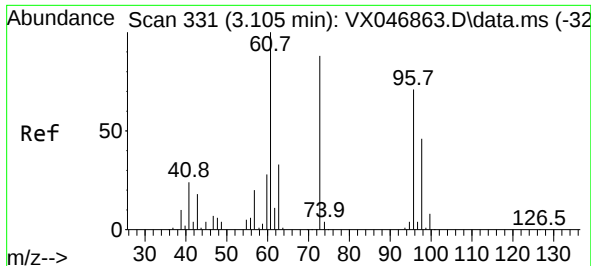
Tgt Ion: 73 Resp: 27009
Ion Ratio Lower Upper
73 100
57 22.6 18.6 28.0



#20
Methylene Chloride
Concen: 3.025 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 84 Resp: 12796
Ion Ratio Lower Upper
84 100
49 115.7 102.8 154.2
51 37.0 31.1 46.7
86 58.4 50.6 75.8

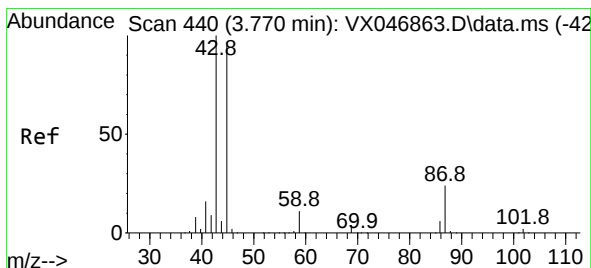
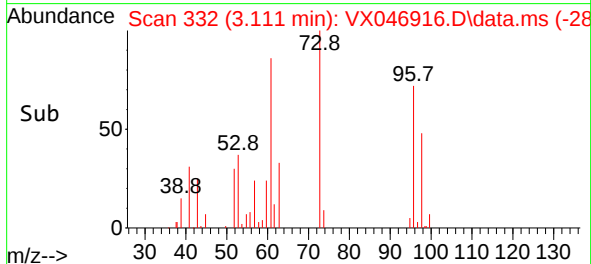
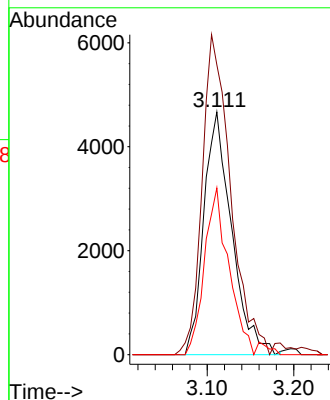
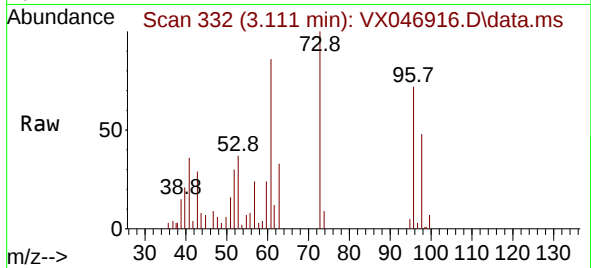




#21
trans-1,2-Dichloroethene
Concen: 2.690 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

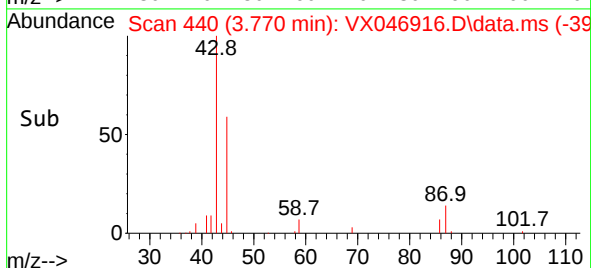
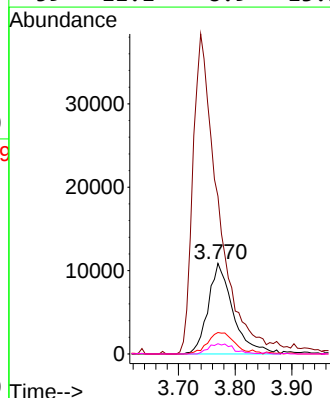
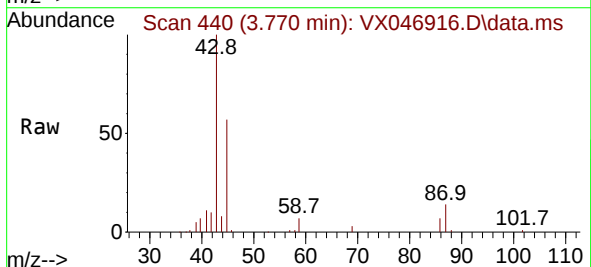
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

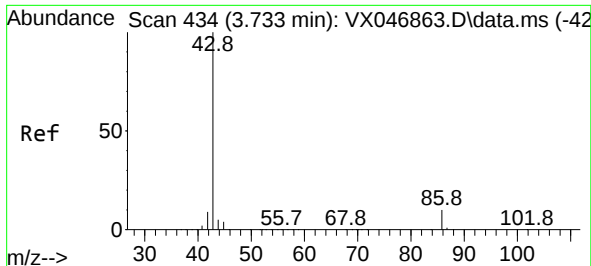
Tgt Ion: 96 Resp: 10405
Ion Ratio Lower Upper
96 100
61 134.6 113.4 170.2
98 68.7 51.8 77.6



#22
Diisopropyl ether
Concen: 2.539 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 45 Resp: 33009
Ion Ratio Lower Upper
45 100
43 168.3 84.2 126.4#
87 23.1 20.3 30.5
59 11.1 8.9 13.3

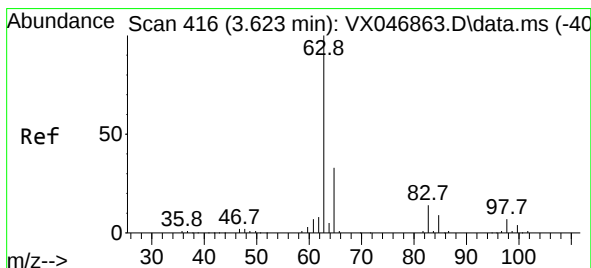
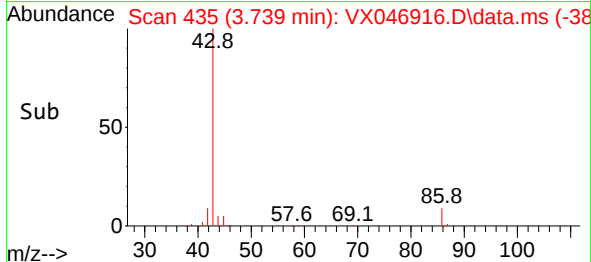
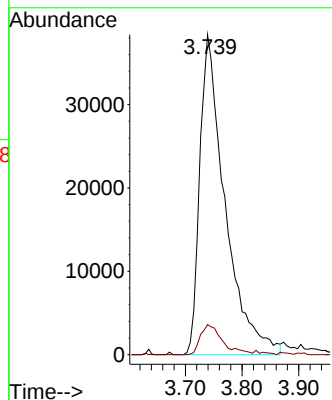
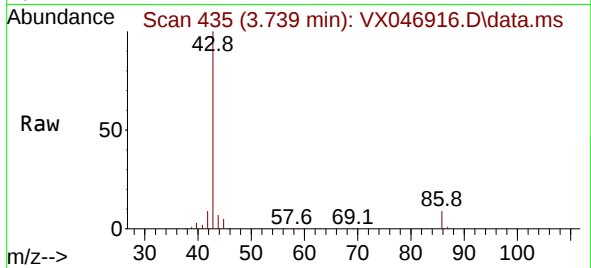




#23
 Vinyl Acetate
 Concen: 12.205 ug/l
 RT: 3.739 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

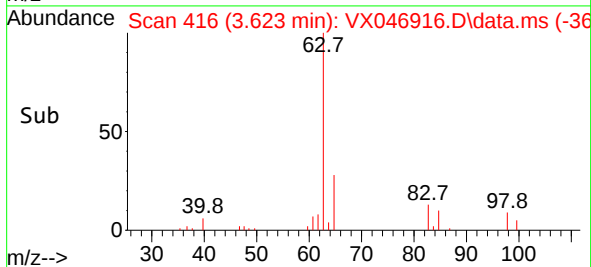
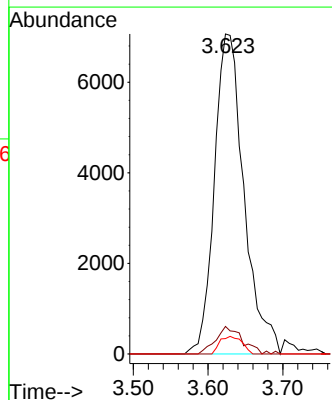
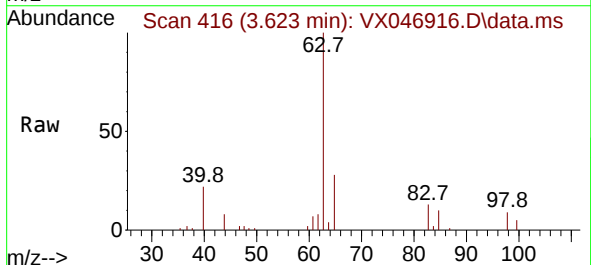
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

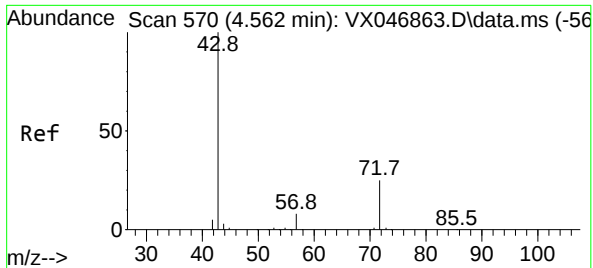
Tgt Ion: 43 Resp: 118871
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 2.618 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

Tgt Ion: 63 Resp: 19409
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.9
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 13.636 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

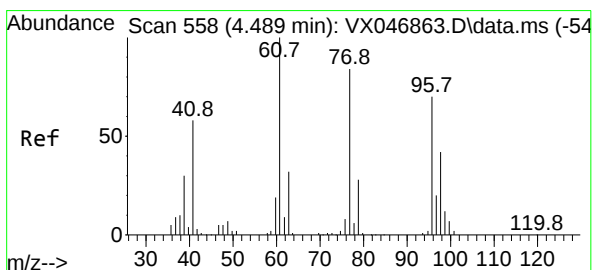
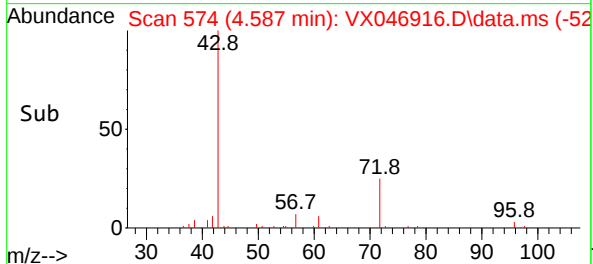
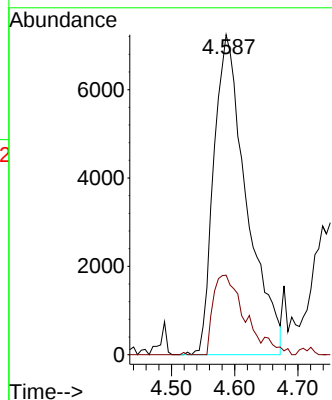
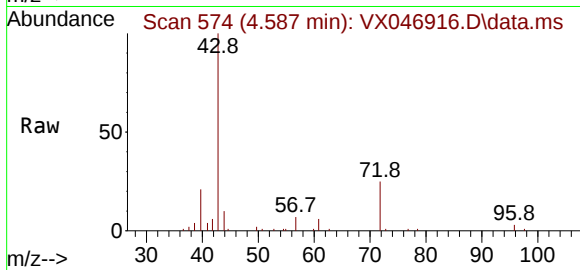
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 26022

Ion Ratio Lower Upper

43 100

72 27.3 20.0 30.0



#26

2,2-Dichloropropane

Concen: 2.568 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX046916.D

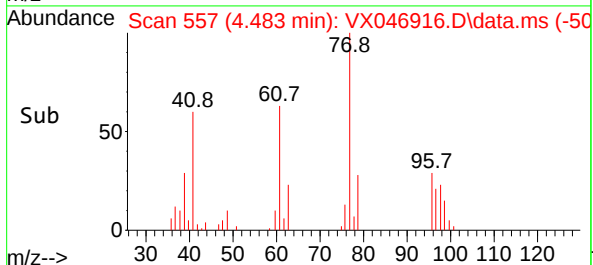
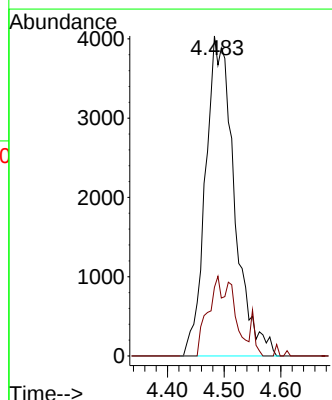
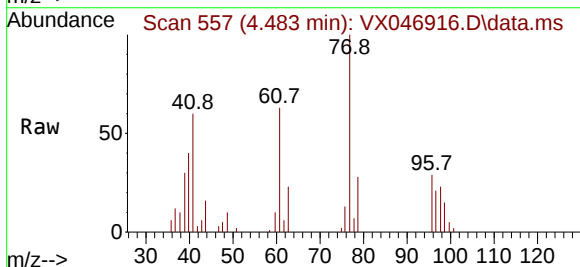
Acq: 08 Jul 2025 12:55

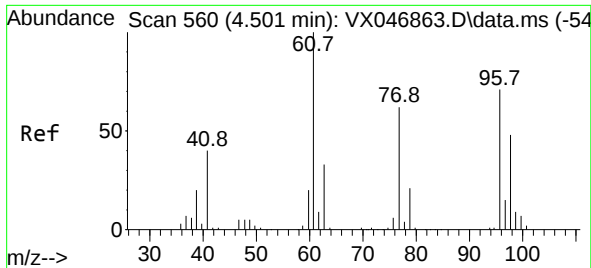
Tgt Ion: 77 Resp: 14168

Ion Ratio Lower Upper

77 100

97 11.9 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 2.593 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

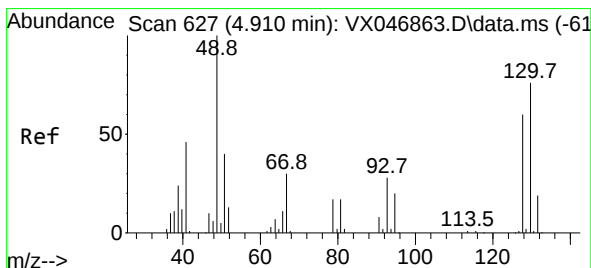
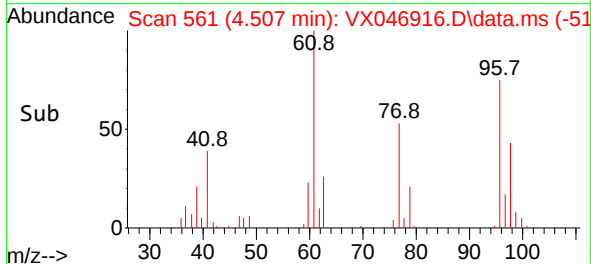
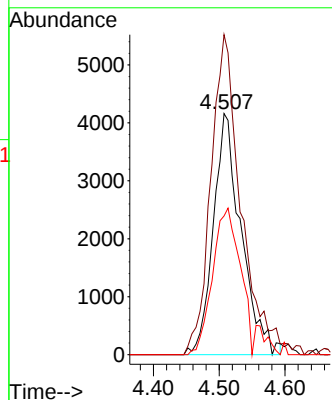
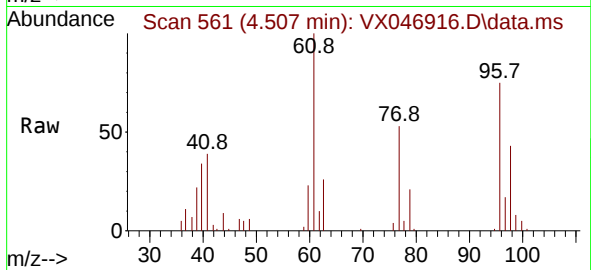
Tgt Ion: 96 Resp: 12246

Ion Ratio Lower Upper

96 100

61 144.8 0.0 288.6

98 60.1 0.0 128.8



#28

Bromochloromethane

Concen: 2.751 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

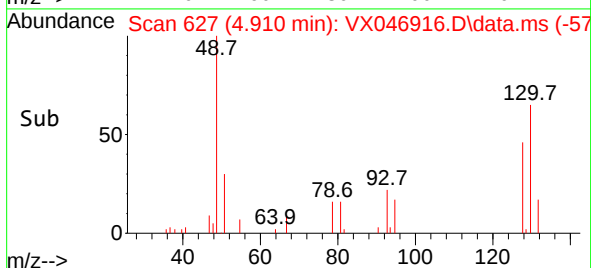
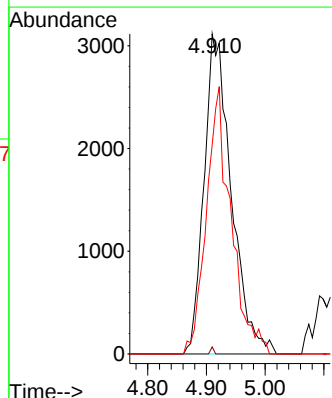
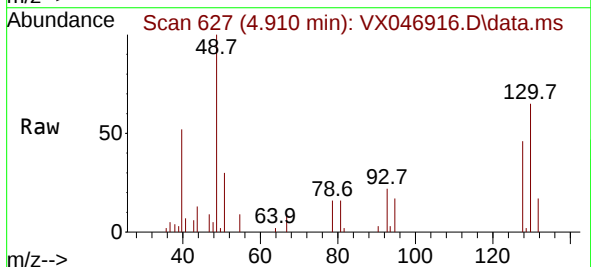
Tgt Ion: 49 Resp: 10066

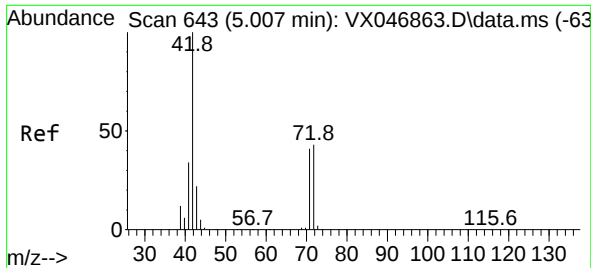
Ion Ratio Lower Upper

49 100

129 0.2 0.0 4.2

130 75.1 61.7 92.5





#29

Tetrahydrofuran

Concen: 14.130 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

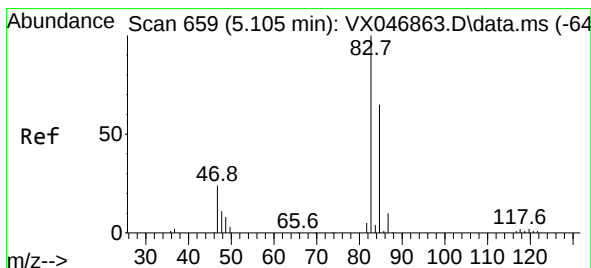
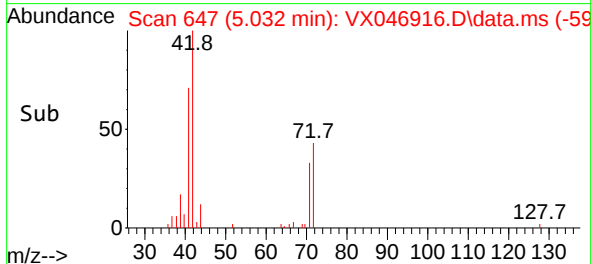
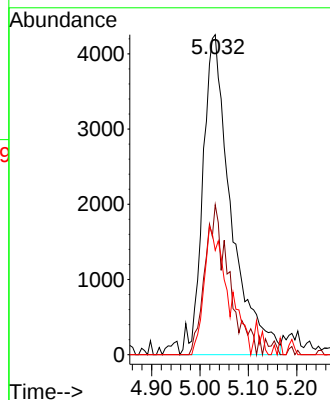
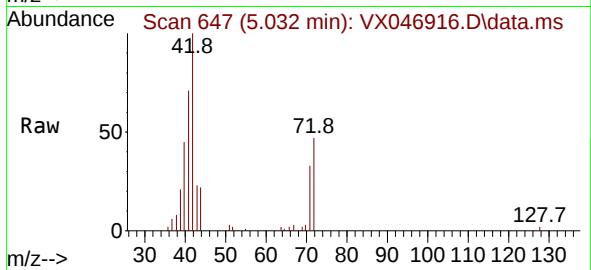
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	42	Resp:	17190
Ion	Ratio	Lower	Upper
42	100		
72	39.7	35.1	52.7
71	27.5	31.9	47.9#



