

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046913.D
 Acq On : 08 Jul 2025 11:32
 Operator : JC/MD
 Sample : Q2126-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 09 05:11:32 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	374336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	638116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	589137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	304916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	258374	52.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.500%	
35) Dibromofluoromethane	5.397	113	214838	49.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.200%	
50) Toluene-d8	8.647	98	746478	48.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	11.079	95	300130	51.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.191	85	489	0.137	ug/l	76
3) Chloromethane	1.307	50	989	0.253	ug/l #	85
4) Vinyl Chloride	1.386	62	811	0.190	ug/l #	50
5) Bromomethane	1.630	94	1397	0.510	ug/l #	55
6) Chloroethane	1.703	64	1205	0.428	ug/l #	70
7) Trichlorofluoromethane	1.910	101	1212	0.184	ug/l	94
8) Diethyl Ether	2.142	74	382	0.163	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.349	101	585	0.139	ug/l	95
10) Methyl Iodide	2.483	142	1466	0.321	ug/l #	63
11) Tert butyl alcohol	2.965	59	73	0.225	ug/l #	72
12) 1,1-Dichloroethene	2.337	96	899	0.221	ug/l #	89
13) Acrolein	2.252	56	401	1.035	ug/l #	40
14) Allyl chloride	2.672	41	1084	0.150	ug/l #	42
15) Acrylonitrile	3.099	53	1285	0.685	ug/l #	76
16) Acetone	2.392	43	2085	1.357	ug/l	89
17) Carbon Disulfide	2.532	76	2978	0.280	ug/l #	93
18) Methyl Acetate	2.721	43	758	0.187	ug/l #	53
19) Methyl tert-butyl Ether	3.123	73	2283	0.199	ug/l	100
20) Methylene Chloride	2.806	84	1827	0.402	ug/l #	92
21) trans-1,2-Dichloroethene	3.111	96	481	0.116	ug/l #	68
22) Diisopropyl ether	3.776	45	2456	0.176	ug/l #	33
23) Vinyl Acetate	3.703	43	302	0.029	ug/l #	72
24) 1,1-Dichloroethane	3.636	63	1330	0.167	ug/l #	82
25) 2-Butanone	4.623	43	413	0.202	ug/l #	89
26) 2,2-Dichloropropane	4.489	77	973	0.164	ug/l #	63
27) cis-1,2-Dichloroethene	4.513	96	589	0.116	ug/l	63
28) Bromochloromethane	4.934	49	461	0.117	ug/l #	35
29) Tetrahydrofuran	5.056	42	845	0.647	ug/l #	65
30) Chloroform	5.111	83	965	0.119	ug/l	96
31) Cyclohexane	5.483	56	1245	0.176	ug/l #	88
32) 1,1,1-Trichloroethane	5.391	97	645	0.095	ug/l #	40
36) 1,1-Dichloropropene	5.562	75	30549	5.227	ug/l #	47
37) Ethyl Acetate	4.733	43	98	0.020	ug/l #	70
38) Carbon Tetrachloride	5.568	117	39704	6.426	ug/l #	15
39) Methylcyclohexane	7.385	83	1474	0.202	ug/l	91
40) Benzene	6.050	78	1968	0.111	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	134	0.050	ug/l #	1
42) 1,2-Dichloroethane	6.105	62	1431	0.238	ug/l	89
43) Isopropyl Acetate	6.342	43	359	0.047	ug/l #	61
44) Trichloroethene	7.141	130	868	0.189	ug/l	61
45) 1,2-Dichloropropane	7.440	63	832	0.186	ug/l #	78
46) Dibromomethane	7.604	93	564	0.182	ug/l	97
47) Bromodichloromethane	7.830	83	1016	0.154	ug/l	89
48) Methyl methacrylate	7.738	41	142	0.036	ug/l #	32
49) 1,4-Dioxane	7.745	88	21	0.460	ug/l #	21
51) 4-Methyl-2-Pentanone	8.580	43	3178	0.706	ug/l	97
52) Toluene	8.726	92	1676	0.153	ug/l	83
53) t-1,3-Dichloropropene	8.994	75	987	0.167	ug/l	99
54) cis-1,3-Dichloropropene	8.385	75	924	0.137	ug/l #	73
55) 1,1,2-Trichloroethane	9.165	97	734	0.180	ug/l	93
56) Ethyl methacrylate	9.159	69	353	0.063	ug/l #	17
57) 1,3-Dichloropropane	9.323	76	1082	0.154	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.281	63	1437	0.452	ug/l	94
59) 2-Hexanone	9.476	43	968	0.324	ug/l	89
60) Dibromochloromethane	9.531	129	923	0.189	ug/l	89
61) 1,2-Dibromoethane	9.616	107	493	0.120	ug/l	88
64) Tetrachloroethene	9.281	164	824	0.210	ug/l #	82
65) Chlorobenzene	10.079	112	2736	0.215	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.165	131	732	0.171	ug/l #	65
67) Ethyl Benzene	10.201	91	3357	0.154	ug/l #	83
68) m/p-Xylenes	10.305	106	2615	0.318	ug/l	98
69) o-Xylene	10.640	106	1503	0.189	ug/l	89
70) Styrene	10.665	104	1897	0.140	ug/l	91
71) Bromoform	10.799	173	707	0.222	ug/l #	75
73) Isopropylbenzene	10.963	105	3556	0.166	ug/l	97
74) N-amyl acetate	10.835	43	266	0.037	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.213	83	797	0.135	ug/l #	64
76) 1,2,3-Trichloropropane	11.079	75	151885	32.238	ug/l #	37
77) Bromobenzene	11.201	156	1062	0.199	ug/l	97
78) n-propylbenzene	11.305	91	4460	0.173	ug/l	97
79) 2-Chlorotoluene	11.366	91	2867	0.188	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	2918	0.168	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	151885	86.510	ug/l #	8
82) 4-Chlorotoluene	11.463	91	3207	0.182	ug/l	91
83) tert-Butylbenzene	11.713	119	2985	0.166	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	2996	0.170	ug/l	95
85) sec-Butylbenzene	11.890	105	4332	0.191	ug/l	92
86) p-Isopropyltoluene	12.012	119	3627	0.191	ug/l #	80
87) 1,3-Dichlorobenzene	11.975	146	2122	0.213	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	2122	0.204	ug/l	93
89) n-Butylbenzene	12.341	91	2830	0.159	ug/l	76
90) Hexachloroethane	12.536	117	563	0.167	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	1804	0.186	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20	0.019	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	1583	0.241	ug/l	87
94) Hexachlorobutadiene	13.719	225	1369	0.552	ug/l	95
95) Naphthalene	13.786	128	2381	0.137	ug/l #	87
96) 1,2,3-Trichlorobenzene	13.963	180	1504	0.242	ug/l	80

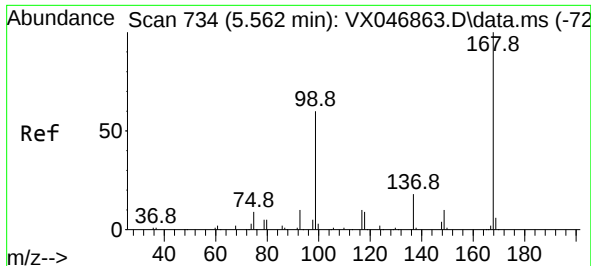
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Quant Title : SW846 8260
QLast Update : Wed Jul 09 05:05:09 2025
Response via : Initial Calibration

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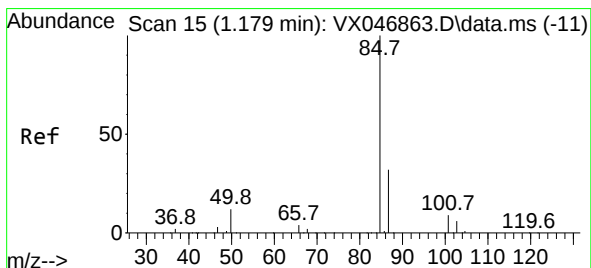
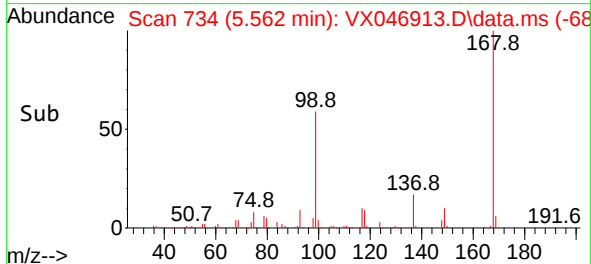
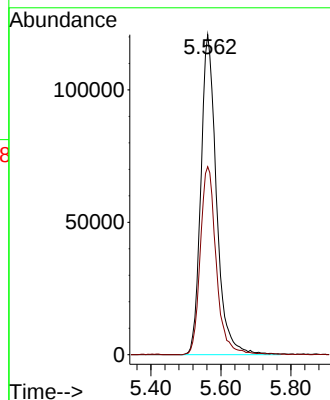
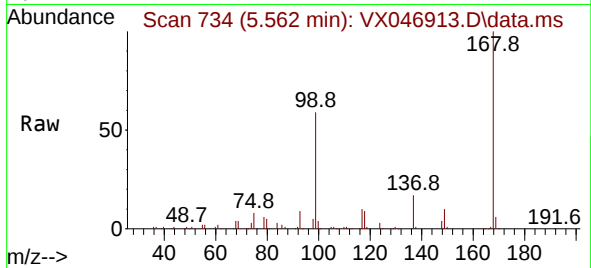
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

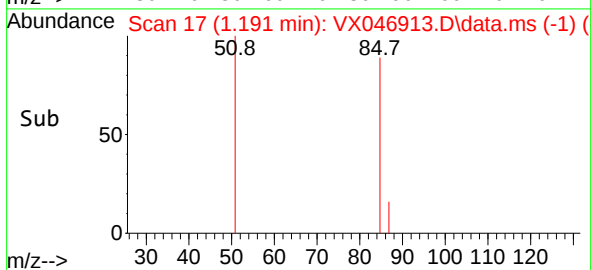
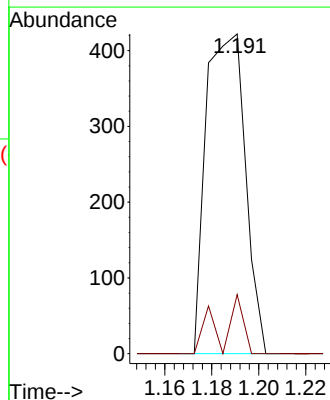
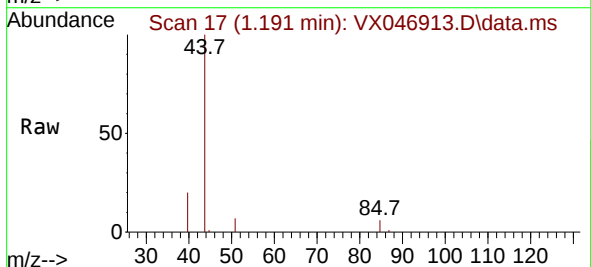
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ClientSampleId :
MDL-WATER-03-QT2-2025

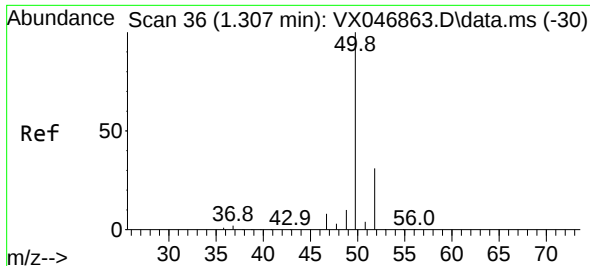
Tgt Ion:168 Resp: 374336
Ion Ratio Lower Upper
168 100
99 58.8 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.137 ug/l
RT: 1.191 min Scan# 17
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 85 Resp: 489
Ion Ratio Lower Upper
85 100
87 18.5 16.0 47.9

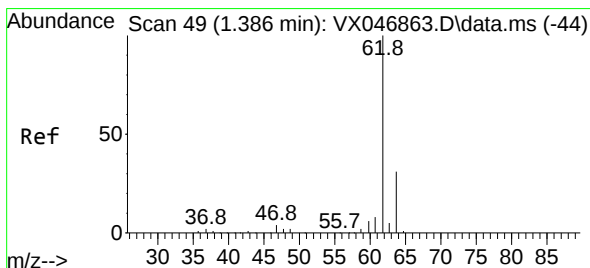
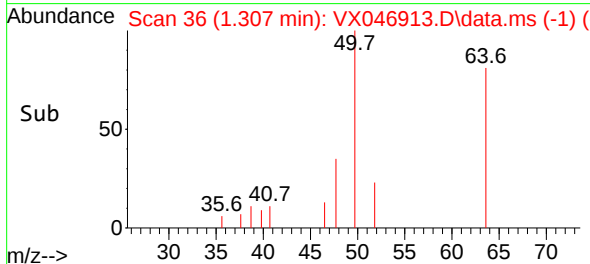
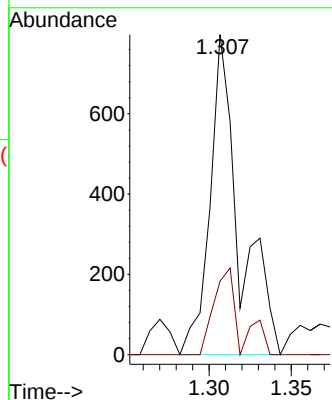
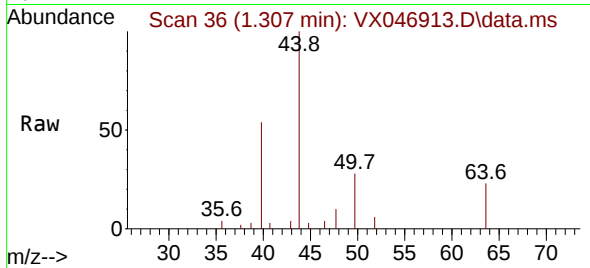




#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

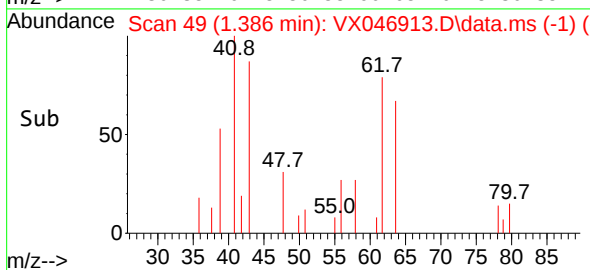
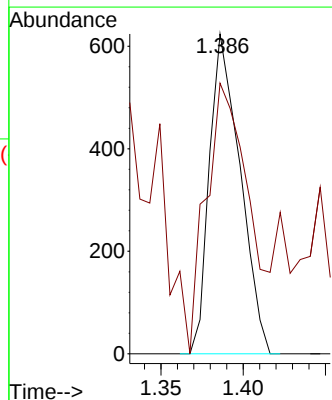
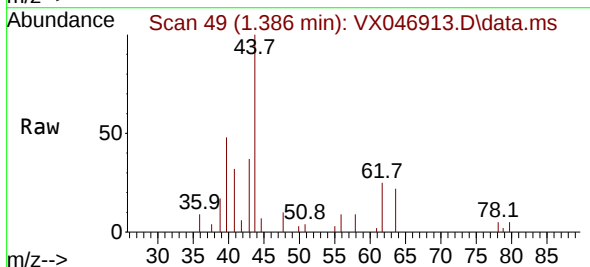
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

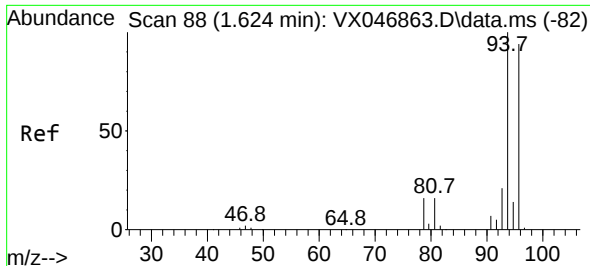
Tgt Ion: 50 Resp: 989
Ion Ratio Lower Upper
50 100
52 23.0 25.0 37.4#



#4
Vinyl Chloride
Concen: 0.190 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

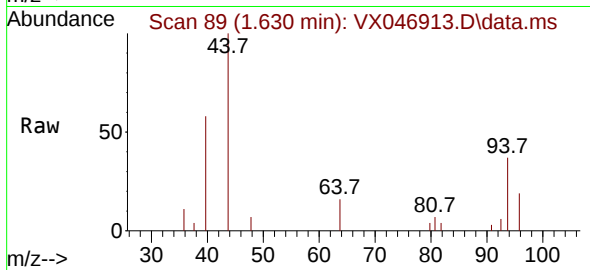
Tgt Ion: 62 Resp: 811
Ion Ratio Lower Upper
62 100
64 58.8 25.0 37.4#



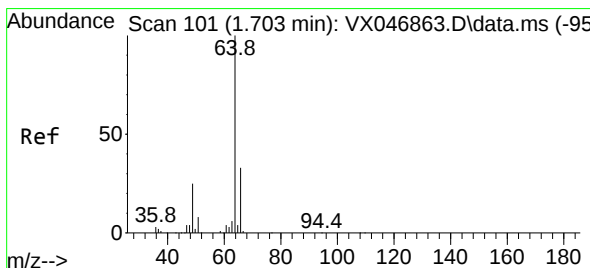
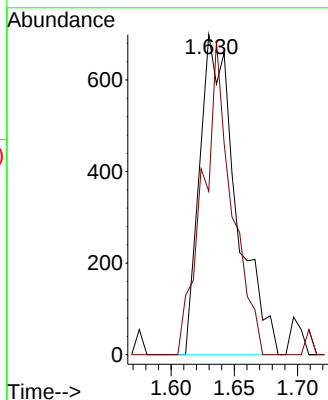
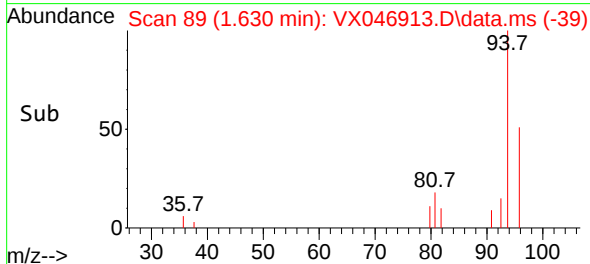


#5
Bromomethane
Concen: 0.510 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
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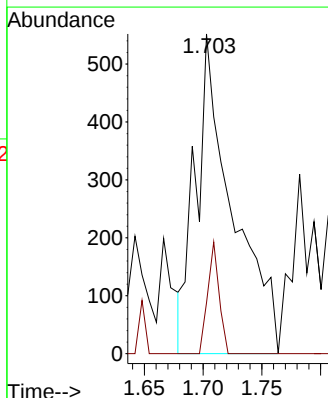
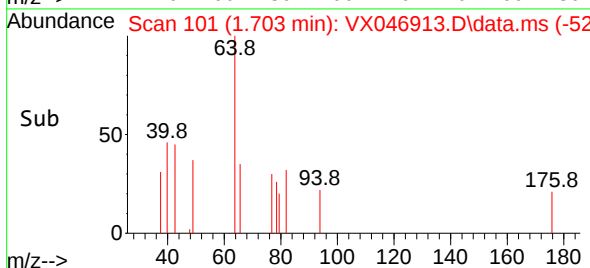
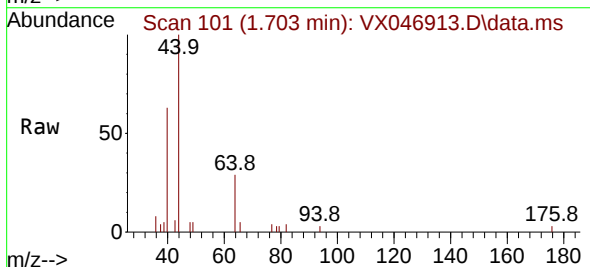


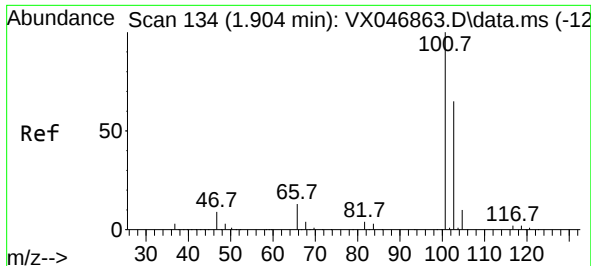
Tgt Ion: 94 Resp: 1397
Ion Ratio Lower Upper
94 100
96 51.1 75.5 113.3#



#6
Chloroethane
Concen: 0.428 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 64 Resp: 1205
Ion Ratio Lower Upper
64 100
66 15.9 26.4 39.6#

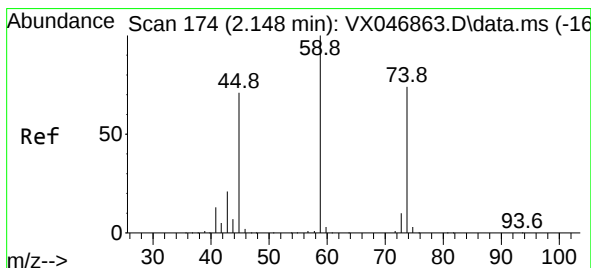
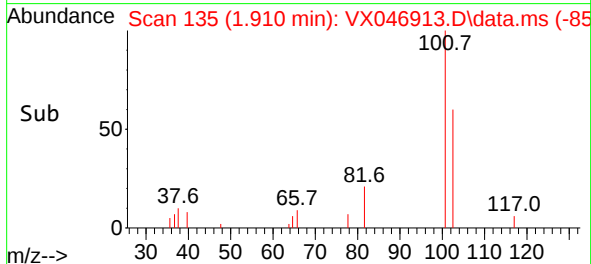
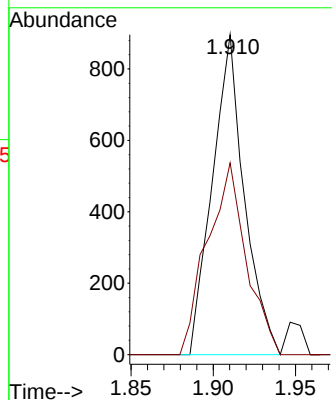
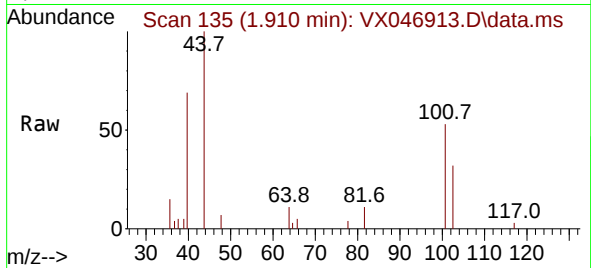




#7
 Trichlorofluoromethane
 Concen: 0.184 ug/l
 RT: 1.910 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

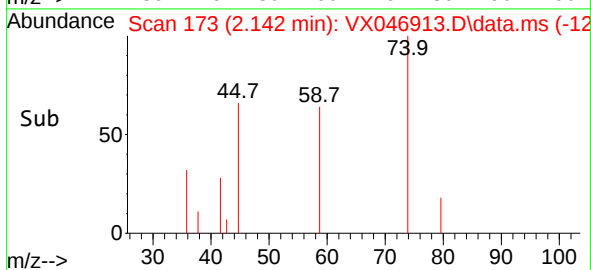
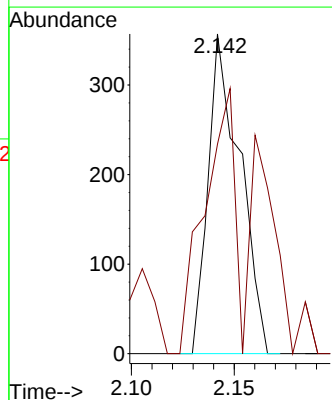
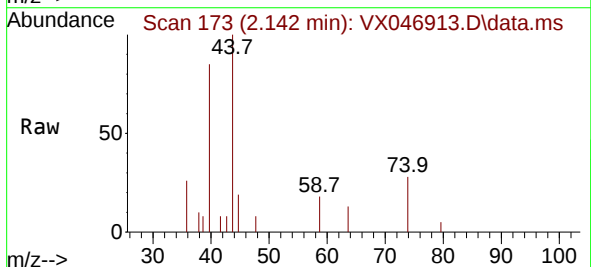
Instrument :
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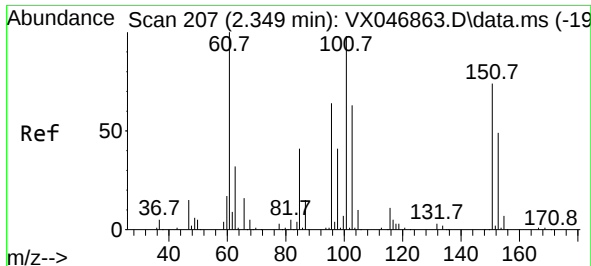
Tgt Ion:101 Resp: 1212
 Ion Ratio Lower Upper
 101 100
 103 59.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 0.163 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

Tgt Ion: 74 Resp: 382
 Ion Ratio Lower Upper
 74 100
 45 78.5 50.7 152.1

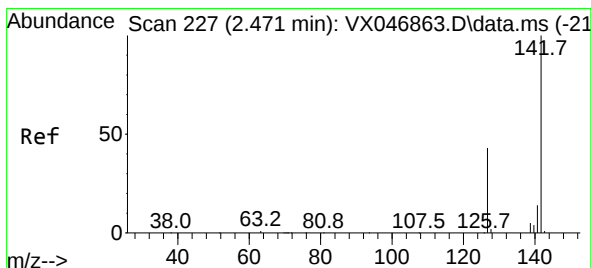
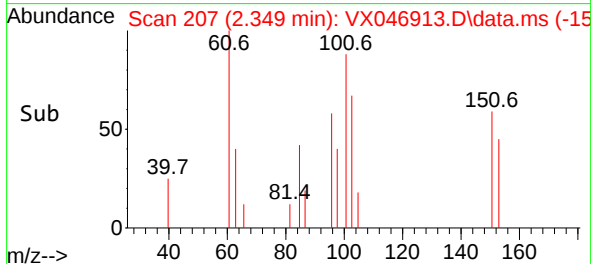
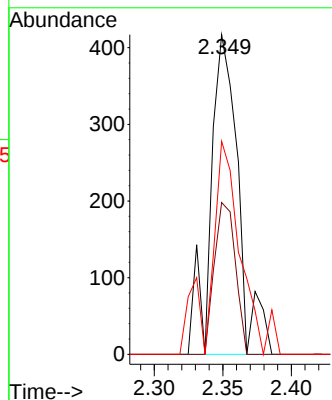
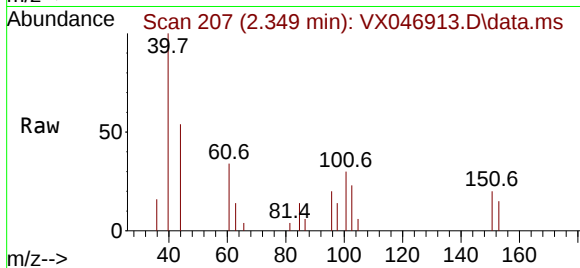




