

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046915.D
 Acq On : 08 Jul 2025 12:34
 Operator : JC/MD
 Sample : Q2126-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 09 05:13:22 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	361715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	607083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	289087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250050	52.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.391	113	208227	50.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	8.647	98	734505	50.518	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	288386	52.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	2371	0.685	ug/l	95
3) Chloromethane	1.307	50	2925	0.774	ug/l	97
4) Vinyl Chloride	1.386	62	3366	0.818	ug/l #	88
5) Bromomethane	1.630	94	2776	1.050	ug/l	81
6) Chloroethane	1.703	64	2462	0.906	ug/l #	88
7) Trichlorofluoromethane	1.910	101	4255	0.669	ug/l #	80
8) Diethyl Ether	2.154	74	1363m	0.602	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.343	101	3491	0.861	ug/l	90
10) Methyl Iodide	2.471	142	3317	0.751	ug/l	92
11) Tert butyl alcohol	2.971	59	1194m	3.810	ug/l	
12) 1,1-Dichloroethene	2.343	96	3118	0.795	ug/l #	81
13) Acrolein	2.258	56	1964	5.248	ug/l	89
14) Allyl chloride	2.678	41	5443	0.779	ug/l #	45
15) Acrylonitrile	3.081	53	7096	3.916	ug/l	92
16) Acetone	2.392	43	6734	4.537	ug/l	91
17) Carbon Disulfide	2.532	76	8279	0.805	ug/l	99
18) Methyl Acetate	2.721	43	2645	0.676	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	8234	0.743	ug/l	97
20) Methylene Chloride	2.800	84	4678	1.066	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	3392	0.845	ug/l	90
22) Diisopropyl ether	3.770	45	9138	0.677	ug/l #	31
23) Vinyl Acetate	3.751	43	33111	3.276	ug/l	96
24) 1,1-Dichloroethane	3.617	63	6037	0.785	ug/l #	93
25) 2-Butanone	4.605	43	7494	3.784	ug/l #	74
26) 2,2-Dichloropropane	4.501	77	3997	0.698	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	3741m	0.763	ug/l	
28) Bromochloromethane	4.928	49	3003	0.791	ug/l #	57
29) Tetrahydrofuran	5.032	42	5491m	4.350	ug/l	
30) Chloroform	5.111	83	5544	0.705	ug/l	89
31) Cyclohexane	5.477	56	5091	0.745	ug/l	95
32) 1,1,1-Trichloroethane	5.404	97	5137	0.782	ug/l #	51
36) 1,1-Dichloropropene	5.714	75	4396m	0.791	ug/l	
37) Ethyl Acetate	4.733	43	5034m	1.063	ug/l	
38) Carbon Tetrachloride	5.690	117	5012m	0.853	ug/l	
39) Methylcyclohexane	7.385	83	5341	0.768	ug/l	87
40) Benzene	6.062	78	12306	0.732	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	1239m	0.490	ug/l	
42) 1,2-Dichloroethane	6.098	62	4950	0.867	ug/l	91
43) Isopropyl Acetate	6.361	43	4625	0.638	ug/l #	95
44) Trichloroethene	7.141	130	3205	0.732	ug/l	79
45) 1,2-Dichloropropane	7.434	63	2988	0.703	ug/l	100
46) Dibromomethane	7.604	93	2469	0.839	ug/l	96
47) Bromodichloromethane	7.836	83	4619	0.735	ug/l #	83
48) Methyl methacrylate	7.732	41	2288	0.611	ug/l #	75
49) 1,4-Dioxane	7.690	88	800	18.435	ug/l #	63
51) 4-Methyl-2-Pentanone	8.574	43	14133	3.302	ug/l	96
52) Toluene	8.726	92	8463	0.812	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	3971	0.708	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	4470	0.698	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	3156	0.813	ug/l #	79
56) Ethyl methacrylate	9.135	69	3451	0.642	ug/l #	86
57) 1,3-Dichloropropane	9.317	76	5351	0.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.257	63	7650	2.527	ug/l	94
59) 2-Hexanone	9.445	43	9355	3.295	ug/l	87
60) Dibromochloromethane	9.525	129	3379	0.727	ug/l	89
61) 1,2-Dibromoethane	9.616	107	2947	0.756	ug/l	98
64) Tetrachloroethene	9.281	164	3342	0.912	ug/l #	72
65) Chlorobenzene	10.079	112	9988	0.839	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.159	131	2984	0.746	ug/l #	64
67) Ethyl Benzene	10.195	91	15585	0.765	ug/l	97
68) m/p-Xylenes	10.305	106	11073	1.442	ug/l	94
69) o-Xylene	10.646	106	5119	0.690	ug/l	92
70) Styrene	10.665	104	9064	0.714	ug/l	99
71) Bromoform	10.805	173	2303	0.774	ug/l #	96
73) Isopropylbenzene	10.963	105	14133	0.695	ug/l	98
74) N-amyl acetate	10.854	43	4194	0.607	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	4266	0.763	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	3483m	0.780	ug/l	
77) Bromobenzene	11.195	156	3979	0.786	ug/l	98
78) n-propylbenzene	11.305	91	18381	0.750	ug/l	98
79) 2-Chlorotoluene	11.366	91	11862	0.820	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	12426	0.753	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.031	75	907m	0.545	ug/l	
82) 4-Chlorotoluene	11.457	91	12373	0.741	ug/l	100
83) tert-Butylbenzene	11.713	119	12206	0.716	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11752	0.704	ug/l	99
85) sec-Butylbenzene	11.890	105	15473	0.720	ug/l	98
86) p-Isopropyltoluene	12.006	119	12867	0.715	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	7429	0.785	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	8506m	0.863	ug/l	
89) n-Butylbenzene	12.335	91	12055	0.712	ug/l	98
90) Hexachloroethane	12.536	117	2193	0.687	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	7046	0.768	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	681	0.697	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	4185	0.671	ug/l	87
94) Hexachlorobutadiene	13.719	225	2008	0.854	ug/l	94
95) Naphthalene	13.780	128	9883	0.602	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4647	0.789	ug/l	94

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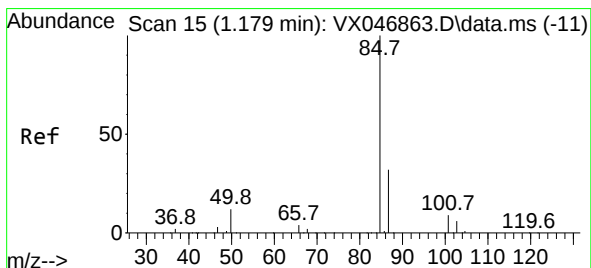
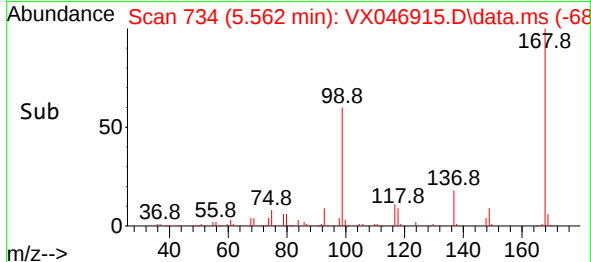
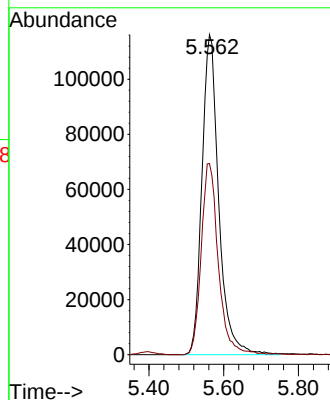
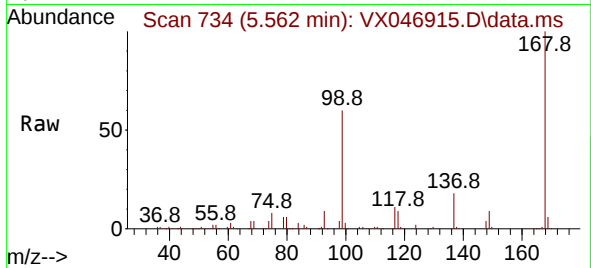
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
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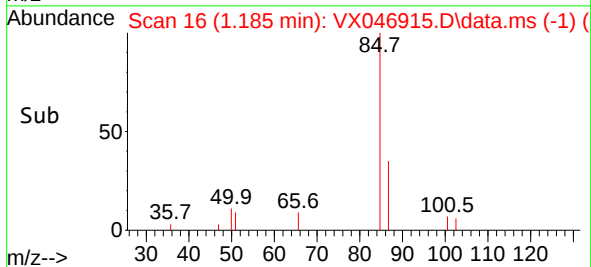
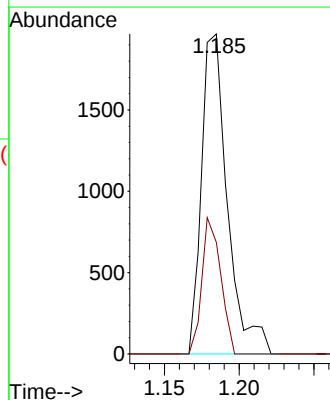
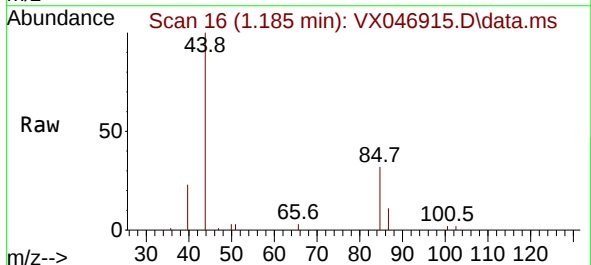
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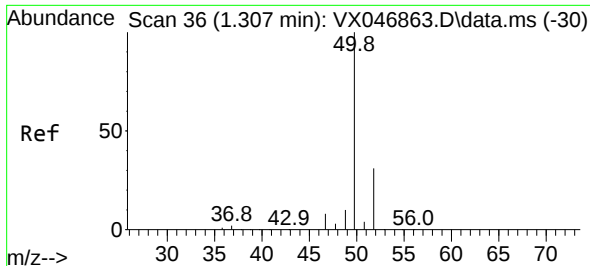
Tgt Ion:168 Resp: 361715
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.685 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 85 Resp: 2371
Ion Ratio Lower Upper
85 100
87 34.9 16.0 47.9

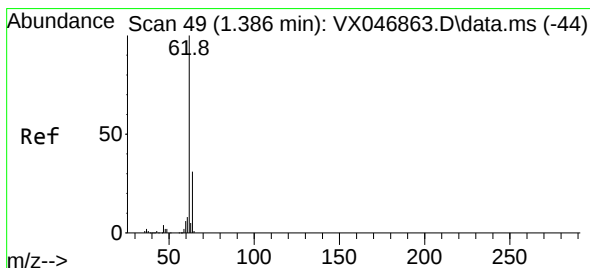
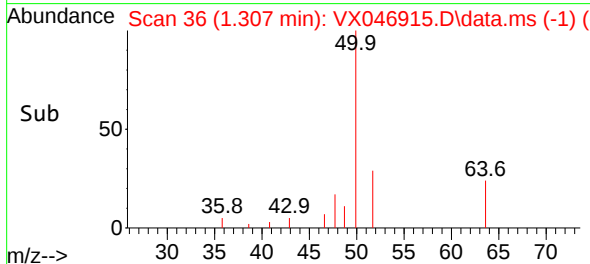
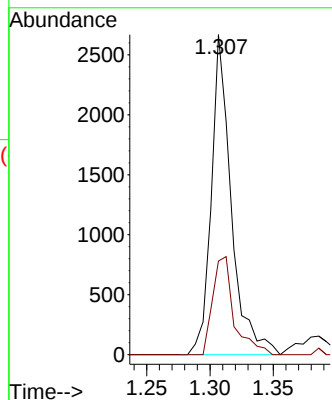
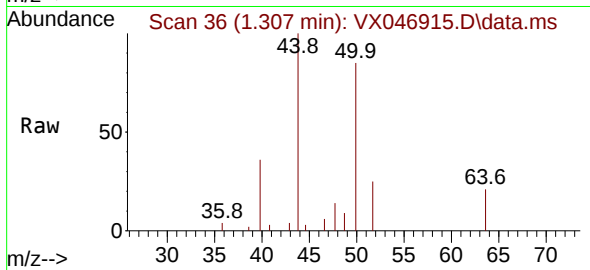




#3
Chloromethane
Concen: 0.774 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

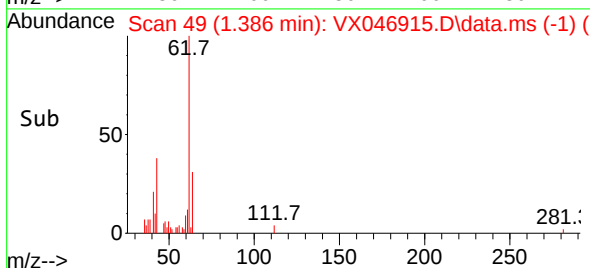
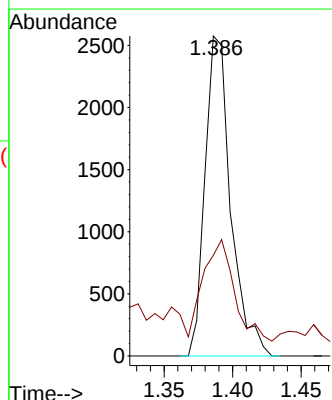
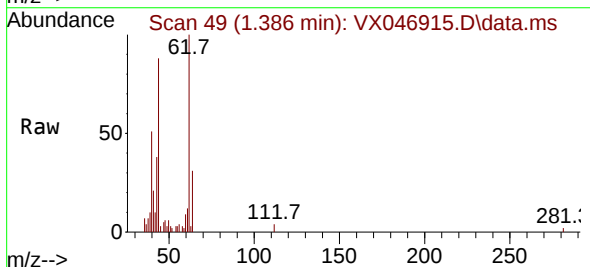
Instrument :
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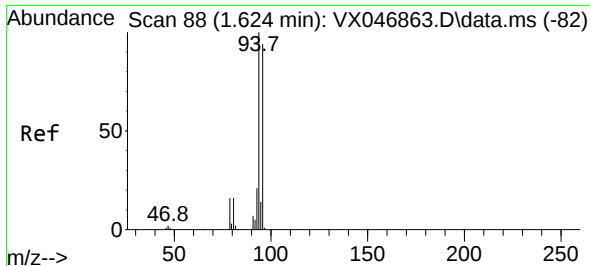
Tgt Ion: 50 Resp: 2925
Ion Ratio Lower Upper
50 100
52 29.3 25.0 37.4



#4
Vinyl Chloride
Concen: 0.818 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 62 Resp: 3366
Ion Ratio Lower Upper
62 100
64 24.6 25.0 37.4#

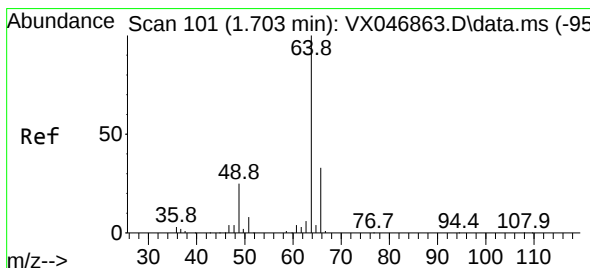
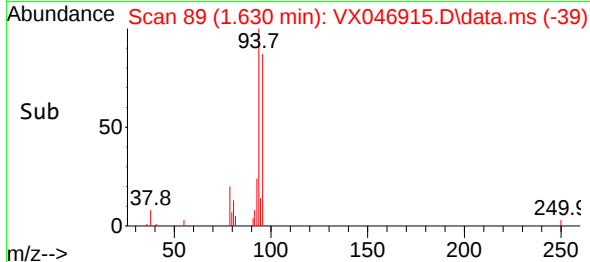
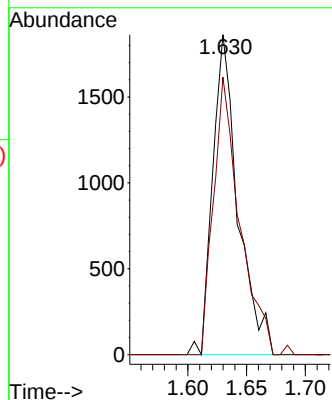
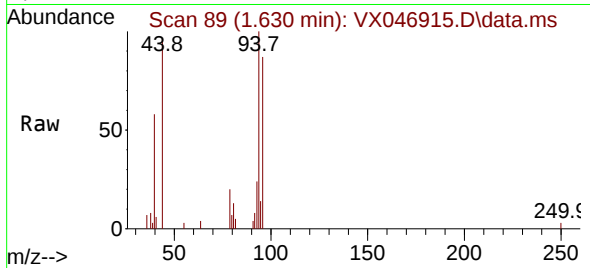




#5
Bromomethane
Concen: 1.050 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

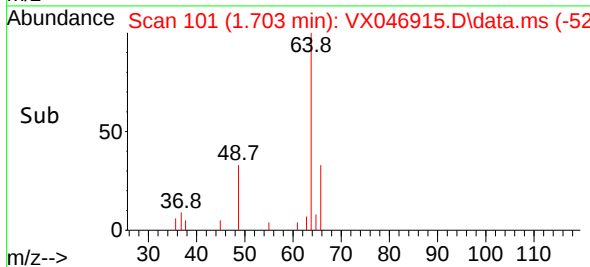
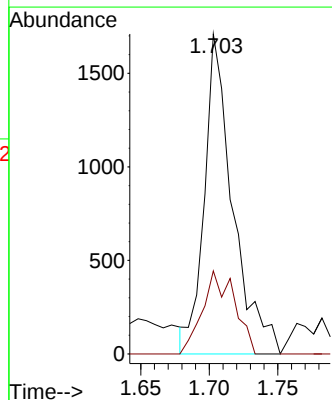
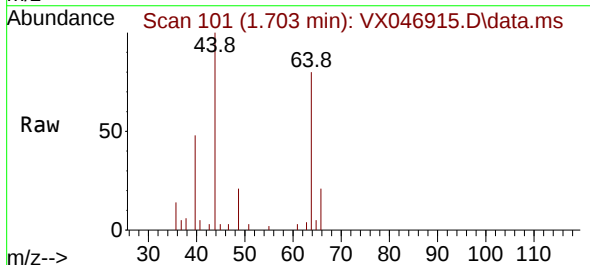
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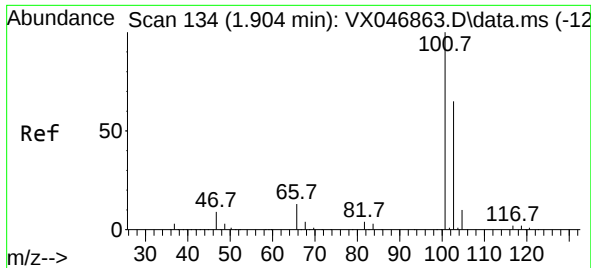
Tgt Ion: 94 Resp: 2776
Ion Ratio Lower Upper
94 100
96 75.9 75.5 113.3



#6
Chloroethane
Concen: 0.906 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 64 Resp: 2462
Ion Ratio Lower Upper
64 100
66 26.0 26.4 39.6#

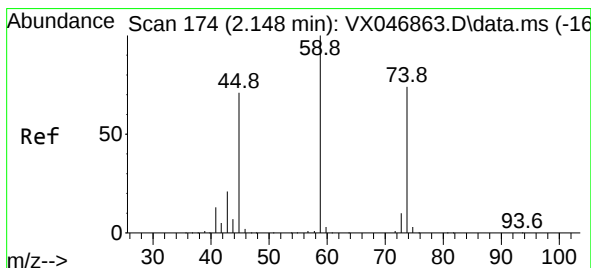
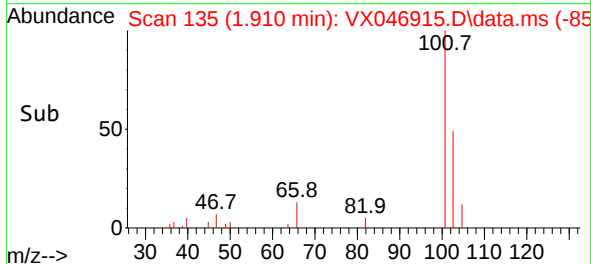
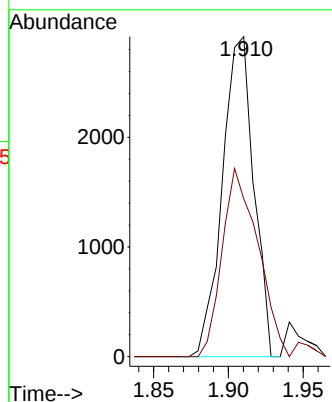
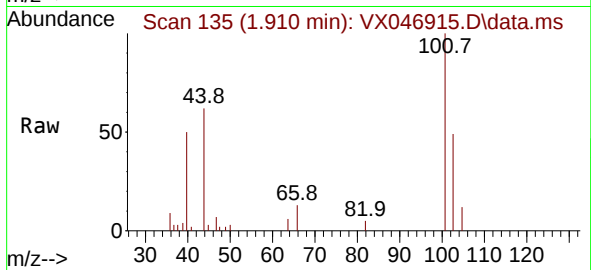




#7
 Trichlorofluoromethane
 Concen: 0.669 ug/l
 RT: 1.910 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046915.D
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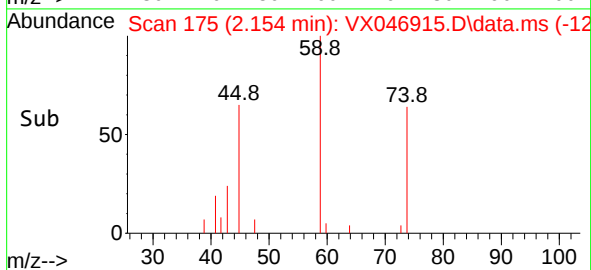
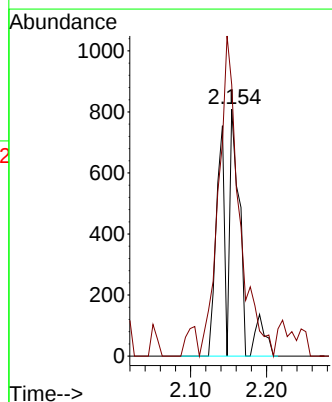
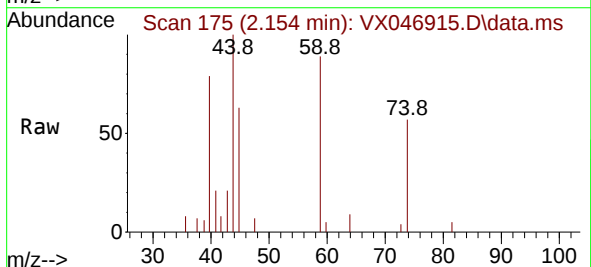
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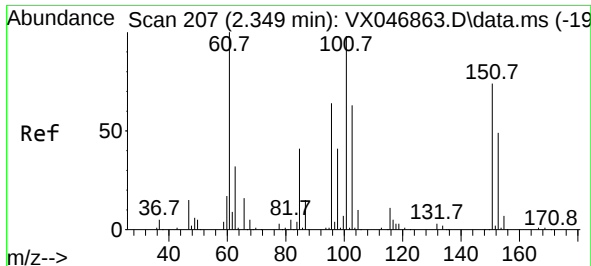
Tgt Ion:101 Resp: 4255
 Ion Ratio Lower Upper
 101 100
 103 49.3 51.9 77.9#



#8
 Diethyl Ether
 Concen: 0.602 ug/l m
 RT: 2.154 min Scan# 175
 Delta R.T. 0.006 min
 Lab File: VX046915.D
 Acq: 08 Jul 2025 12:34

Tgt Ion: 74 Resp: 1363
 Ion Ratio Lower Upper
 74 100
 45 145.0 50.7 152.1

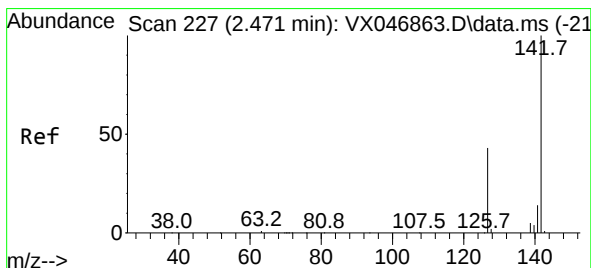
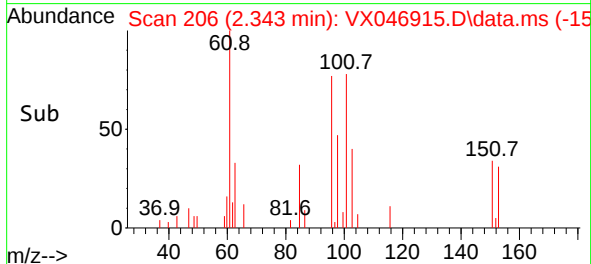
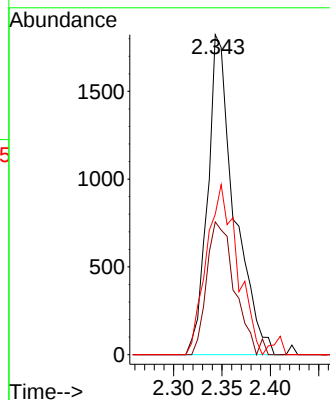
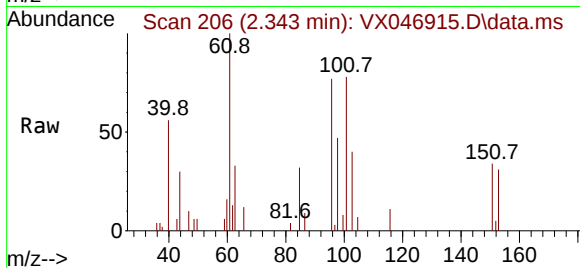