#30

Chloroform

Concen: 2.730 ug/l

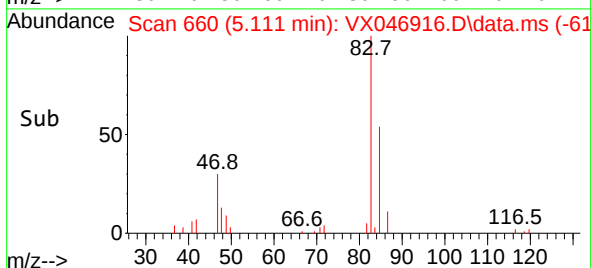
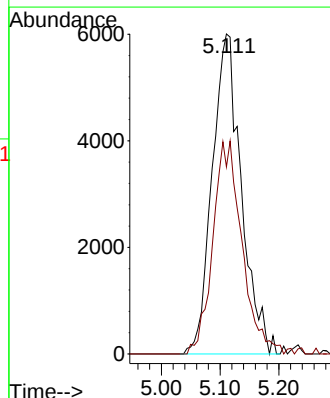
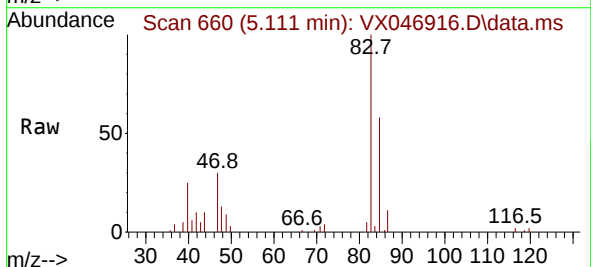
RT: 5.111 min Scan# 660

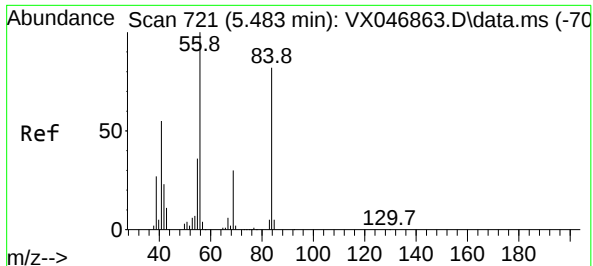
Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Tgt Ion:	83	Resp:	20680
Ion	Ratio	Lower	Upper
83	100		
85	56.9	51.8	77.8

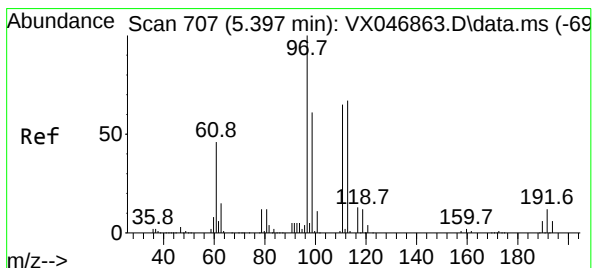
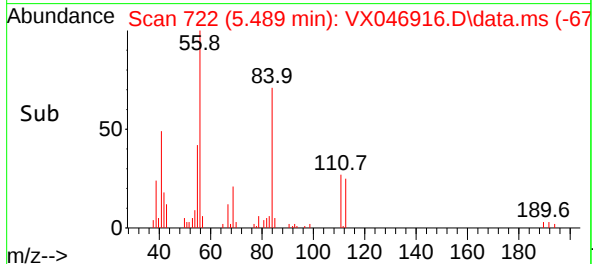
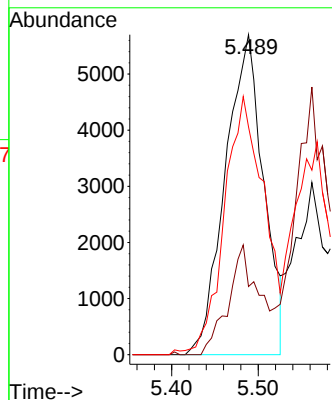
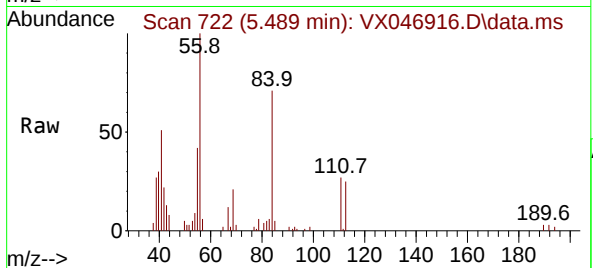




#31
Cyclohexane
Concen: 2.659 ug/l
RT: 5.489 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

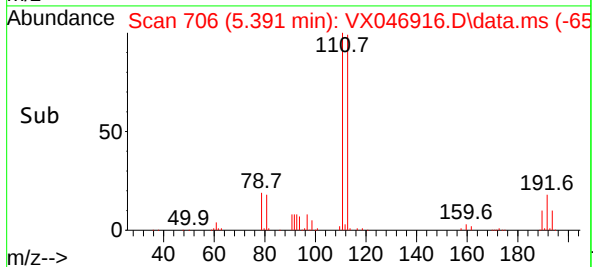
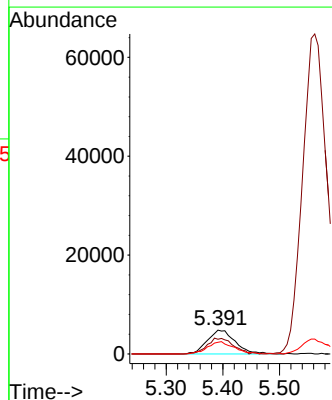
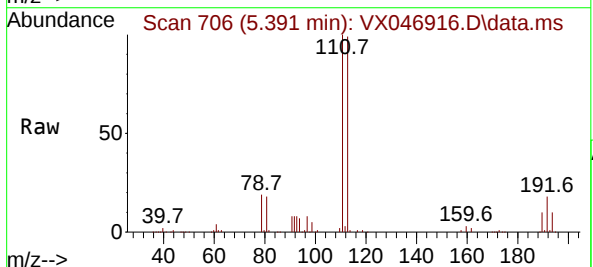
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 56 Resp: 17504
Ion Ratio Lower Upper
56 100
69 21.3 24.0 36.0#
84 70.1 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 2.597 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 97 Resp: 16436
Ion Ratio Lower Upper
97 100
99 62.7 50.6 76.0
61 48.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 53.499 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

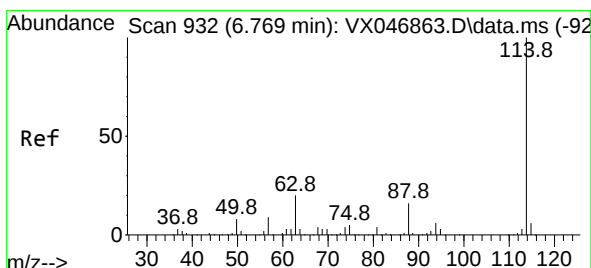
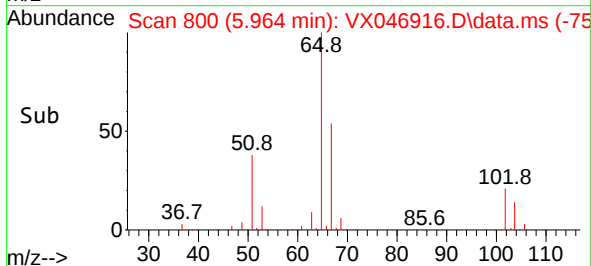
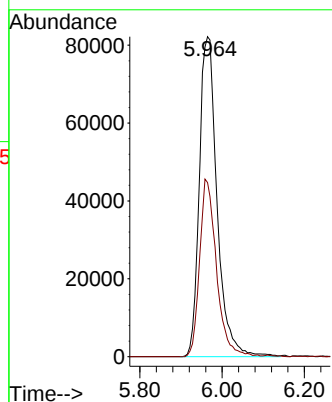
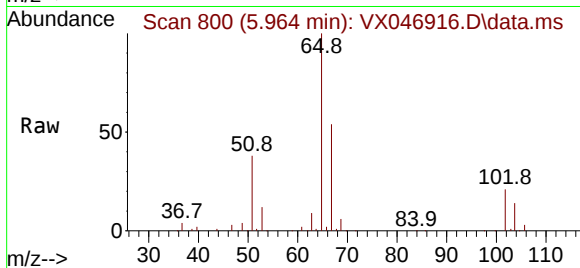
MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 246358

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

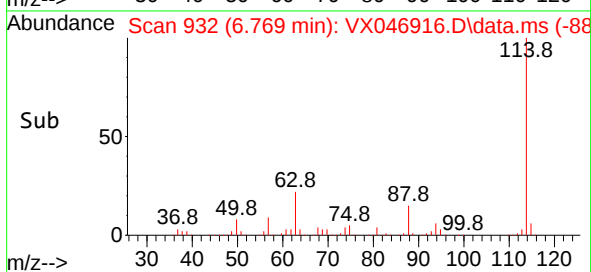
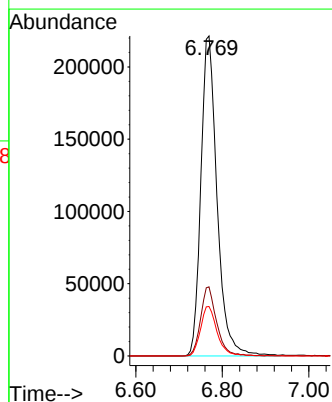
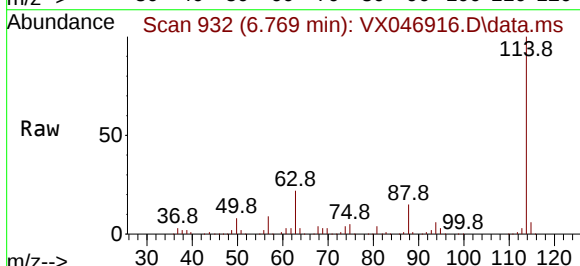
Tgt Ion: 114 Resp: 574761

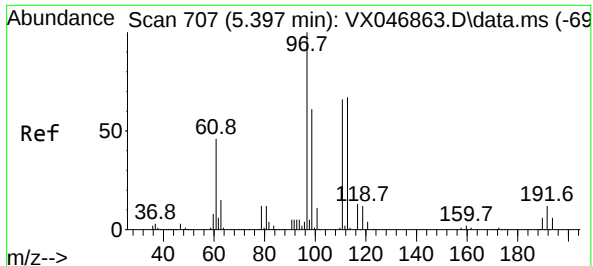
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.4

88 15.5 0.0 31.0

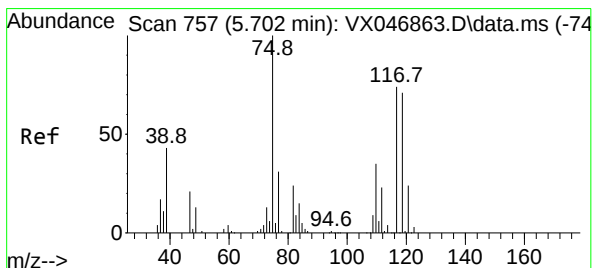
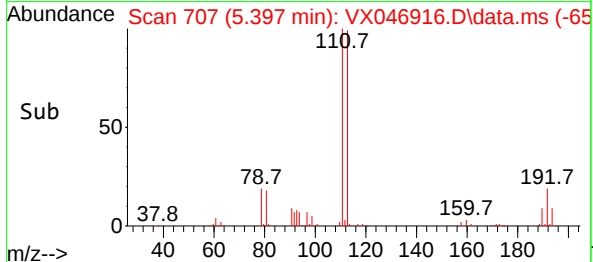
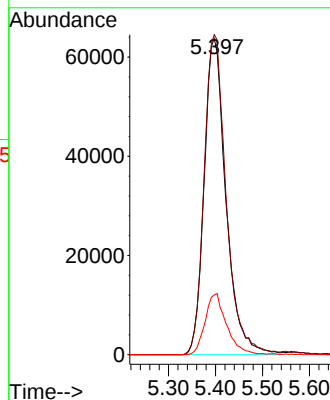
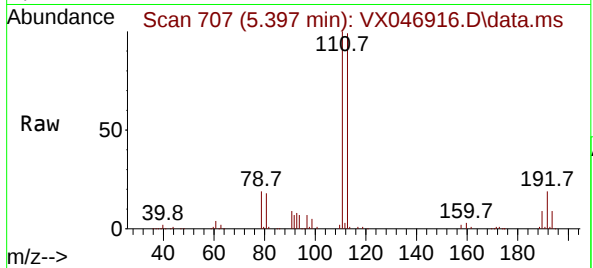




#35
Dibromofluoromethane
Concen: 52.651 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

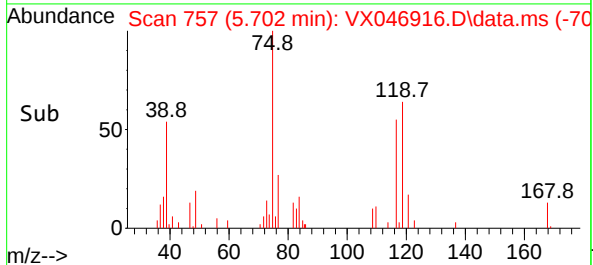
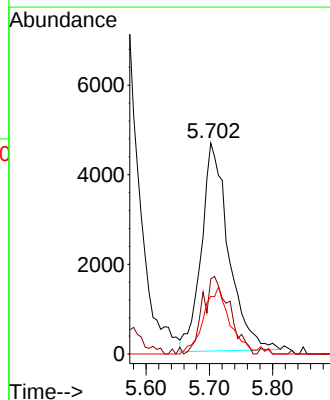
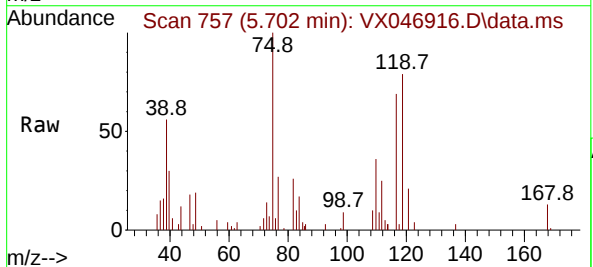
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

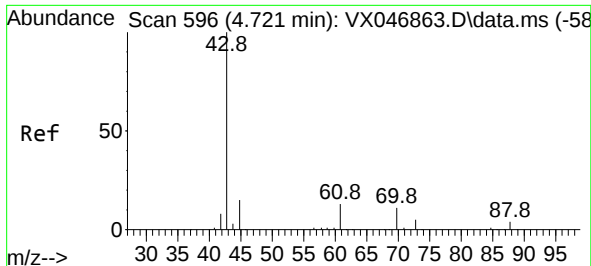
Tgt Ion:113 Resp: 205417
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.642 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 75 Resp: 13907
Ion Ratio Lower Upper
75 100
110 36.7 17.3 51.9
77 30.8 24.2 36.4





#37

Ethyl Acetate

Concen: 2.553 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.030 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

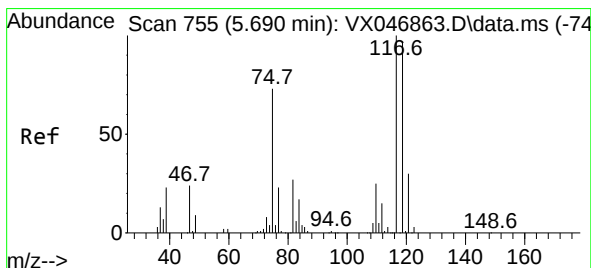
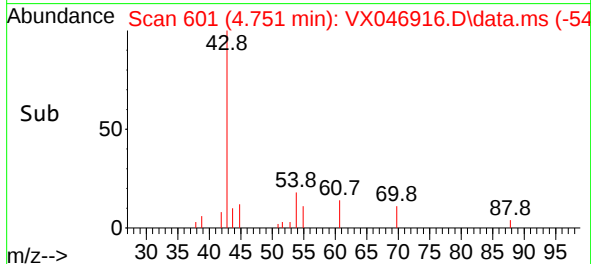
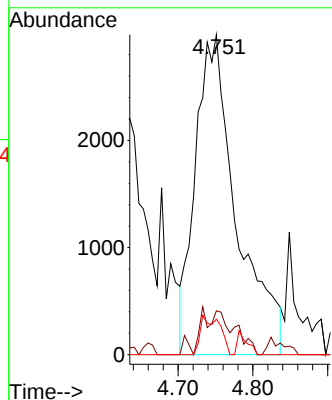
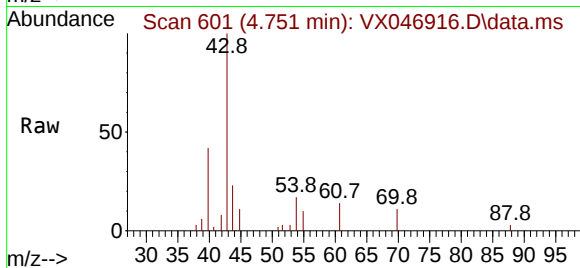
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 11444

Ion	Ratio	Lower	Upper
43	100		
61	6.9	9.7	14.5#
70	5.7	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 2.521 ug/l

RT: 5.690 min Scan# 755

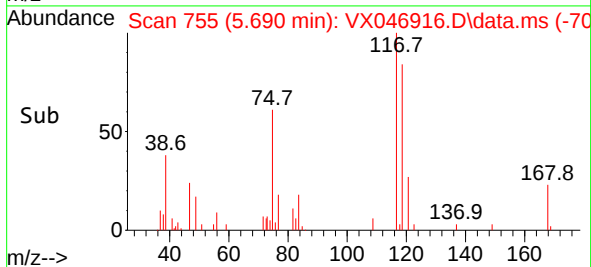
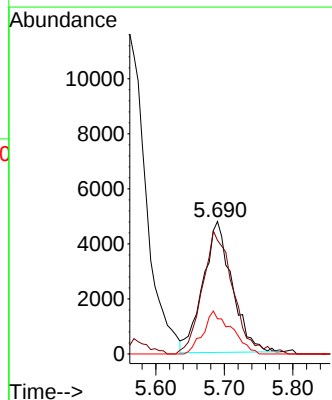
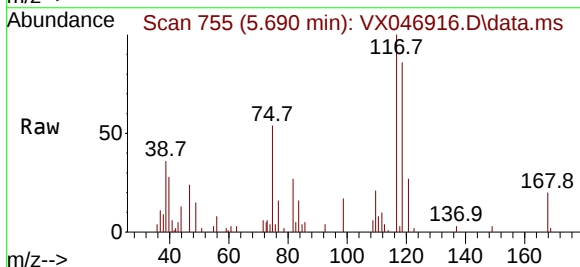
Delta R.T. -0.000 min

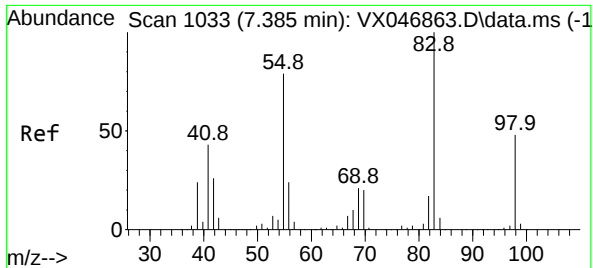
Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Tgt Ion: 117 Resp: 14032