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.139 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

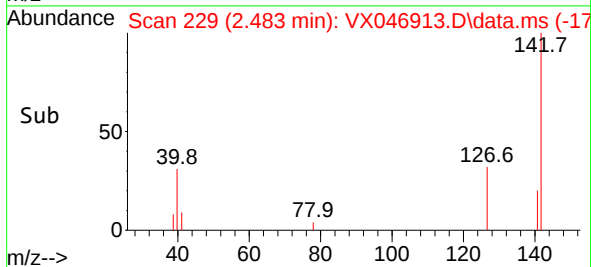
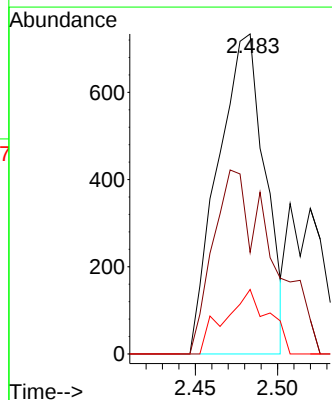
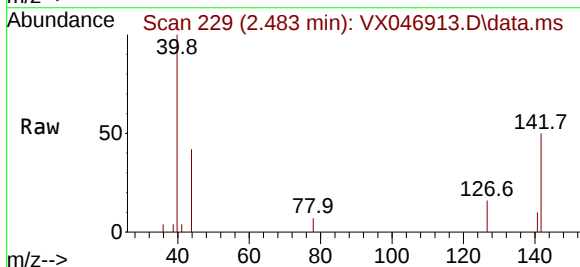
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

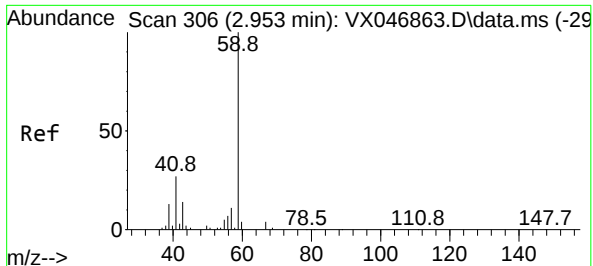
Tgt Ion:101 Resp: 585
Ion Ratio Lower Upper
101 100
85 35.9 34.3 51.5
151 73.2 59.9 89.9



#10
Methyl Iodide
Concen: 0.321 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:142 Resp: 1466
Ion Ratio Lower Upper
142 100
127 72.1 34.9 52.3#
141 18.9 11.1 16.7#





#11

Tert butyl alcohol

Concen: 0.225 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

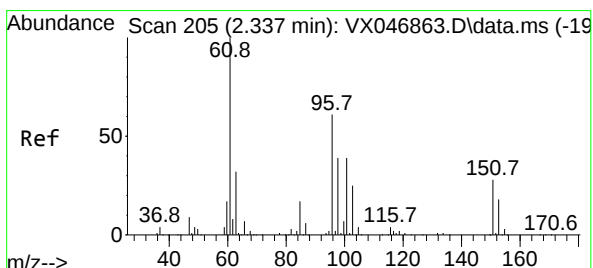
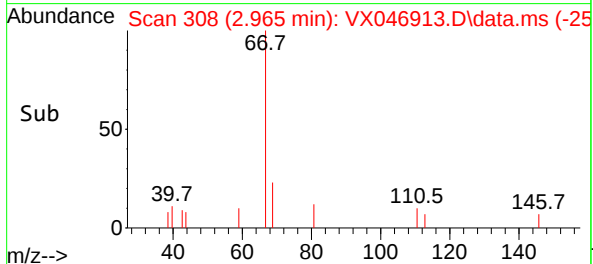
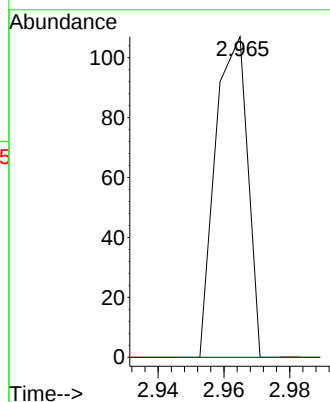
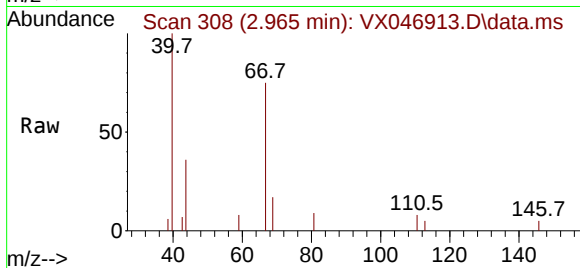
MDL-WATER-03-QT2-2025

Tgt Ion: 59 Resp: 73

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.221 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

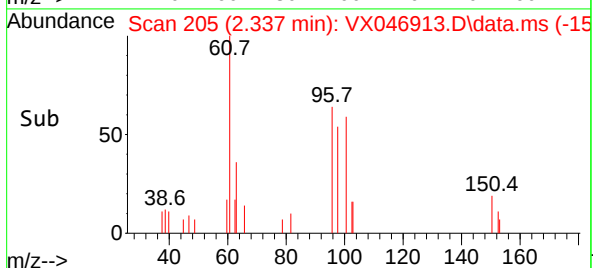
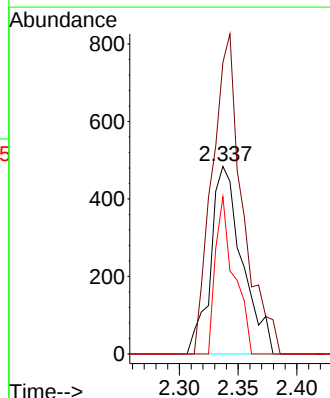
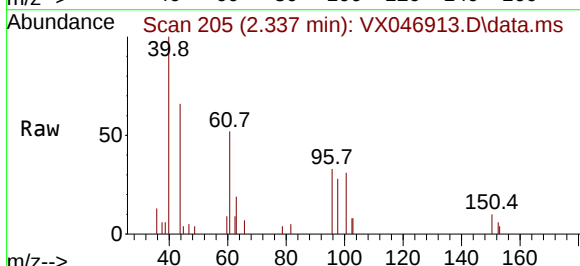
Tgt Ion: 96 Resp: 899

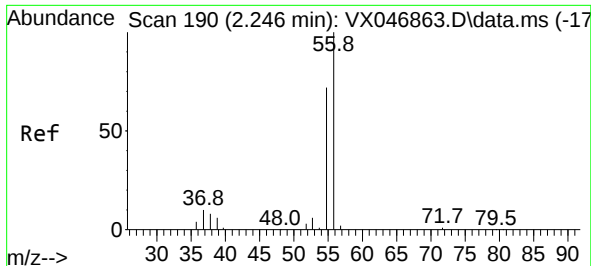
Ion Ratio Lower Upper

96 100

61 155.6 130.2 195.4

98 83.9 51.3 76.9#

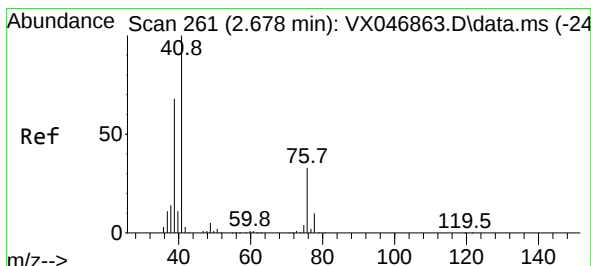
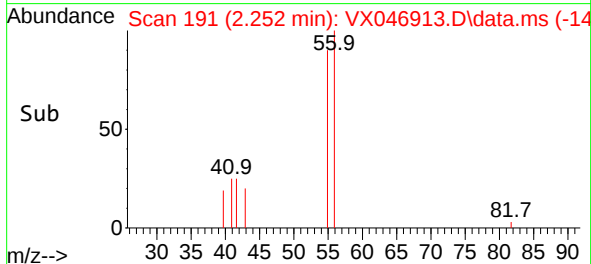
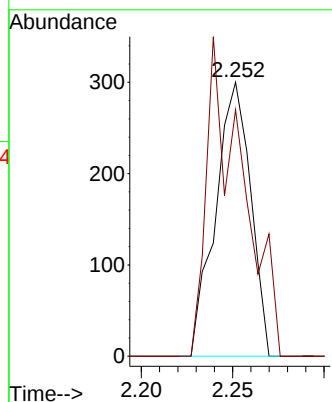
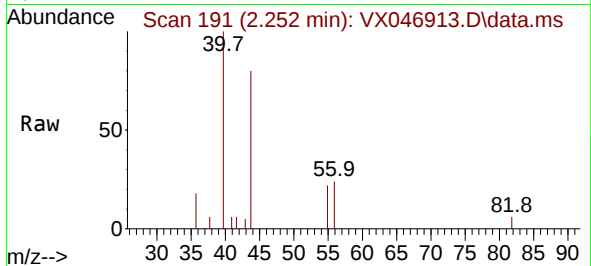




#13
Acrolein
Concen: 1.035 ug/l
RT: 2.252 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

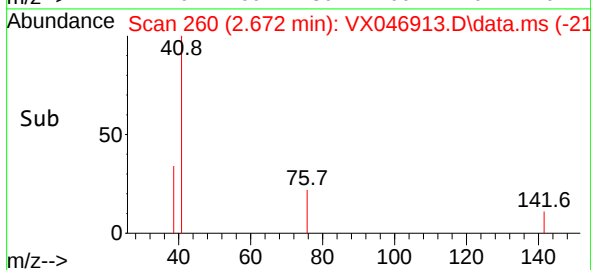
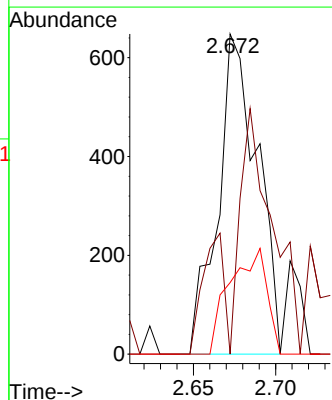
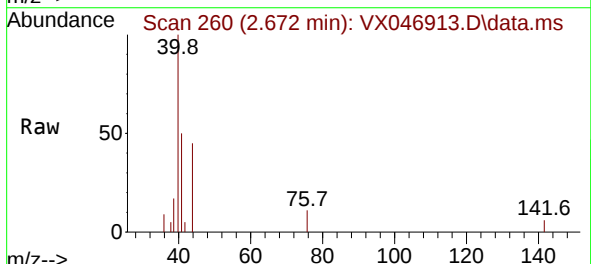
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

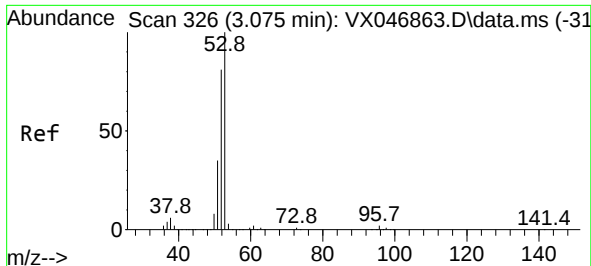
Tgt Ion: 56 Resp: 401
Ion Ratio Lower Upper
56 100
55 118.7 55.5 83.3#



#14
Allyl chloride
Concen: 0.150 ug/l
RT: 2.672 min Scan# 260
Delta R.T. -0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 41 Resp: 1084
Ion Ratio Lower Upper
41 100
39 19.8 52.0 78.0#
76 0.0 26.2 39.2#

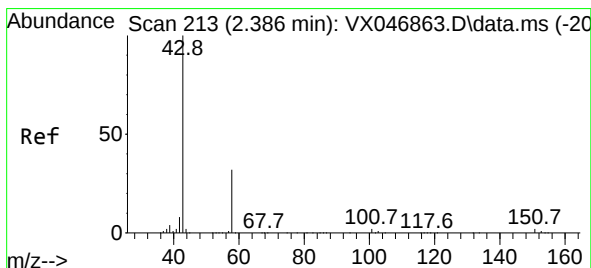
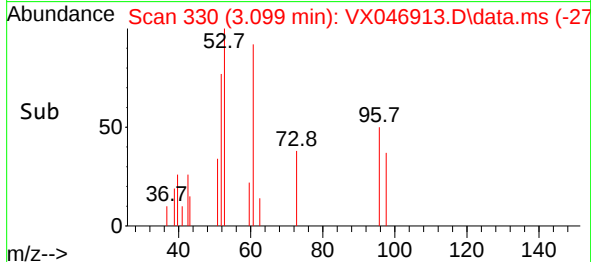
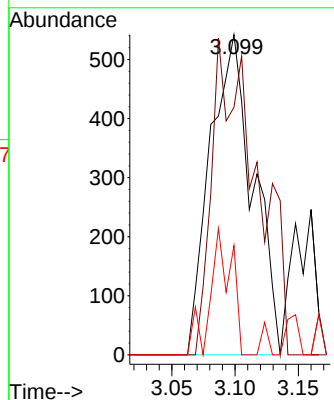
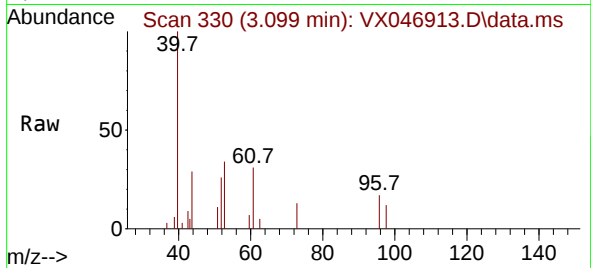




#15
Acrylonitrile
Concen: 0.685 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

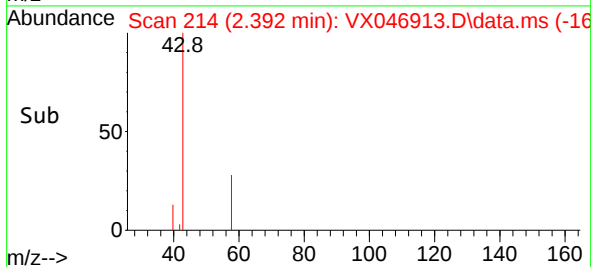
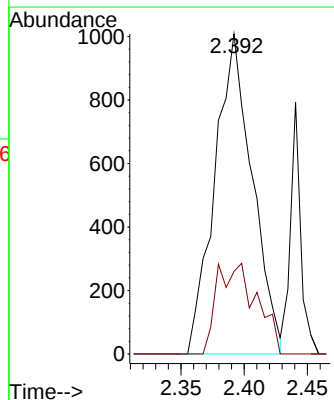
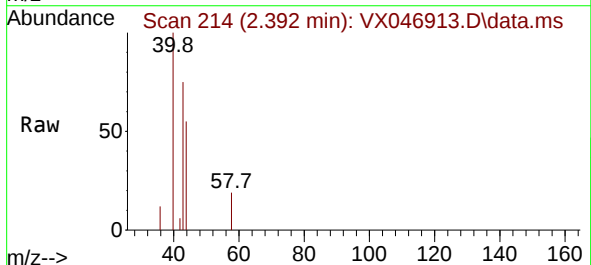
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

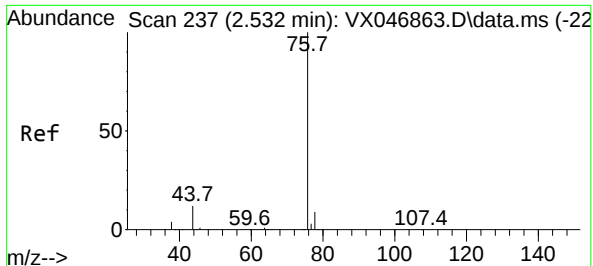
Tgt Ion: 53 Resp: 1285
Ion Ratio Lower Upper
53 100
52 102.3 66.0 99.0#
51 19.5 28.6 43.0#



#16
Acetone
Concen: 1.357 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 43 Resp: 2085
Ion Ratio Lower Upper
43 100
58 25.8 25.8 38.6

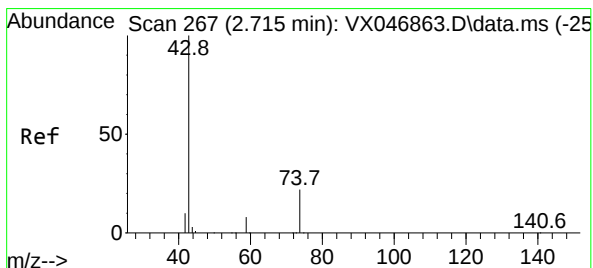
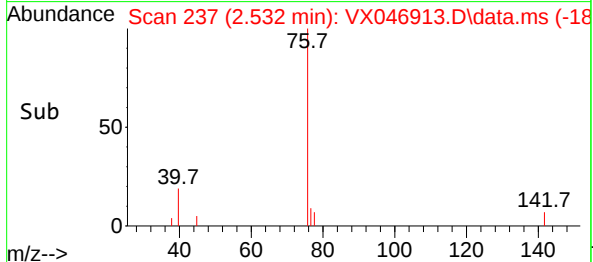
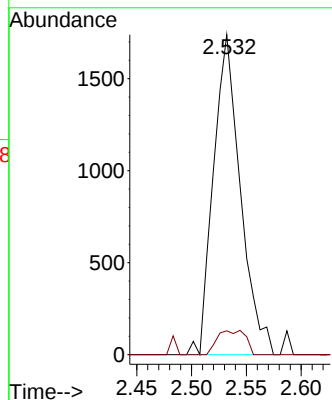
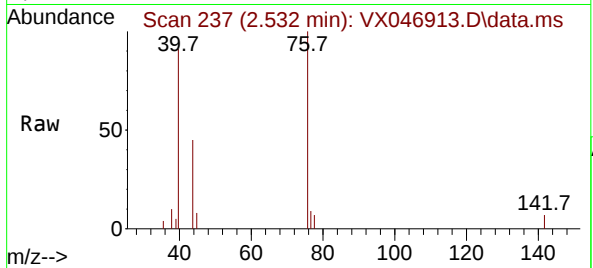




#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

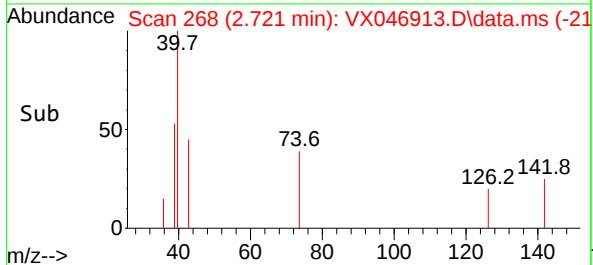
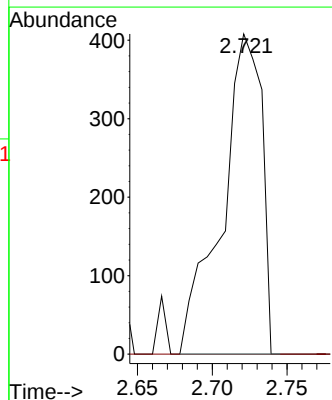
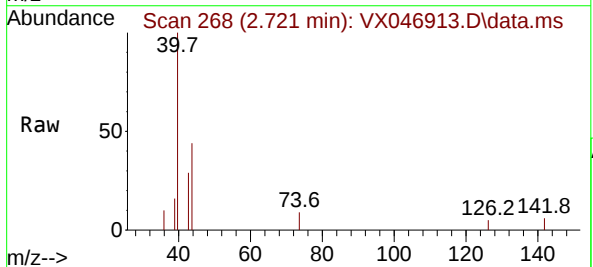
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 2978
Ion Ratio Lower Upper
76 100
78 6.9 7.4 11.2#



#18
Methyl Acetate
Concen: 0.187 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

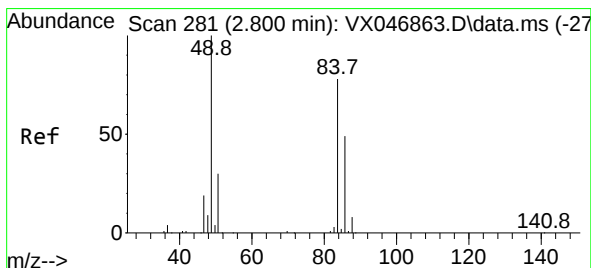
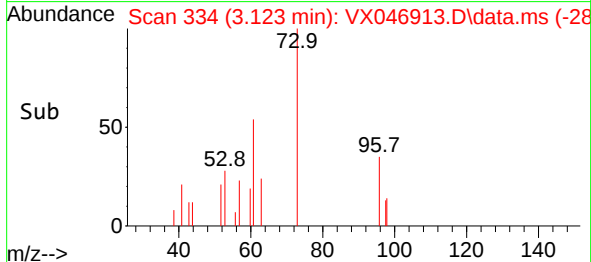
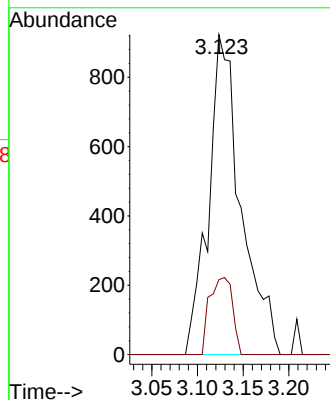
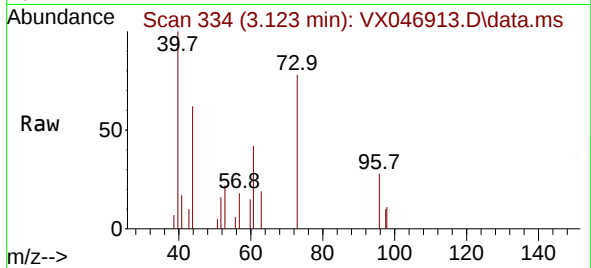




#19
Methyl tert-butyl Ether
Concen: 0.199 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

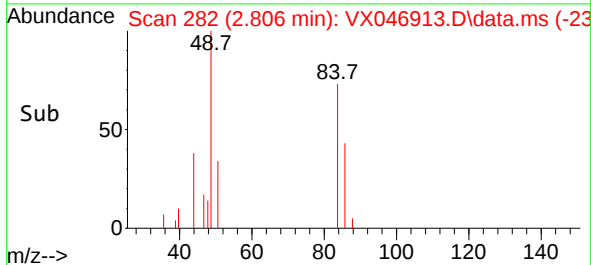
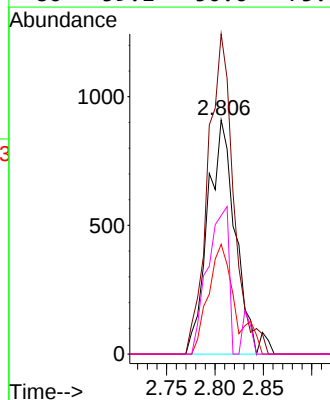
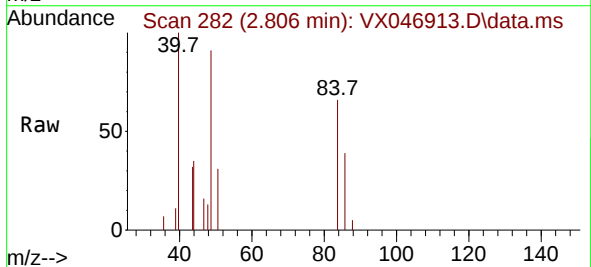
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

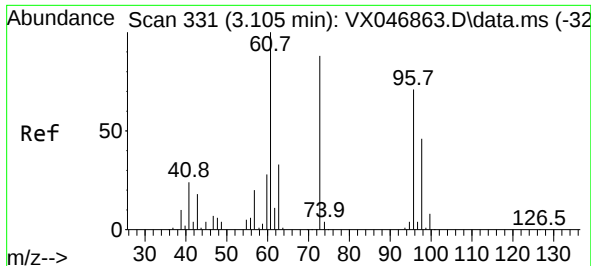
Tgt Ion: 73 Resp: 2283
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 84 Resp: 1827
Ion Ratio Lower Upper
84 100
49 136.7 102.8 154.2
51 46.8 31.1 46.7#
86 59.1 50.6 75.8

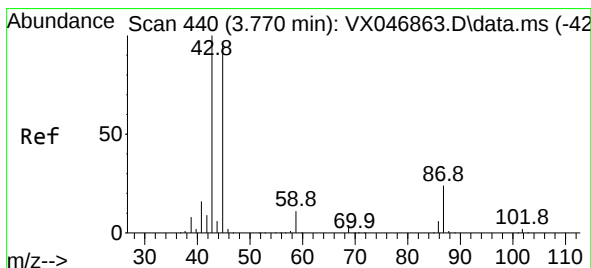
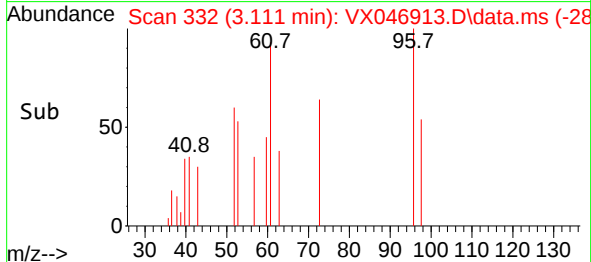
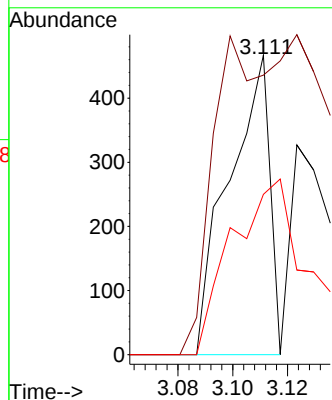
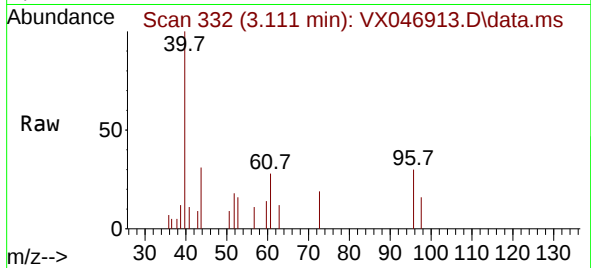