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.861 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046915.D
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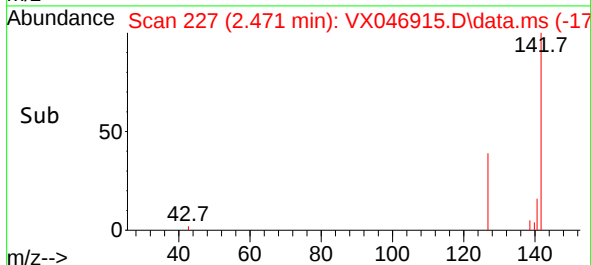
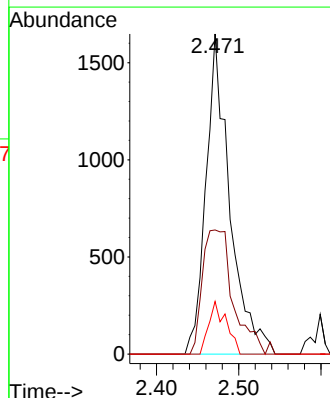
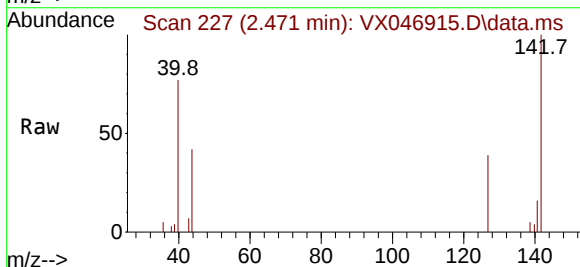
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ClientSampleId :
MDL-WATER-03-QT2-2025

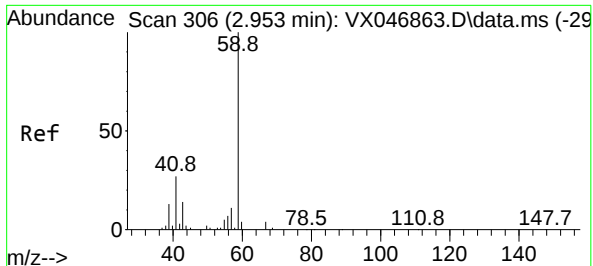
Tgt Ion:	101	Resp:	3491
Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.3	51.5
151	61.5	59.9	89.9



#10
Methyl Iodide
Concen: 0.751 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:	142	Resp:	3317
Ion	Ratio	Lower	Upper
142	100		
127	49.8	34.9	52.3
141	12.0	11.1	16.7





#11

Tert butyl alcohol

Concen: 3.810 ug/l m

RT: 2.971 min Scan# 306

Delta R.T. 0.018 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

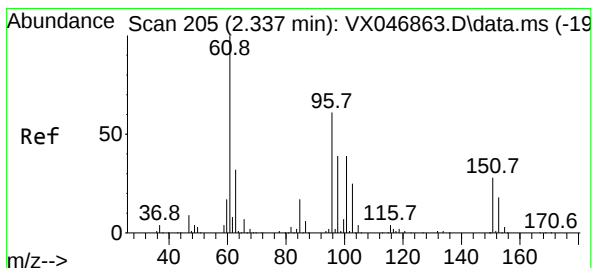
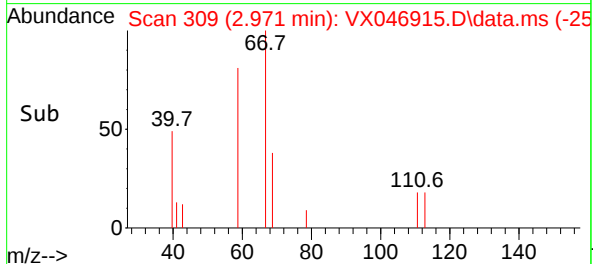
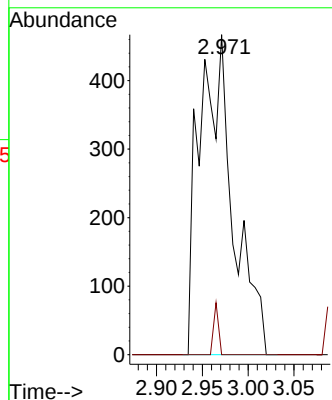
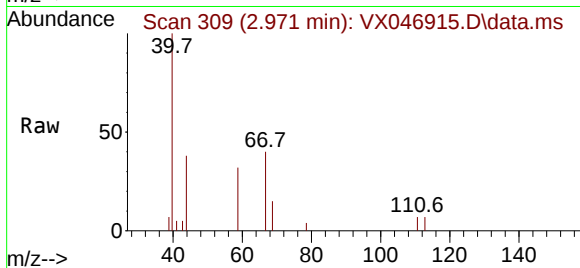
MDL-WATER-03-QT2-2025

Tgt Ion: 59 Resp: 1194

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.795 ug/l

RT: 2.343 min Scan# 206

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

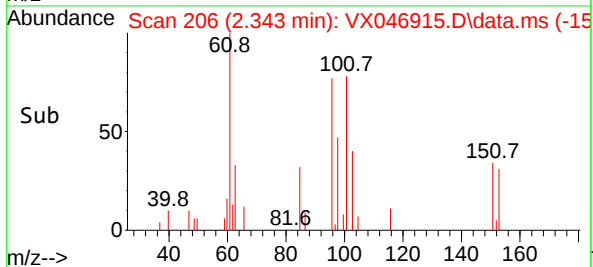
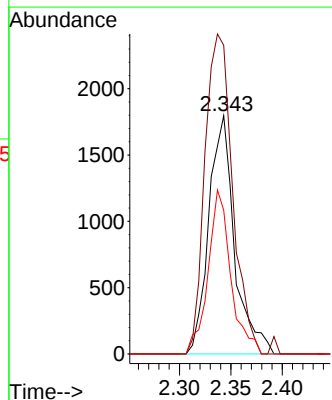
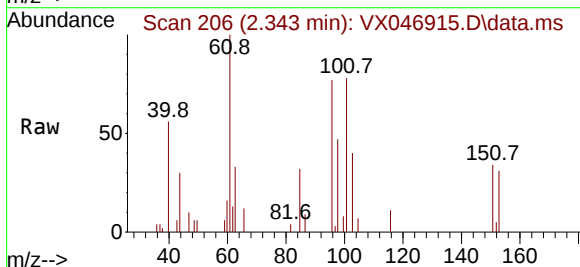
Tgt Ion: 96 Resp: 3118

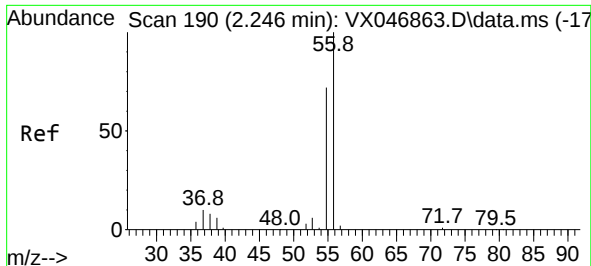
Ion Ratio Lower Upper

96 100

61 129.5 130.2 195.4#

98 60.3 51.3 76.9

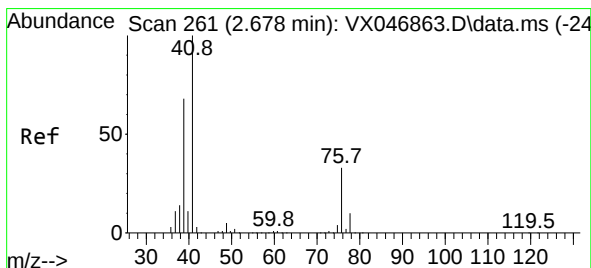
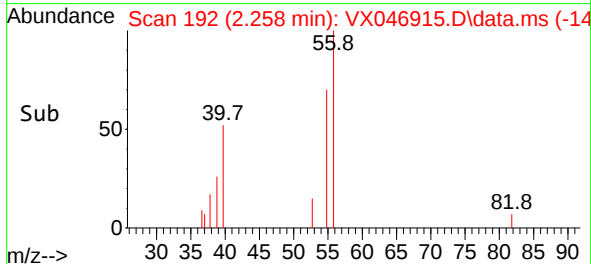
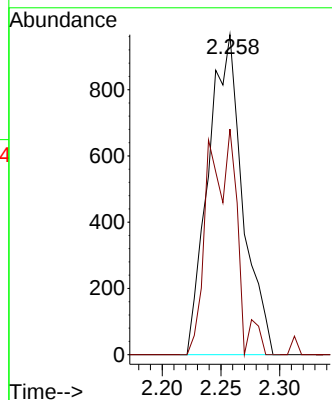
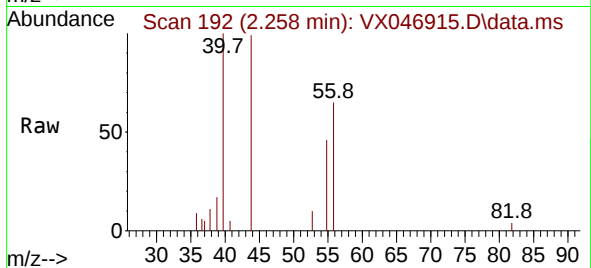




#13
Acrolein
Concen: 5.248 ug/l
RT: 2.258 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

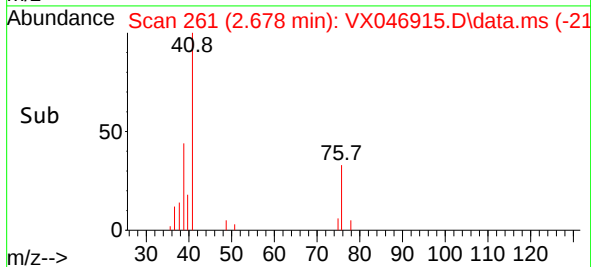
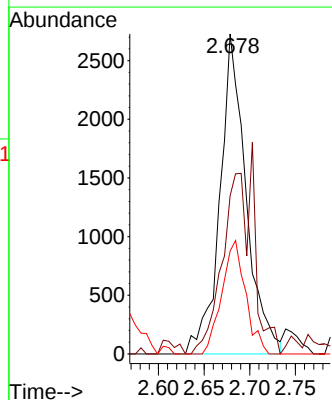
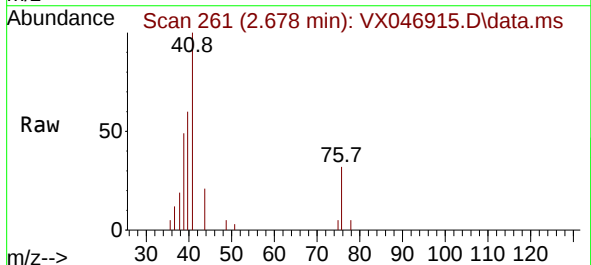
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

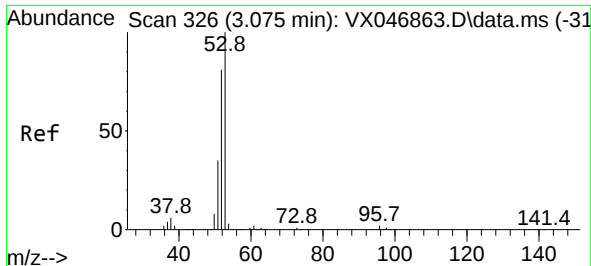
Tgt Ion: 56 Resp: 1964
Ion Ratio Lower Upper
56 100
55 60.5 55.5 83.3



#14
Allyl chloride
Concen: 0.779 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 41 Resp: 5443
Ion Ratio Lower Upper
41 100
39 0.0 52.0 78.0#
76 32.2 26.2 39.2

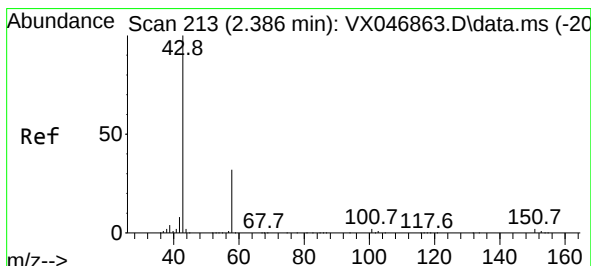
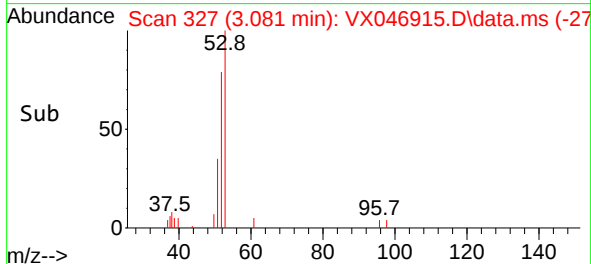
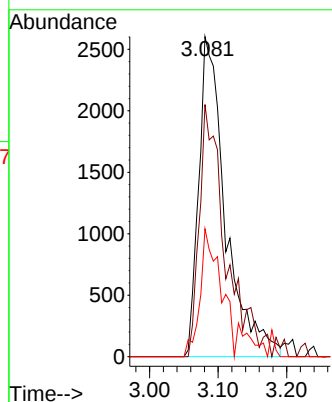
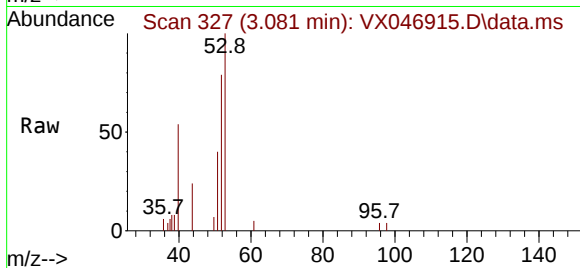




#15
Acrylonitrile
Concen: 3.916 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

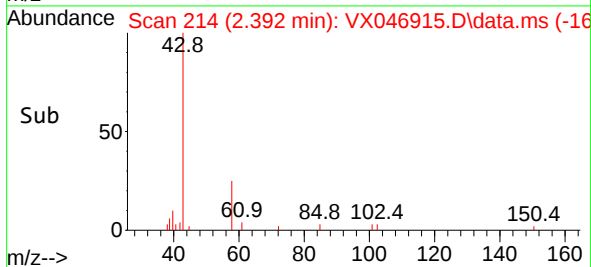
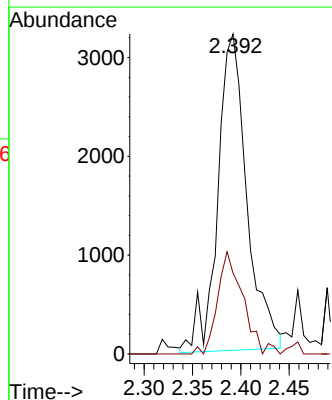
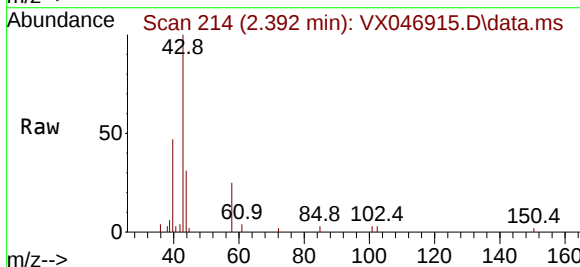
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

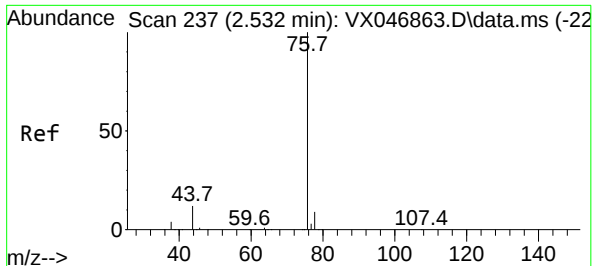
Tgt Ion:	53	Resp:	7096
Ion	Ratio	Lower	Upper
53	100		
52	76.3	66.0	99.0
51	30.5	28.6	43.0



#16
Acetone
Concen: 4.537 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:	43	Resp:	6734
Ion	Ratio	Lower	Upper
43	100		
58	26.9	25.8	38.6

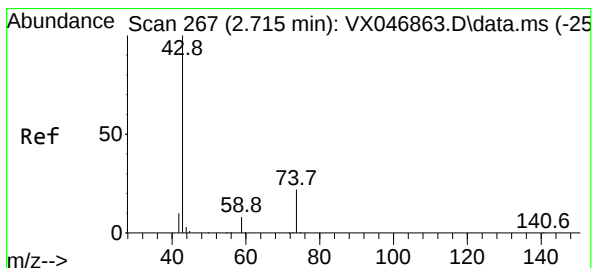
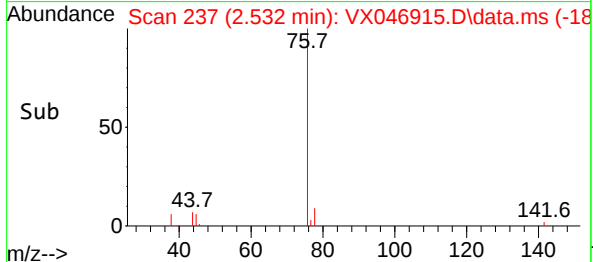
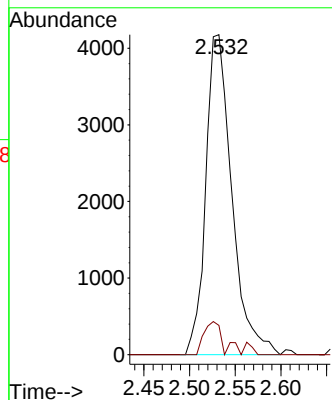
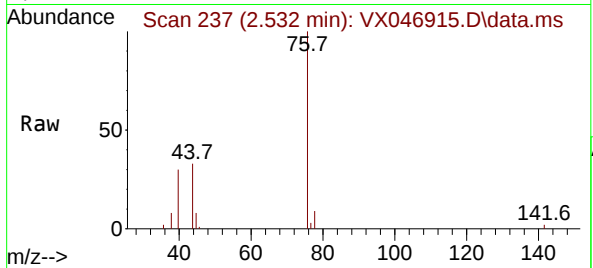




#17
Carbon Disulfide
Concen: 0.805 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

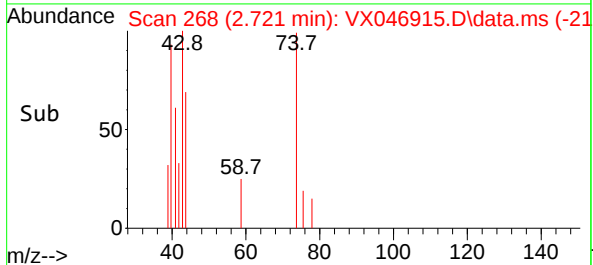
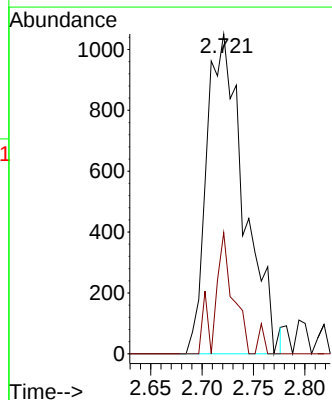
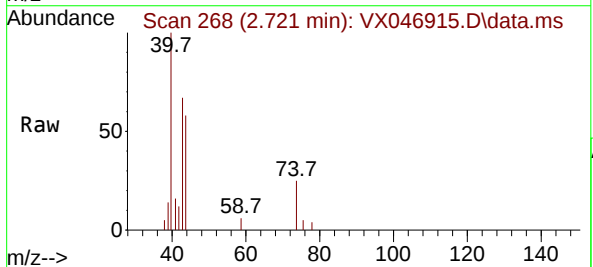
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 8279
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 0.676 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
74 18.6 18.3 27.5

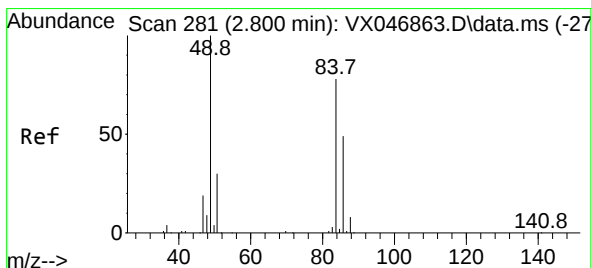
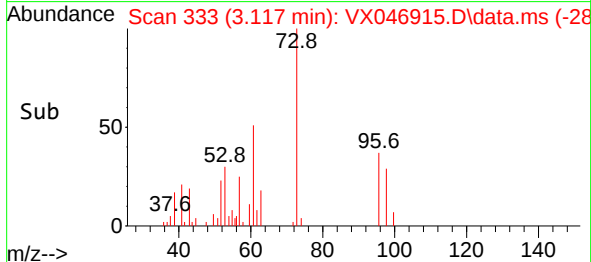
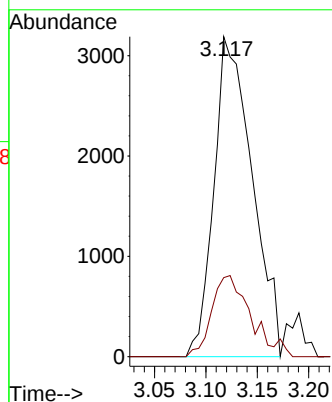
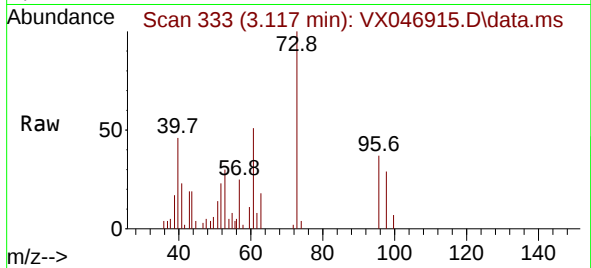




#19
Methyl tert-butyl Ether
Concen: 0.743 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

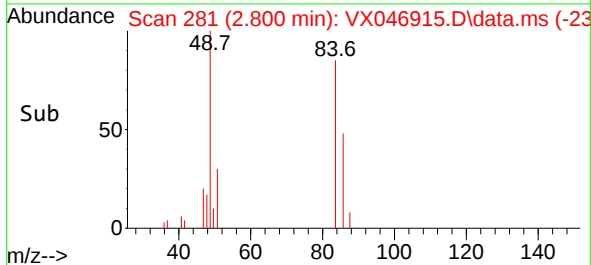
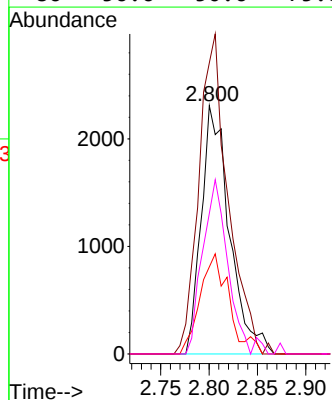
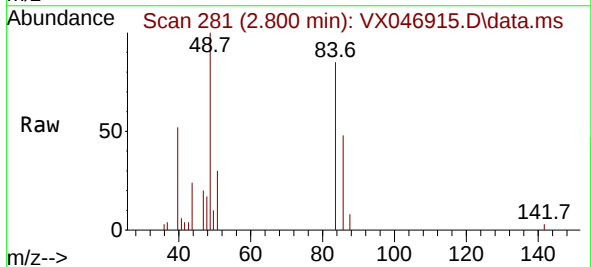
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

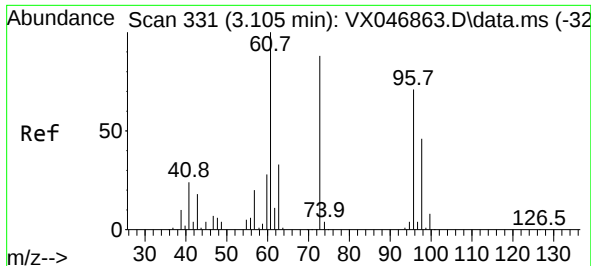
Tgt Ion: 73 Resp: 8234
Ion Ratio Lower Upper
73 100
57 24.7 18.6 28.0



#20
Methylene Chloride
Concen: 1.066 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 84 Resp: 4678
Ion Ratio Lower Upper
84 100
49 128.5 102.8 154.2
51 35.1 31.1 46.7
86 56.6 50.6 75.8

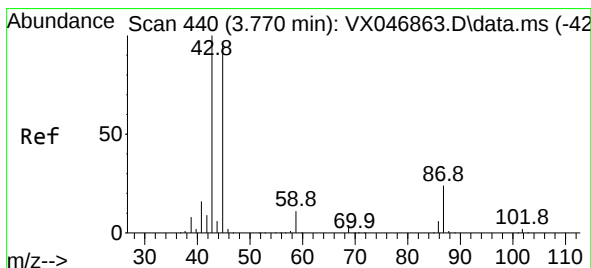
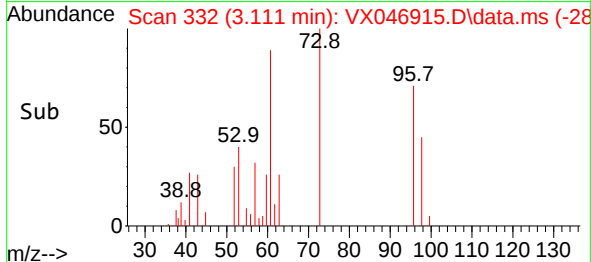
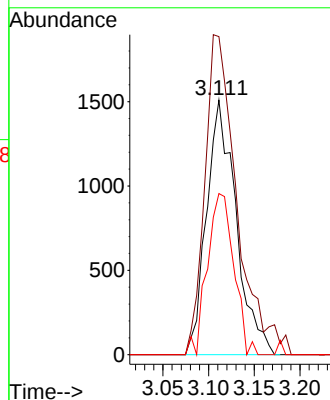
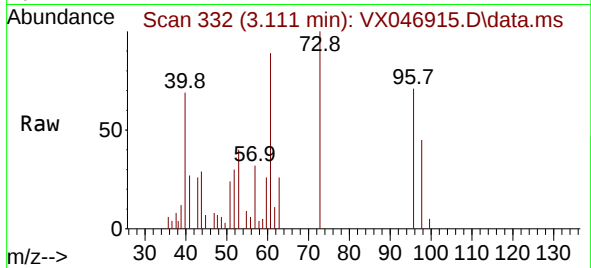




#21
trans-1,2-Dichloroethene
Concen: 0.845 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

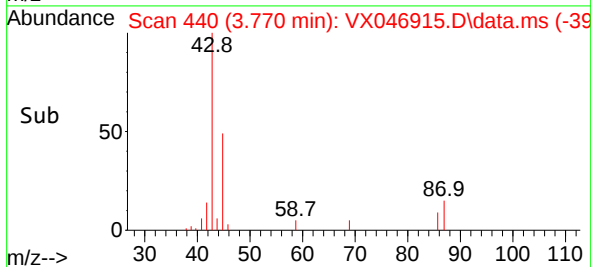
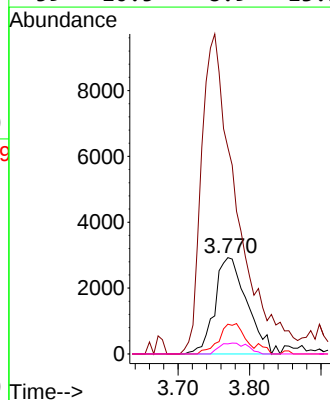
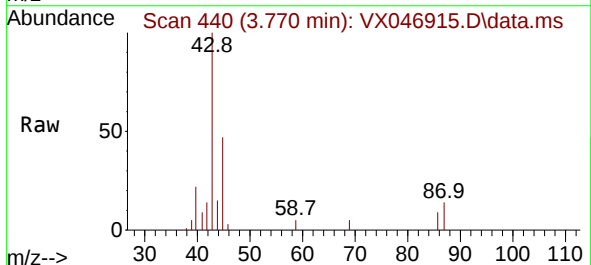
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

