

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035643.D
 Acq On : 12 May 2023 17:14
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 15 01:59:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	188359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175488	53.405	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.800%
35) Dibromofluoromethane	5.391	113	115042	47.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.647	98	419197	46.825	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.640%
62) 4-Bromofluorobenzene	11.079	95	165723	45.975	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	4657	1.897	ug/l	98
3) Chloromethane	1.294	50	6934	2.328	ug/l	96
4) Vinyl Chloride	1.374	62	5993	2.370	ug/l	93
5) Bromomethane	1.611	94	3956	2.889	ug/l	90
6) Chloroethane	1.691	64	3890	2.536	ug/l	98
7) Trichlorofluoromethane	1.886	101	8596	2.312	ug/l	91
8) Diethyl Ether	2.130	74	3822	2.670	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	4670	2.116	ug/l	95
10) Methyl Iodide	2.453	142	4182	2.119	ug/l	92
11) Tert butyl alcohol	3.007	59	8191	14.129	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	4639	2.212	ug/l	80
13) Acrolein	2.239	56	9430	13.705	ug/l	100
14) Allyl chloride	2.666	41	10699	2.381	ug/l	94
15) Acrylonitrile	3.075	53	18382	14.399	ug/l	95
16) Acetone	2.398	43	19713	13.958	ug/l	93
17) Carbon Disulfide	2.514	76	10074	1.990	ug/l	96
18) Methyl Acetate	2.709	43	14532	2.790	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	22020	2.638	ug/l	100
20) Methylene Chloride	2.788	84	7551	2.950	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	5732	2.494	ug/l	99
22) Diisopropyl ether	3.757	45	22397	2.546	ug/l	93
23) Vinyl Acetate	3.721	43	78102	12.545	ug/l	99
24) 1,1-Dichloroethane	3.611	63	12145	2.581	ug/l	99
25) 2-Butanone	4.574	43	28888	14.776	ug/l	97
26) 2,2-Dichloropropane	4.465	77	8033	2.016	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	6593	2.386	ug/l	91
28) Bromochloromethane	4.897	49	5208	2.461	ug/l	99
29) Tetrahydrofuran	5.025	42	18540	15.087	ug/l	98
30) Chloroform	5.092	83	12212	2.533	ug/l	90
31) Cyclohexane	5.470	56	8632	2.079	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	9960	2.374	ug/l	97
36) 1,1-Dichloropropene	5.696	75	8468	2.214	ug/l	97
37) Ethyl Acetate	4.721	43	10839	2.717	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	7287	2.011	ug/l	89
39) Methylcyclohexane	7.385	83	7804	1.733	ug/l	95
40) Benzene	6.043	78	25528	2.386	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6069	2.562	ug/l	97
42) 1,2-Dichloroethane	6.086	62	11537	2.506	ug/l	99
43) Isopropyl Acetate	6.342	43	17446	2.508	ug/l	100
44) Trichloroethene	7.123	130	6045	2.228	ug/l	88
45) 1,2-Dichloropropane	7.427	63	6985	2.465	ug/l	96
46) Dibromomethane	7.580	93	4724	2.435	ug/l	94
47) Bromodichloromethane	7.824	83	7838	2.090	ug/l	89
48) Methyl methacrylate	7.696	41	8775	2.556	ug/l	94
49) 1,4-Dioxane	7.708	88	3894	53.314	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	54078	13.492	ug/l	98
52) Toluene	8.720	92	15798	2.339	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	7265	1.783	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	8726	1.999	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	6384	2.406	ug/l	97
56) Ethyl methacrylate	9.116	69	10062	2.342	ug/l	96
57) 1,3-Dichloropropane	9.311	76	11721	2.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	27033	12.368	ug/l	99
59) 2-Hexanone	9.433	43	40496	13.416	ug/l	97
60) Dibromochloromethane	9.518	129	4826	1.908	ug/l	96
61) 1,2-Dibromoethane	9.610	107	6349	2.271	ug/l	97
64) Tetrachloroethene	9.269	164	4991	2.346	ug/l	92
65) Chlorobenzene	10.079	112	16186	2.346	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	5140	2.107	ug/l	99
67) Ethyl Benzene	10.195	91	28894	2.227	ug/l	97
68) m/p-Xylenes	10.305	106	21801	4.545	ug/l	95
69) o-Xylene	10.640	106	10731	2.255	ug/l	90
70) Styrene	10.659	104	17155	2.237	ug/l	97
71) Bromoform	10.799	173	2904	1.809	ug/l #	100
73) Isopropylbenzene	10.963	105	27102	2.293	ug/l	99
74) N-amyl acetate	10.841	43	13140	2.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	9830	2.564	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	9993	2.913	ug/l	86
77) Bromobenzene	11.195	156	6627	2.470	ug/l	95
78) n-propylbenzene	11.305	91	30172	2.172	ug/l	98
79) 2-Chlorotoluene	11.366	91	20509	2.358	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	22599	2.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	90757	85.250	ug/l #	8
82) 4-Chlorotoluene	11.457	91	24135	2.409	ug/l	95
83) tert-Butylbenzene	11.713	119	20990	2.149	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	22904	2.271	ug/l	97
85) sec-Butylbenzene	11.890	105	25675	2.094	ug/l	98
86) p-Isopropyltoluene	12.012	119	20525	2.036	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	11539	2.264	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	12516	2.432	ug/l	89
89) n-Butylbenzene	12.329	91	16743	1.826	ug/l	99
90) Hexachloroethane	12.536	117	2689	1.760	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	11841	2.373	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1826	2.139	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	6349	2.113	ug/l	94
94) Hexachlorobutadiene	13.725	225	2158	1.809	ug/l	94
95) Naphthalene	13.774	128	25171	2.446	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6479	2.192	ug/l	98

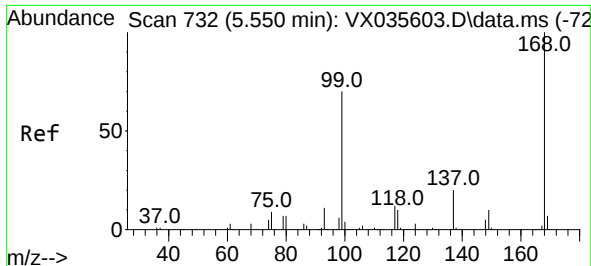
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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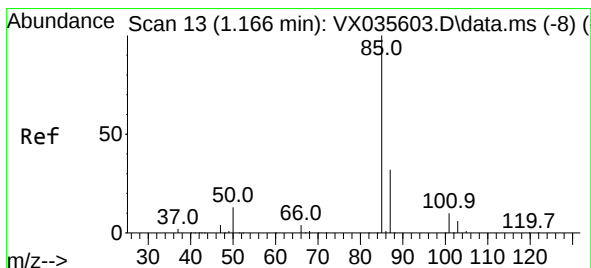
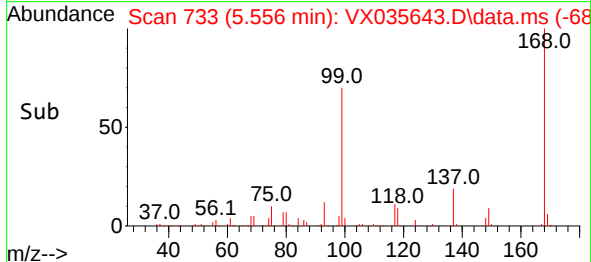
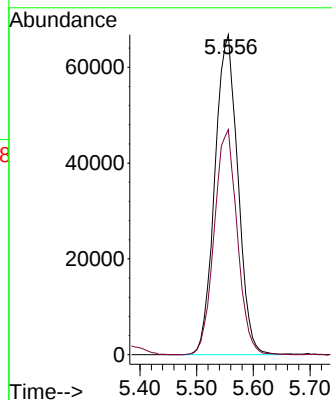
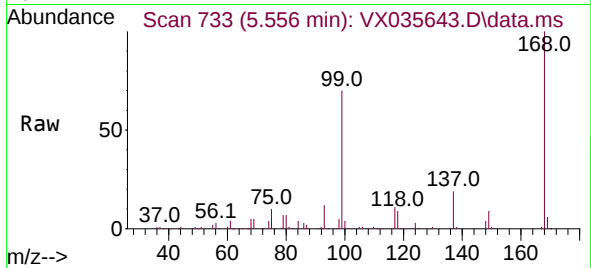
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035643.D
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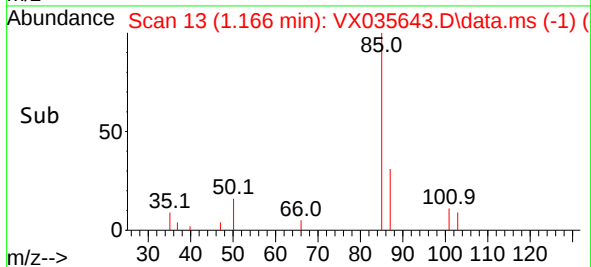
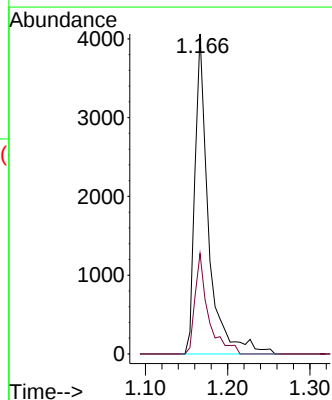
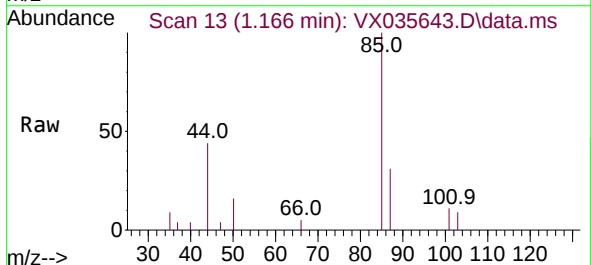
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

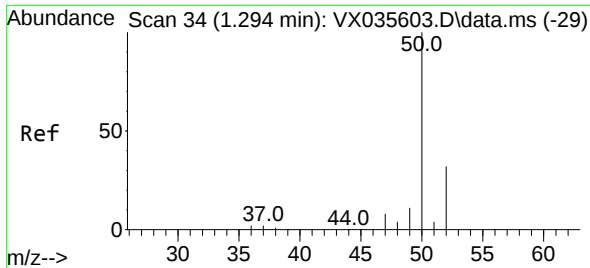
Tgt Ion:168 Resp: 188359
Ion Ratio Lower Upper
168 100
99 70.4 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 1.897 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 85 Resp: 4657
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.1





#3

Chloromethane

Concen: 2.328 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

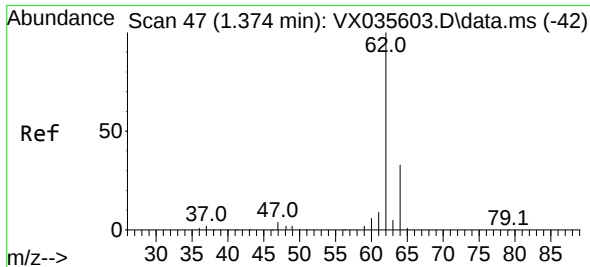
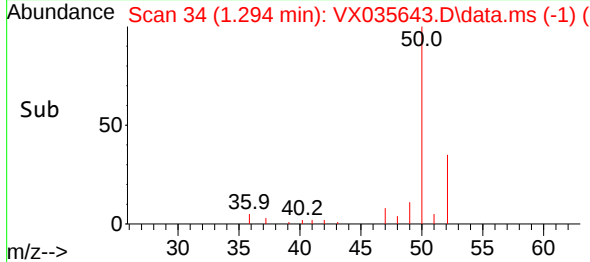
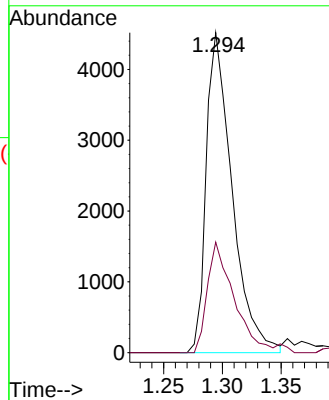
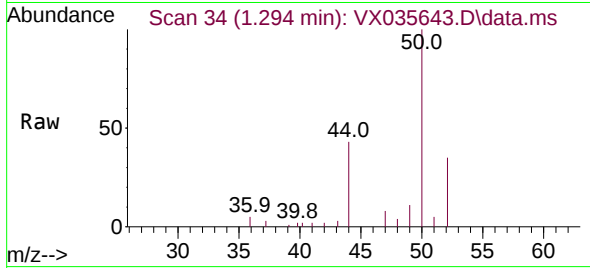
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 50 Resp: 6934

Ion Ratio Lower Upper

50 100

52 34.5 25.9 38.9



#4

Vinyl Chloride

Concen: 2.370 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035643.D

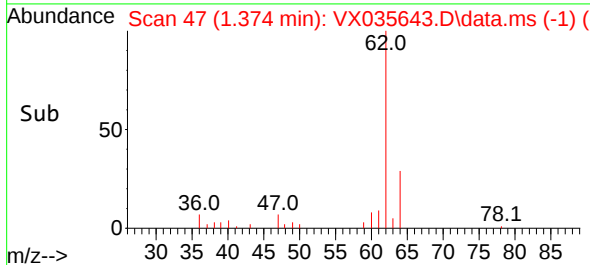
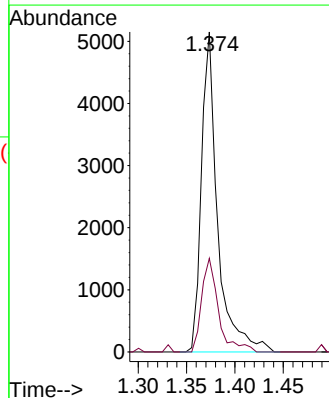
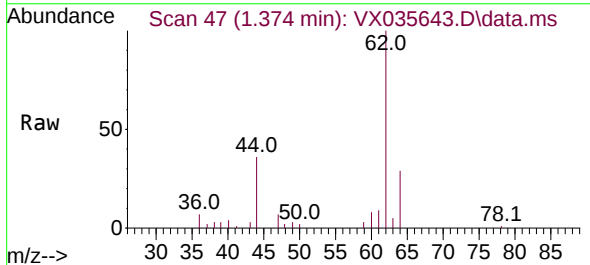
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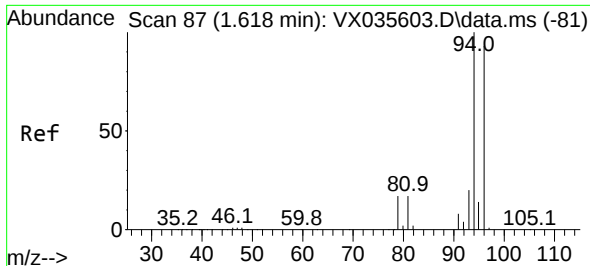
Tgt Ion: 62 Resp: 5993

Ion Ratio Lower Upper

62 100

64 29.3 26.4 39.6

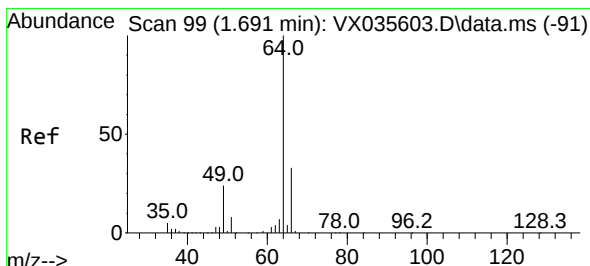
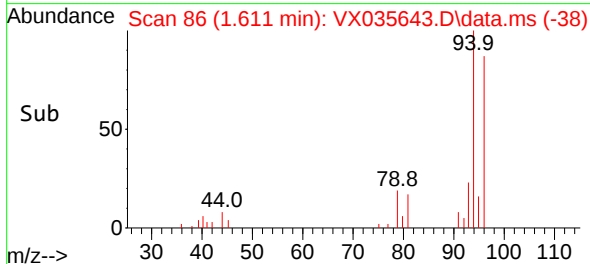
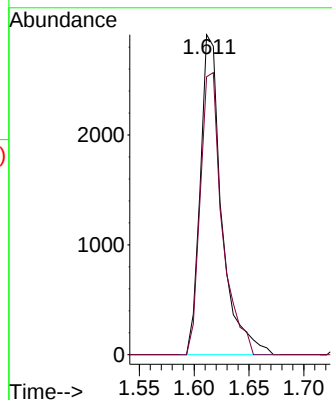
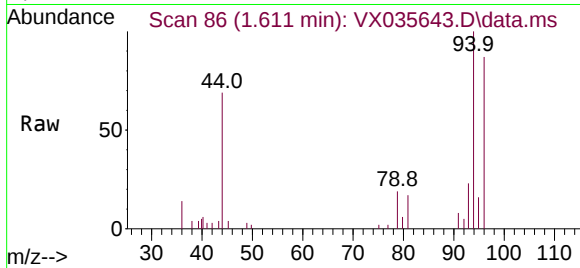




#5
Bromomethane
Concen: 2.889 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

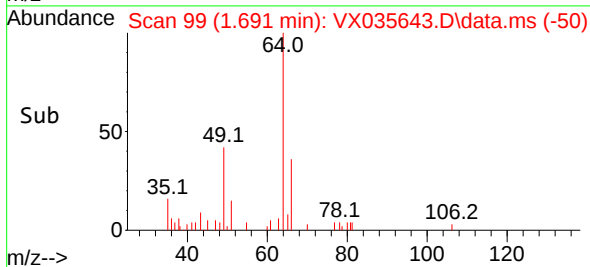
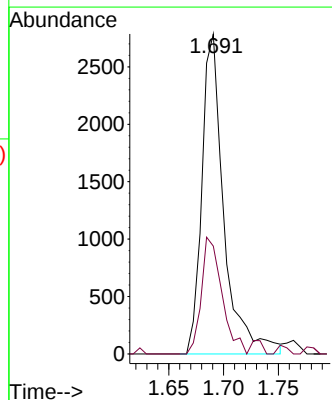
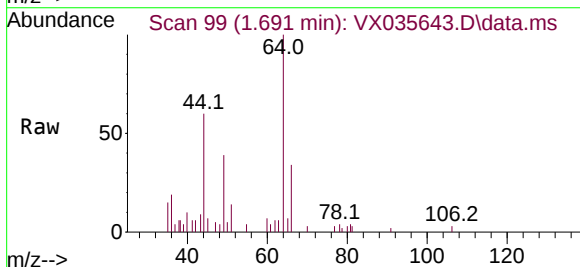
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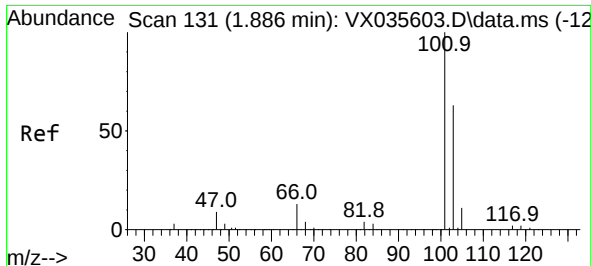
Tgt Ion: 94 Resp: 3956
Ion Ratio Lower Upper
94 100
96 86.9 77.0 115.6



#6
Chloroethane
Concen: 2.536 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 64 Resp: 3890
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4

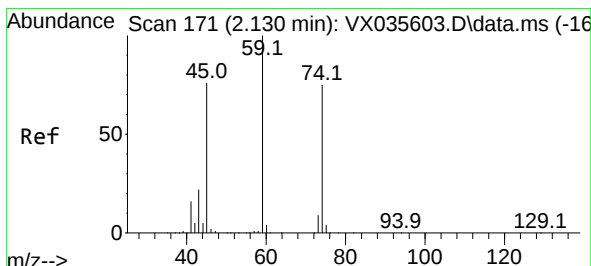
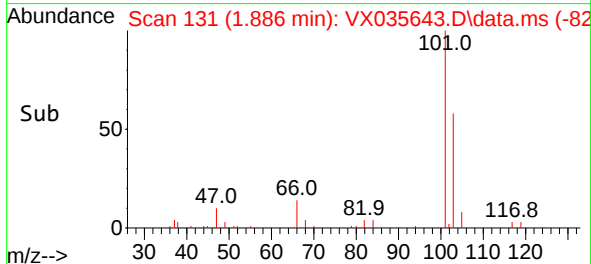
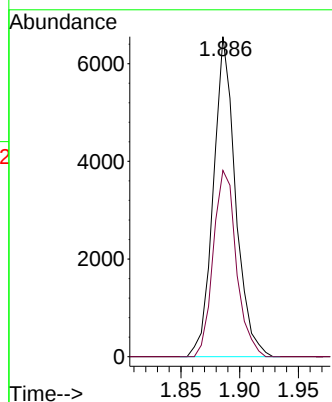
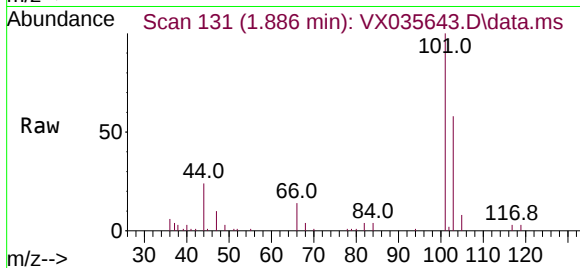




#7
Trichlorofluoromethane
Concen: 2.312 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035643.D
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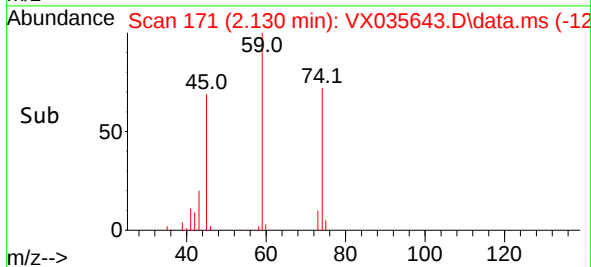
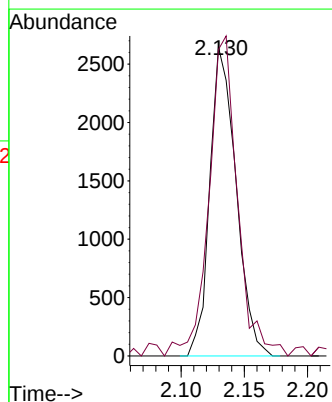
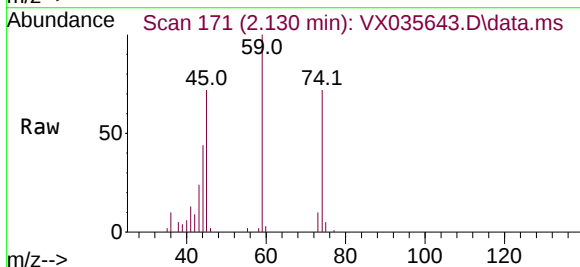
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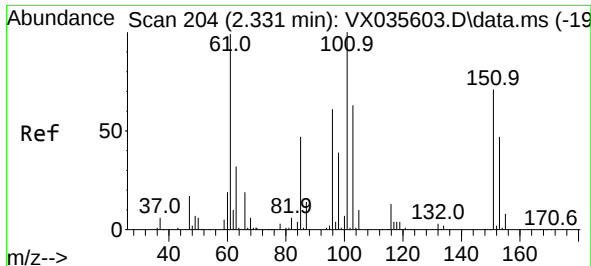
Tgt Ion:101 Resp: 8596
Ion Ratio Lower Upper
101 100
103 58.2 52.0 78.0



#8
Diethyl Ether
Concen: 2.670 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 74 Resp: 3822
Ion Ratio Lower Upper
74 100
45 112.3 49.8 149.3

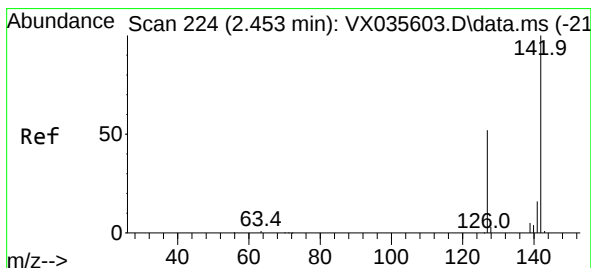
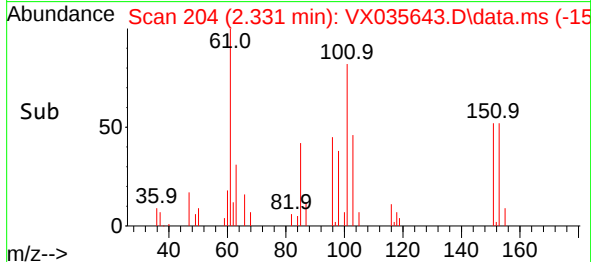
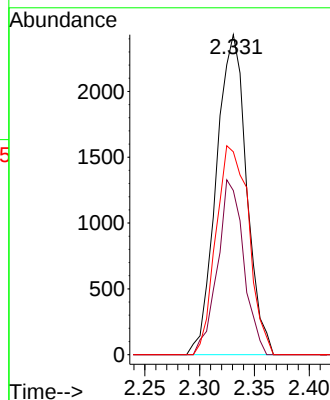
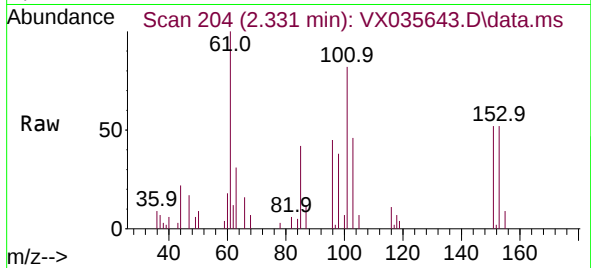