#21
trans-1,2-Dichloroethene
Concen: 0.116 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

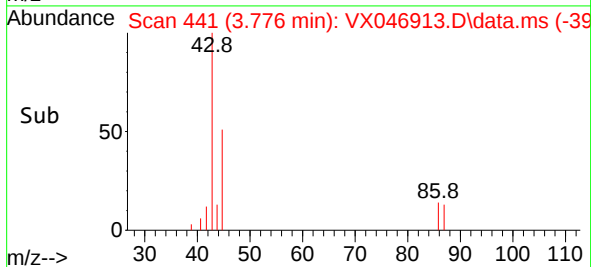
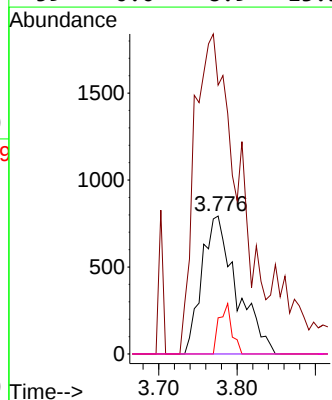
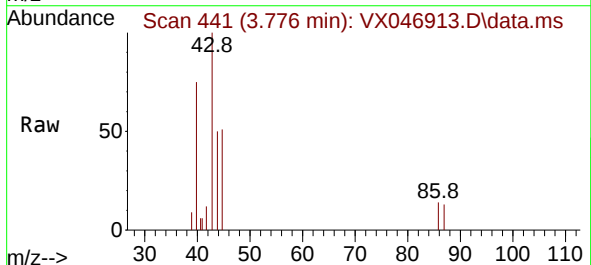
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

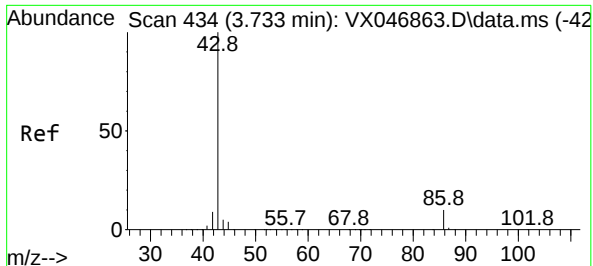
Tgt Ion: 96 Resp: 481
Ion Ratio Lower Upper
96 100
61 93.4 113.4 170.2#
98 53.5 51.8 77.6



#22
Diisopropyl ether
Concen: 0.176 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 45 Resp: 2456
Ion Ratio Lower Upper
45 100
43 195.0 84.2 126.4#
87 26.2 20.3 30.5
59 0.0 8.9 13.3#

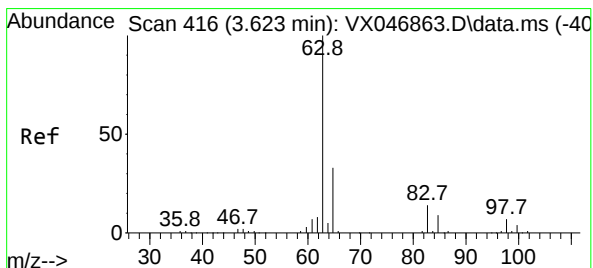
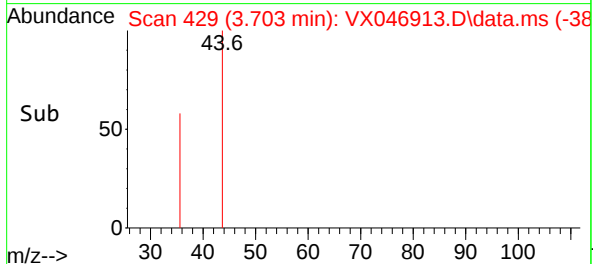
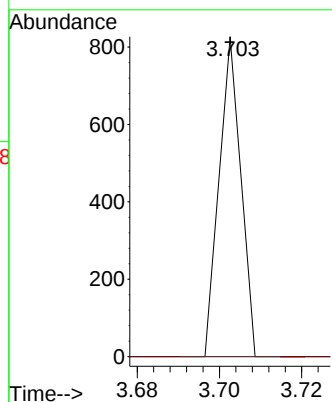
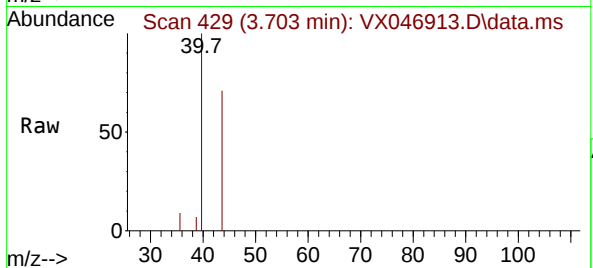




#23
 Vinyl Acetate
 Concen: 0.029 ug/l
 RT: 3.703 min Scan# 41
 Delta R.T. -0.031 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

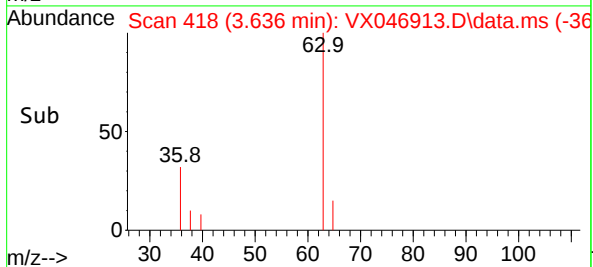
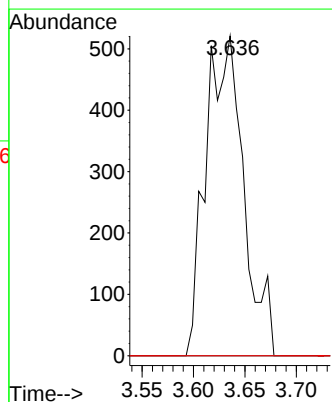
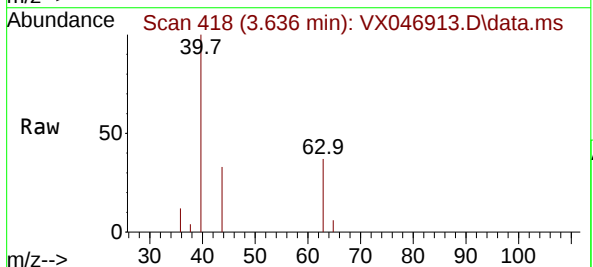
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

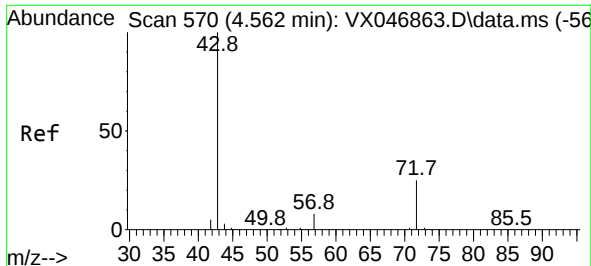
Tgt Ion: 43 Resp: 302
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 0.167 ug/l
 RT: 3.636 min Scan# 418
 Delta R.T. 0.012 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

Tgt Ion: 63 Resp: 1330
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.9#





#25

2-Butanone

Concen: 0.202 ug/l

RT: 4.623 min Scan# 51

Delta R.T. 0.061 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

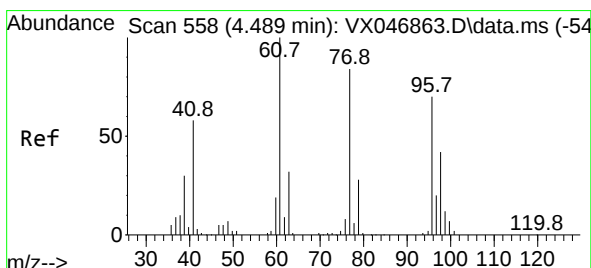
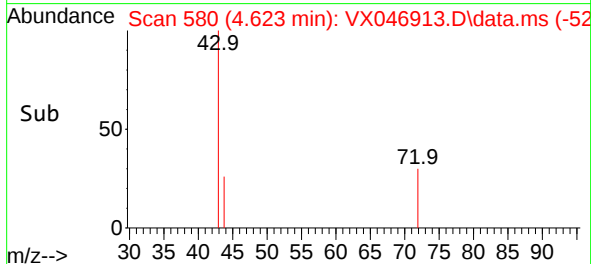
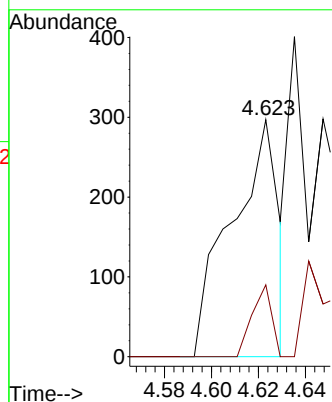
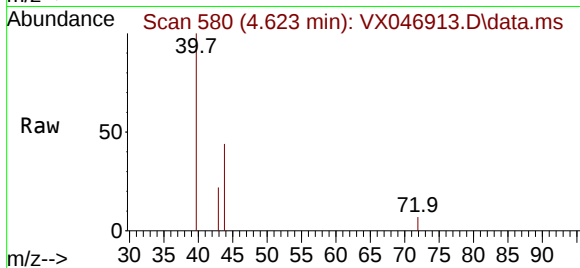
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 413

Ion Ratio Lower Upper

43 100

72 30.3 20.0 30.0#



#26

2,2-Dichloropropane

Concen: 0.164 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX046913.D

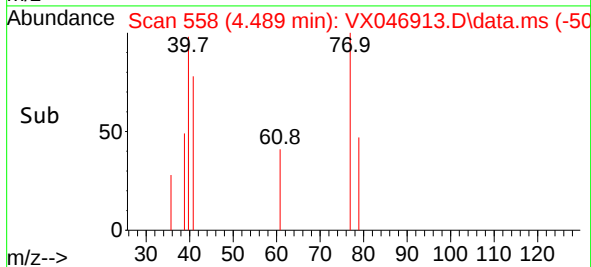
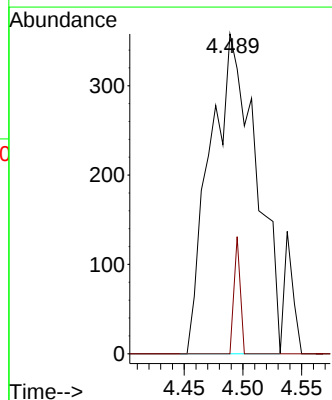
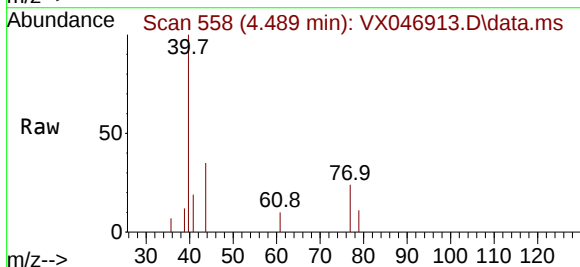
Acq: 08 Jul 2025 11:32

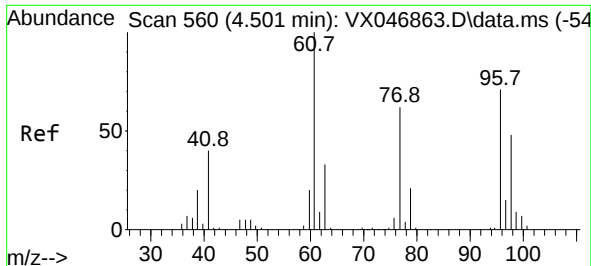
Tgt Ion: 77 Resp: 973

Ion Ratio Lower Upper

77 100

97 4.9 11.5 34.5#





#27

cis-1,2-Dichloroethene

Concen: 0.116 ug/l

RT: 4.513 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

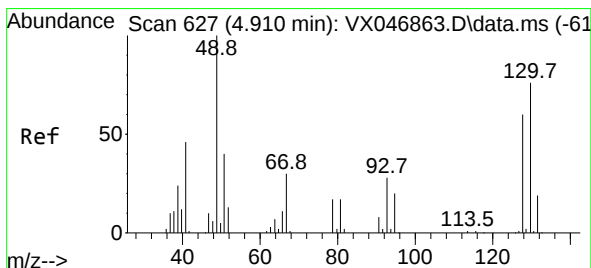
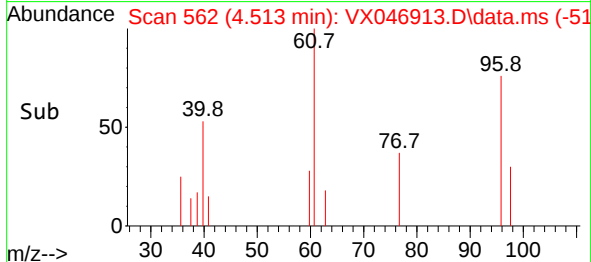
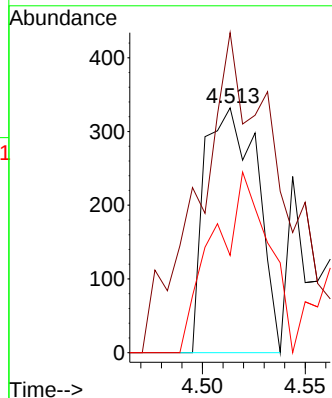
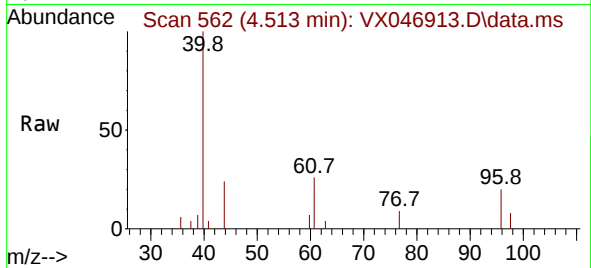
Tgt Ion: 96 Resp: 589

Ion Ratio Lower Upper

96 100

61 201.9 0.0 288.6

98 76.9 0.0 128.8



#28

Bromochloromethane

Concen: 0.117 ug/l

RT: 4.934 min Scan# 631

Delta R.T. 0.024 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

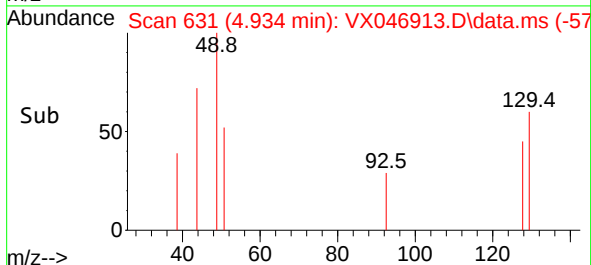
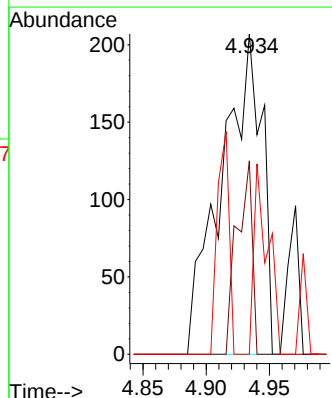
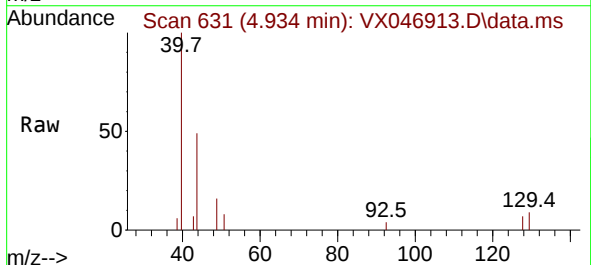
Tgt Ion: 49 Resp: 461

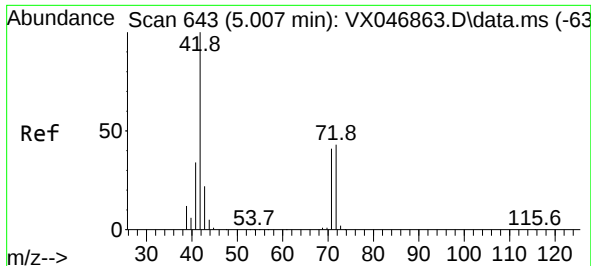
Ion Ratio Lower Upper

49 100

129 22.8 0.0 4.2#

130 20.6 61.7 92.5#





#29

Tetrahydrofuran

Concen: 0.647 ug/l

RT: 5.056 min Scan# 6

Delta R.T. 0.049 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

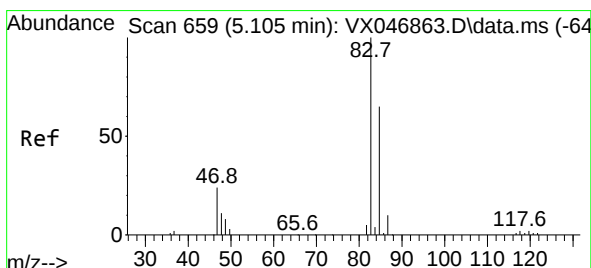
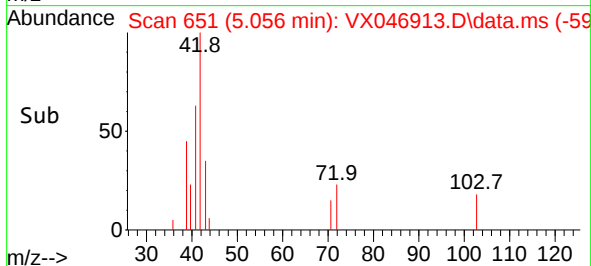
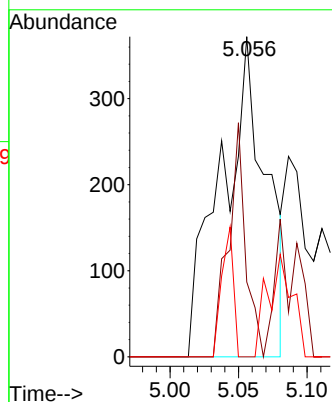
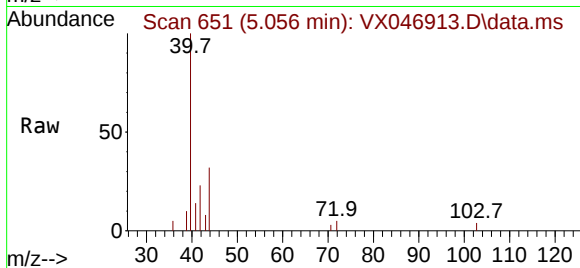
Tgt Ion: 42 Resp: 845

Ion Ratio Lower Upper

42 100

72 28.3 35.1 52.7#

71 10.7 31.9 47.9#



#30

Chloroform

Concen: 0.119 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX046913.D

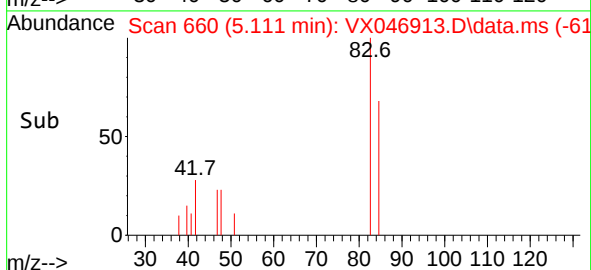
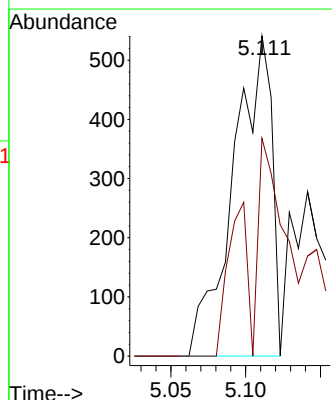
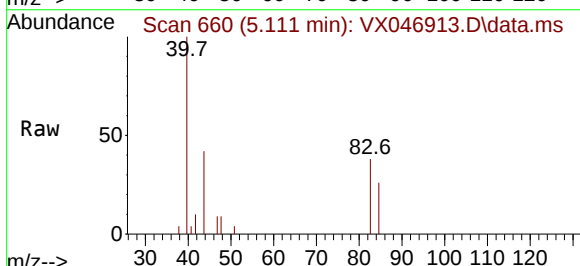
Acq: 08 Jul 2025 11:32

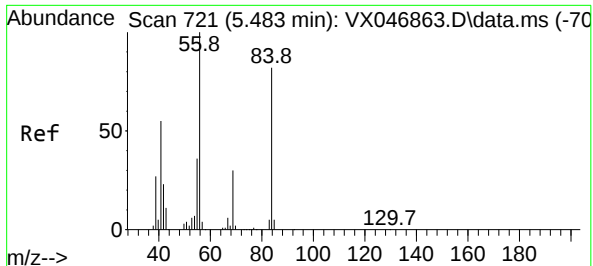
Tgt Ion: 83 Resp: 965

Ion Ratio Lower Upper

83 100

85 68.0 51.8 77.8

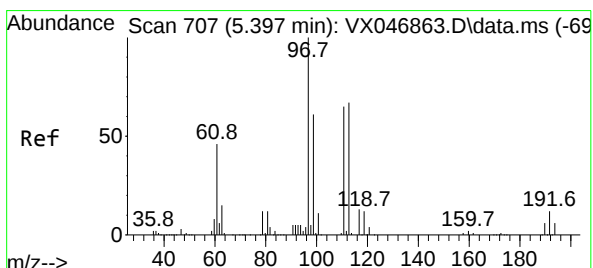
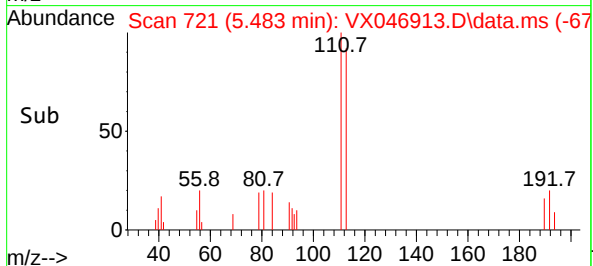
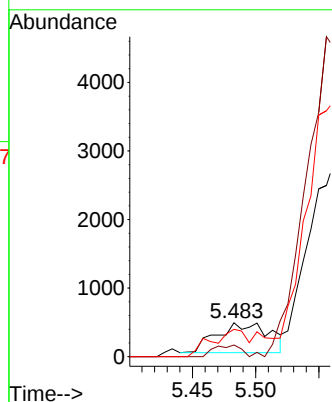
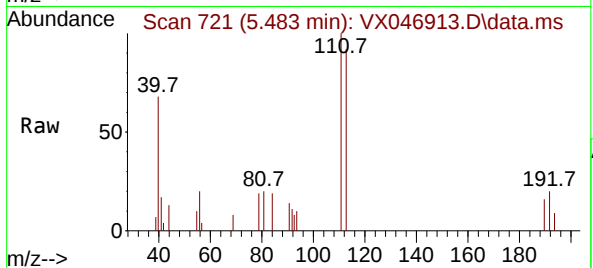




#31
Cyclohexane
Concen: 0.176 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

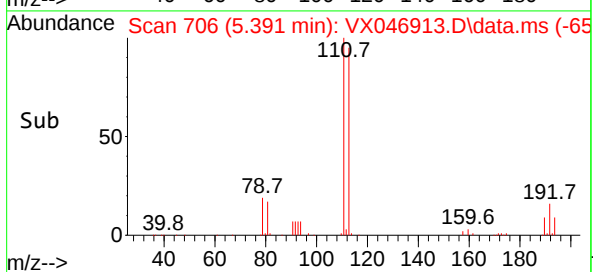
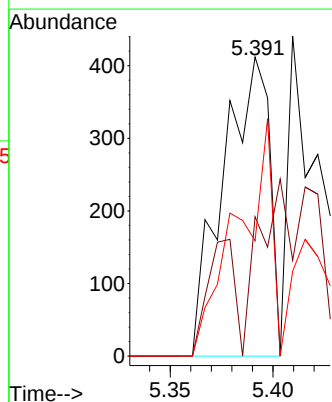
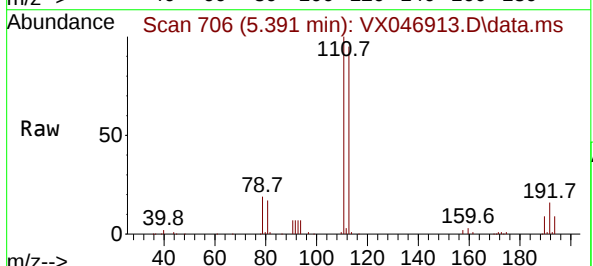
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

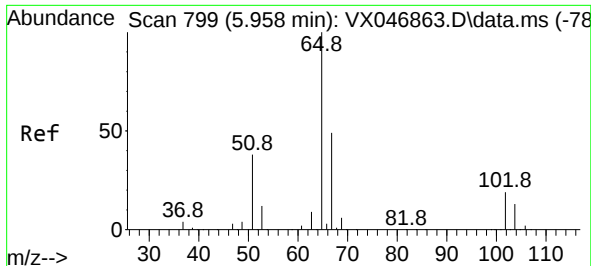
Tgt Ion: 56 Resp: 1245
Ion Ratio Lower Upper
56 100
69 39.2 24.0 36.0#
84 91.7 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 0.095 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 97 Resp: 645
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 65.4 36.3 54.5#





#33

1,2-Dichloroethane-d4

Concen: 52.246 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

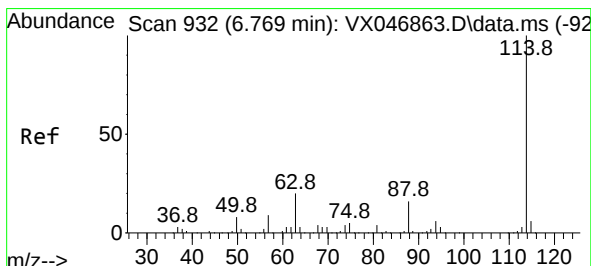
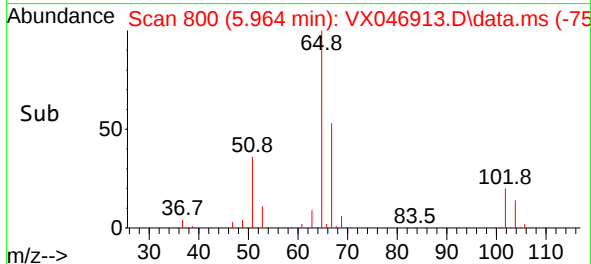
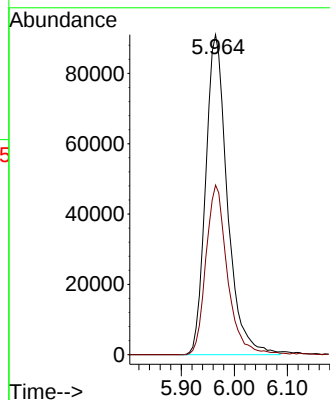
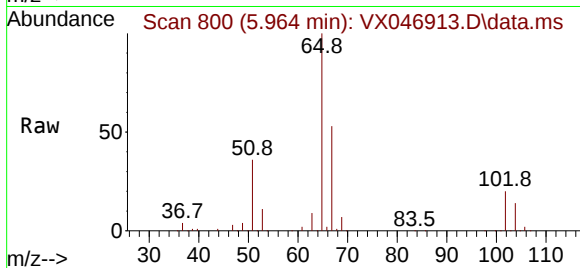
MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 258374