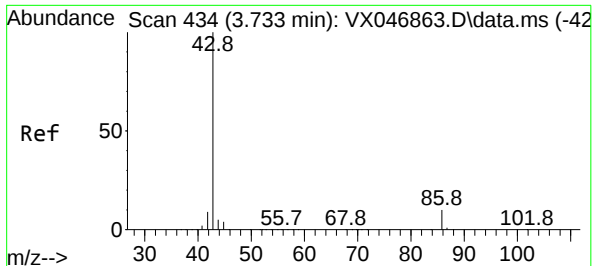
Tgt Ion: 96 Resp: 3392
Ion Ratio Lower Upper
96 100
61 125.0 113.4 170.2
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 0.677 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 45 Resp: 9138
Ion Ratio Lower Upper
45 100
43 198.0 84.2 126.4#
87 30.9 20.3 30.5#
59 10.5 8.9 13.3

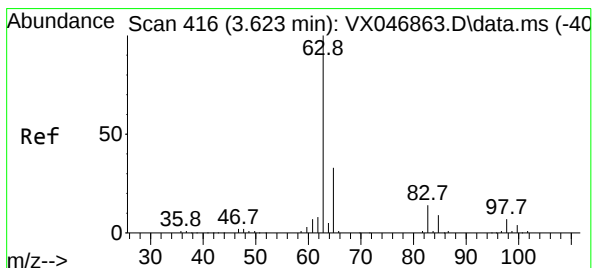
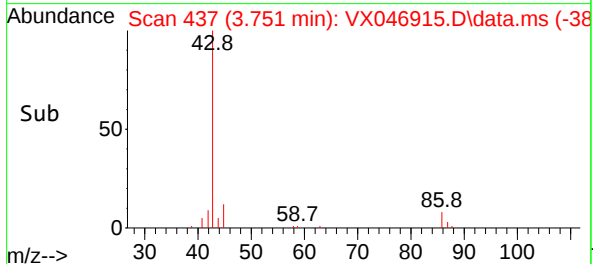
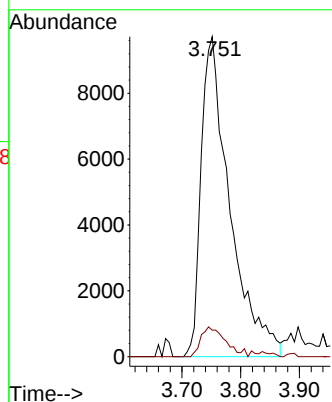
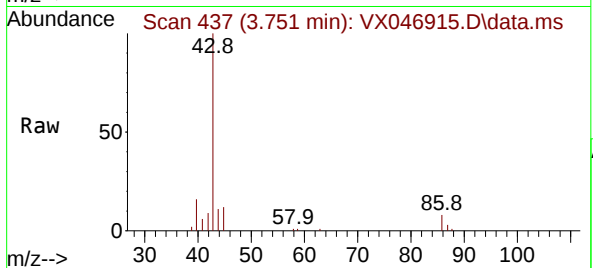




#23
 Vinyl Acetate
 Concen: 3.276 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX046915.D
 Acq: 08 Jul 2025 12:34

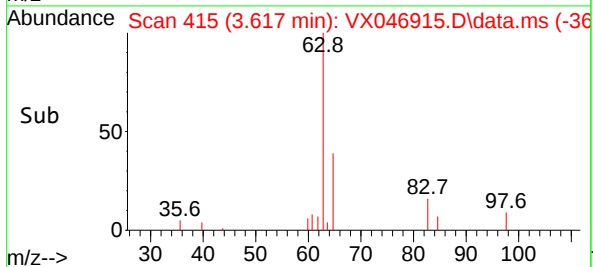
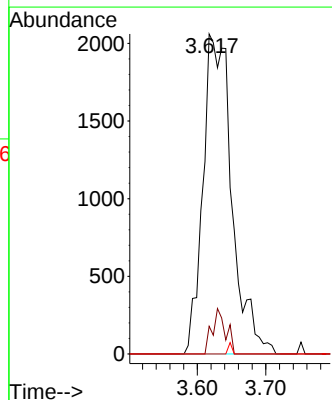
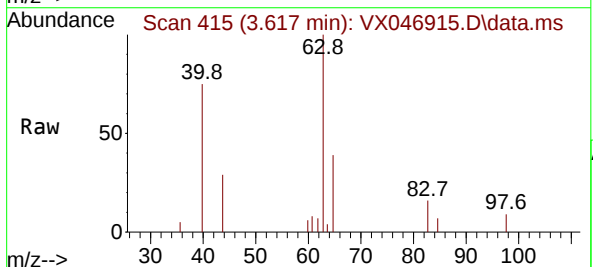
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2025

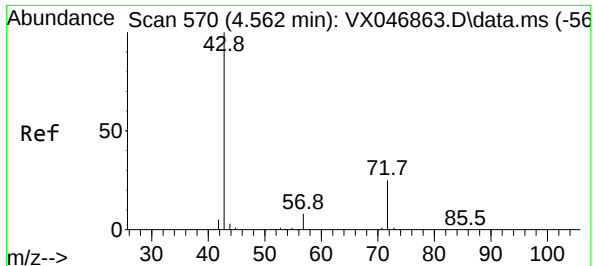
Tgt Ion: 43 Resp: 33111
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 0.785 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046915.D
 Acq: 08 Jul 2025 12:34

Tgt Ion: 63 Resp: 6037
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 0.0 2.3 6.9#

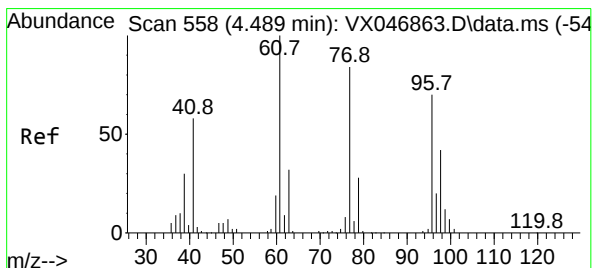
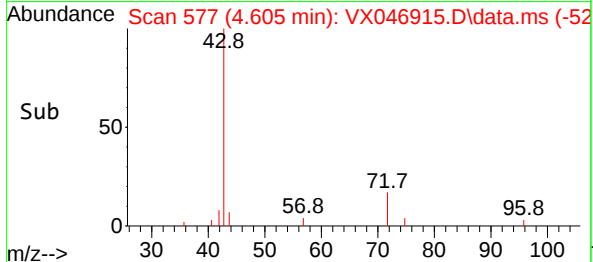
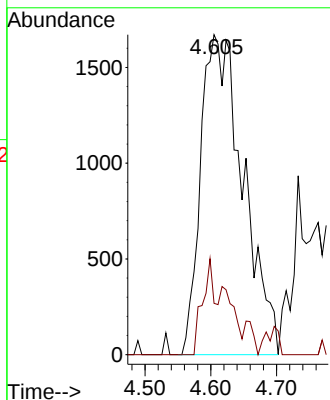
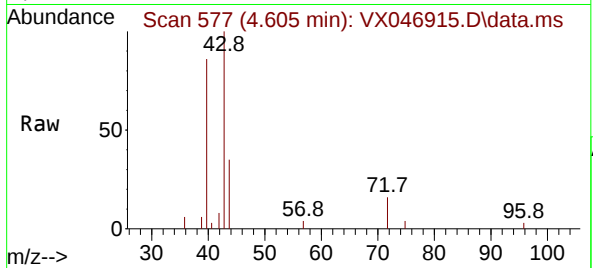




#25
2-Butanone
Concen: 3.784 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

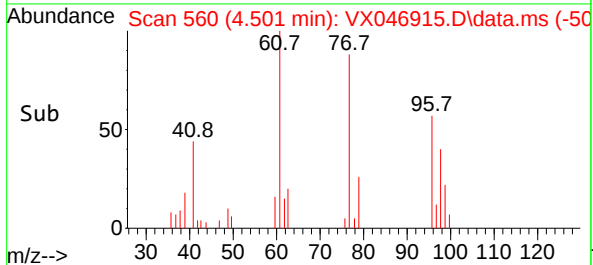
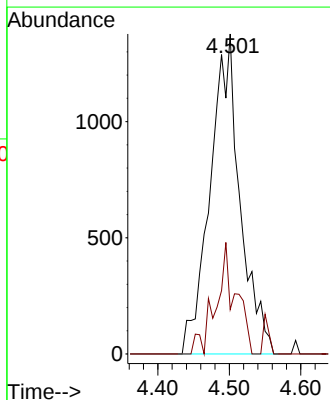
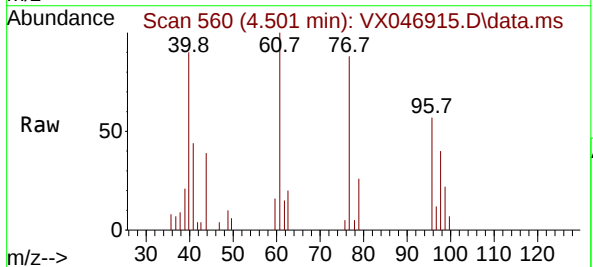
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

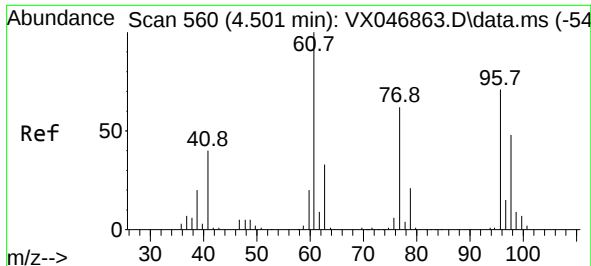
Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
72 11.9 20.0 30.0#



#26
2,2-Dichloropropane
Concen: 0.698 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 77 Resp: 3997
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 0.763 ug/l m

RT: 4.507 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

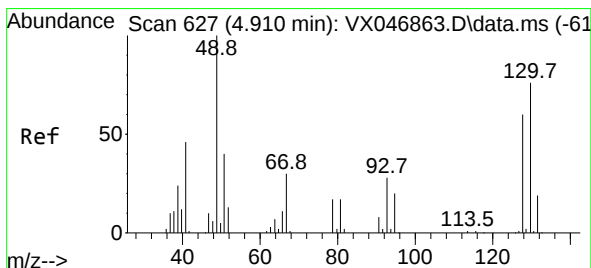
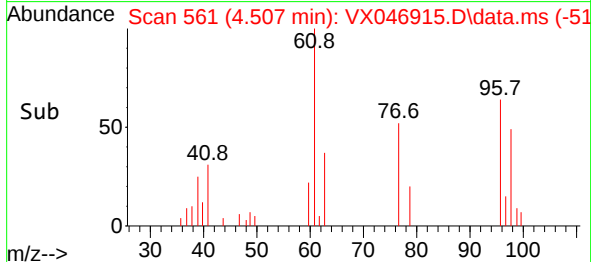
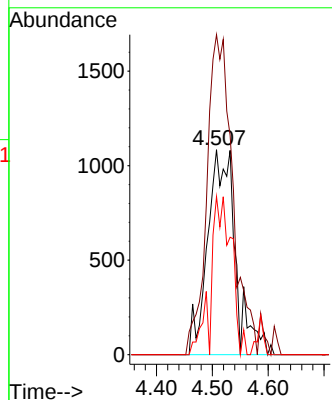
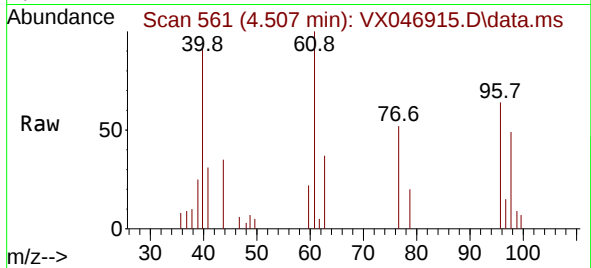
Tgt Ion: 96 Resp: 3741

Ion Ratio Lower Upper

96 100

61 145.0 0.0 288.6

98 57.7 0.0 128.8



#28

Bromochloromethane

Concen: 0.791 ug/l

RT: 4.928 min Scan# 630

Delta R.T. 0.018 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

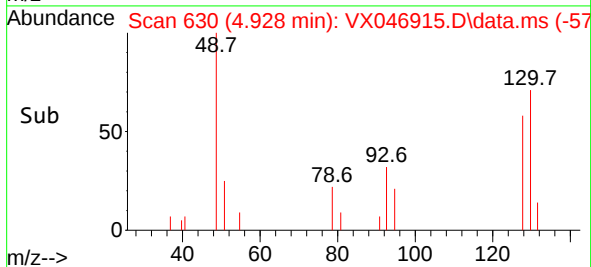
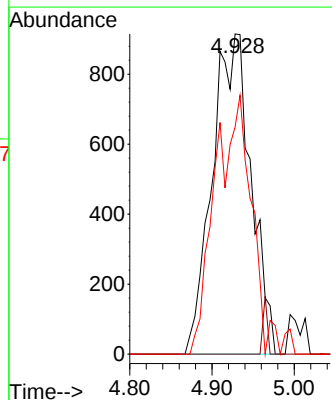
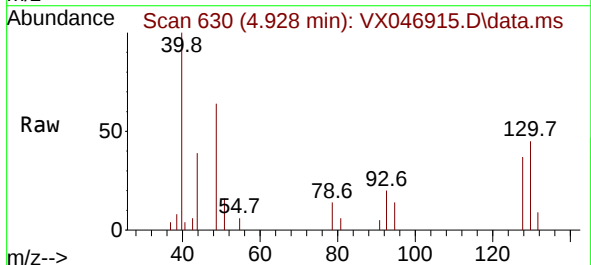
Tgt Ion: 49 Resp: 3003

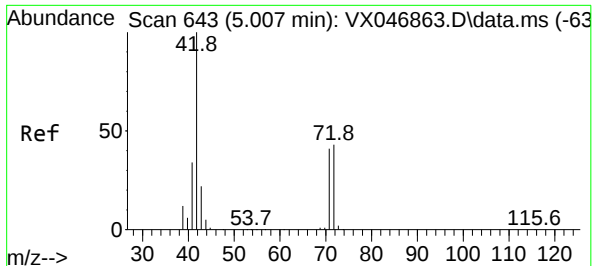
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 38.7 61.7 92.5#





#29

Tetrahydrofuran

Concen: 4.350 ug/l m

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

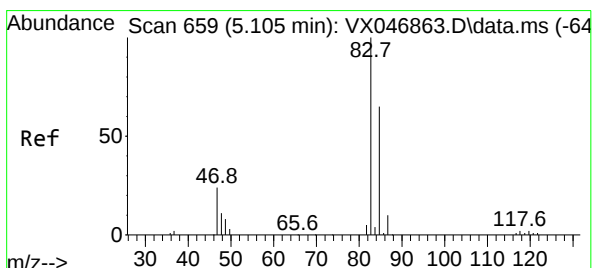
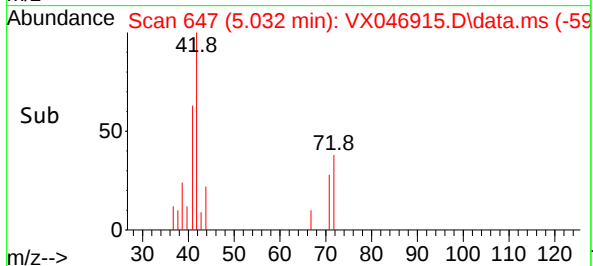
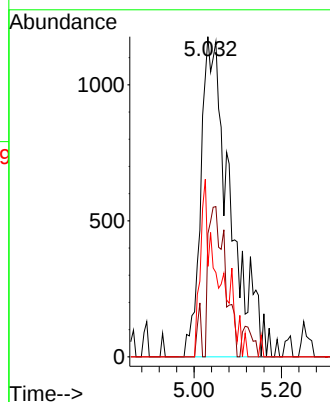
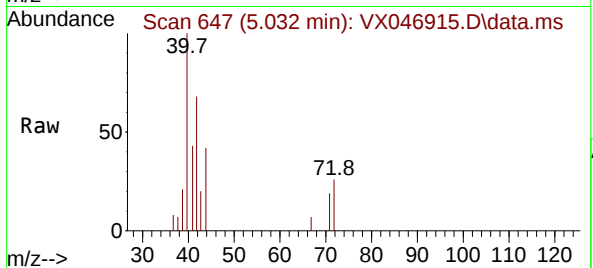
Tgt Ion: 42 Resp: 5491

Ion Ratio Lower Upper

42 100

72 2.1 35.1 52.7#

71 34.1 31.9 47.9



#30

Chloroform

Concen: 0.705 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX046915.D

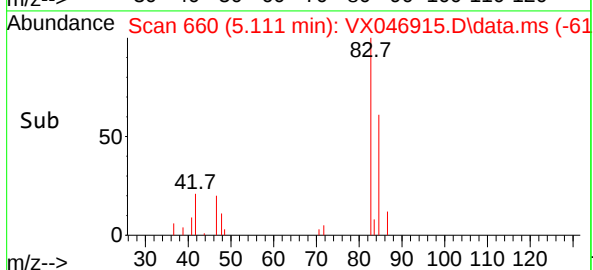
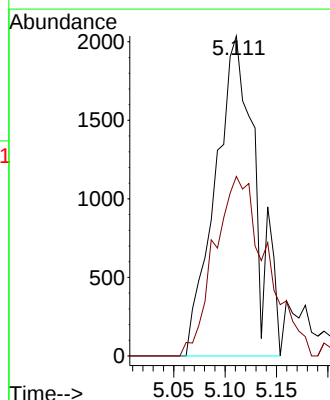
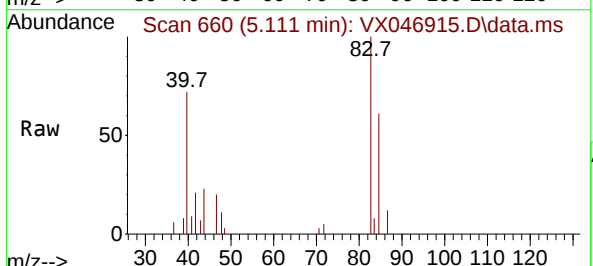
Acq: 08 Jul 2025 12:34

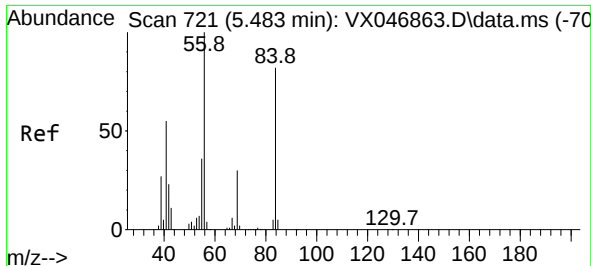
Tgt Ion: 83 Resp: 5544

Ion Ratio Lower Upper

83 100

85 56.1 51.8 77.8

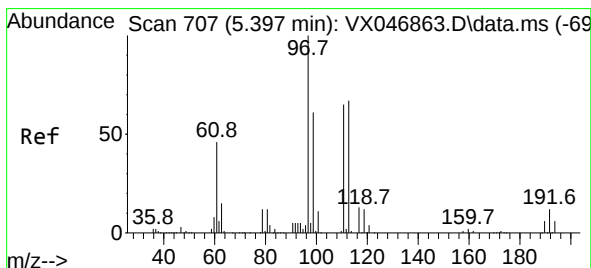
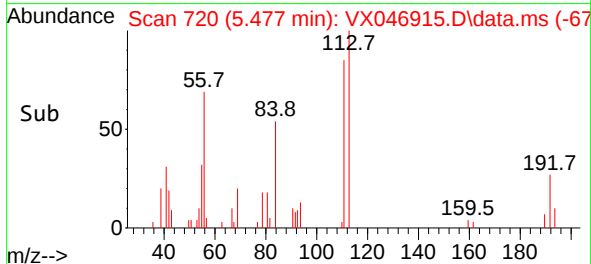
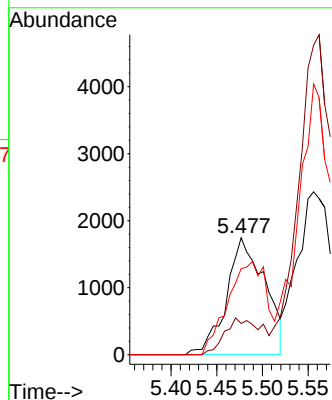
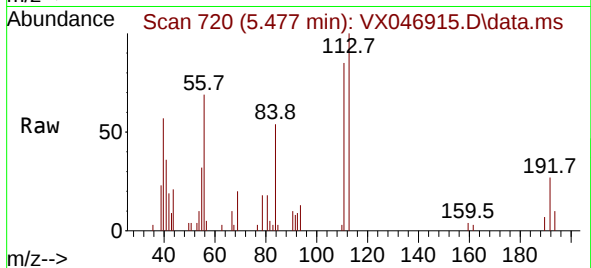




#31
Cyclohexane
Concen: 0.745 ug/l
RT: 5.477 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

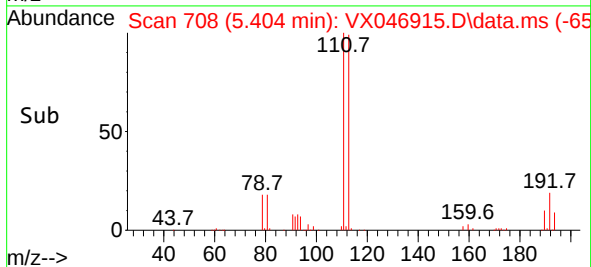
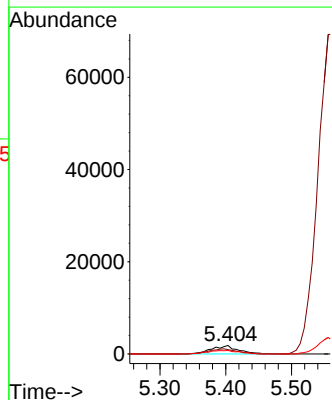
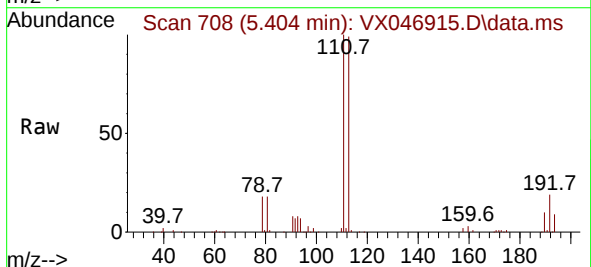
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

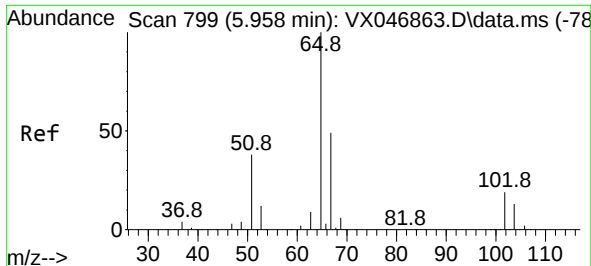
Tgt Ion: 56 Resp: 5091
Ion Ratio Lower Upper
56 100
69 26.7 24.0 36.0
84 78.3 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 0.782 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 97 Resp: 5137
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 47.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.327 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

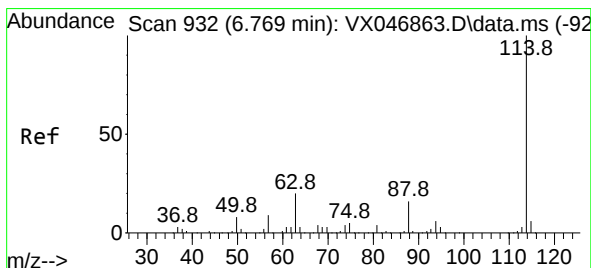
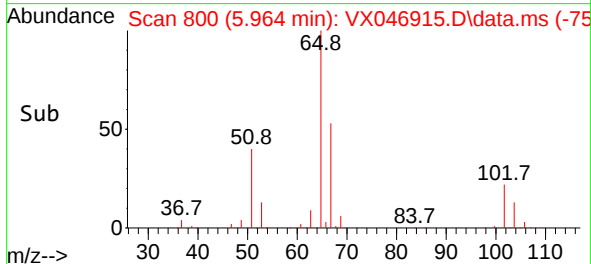
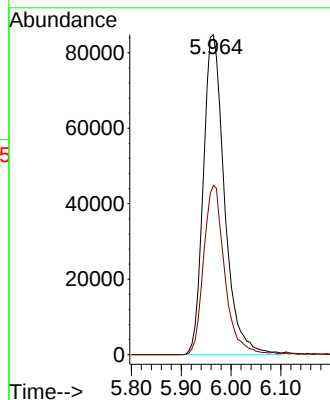
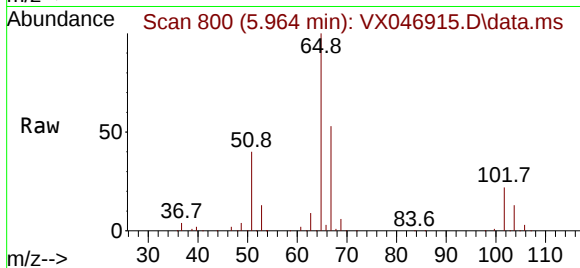
MDL-WATER-03-QT2-2025