Ion	Ratio	Lower	Upper
117	100		
119	84.5	76.6	114.8
121	27.1	24.1	36.1

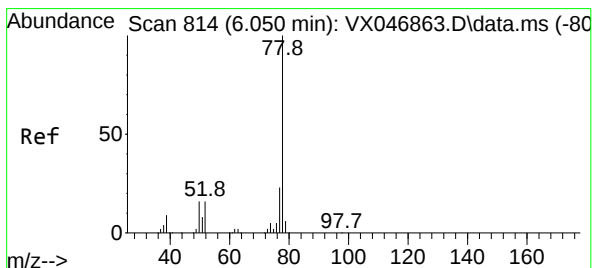
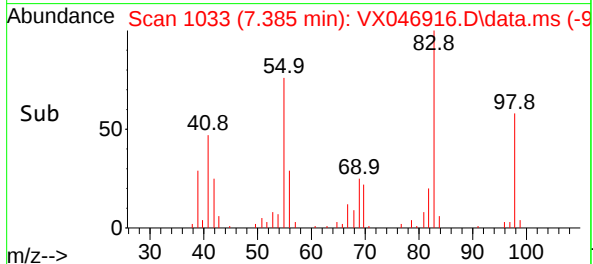
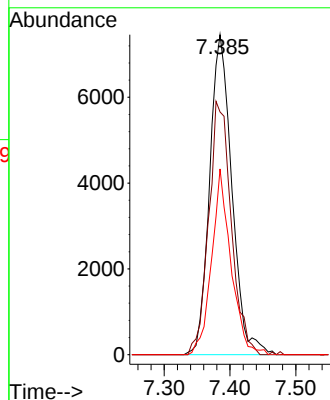
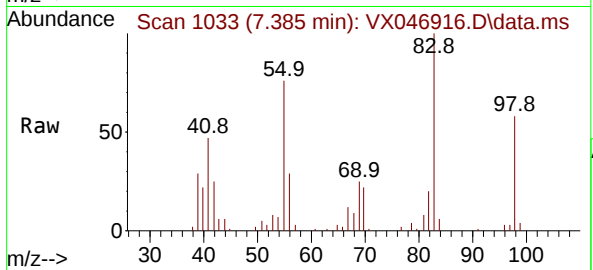




#39
Methylcyclohexane
Concen: 2.668 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

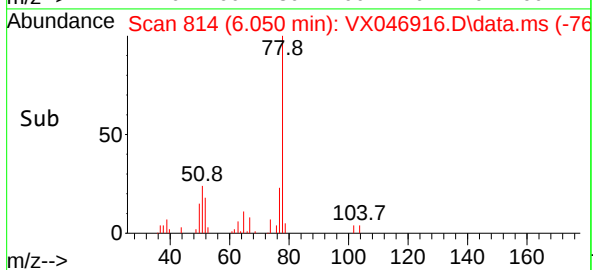
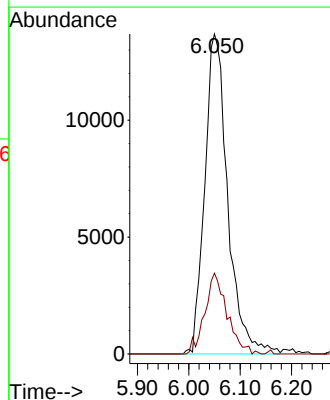
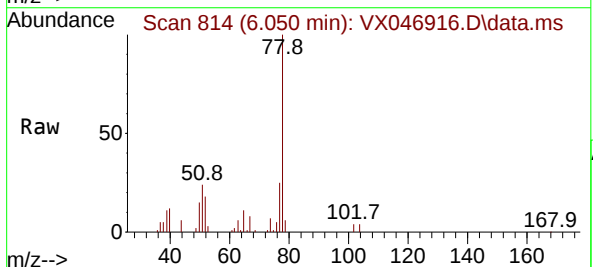
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

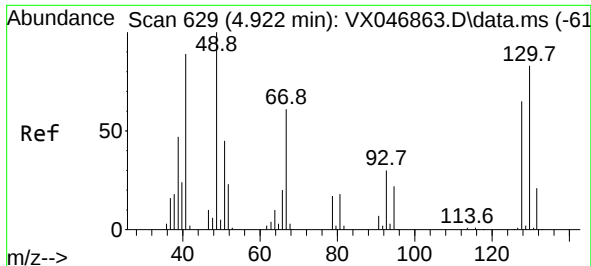
Tgt Ion: 83 Resp: 17569
Ion Ratio Lower Upper
83 100
55 75.8 63.0 94.4
98 58.0 38.5 57.7#



#40
Benzene
Concen: 2.661 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 78 Resp: 42372
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

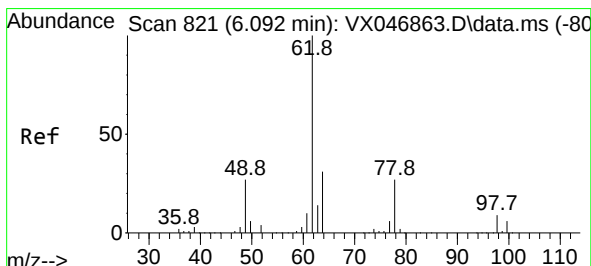
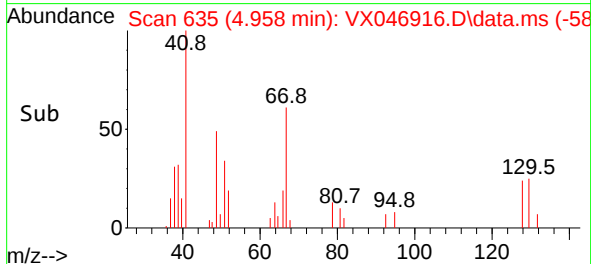
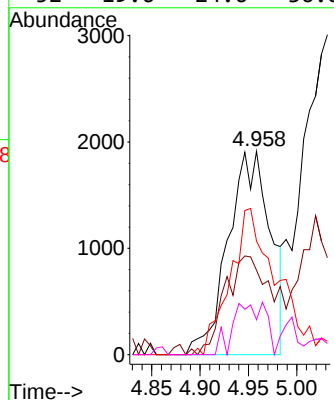
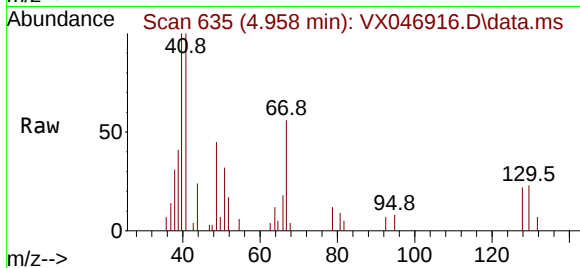




#41
Methacrylonitrile
Concen: 2.431 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.036 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

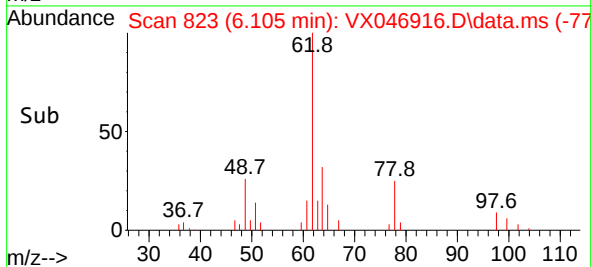
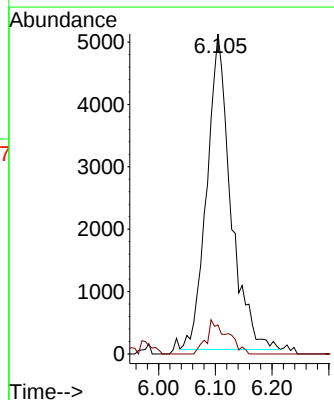
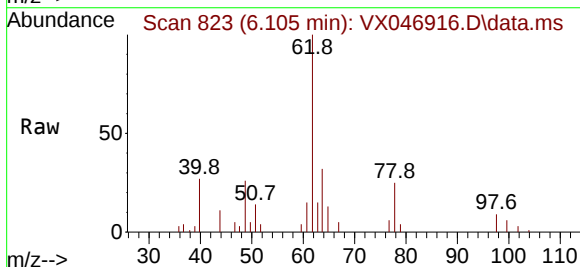
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

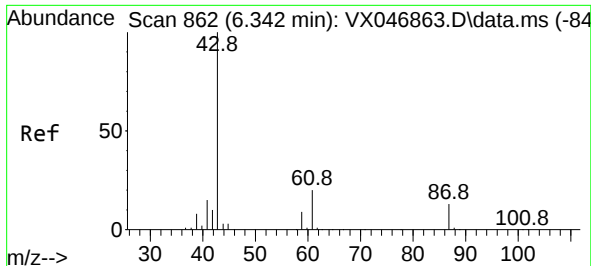
Tgt Ion:	41	Resp:	5813
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.0	64.4
67	80.3	60.2	90.2
52	19.6	24.6	36.8



#42
1,2-Dichloroethane
Concen: 2.750 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:	62	Resp:	14869
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 2.549 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.018 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

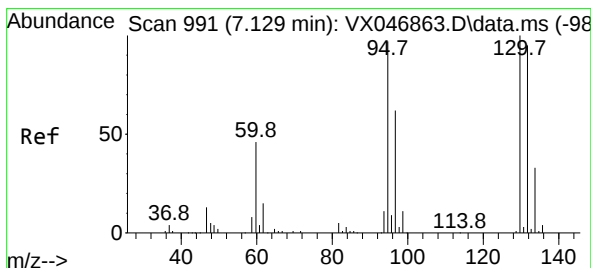
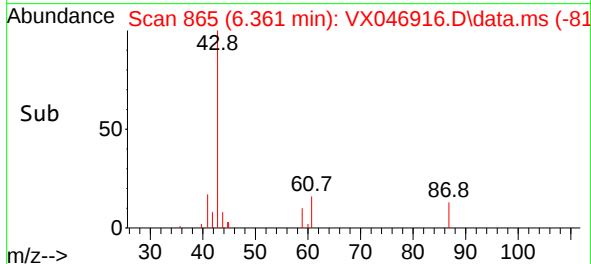
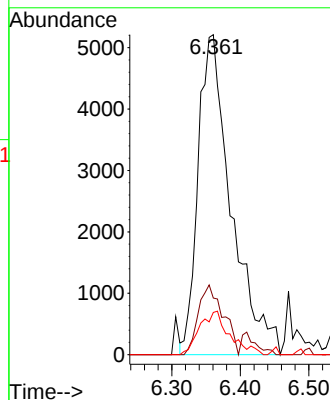
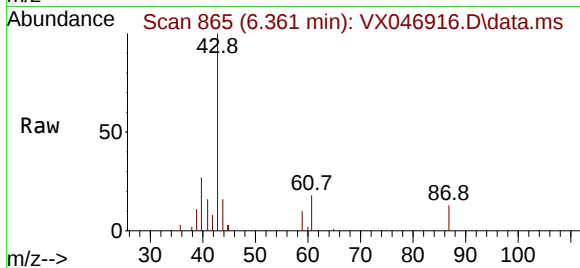
Tgt Ion: 43 Resp: 17507

Ion Ratio Lower Upper

43 100

61 16.4 15.7 23.5

87 12.3 10.1 15.1



#44

Trichloroethene

Concen: 2.676 ug/l

RT: 7.147 min Scan# 994

Delta R.T. 0.018 min

Lab File: VX046916.D

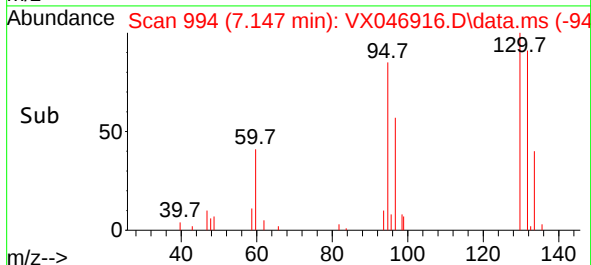
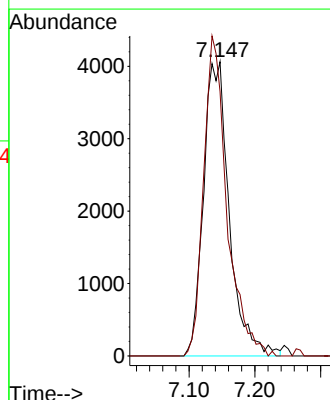
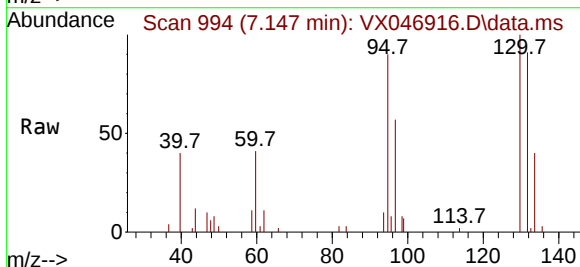
Acq: 08 Jul 2025 12:55

Tgt Ion:130 Resp: 11092

Ion Ratio Lower Upper

130 100

95 98.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 2.544 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

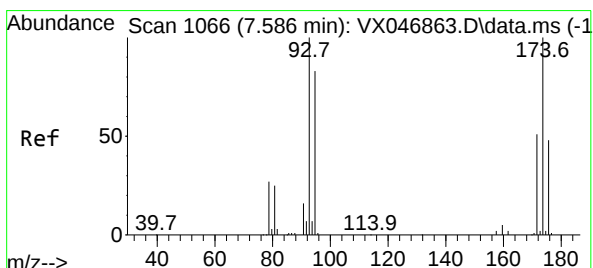
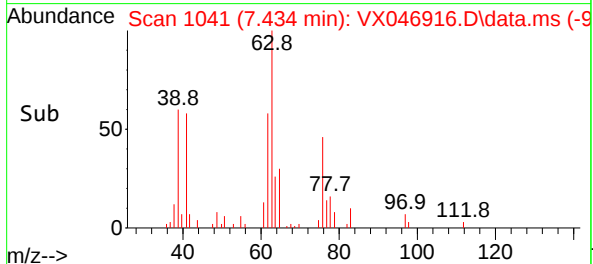
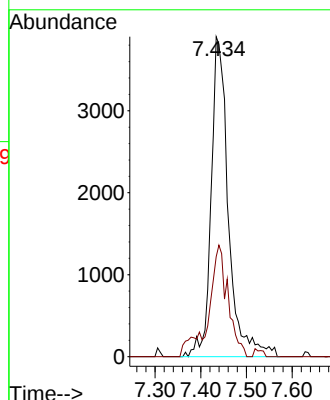
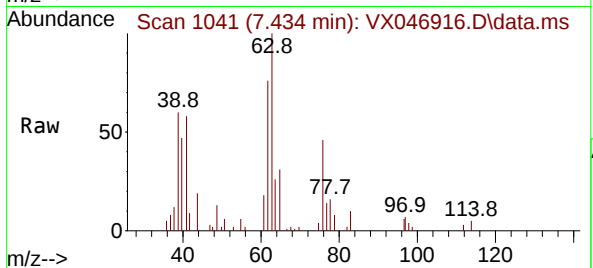
MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 10235

Ion Ratio Lower Upper

63 100

65 24.7 24.2 36.2



#46

Dibromomethane

Concen: 2.739 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

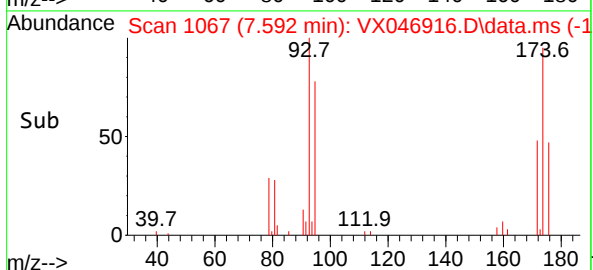
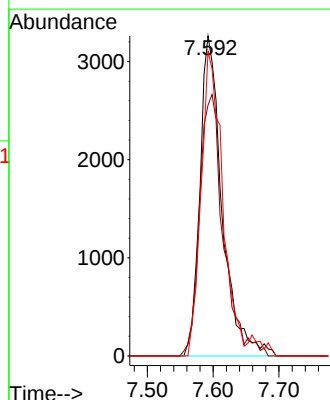
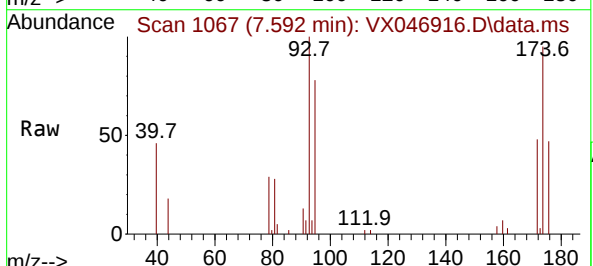
Tgt Ion: 93 Resp: 7633

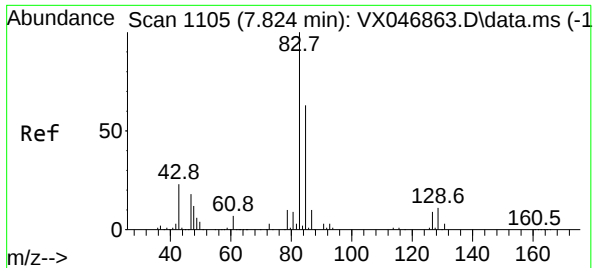
Ion Ratio Lower Upper

93 100

95 87.8 66.6 99.8

174 92.4 77.4 116.2

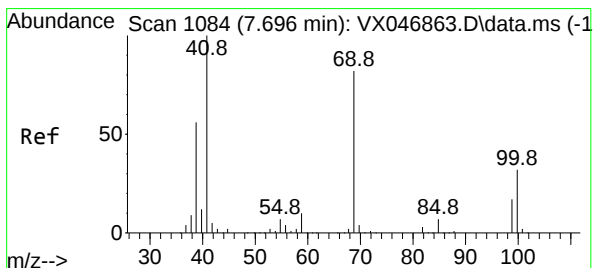
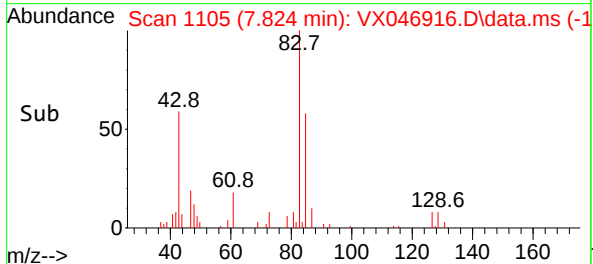
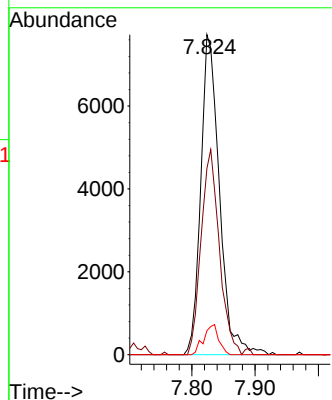
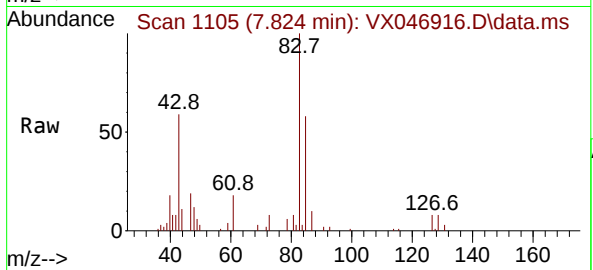




#47
Bromodichloromethane
Concen: 2.666 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

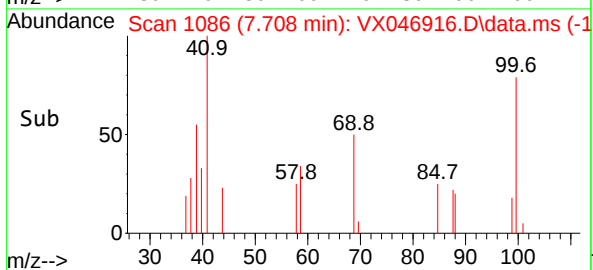
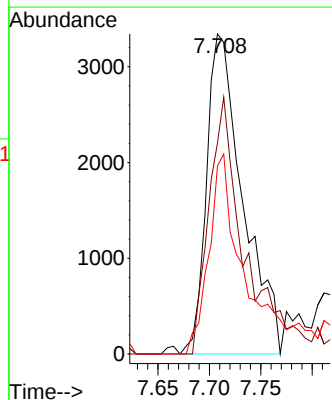
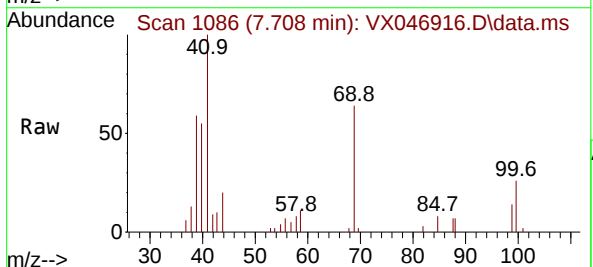
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