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.116 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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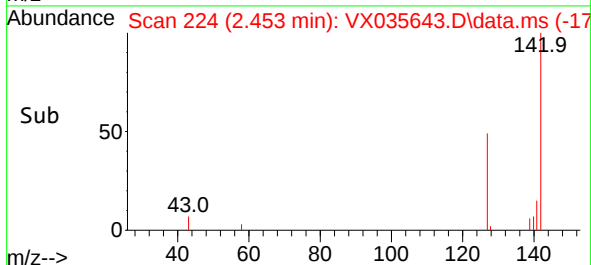
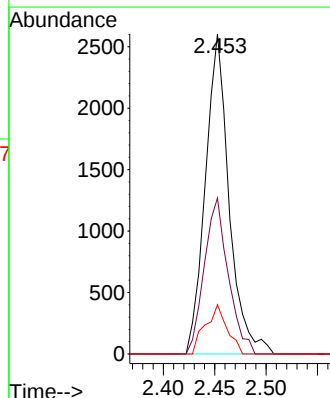
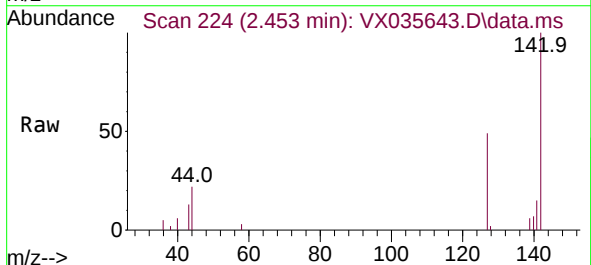
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

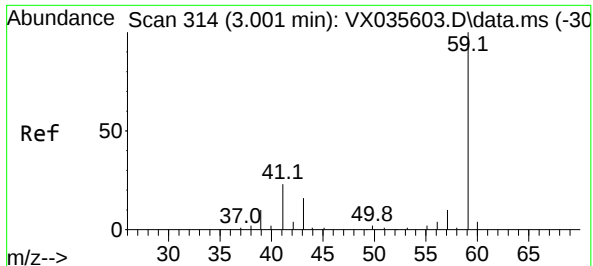
Tgt Ion:101 Resp: 4670
Ion Ratio Lower Upper
101 100
85 47.1 35.4 53.2
151 70.6 60.2 90.4



#10
Methyl Iodide
Concen: 2.119 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion:142 Resp: 4182
Ion Ratio Lower Upper
142 100
127 49.2 34.0 51.0
141 14.1 11.1 16.7

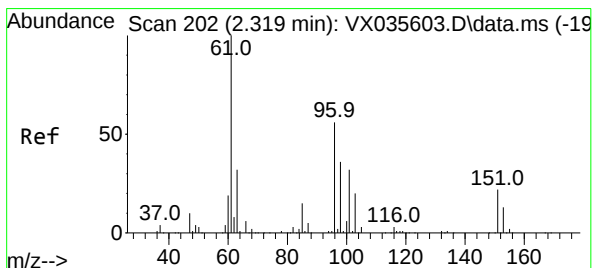
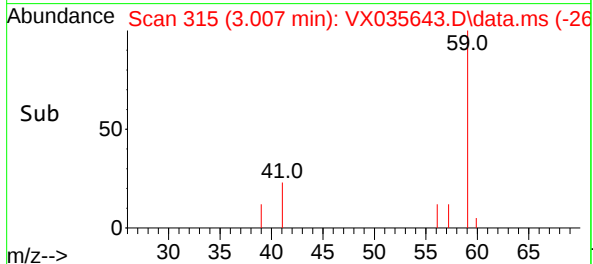
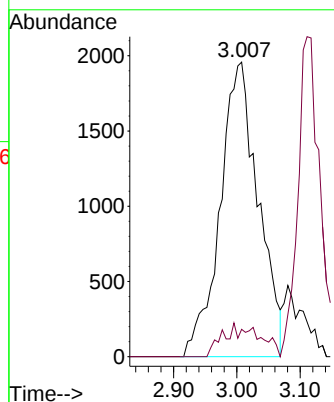
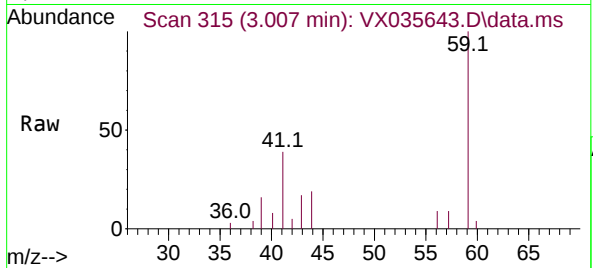




#11
Tert butyl alcohol
Concen: 14.129 ug/l
RT: 3.007 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

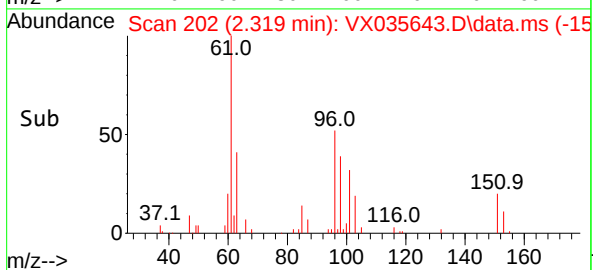
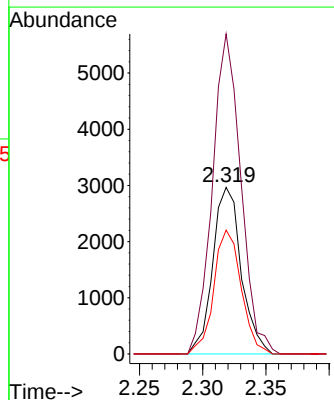
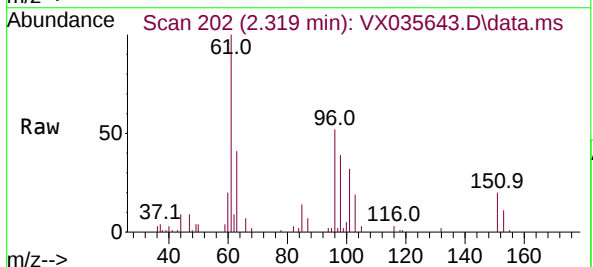
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

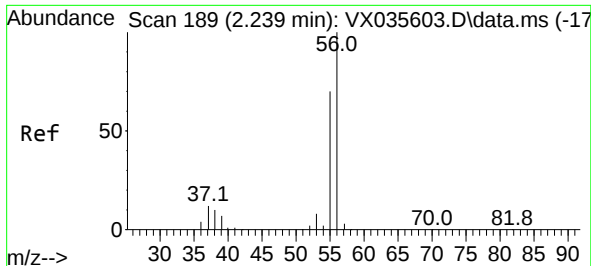
Tgt Ion: 59 Resp: 8191
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 2.212 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 96 Resp: 4639
Ion Ratio Lower Upper
96 100
61 192.0 128.8 193.2
98 74.3 51.4 77.0

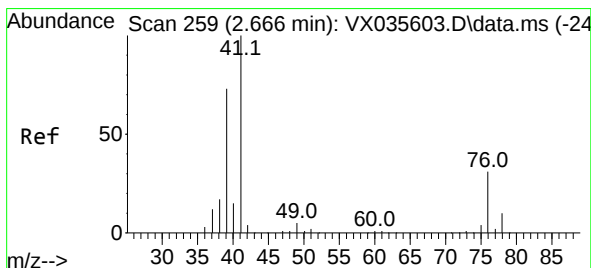
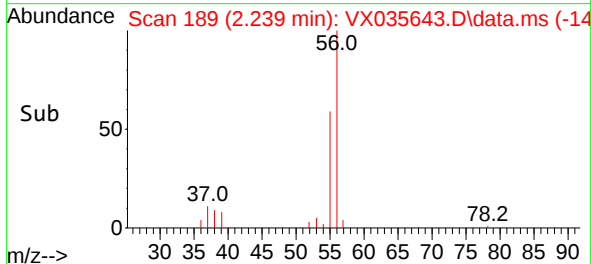
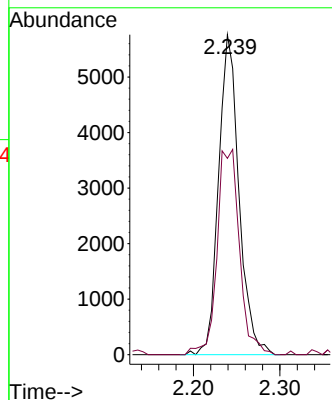
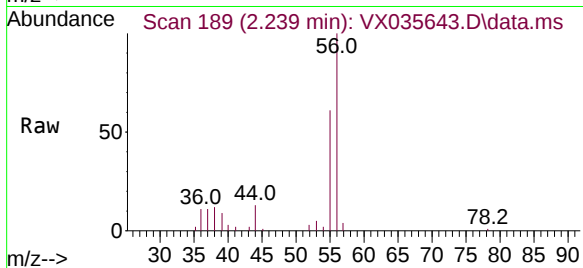




#13
Acrolein
Concen: 13.705 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

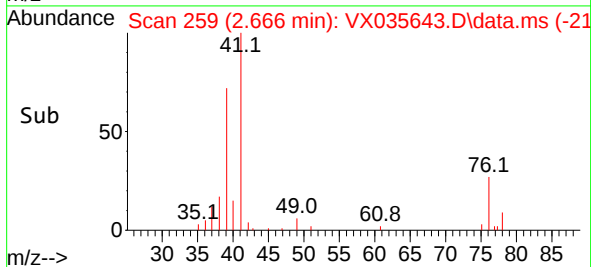
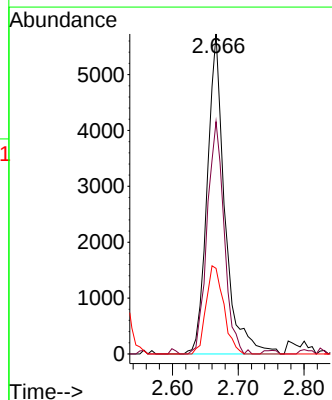
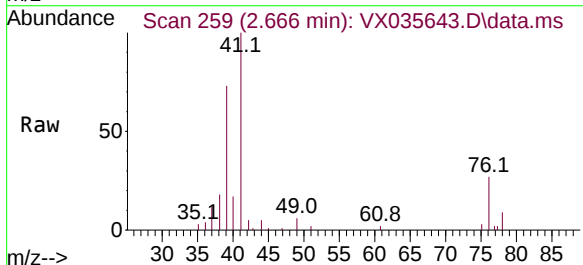
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

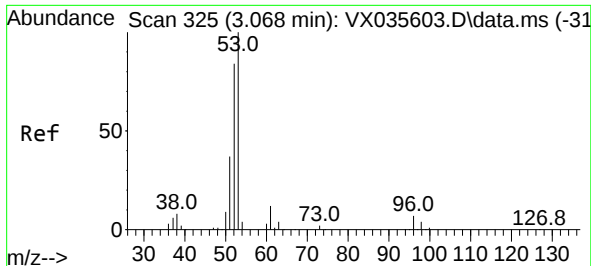
Tgt Ion: 56 Resp: 9430
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0



#14
Allyl chloride
Concen: 2.381 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 41 Resp: 10699
Ion Ratio Lower Upper
41 100
39 69.6 52.4 78.6
76 27.4 26.0 39.0

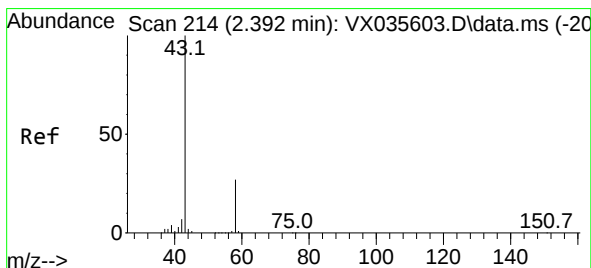
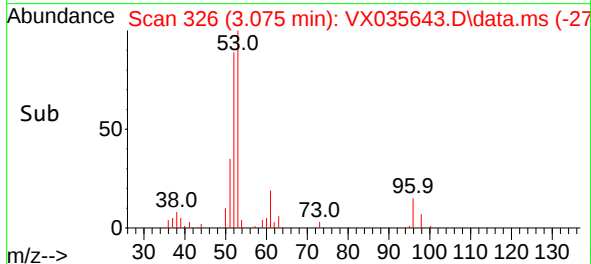
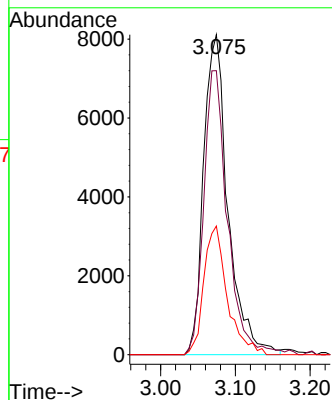
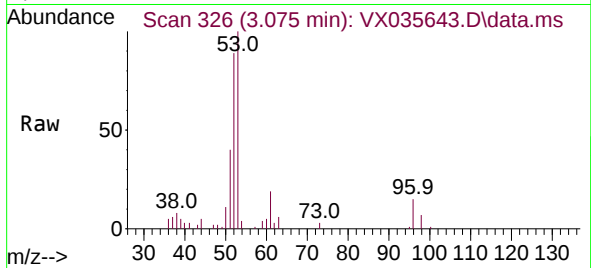




#15
Acrylonitrile
Concen: 14.399 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

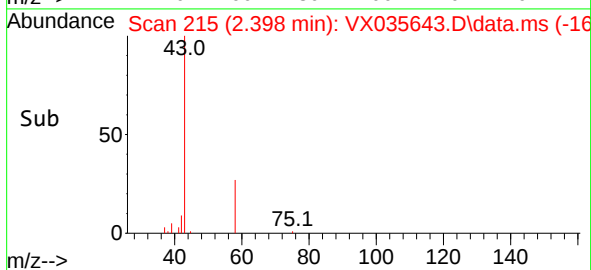
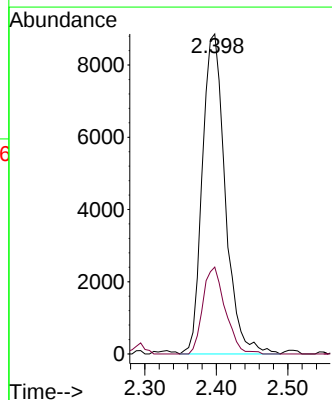
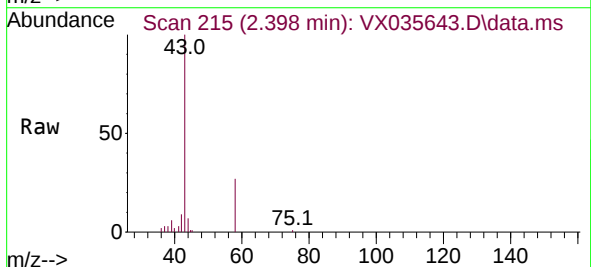
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

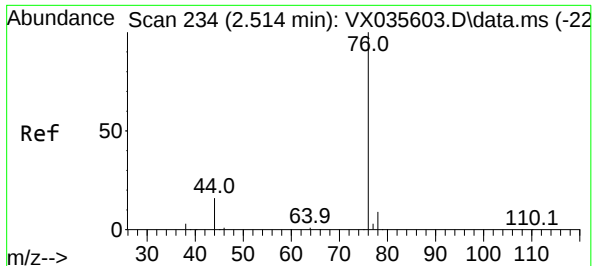
Tgt Ion: 53 Resp: 18382
Ion Ratio Lower Upper
53 100
52 86.5 66.2 99.2
51 38.6 28.3 42.5



#16
Acetone
Concen: 13.958 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 43 Resp: 19713
Ion Ratio Lower Upper
43 100
58 27.1 24.7 37.1

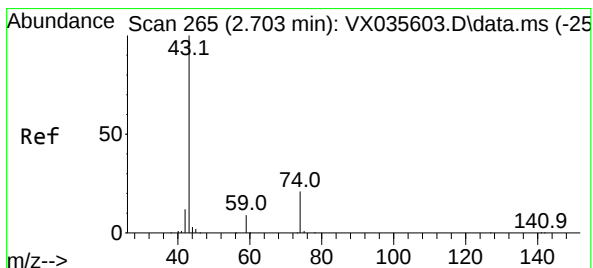
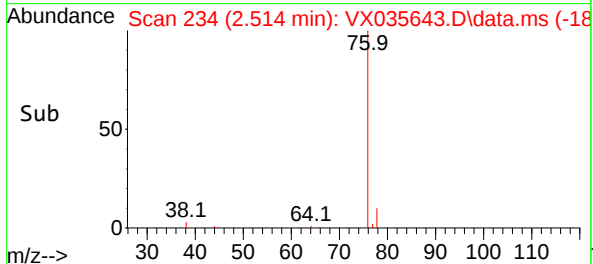
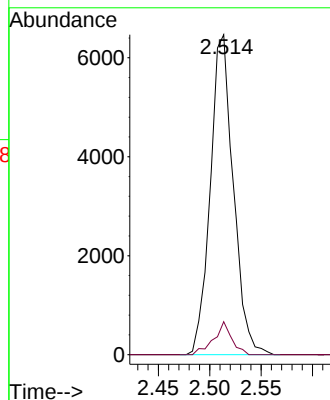
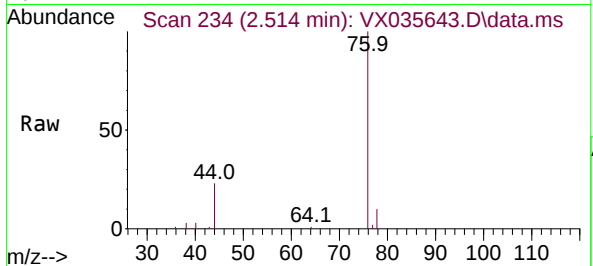




#17
Carbon Disulfide
Concen: 1.990 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

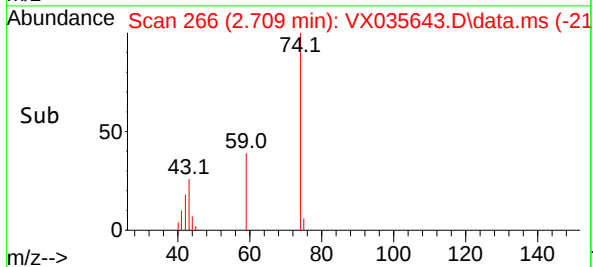
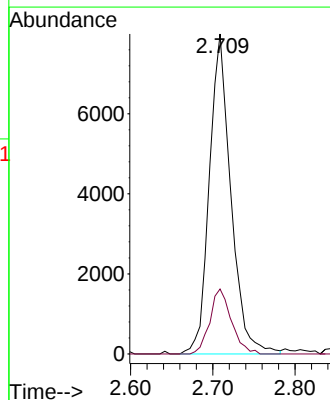
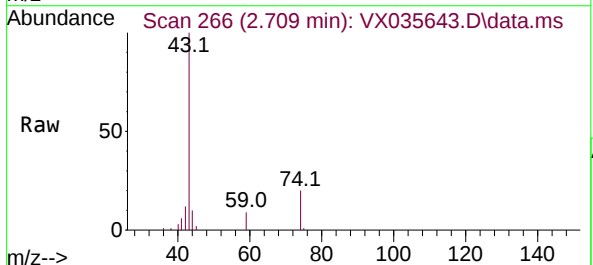
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

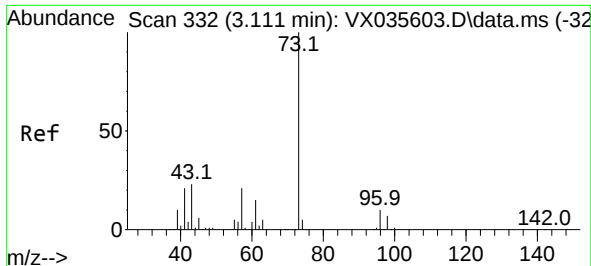
Tgt Ion: 76 Resp: 10074
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 2.790 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 43 Resp: 14532
Ion Ratio Lower Upper
43 100
74 20.3 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 2.638 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

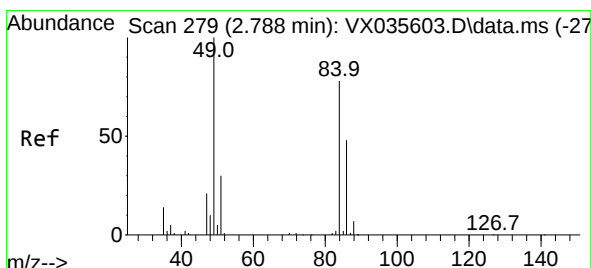
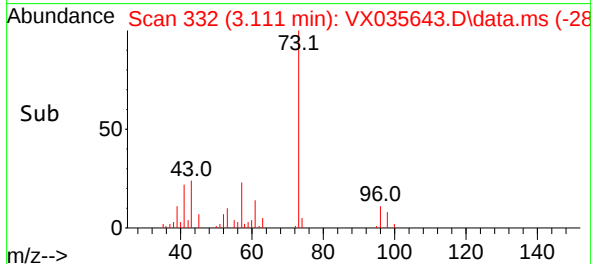
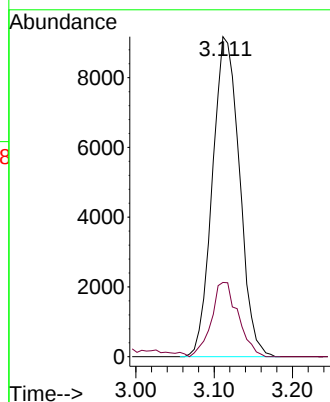
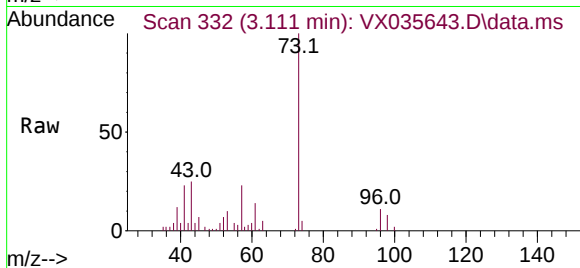
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 73 Resp: 22020

Ion Ratio Lower Upper

73 100

57 23.2 18.5 27.7



#20

Methylene Chloride

Concen: 2.950 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Tgt Ion: 84 Resp: 7551

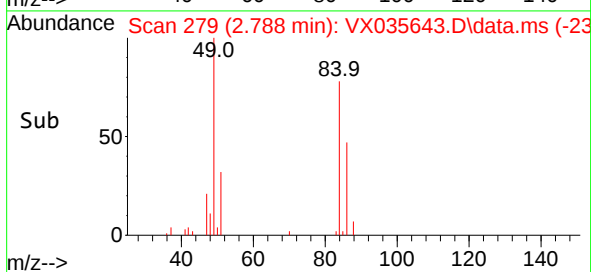
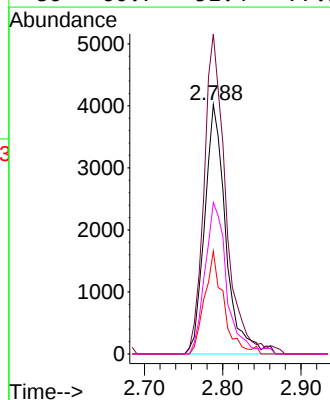
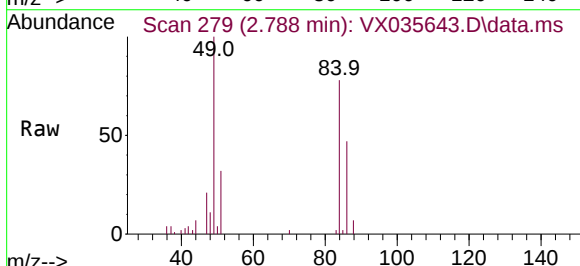
Ion Ratio Lower Upper

84 100

49 128.3 103.8 155.8

51 41.2 31.8 47.8

86 60.7 51.4 77.2

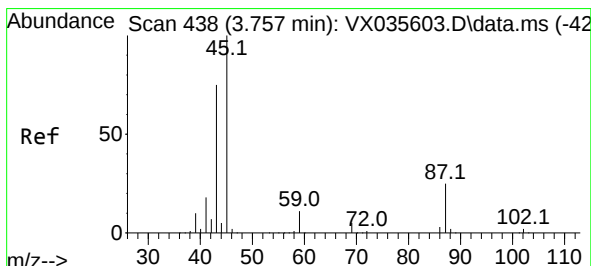
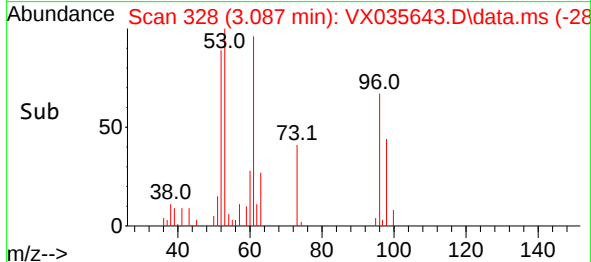
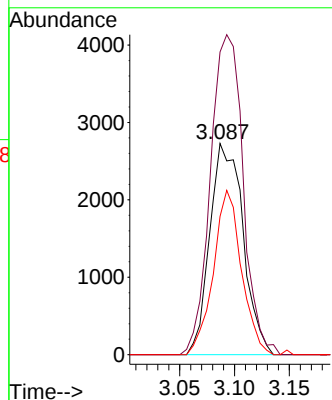
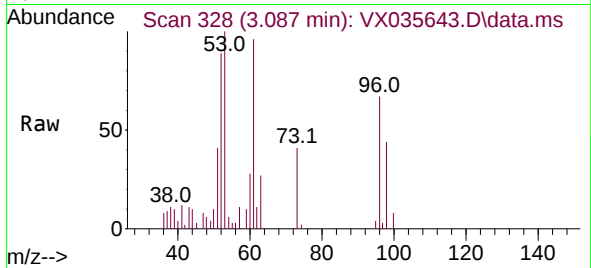