Tgt Ion: 65 Resp: 250050

Ion Ratio Lower Upper

65 100

67 52.9 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: VX046915.D

Acq: 08 Jul 2025 12:34

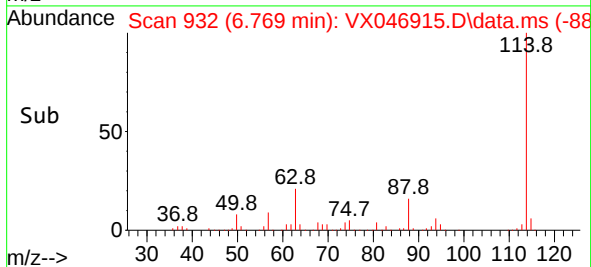
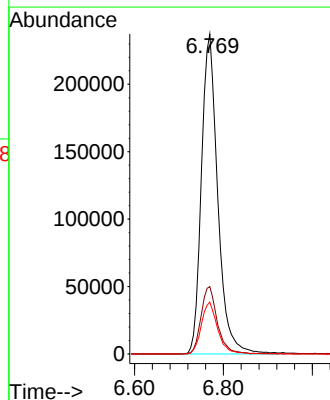
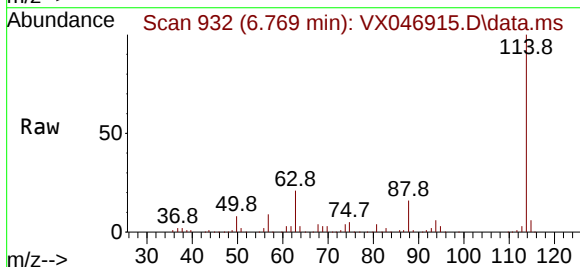
Tgt Ion:114 Resp: 607083

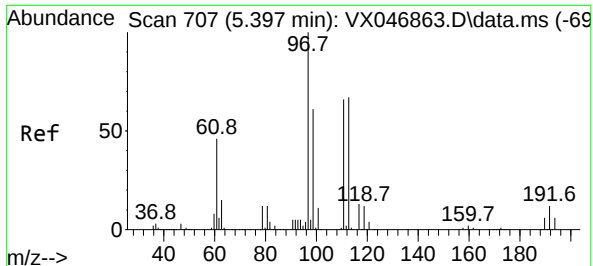
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 16.2 0.0 31.0

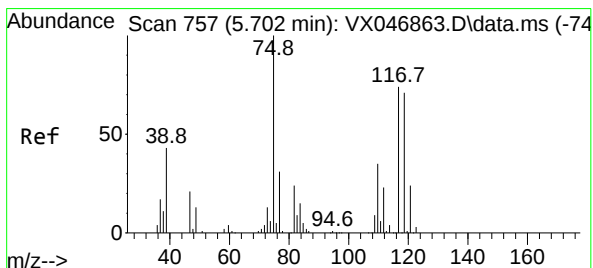
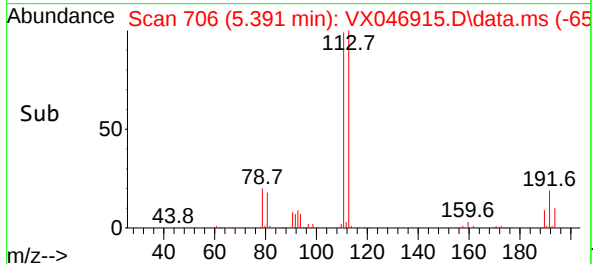
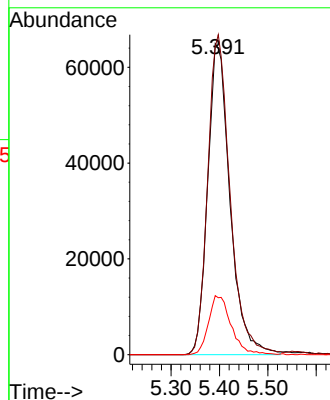
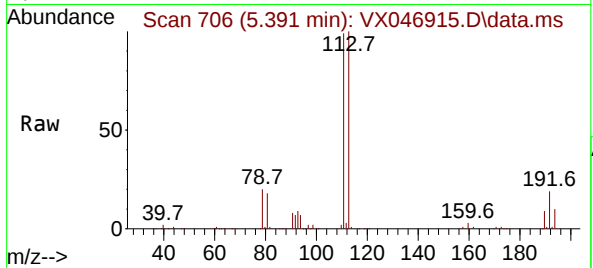




#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

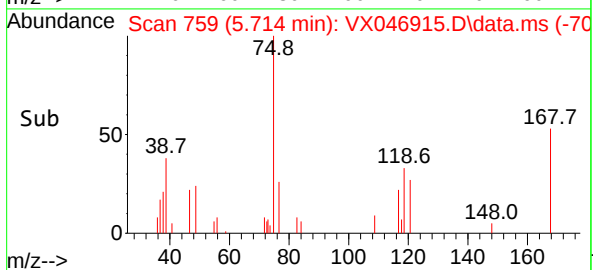
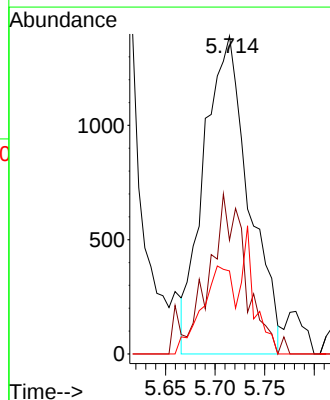
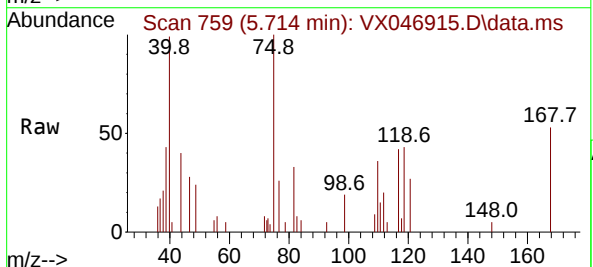
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

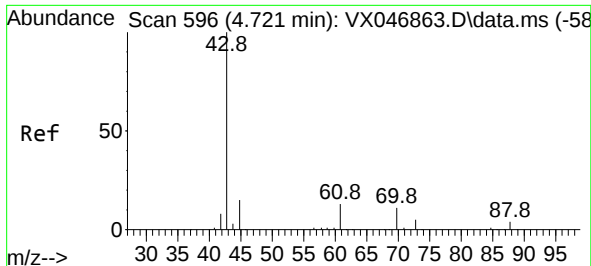
Tgt Ion:113 Resp: 208227
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 0.791 ug/l m
RT: 5.714 min Scan# 759
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 75 Resp: 4396
Ion Ratio Lower Upper
75 100
110 39.7 17.3 51.9
77 19.1 24.2 36.4#





#37

Ethyl Acetate

Concen: 1.063 ug/l m

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX046915.D

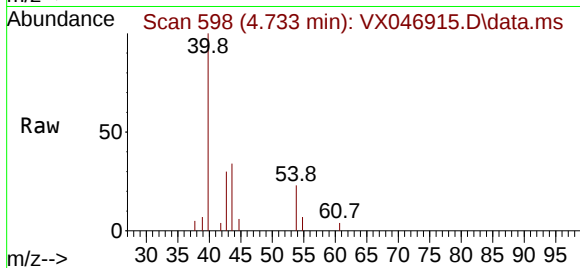
Acq: 08 Jul 2025 12:34

Instrument :

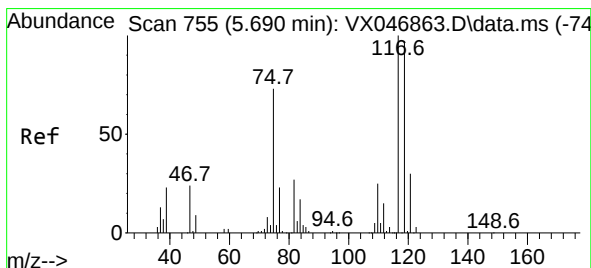
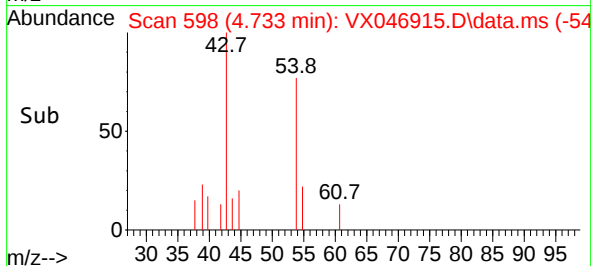
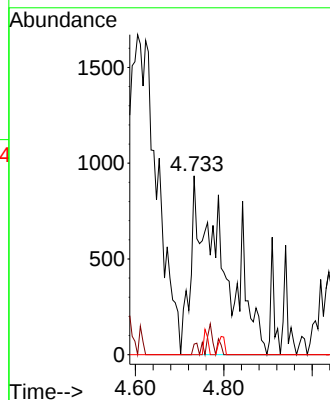
MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion:	43	Resp:	5034
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 0.853 ug/l m

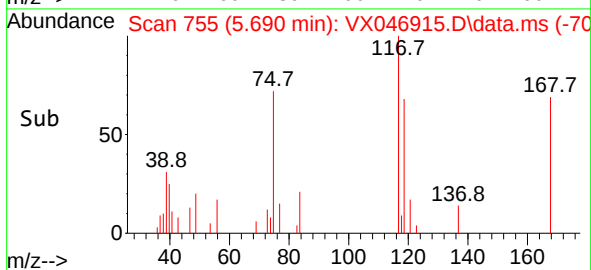
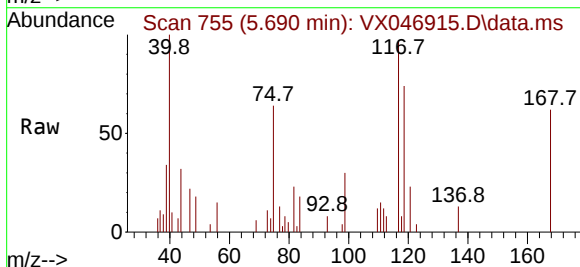
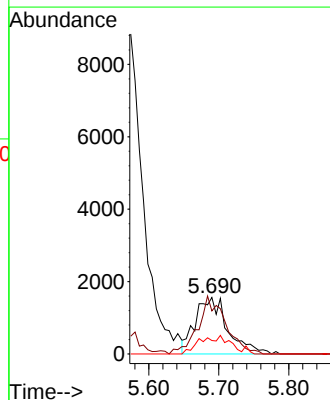
RT: 5.690 min Scan# 755

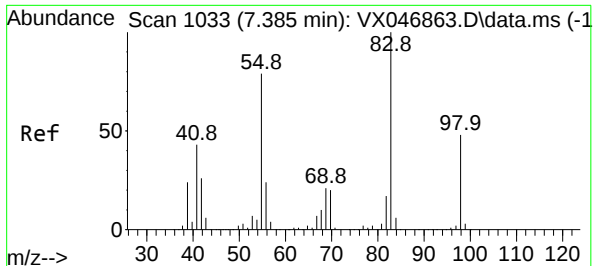
Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Tgt Ion:	117	Resp:	5012
Ion	Ratio	Lower	Upper
117	100		
119	76.2	76.6	114.8#
121	23.7	24.1	36.1#





#39

Methylcyclohexane

Concen: 0.768 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

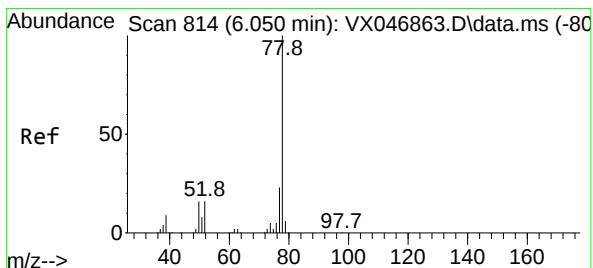
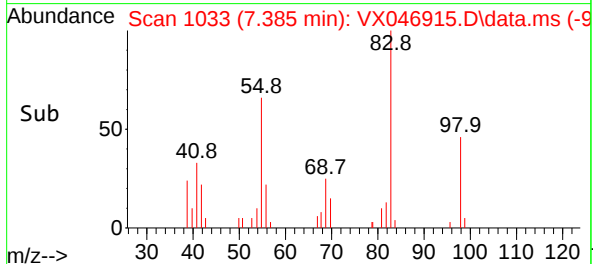
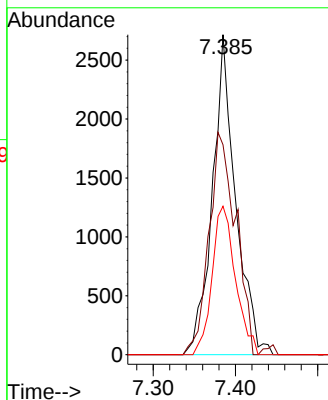
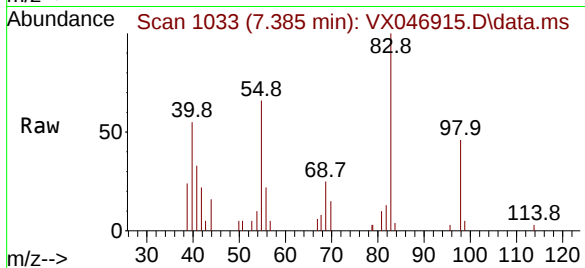
Tgt Ion: 83 Resp: 5341

Ion Ratio Lower Upper

83 100

55 63.0 63.0 94.4

98 44.6 38.5 57.7



#40

Benzene

Concen: 0.732 ug/l

RT: 6.062 min Scan# 816

Delta R.T. 0.012 min

Lab File: VX046915.D

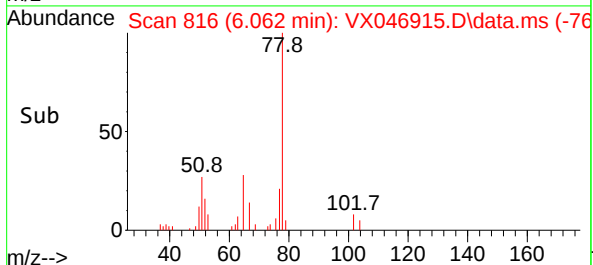
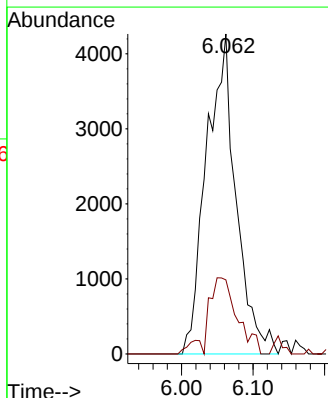
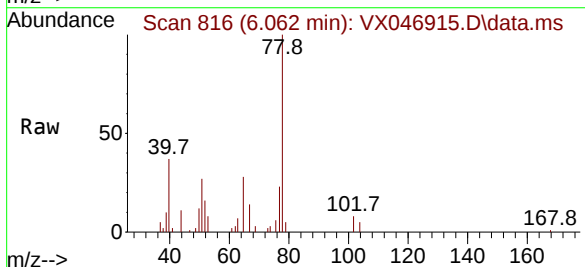
Acq: 08 Jul 2025 12:34

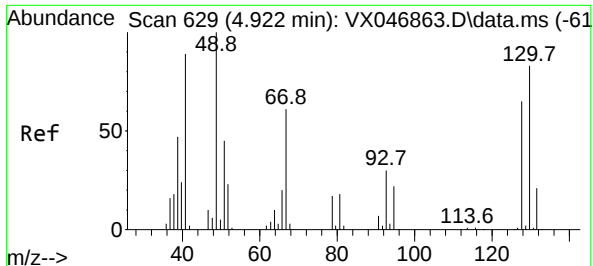
Tgt Ion: 78 Resp: 12306

Ion Ratio Lower Upper

78 100

77 23.1 18.7 28.1

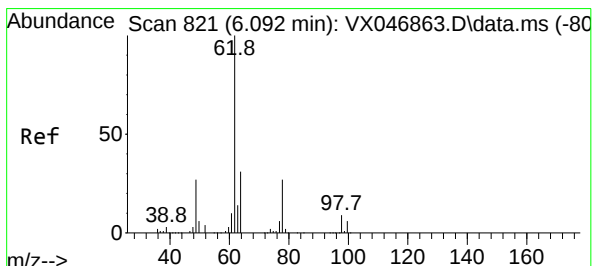
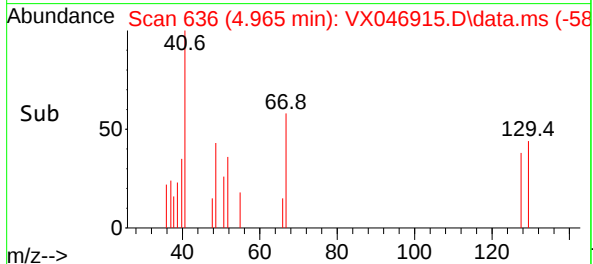
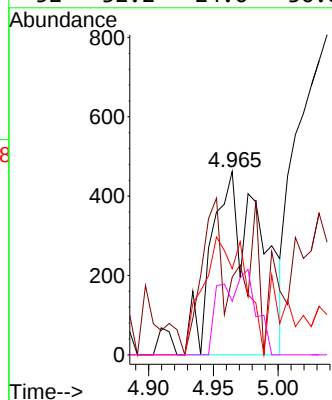
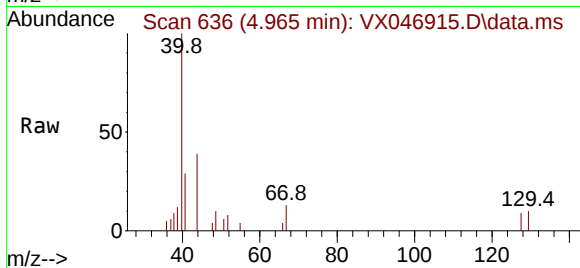




#41
Methacrylonitrile
Concen: 0.490 ug/l m
RT: 4.965 min Scan# 61
Delta R.T. 0.043 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

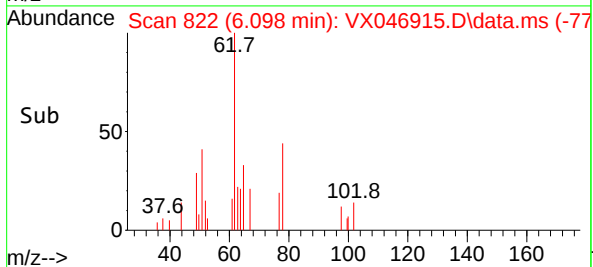
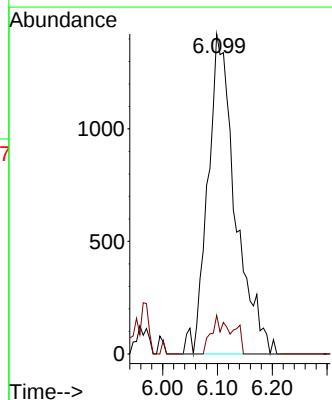
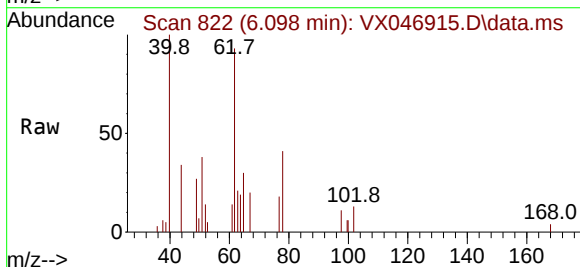
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

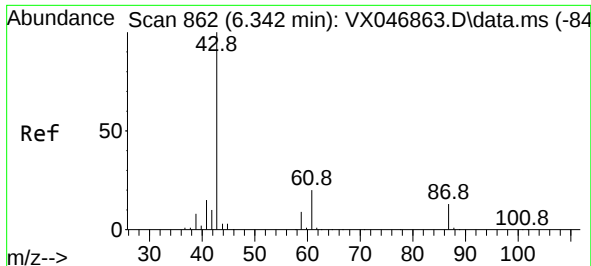
Tgt Ion:	41	Resp:	1239
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.4#
67	0.0	60.2	90.2#
52	32.2	24.6	36.8



#42
1,2-Dichloroethane
Concen: 0.867 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:	62	Resp:	4950
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 0.638 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.018 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

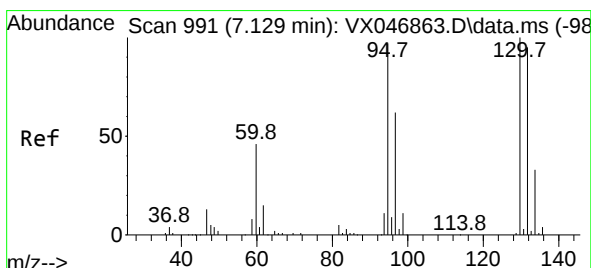
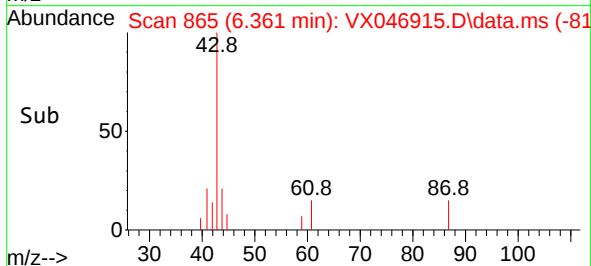
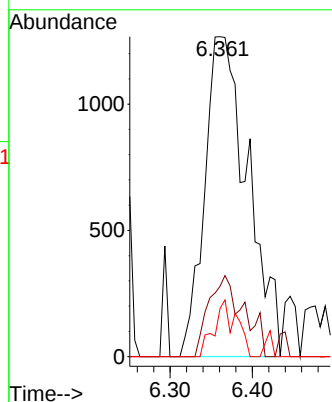
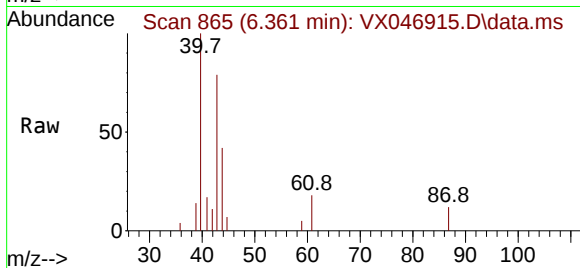
Tgt Ion: 43 Resp: 4625

Ion Ratio Lower Upper

43 100

61 20.5 15.7 23.5

87 9.2 10.1 15.1#



#44

Trichloroethene

Concen: 0.732 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX046915.D

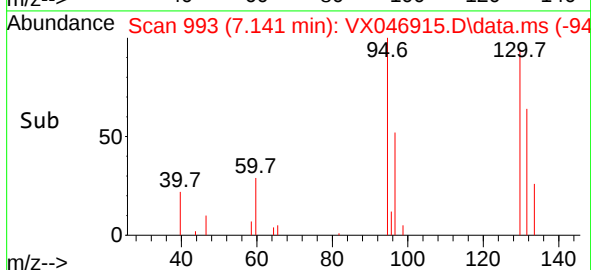
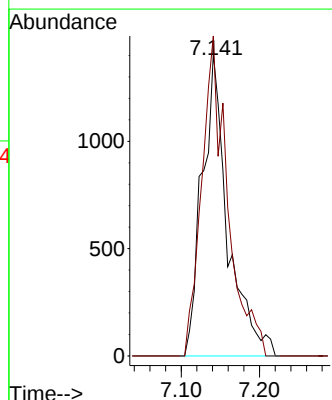
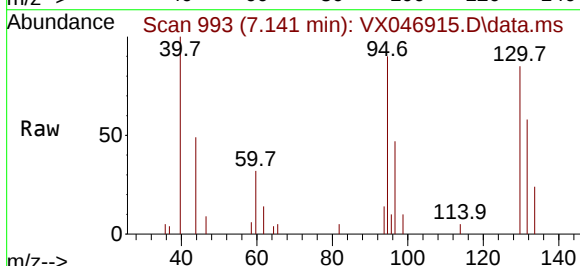
Acq: 08 Jul 2025 12:34

Tgt Ion:130 Resp: 3205

Ion Ratio Lower Upper

130 100

95 118.2 0.0 194.2





#45

1,2-Dichloropropane

Concen: 0.703 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

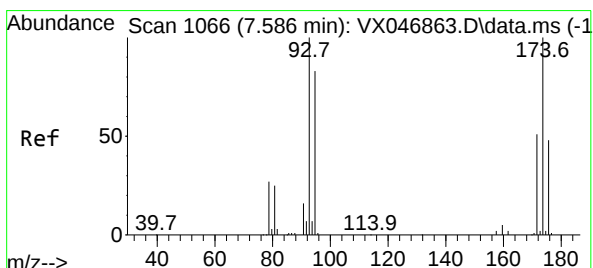
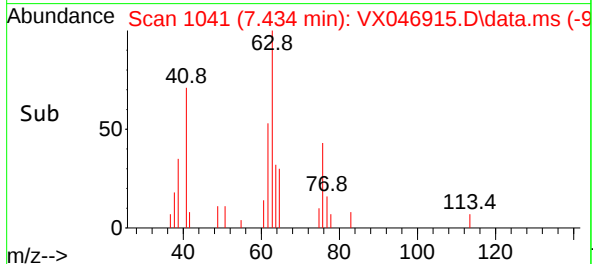
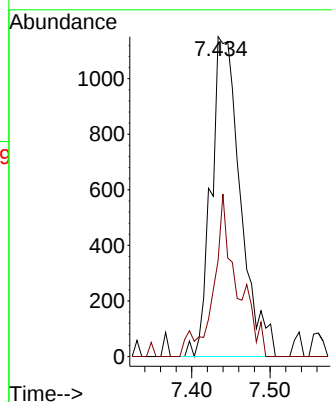
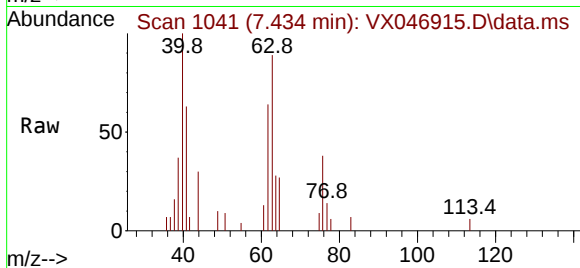
MDL-WATER-03-QT2-2025

Tgt Ion: 63 Resp: 2988

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



#46

Dibromomethane

Concen: 0.839 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. 0.018 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

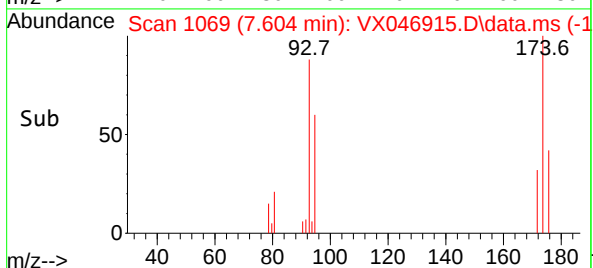
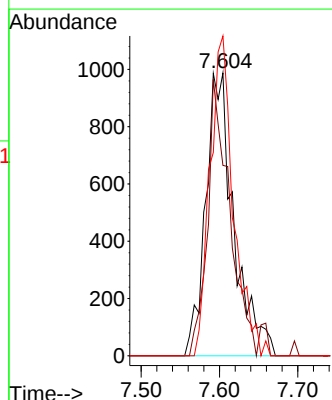
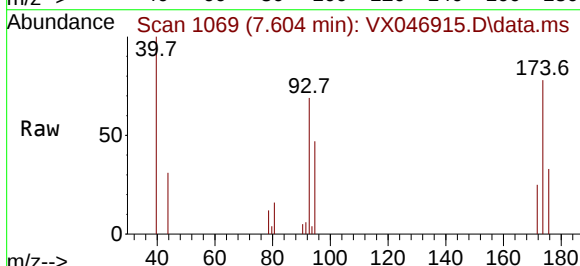
Tgt Ion: 93 Resp: 2469