Ion Ratio Lower Upper

65 100

67 52.6 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: VX046913.D

Acq: 08 Jul 2025 11:32

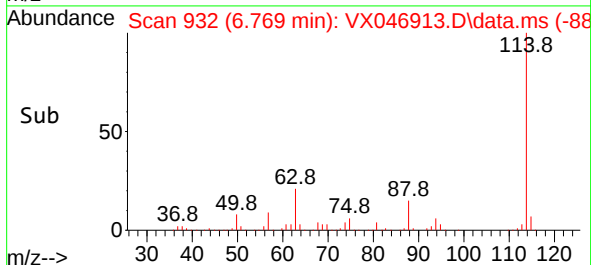
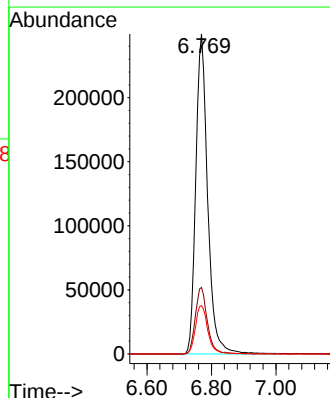
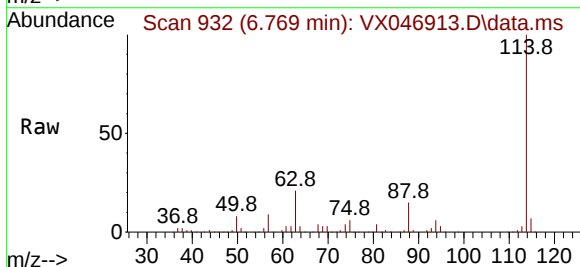
Tgt Ion:114 Resp: 638116

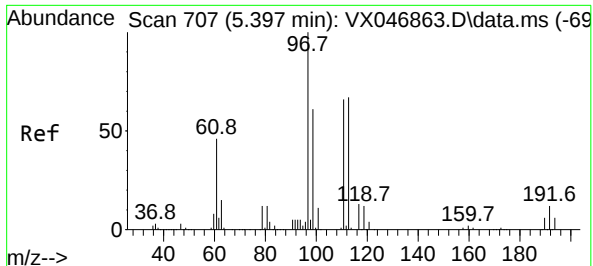
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.598 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

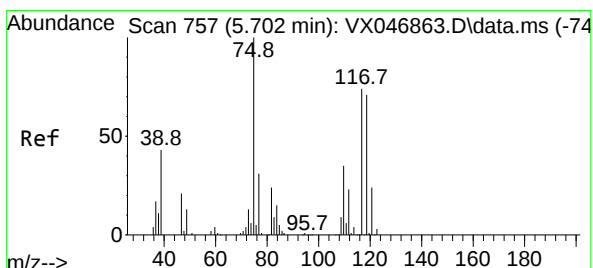
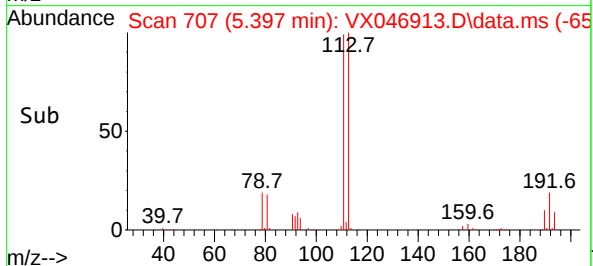
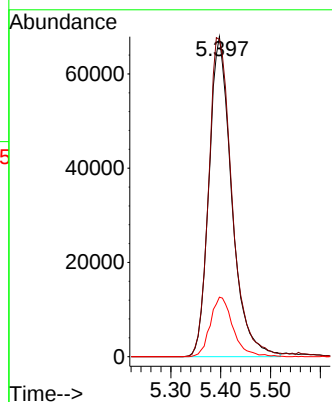
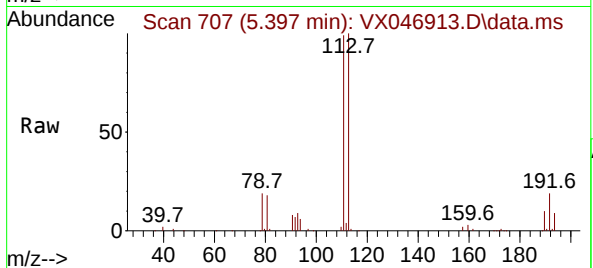
Tgt Ion:113 Resp: 214838

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

192 18.6 15.3 22.9



#36

1,1-Dichloropropene

Concen: 5.227 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

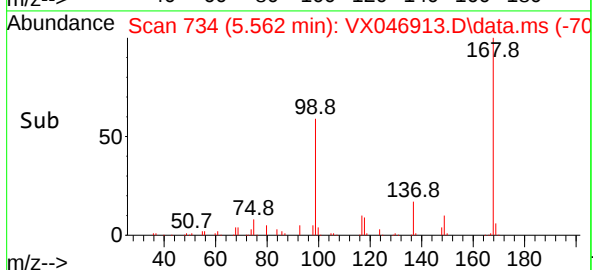
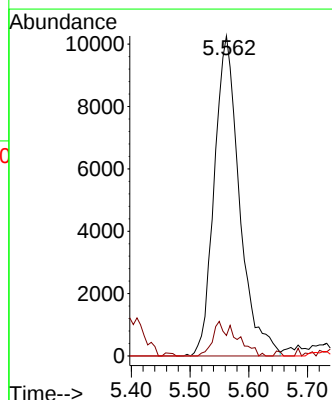
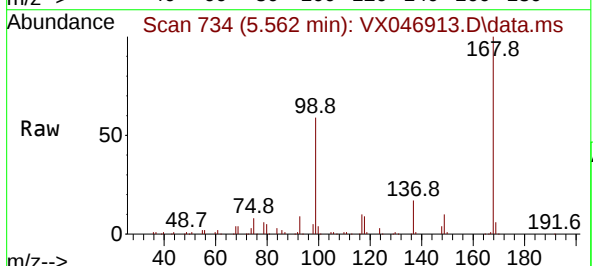
Tgt Ion: 75 Resp: 30549

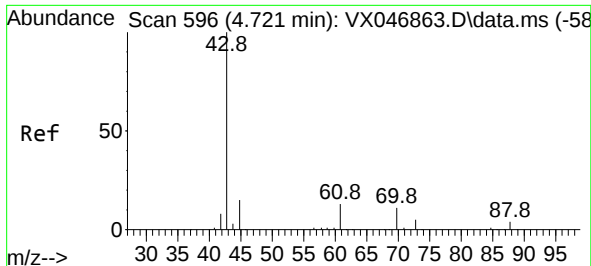
Ion Ratio Lower Upper

75 100

110 5.3 17.3 51.9#

77 0.0 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.020 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

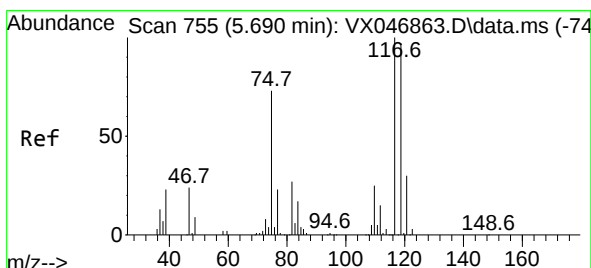
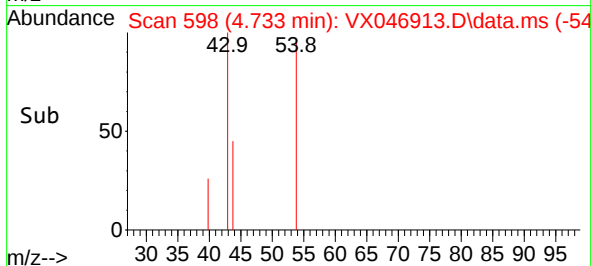
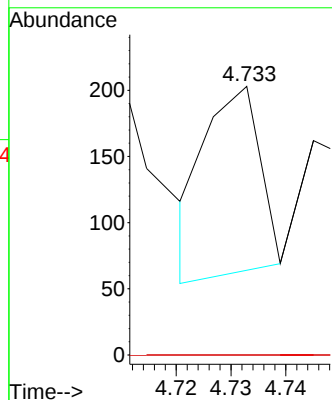
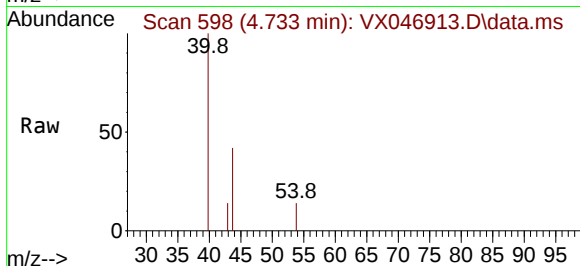
Tgt Ion: 43 Resp: 98

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.426 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

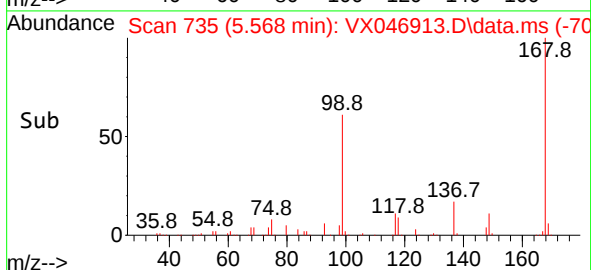
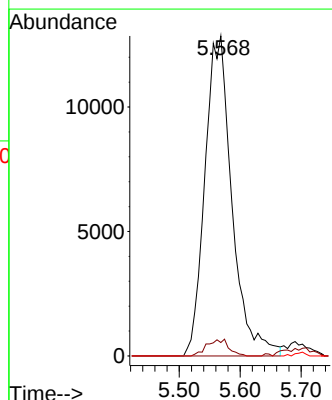
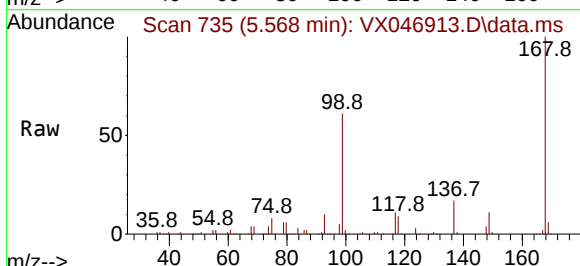
Tgt Ion: 117 Resp: 39704

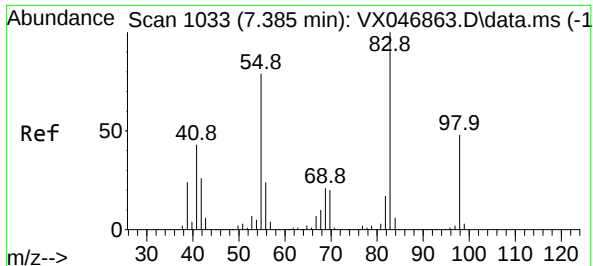
Ion Ratio Lower Upper

117 100

119 4.2 76.6 114.8#

121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 0.202 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

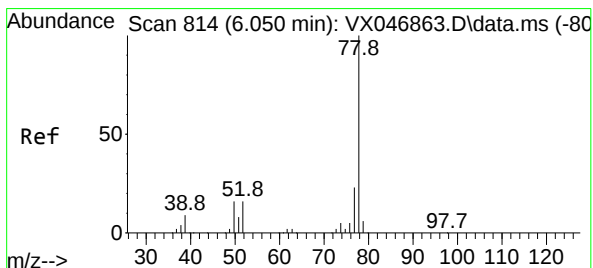
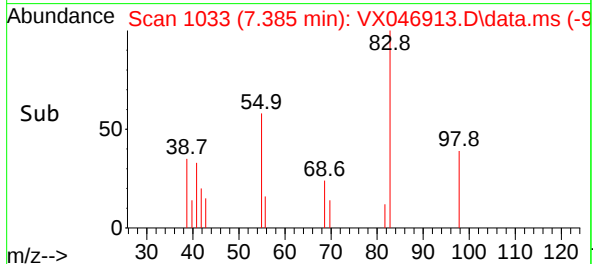
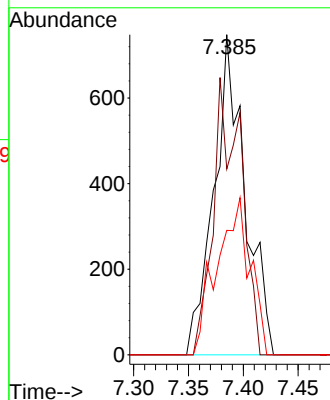
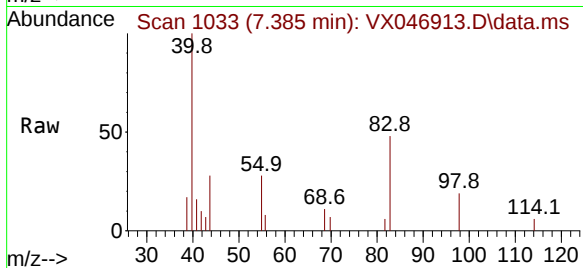
Tgt Ion: 83 Resp: 1474

Ion Ratio Lower Upper

83 100

55 73.5 63.0 94.4

98 38.9 38.5 57.7



#40

Benzene

Concen: 0.111 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX046913.D

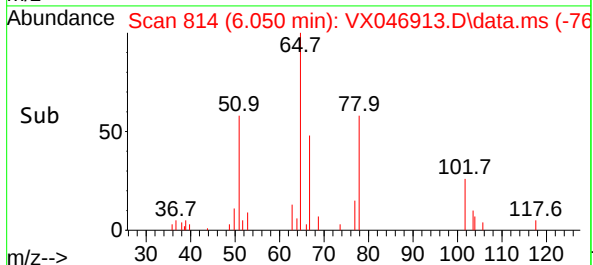
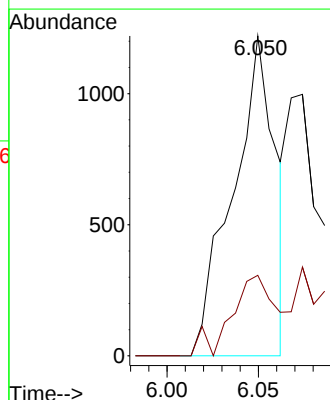
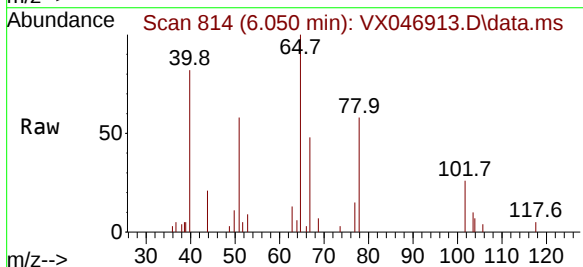
Acq: 08 Jul 2025 11:32

Tgt Ion: 78 Resp: 1968

Ion Ratio Lower Upper

78 100

77 25.2 18.7 28.1

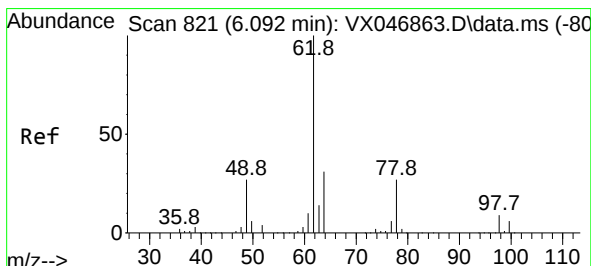
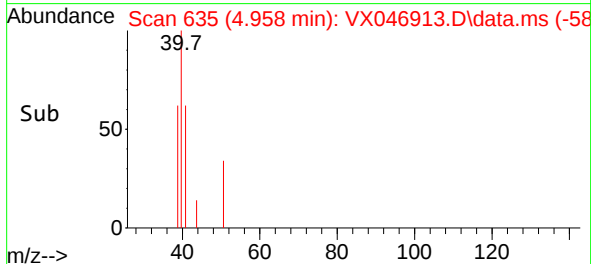
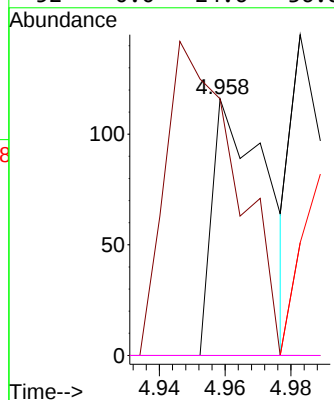
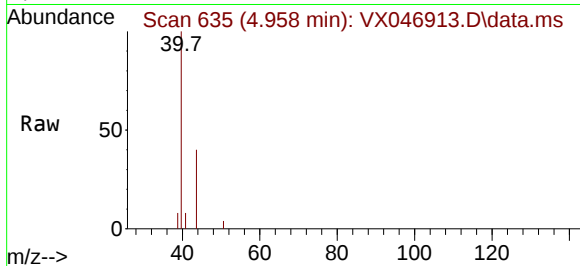




#41
Methacrylonitrile
Concen: 0.050 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.037 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

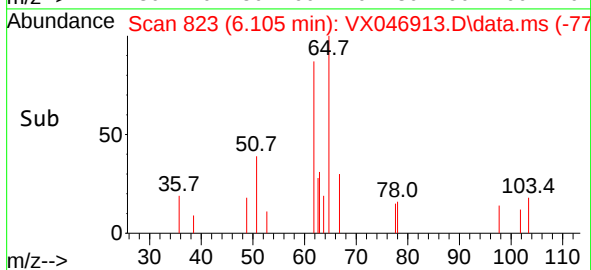
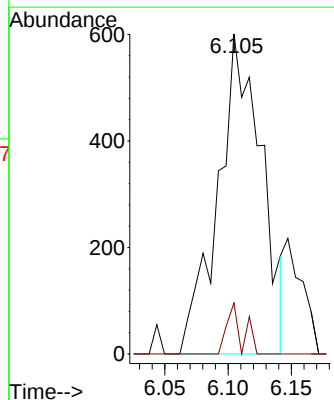
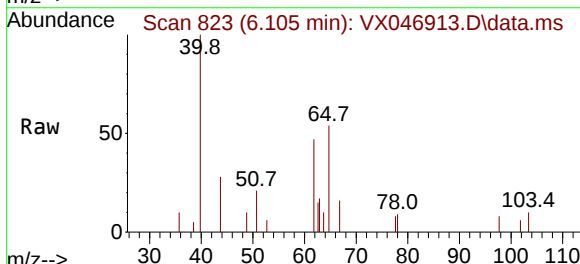
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

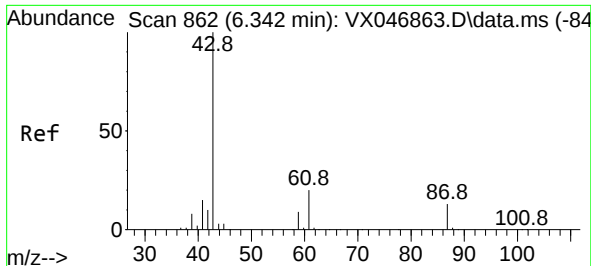
Tgt Ion:	41	Resp:	134
Ion	Ratio	Lower	Upper
41	100		
39	158.2	43.0	64.4#
67	0.0	60.2	90.2#
52	0.0	24.6	36.8#



#42
1,2-Dichloroethane
Concen: 0.238 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:	62	Resp:	1431
Ion	Ratio	Lower	Upper
62	100		
98	5.6	0.0	19.4

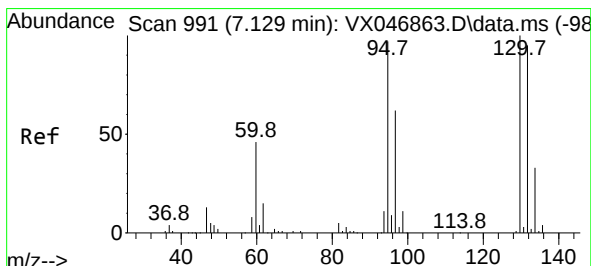
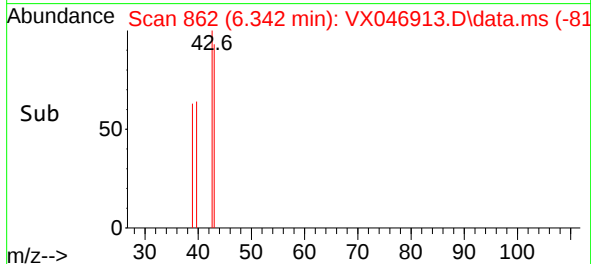
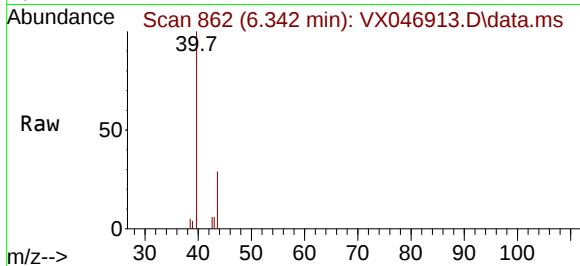




#43
Isopropyl Acetate
Concen: 0.047 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

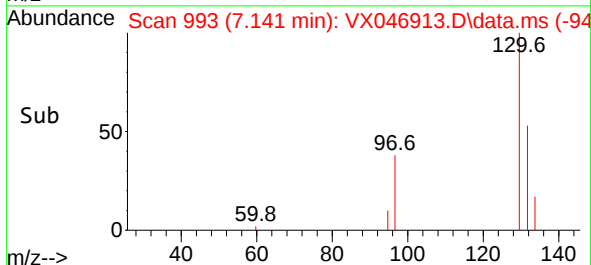
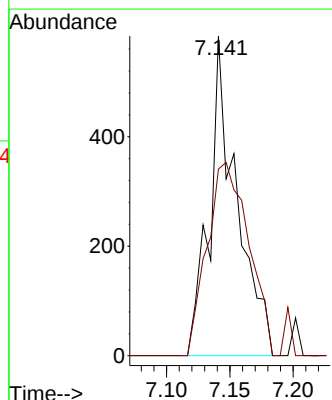
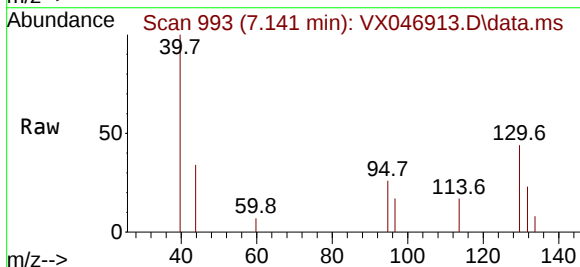
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.1 15.1#



#44
Trichloroethene
Concen: 0.189 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:130 Resp: 868
Ion Ratio Lower Upper
130 100
95 58.4 0.0 194.2





#45

1,2-Dichloropropane

Concen: 0.186 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

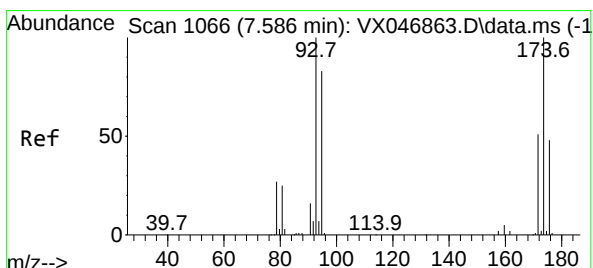
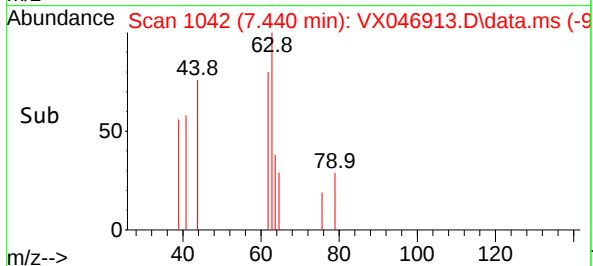
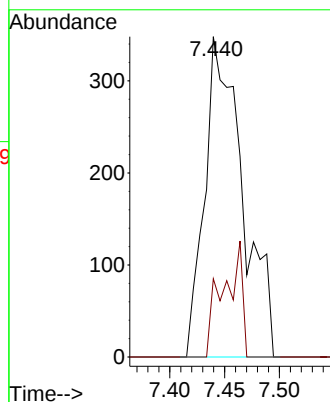
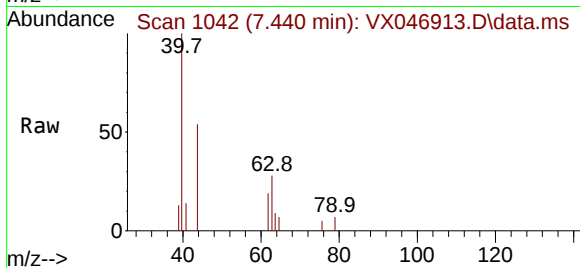
MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 832

Ion Ratio Lower Upper

63 100

65 18.5 24.2 36.2#



#46

Dibromomethane

Concen: 0.182 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. 0.018 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

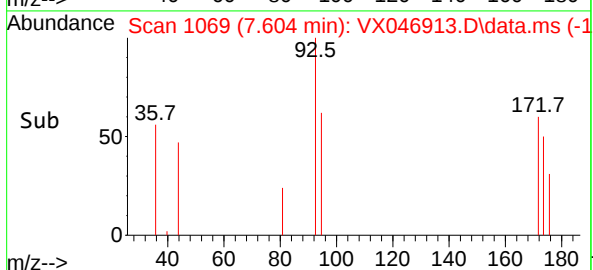
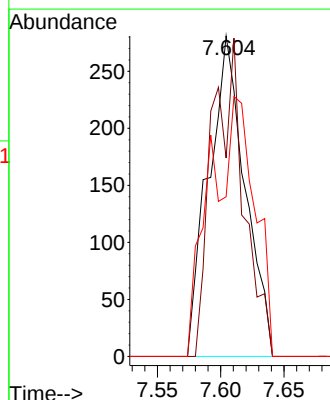
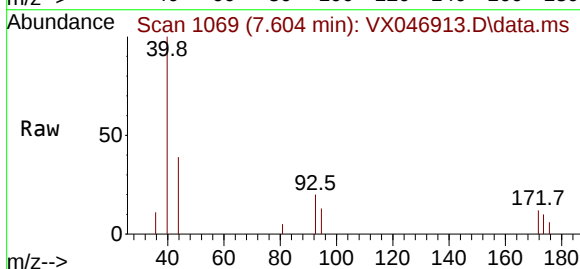
Tgt Ion: 93 Resp: 564