#21
trans-1,2-Dichloroethene
Concen: 2.494 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

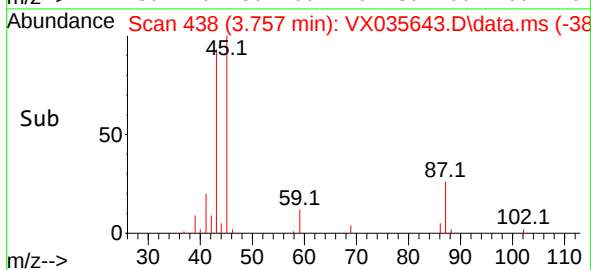
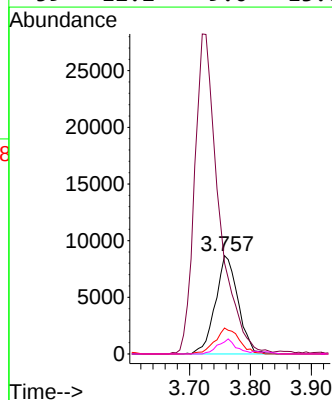
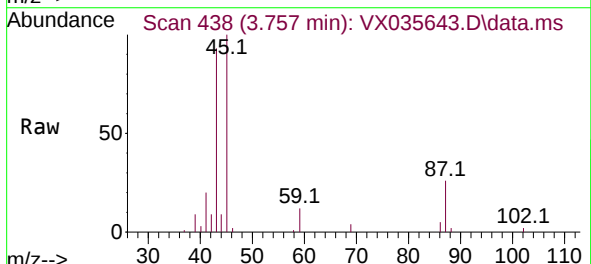
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

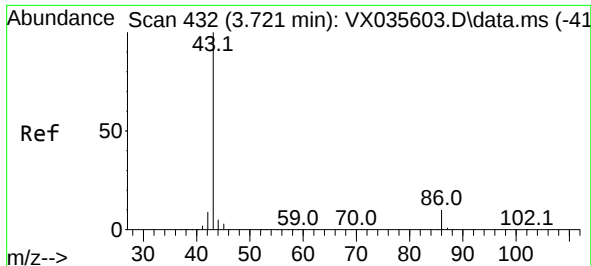
Tgt Ion: 96 Resp: 5732
Ion Ratio Lower Upper
96 100
61 143.4 113.0 169.6
98 65.5 52.1 78.1



#22
Diisopropyl ether
Concen: 2.546 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 45 Resp: 22397
Ion Ratio Lower Upper
45 100
43 89.7 65.4 98.2
87 26.3 20.6 31.0
59 12.2 9.0 13.6

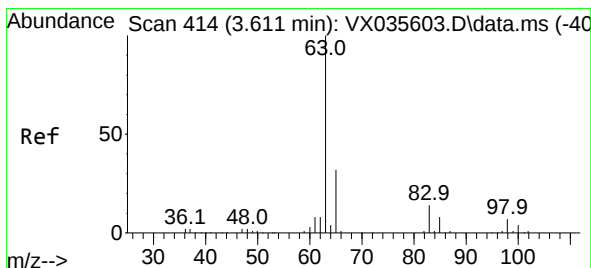
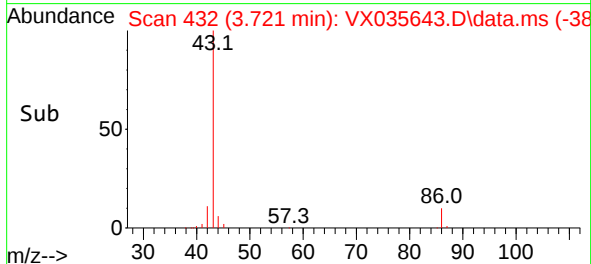
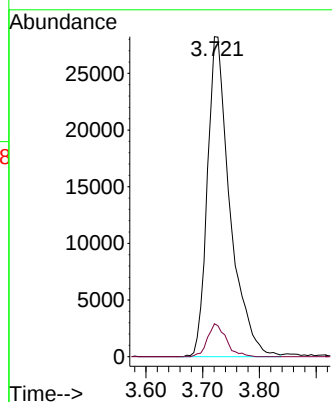
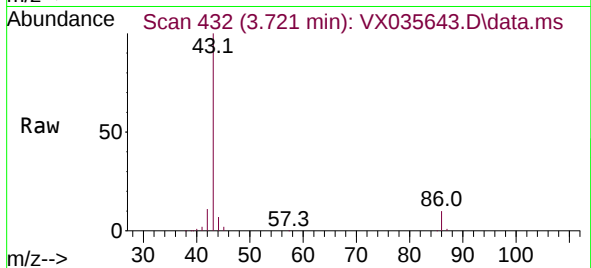




#23
 Vinyl Acetate
 Concen: 12.545 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035643.D
 Acq: 12 May 2023 17:14

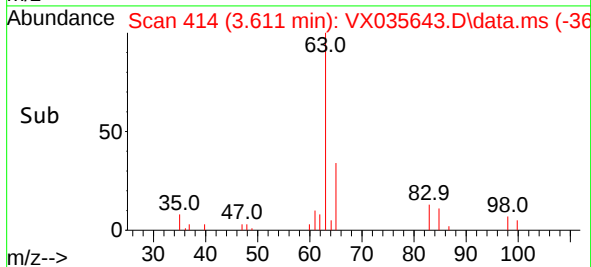
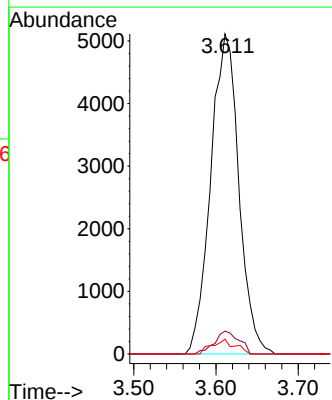
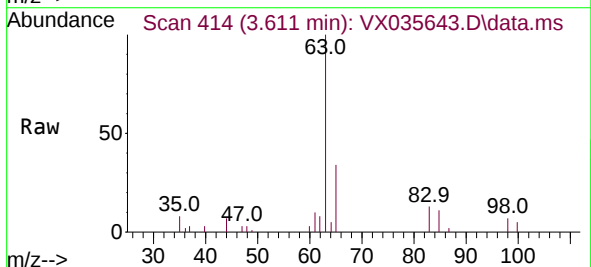
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

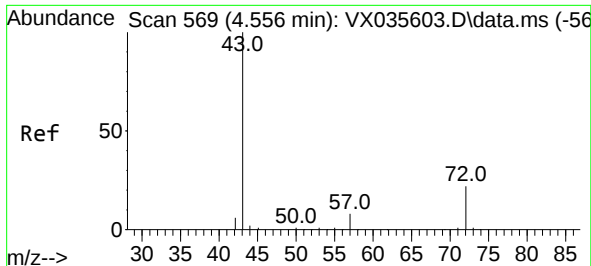
Tgt Ion: 43 Resp: 78102
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 2.581 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035643.D
 Acq: 12 May 2023 17:14

Tgt Ion: 63 Resp: 12145
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.6 2.4 7.1

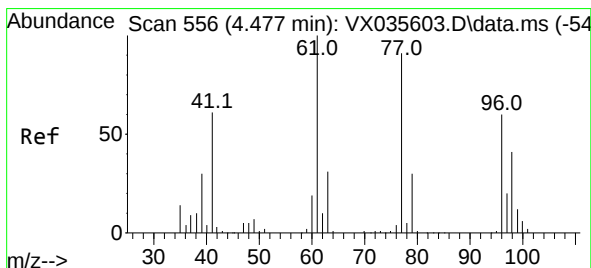
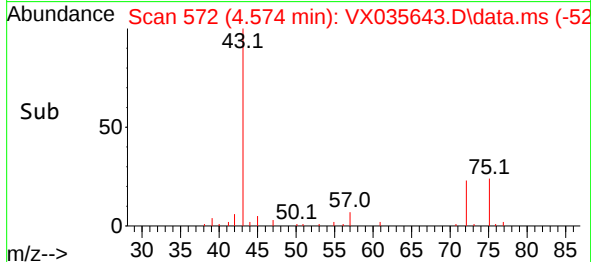
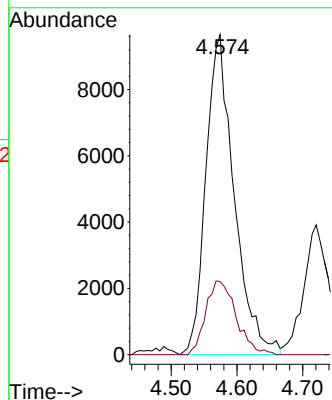
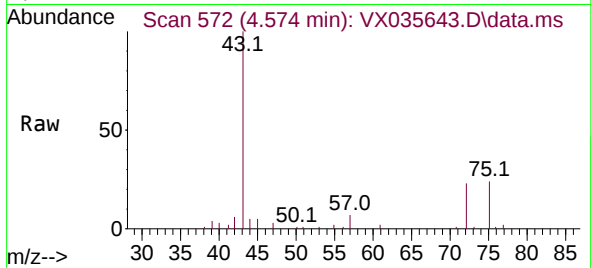




#25
2-Butanone
Concen: 14.776 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

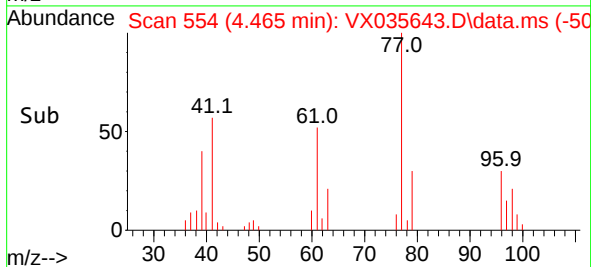
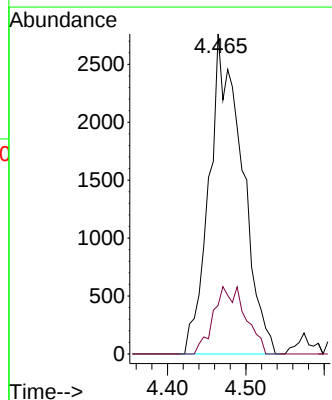
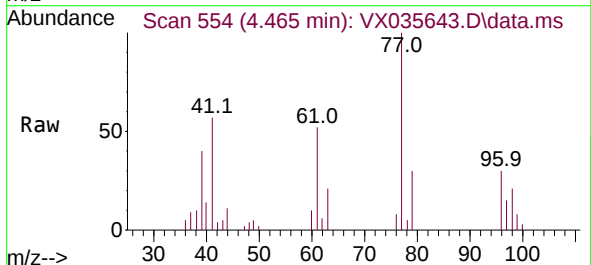
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

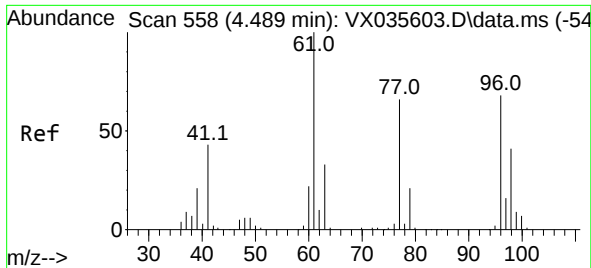
Tgt Ion: 43 Resp: 28888
Ion Ratio Lower Upper
43 100
72 22.8 19.3 28.9



#26
2,2-Dichloropropane
Concen: 2.016 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.013 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 77 Resp: 8033
Ion Ratio Lower Upper
77 100
97 20.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.386 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

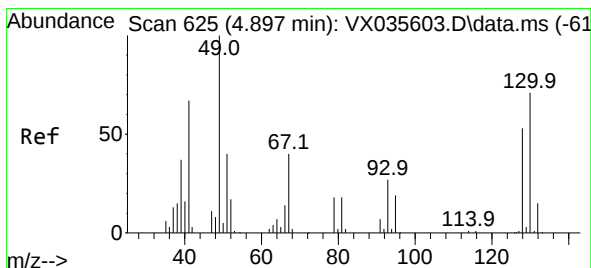
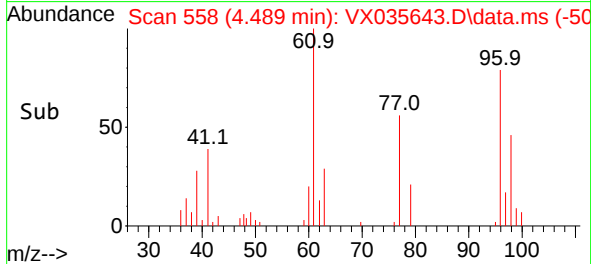
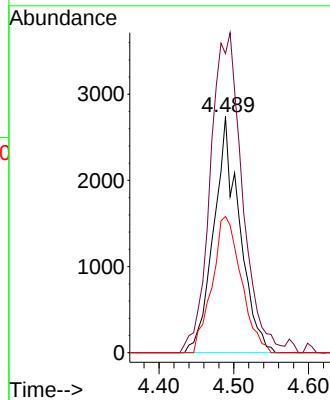
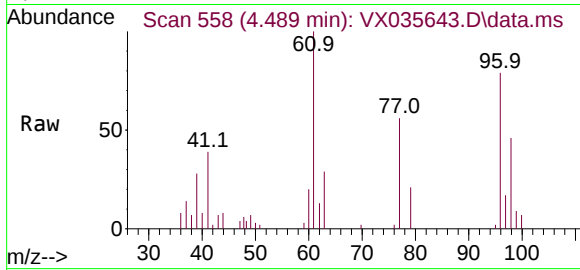
Tgt Ion: 96 Resp: 6593

Ion Ratio Lower Upper

96 100

61 167.3 0.0 300.4

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 2.461 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

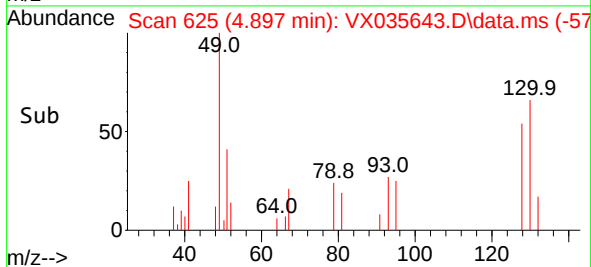
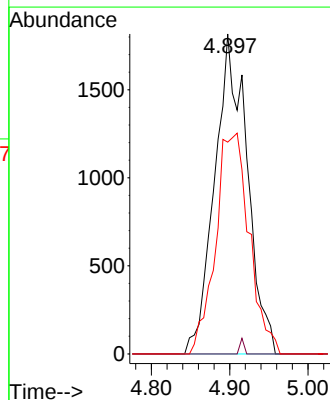
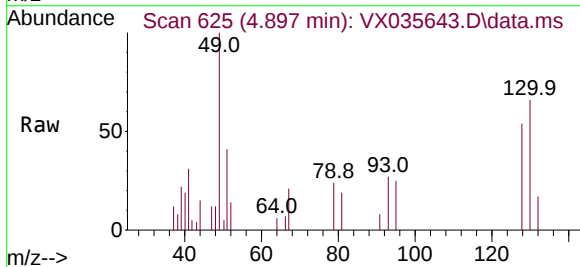
Tgt Ion: 49 Resp: 5208

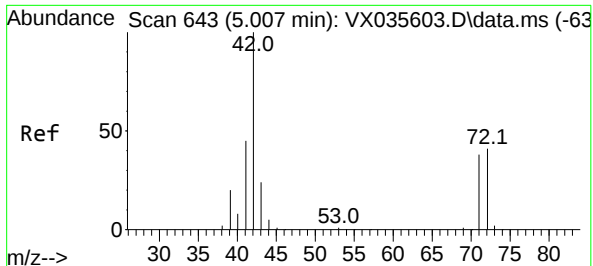
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.0

130 71.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 15.087 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

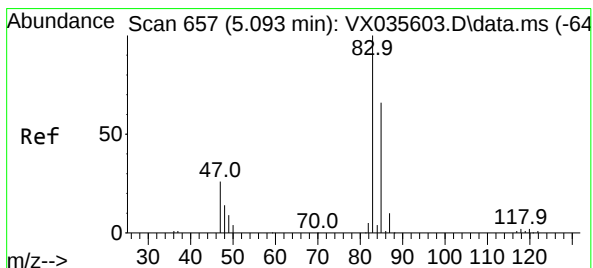
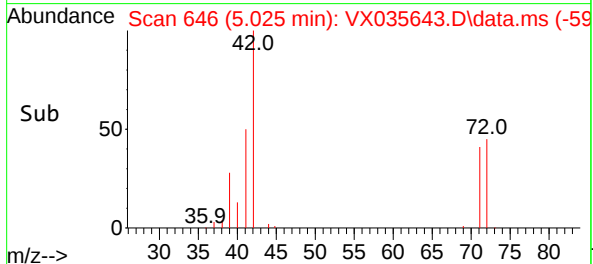
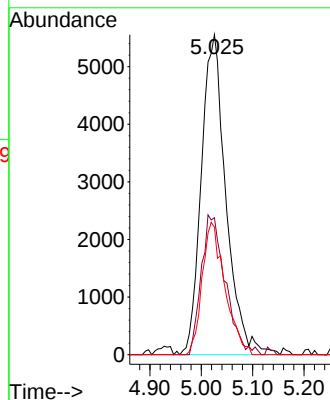
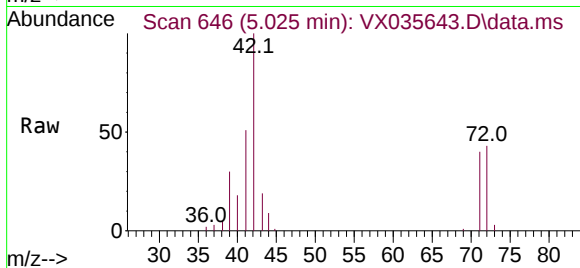
Tgt Ion: 42 Resp: 18540

Ion Ratio Lower Upper

42 100

72 42.6 34.5 51.7

71 38.1 32.1 48.1



#30

Chloroform

Concen: 2.533 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035643.D

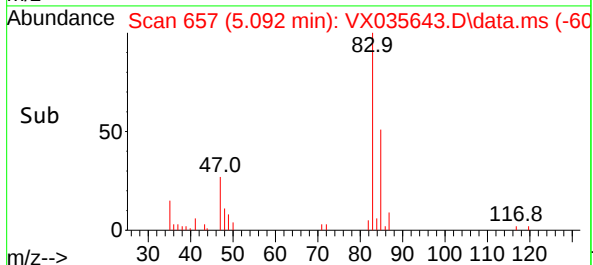
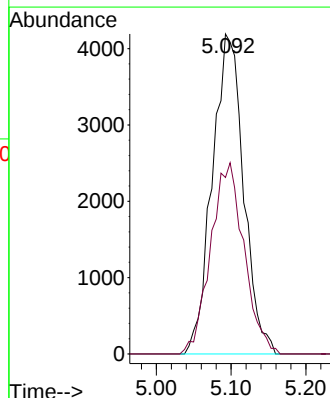
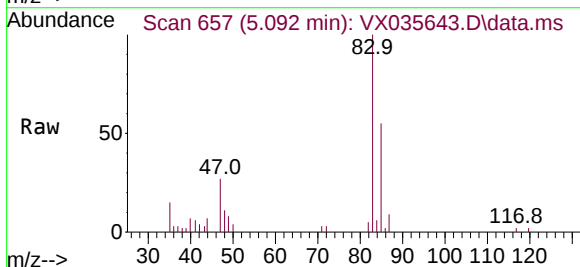
Acq: 12 May 2023 17:14

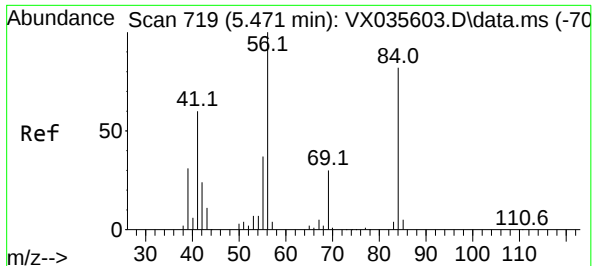
Tgt Ion: 83 Resp: 12212

Ion Ratio Lower Upper

83 100

85 55.2 50.6 76.0

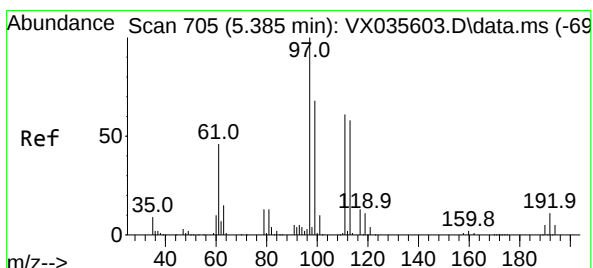
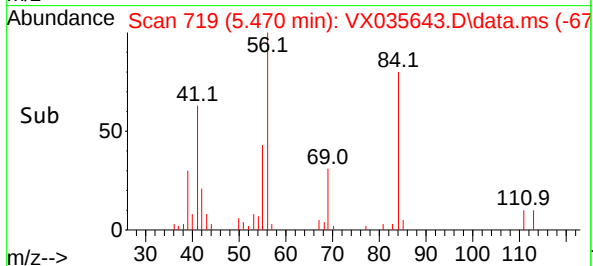
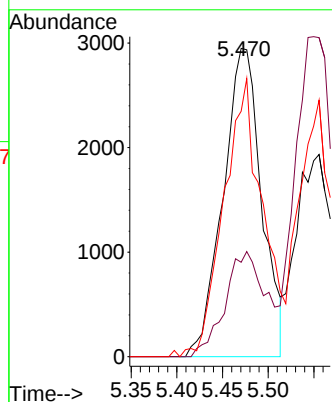
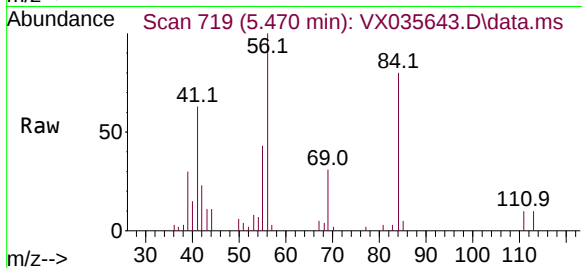




#31
Cyclohexane
Concen: 2.079 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

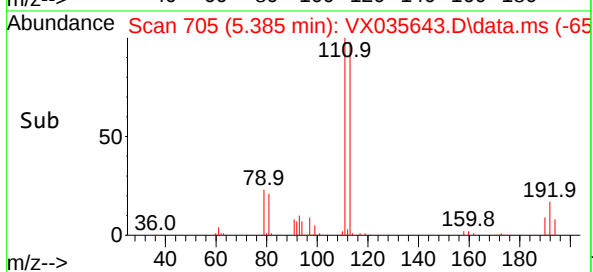
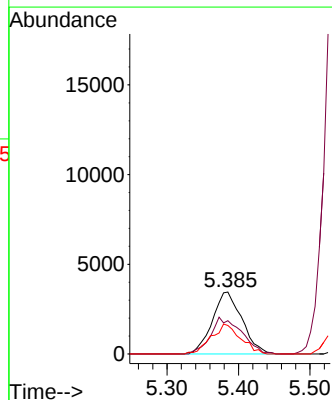
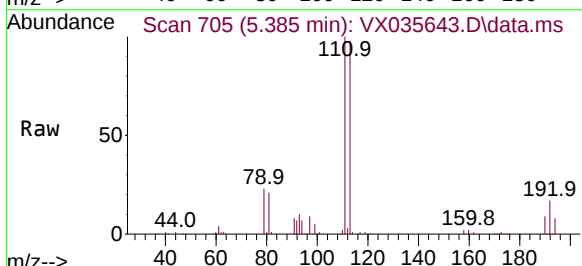
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 56 Resp: 8632
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 79.6 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 2.374 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 97 Resp: 9960
Ion Ratio Lower Upper
97 100
99 61.5 51.1 76.7
61 47.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 53.405 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