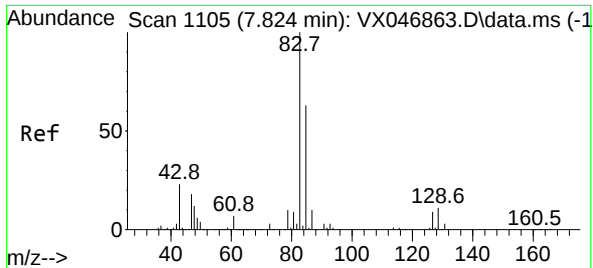
Ion Ratio Lower Upper

93 100

95 77.0 66.6 99.8

174 94.7 77.4 116.2

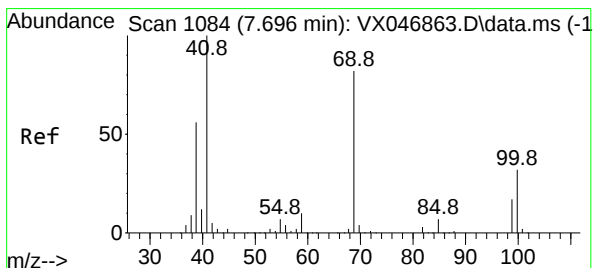
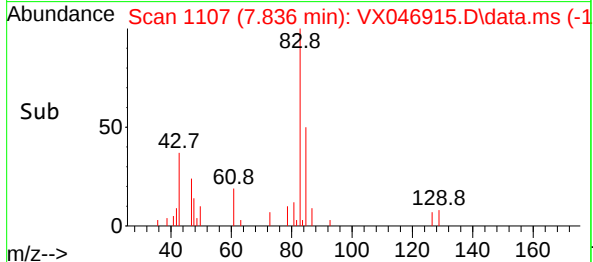
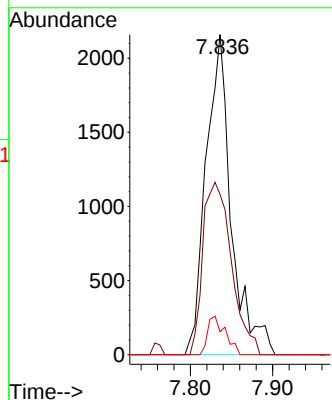
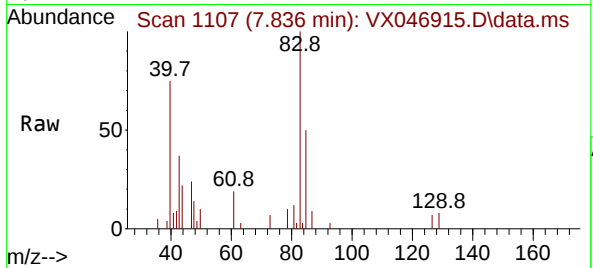




#47
Bromodichloromethane
Concen: 0.735 ug/l
RT: 7.836 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

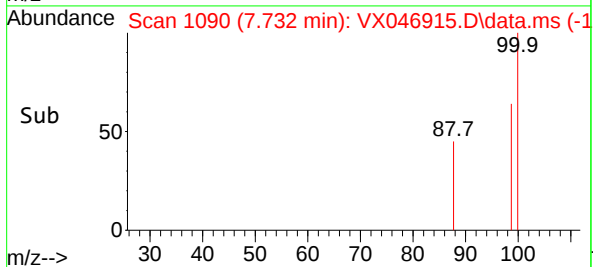
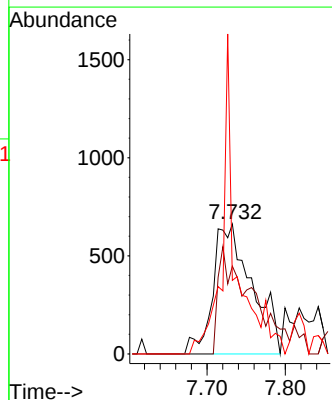
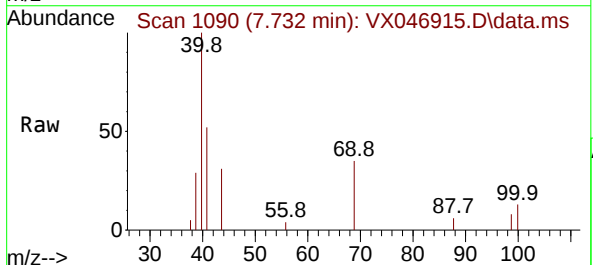
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

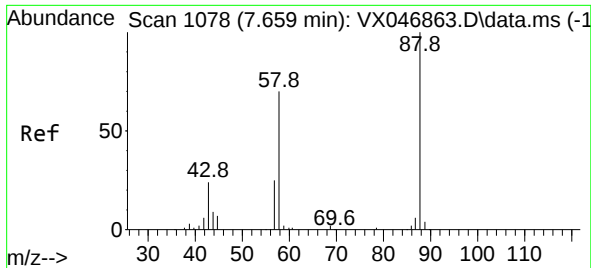
Tgt Ion: 83 Resp: 4619
Ion Ratio Lower Upper
83 100
85 48.6 50.2 75.4#
127 6.9 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.611 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.037 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 41 Resp: 2288
Ion Ratio Lower Upper
41 100
69 70.9 65.8 98.8
39 86.4 43.8 65.6#





#49

1,4-Dioxane

Concen: 18.435 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.030 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

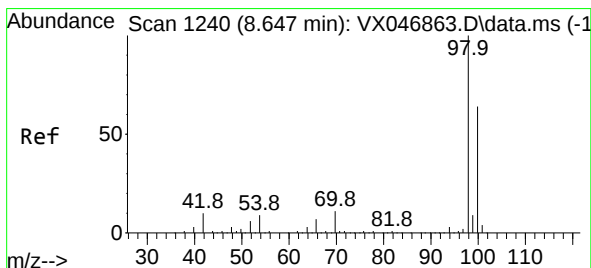
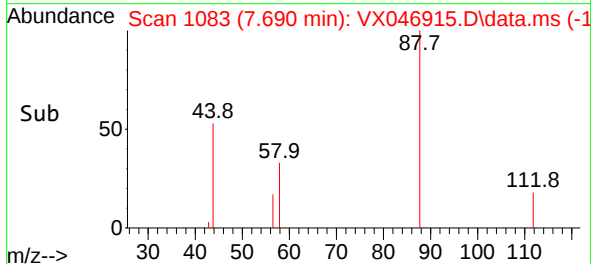
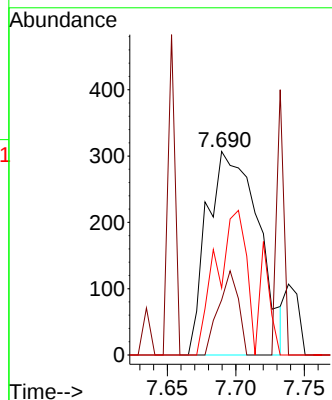
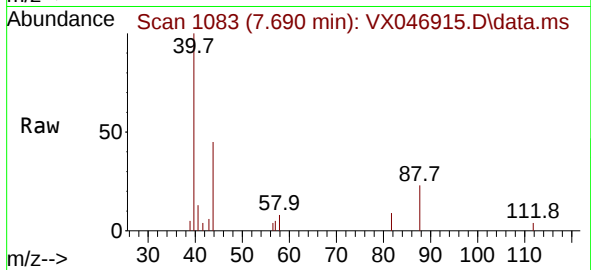
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:	88	Resp:	800
Ion	Ratio	Lower	Upper
88	100		
43	15.9	31.7	47.5#
58	41.3	57.5	86.3#



#50

Toluene-d8

Concen: 50.518 ug/l

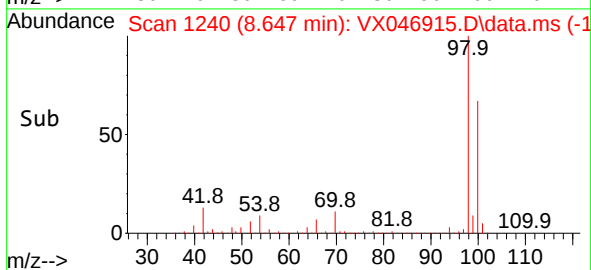
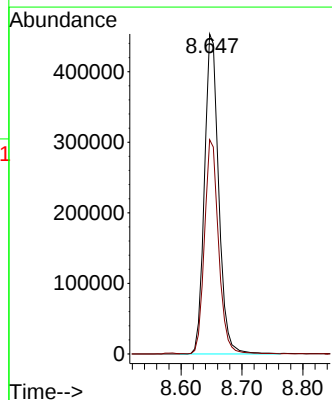
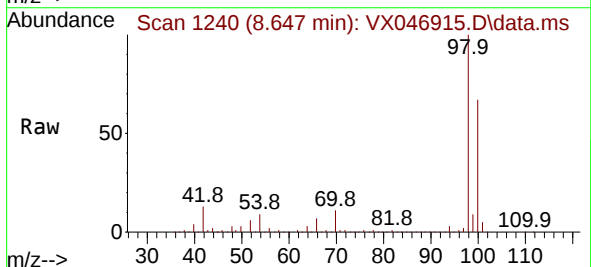
RT: 8.647 min Scan# 1240

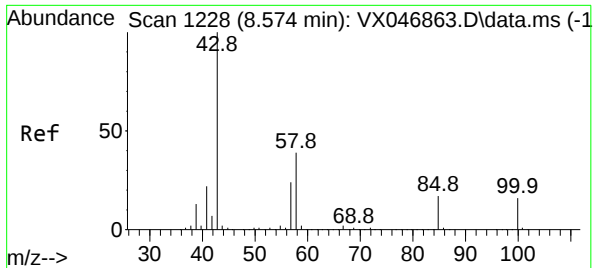
Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Tgt Ion:	98	Resp:	734505
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6

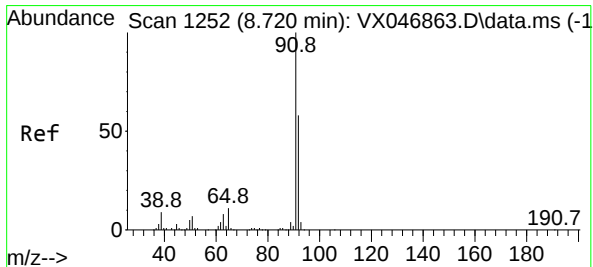
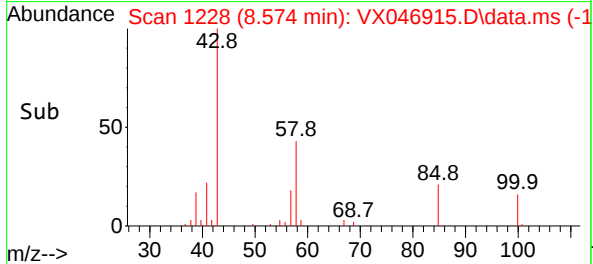
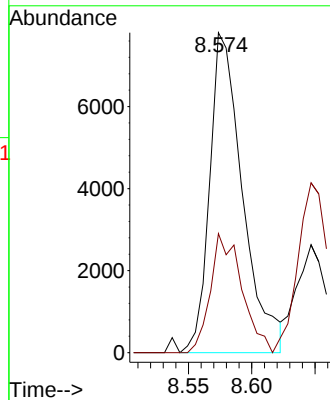
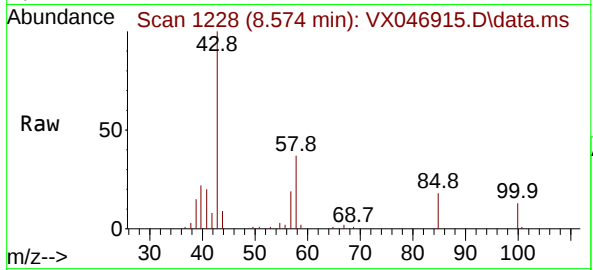




#51
4-Methyl-2-Pentanone
Concen: 3.302 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

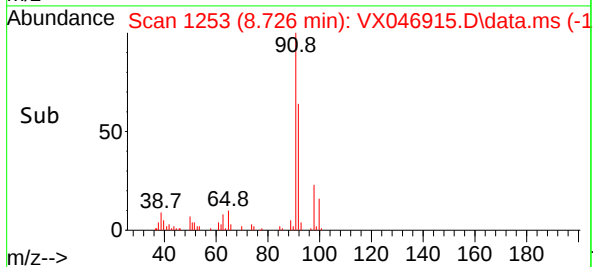
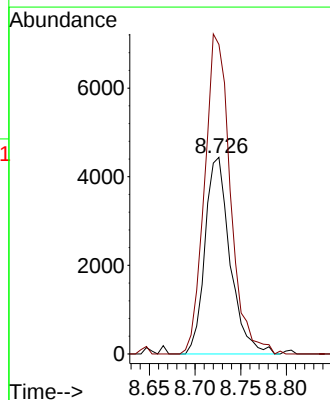
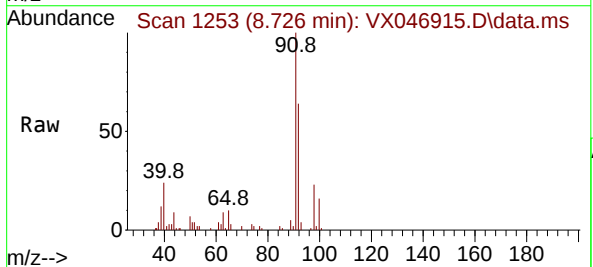
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

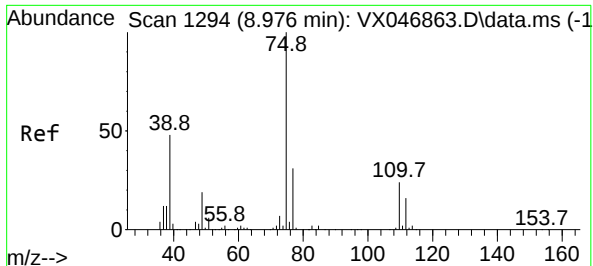
Tgt Ion: 43 Resp: 14133
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6



#52
Toluene
Concen: 0.812 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 92 Resp: 8463
Ion Ratio Lower Upper
92 100
91 167.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 0.708 ug/l

RT: 8.994 min Scan# 1196

Delta R.T. 0.018 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

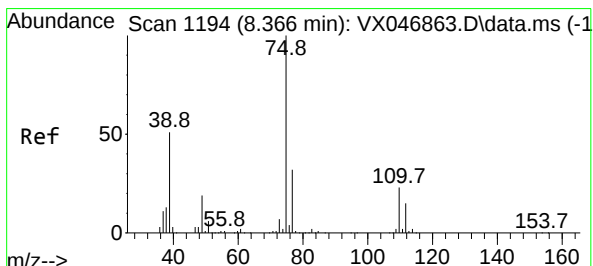
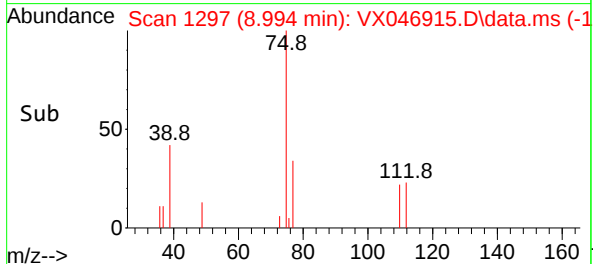
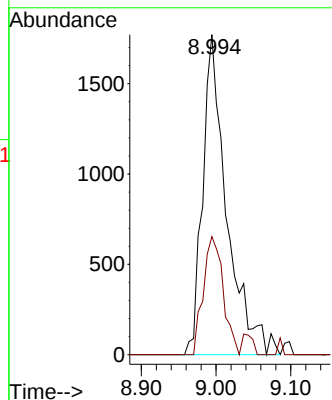
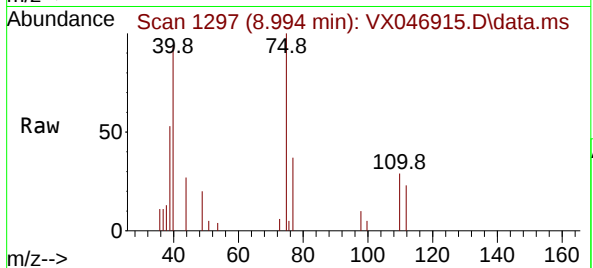
MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 3971

Ion Ratio Lower Upper

75 100

77 35.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.698 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

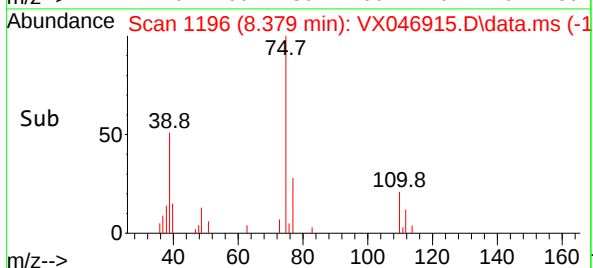
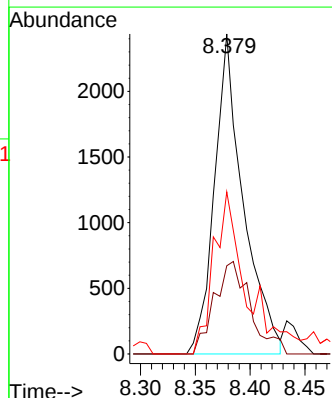
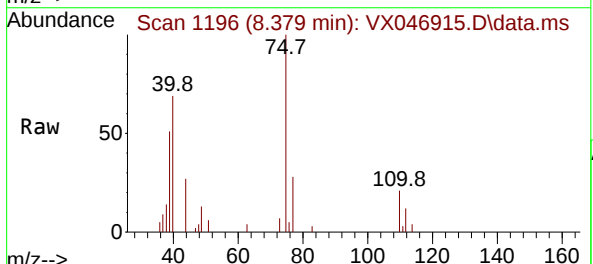
Tgt Ion: 75 Resp: 4470

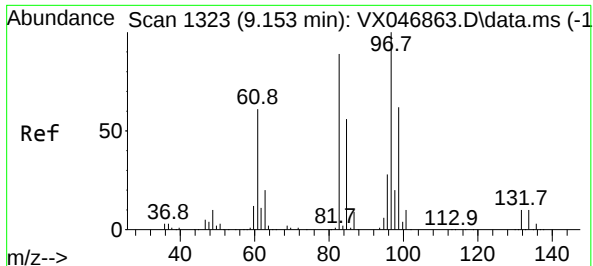
Ion Ratio Lower Upper

75 100

77 27.5 25.4 38.2

39 50.6 40.7 61.1

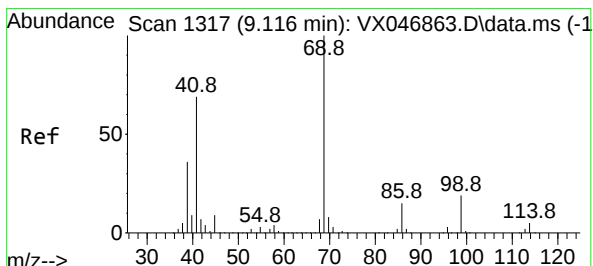
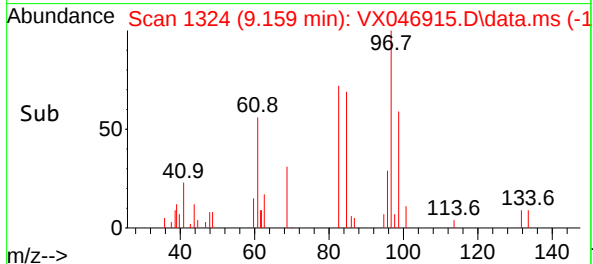
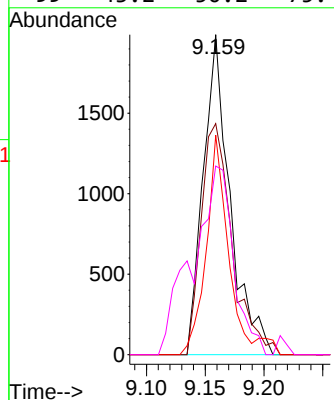
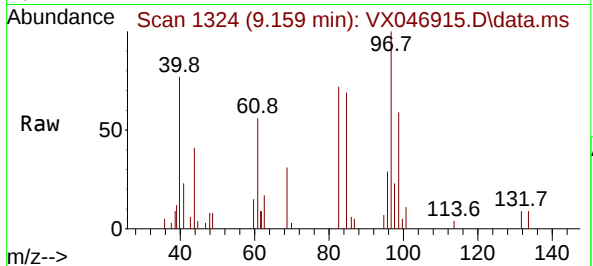




#55
1,1,2-Trichloroethane
Concen: 0.813 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

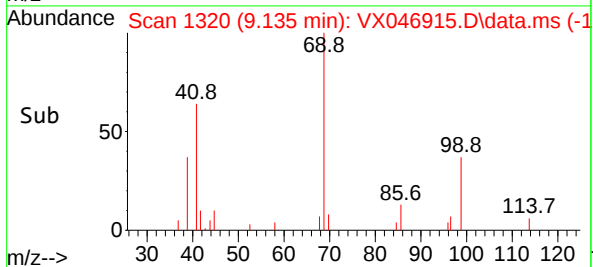
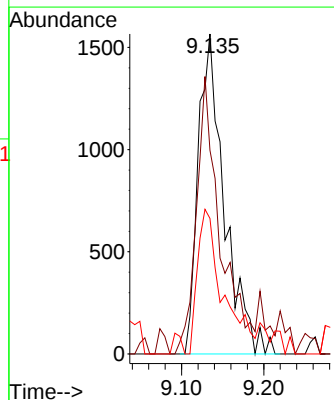
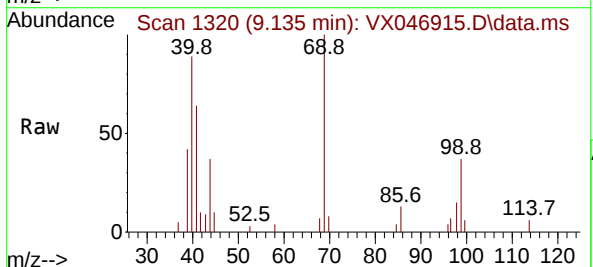
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

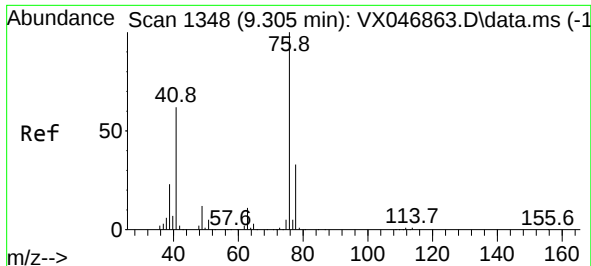
Tgt Ion:	97	Resp:	3156
Ion	Ratio	Lower	Upper
97	100		
83	58.8	70.9	106.3#
85	55.9	44.6	67.0
99	43.2	50.2	75.4#



#56
Ethyl methacrylate
Concen: 0.642 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:	69	Resp:	3451
Ion	Ratio	Lower	Upper
69	100		
41	79.5	54.6	82.0
39	43.9	28.7	43.1#





#57

1,3-Dichloropropane

Concen: 0.801 ug/l

RT: 9.317 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

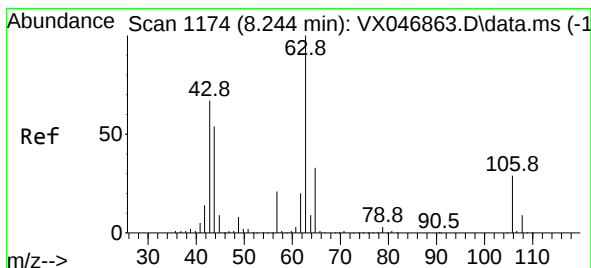
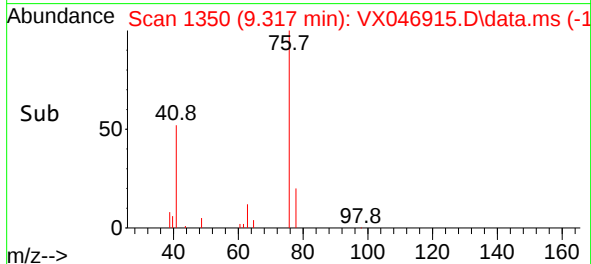
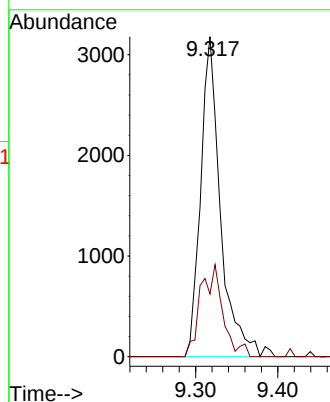
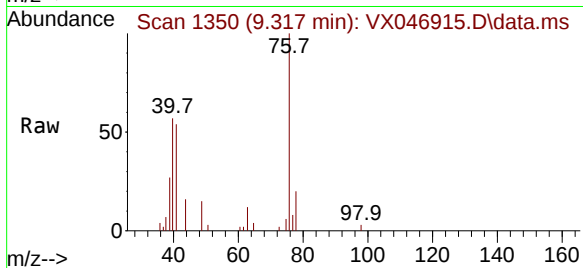
MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 5351

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 2.527 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX046915.D