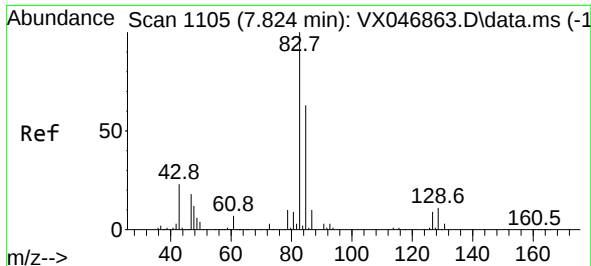
Ion Ratio Lower Upper

93 100

95 86.2 66.6 99.8

174 98.8 77.4 116.2

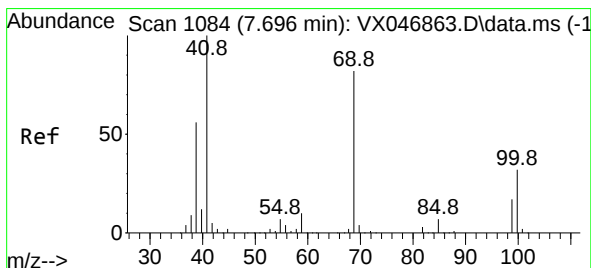
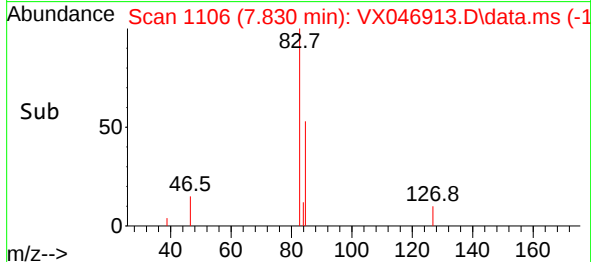
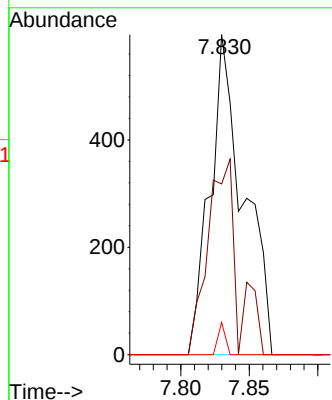
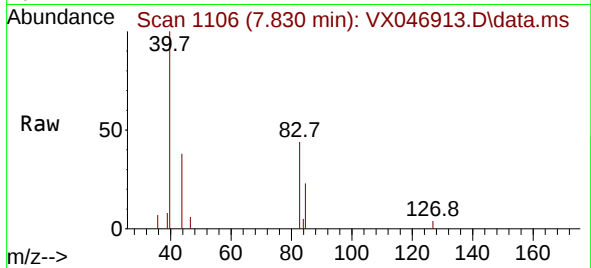




#47
Bromodichloromethane
Concen: 0.154 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

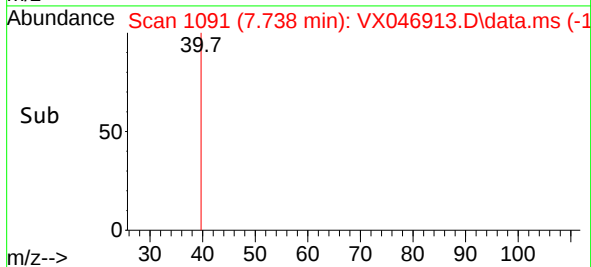
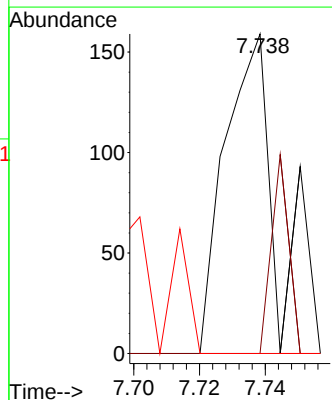
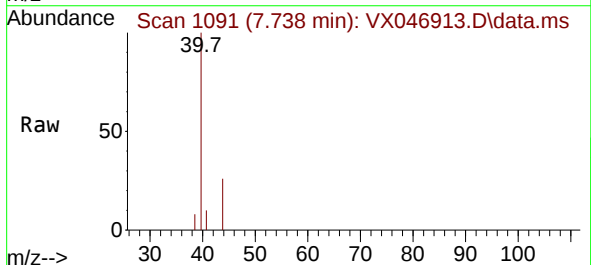
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

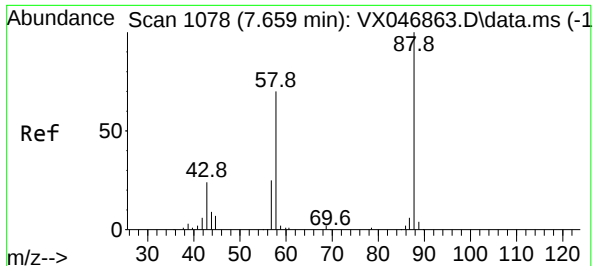
Tgt Ion: 83 Resp: 1016
Ion Ratio Lower Upper
83 100
85 53.4 50.2 75.4
127 10.1 7.1 10.7



#48
Methyl methacrylate
Concen: 0.036 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.043 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 41 Resp: 142
Ion Ratio Lower Upper
41 100
69 25.4 65.8 98.8#
39 0.0 43.8 65.6#





#49

1,4-Dioxane

Concen: 0.460 ug/l

RT: 7.745 min Scan# 1092

Delta R.T. 0.085 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

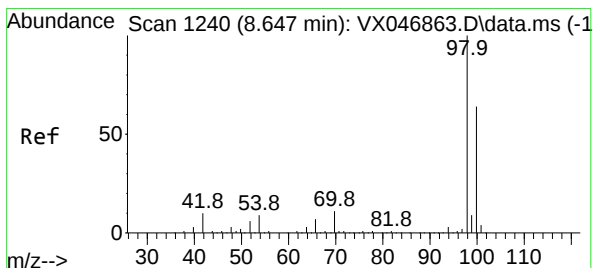
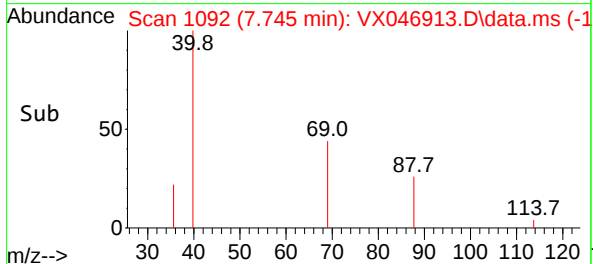
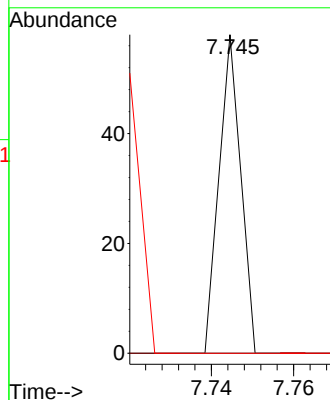
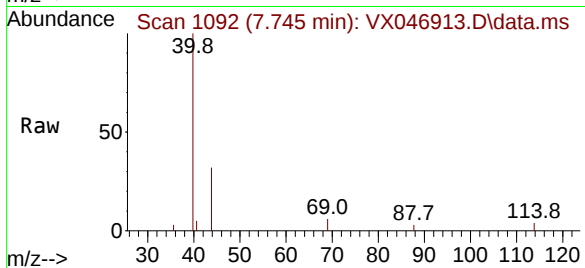
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 31.7 47.5#

58 0.0 57.5 86.3#



#50

Toluene-d8

Concen: 48.845 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046913.D

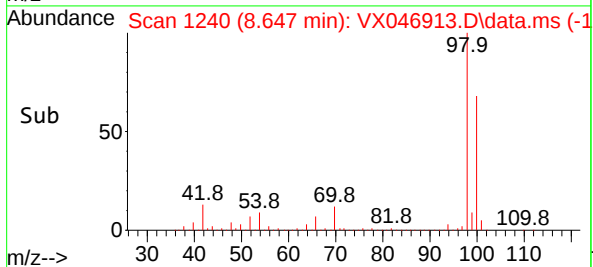
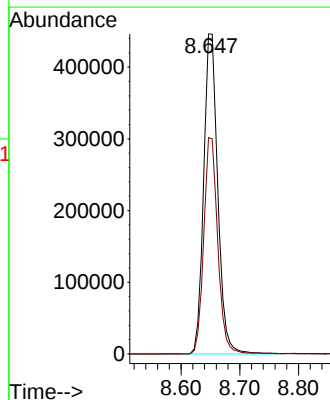
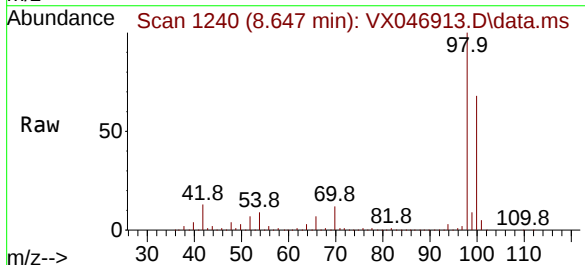
Acq: 08 Jul 2025 11:32

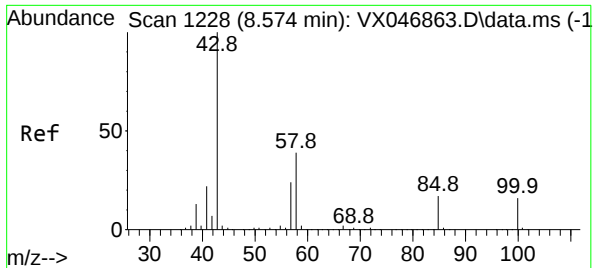
Tgt Ion: 98 Resp: 746478

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6

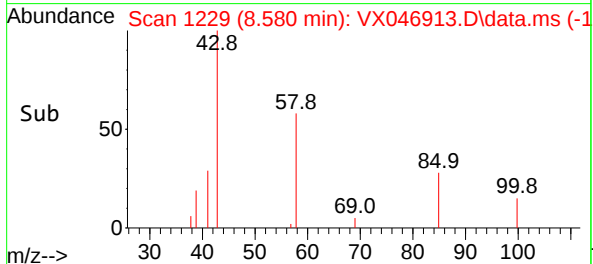
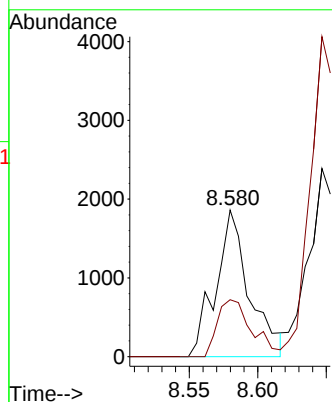
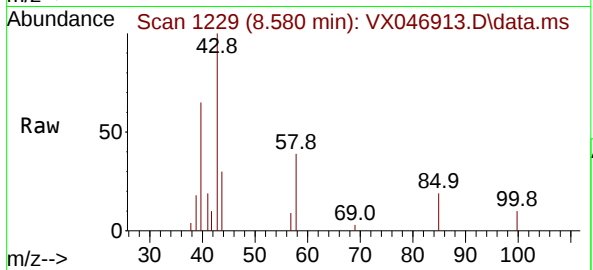




#51
4-Methyl-2-Pentanone
Concen: 0.706 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

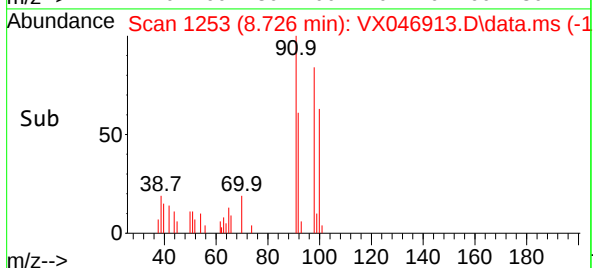
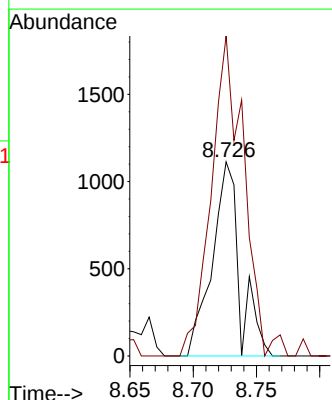
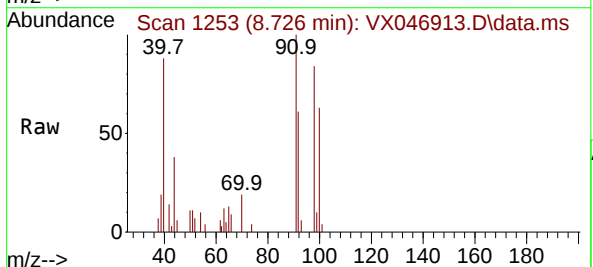
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 0.153 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 92 Resp: 1676
Ion Ratio Lower Upper
92 100
91 196.5 137.9 206.9

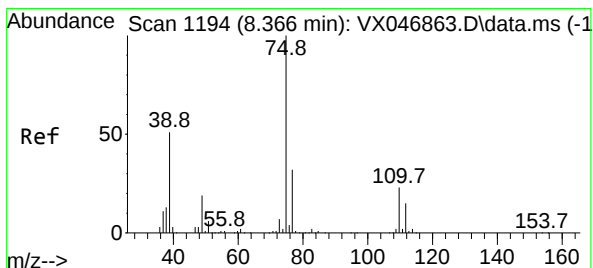
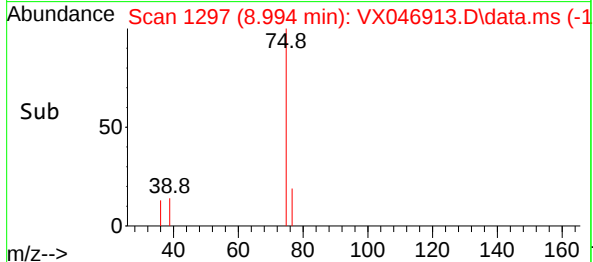
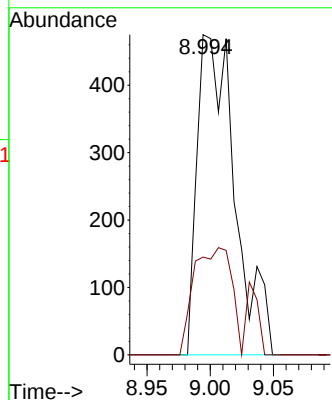
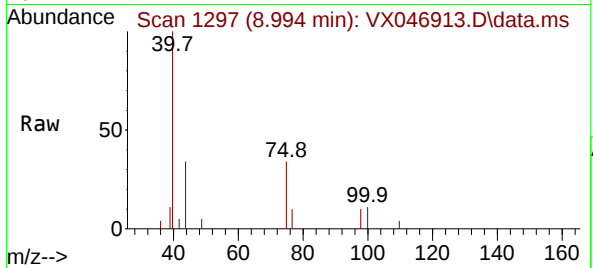




#53
t-1,3-Dichloropropene
Concen: 0.167 ug/l
RT: 8.994 min Scan# 1197
Delta R.T. 0.018 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

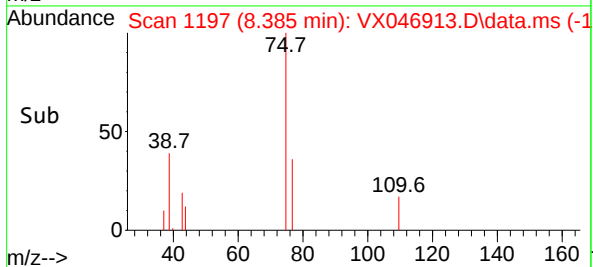
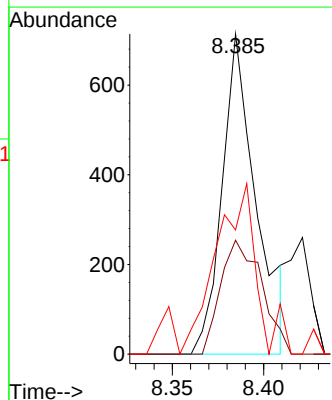
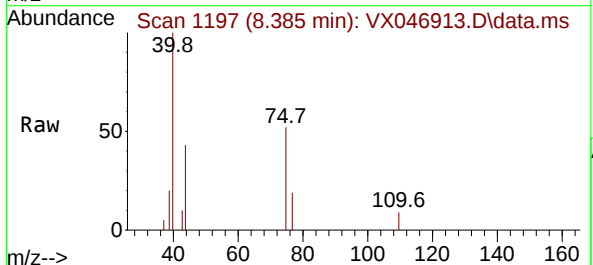
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

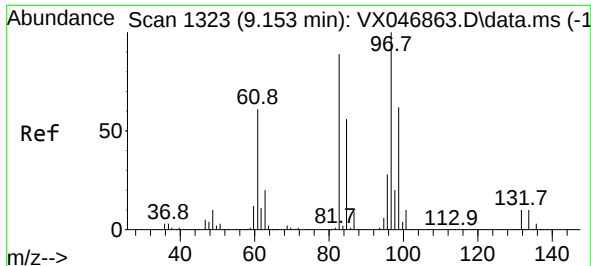
Tgt Ion: 75 Resp: 987
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 0.137 ug/l
RT: 8.385 min Scan# 1197
Delta R.T. 0.018 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.2
39 23.1 40.7 61.1#

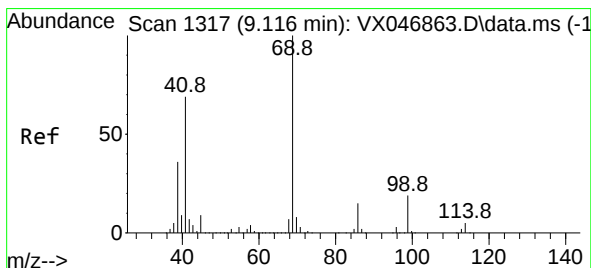
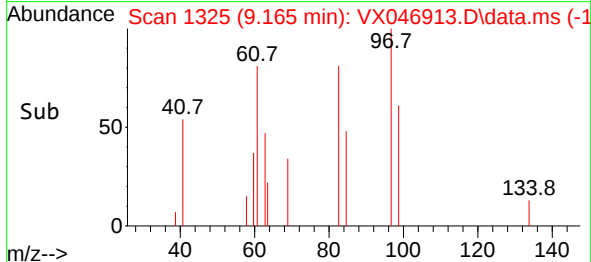
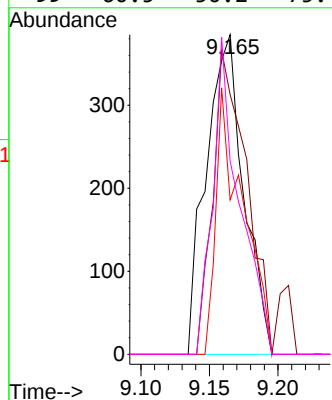
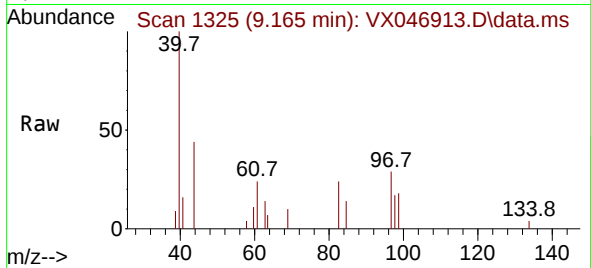




#55
1,1,2-Trichloroethane
Concen: 0.180 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

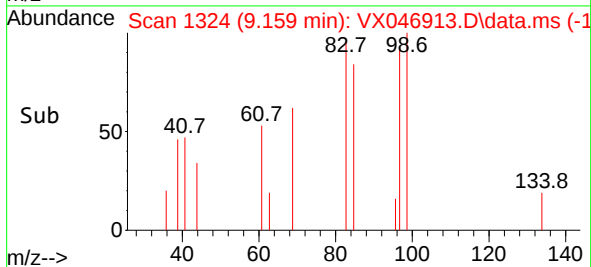
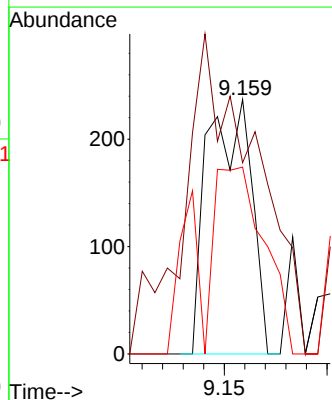
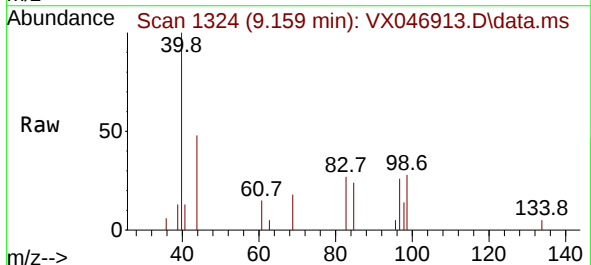
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

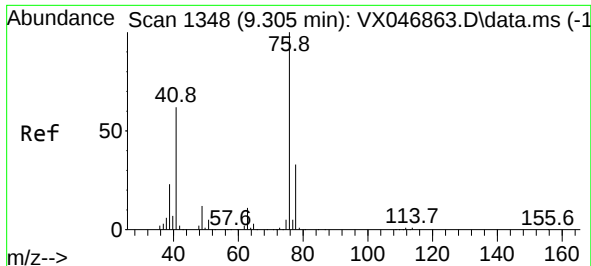
Tgt Ion: 97	Resp: 734
Ion Ratio	Lower Upper
97 100	
83 81.3	70.9 106.3
85 48.3	44.6 67.0
99 60.5	50.2 75.4



#56
Ethyl methacrylate
Concen: 0.063 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.043 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 69	Resp: 353
Ion Ratio	Lower Upper
69 100	
41 0.0	54.6 82.0#
39 83.9	28.7 43.1#





#57

1,3-Dichloropropane

Concen: 0.154 ug/l

RT: 9.323 min Scan# 1180

Delta R.T. 0.018 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

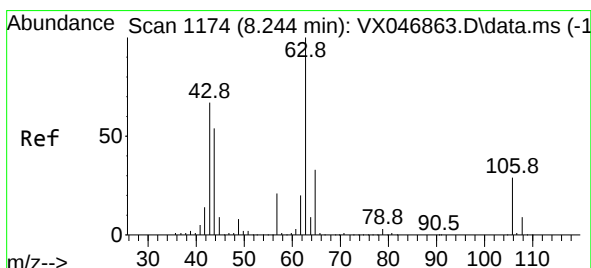
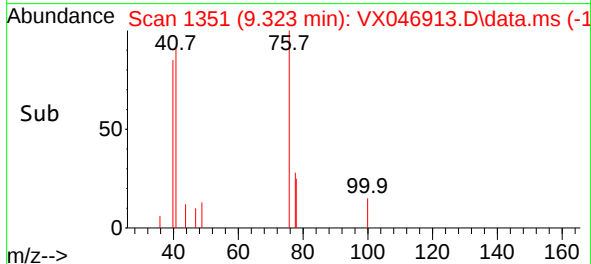
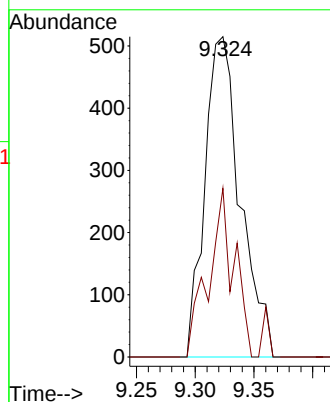
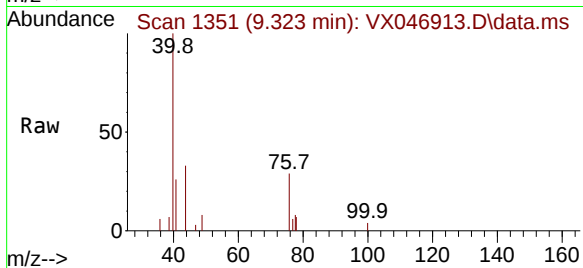
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 1082

Ion Ratio Lower Upper

76 100

78 38.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 0.452 ug/l

RT: 8.281 min Scan# 1180

Delta R.T. 0.037 min

Lab File: VX046913.D

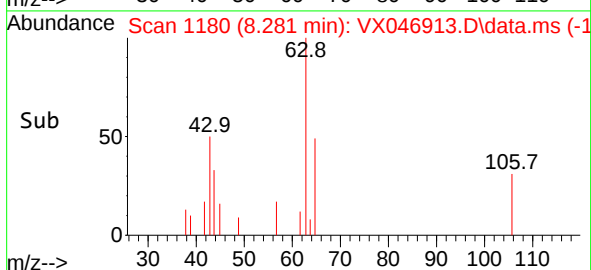
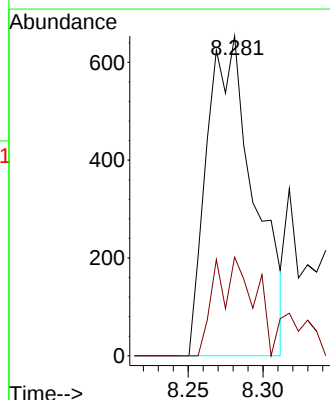
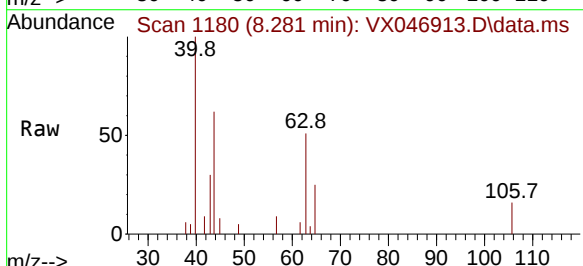
Acq: 08 Jul 2025 11:32