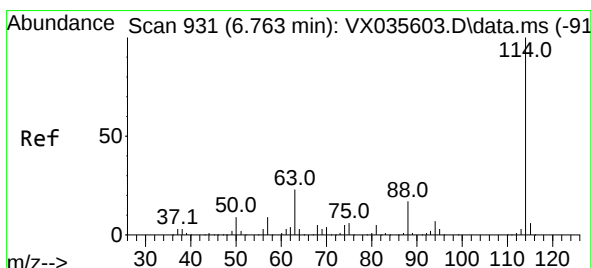
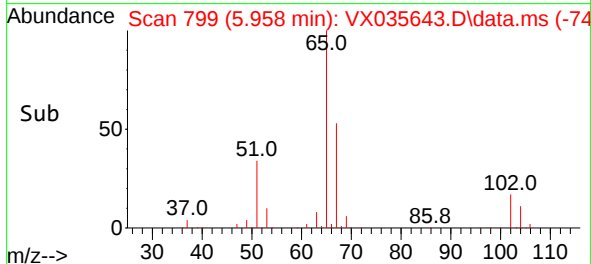
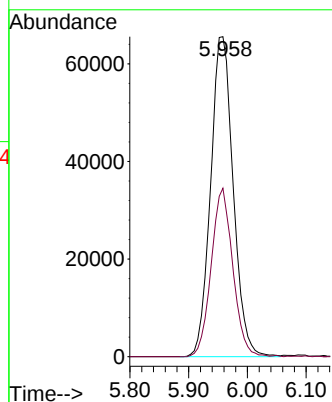
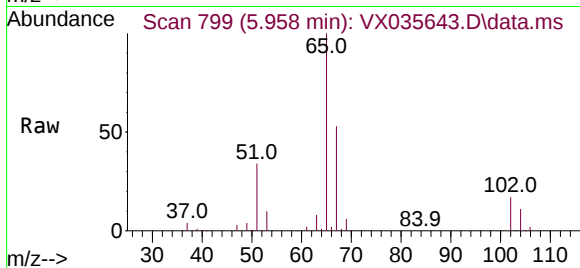
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 175488

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

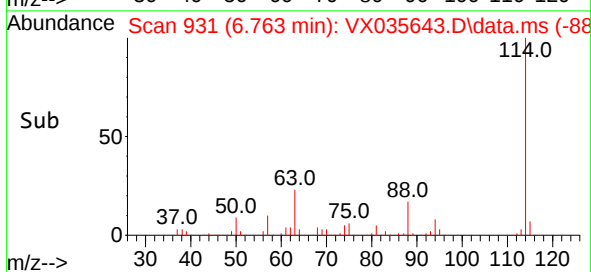
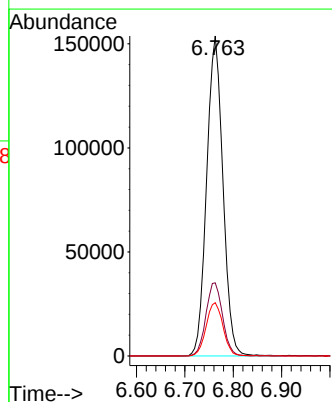
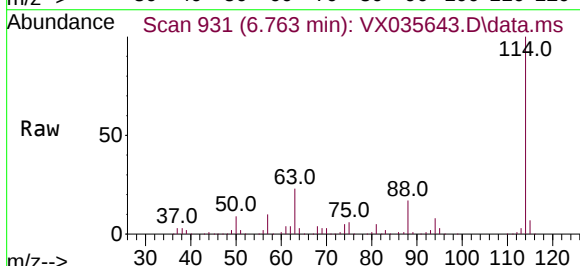
Tgt Ion: 114 Resp: 359337

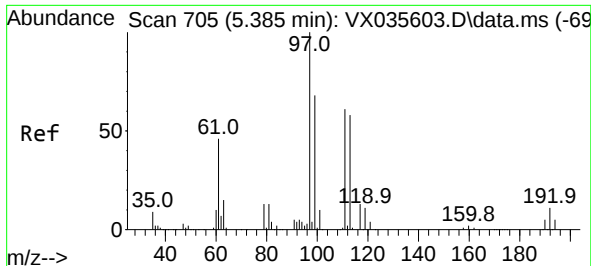
Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

88 16.7 0.0 33.2

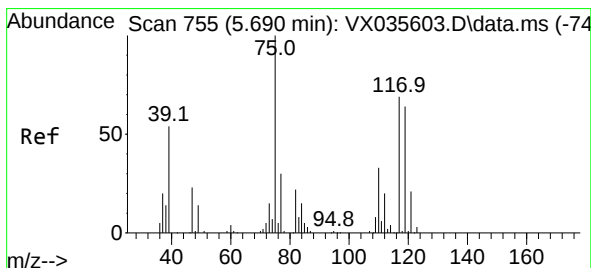
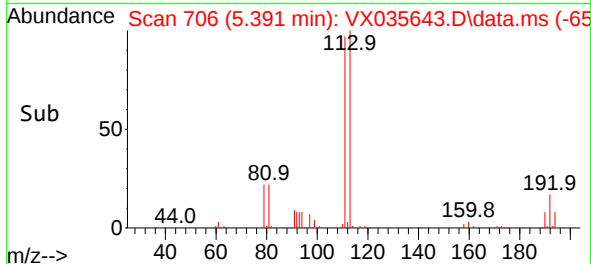
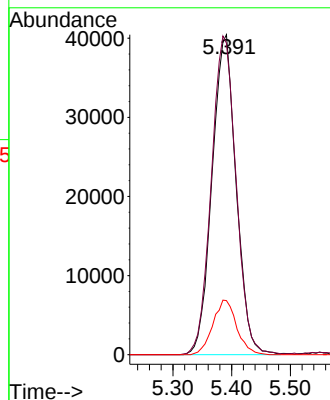
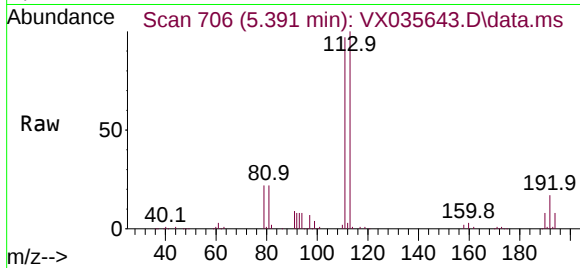




#35
Dibromofluoromethane
Concen: 47.472 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

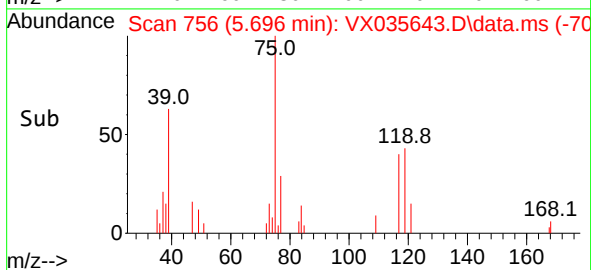
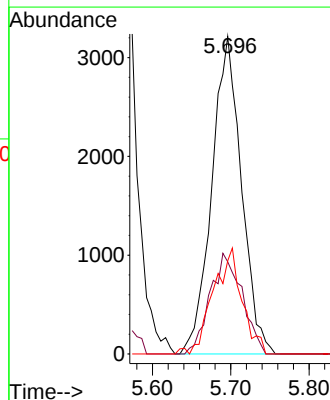
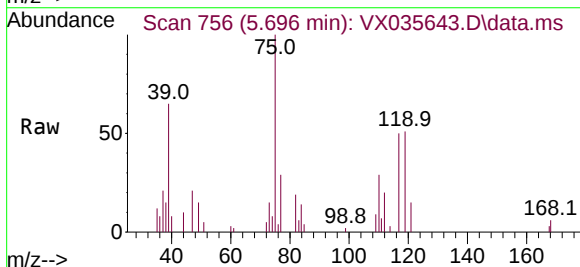
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

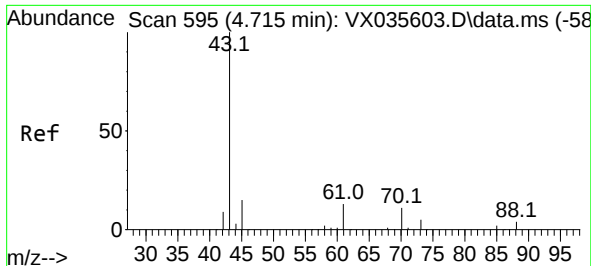
Tgt Ion:113 Resp: 115042
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 16.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 2.214 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 75 Resp: 8468
Ion Ratio Lower Upper
75 100
110 34.0 17.5 52.5
77 32.5 24.3 36.5





#37

Ethyl Acetate

Concen: 2.717 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

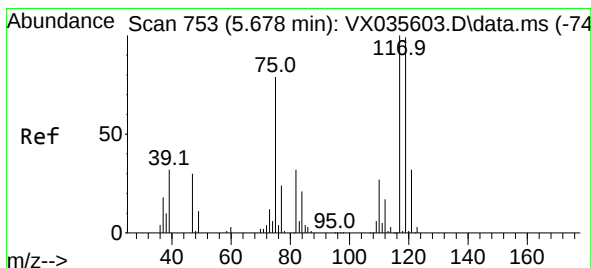
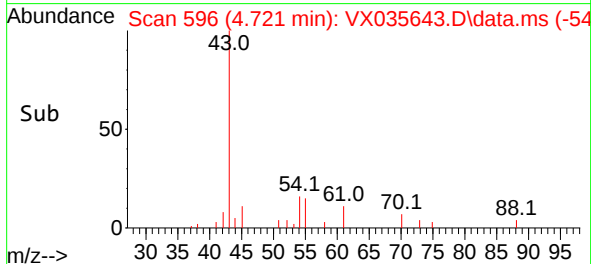
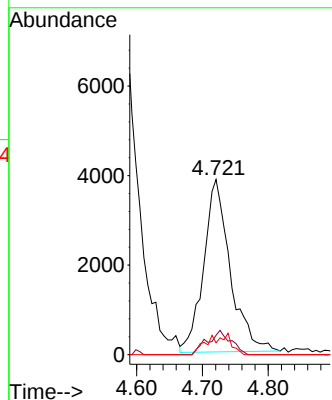
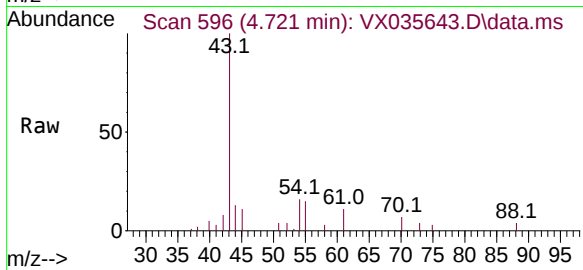
Tgt Ion: 43 Resp: 10839

Ion Ratio Lower Upper

43 100

61 12.4 10.2 15.4

70 5.2 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 2.011 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

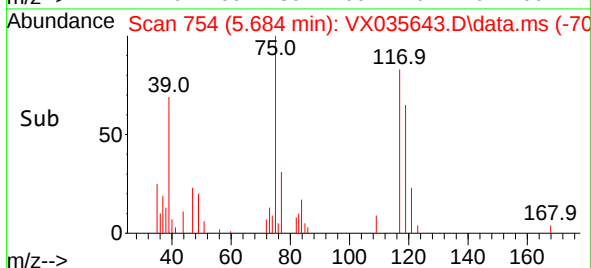
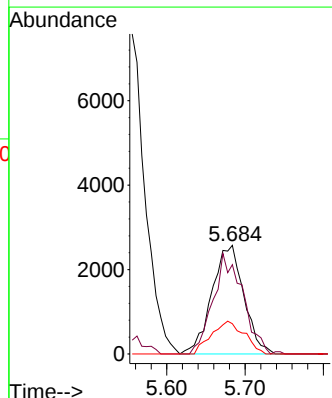
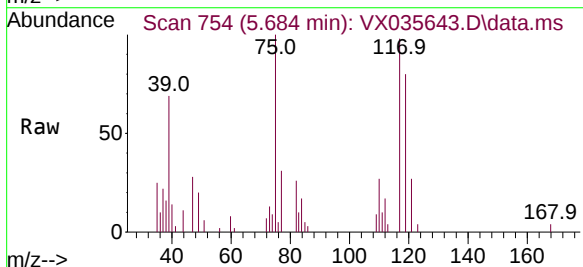
Tgt Ion: 117 Resp: 7287

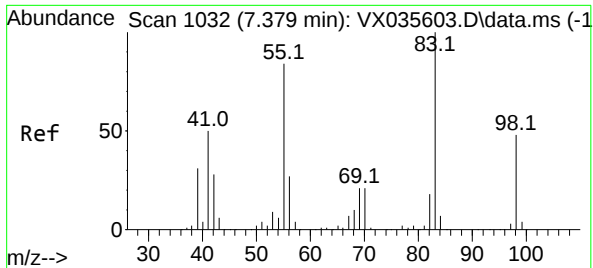
Ion Ratio Lower Upper

117 100

119 82.2 76.6 114.8

121 27.8 23.8 35.6

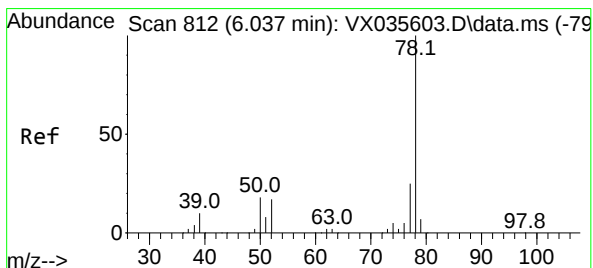
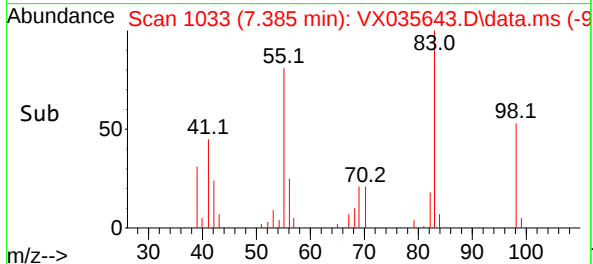
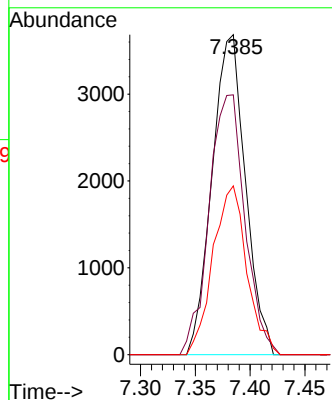
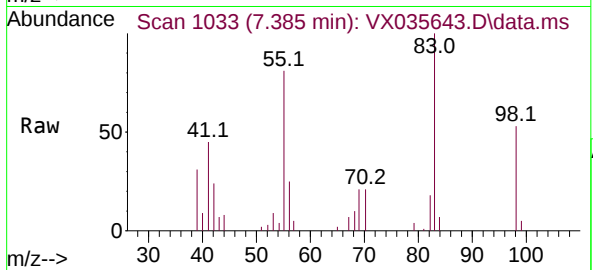




#39
Methylcyclohexane
Concen: 1.733 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

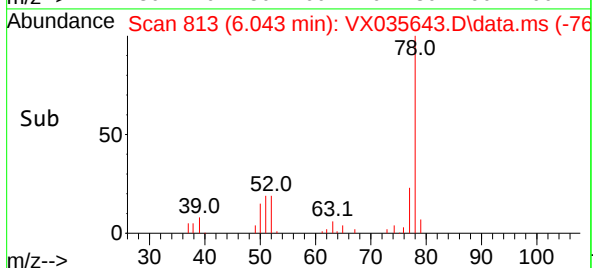
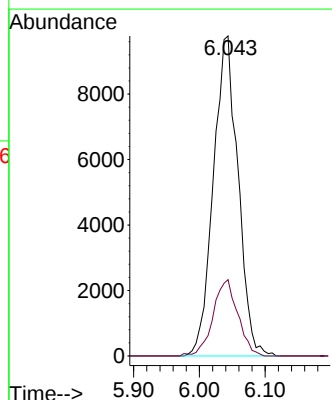
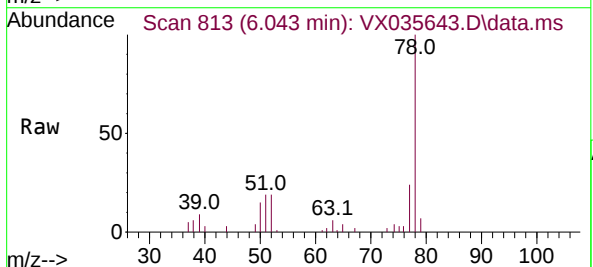
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

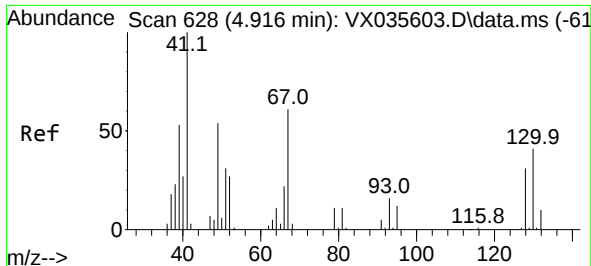
Tgt Ion: 83 Resp: 7804
Ion Ratio Lower Upper
83 100
55 81.2 60.5 90.7
98 52.8 40.4 60.6



#40
Benzene
Concen: 2.386 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 78 Resp: 25528
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

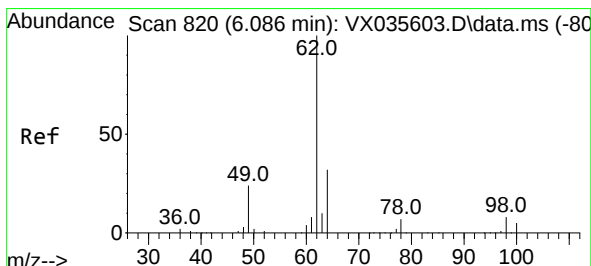
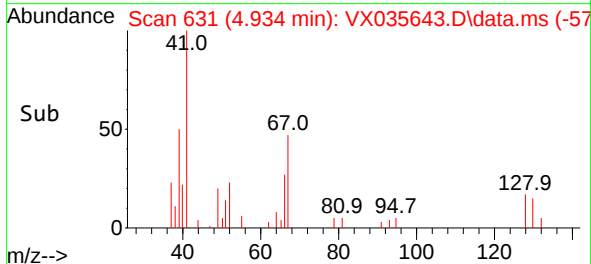
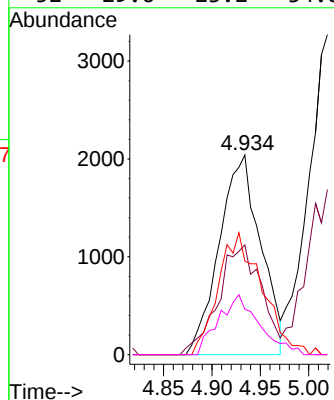
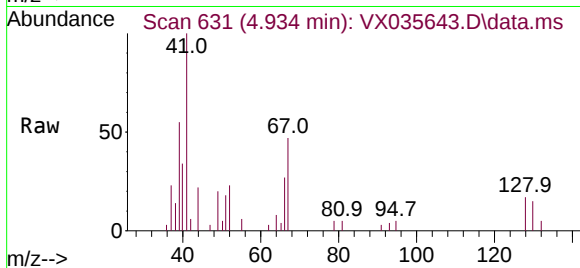




#41
Methacrylonitrile
Concen: 2.562 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

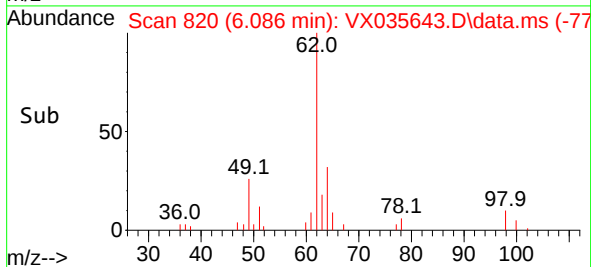
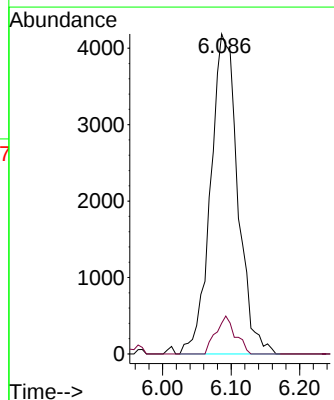
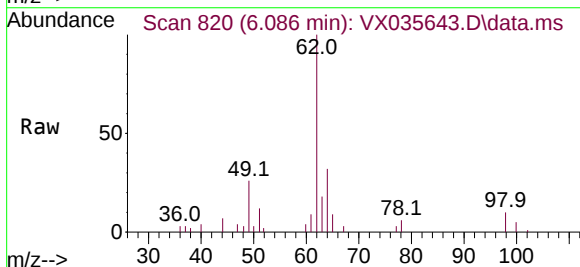
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 41	Resp: 6069
Ion Ratio	Lower Upper
41 100	
39 57.3	45.0 67.6
67 64.9	55.6 83.4
52 29.6	23.2 34.8



#42
1,2-Dichloroethane
Concen: 2.506 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 62	Resp: 11537
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 18.0





#43

Isopropyl Acetate

Concen: 2.508 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

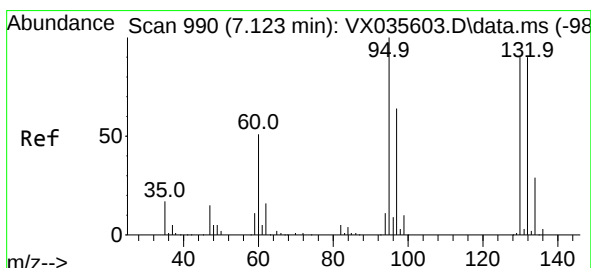
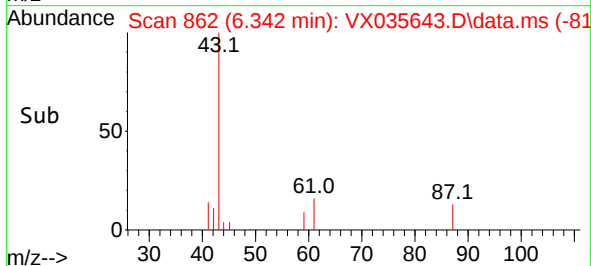
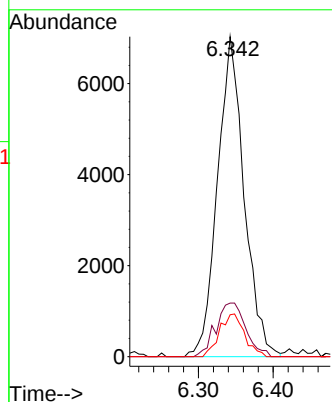
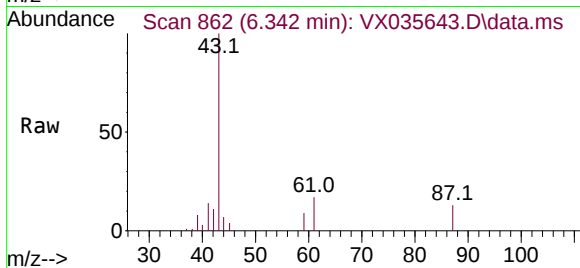
Tgt Ion: 43 Resp: 17446

Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

87 12.5 9.8 14.8



#44

Trichloroethene

Concen: 2.228 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035643.D

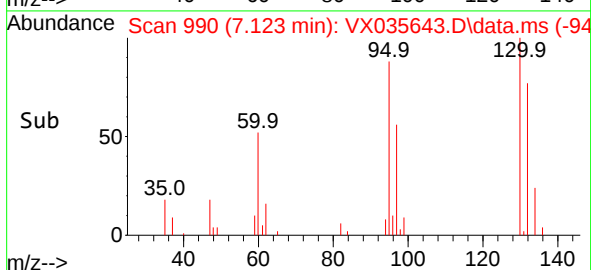
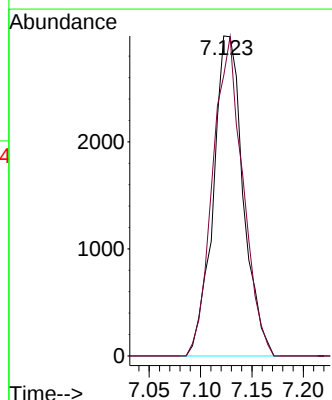
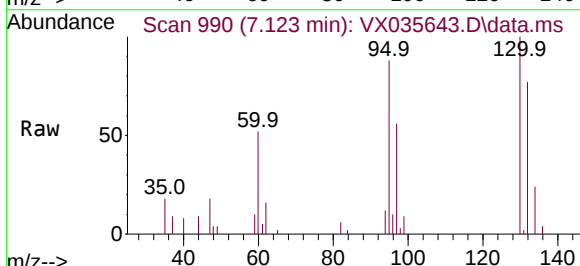
Acq: 12 May 2023 17:14

Tgt Ion:130 Resp: 6045

Ion Ratio Lower Upper

130 100

95 87.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 2.465 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

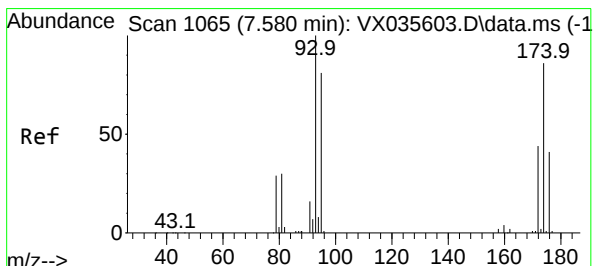
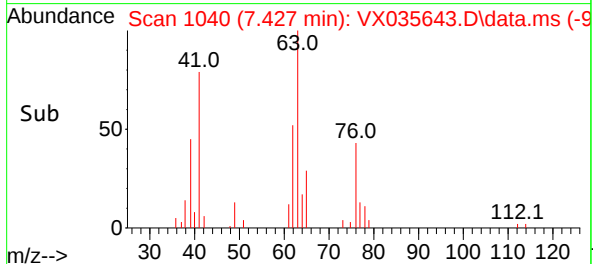
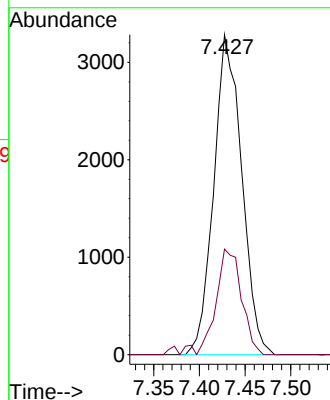
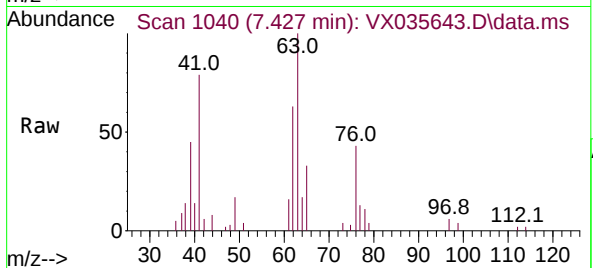
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 6985