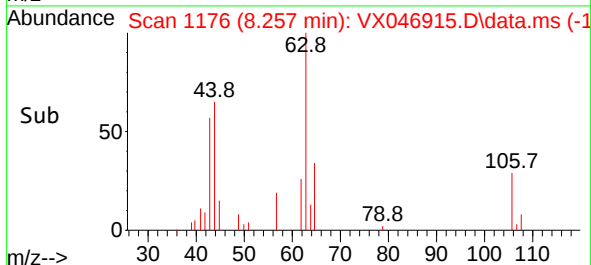
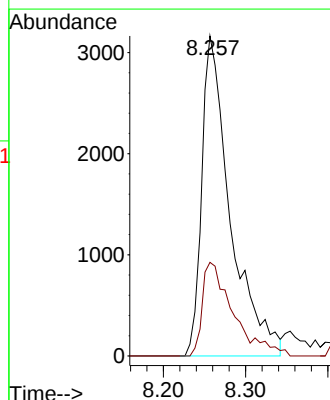
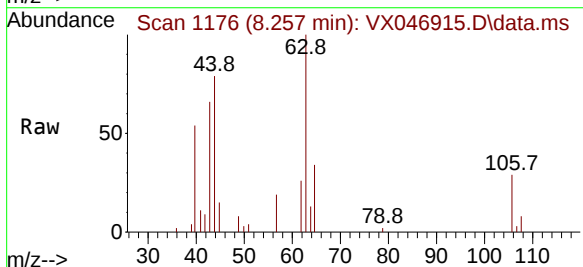
Acq: 08 Jul 2025 12:34

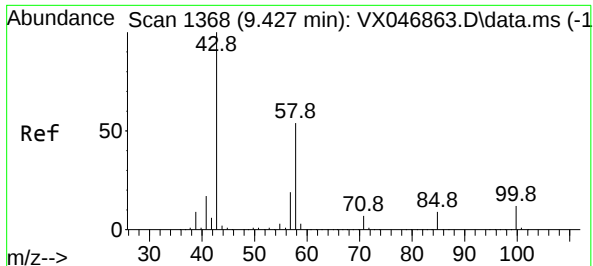
Tgt Ion: 63 Resp: 7650

Ion Ratio Lower Upper

63 100

106 31.6 22.6 33.8





#59

2-Hexanone

Concen: 3.295 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

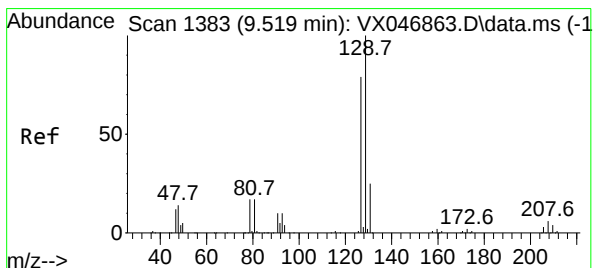
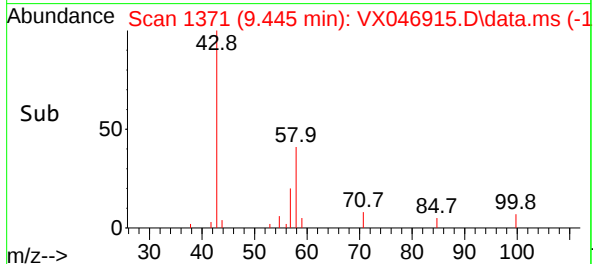
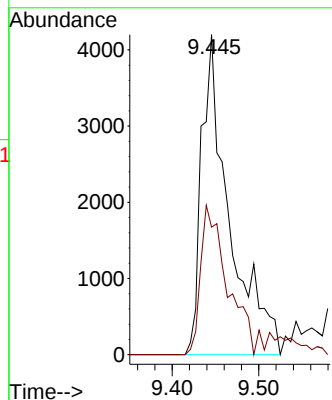
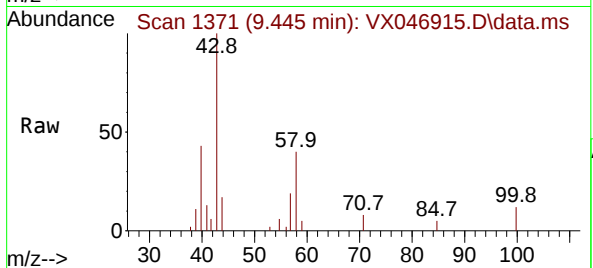
MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 9355

Ion Ratio Lower Upper

43 100

58 44.6 27.1 81.3



#60

Dibromochloromethane

Concen: 0.727 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX046915.D

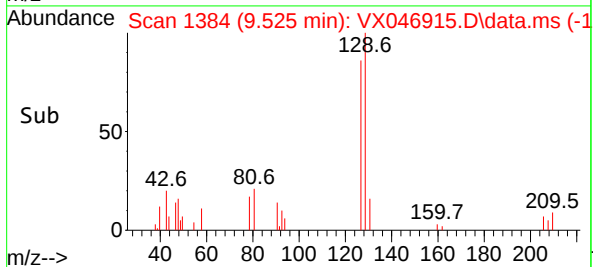
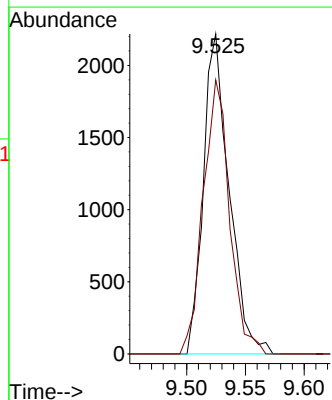
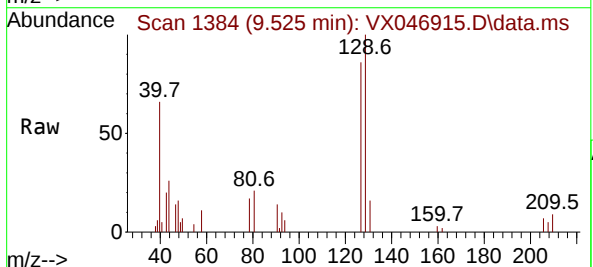
Acq: 08 Jul 2025 12:34

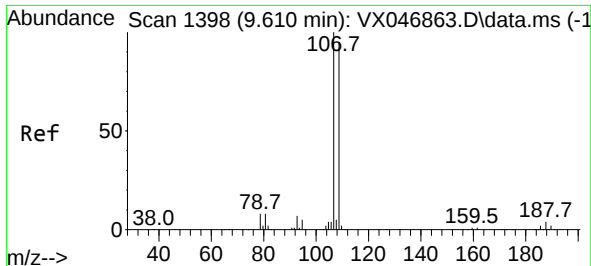
Tgt Ion: 129 Resp: 3379

Ion Ratio Lower Upper

129 100

127 87.8 39.1 117.5

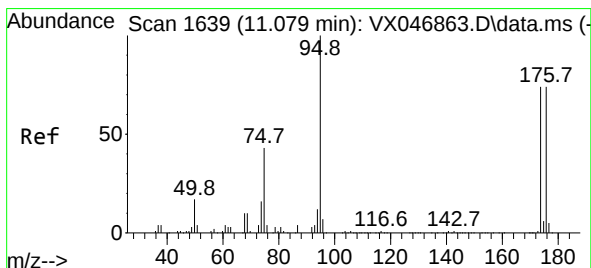
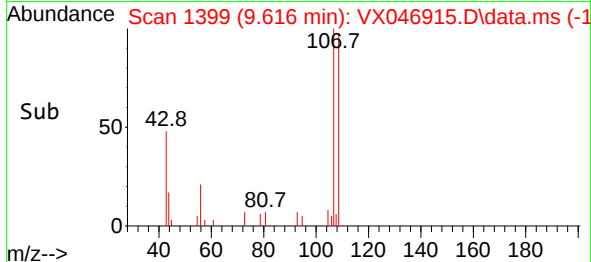
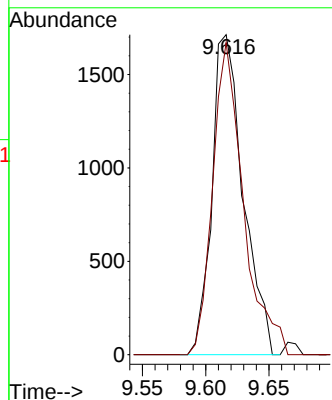
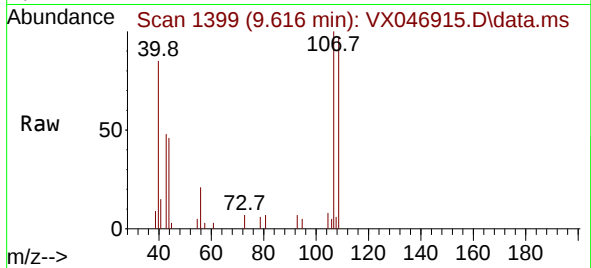




#61
1,2-Dibromoethane
Concen: 0.756 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

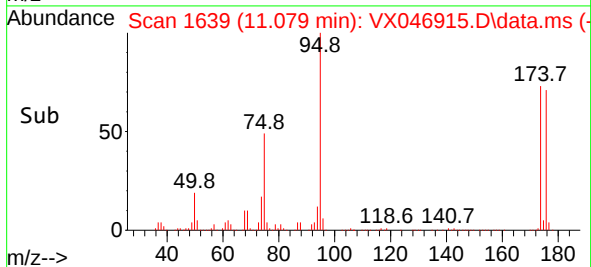
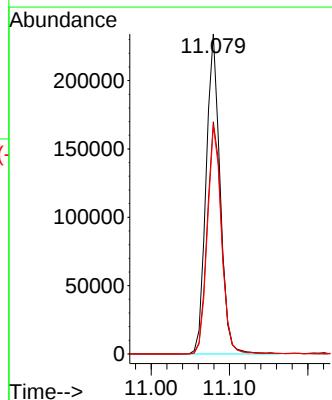
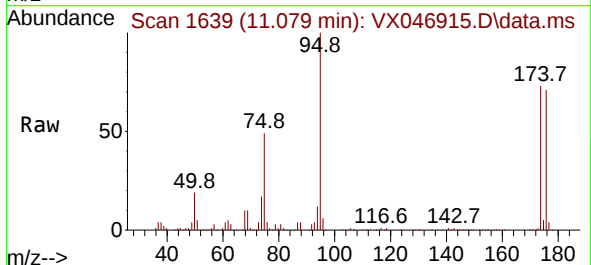
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

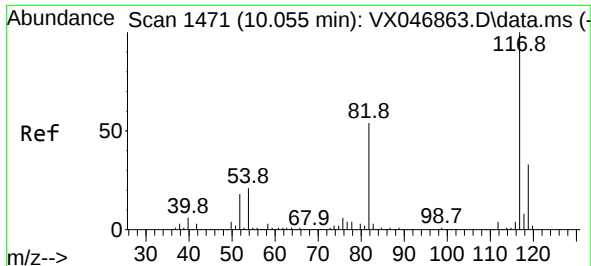
Tgt Ion:107 Resp: 2947
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 95 Resp: 288386
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.0
176 71.9 0.0 145.2

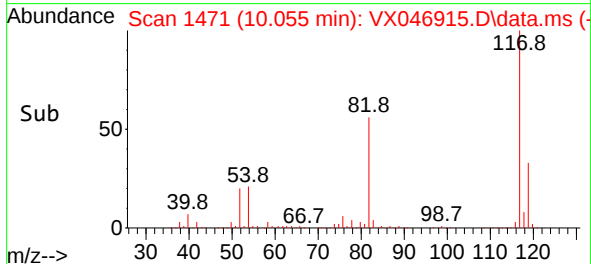
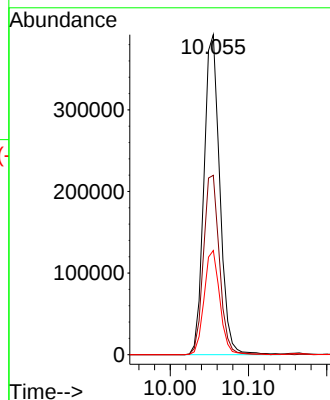
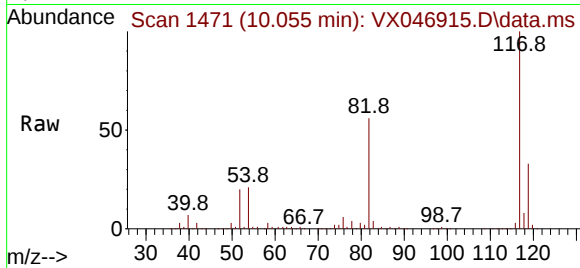




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

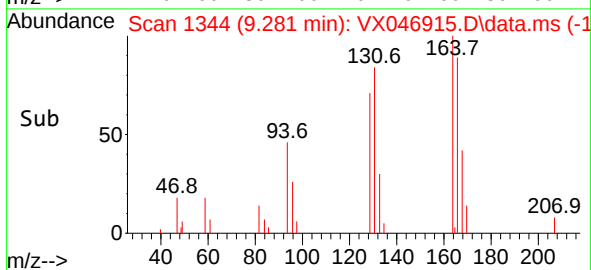
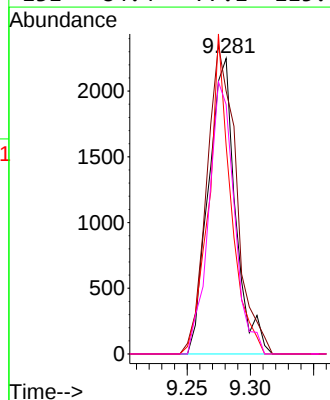
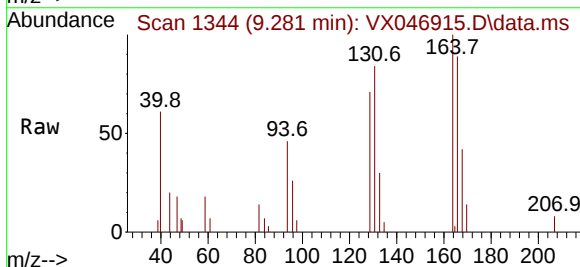
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

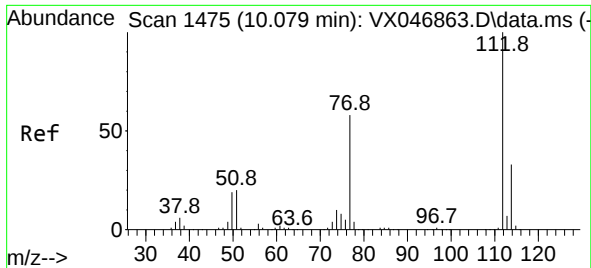
Tgt Ion:117 Resp: 550457
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.6 26.4 39.6



#64
Tetrachloroethene
Concen: 0.912 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:164 Resp: 3342
Ion Ratio Lower Upper
164 100
166 89.0 107.0 160.6#
129 70.6 79.7 119.5#
131 84.4 77.1 115.7

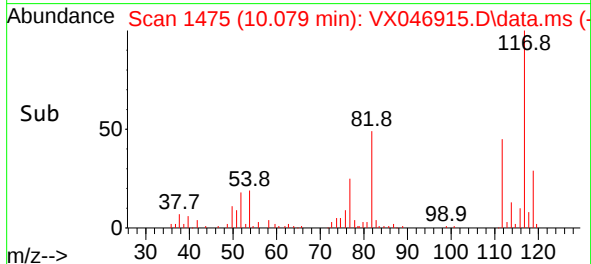
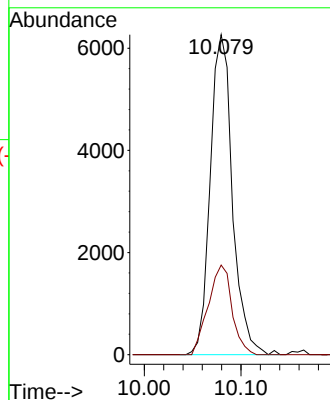
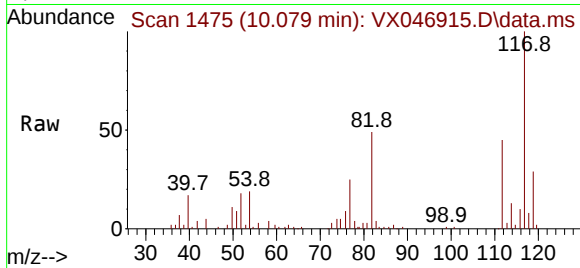




#65
Chlorobenzene
Concen: 0.839 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

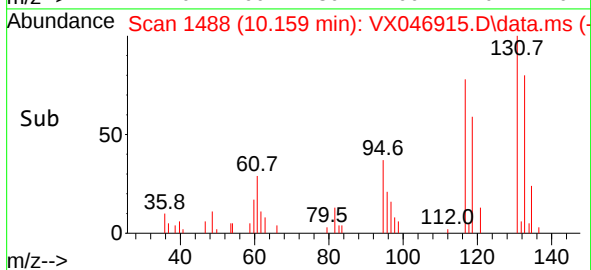
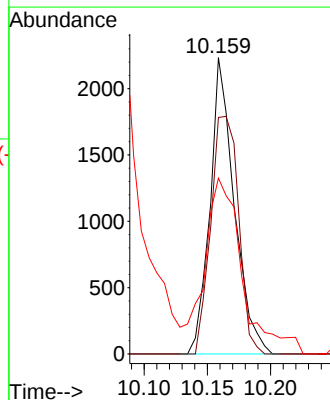
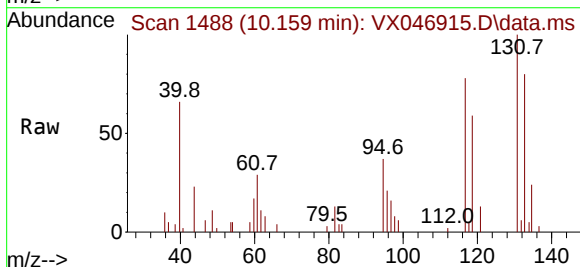
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

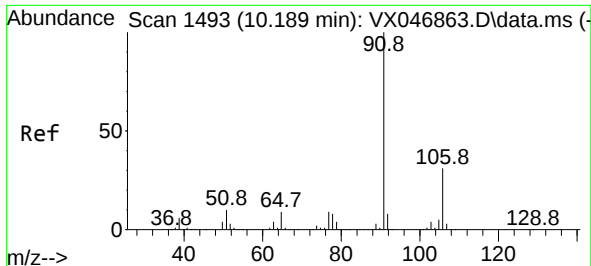
Tgt Ion:112 Resp: 9988
Ion Ratio Lower Upper
112 100
114 28.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.746 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:131 Resp: 2984
Ion Ratio Lower Upper
131 100
133 91.6 47.6 142.9
119 0.0 32.4 97.2#





#67

Ethyl Benzene

Concen: 0.765 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

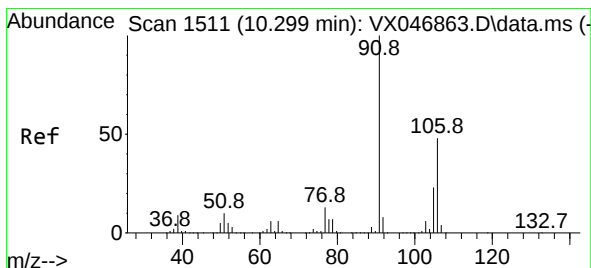
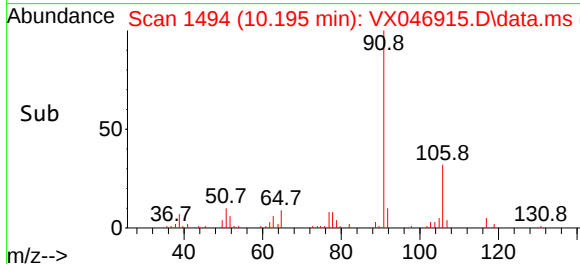
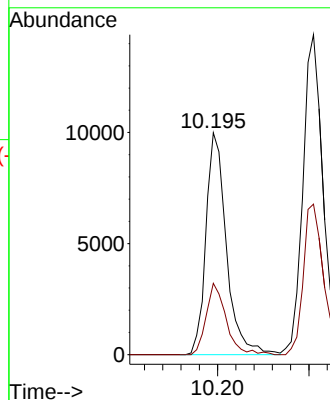
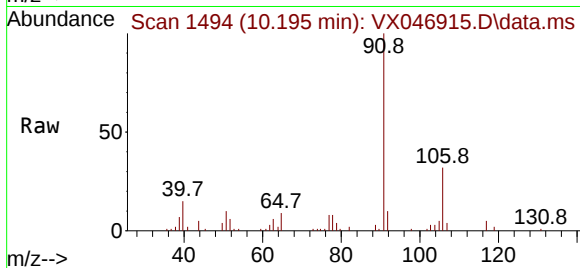
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 15585

Ion Ratio Lower Upper

91 100

106 32.2 24.4 36.6



#68

m/p-Xylenes

Concen: 1.442 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046915.D

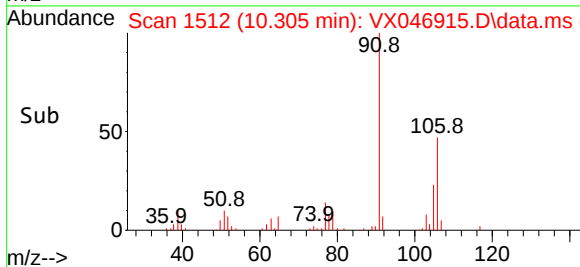
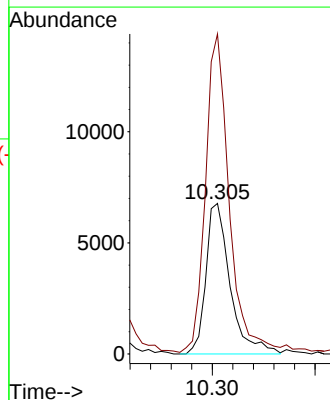
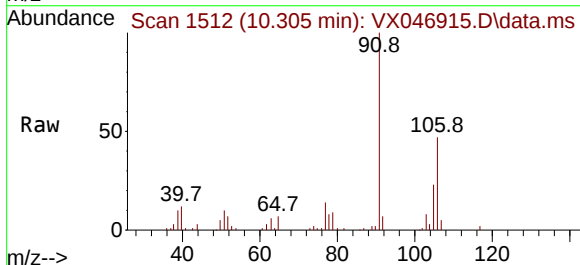
Acq: 08 Jul 2025 12:34

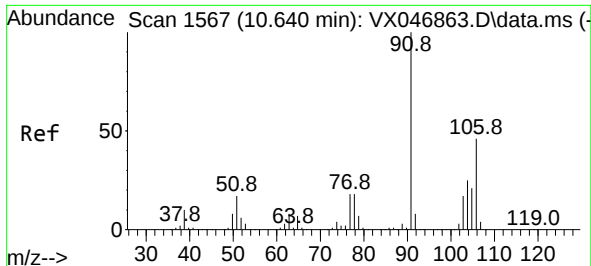
Tgt Ion: 106 Resp: 11073

Ion Ratio Lower Upper

106 100

91 215.1 164.6 246.8

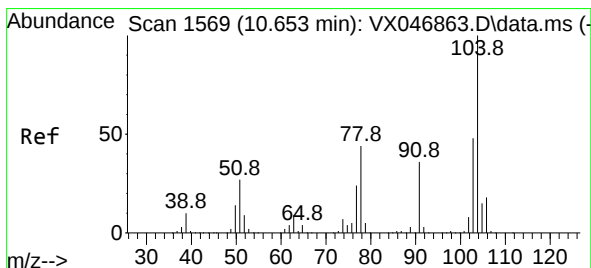
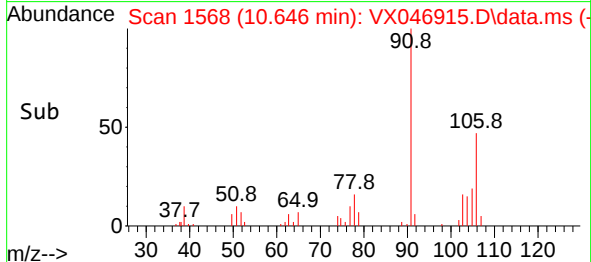
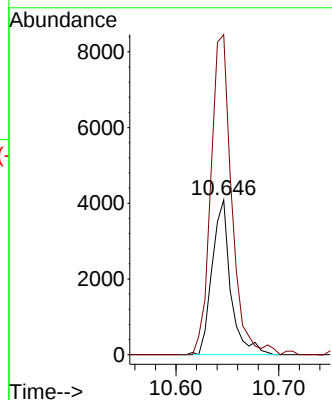
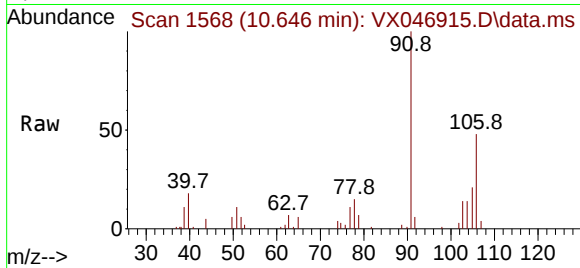




#69
o-Xylene
Concen: 0.690 ug/l
RT: 10.646 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

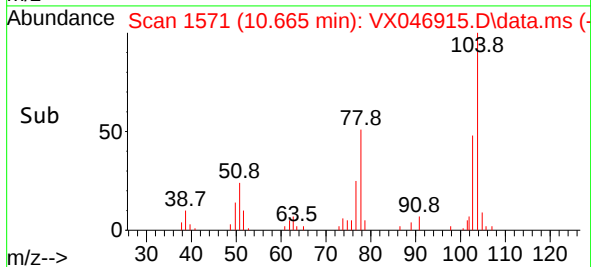
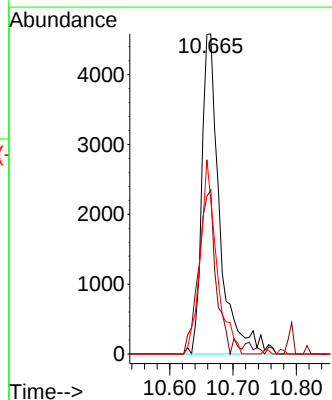
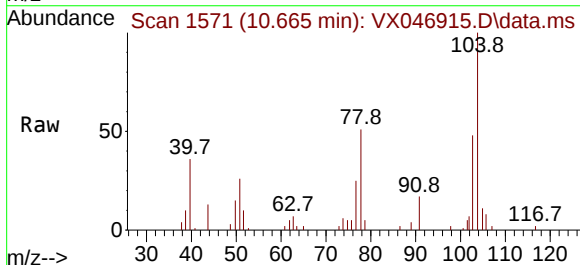
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