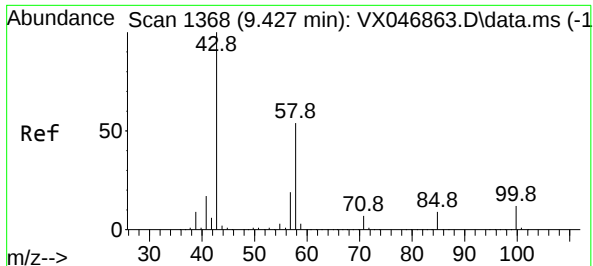
Tgt Ion: 63 Resp: 1437

Ion Ratio Lower Upper

63 100

106 25.1 22.6 33.8





#59

2-Hexanone

Concen: 0.324 ug/l

RT: 9.476 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

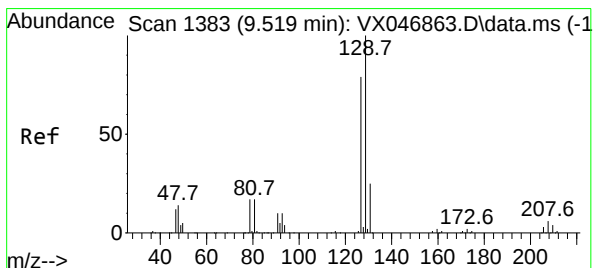
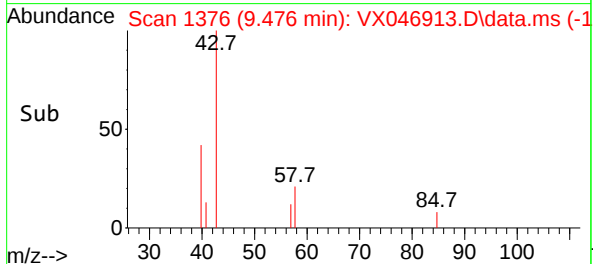
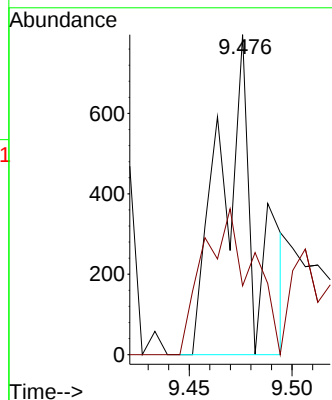
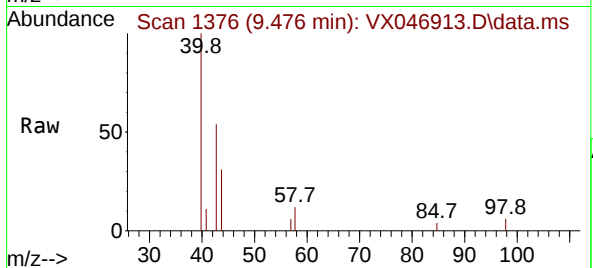
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 968

Ion Ratio Lower Upper

43 100

58 62.4 27.1 81.3



#60

Dibromochloromethane

Concen: 0.189 ug/l

RT: 9.531 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VX046913.D

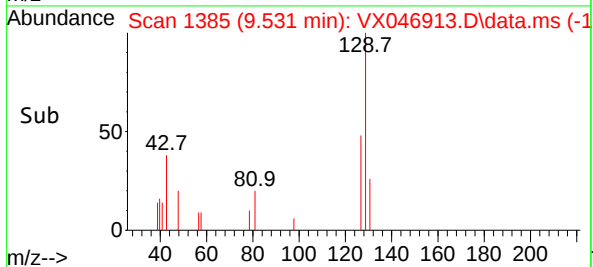
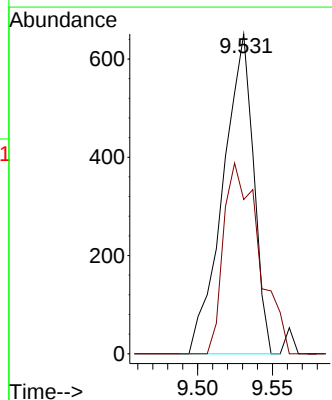
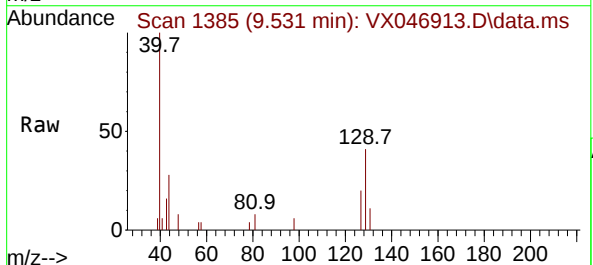
Acq: 08 Jul 2025 11:32

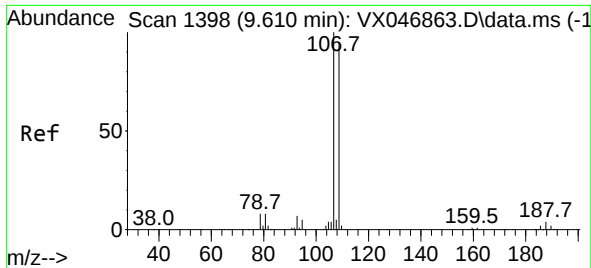
Tgt Ion: 129 Resp: 923

Ion Ratio Lower Upper

129 100

127 69.0 39.1 117.5

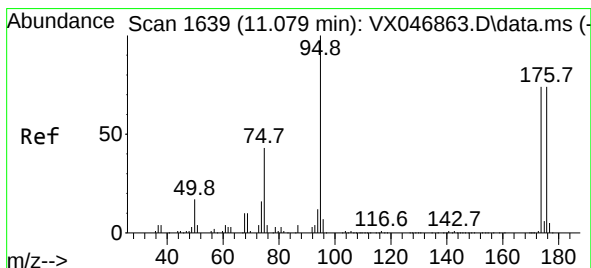
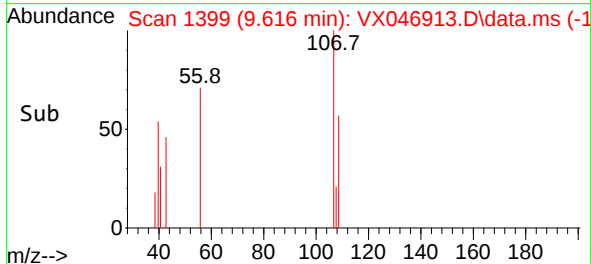
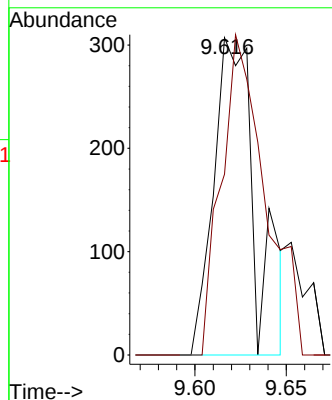
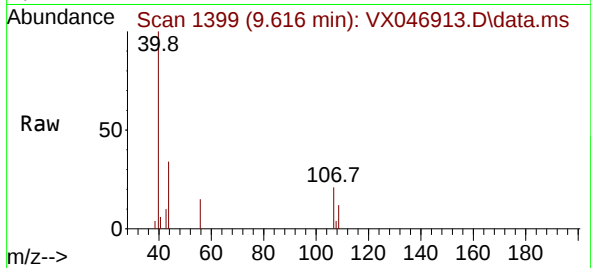




#61
1,2-Dibromoethane
Concen: 0.120 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

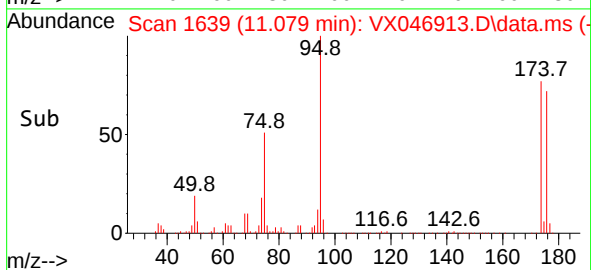
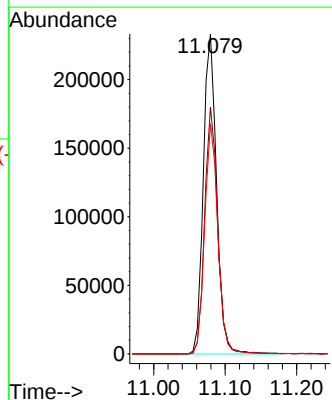
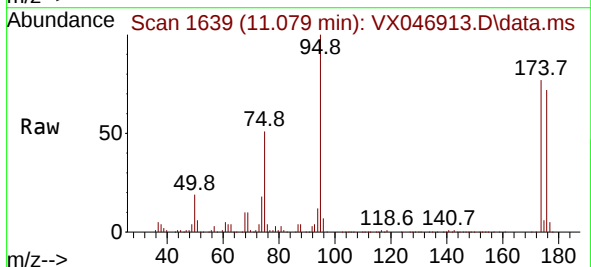
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

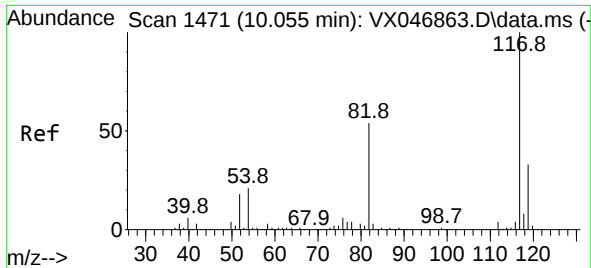
Tgt Ion:107 Resp: 493
Ion Ratio Lower Upper
107 100
109 105.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 95 Resp: 300130
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.0
176 71.9 0.0 145.2

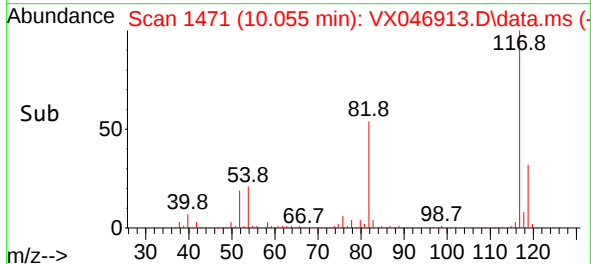
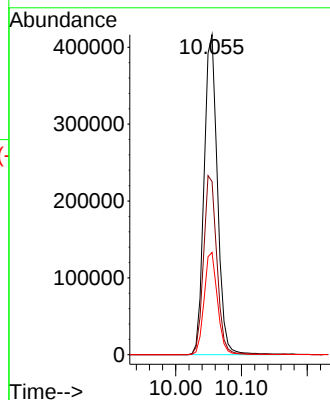
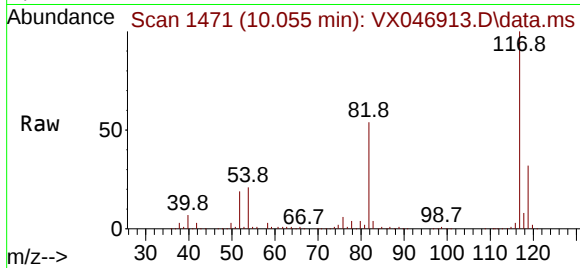




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

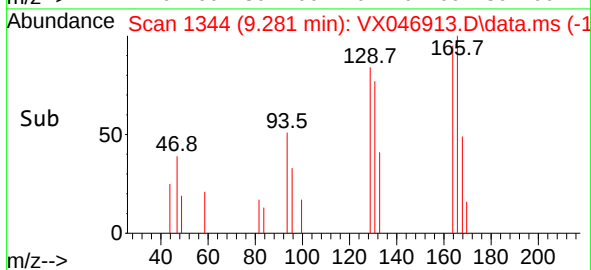
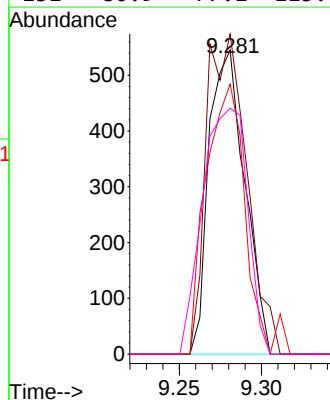
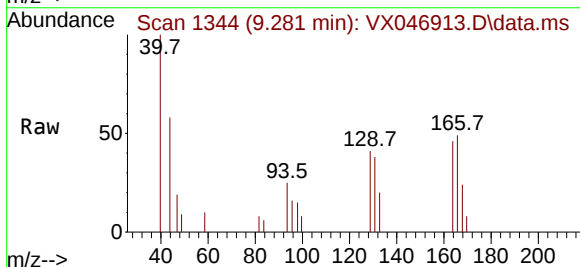
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

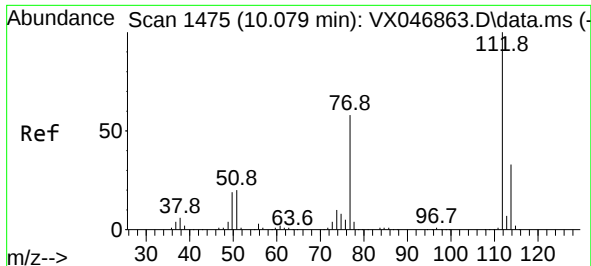
Tgt Ion:117 Resp: 589137
Ion Ratio Lower Upper
117 100
82 54.1 43.3 64.9
119 32.0 26.4 39.6



#64
Tetrachloroethene
Concen: 0.210 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:164 Resp: 824
Ion Ratio Lower Upper
164 100
166 105.3 107.0 160.6#
129 88.8 79.7 119.5
131 80.9 77.1 115.7

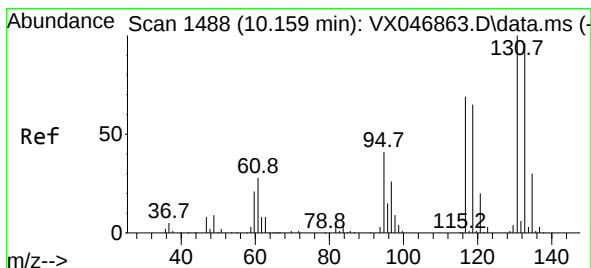
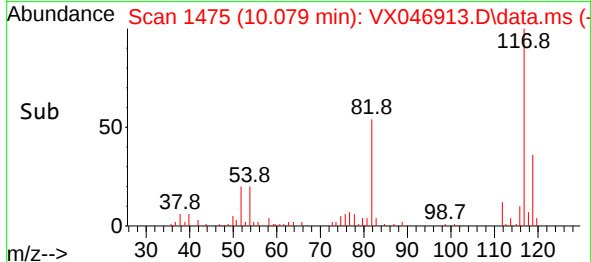
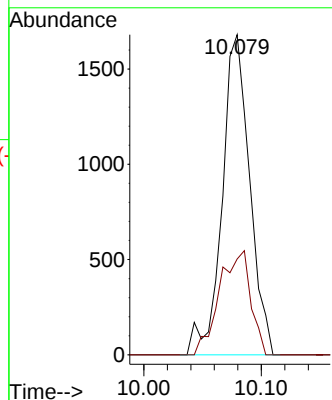
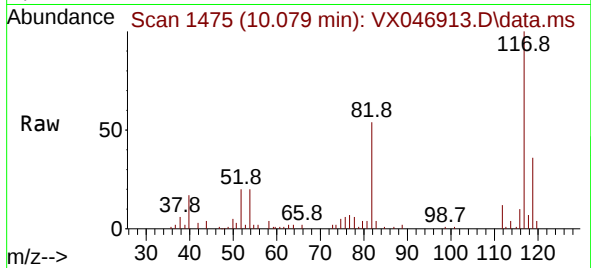




#65
Chlorobenzene
Concen: 0.215 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

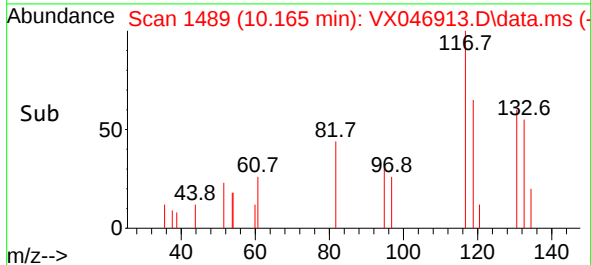
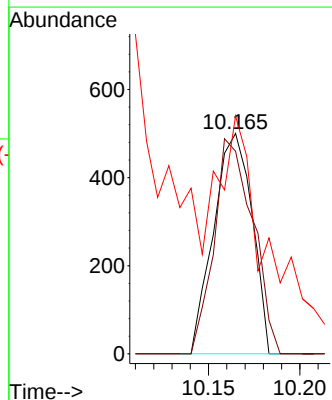
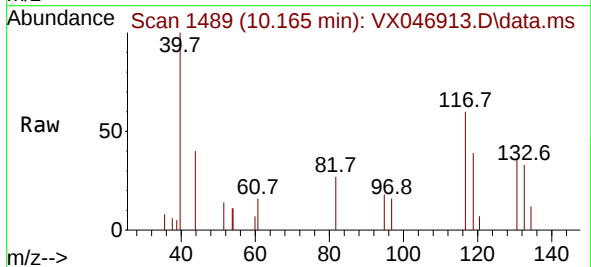
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

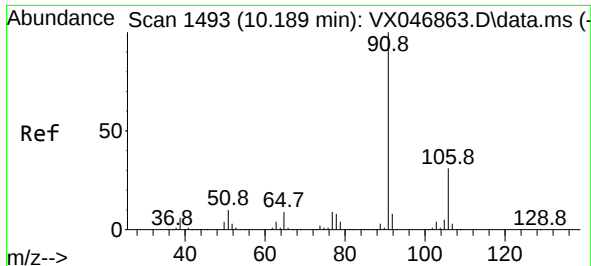
Tgt Ion:112 Resp: 2736
Ion Ratio Lower Upper
112 100
114 27.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.171 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:131 Resp: 732
Ion Ratio Lower Upper
131 100
133 98.4 47.6 142.9
119 0.0 32.4 97.2#





#67

Ethyl Benzene

Concen: 0.154 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

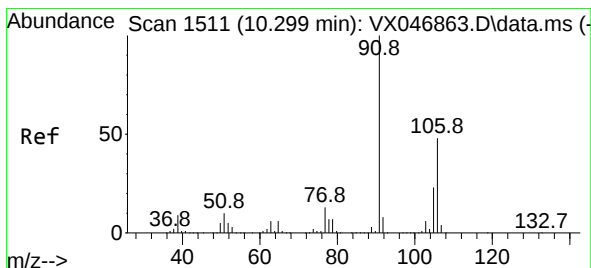
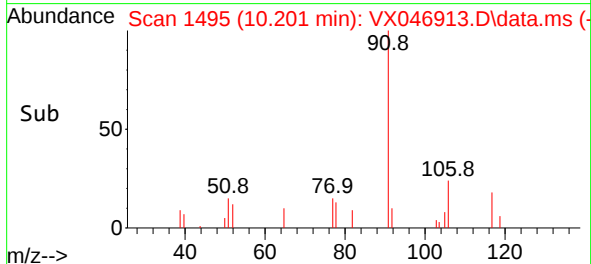
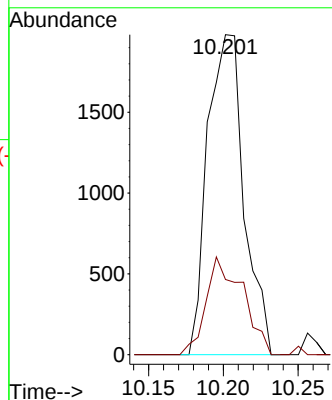
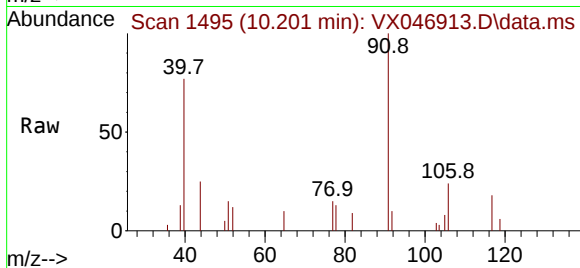
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 3357

Ion Ratio Lower Upper

91 100

106 21.4 24.4 36.6#



#68

m/p-Xylenes

Concen: 0.318 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046913.D

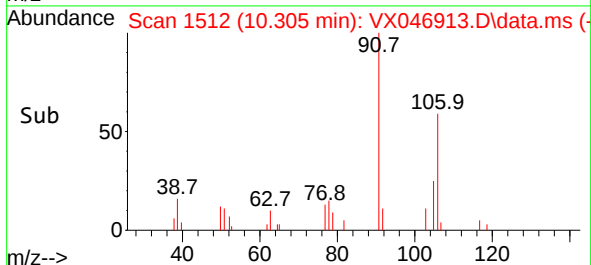
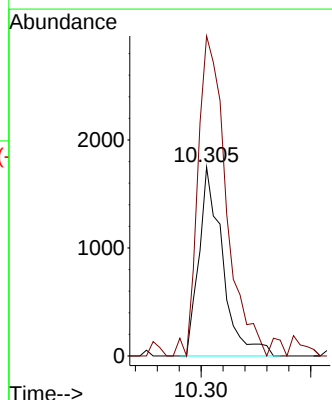
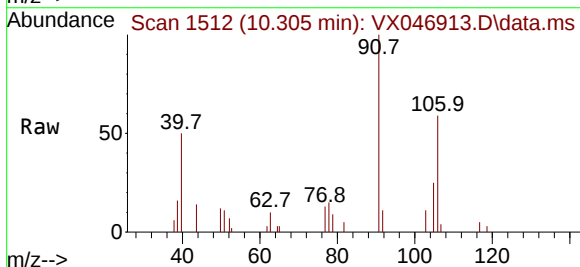
Acq: 08 Jul 2025 11:32

Tgt Ion: 106 Resp: 2615

Ion Ratio Lower Upper

106 100

91 202.8 164.6 246.8

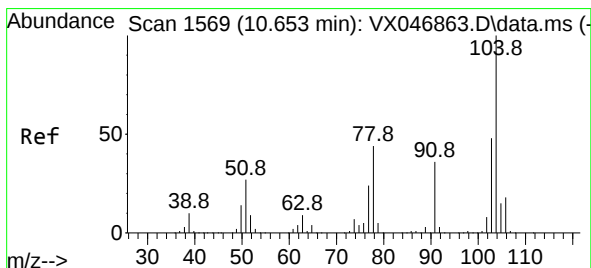
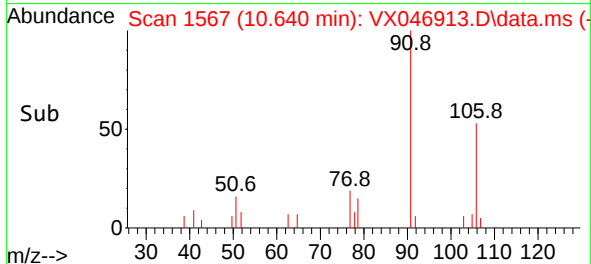
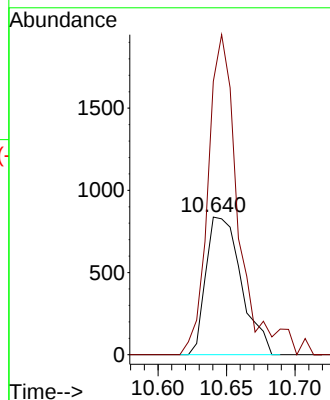
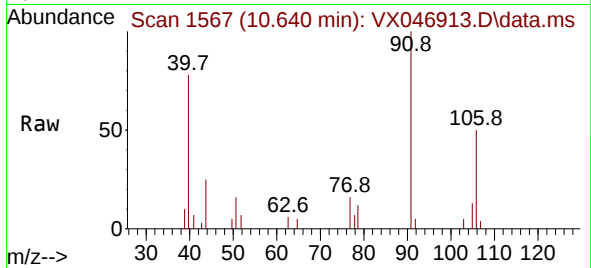




#69
o-Xylene
Concen: 0.189 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

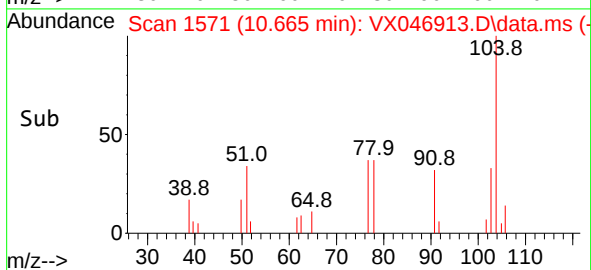
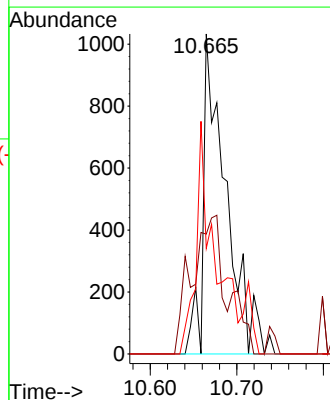
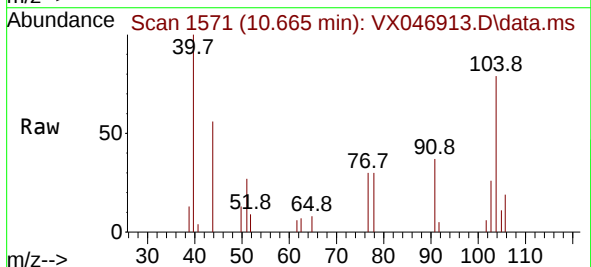
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

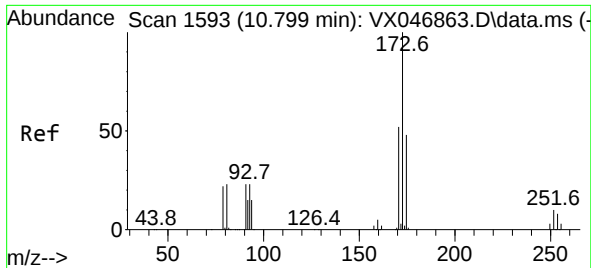
Tgt Ion:106 Resp: 1503
Ion Ratio Lower Upper
106 100
91 200.9 109.5 328.5



#70
Styrene
Concen: 0.140 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:104 Resp: 1897
Ion Ratio Lower Upper
104 100
78 55.2 40.3 60.5
103 60.8 42.8 64.2