Ion Ratio Lower Upper

63 100

65 33.0 24.6 37.0



#46

Dibromomethane

Concen: 2.435 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

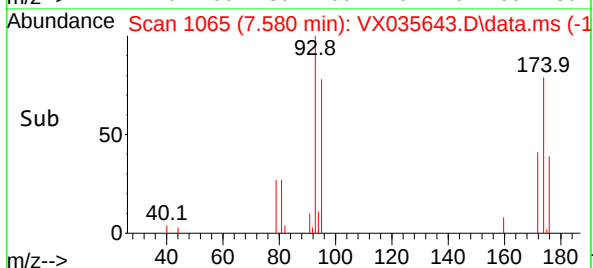
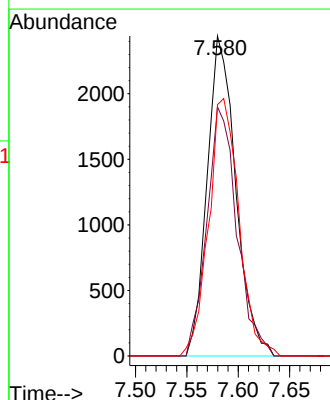
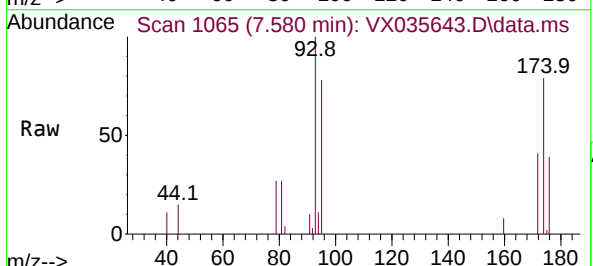
Tgt Ion: 93 Resp: 4724

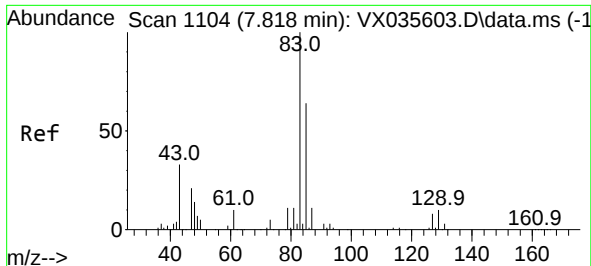
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 85.2 75.4 113.0

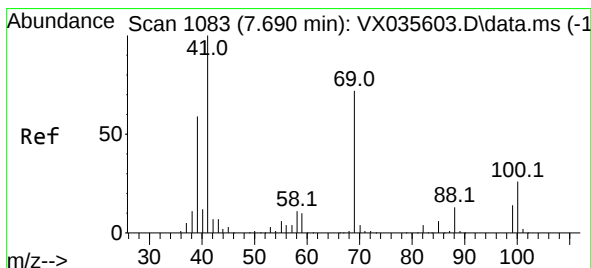
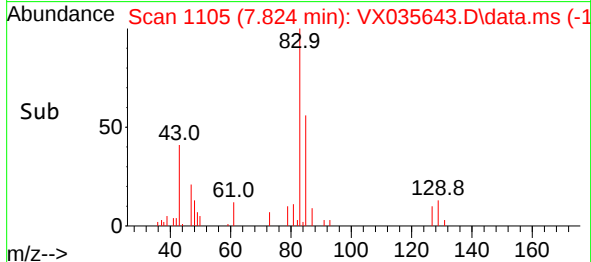
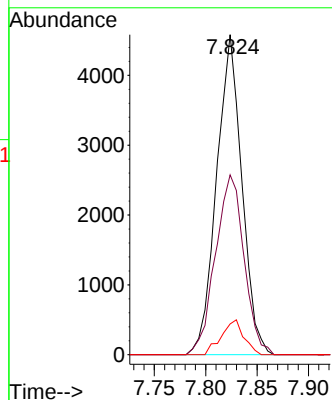
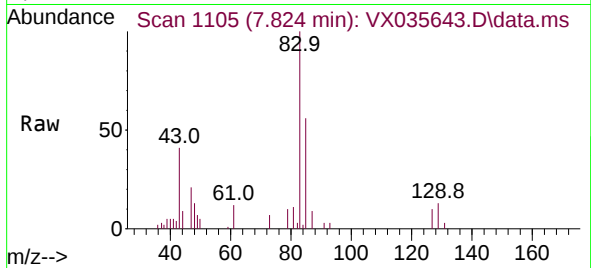




#47
Bromodichloromethane
Concen: 2.090 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

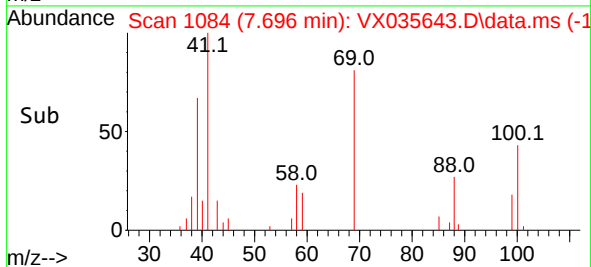
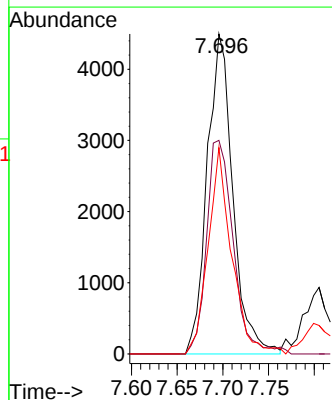
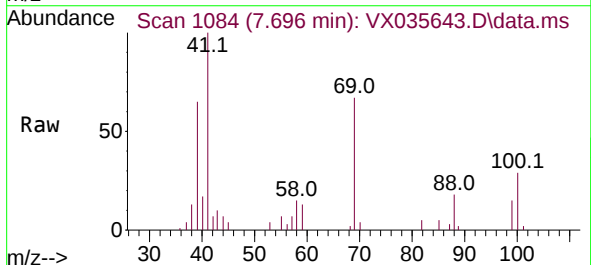
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

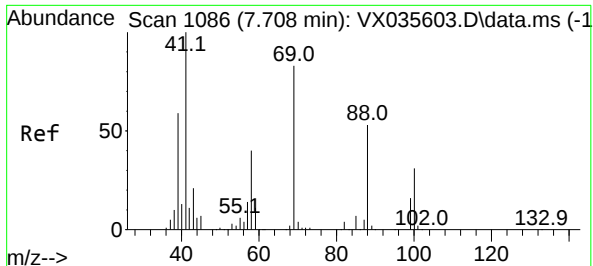
Tgt Ion: 83 Resp: 7838
Ion Ratio Lower Upper
83 100
85 56.2 52.2 78.4
127 9.6 6.6 9.8



#48
Methyl methacrylate
Concen: 2.556 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 41 Resp: 8775
Ion Ratio Lower Upper
41 100
69 69.4 62.2 93.4
39 59.0 47.7 71.5





#49

1,4-Dioxane

Concen: 53.314 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

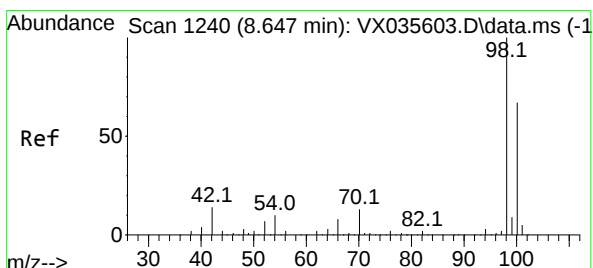
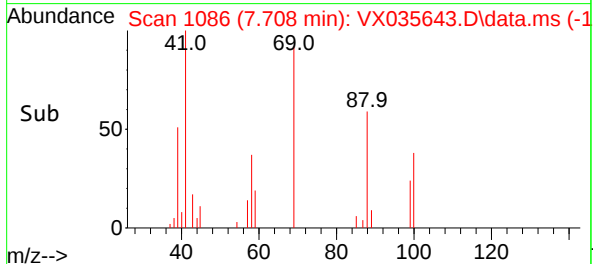
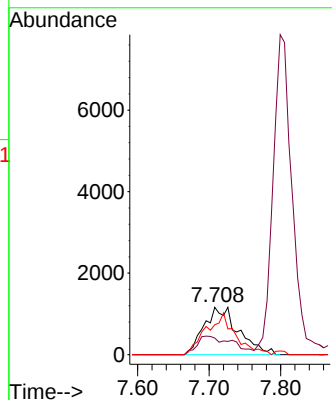
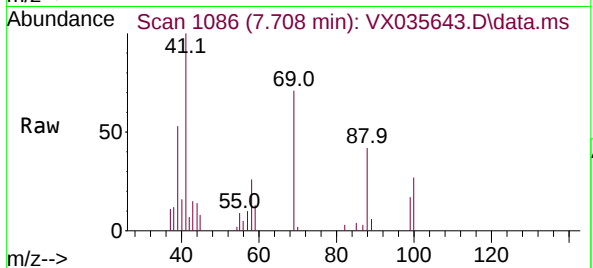
Tgt Ion: 88 Resp: 3894

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 74.3 56.8 85.2



#50

Toluene-d8

Concen: 46.825 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035643.D

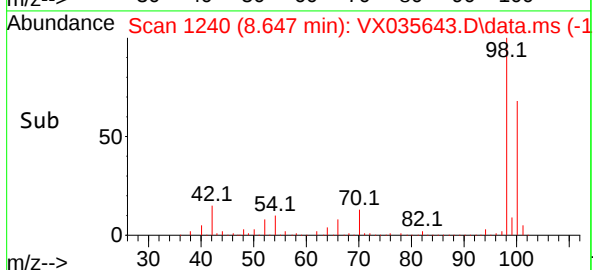
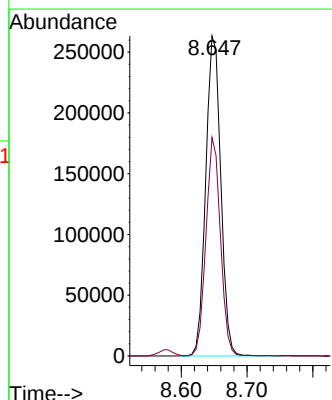
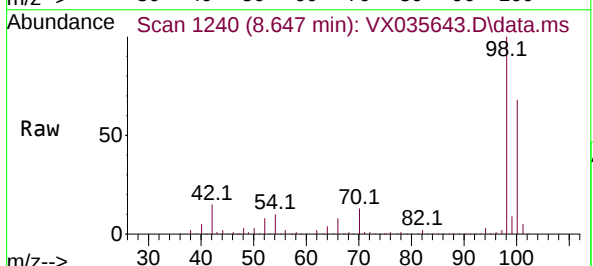
Acq: 12 May 2023 17:14

Tgt Ion: 98 Resp: 419197

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

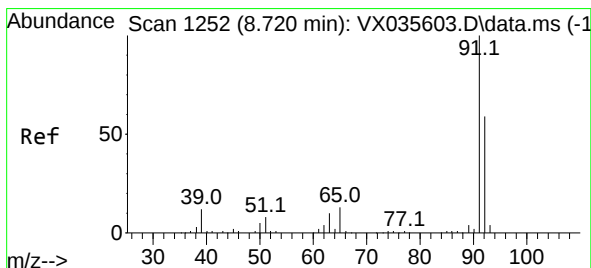
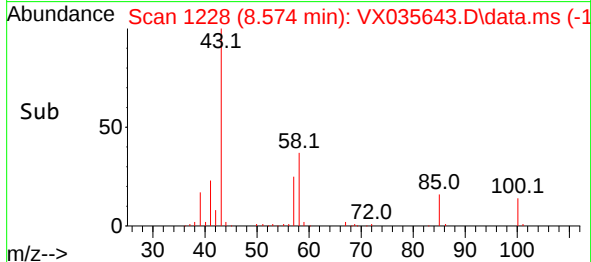
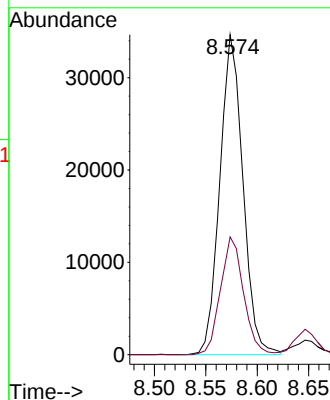
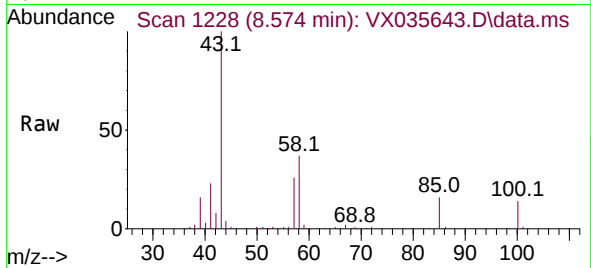




#51
4-Methyl-2-Pentanone
Concen: 13.492 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

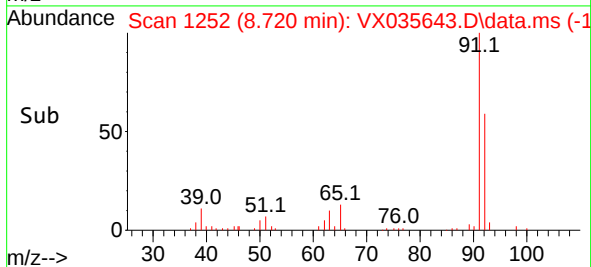
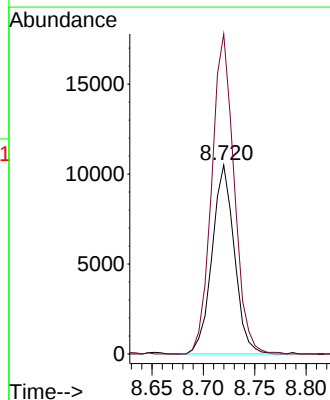
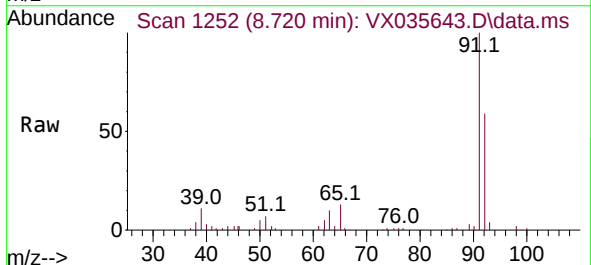
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

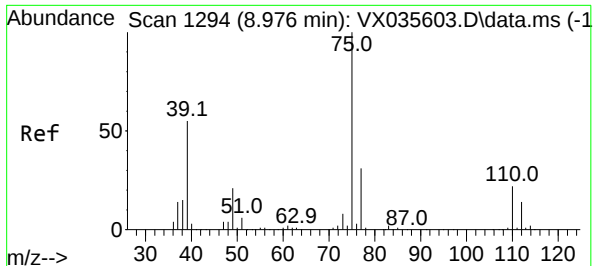
Tgt Ion: 43 Resp: 54078
Ion Ratio Lower Upper
43 100
58 36.8 30.6 46.0



#52
Toluene
Concen: 2.339 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 92 Resp: 15798
Ion Ratio Lower Upper
92 100
91 171.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 1.783 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

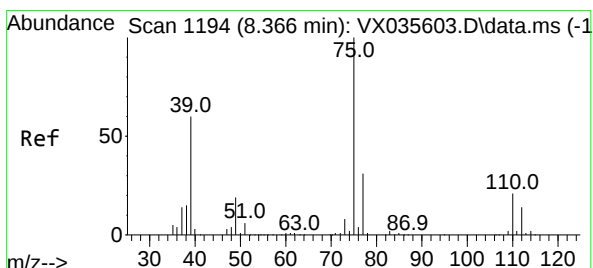
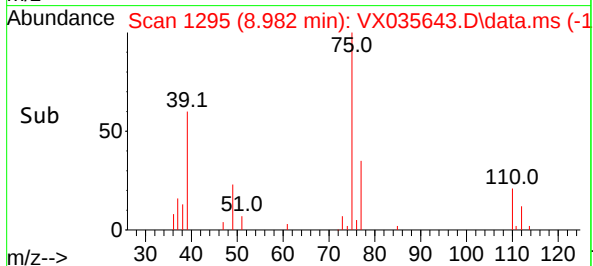
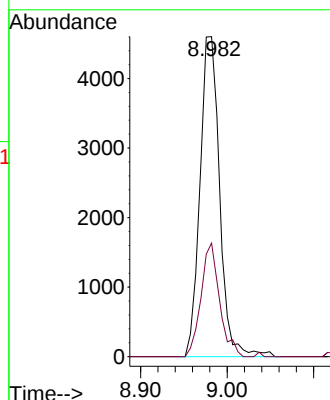
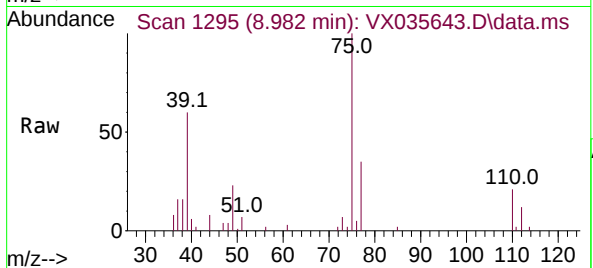
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 7265

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

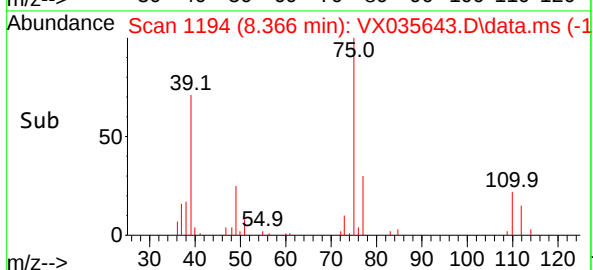
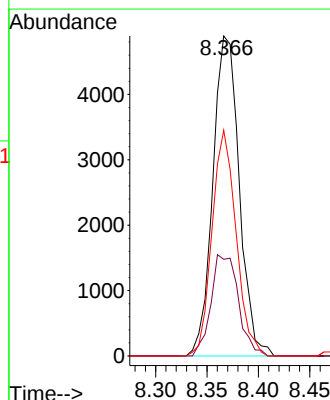
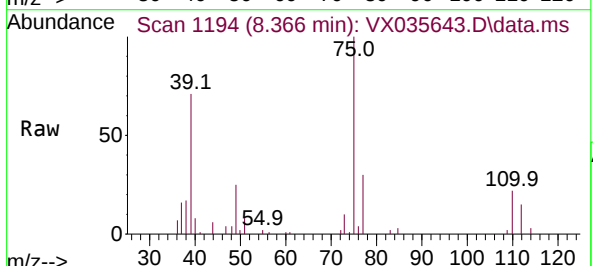
Tgt Ion: 75 Resp: 8726

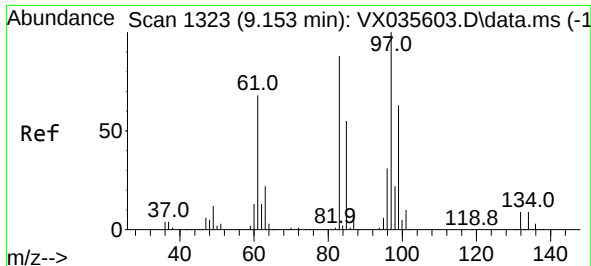
Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4

39 70.6 44.6 66.8#

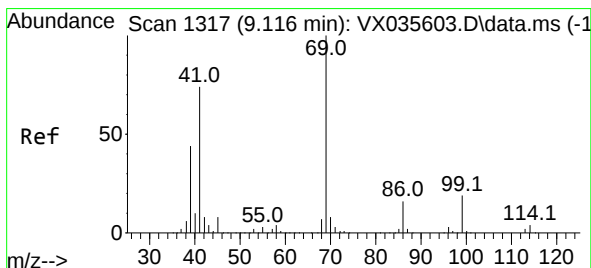
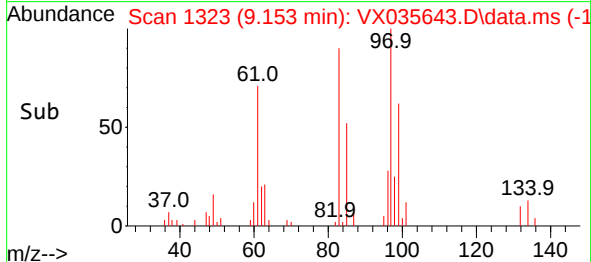
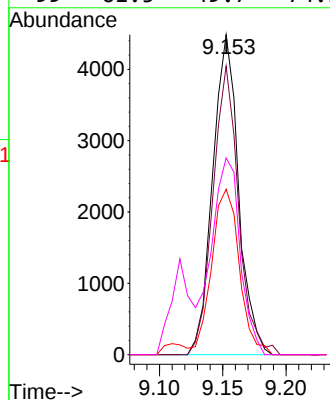
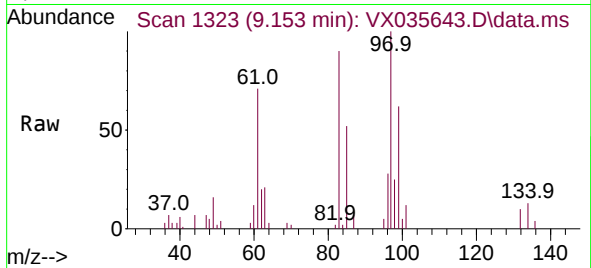




#55
1,1,2-Trichloroethane
Concen: 2.406 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

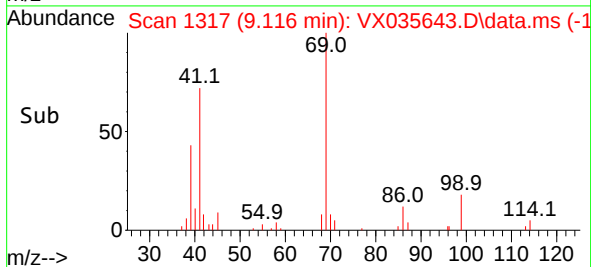
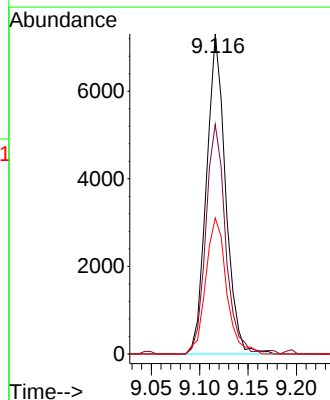
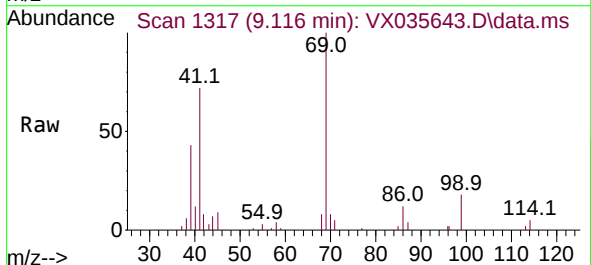
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

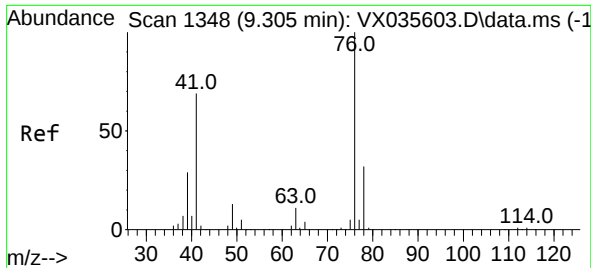
Tgt Ion:	97	Resp:	6384
Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.7	104.5
85	51.7	43.7	65.5
99	61.5	49.7	74.5



#56
Ethyl methacrylate
Concen: 2.342 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion:	69	Resp:	10062
Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.4	86.0
39	46.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 2.437 ug/l