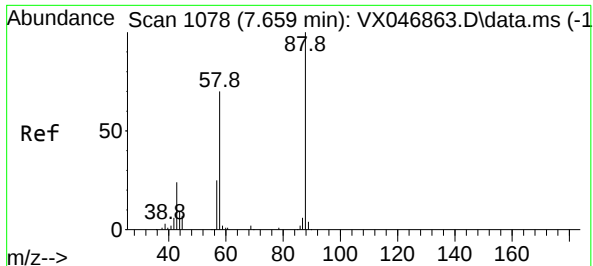
Tgt Ion: 83 Resp: 15867
Ion Ratio Lower Upper
83 100
85 56.6 50.2 75.4
127 7.3 7.1 10.7



#48
Methyl methacrylate
Concen: 2.322 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 41 Resp: 8233
Ion Ratio Lower Upper
41 100
69 78.8 65.8 98.8
39 59.2 43.8 65.6





#49

1,4-Dioxane

Concen: 50.674 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

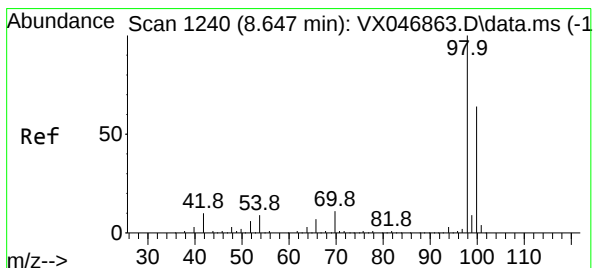
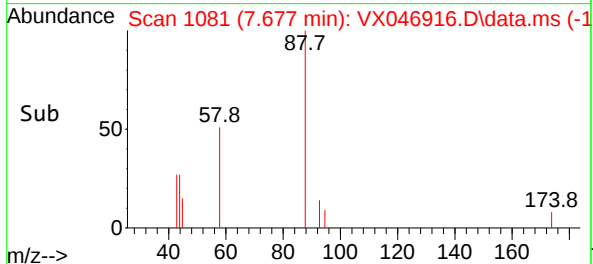
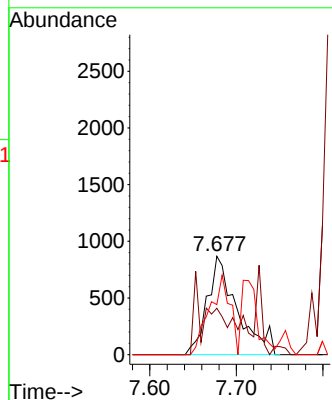
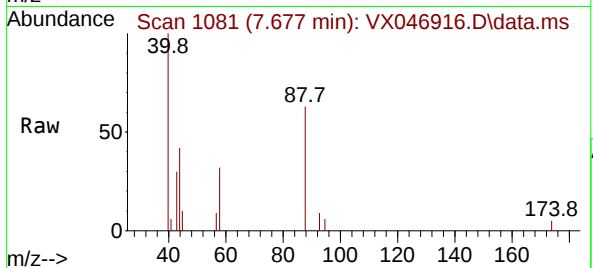
Tgt Ion: 88 Resp: 2082

Ion Ratio Lower Upper

88 100

43 0.0 31.7 47.5#

58 55.4 57.5 86.3#



#50

Toluene-d8

Concen: 52.814 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046916.D

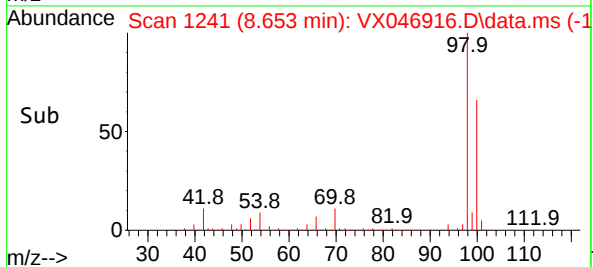
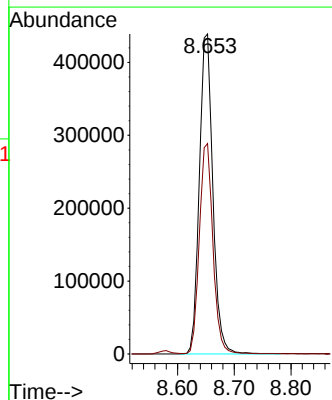
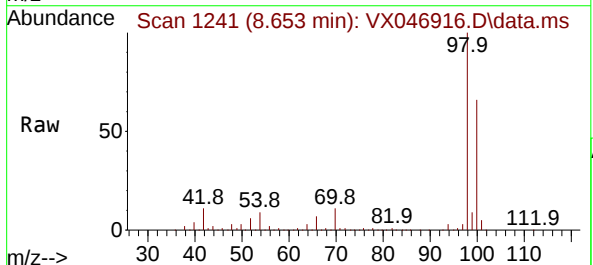
Acq: 08 Jul 2025 12:55

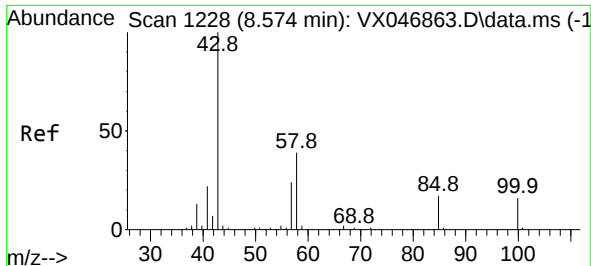
Tgt Ion: 98 Resp: 726997

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6

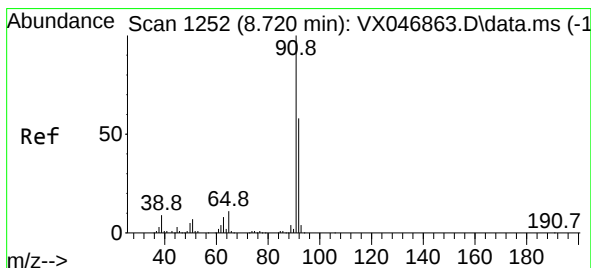
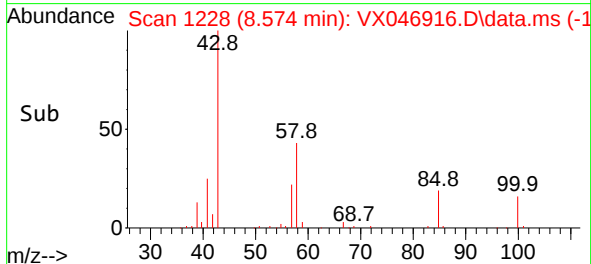
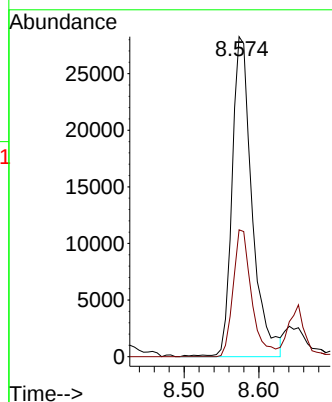
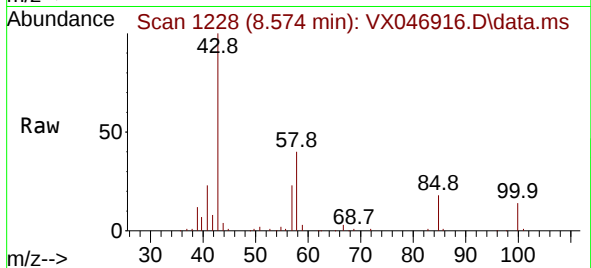




#51
4-Methyl-2-Pentanone
Concen: 12.956 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

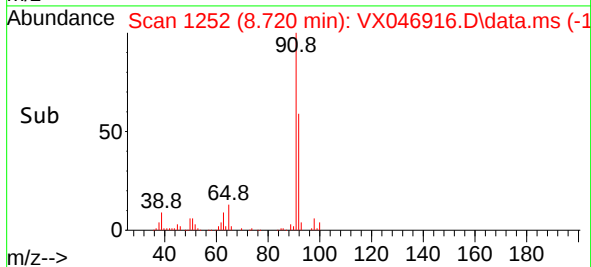
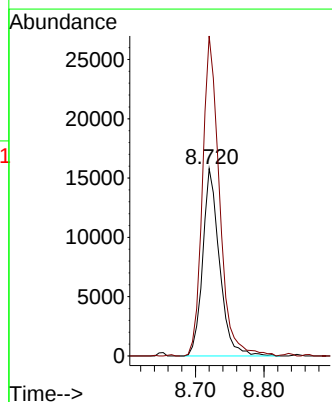
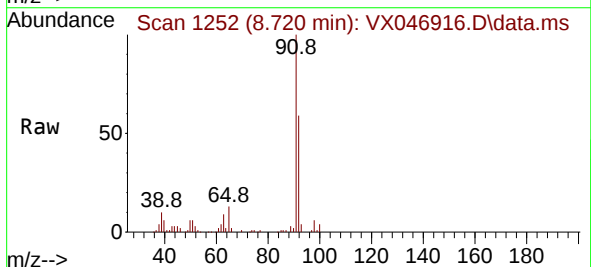
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

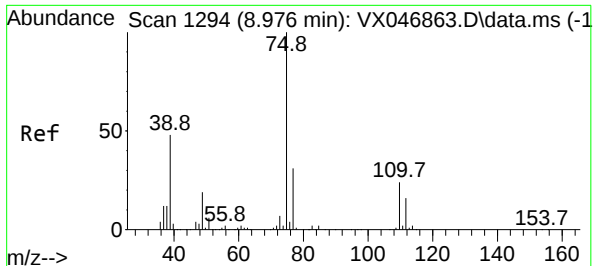
Tgt Ion: 43 Resp: 52510
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6



#52
Toluene
Concen: 2.735 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 92 Resp: 26983
Ion Ratio Lower Upper
92 100
91 172.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 2.297 ug/l

RT: 8.988 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

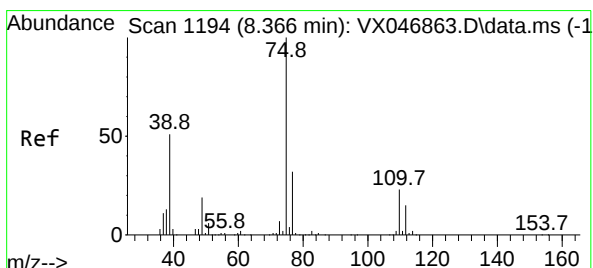
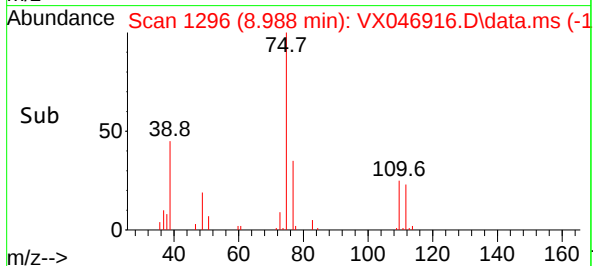
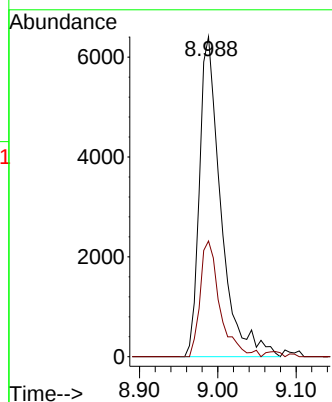
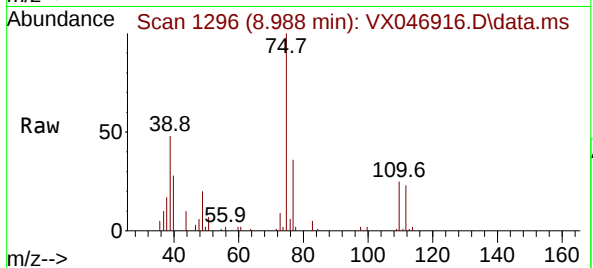
MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 12200

Ion Ratio Lower Upper

75 100

77 38.0 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 2.380 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

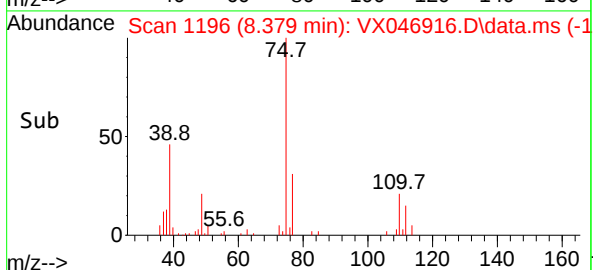
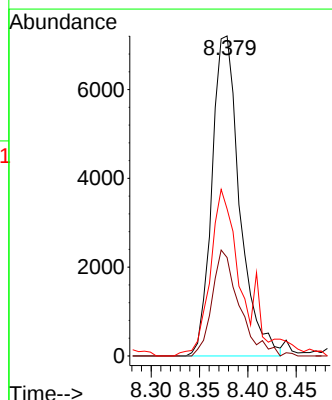
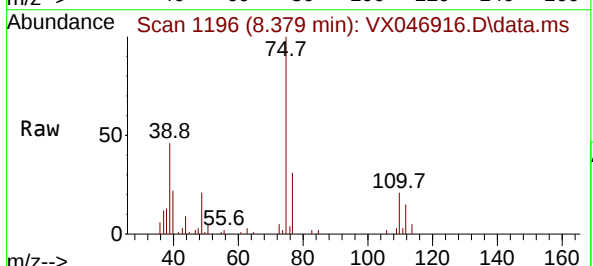
Tgt Ion: 75 Resp: 14428

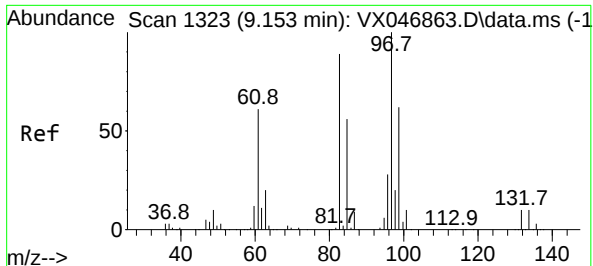
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

39 40.7 40.7 61.1#

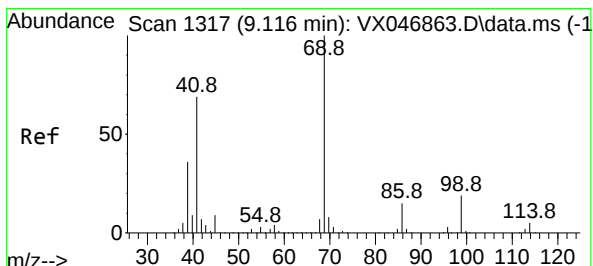
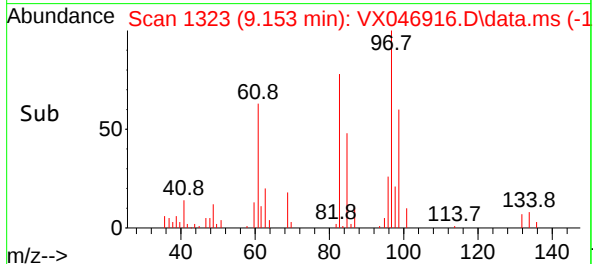
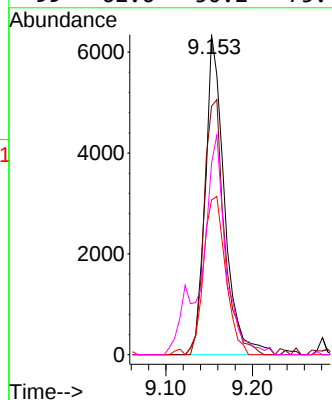
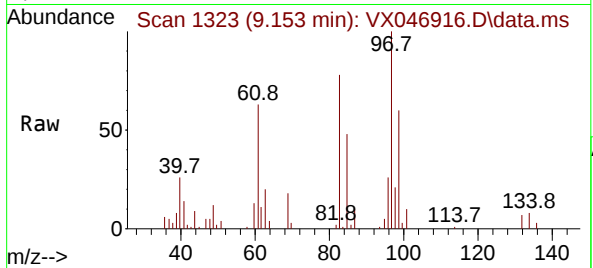




#55
1,1,2-Trichloroethane
Concen: 2.664 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

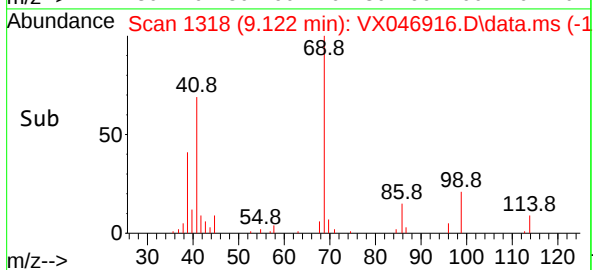
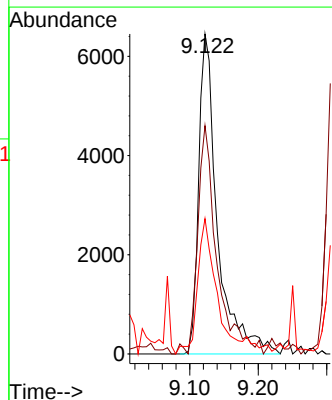
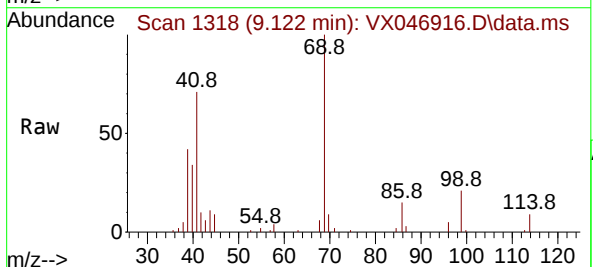
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

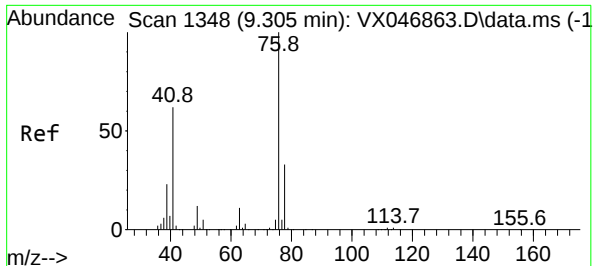
Tgt Ion:	97	Resp:	9790
Ion	Ratio	Lower	Upper
97	100		
83	78.5	70.9	106.3
85	48.3	44.6	67.0
99	62.6	50.2	75.4



#56
Ethyl methacrylate
Concen: 2.424 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:	69	Resp:	12329
Ion	Ratio	Lower	Upper
69	100		
41	72.7	54.6	82.0
39	42.0	28.7	43.1

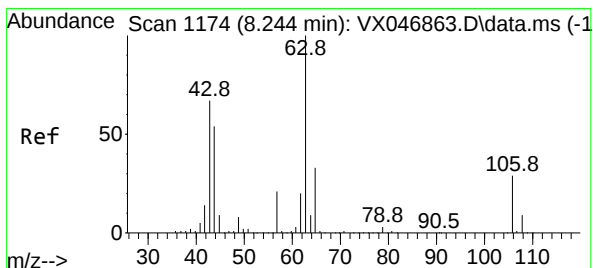
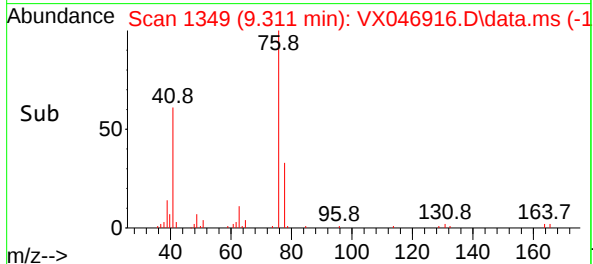
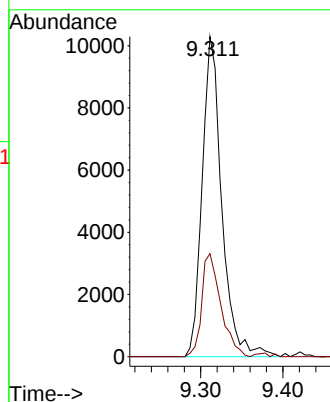
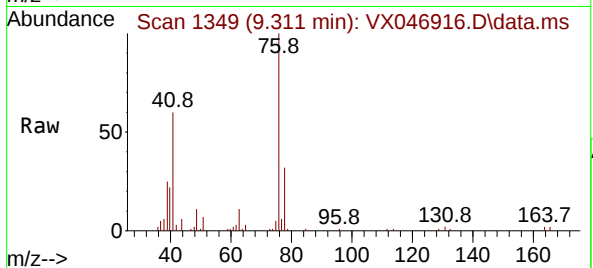