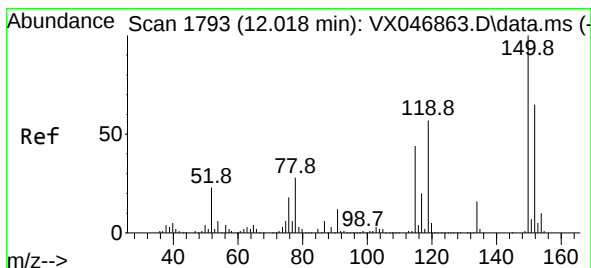
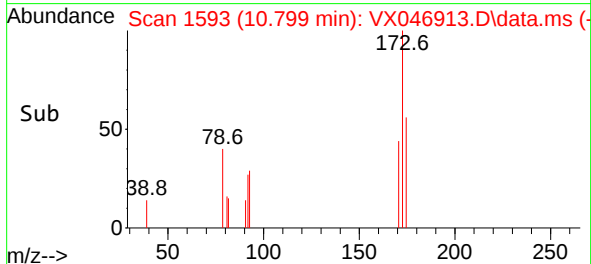
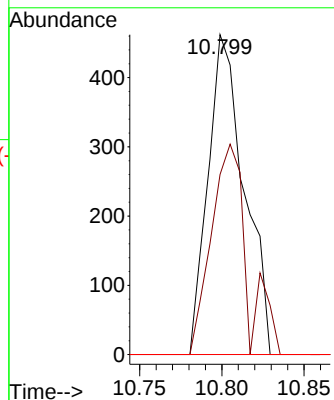
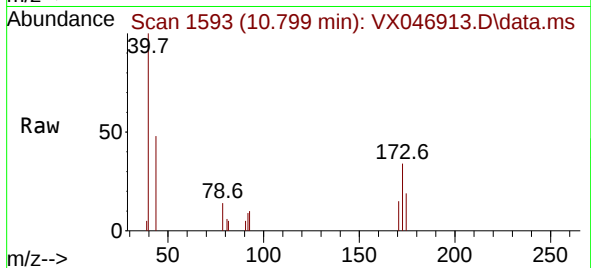




#71
Bromoform
Concen: 0.222 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

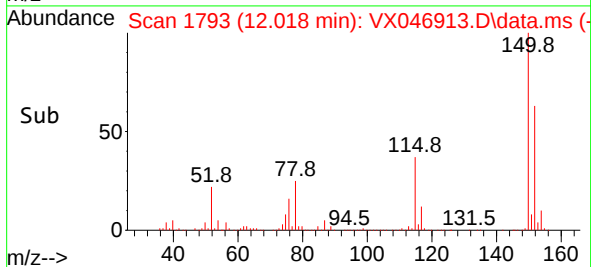
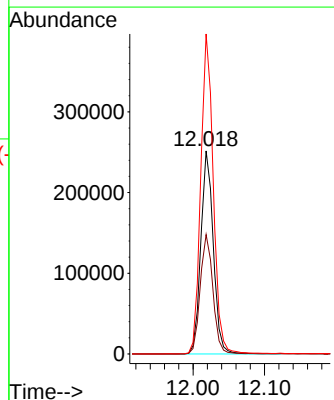
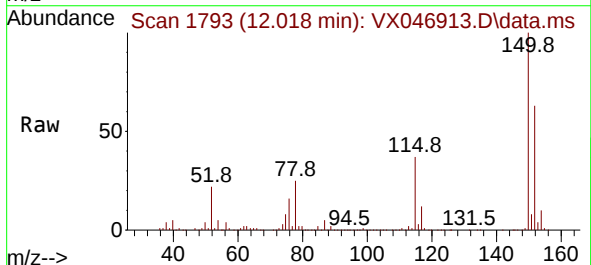
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

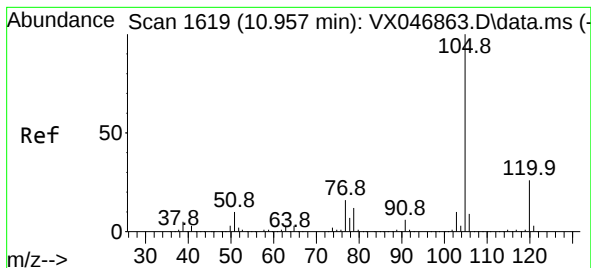
Tgt Ion:173 Resp: 707
Ion Ratio Lower Upper
173 100
175 64.8 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:152 Resp: 304916
Ion Ratio Lower Upper
152 100
115 59.8 42.4 127.1
150 158.4 0.0 349.2





#73

Isopropylbenzene

Concen: 0.166 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

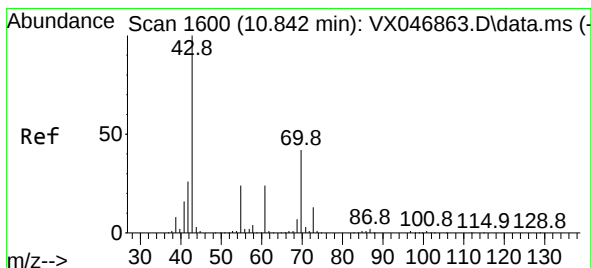
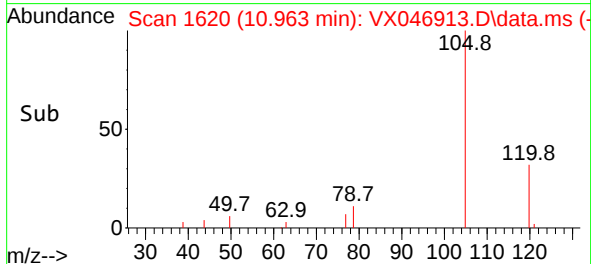
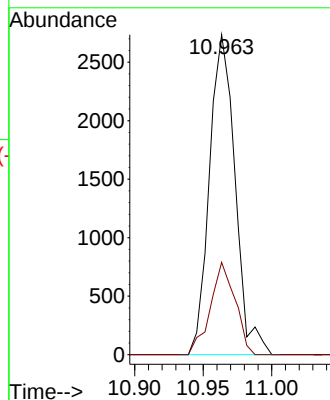
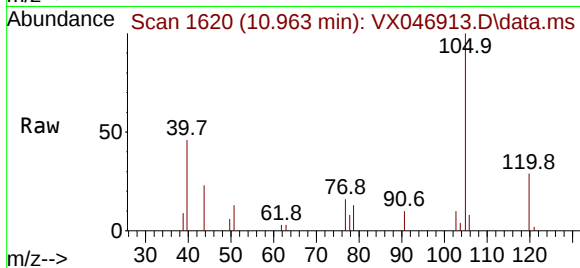
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 3556

Ion Ratio Lower Upper

105 100

120 27.9 13.2 39.5



#74

N-ethyl acetate

Concen: 0.037 ug/l

RT: 10.835 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Tgt Ion: 43 Resp: 266

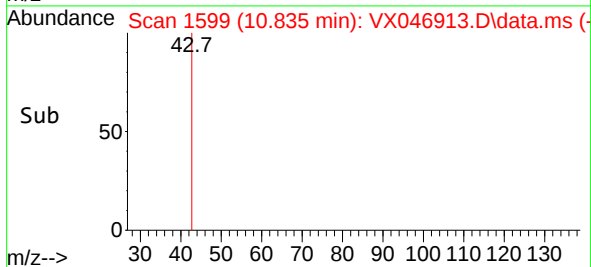
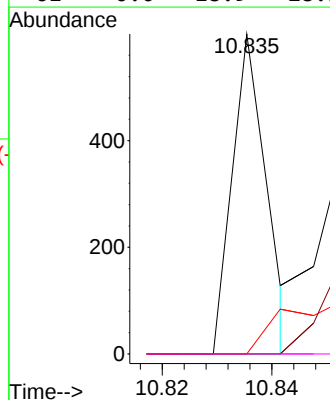
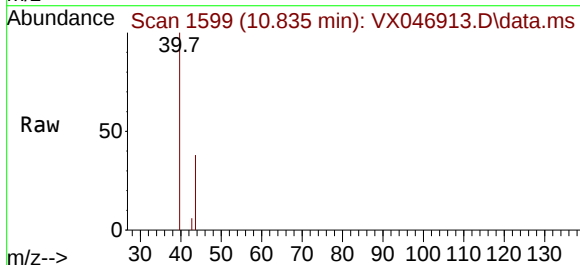
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 19.6 29.4#

61 0.0 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.135 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

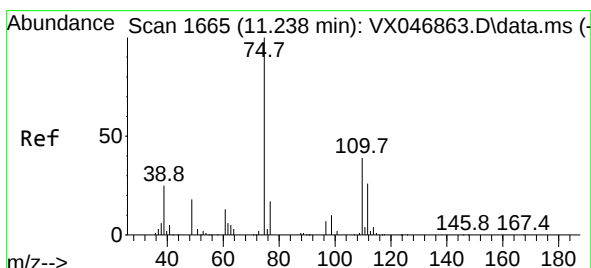
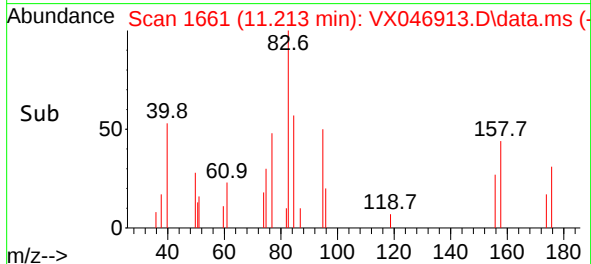
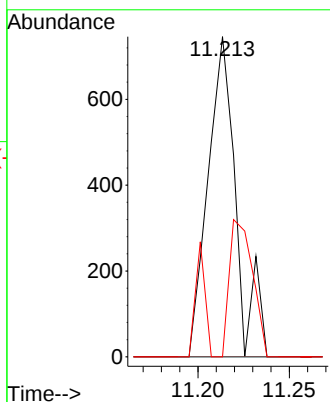
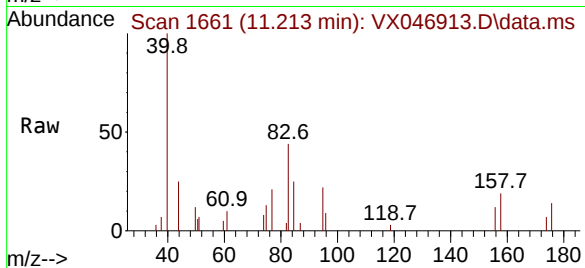
Tgt Ion: 83 Resp: 797

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 35.4 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 32.238 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046913.D

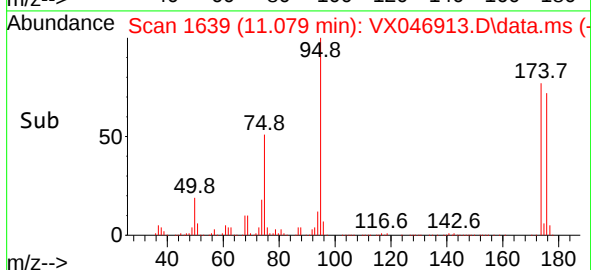
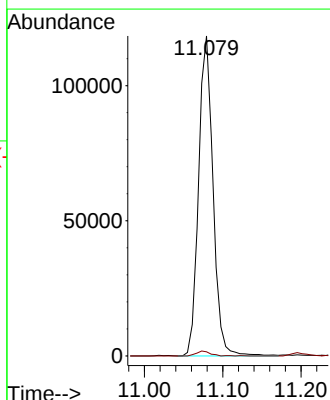
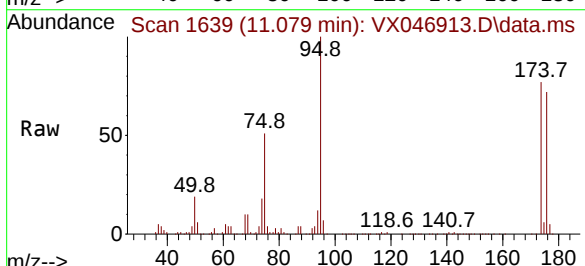
Acq: 08 Jul 2025 11:32

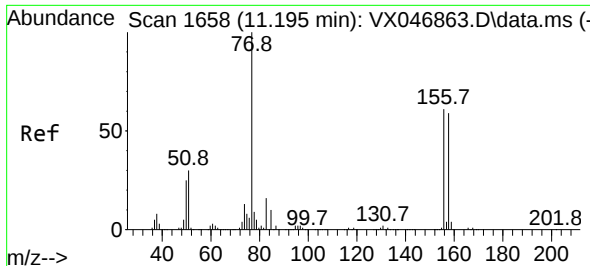
Tgt Ion: 75 Resp: 151885

Ion Ratio Lower Upper

75 100

77 1.5 20.6 61.8#

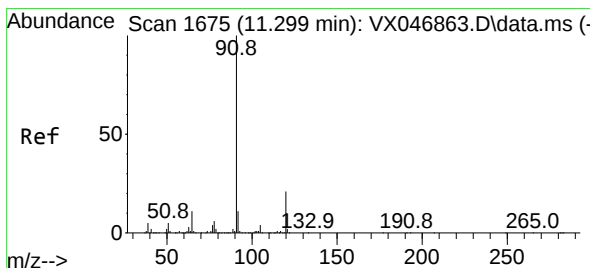
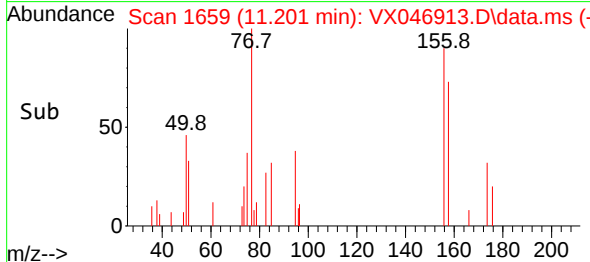
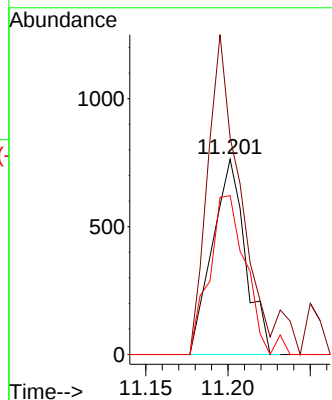
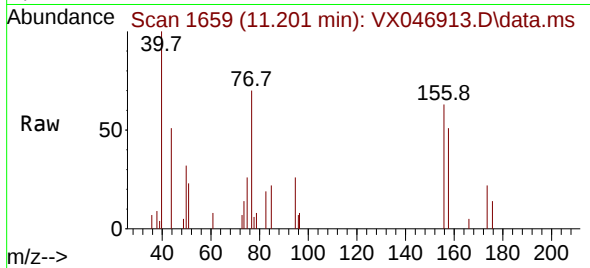




#77
Bromobenzene
Concen: 0.199 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

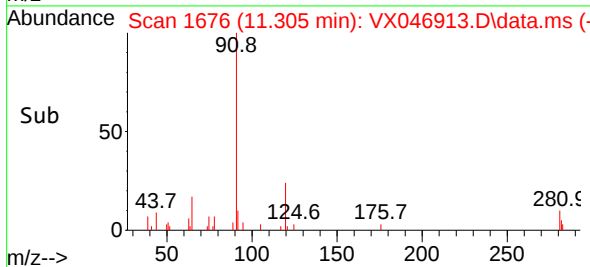
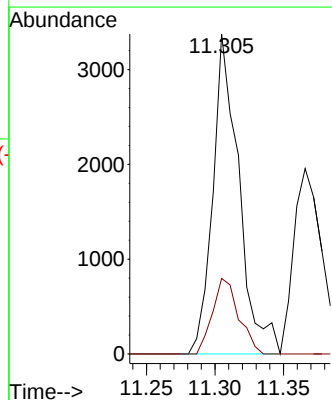
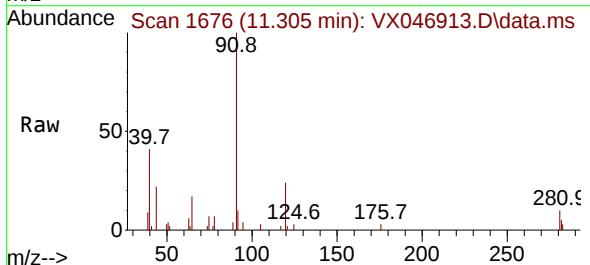
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

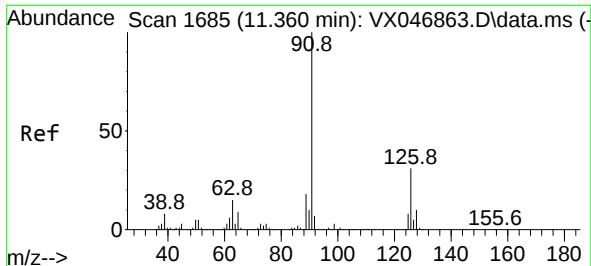
Tgt Ion:156 Resp: 1062
Ion Ratio Lower Upper
156 100
77 168.3 82.3 247.0
158 91.0 47.5 142.6



#78
n-propylbenzene
Concen: 0.173 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 91 Resp: 4460
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.188 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

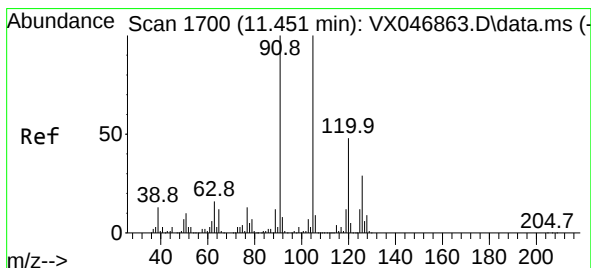
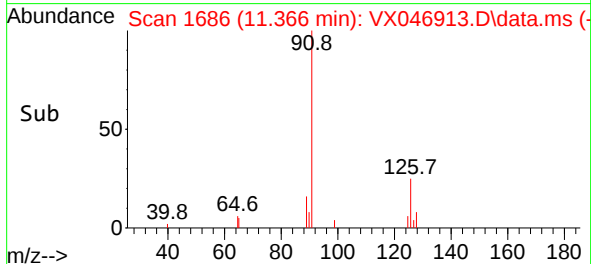
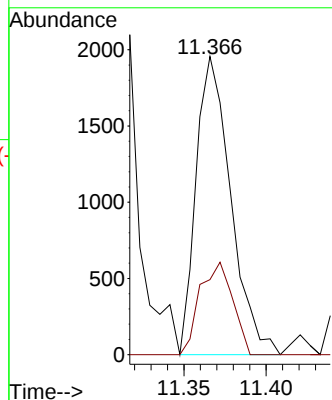
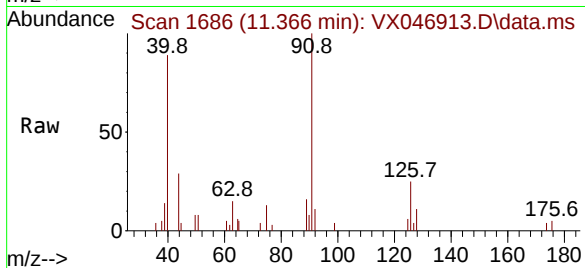
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 2867

Ion Ratio Lower Upper

91 100

126 29.2 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.168 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046913.D

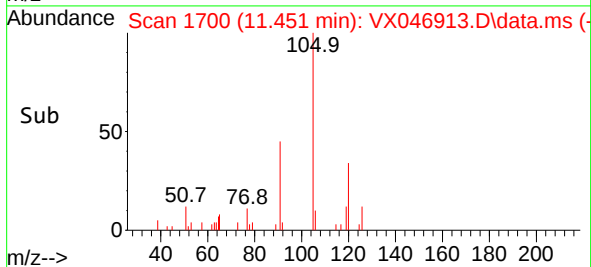
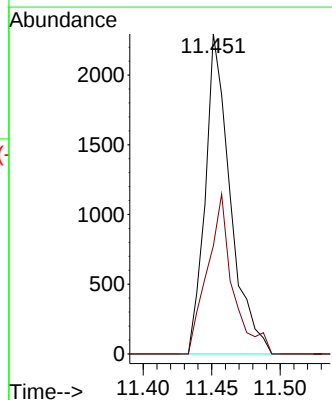
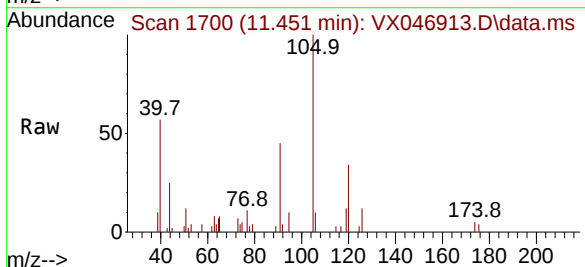
Acq: 08 Jul 2025 11:32

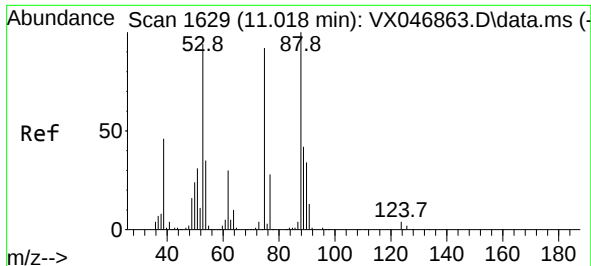
Tgt Ion: 105 Resp: 2918

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.4

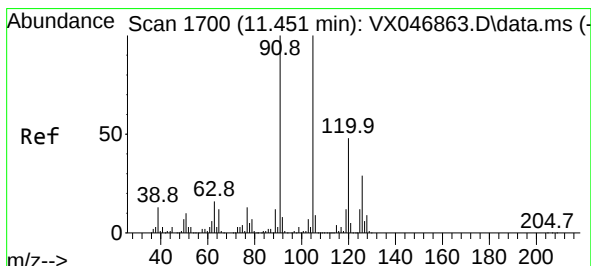
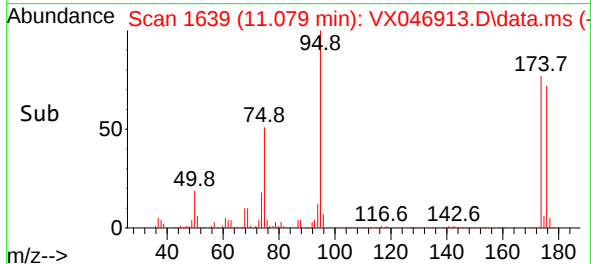
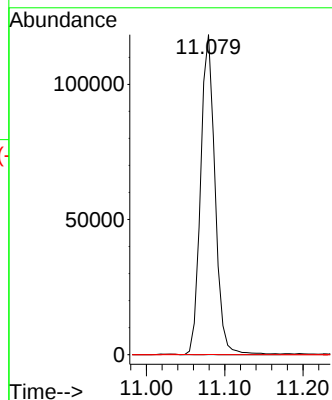
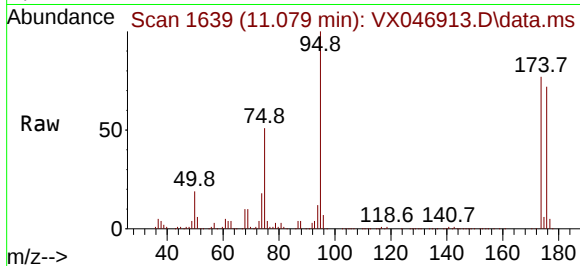




#81
trans-1,4-Dichloro-2-butene
Concen: 86.510 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

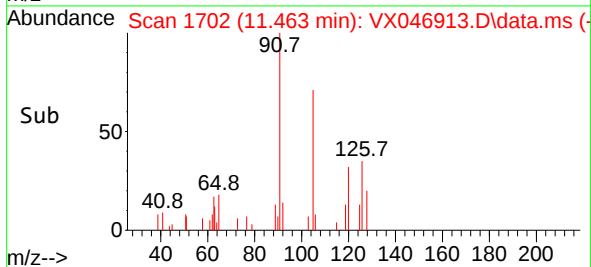
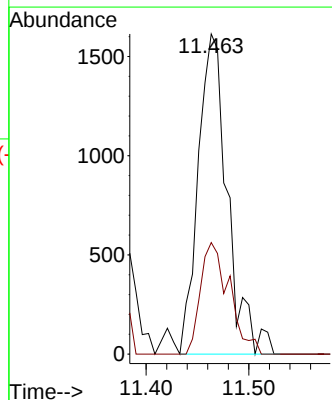
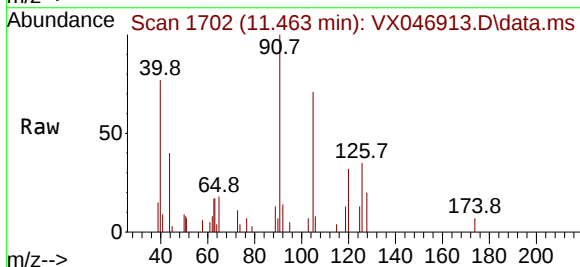
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

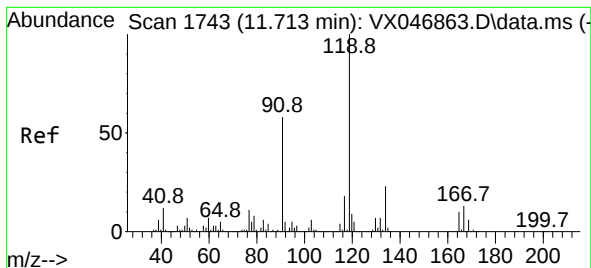
Tgt Ion: 75 Resp: 151885
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.182 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 91 Resp: 3207
Ion Ratio Lower Upper
91 100
126 34.3 14.6 44.0





#83

tert-Butylbenzene

Concen: 0.166 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046913.D

Acq: 08 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

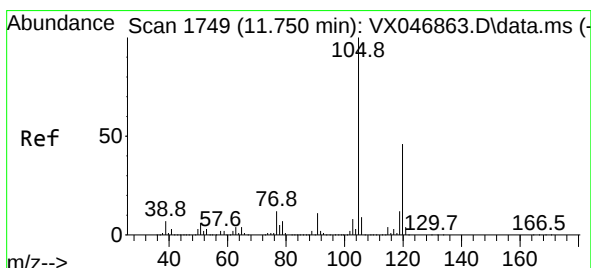
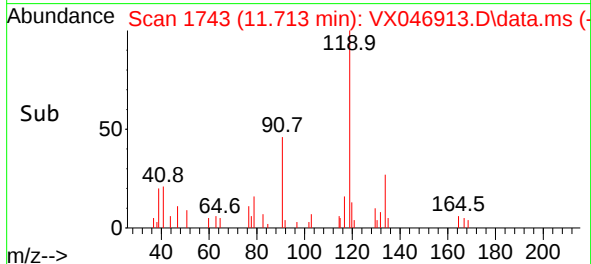
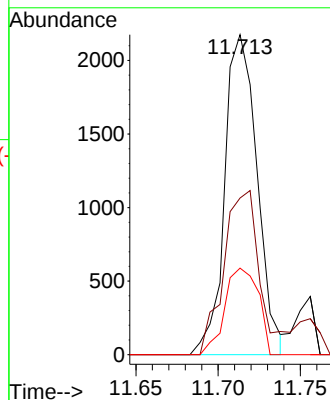
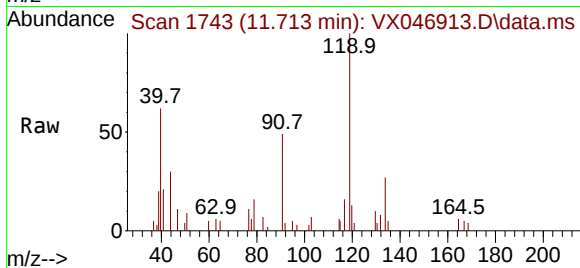
Tgt Ion:119 Resp: 2985