RT: 9.311 min Scan# 11721

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

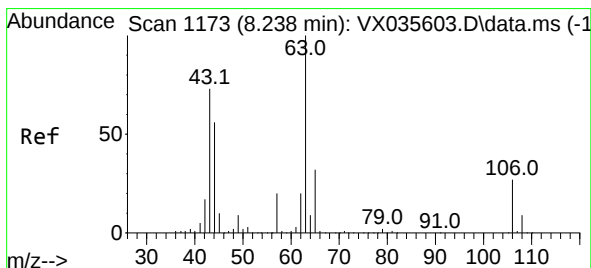
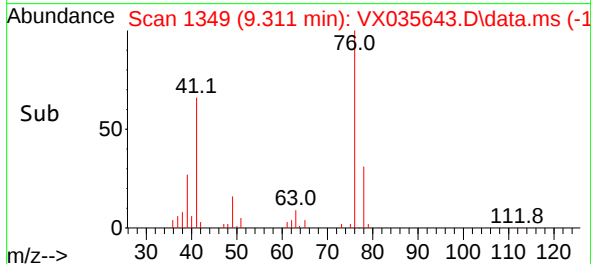
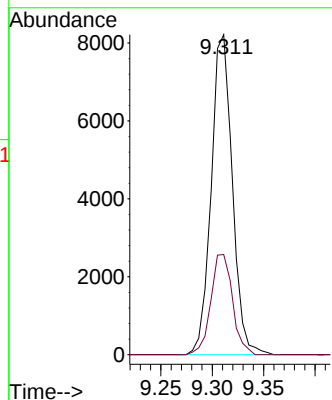
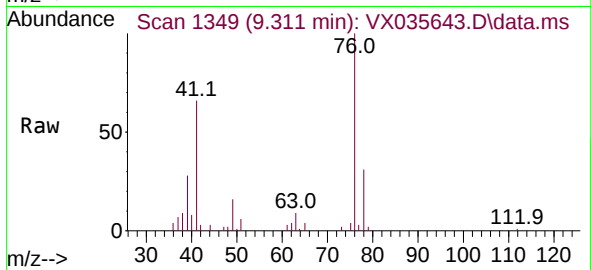
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 11721

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 12.368 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035643.D

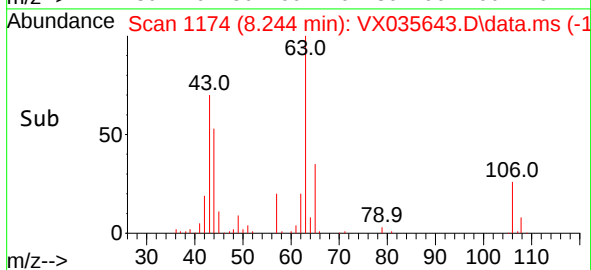
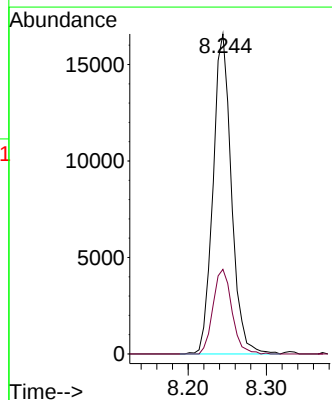
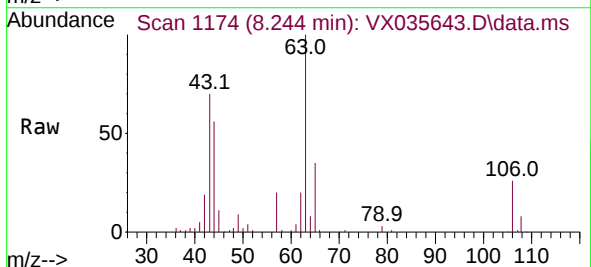
Acq: 12 May 2023 17:14

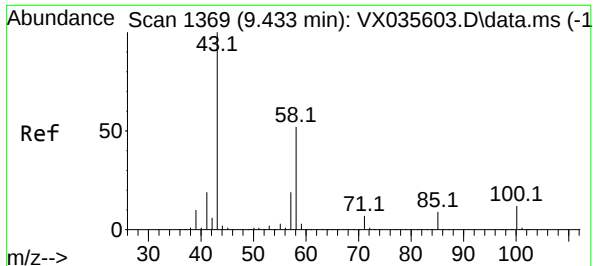
Tgt Ion: 63 Resp: 27033

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2





#59

2-Hexanone

Concen: 13.416 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

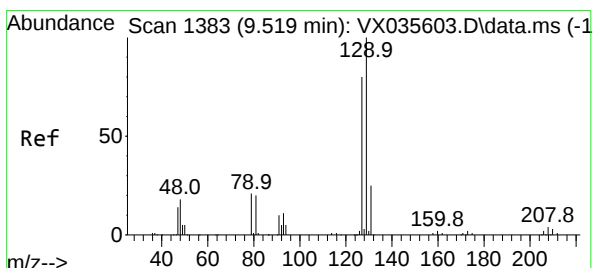
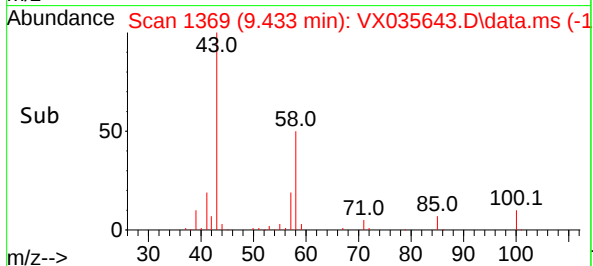
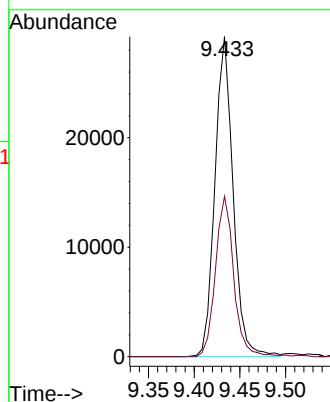
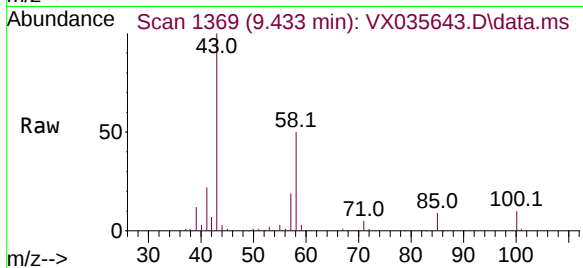
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 40496

Ion Ratio Lower Upper

43 100

58 50.4 26.3 78.9



#60

Dibromochloromethane

Concen: 1.908 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX035643.D

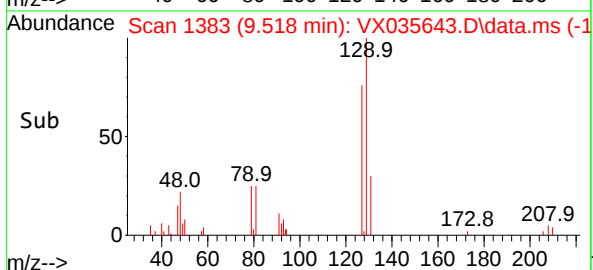
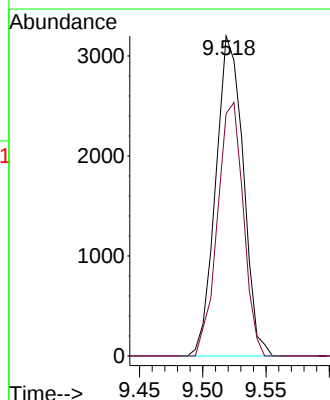
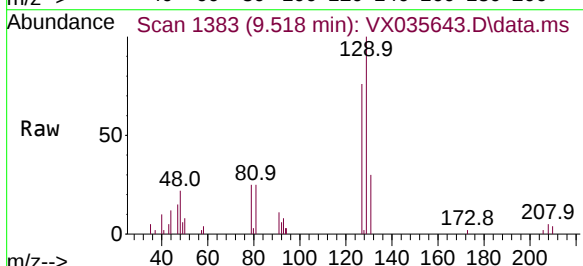
Acq: 12 May 2023 17:14

Tgt Ion: 129 Resp: 4826

Ion Ratio Lower Upper

129 100

127 74.7 39.0 117.0

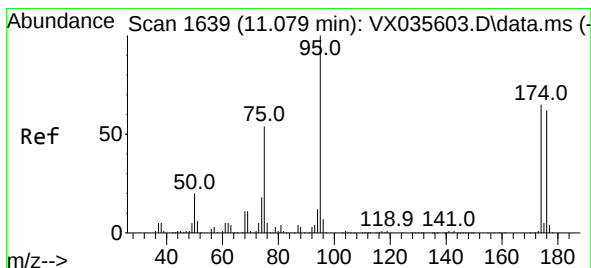
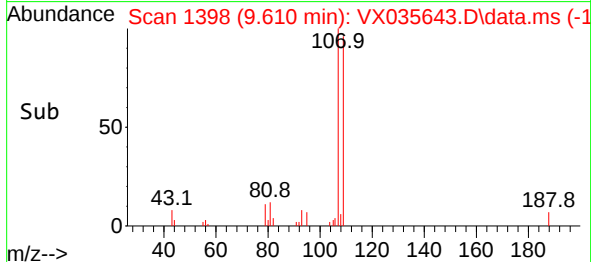
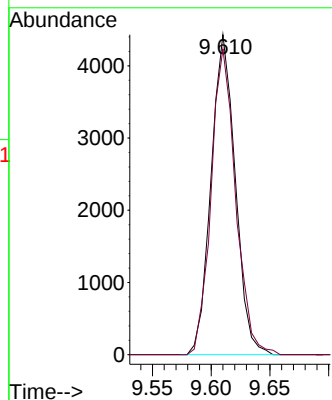
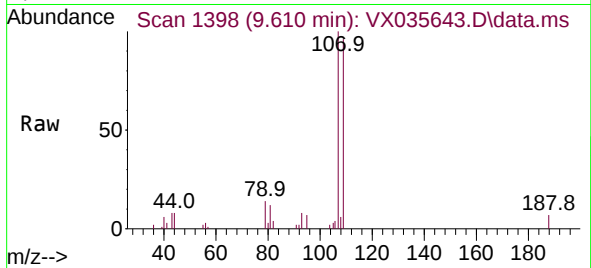




#61
1,2-Dibromoethane
Concen: 2.271 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

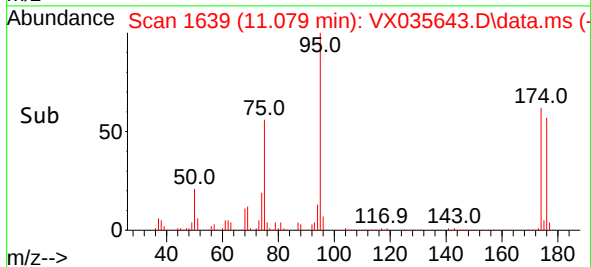
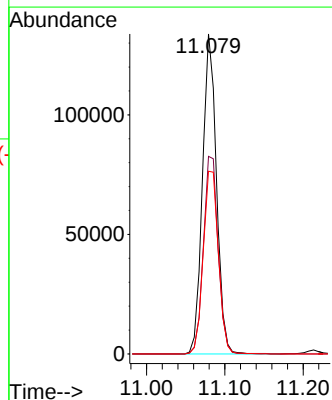
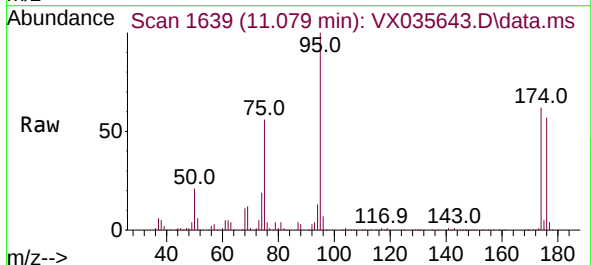
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

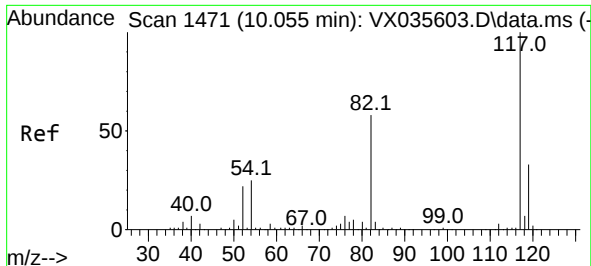
Tgt Ion:107 Resp: 6349
Ion Ratio Lower Upper
107 100
109 96.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 95 Resp: 165723
Ion Ratio Lower Upper
95 100
174 64.9 0.0 147.4
176 62.1 0.0 140.6

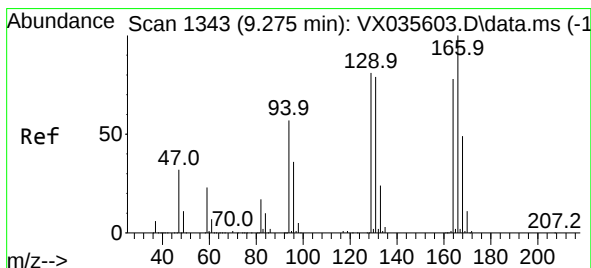
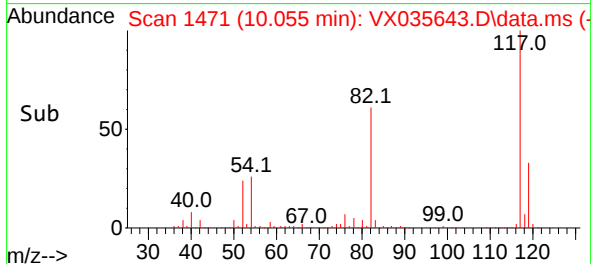
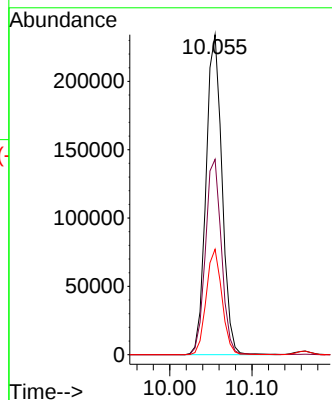
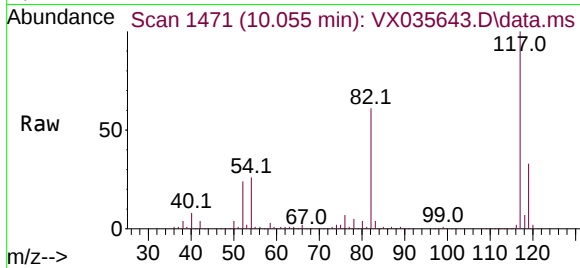




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

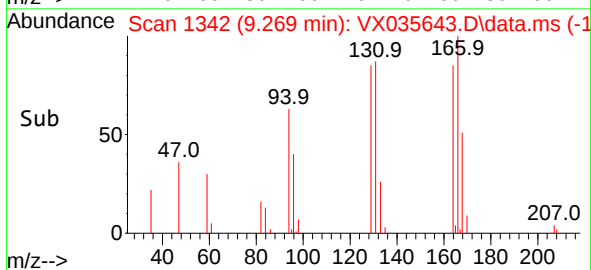
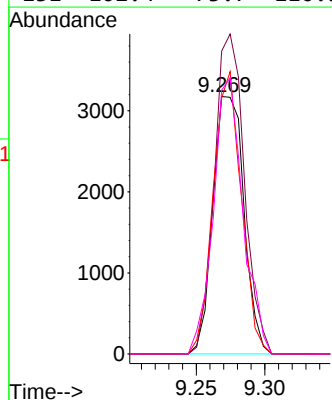
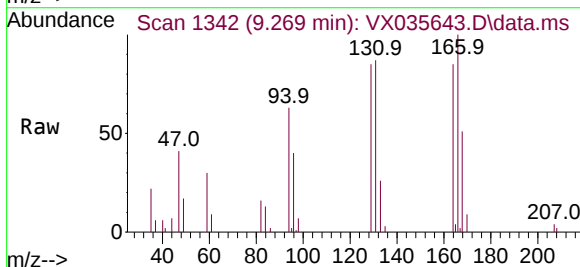
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

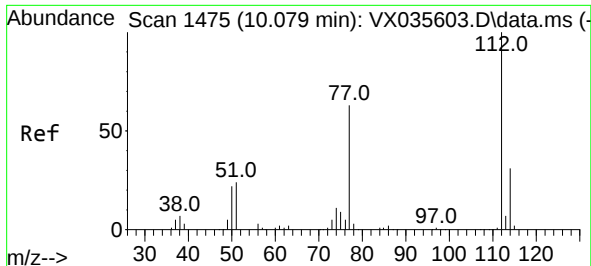
Tgt Ion:117 Resp: 316055
Ion Ratio Lower Upper
117 100
82 61.1 45.0 67.4
119 33.0 26.0 39.0



#64
Tetrachloroethene
Concen: 2.346 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion:164 Resp: 4991
Ion Ratio Lower Upper
164 100
166 117.7 102.7 154.1
129 99.5 75.6 113.4
131 102.4 73.7 110.5

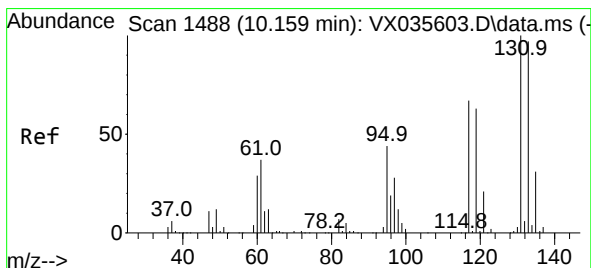
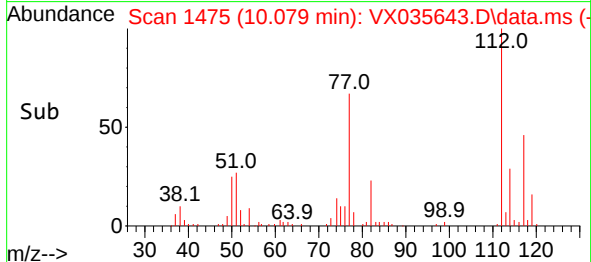
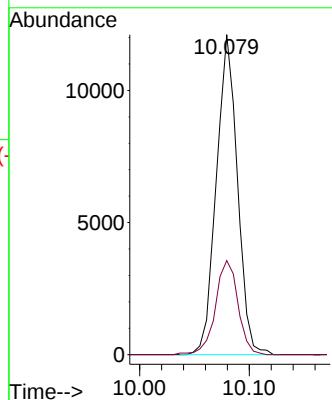
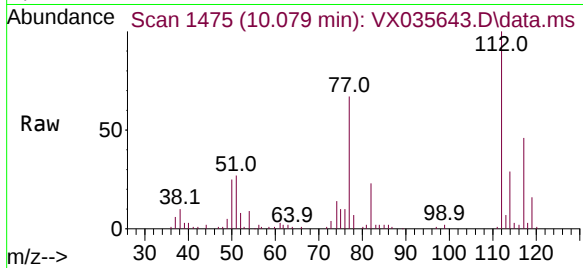




#65
Chlorobenzene
Concen: 2.346 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

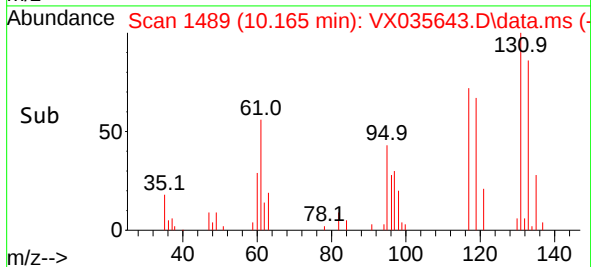
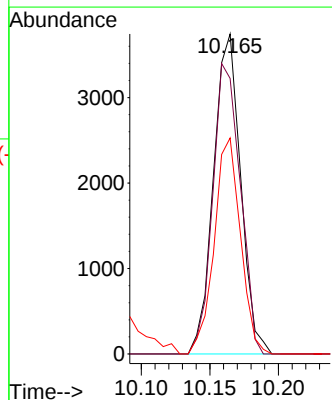
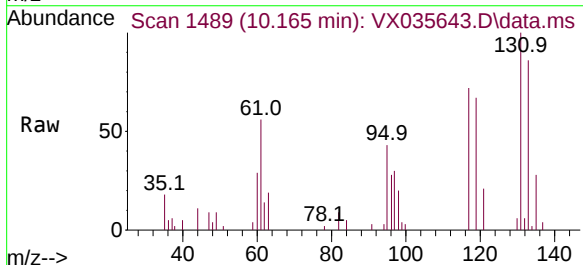
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

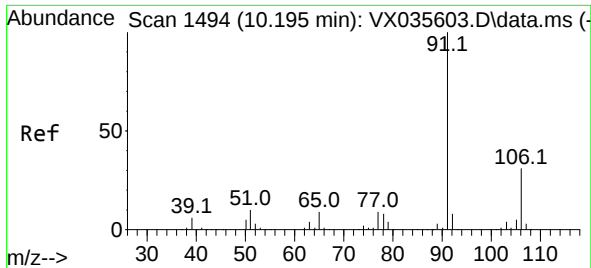
Tgt Ion:112 Resp: 16186
Ion Ratio Lower Upper
112 100
114 29.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 2.107 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion:131 Resp: 5140
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.4
119 65.6 32.6 98.0





#67

Ethyl Benzene

Concen: 2.227 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

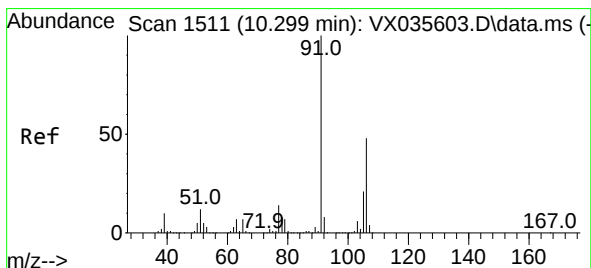
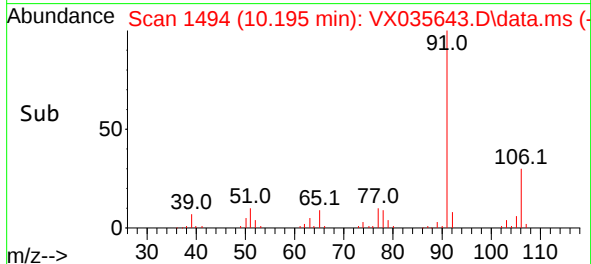
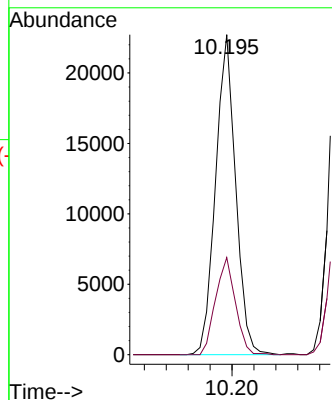
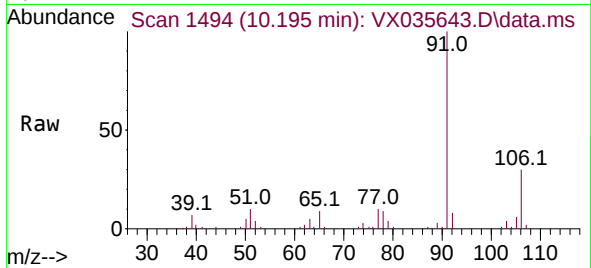
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 28894

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 4.545 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX035643.D

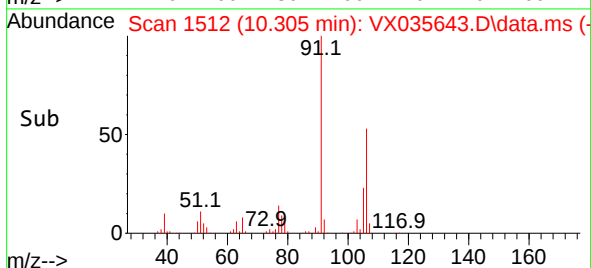
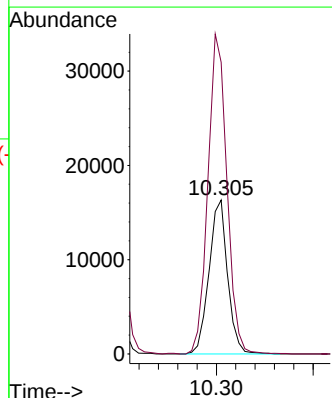
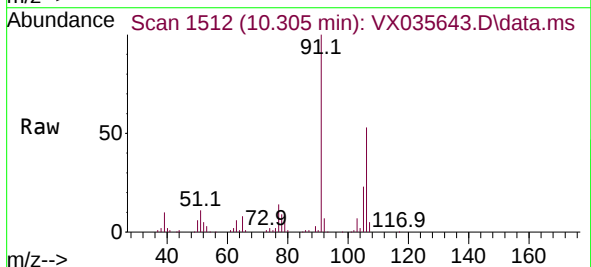
Acq: 12 May 2023 17:14