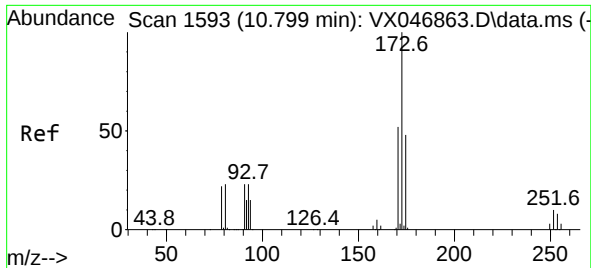
Tgt Ion:106 Resp: 5119
Ion Ratio Lower Upper
106 100
91 232.5 109.5 328.5



#70
Styrene
Concen: 0.714 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:104 Resp: 9064
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 55.1 42.8 64.2

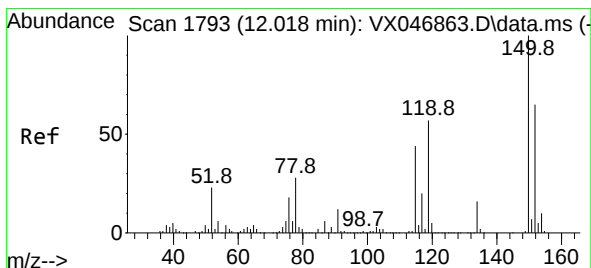
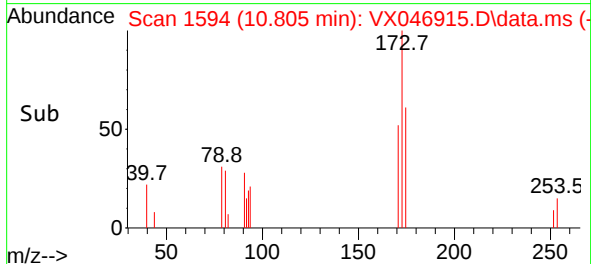
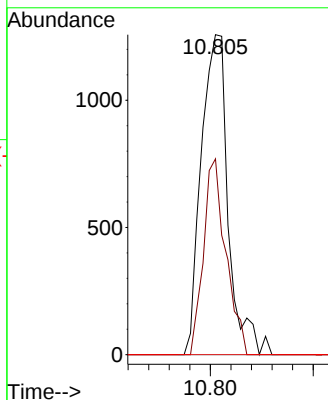
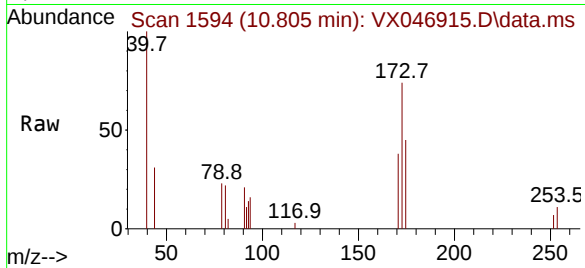




#71
Bromoform
Concen: 0.774 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

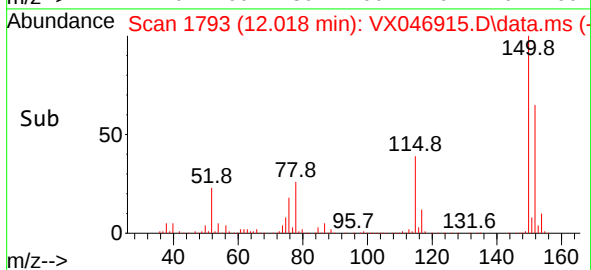
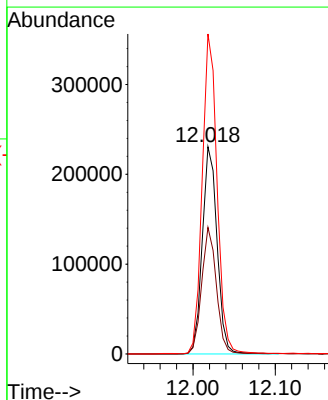
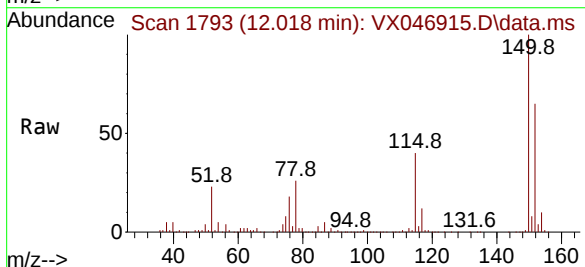
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

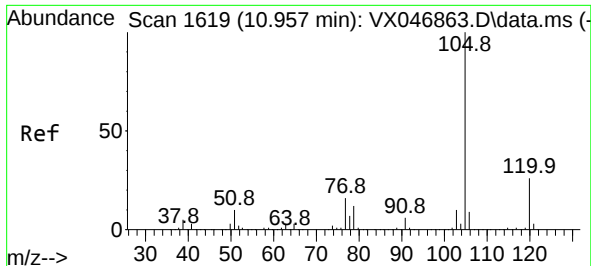
Tgt Ion:173 Resp: 2303
Ion Ratio Lower Upper
173 100
175 50.5 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:152 Resp: 289087
Ion Ratio Lower Upper
152 100
115 60.7 42.4 127.1
150 154.4 0.0 349.2

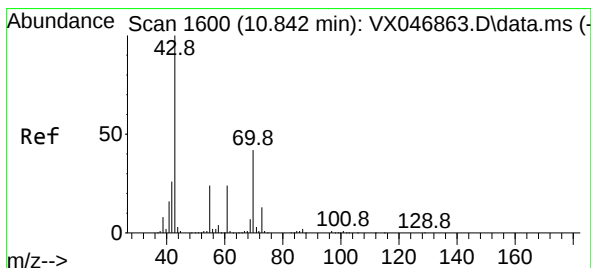
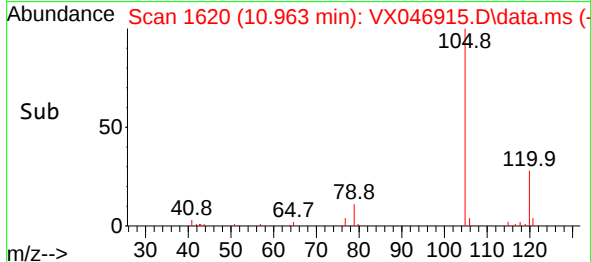
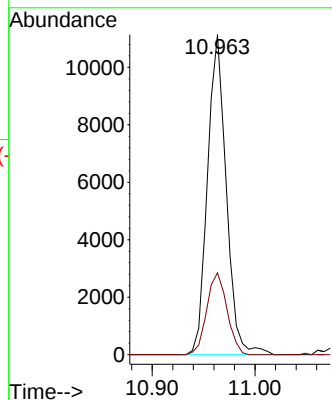
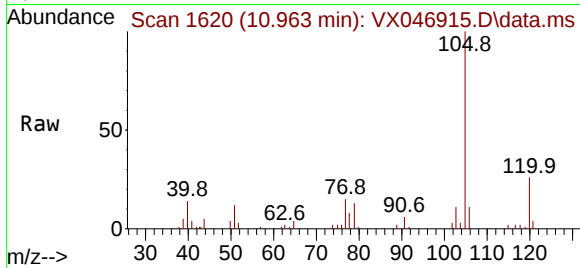




#73
Isopropylbenzene
Concen: 0.695 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

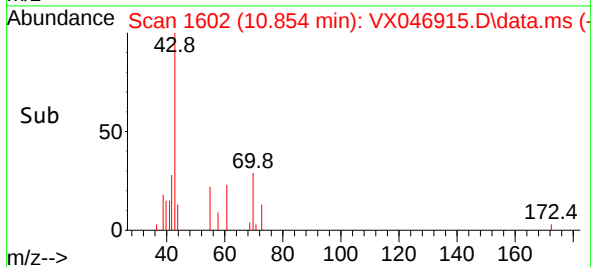
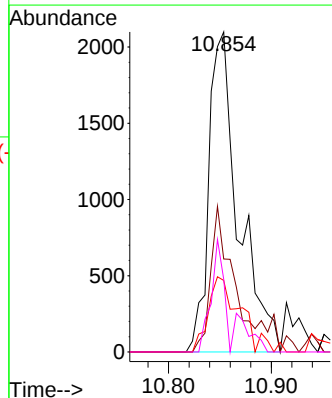
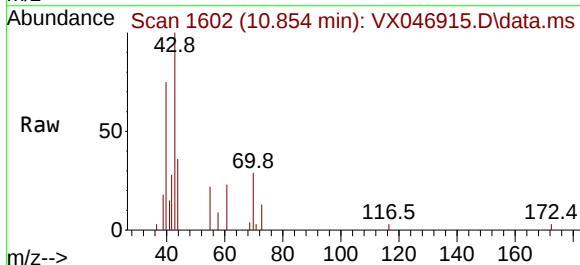
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 14133
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.5



#74
N-ethyl acetate
Concen: 0.607 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
70 34.2 33.4 50.2
55 25.8 19.6 29.4
61 19.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 0.763 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

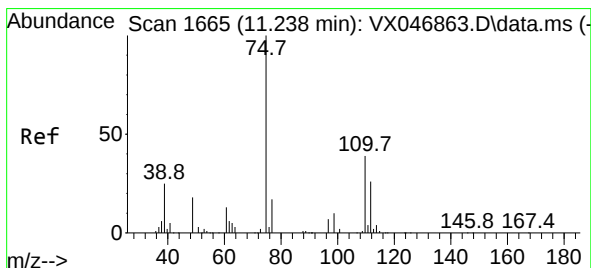
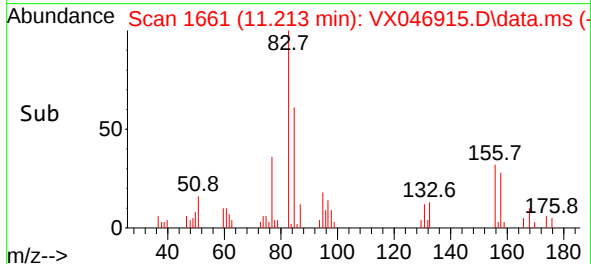
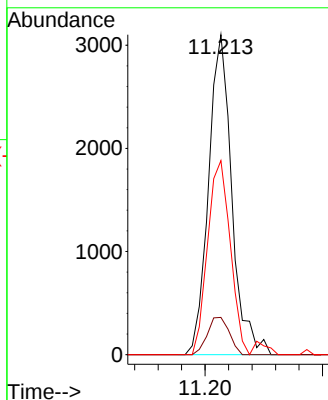
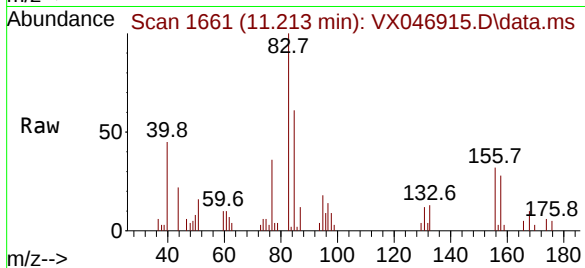
Tgt Ion: 83 Resp: 4266

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 58.9 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 0.780 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046915.D

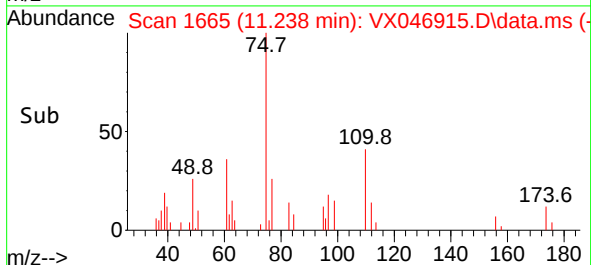
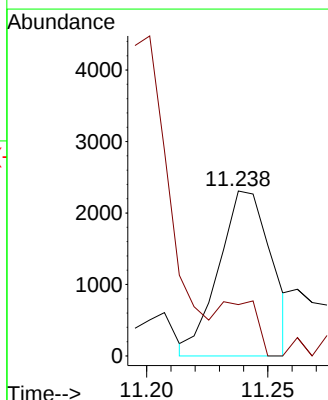
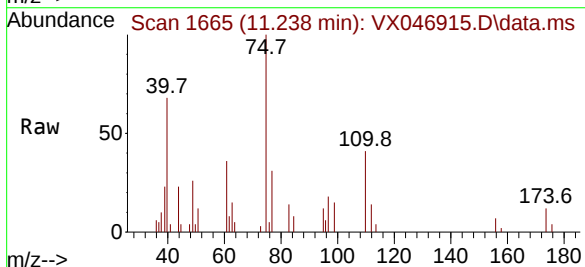
Acq: 08 Jul 2025 12:34

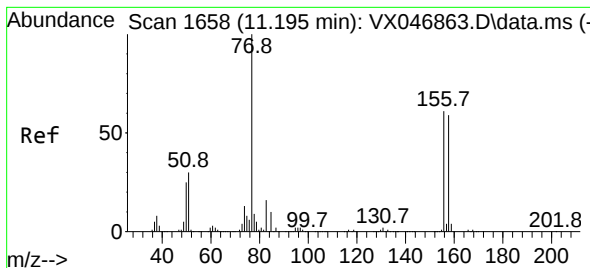
Tgt Ion: 75 Resp: 3483

Ion Ratio Lower Upper

75 100

77 23.6 20.6 61.8





#77

Bromobenzene

Concen: 0.786 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

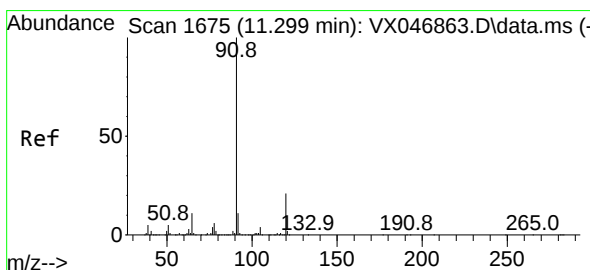
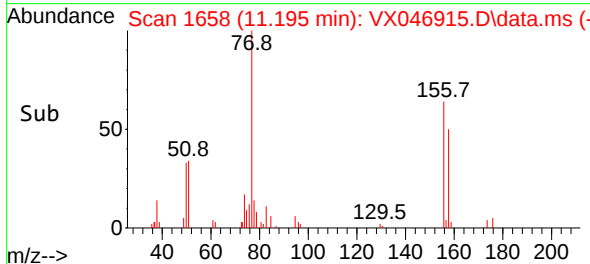
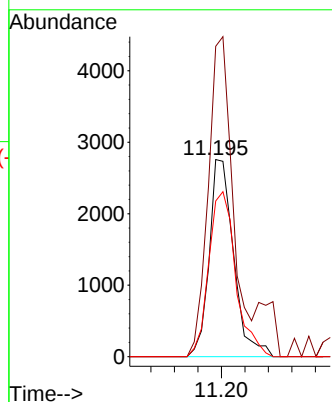
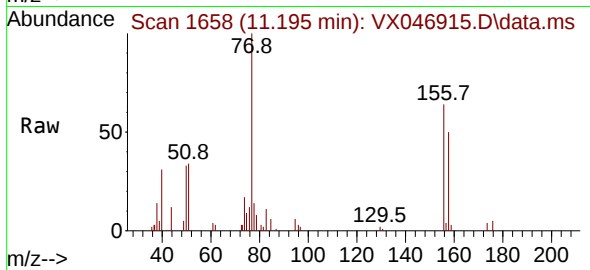
Tgt Ion:156 Resp: 3979

Ion Ratio Lower Upper

156 100

77 161.9 82.3 247.0

158 92.6 47.5 142.6



#78

n-propylbenzene

Concen: 0.750 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046915.D

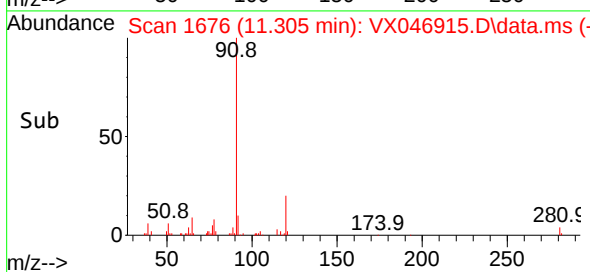
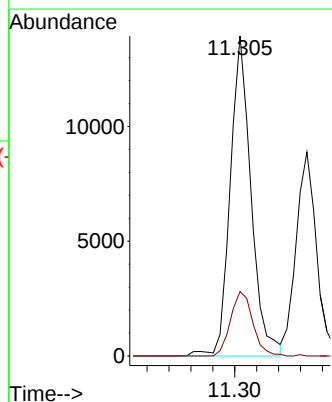
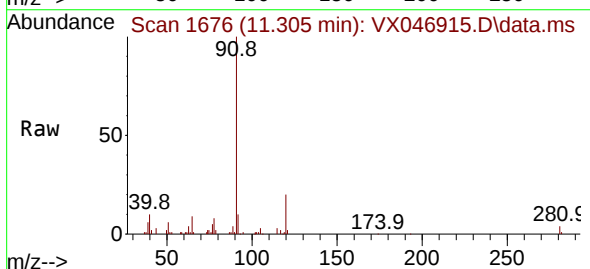
Acq: 08 Jul 2025 12:34

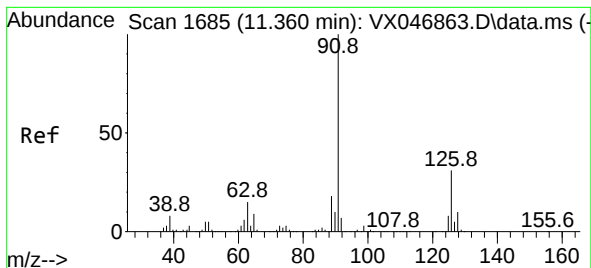
Tgt Ion: 91 Resp: 18381

Ion Ratio Lower Upper

91 100

120 21.4 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.820 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

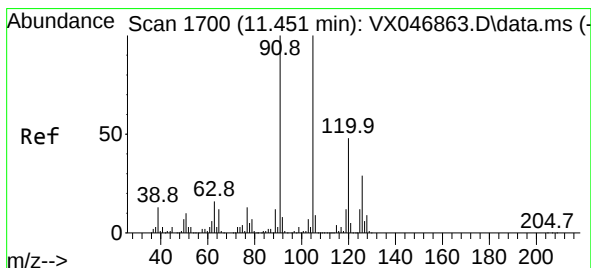
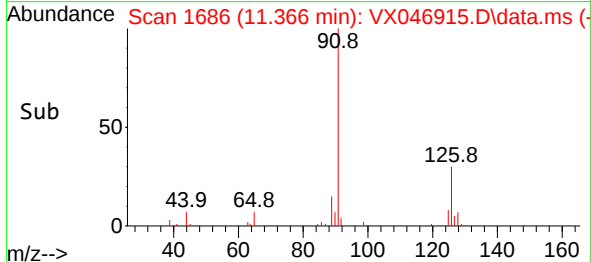
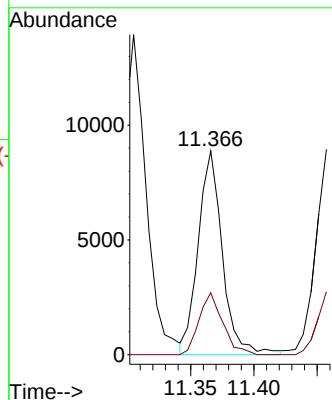
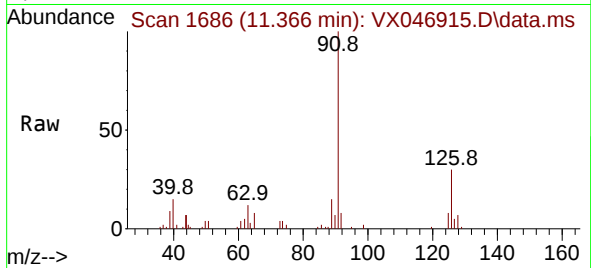
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 11862

Ion Ratio Lower Upper

91 100

126 29.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.753 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046915.D

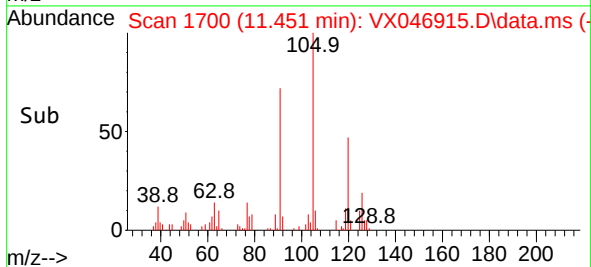
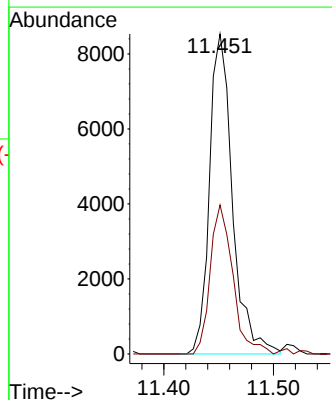
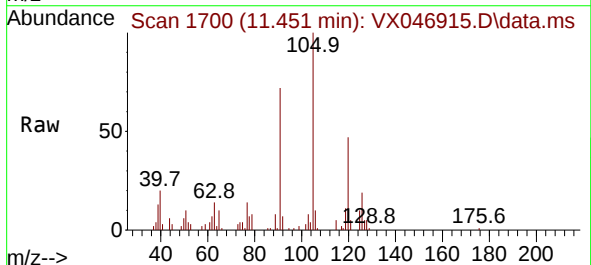
Acq: 08 Jul 2025 12:34

Tgt Ion:105 Resp: 12426

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.545 ug/l m

RT: 11.031 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

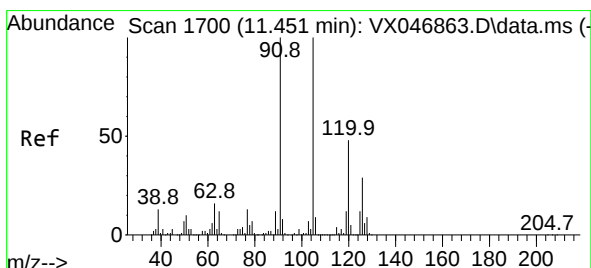
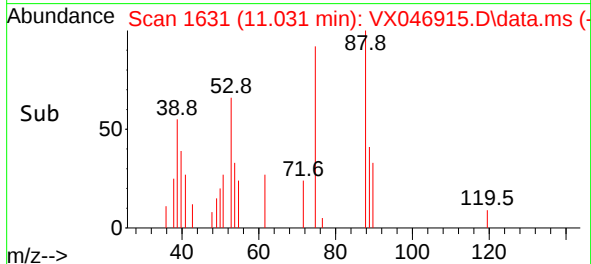
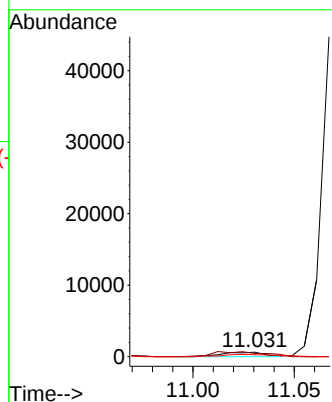
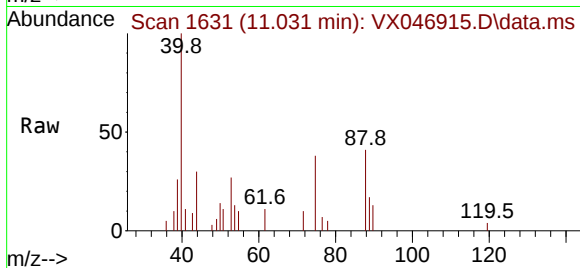
Tgt Ion: 75 Resp: 907

Ion Ratio Lower Upper

75 100

53 17.3 83.7 125.5#

89 0.0 38.2 57.2#



#82

4-Chlorotoluene

Concen: 0.741 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX046915.D

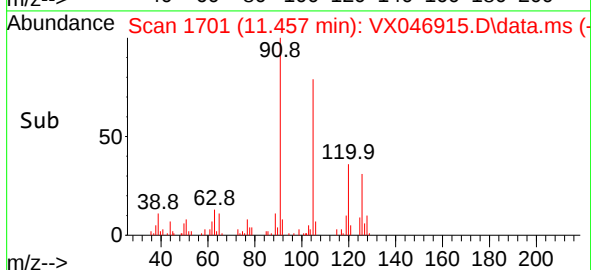
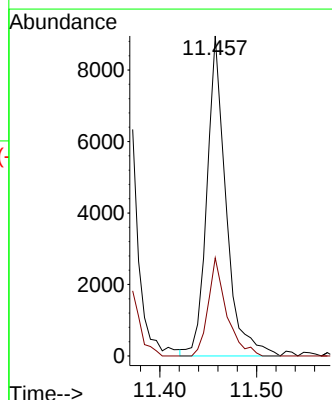
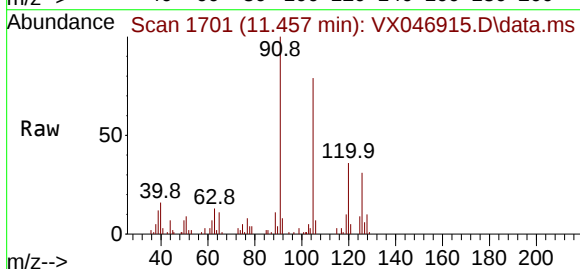
Acq: 08 Jul 2025 12:34

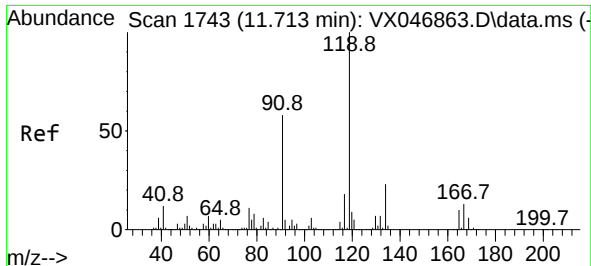
Tgt Ion: 91 Resp: 12373

Ion Ratio Lower Upper

91 100

126 29.3 14.6 44.0

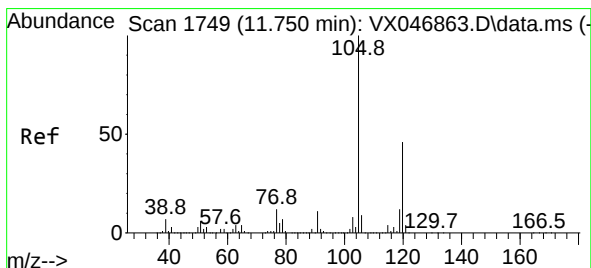
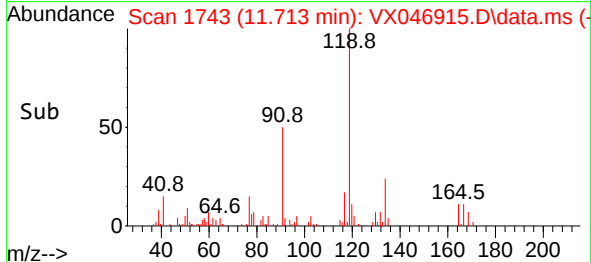
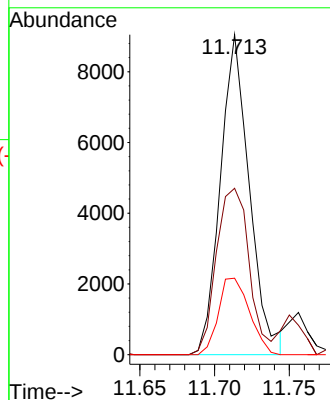
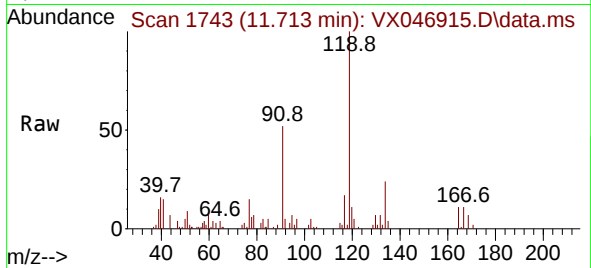