Ion Ratio Lower Upper

119 100

91 57.8 28.7 86.3

134 28.0 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 0.170 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX046913.D

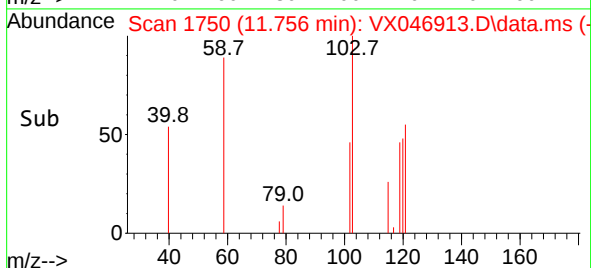
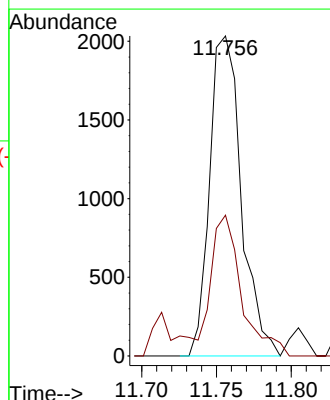
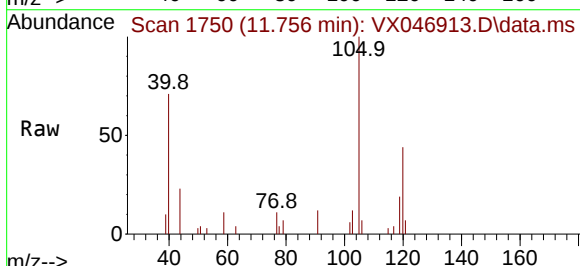
Acq: 08 Jul 2025 11:32

Tgt Ion:105 Resp: 2996

Ion Ratio Lower Upper

105 100

120 43.2 23.3 69.8

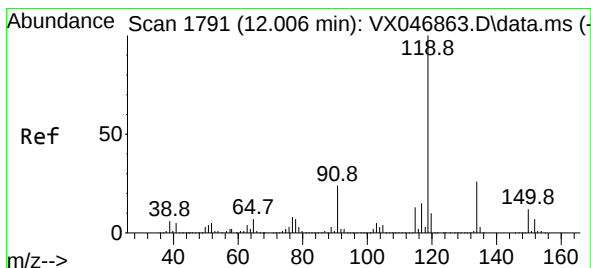
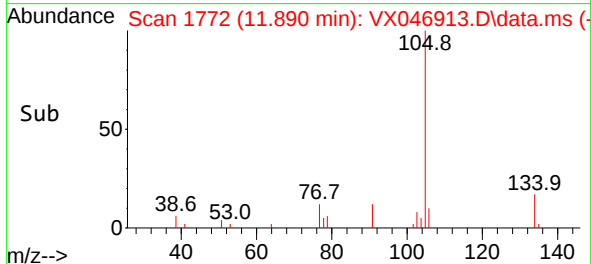
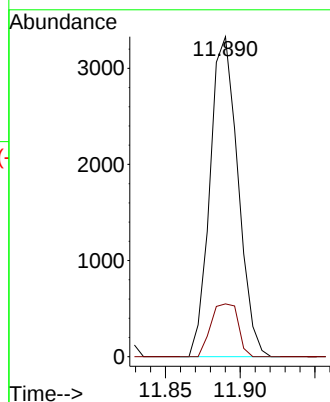
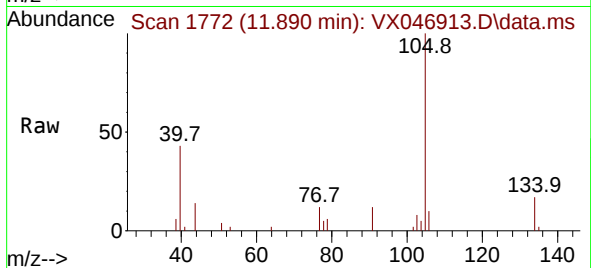




#85
 sec-Butylbenzene
 Concen: 0.191 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

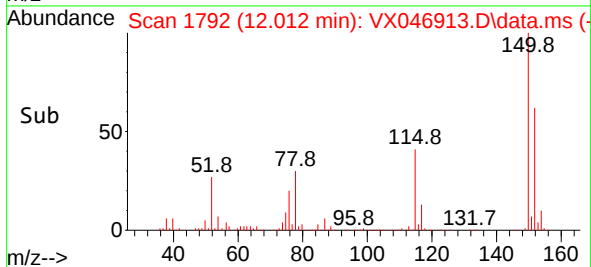
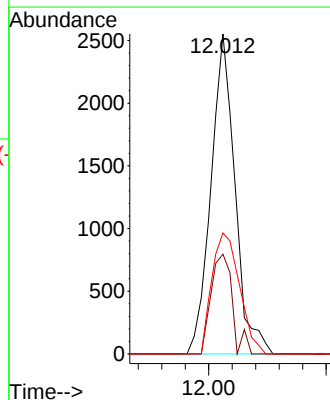
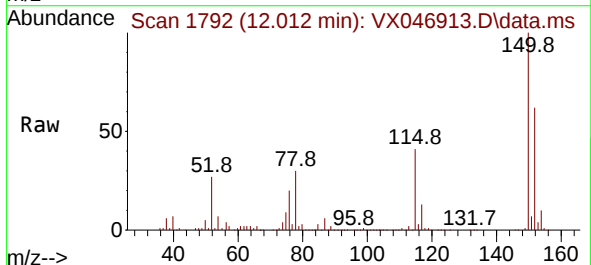
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 4332
 Ion Ratio Lower Upper
 105 100
 134 16.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.191 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

Tgt Ion:119 Resp: 3627
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 43.3 12.0 36.1#

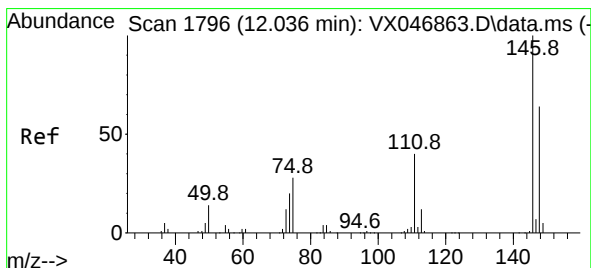
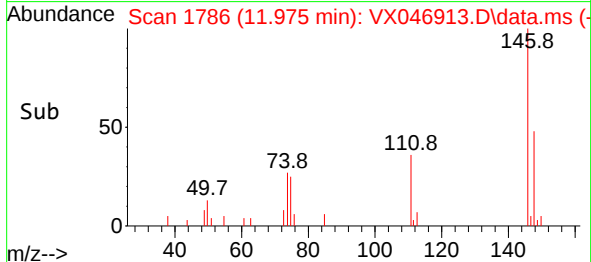
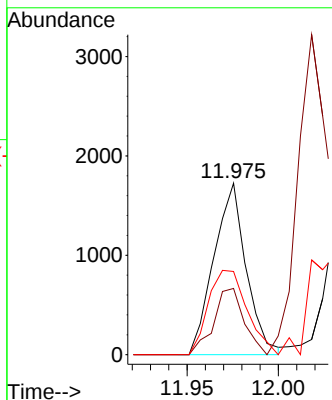
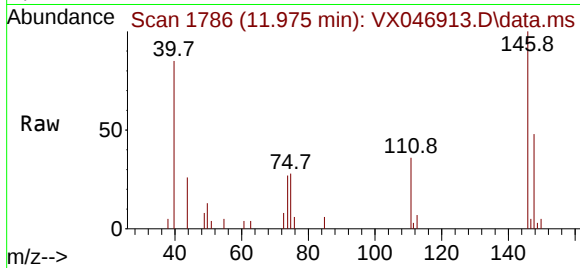




#87
 1,3-Dichlorobenzene
 Concen: 0.213 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.012 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

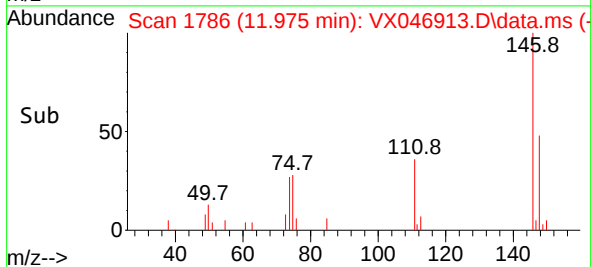
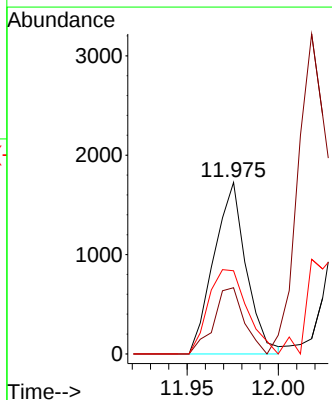
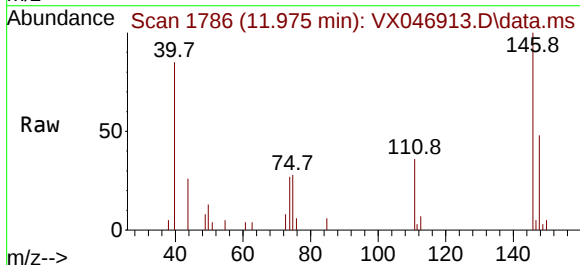
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

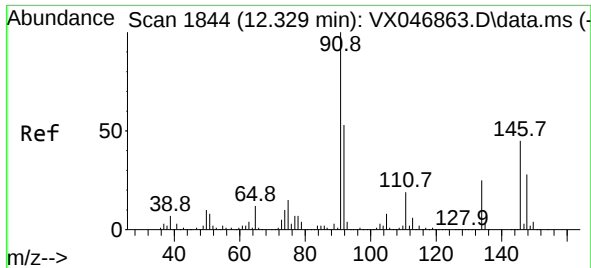
Tgt Ion:146 Resp: 2122
 Ion Ratio Lower Upper
 146 100
 111 36.3 20.5 61.6
 148 59.0 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.061 min
 Lab File: VX046913.D
 Acq: 08 Jul 2025 11:32

Tgt Ion:146 Resp: 2122
 Ion Ratio Lower Upper
 146 100
 111 36.3 20.2 60.5
 148 59.0 32.4 97.0

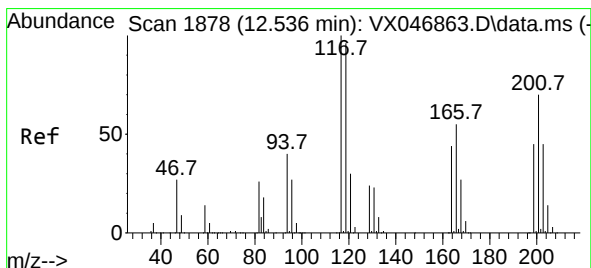
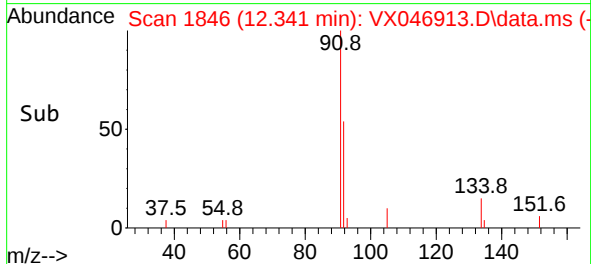
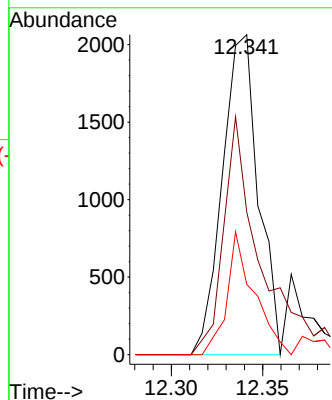
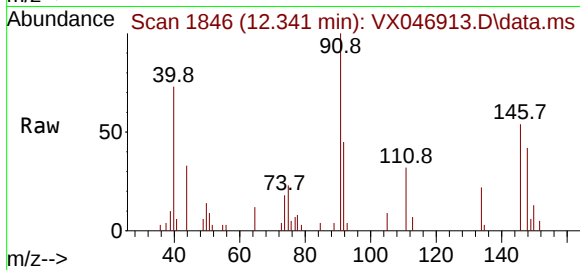




#89
n-Butylbenzene
Concen: 0.159 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

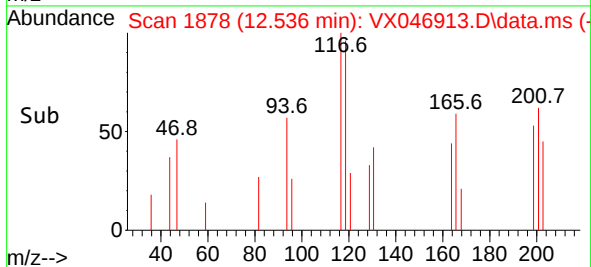
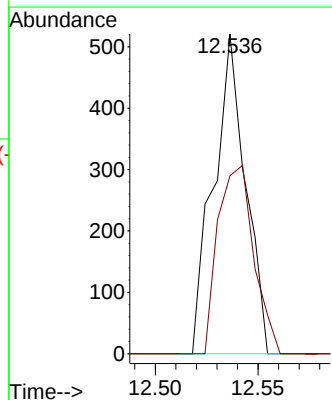
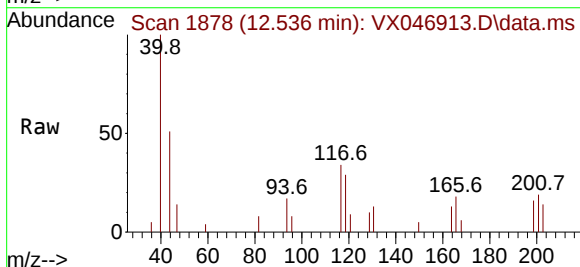
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

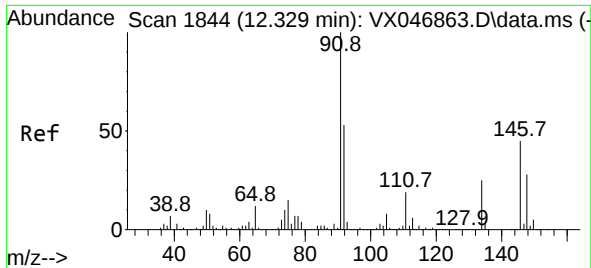
Tgt Ion: 91 Resp: 2830
Ion Ratio Lower Upper
91 100
92 76.9 27.0 81.0
134 29.0 12.8 38.4



#90
Hexachloroethane
Concen: 0.167 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion: 117 Resp: 563
Ion Ratio Lower Upper
117 100
201 66.1 35.8 107.4

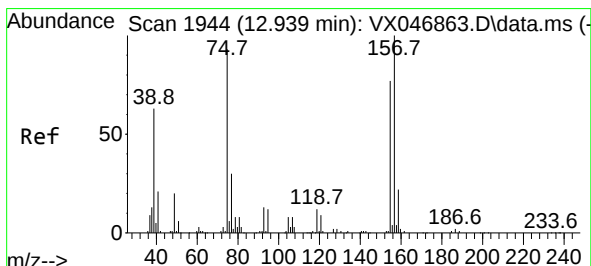
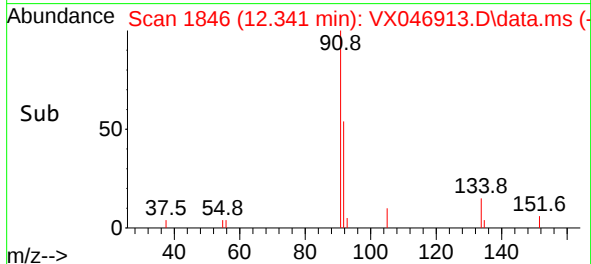
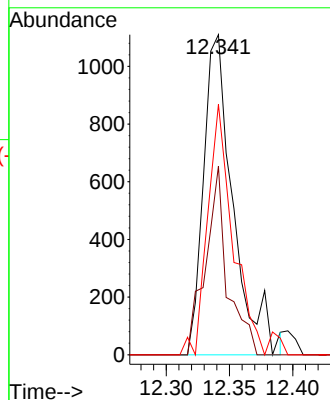
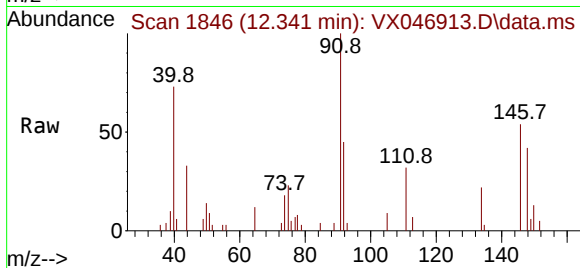




#91
1,2-Dichlorobenzene
Concen: 0.186 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

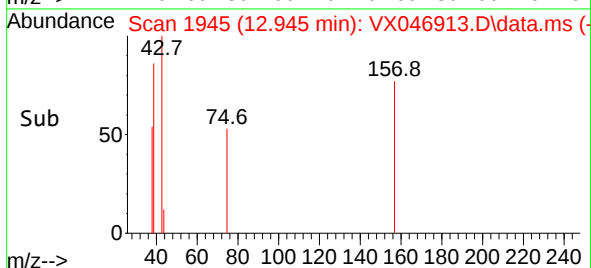
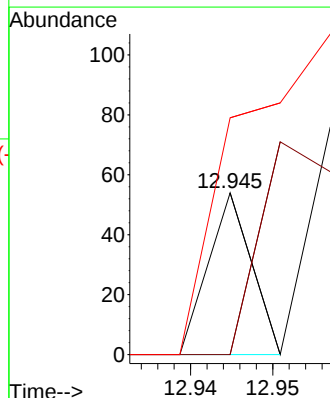
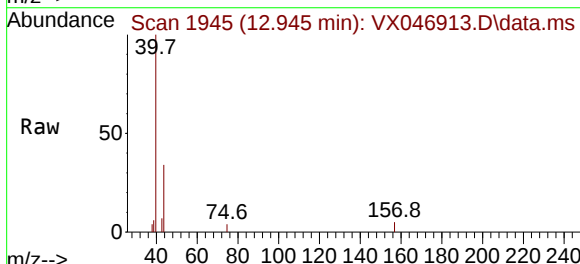
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2025

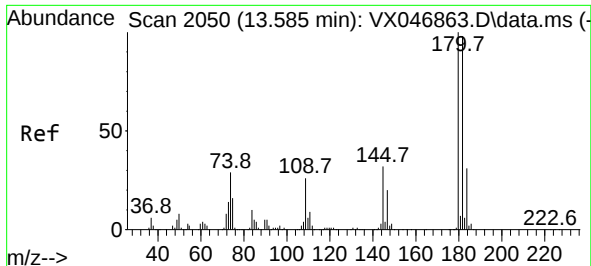
Tgt Ion:	146	Resp:	1804
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.1
148	66.7	31.6	95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.019 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:	75	Resp:	20
Ion	Ratio	Lower	Upper
75	100		
155	350.0	43.1	129.4#
157	495.0	56.5	169.5#

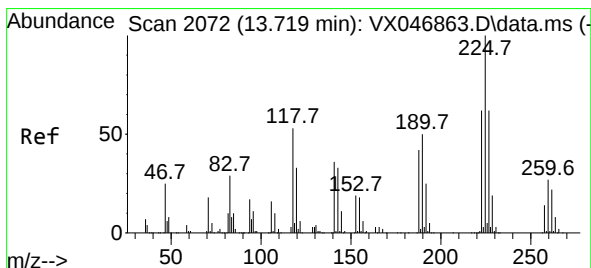
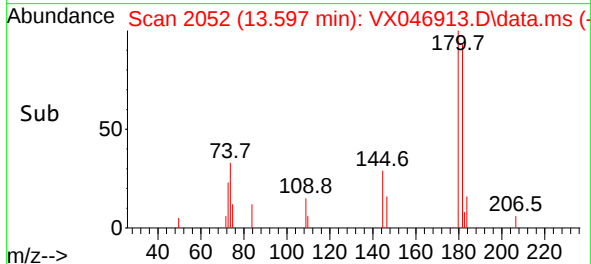
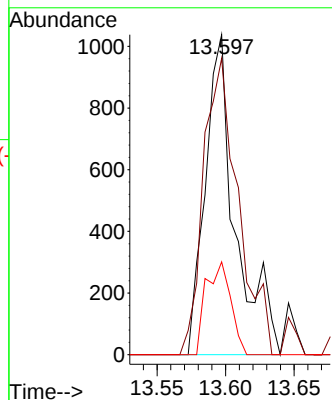
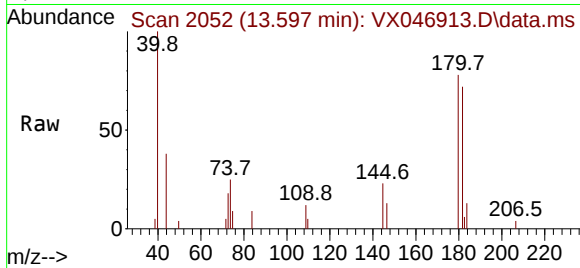




#93
1,2,4-Trichlorobenzene
Concen: 0.241 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

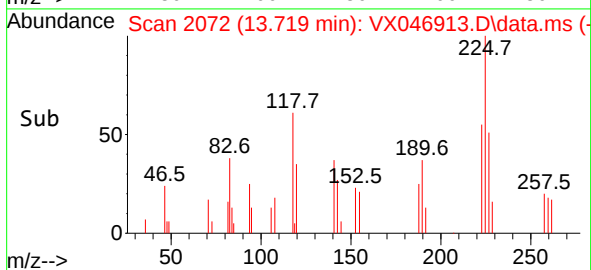
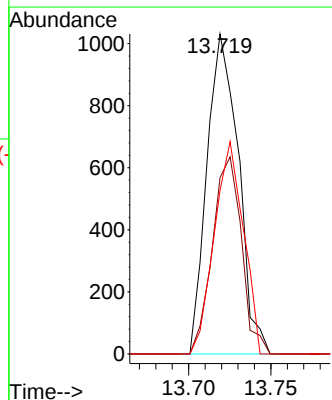
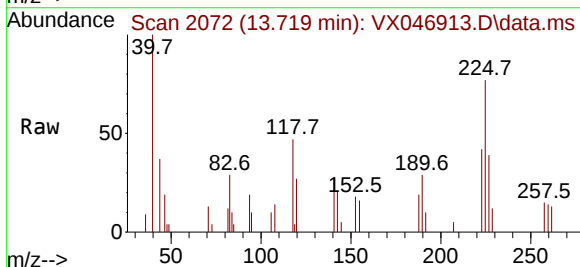
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

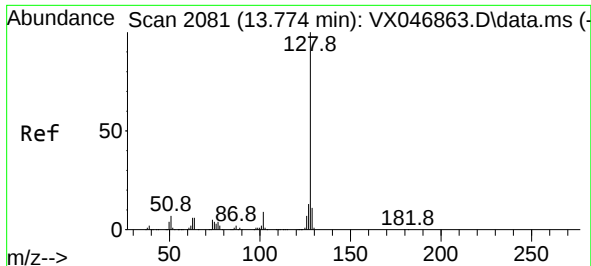
Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.2	47.3	141.9
145	23.9	16.1	48.2



#94
Hexachlorobutadiene
Concen: 0.552 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.0	31.6	94.7
227	61.6	31.6	94.7

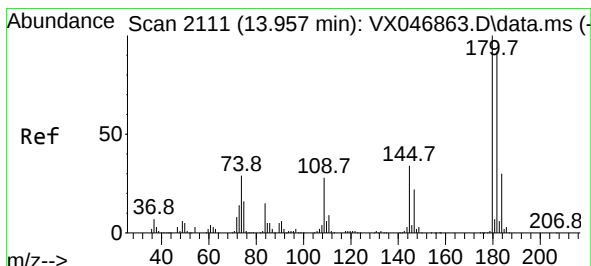
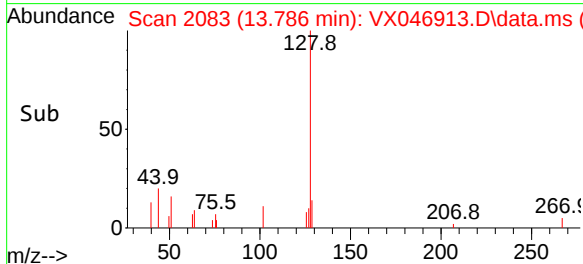
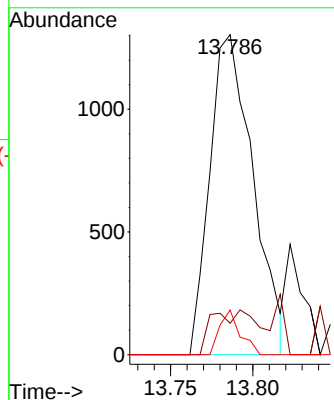
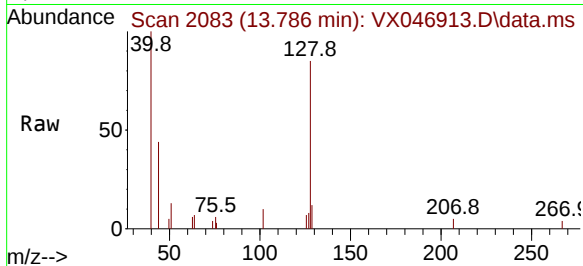




#95
Naphthalene
Concen: 0.137 ug/l
RT: 13.786 min Scan# 2081
Delta R.T. 0.012 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

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

Tgt Ion:	128	Resp:	2381
Ion Ratio	Lower	Upper	
128	100		
127	7.1	10.2	15.4#
129	6.6	8.6	13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.242 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046913.D
Acq: 08 Jul 2025 11:32

Tgt Ion:	180	Resp:	1504
Ion Ratio	Lower	Upper	
180	100		
182	70.6	46.7	140.1
145	28.3	16.8	50.3