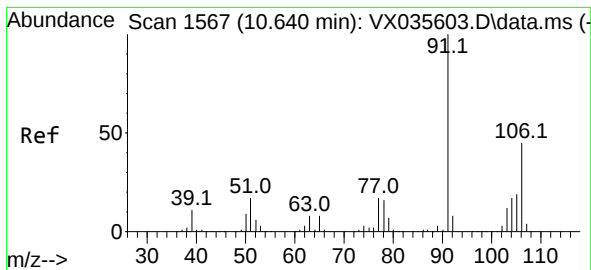
Tgt Ion: 106 Resp: 21801

Ion Ratio Lower Upper

106 100

91 212.7 164.0 246.0





#69

o-Xylene

Concen: 2.255 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

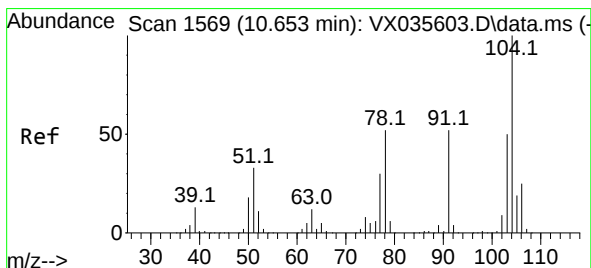
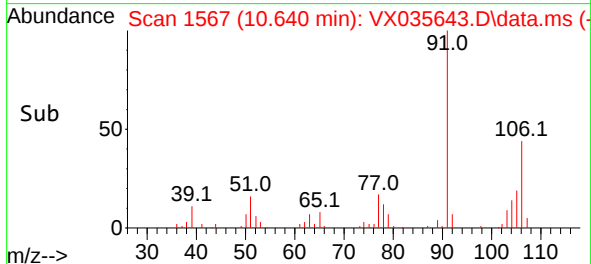
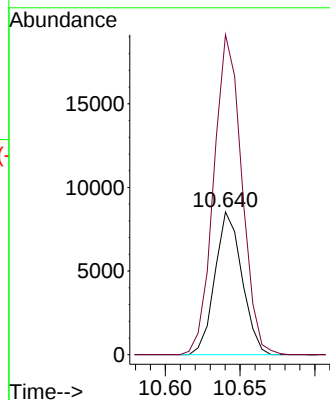
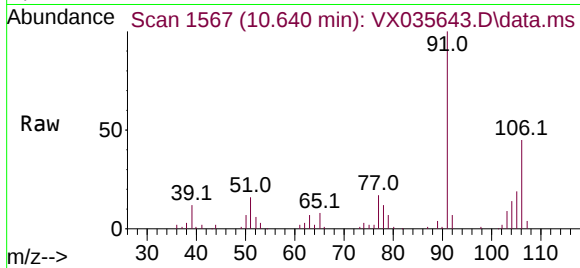
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 10731

Ion Ratio Lower Upper

106 100

91 232.5 108.5 325.3



#70

Styrene

Concen: 2.237 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.005 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

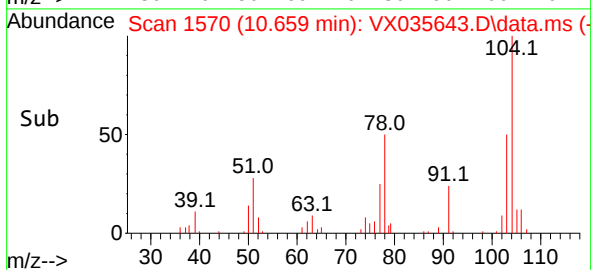
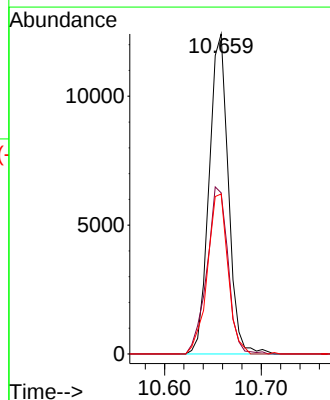
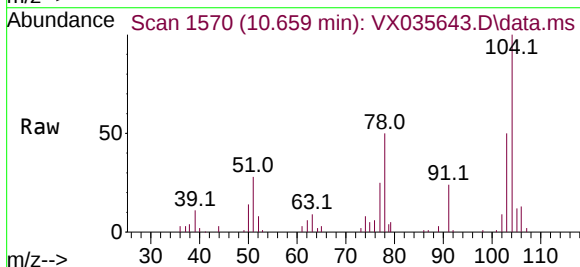
Tgt Ion:104 Resp: 17155

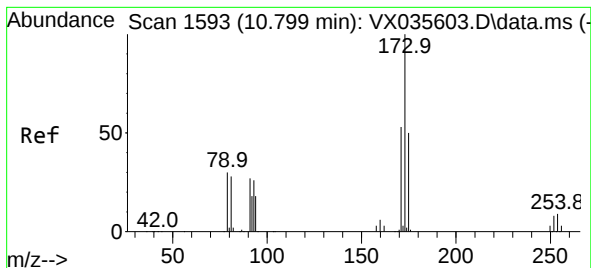
Ion Ratio Lower Upper

104 100

78 57.2 43.4 65.2

103 53.5 44.2 66.2





#71

Bromoform

Concen: 1.809 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035643.D

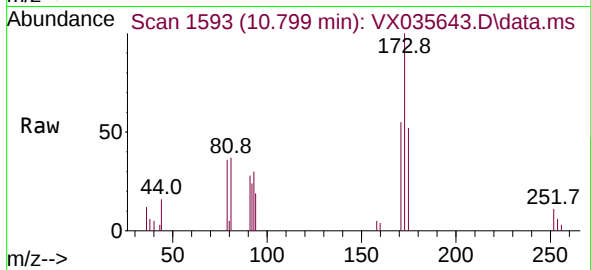
Acq: 12 May 2023 17:14

Instrument :

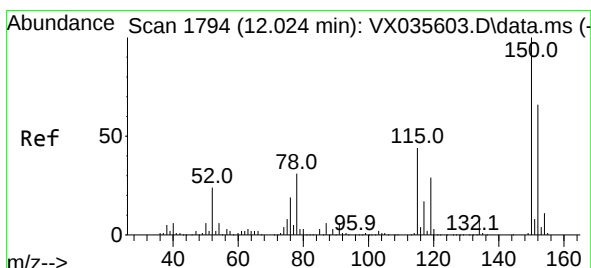
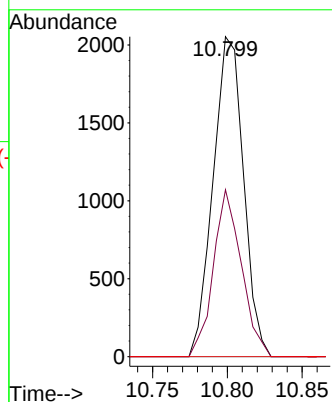
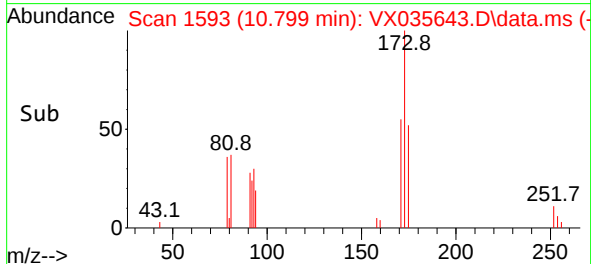
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	173	Resp:	2904
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.4
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

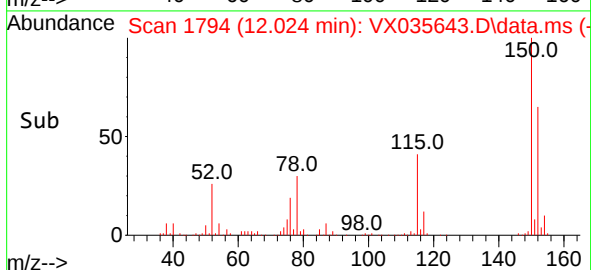
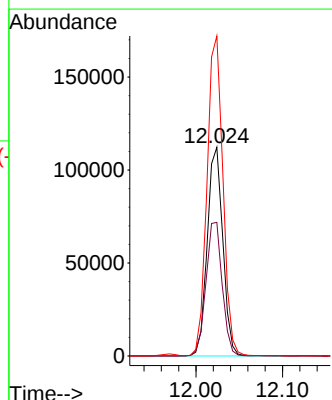
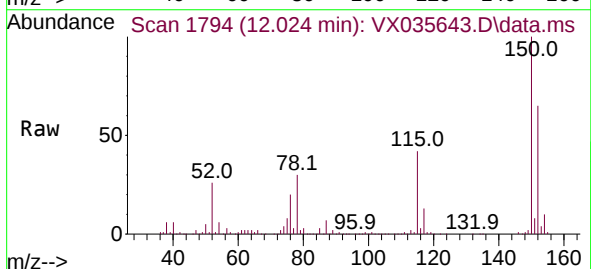
RT: 12.024 min Scan# 1794

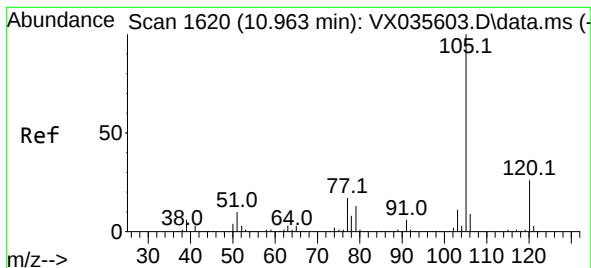
Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Tgt Ion:	152	Resp:	140270
Ion Ratio	Lower	Upper	
152	100		
115	66.8	45.0	135.0
150	156.0	0.0	352.4





#73

Isopropylbenzene

Concen: 2.293 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

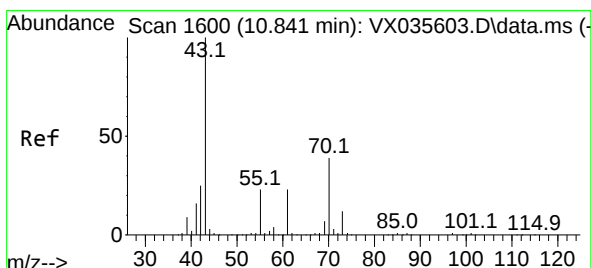
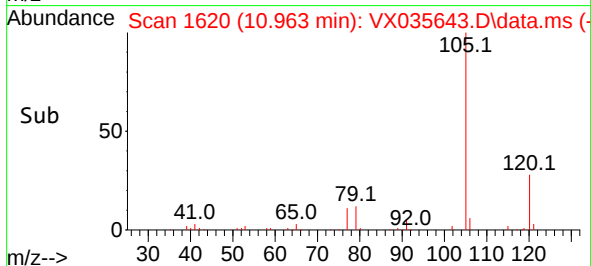
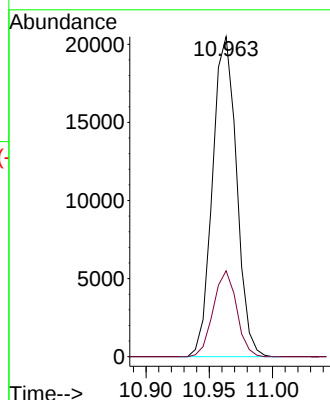
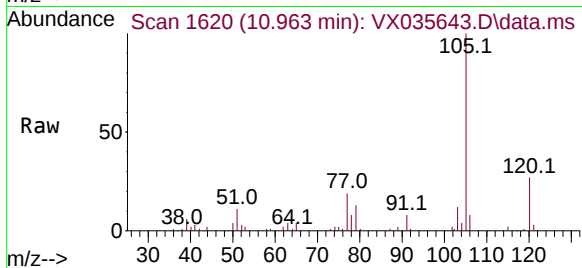
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 27102

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#74

N-ethyl acetate

Concen: 2.384 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Tgt Ion: 43 Resp: 13140

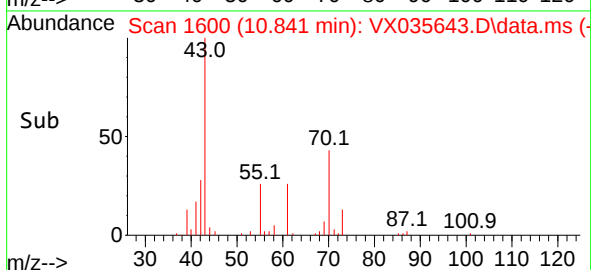
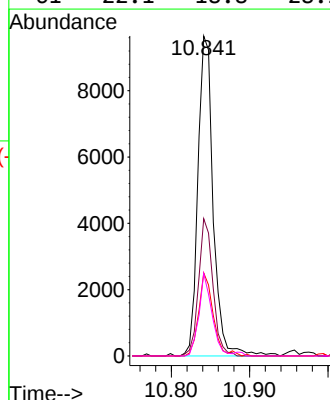
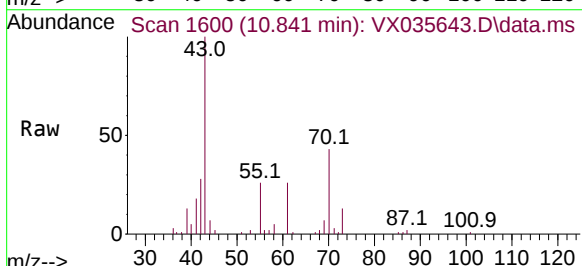
Ion Ratio Lower Upper

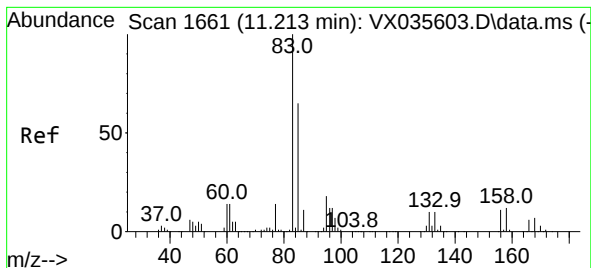
43 100

70 40.1 32.1 48.1

55 24.7 18.3 27.5

61 22.1 18.8 28.2

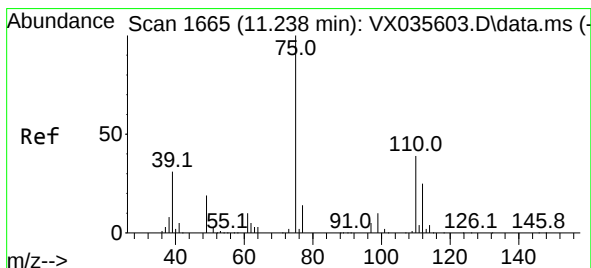
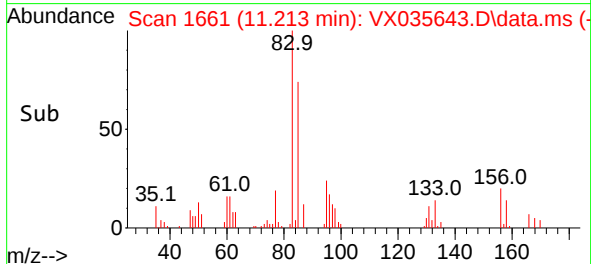
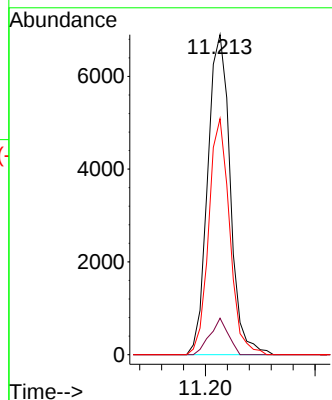
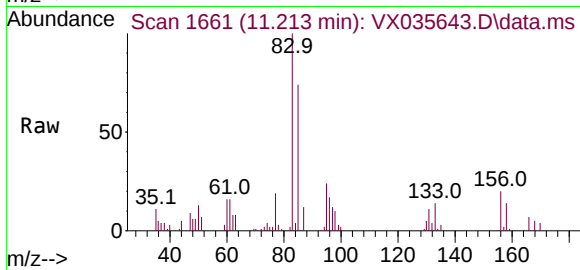




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.564 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035643.D
 Acq: 12 May 2023 17:14

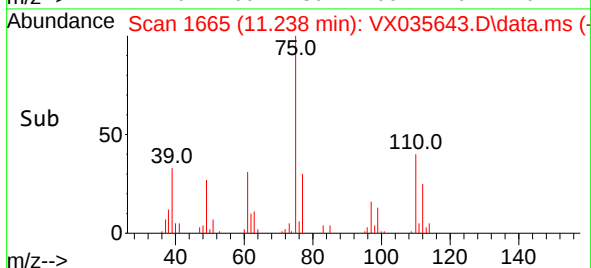
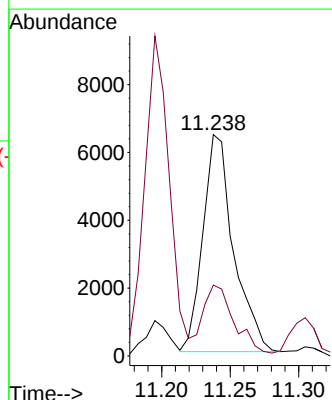
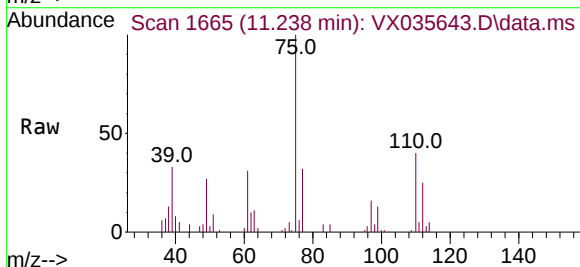
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

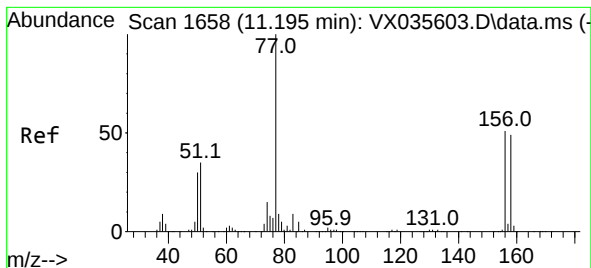
Tgt Ion: 83 Resp: 9830
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.3
 85 68.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 2.913 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035643.D
 Acq: 12 May 2023 17:14

Tgt Ion: 75 Resp: 9993
 Ion Ratio Lower Upper
 75 100
 77 34.5 21.6 64.8





#77

Bromobenzene

Concen: 2.470 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

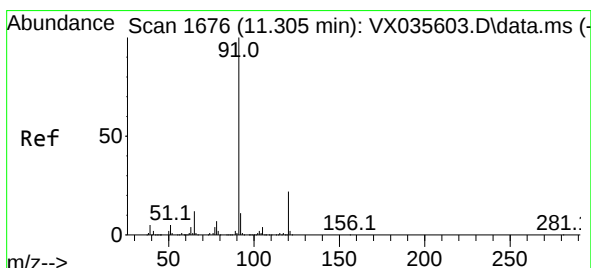
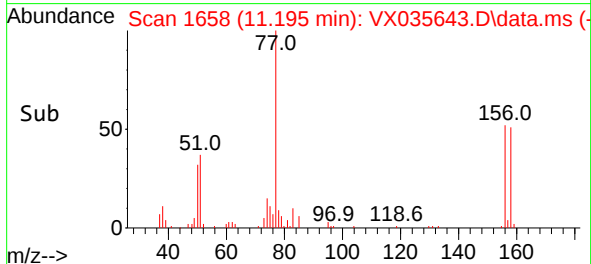
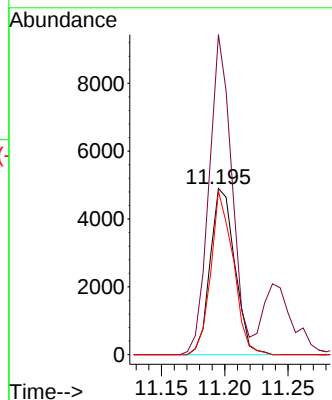
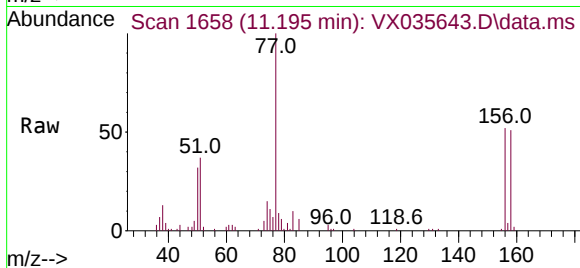
Tgt Ion:156 Resp: 6627

Ion Ratio Lower Upper

156 100

77 179.1 86.7 259.9

158 89.5 48.0 144.0



#78

n-propylbenzene

Concen: 2.172 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035643.D

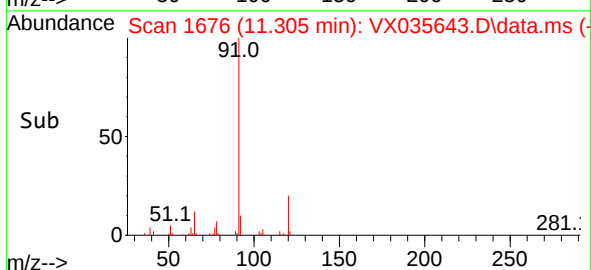
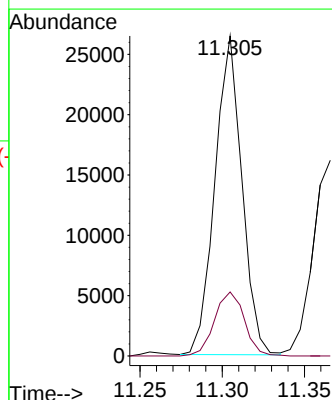
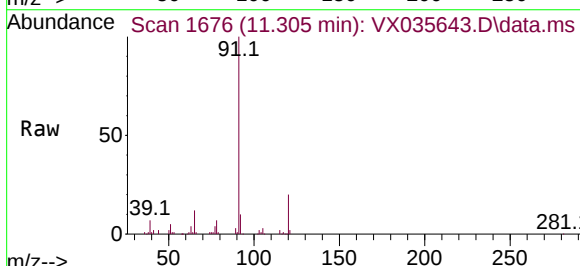
Acq: 12 May 2023 17:14

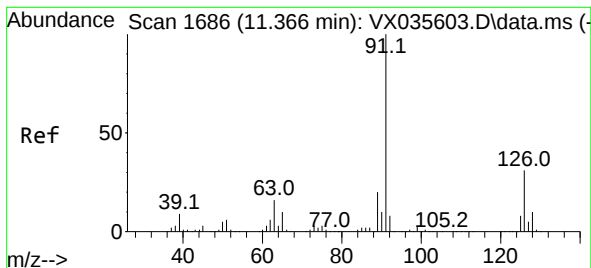
Tgt Ion: 91 Resp: 30172

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 2.358 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

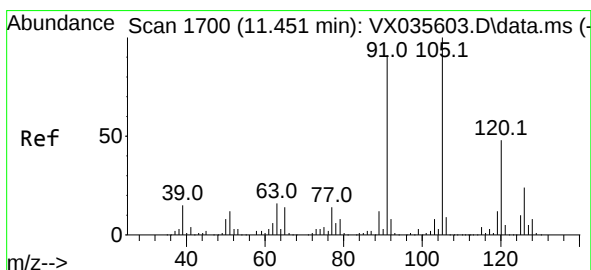
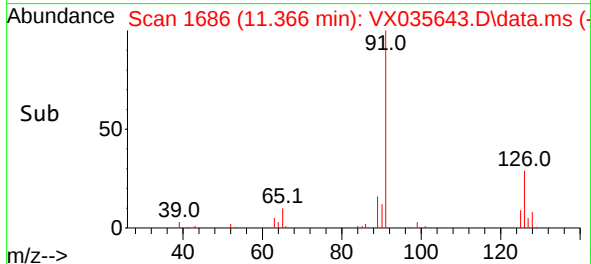
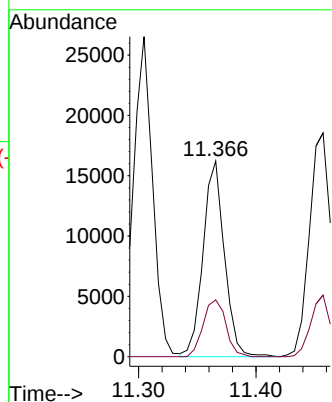
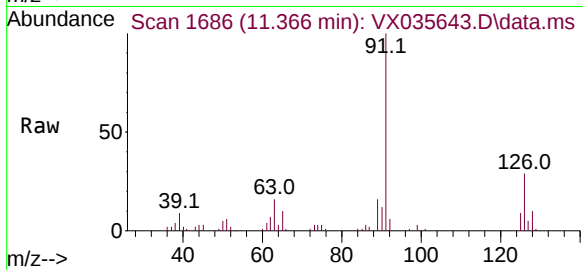
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 20509

Ion Ratio Lower Upper

91 100

126 30.8 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 2.250 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035643.D

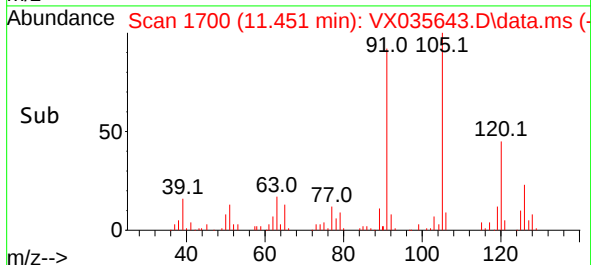
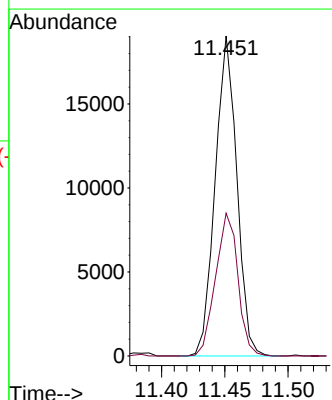
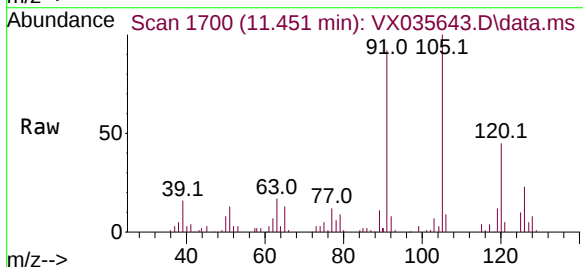
Acq: 12 May 2023 17:14