#83
tert-Butylbenzene
Concen: 0.716 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

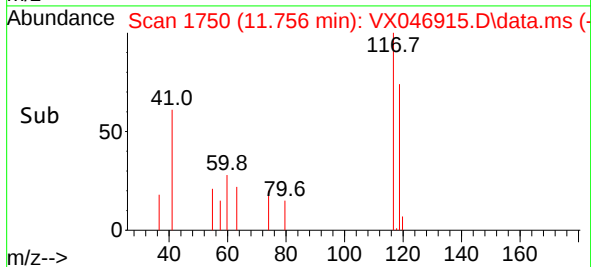
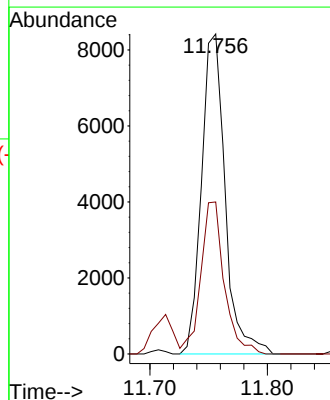
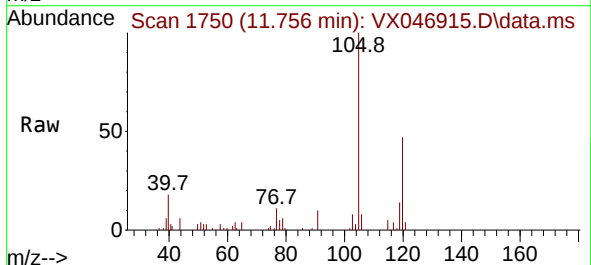
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

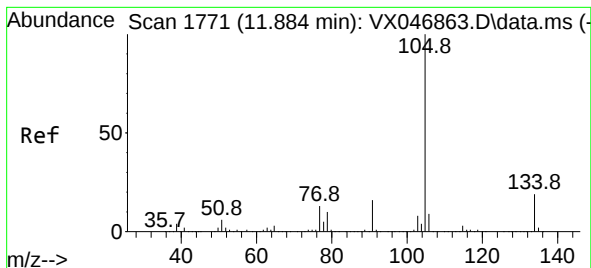
Tgt Ion:119 Resp: 12206
Ion Ratio Lower Upper
119 100
91 58.9 28.7 86.3
134 25.6 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.704 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:105 Resp: 11752
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 0.720 ug/l

RT: 11.890 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

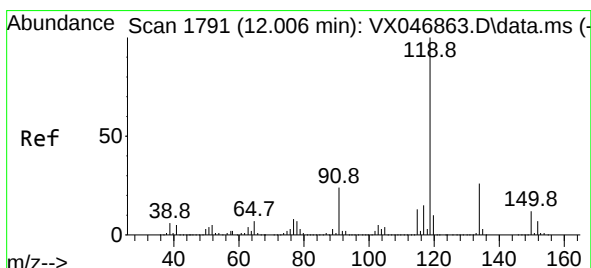
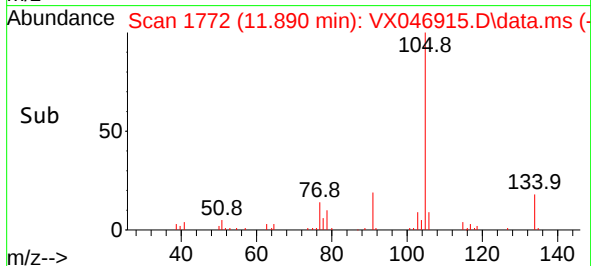
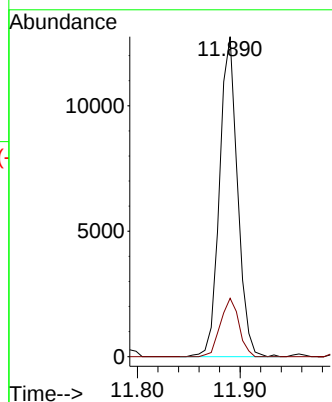
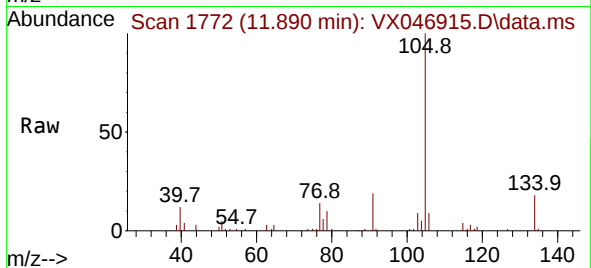
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 15473

Ion Ratio Lower Upper

105 100

134 18.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 0.715 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

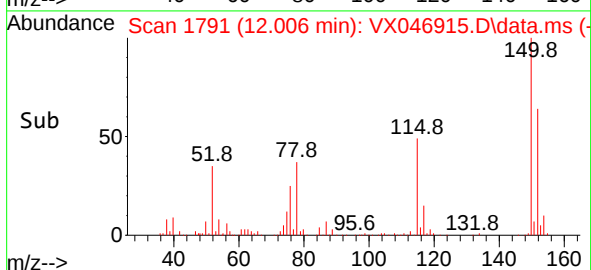
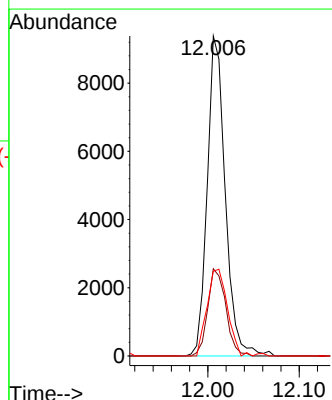
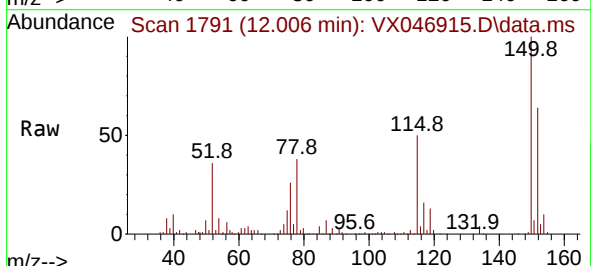
Tgt Ion:119 Resp: 12867

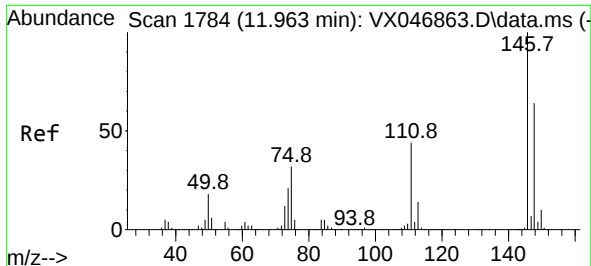
Ion Ratio Lower Upper

119 100

134 27.4 13.0 39.0

91 30.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 0.785 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

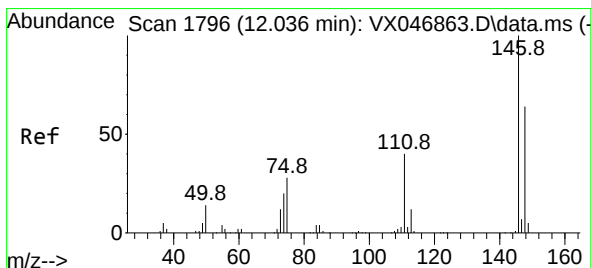
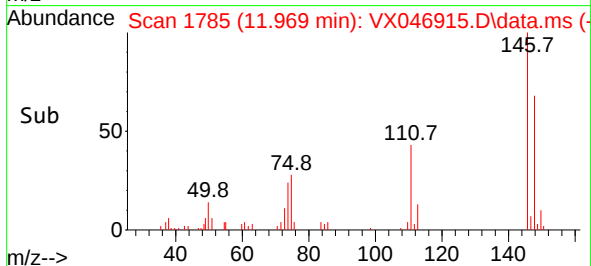
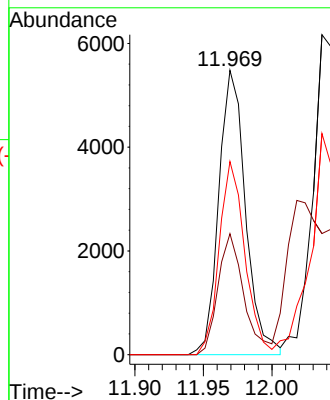
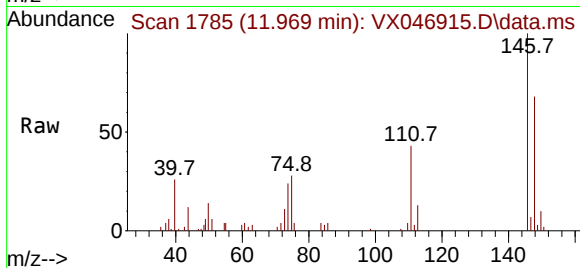
Tgt Ion:146 Resp: 7429

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 65.3 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.863 ug/l m

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

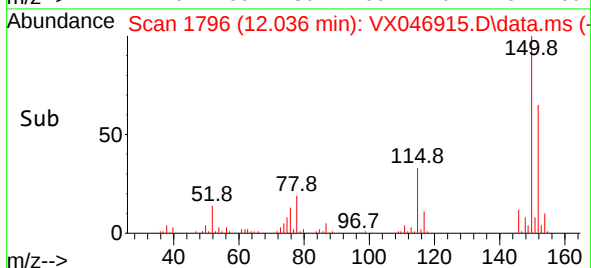
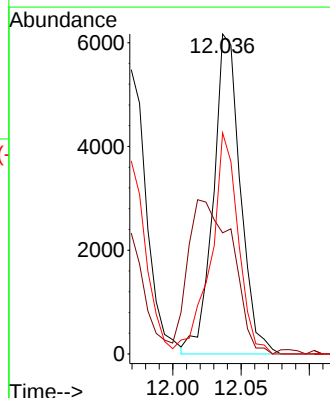
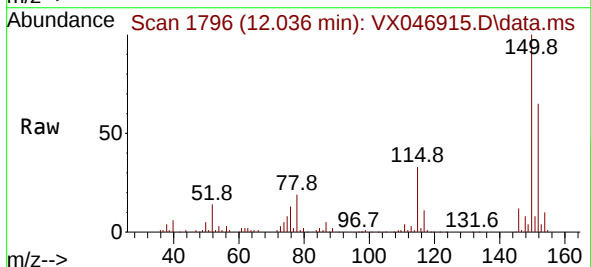
Tgt Ion:146 Resp: 8506

Ion Ratio Lower Upper

146 100

111 36.2 20.2 60.5

148 57.0 32.4 97.0





#89

n-Butylbenzene

Concen: 0.712 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

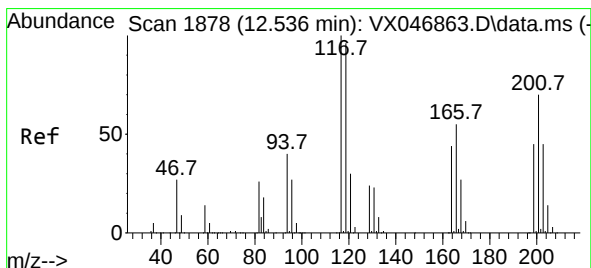
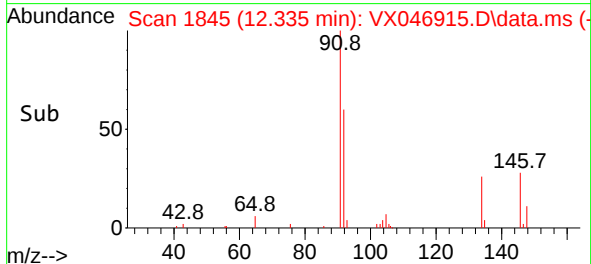
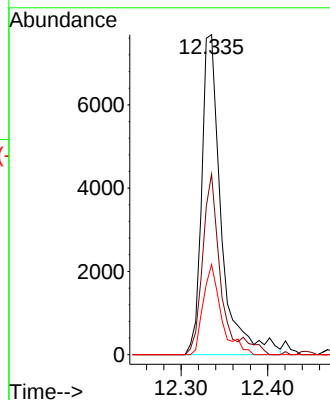
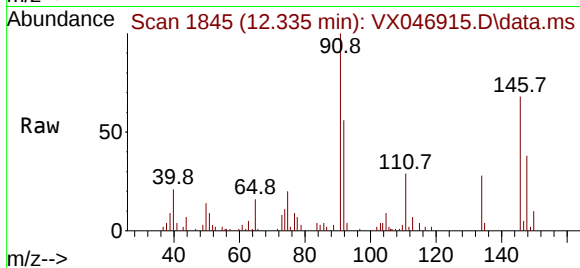
Tgt Ion: 91 Resp: 12055

Ion Ratio Lower Upper

91 100

92 52.5 27.0 81.0

134 26.1 12.8 38.4



#90

Hexachloroethane

Concen: 0.687 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046915.D

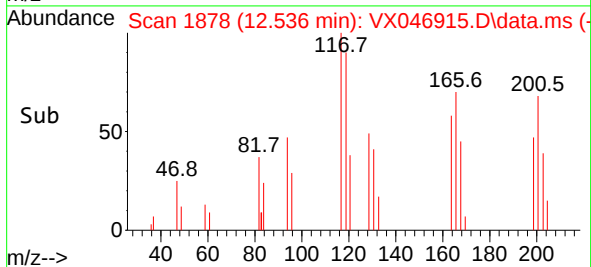
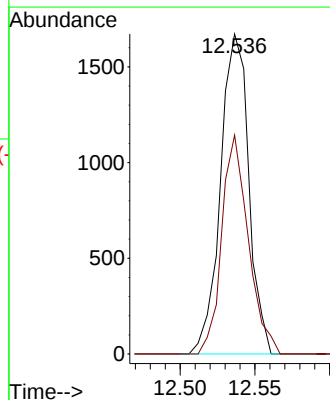
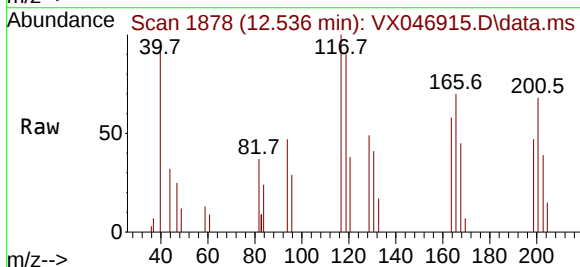
Acq: 08 Jul 2025 12:34

Tgt Ion: 117 Resp: 2193

Ion Ratio Lower Upper

117 100

201 64.4 35.8 107.4

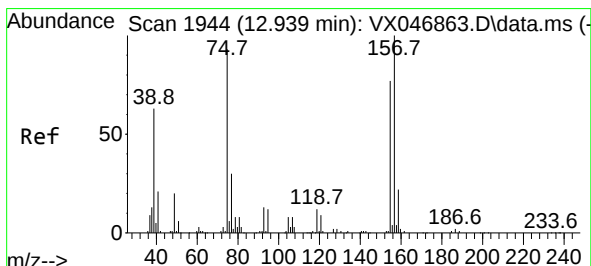
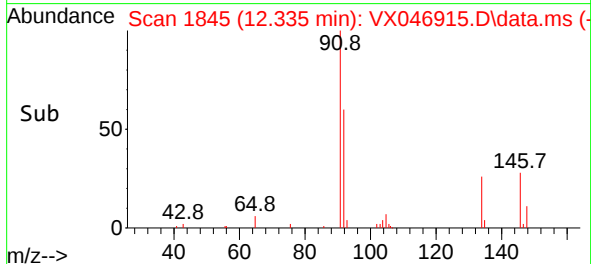
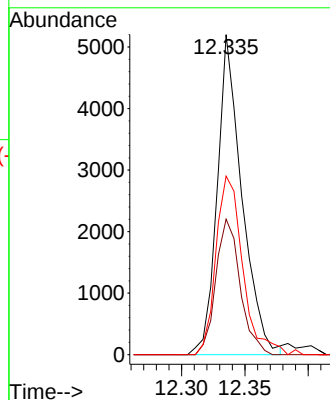
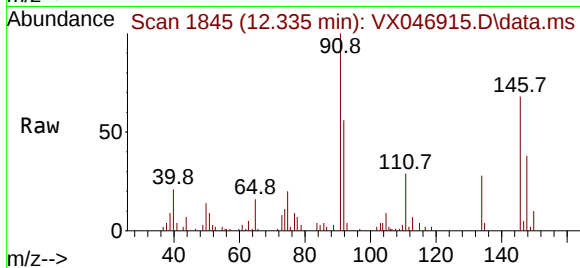




#91
1,2-Dichlorobenzene
Concen: 0.768 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

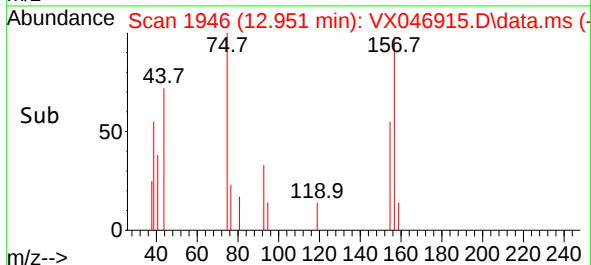
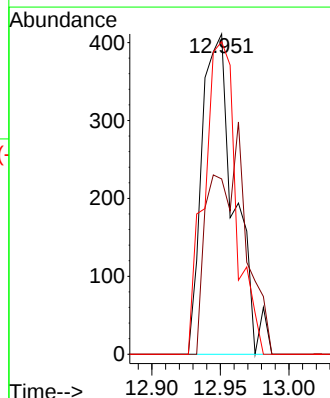
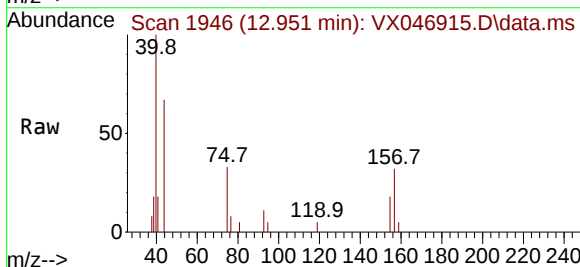
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:	146	Resp:	7046
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	60.8	31.6	95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.697 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:	75	Resp:	681
Ion	Ratio	Lower	Upper
75	100		
155	75.8	43.1	129.4
157	96.0	56.5	169.5





#93

1,2,4-Trichlorobenzene

Concen: 0.671 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2025

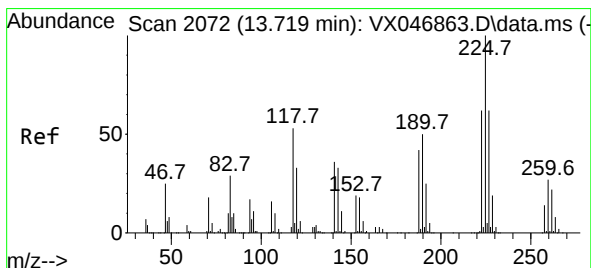
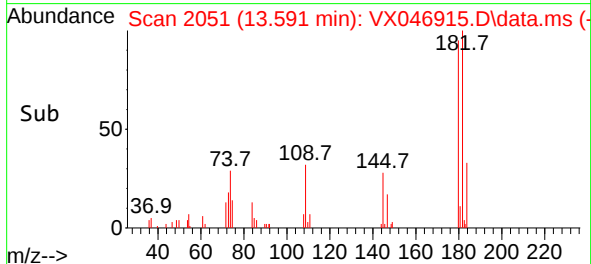
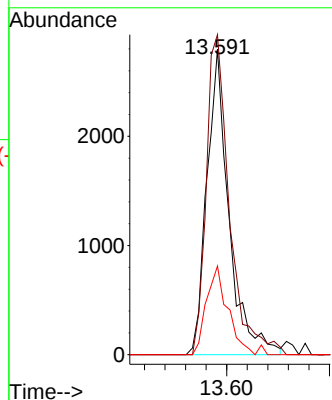
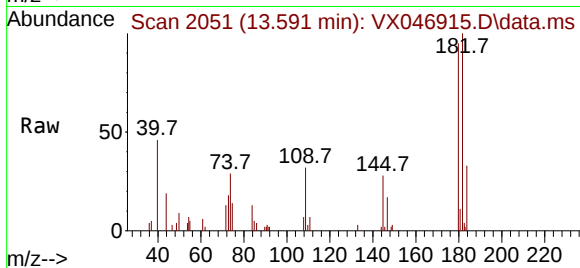
Tgt Ion:180 Resp: 4185

Ion Ratio Lower Upper

180 100

182 109.5 47.3 141.9

145 28.0 16.1 48.2



#94

Hexachlorobutadiene

Concen: 0.854 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046915.D

Acq: 08 Jul 2025 12:34

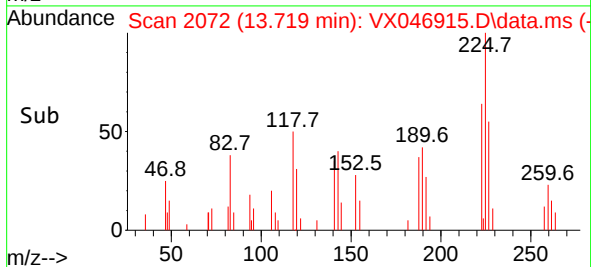
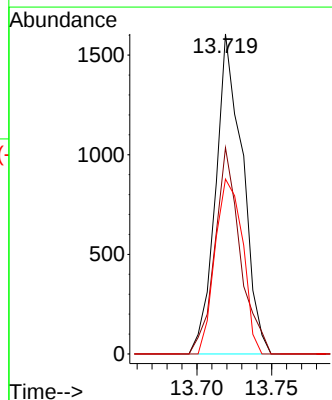
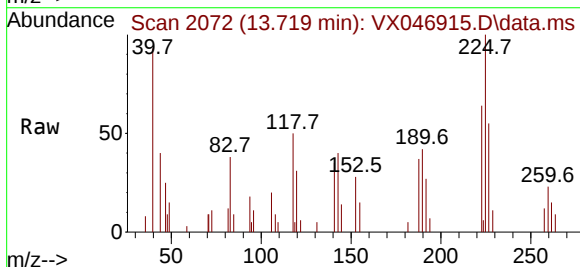
Tgt Ion:225 Resp: 2008

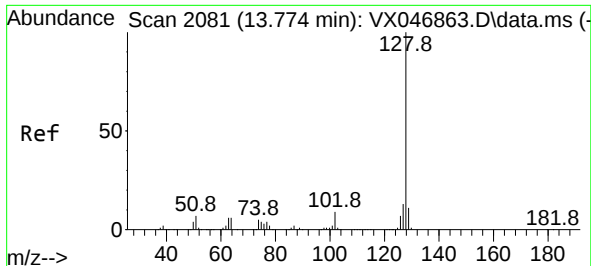
Ion Ratio Lower Upper

225 100

223 60.8 31.6 94.7

227 56.0 31.6 94.7

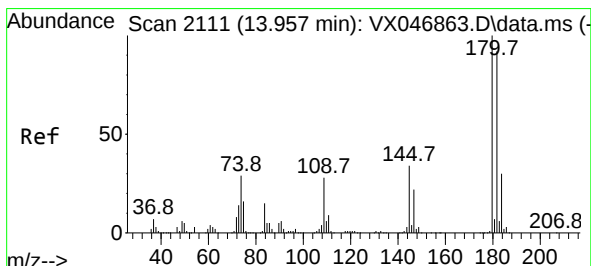
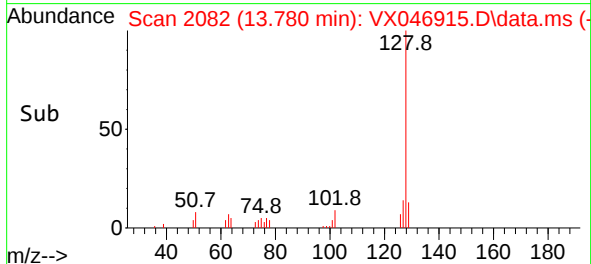
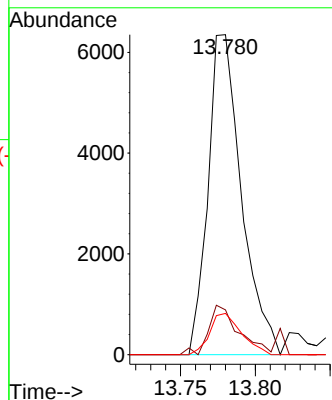
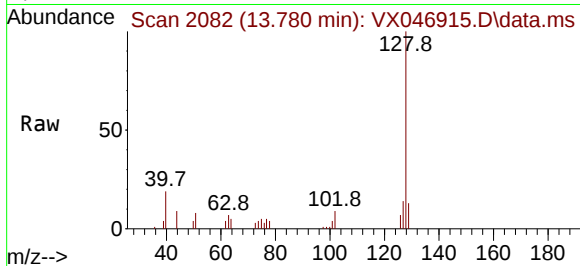




#95
Naphthalene
Concen: 0.602 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

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

Tgt Ion:128	Resp:	9883
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.2 15.4
129	12.2	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.789 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046915.D
Acq: 08 Jul 2025 12:34

Tgt Ion:180	Resp:	4647
Ion Ratio	Lower	Upper
180	100	
182	86.2	46.7 140.1
145	32.5	16.8 50.3