#57
1,3-Dichloropropane
Concen: 2.695 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

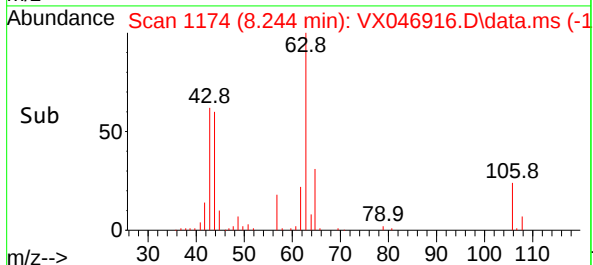
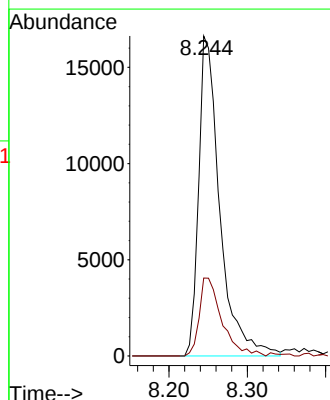
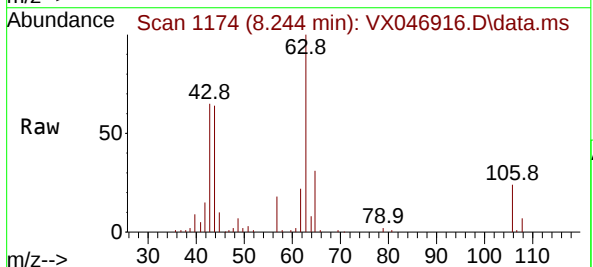
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

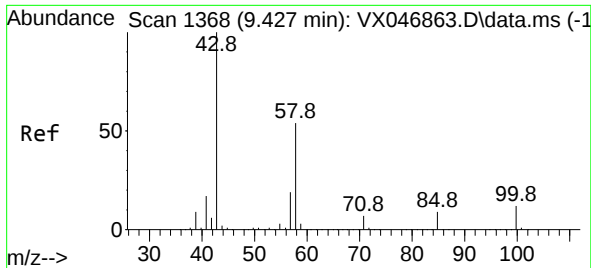
Tgt Ion: 76 Resp: 17052
Ion Ratio Lower Upper
76 100
78 31.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 10.900 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 63 Resp: 31238
Ion Ratio Lower Upper
63 100
106 25.8 22.6 33.8

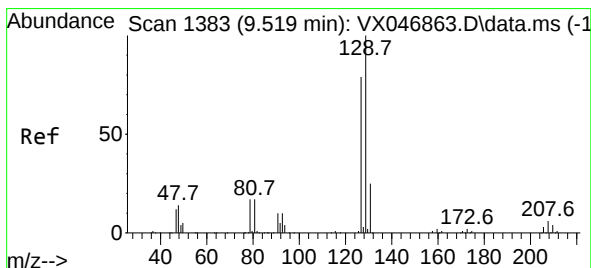
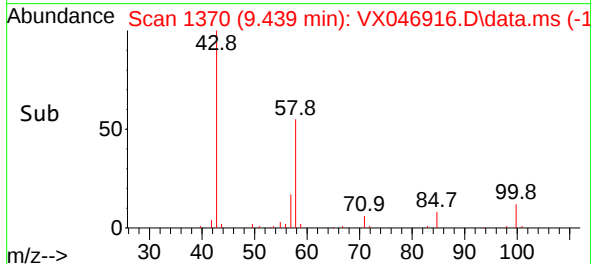
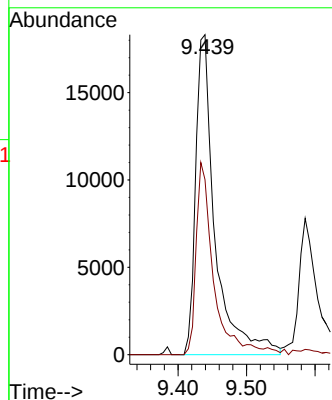
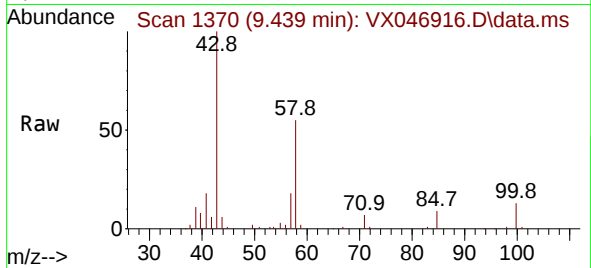




#59
2-Hexanone
Concen: 13.411 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

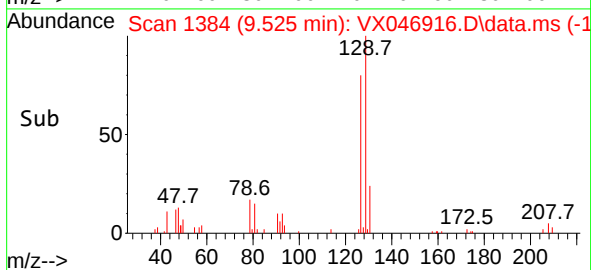
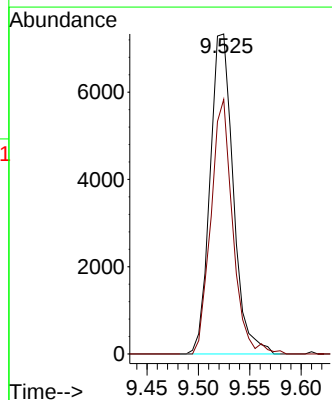
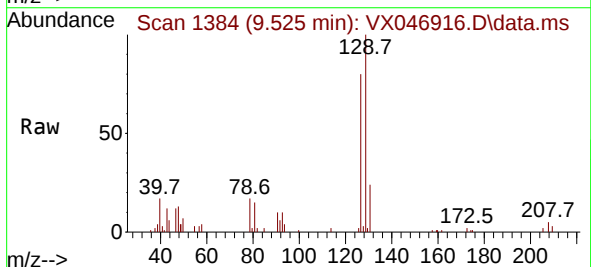
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

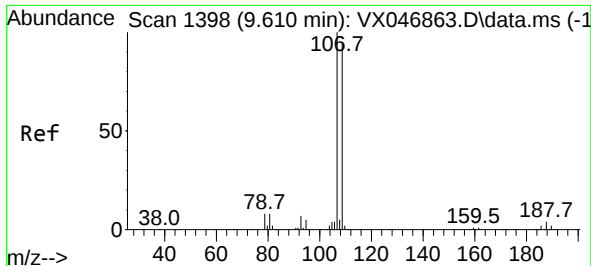
Tgt Ion: 43 Resp: 36051
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3



#60
Dibromochloromethane
Concen: 2.619 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 129 Resp: 11520
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.5

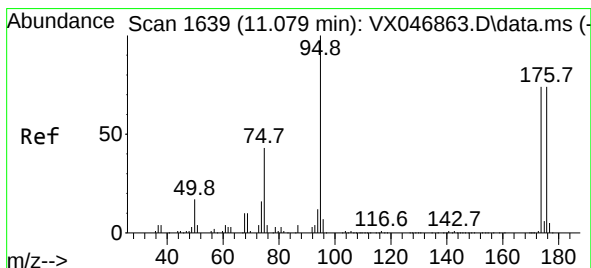
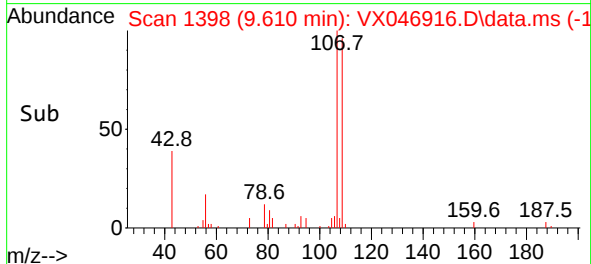
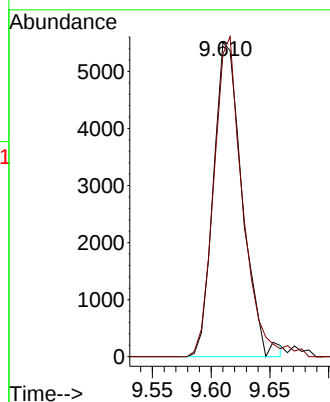
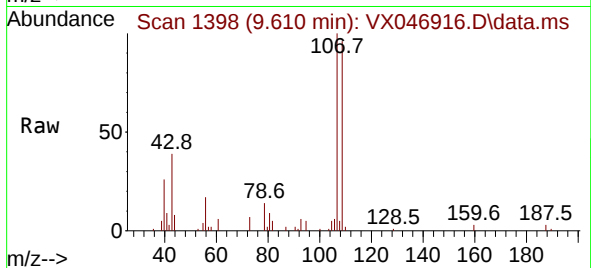




#61
1,2-Dibromoethane
Concen: 2.537 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

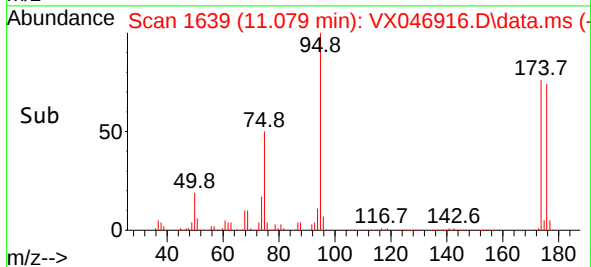
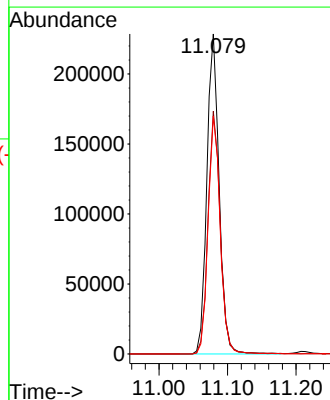
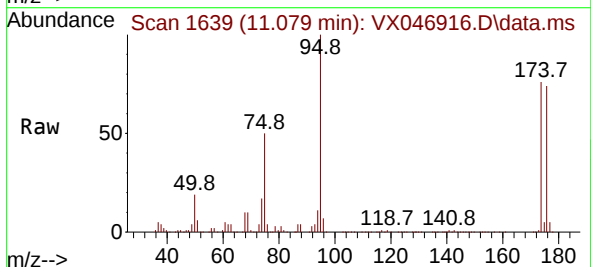
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

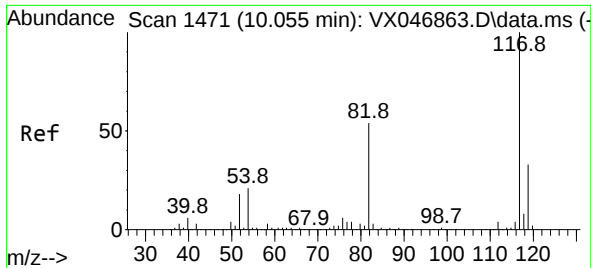
Tgt Ion:107 Resp: 9362
Ion Ratio Lower Upper
107 100
109 102.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 95 Resp: 284344
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.0
176 73.6 0.0 145.2

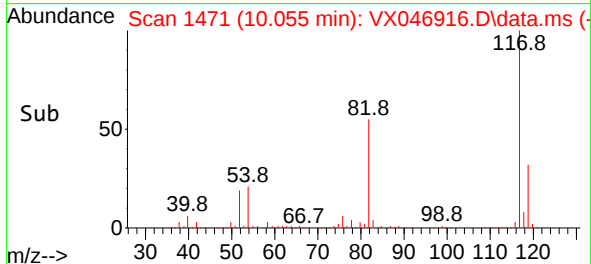
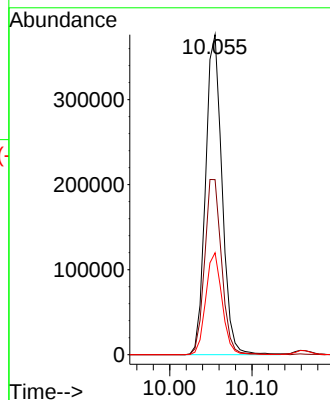
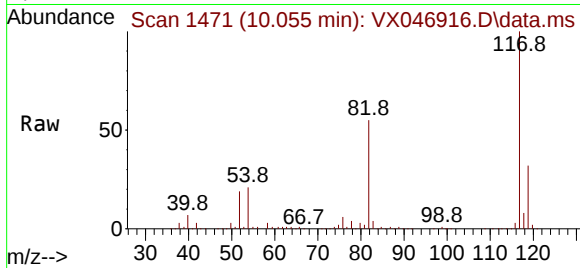




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

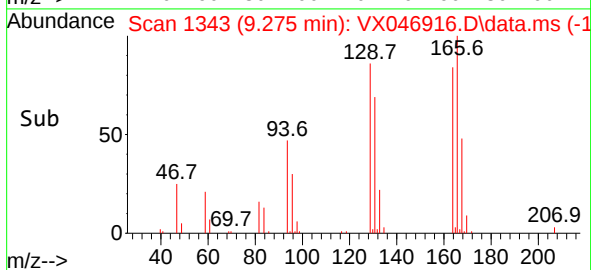
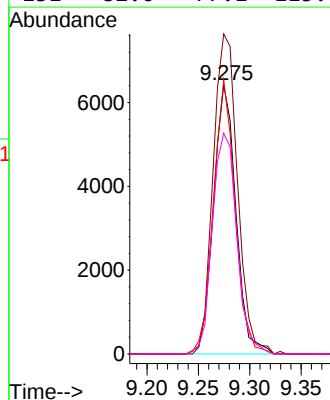
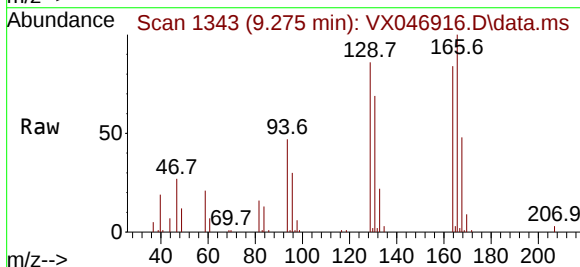
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

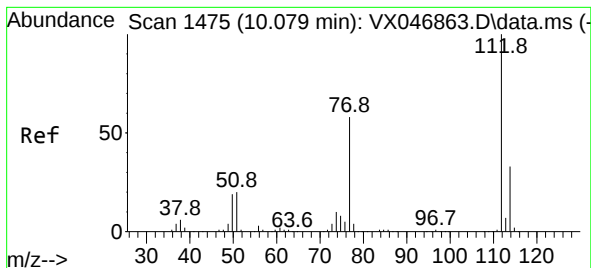
Tgt	Ion:117	Resp:	523603
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.3	64.9
119	31.9	26.4	39.6



#64
Tetrachloroethene
Concen: 2.786 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:164	Resp: 9712
Ion Ratio	Lower Upper
164 100	
166 118.8	107.0 160.6
129 101.7	79.7 119.5
131 82.0	77.1 115.7





#65

Chlorobenzene

Concen: 2.788 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

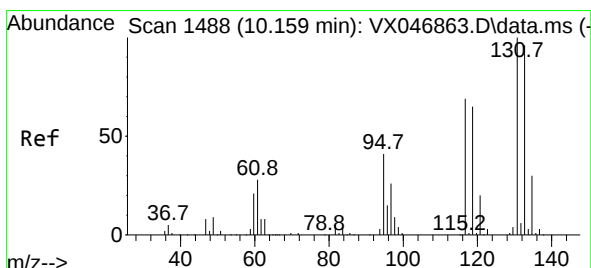
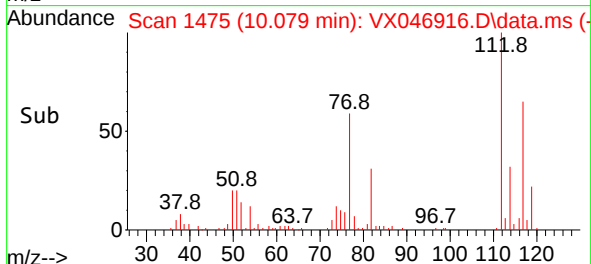
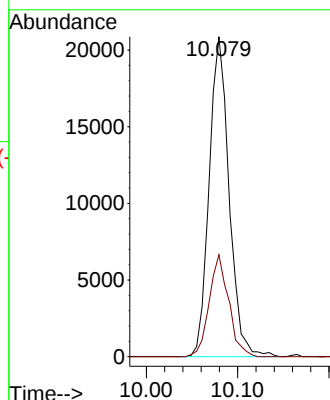
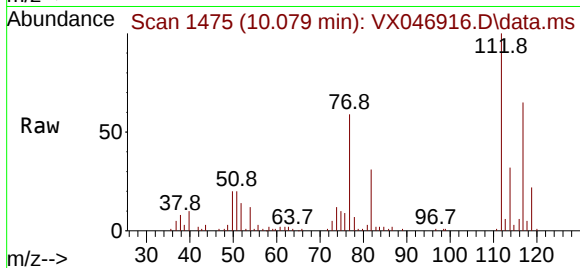
MDL-WATER-03-QT2-2025

Tgt Ion:112 Resp: 31561

Ion Ratio Lower Upper

112 100

114 31.9 26.3 39.5



#66

1,1,1,2-Tetrachloroethane

Concen: 2.545 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

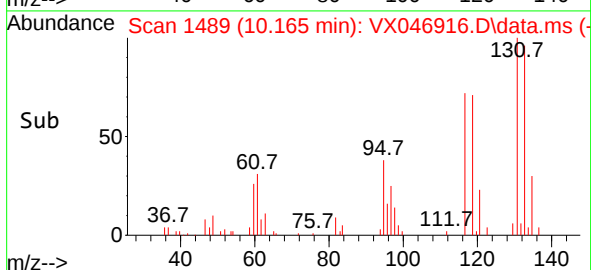
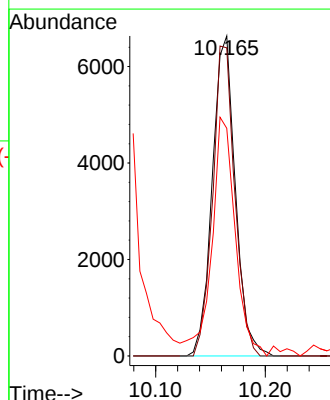
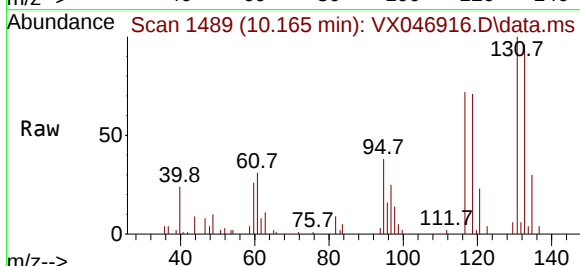
Tgt Ion:131 Resp: 9685

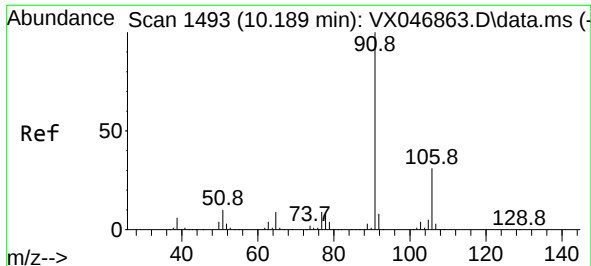
Ion Ratio Lower Upper

131 100

133 93.5 47.6 142.9

119 75.8 32.4 97.2





#67

Ethyl Benzene

Concen: 2.624 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

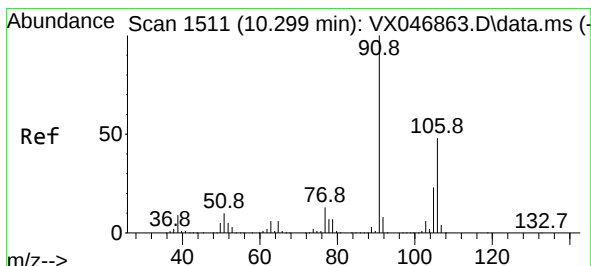
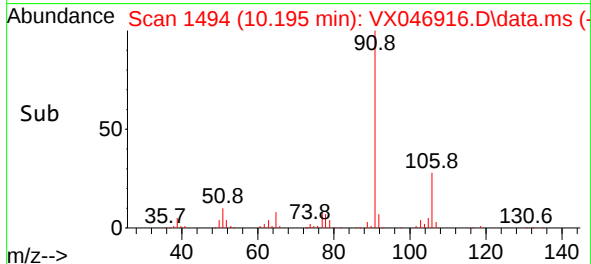
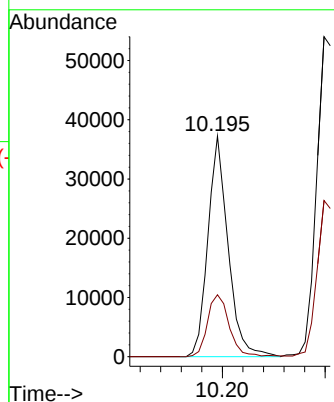
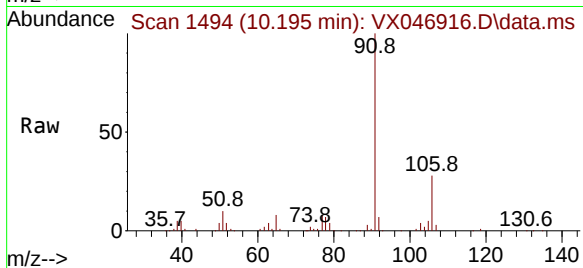
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 50872

Ion Ratio Lower Upper

91 100

106 28.1 24.4 36.6



#68

m/p-Xylenes

Concen: 5.348 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046916.D

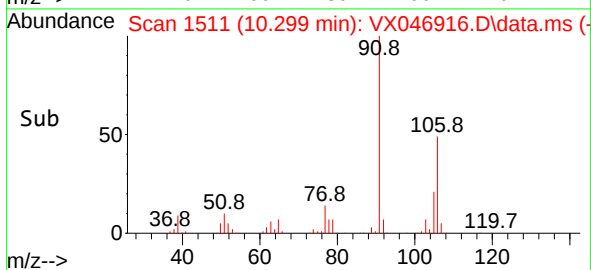
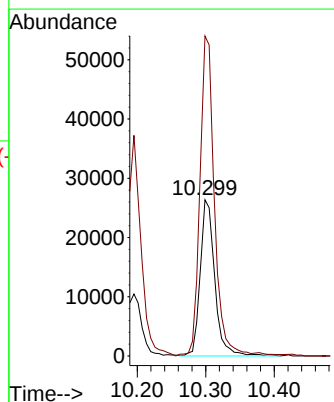
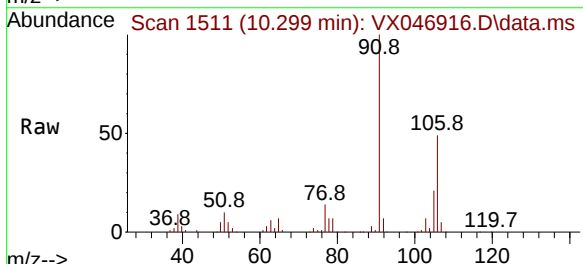
Acq: 08 Jul 2025 12:55

Tgt Ion:106 Resp: 39071

Ion Ratio Lower Upper

106 100

91 205.1 164.6 246.8

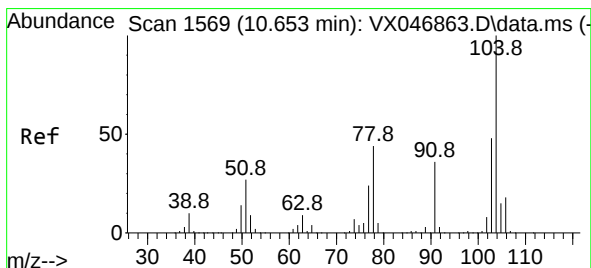
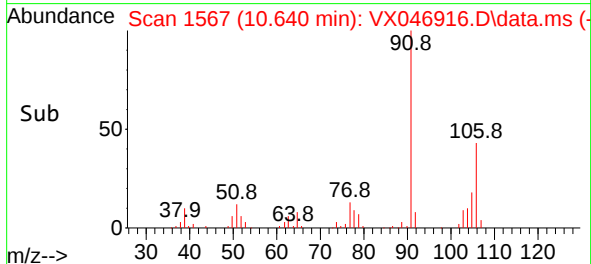
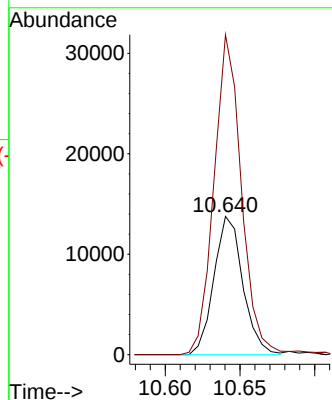
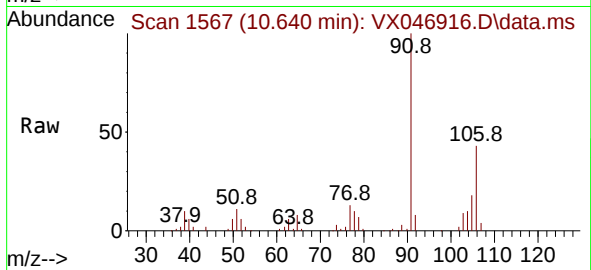




#69
o-Xylene
Concen: 2.621 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

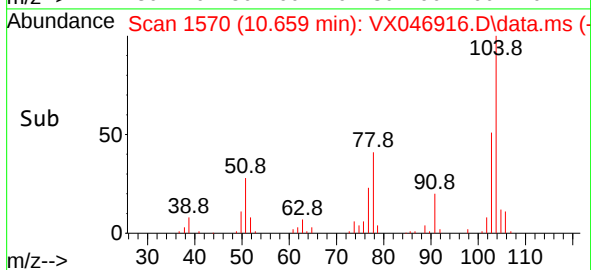
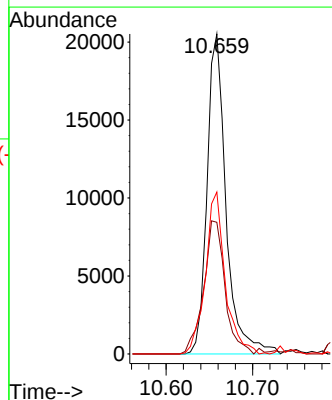
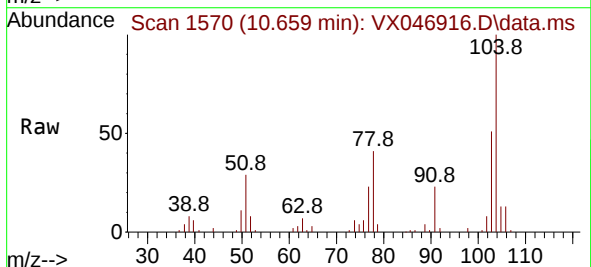
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

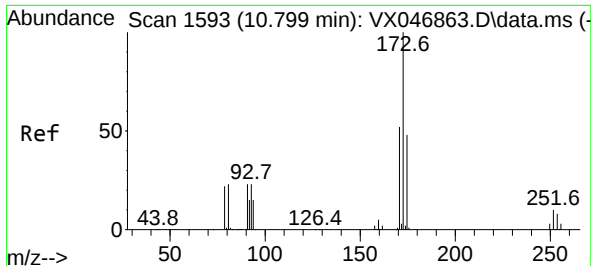
Tgt Ion:106 Resp: 18498
Ion Ratio Lower Upper
106 100
91 221.1 109.5 328.5



#70
Styrene
Concen: 2.582 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:104 Resp: 31170
Ion Ratio Lower Upper
104 100
78 47.0 40.3 60.5
103 53.0 42.8 64.2

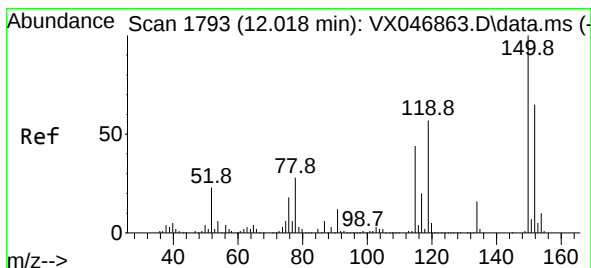
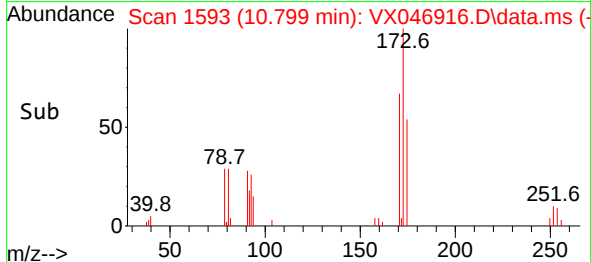
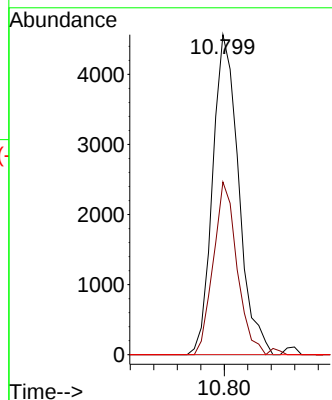
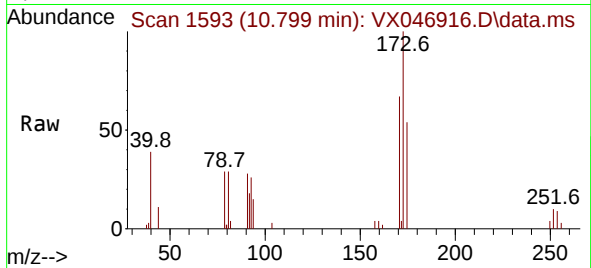




#71
Bromoform
Concen: 2.479 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

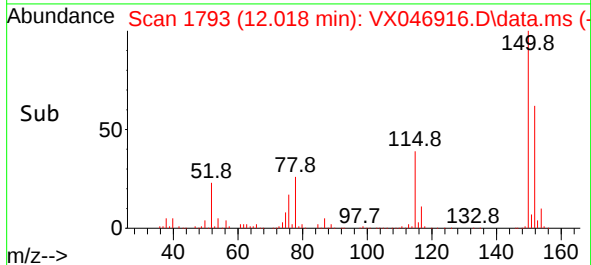
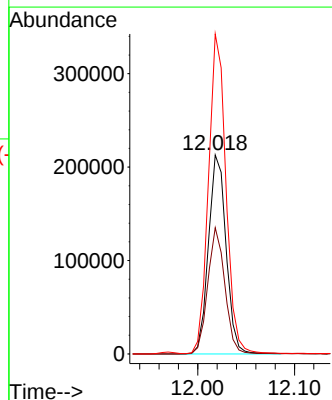
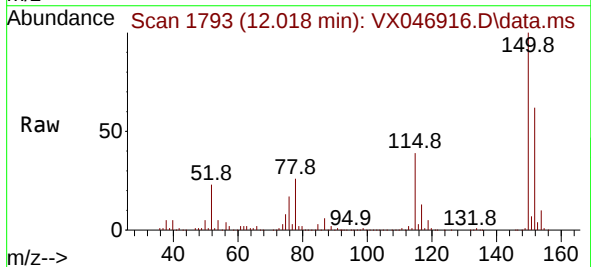
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

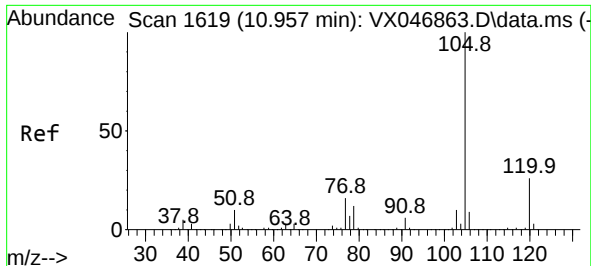
Tgt Ion:173 Resp: 7015
Ion Ratio Lower Upper
173 100
175 49.8 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:152 Resp: 271104
Ion Ratio Lower Upper
152 100
115 61.9 42.4 127.1
150 158.8 0.0 349.2

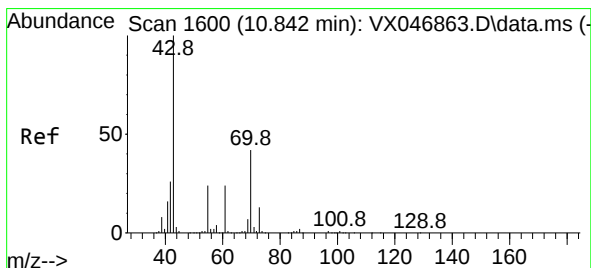
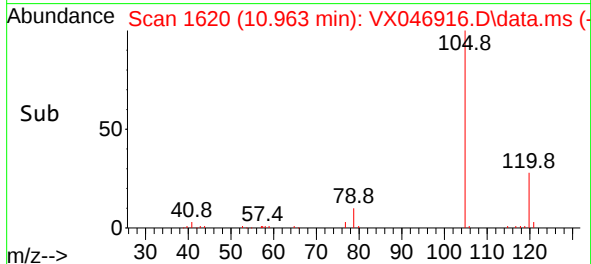
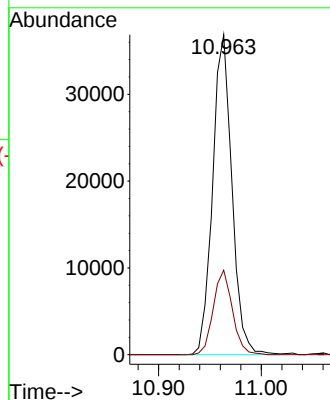
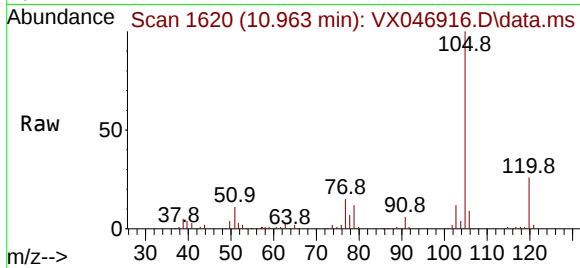




#73
Isopropylbenzene
Concen: 2.519 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

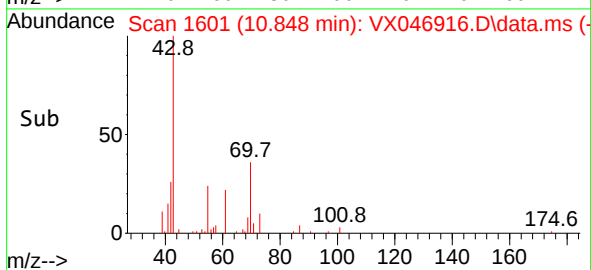
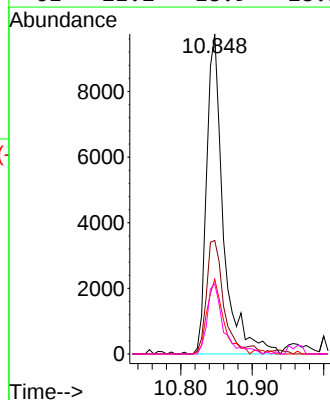
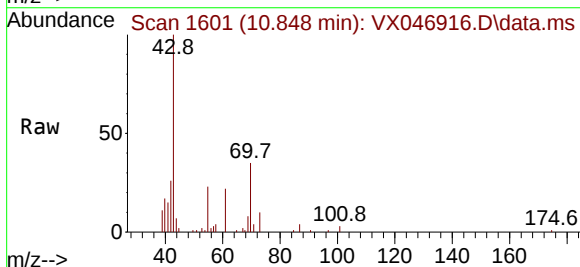
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

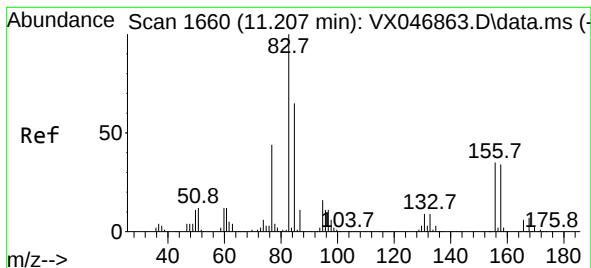
Tgt Ion:105 Resp: 48009
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 2.454 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 43 Resp: 15893
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.2
55 22.8 19.6 29.4
61 21.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 2.743 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

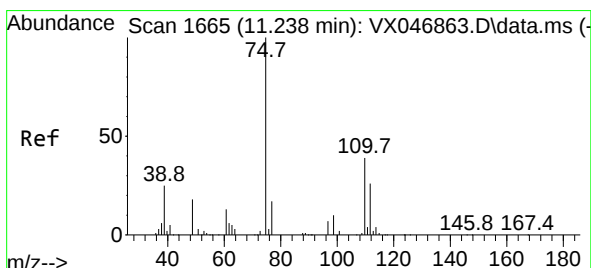
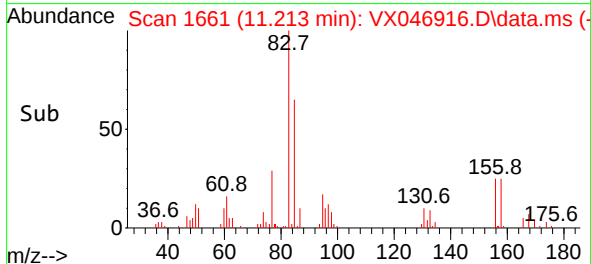
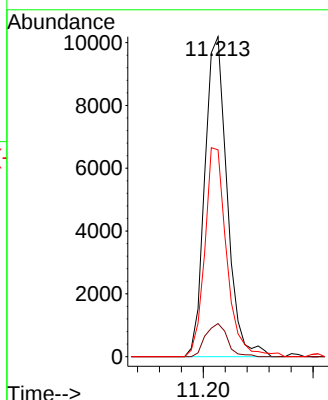
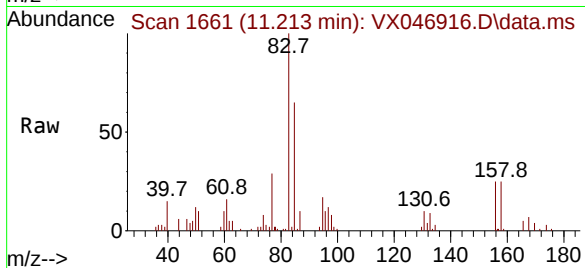
Tgt Ion: 83 Resp: 14376

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.1 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 2.601 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046916.D

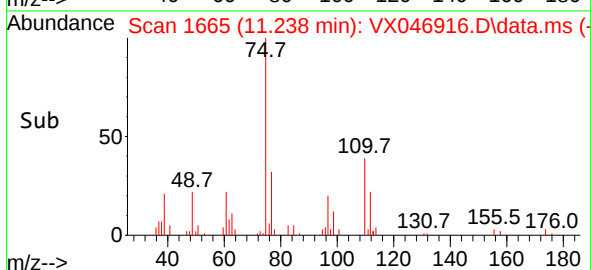
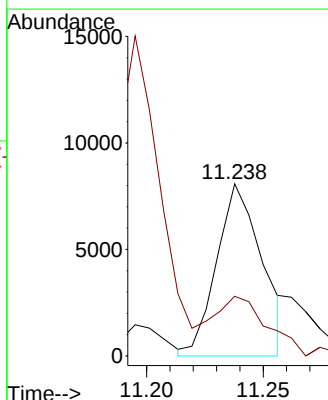
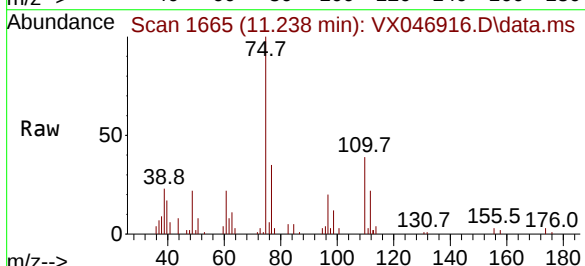
Acq: 08 Jul 2025 12:55

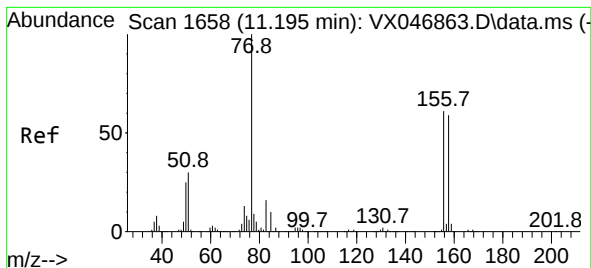
Tgt Ion: 75 Resp: 10897

Ion Ratio Lower Upper

75 100

77 36.5 20.6 61.8





#77

Bromobenzene

Concen: 2.724 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

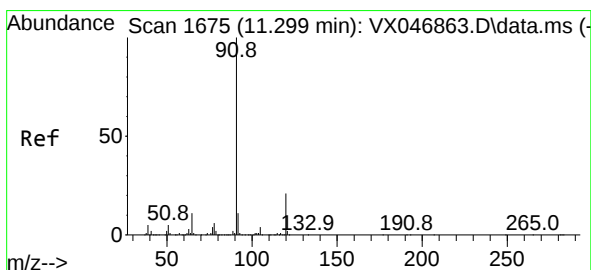
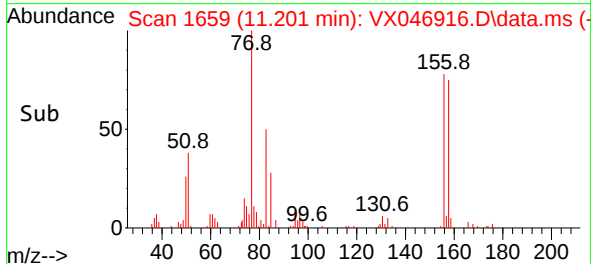
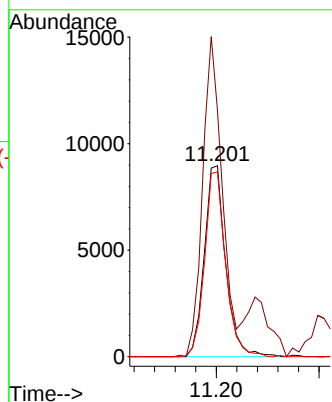
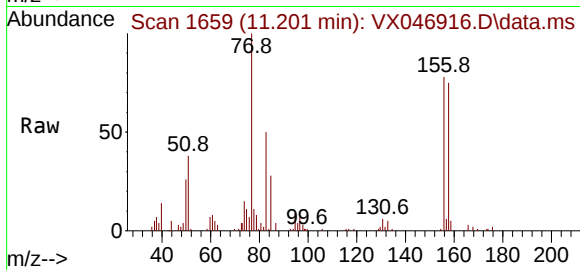
Tgt Ion:156 Resp: 12932

Ion Ratio Lower Upper

156 100

77 152.6 82.3 247.0

158 95.5 47.5 142.6



#78

n-propylbenzene

Concen: 2.557 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046916.D

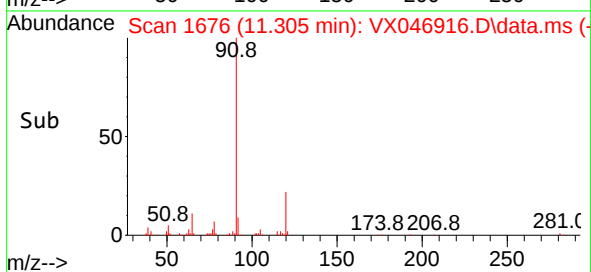
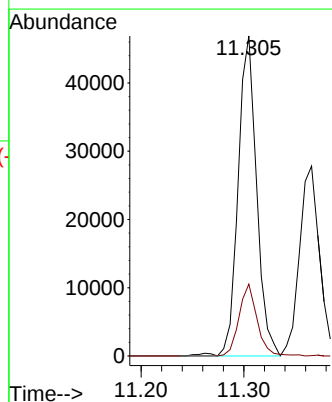
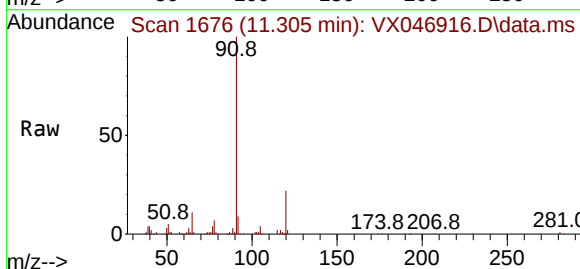
Acq: 08 Jul 2025 12:55

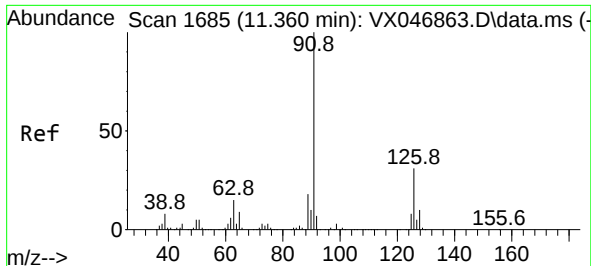
Tgt Ion: 91 Resp: 58760

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 2.790 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

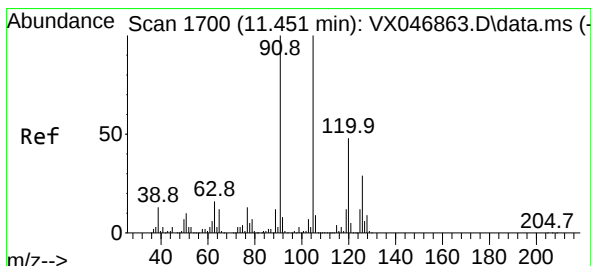
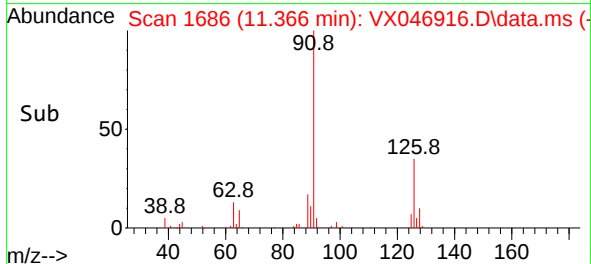
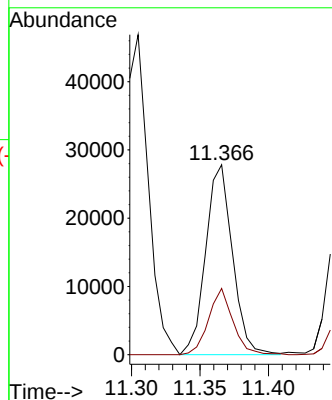
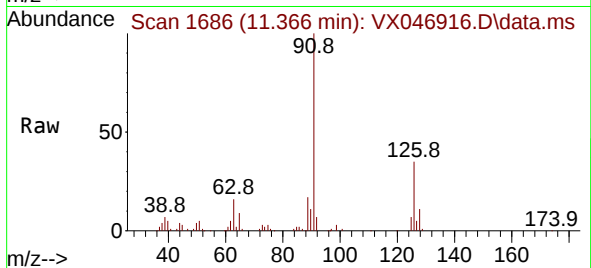
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 37863

Ion Ratio Lower Upper

91 100

126 31.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 2.586 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046916.D

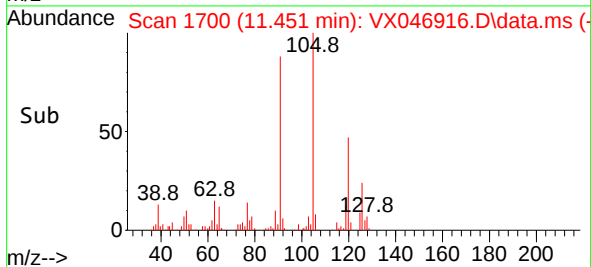
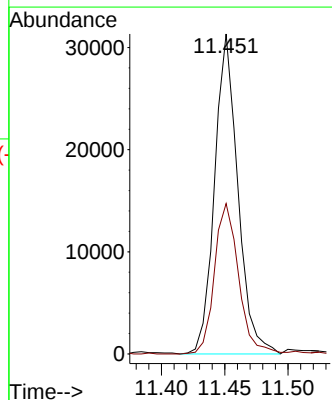
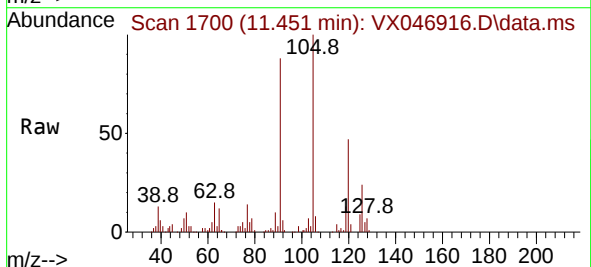
Acq: 08 Jul 2025 12:55

Tgt Ion:105 Resp: 40044

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

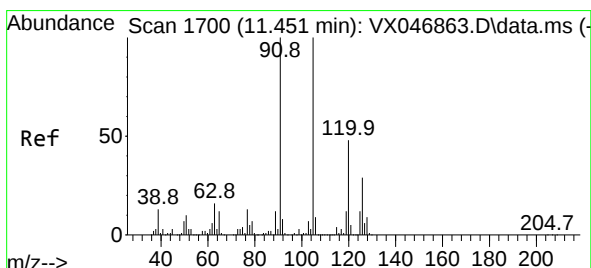
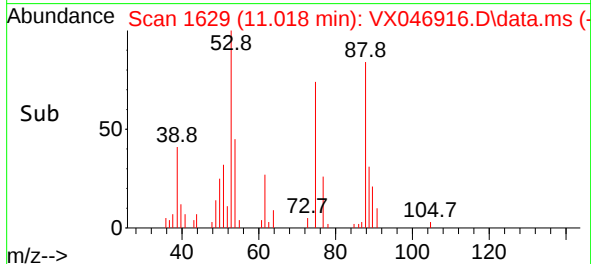
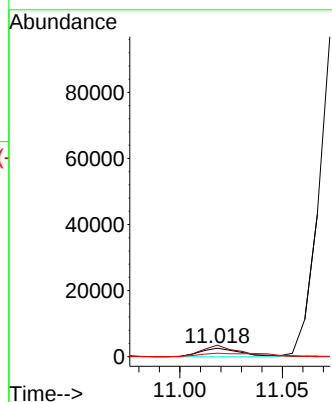
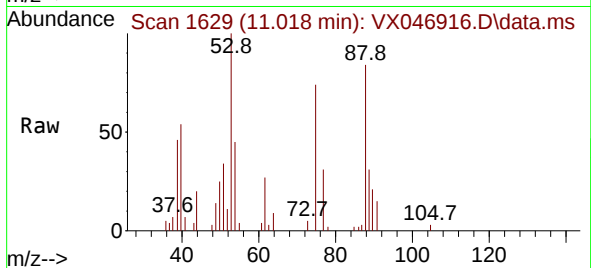




#81
trans-1,4-Dichloro-2-butene
Concen: 2.229 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

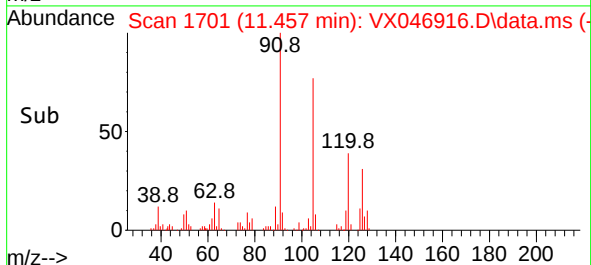
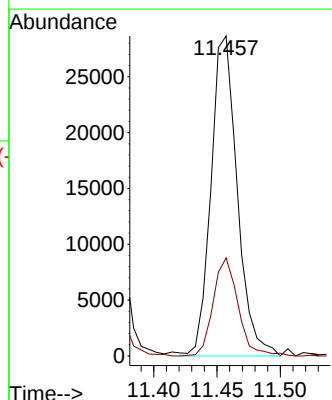
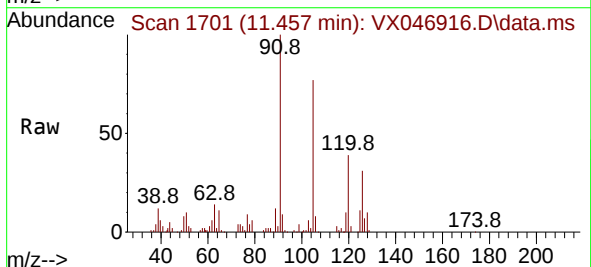
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

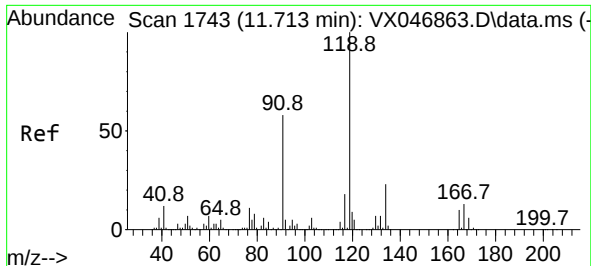
Tgt Ion: 75 Resp: 3479
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 2.642 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 91 Resp: 41362
Ion Ratio Lower Upper
91 100
126 29.0 14.6 44.0

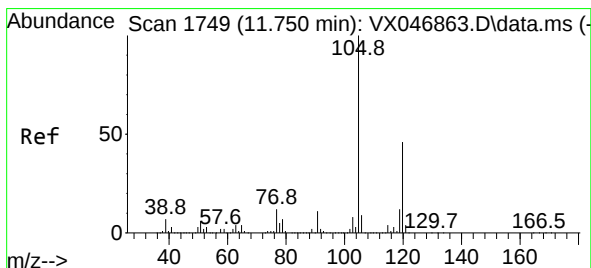
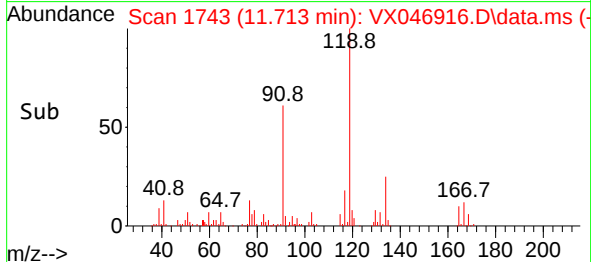
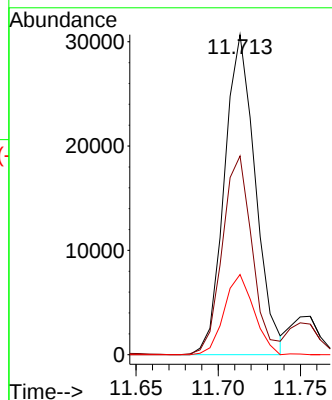
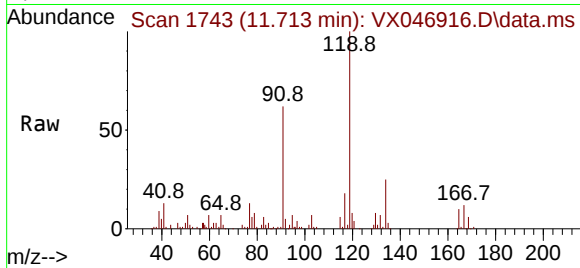




#83
tert-Butylbenzene
Concen: 2.507 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

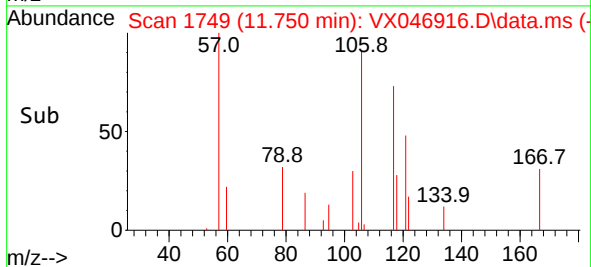
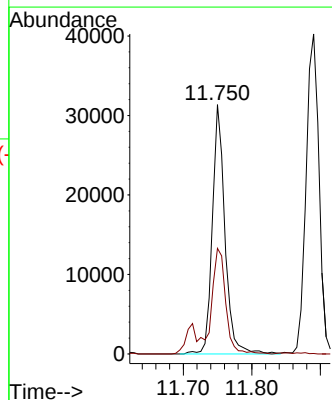
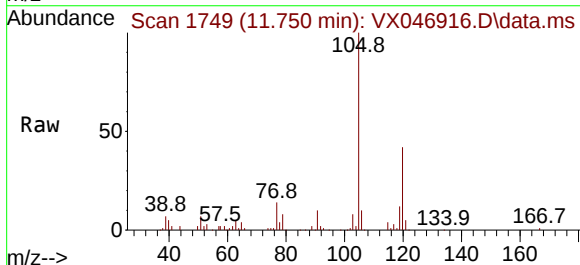
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

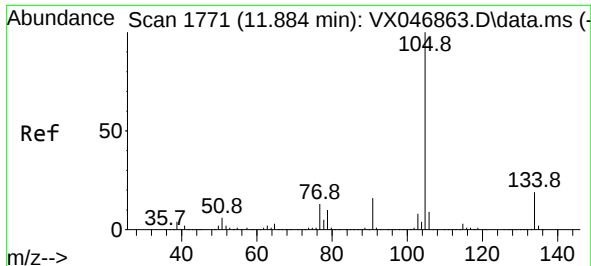
Tgt Ion:119 Resp: 40091
Ion Ratio Lower Upper
119 100
91 60.4 28.7 86.3
134 24.2 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 2.566 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:105 Resp: 40163
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8

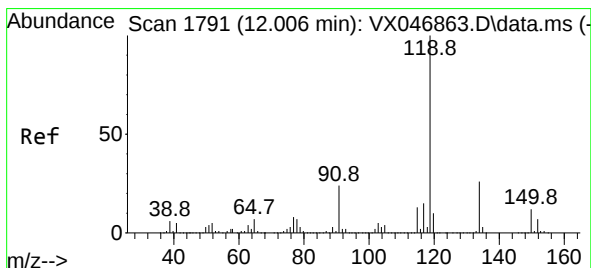
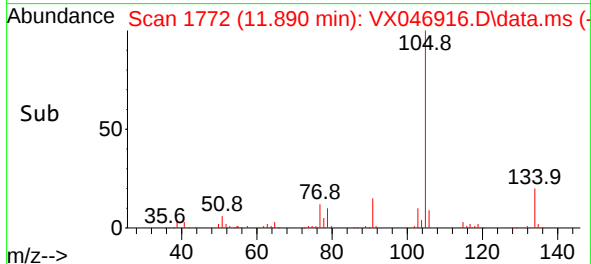
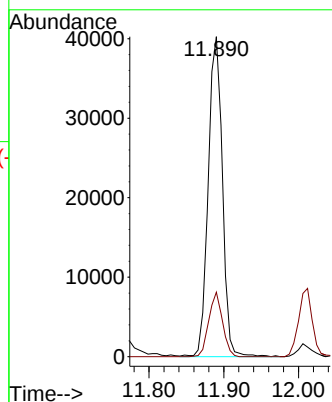
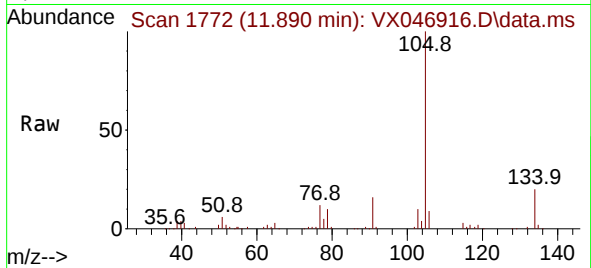




#85
 sec-Butylbenzene
 Concen: 2.628 ug/l
 RT: 11.890 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

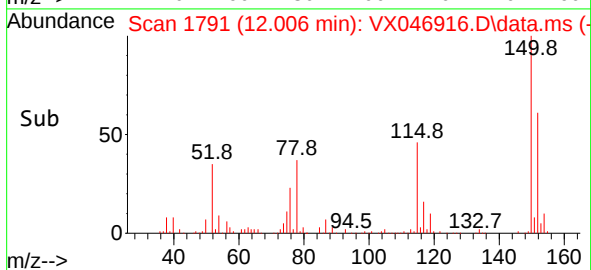
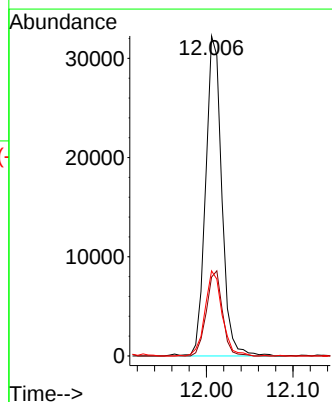
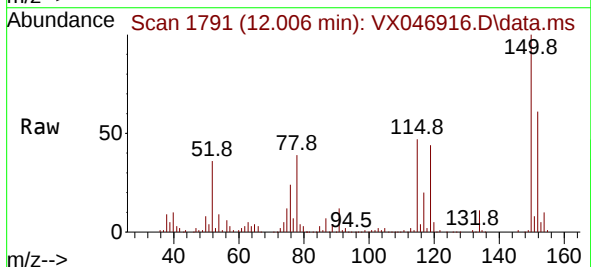
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 52989
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 2.468 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

Tgt Ion:119 Resp: 41678
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 28.2 12.0 36.1

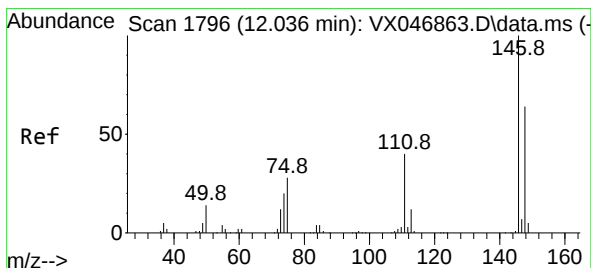
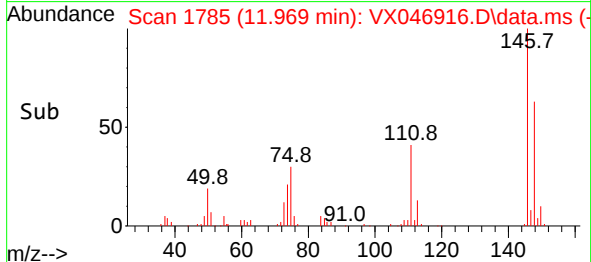
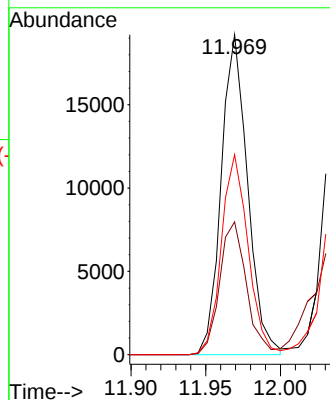
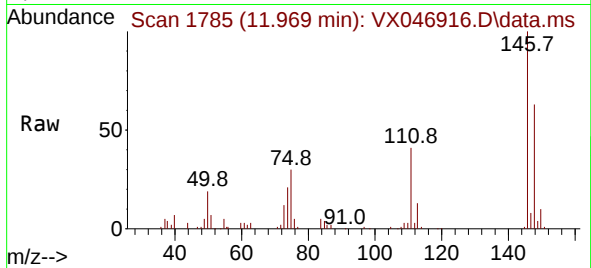




#87
 1,3-Dichlorobenzene
 Concen: 2.651 ug/l
 RT: 11.969 min Scan# 1784
 Delta R.T. 0.006 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

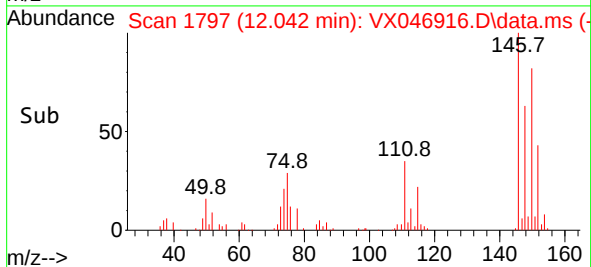
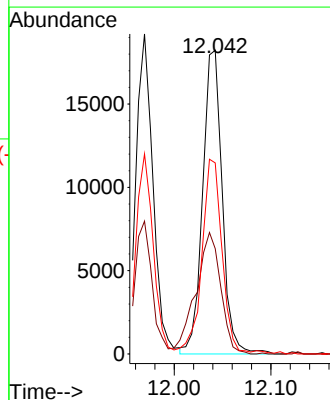
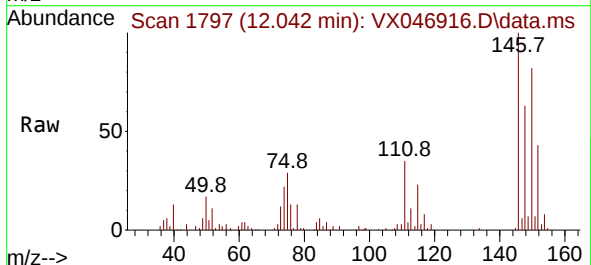
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

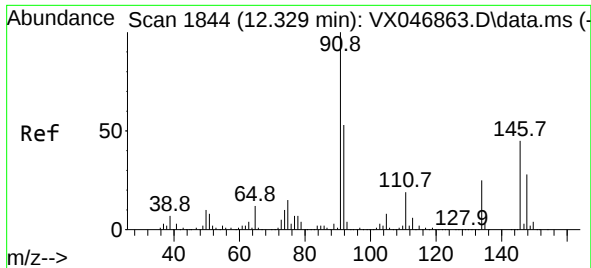
Tgt Ion:146 Resp: 23532
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.6
 148 63.4 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 2.779 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VX046916.D
 Acq: 08 Jul 2025 12:55

Tgt Ion:146 Resp: 25680
 Ion Ratio Lower Upper
 146 100
 111 51.2 20.2 60.5
 148 64.5 32.4 97.0

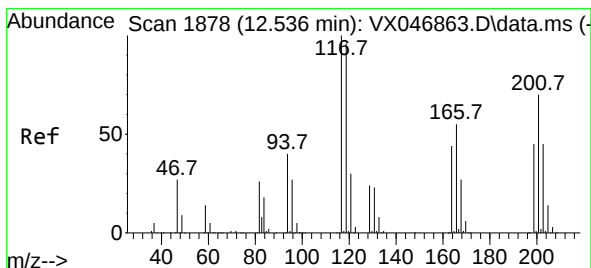
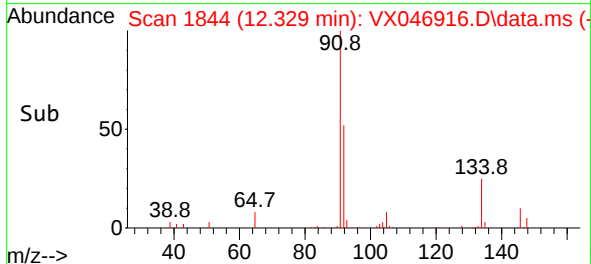
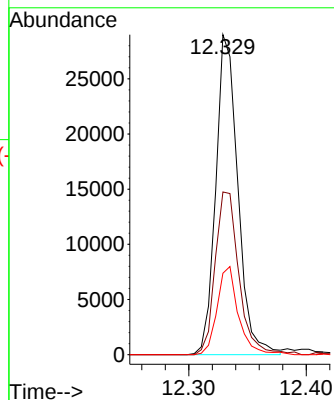
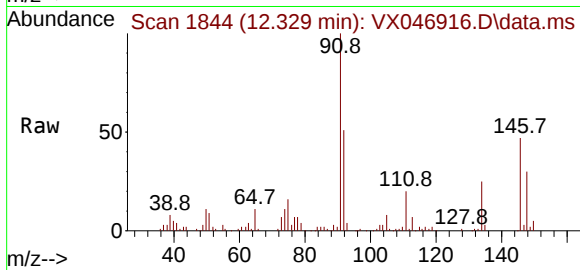




#89
n-Butylbenzene
Concen: 2.393 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

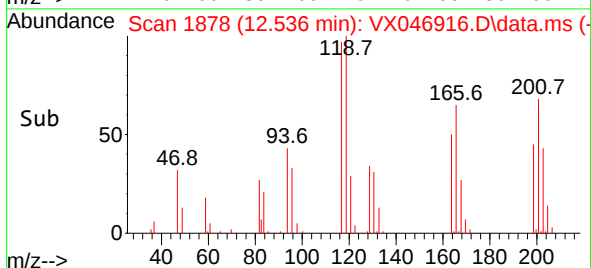
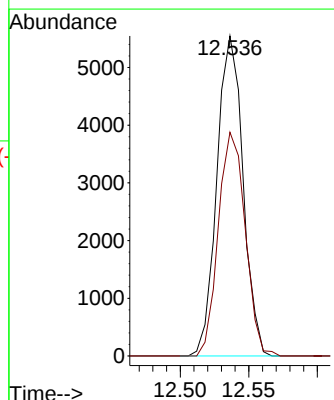
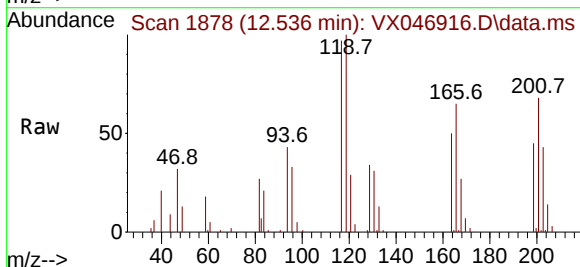
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

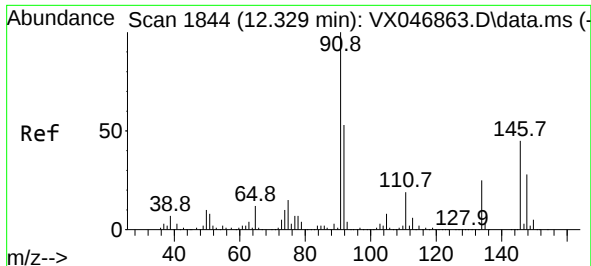
Tgt Ion: 91 Resp: 37963
Ion Ratio Lower Upper
91 100
92 54.8 27.0 81.0
134 26.6 12.8 38.4



#90
Hexachloroethane
Concen: 2.455 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 117 Resp: 7349
Ion Ratio Lower Upper
117 100
201 72.0 35.8 107.4

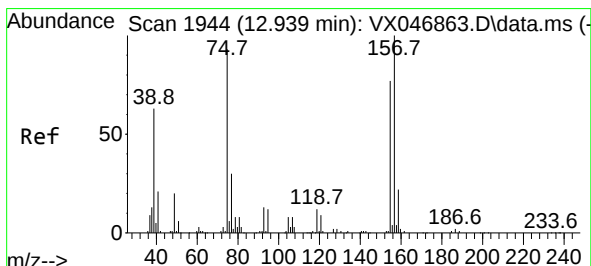
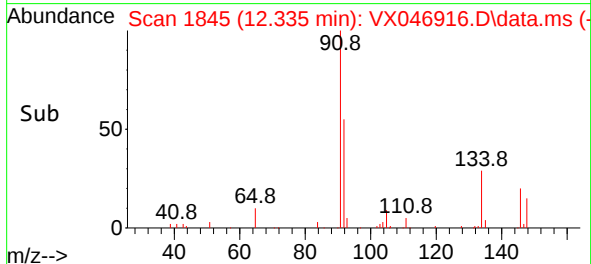
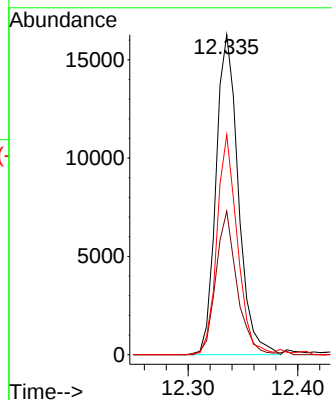
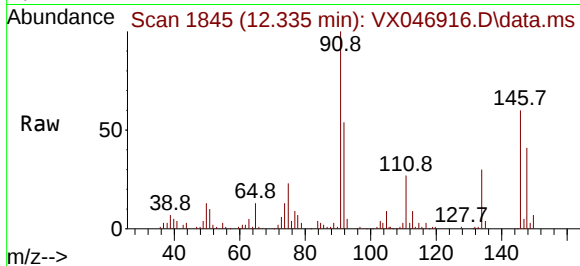




#91
1,2-Dichlorobenzene
Concen: 2.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

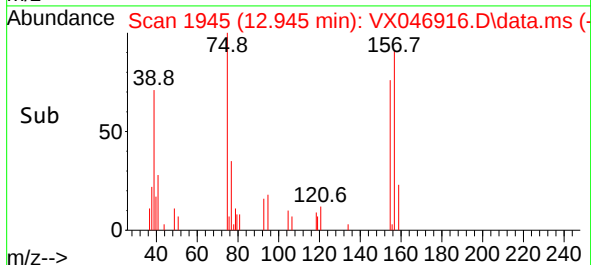
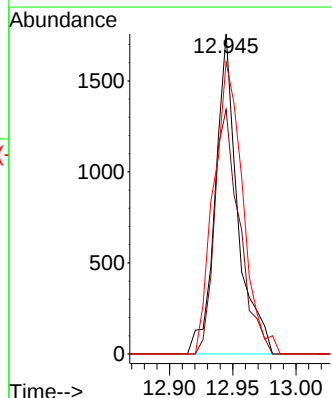
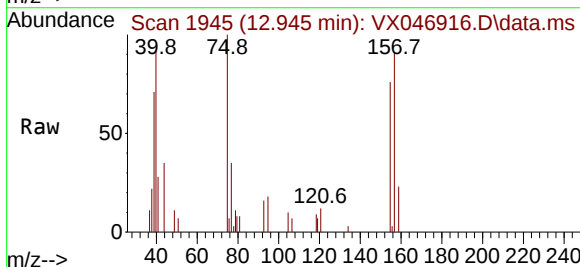
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:146 Resp: 23011
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.1
148 62.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.358 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 75 Resp: 2161
Ion Ratio Lower Upper
75 100
155 85.7 43.1 129.4
157 118.0 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 2.404 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

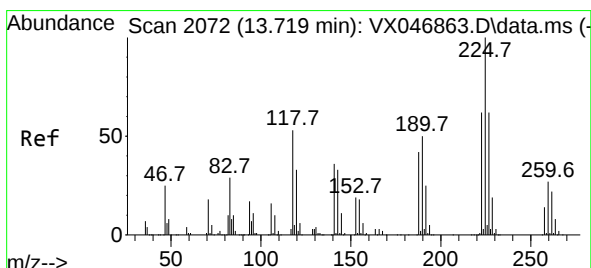
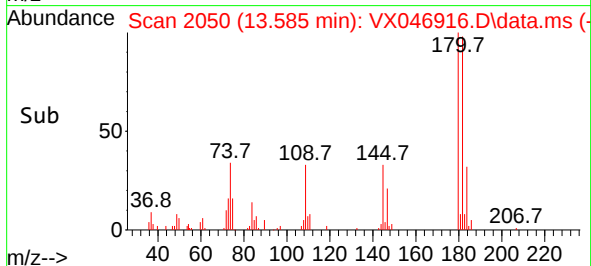
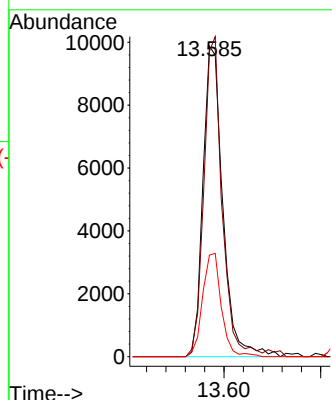
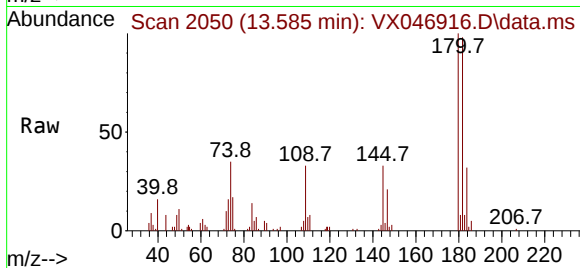
Tgt Ion:180 Resp: 14053

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 31.6 16.1 48.2



#94

Hexachlorobutadiene

Concen: 2.507 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046916.D

Acq: 08 Jul 2025 12:55

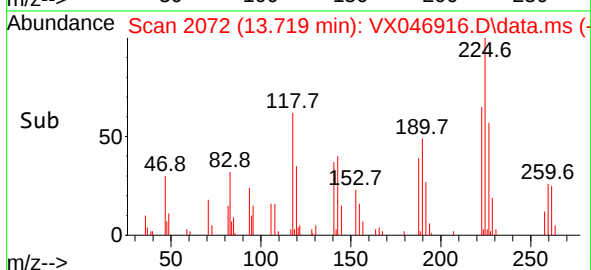
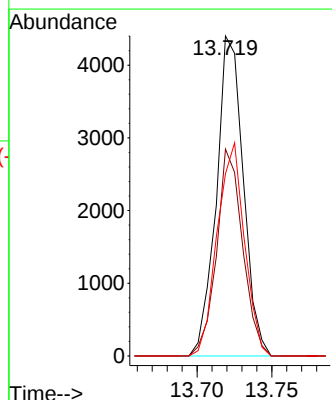
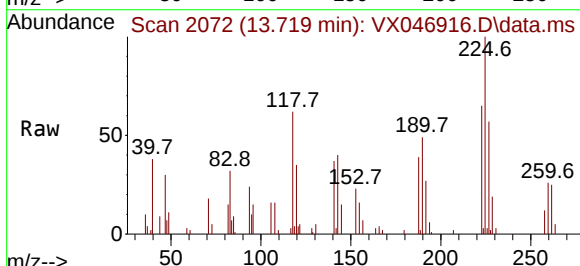
Tgt Ion:225 Resp: 5525

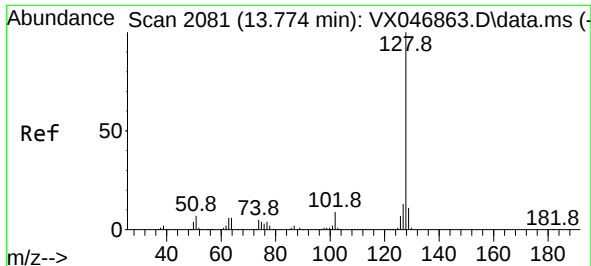
Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.7

227 67.0 31.6 94.7

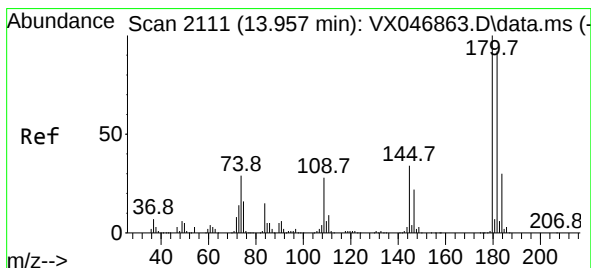
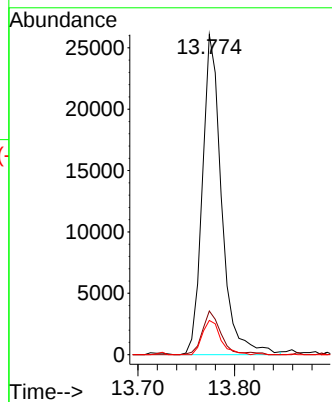
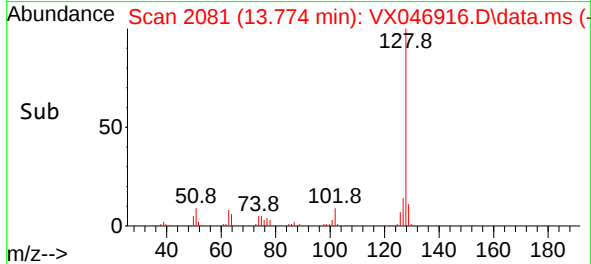
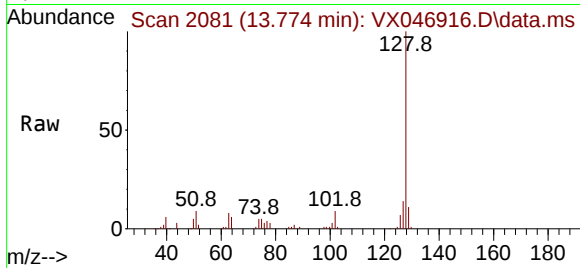




#95
Naphthalene
Concen: 2.349 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

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

Tgt Ion:	128	Resp:	36171
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	10.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.479 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046916.D
Acq: 08 Jul 2025 12:55

Tgt Ion:	180	Resp:	13688
Ion Ratio	Lower	Upper	
180	100		
182	97.6	46.7	140.1
145	34.6	16.8	50.3