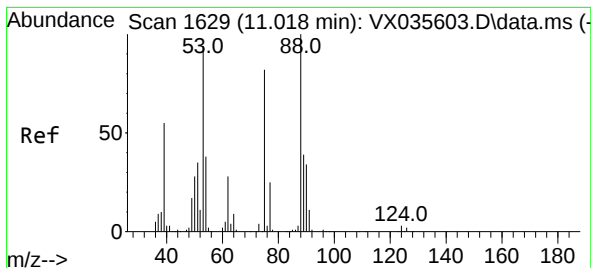
Tgt Ion: 105 Resp: 22599

Ion Ratio Lower Upper

105 100

120 46.1 23.7 71.1

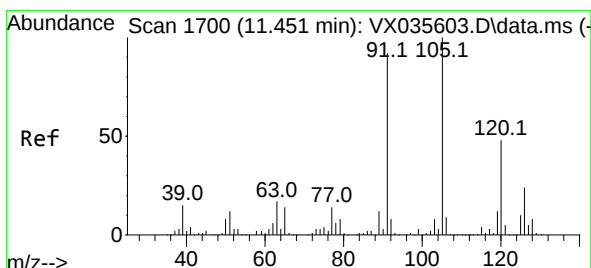
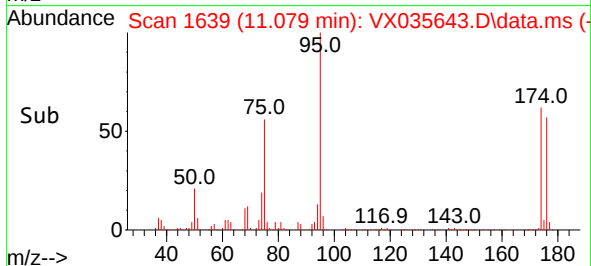
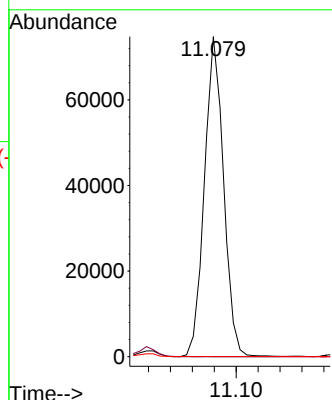
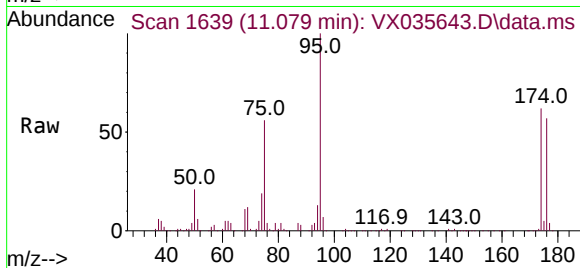




#81
trans-1,4-Dichloro-2-butene
Concen: 85.250 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

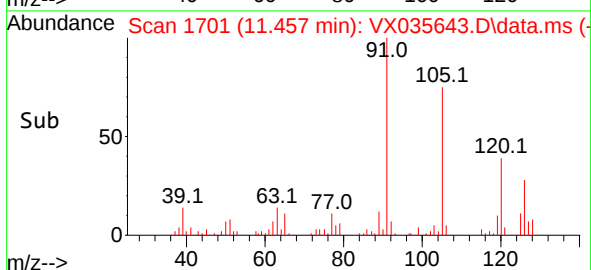
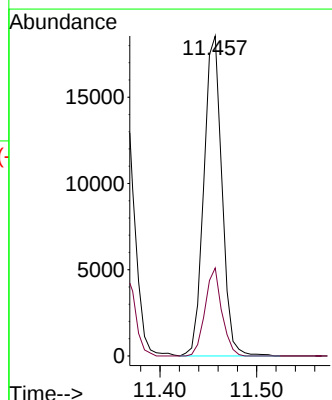
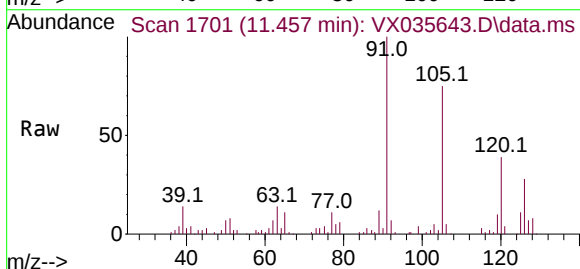
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

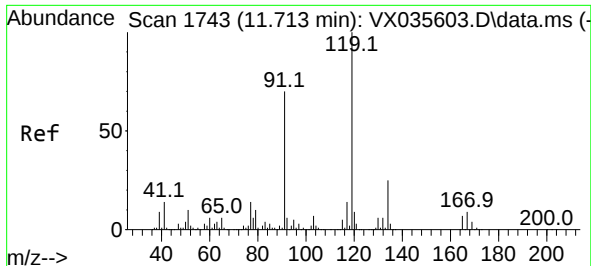
Tgt Ion: 75 Resp: 90757
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 2.409 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 91 Resp: 24135
Ion Ratio Lower Upper
91 100
126 25.5 14.2 42.6

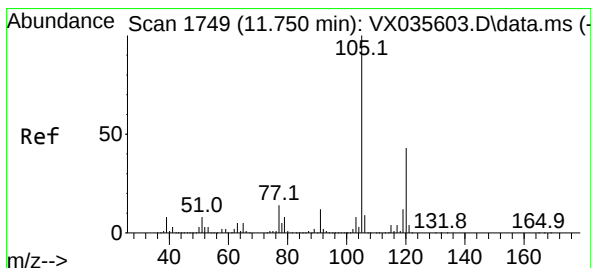
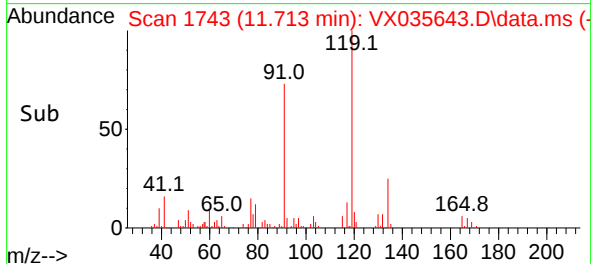
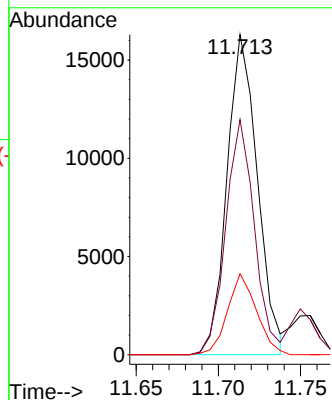
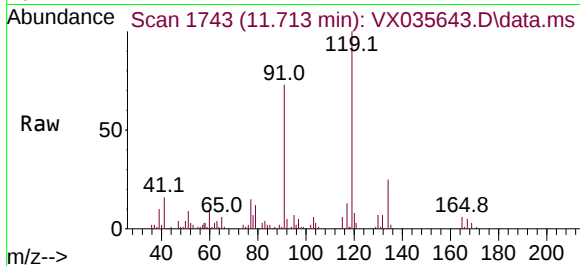




#83
tert-Butylbenzene
Concen: 2.149 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

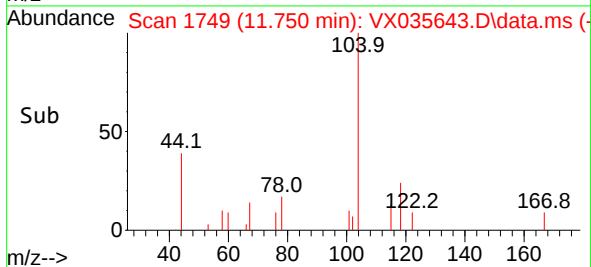
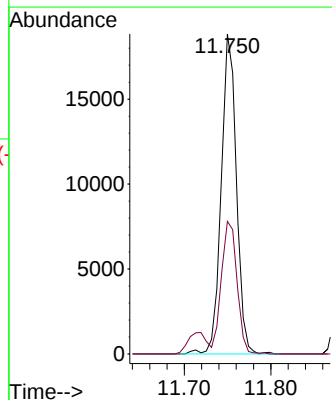
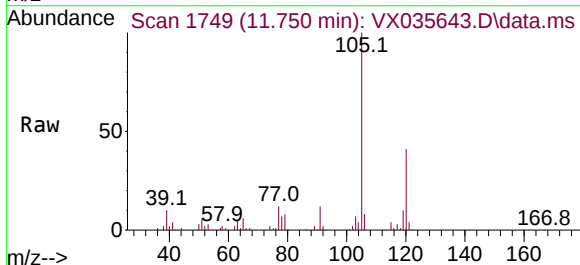
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

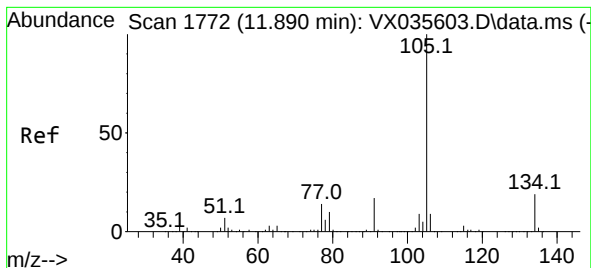
Tgt Ion:119 Resp: 20990
Ion Ratio Lower Upper
119 100
91 69.6 30.6 92.0
134 24.1 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 2.271 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion:105 Resp: 22904
Ion Ratio Lower Upper
105 100
120 42.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 2.094 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

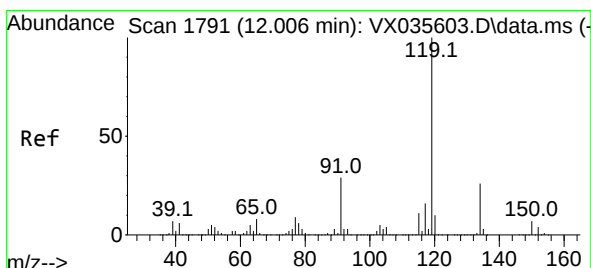
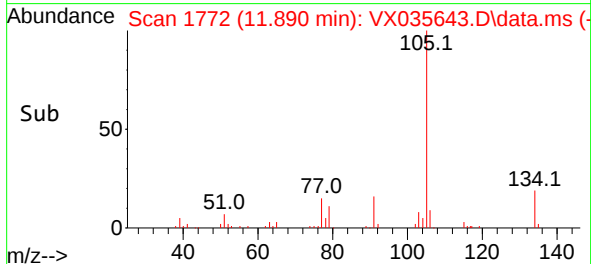
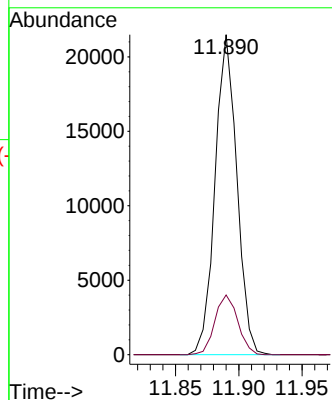
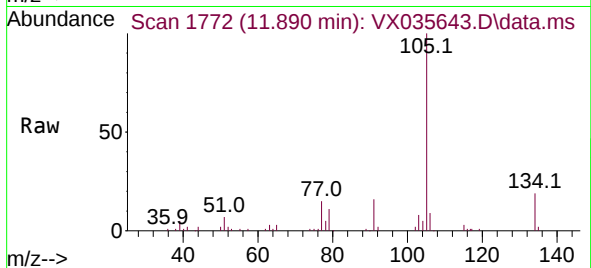
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 25675

Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 2.036 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

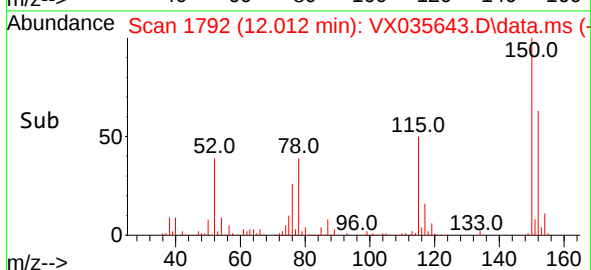
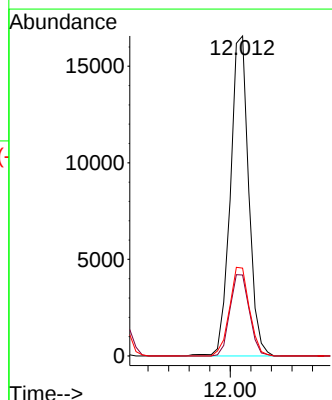
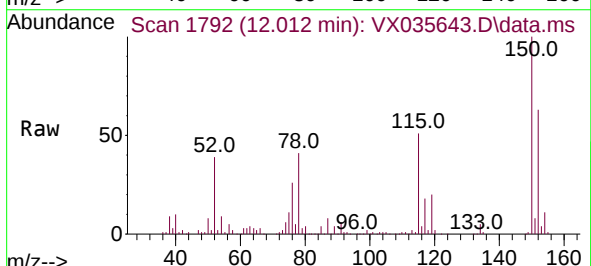
Tgt Ion:119 Resp: 20525

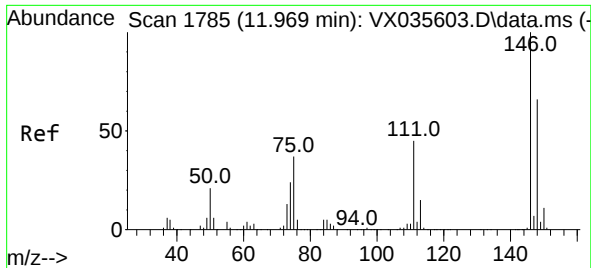
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 29.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 2.264 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

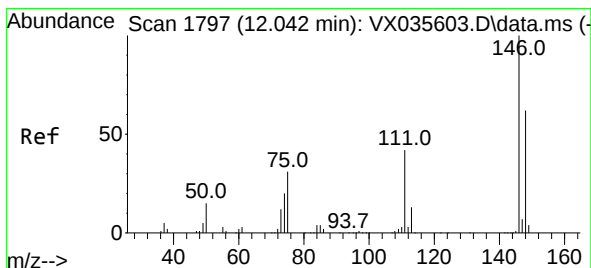
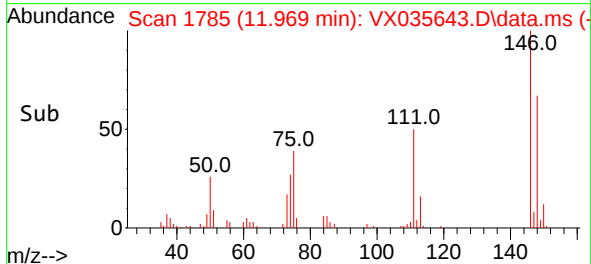
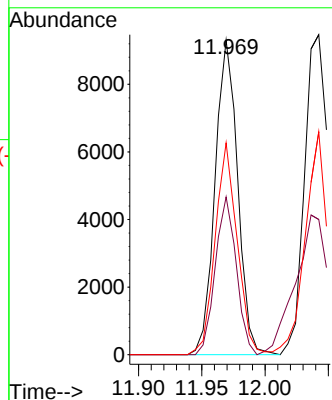
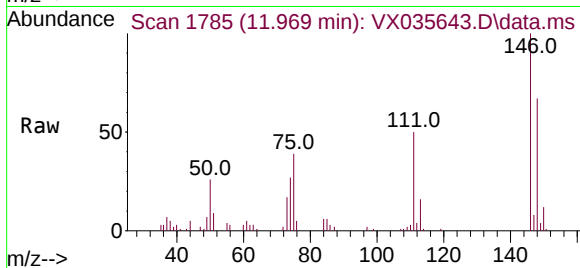
Tgt Ion:146 Resp: 11539

Ion Ratio Lower Upper

146 100

111 46.7 20.9 62.8

148 65.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 2.432 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

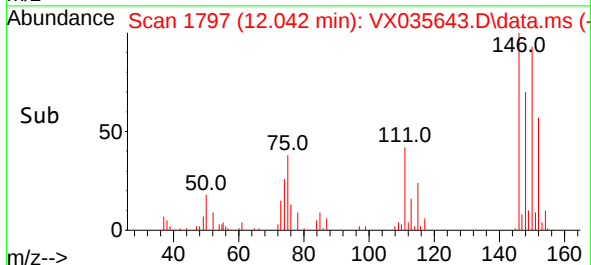
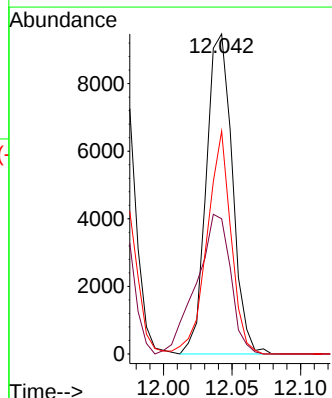
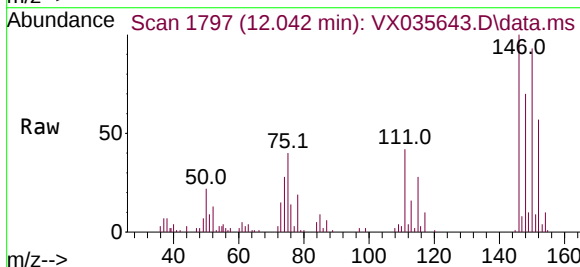
Tgt Ion:146 Resp: 12516

Ion Ratio Lower Upper

146 100

111 57.1 20.6 61.9

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 1.826 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

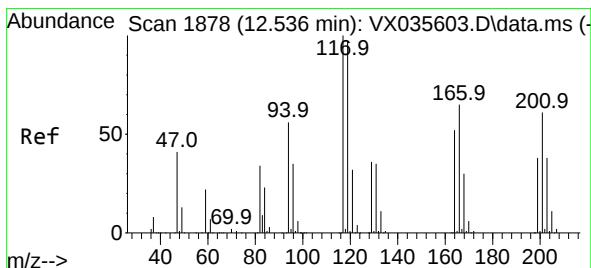
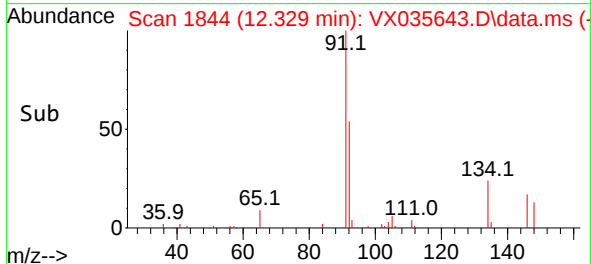
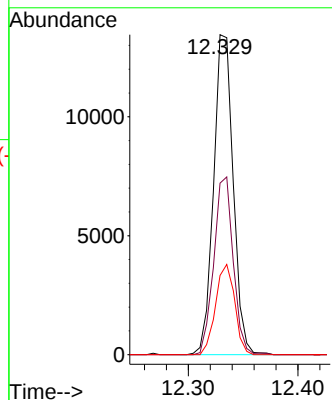
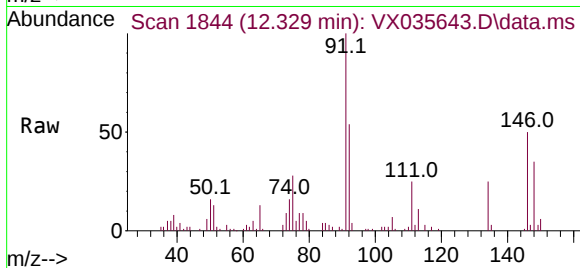
Tgt Ion: 91 Resp: 16743

Ion Ratio Lower Upper

91 100

92 54.9 27.7 83.0

134 27.5 13.0 38.9



#90

Hexachloroethane

Concen: 1.760 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035643.D

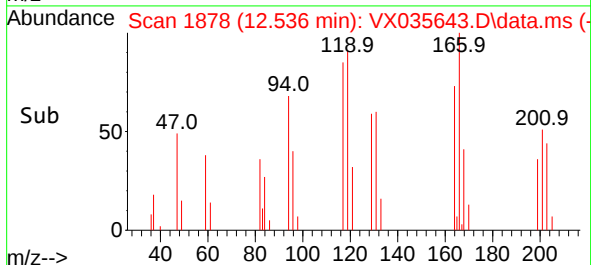
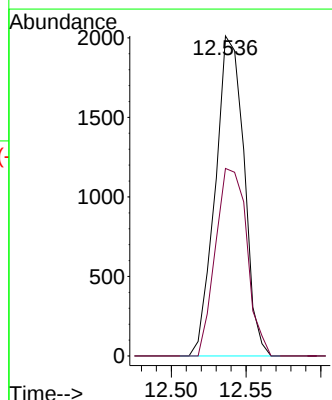
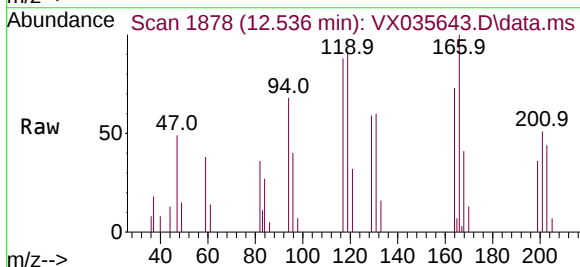
Acq: 12 May 2023 17:14

Tgt Ion: 117 Resp: 2689

Ion Ratio Lower Upper

117 100

201 64.1 34.4 103.1

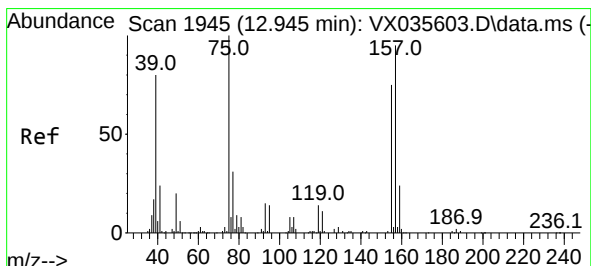
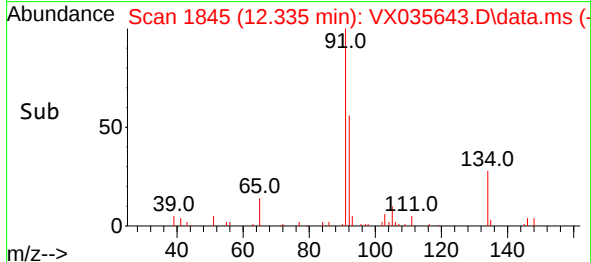
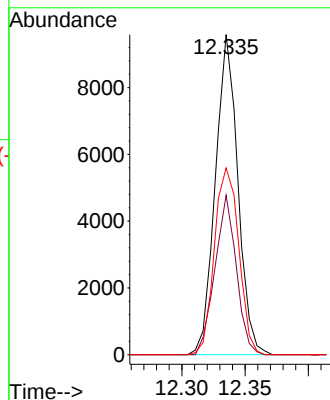
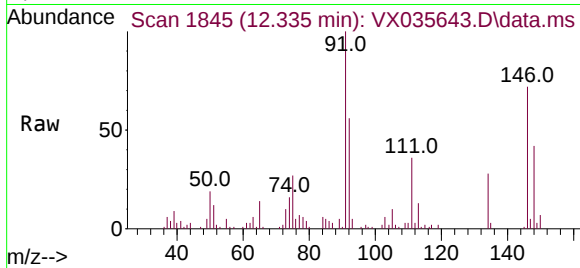




#91
1,2-Dichlorobenzene
Concen: 2.373 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

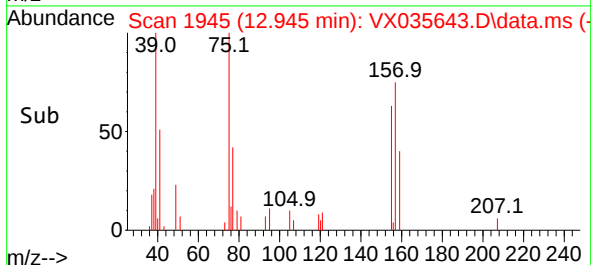
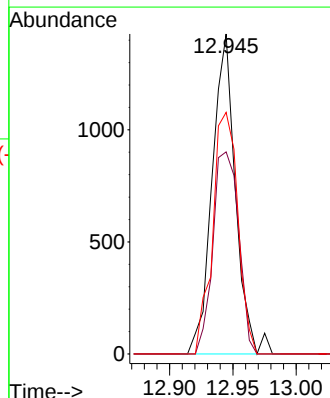
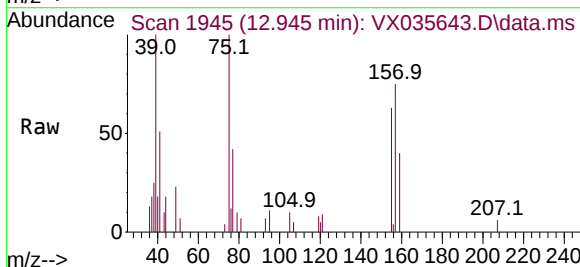
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

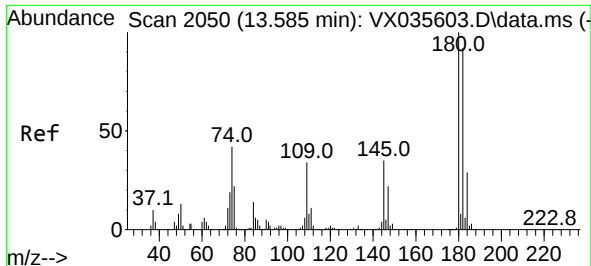
Tgt Ion:146 Resp: 11841
Ion Ratio Lower Upper
146 100
111 47.3 22.0 66.0
148 63.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.139 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion: 75 Resp: 1826
Ion Ratio Lower Upper
75 100
155 69.9 38.4 115.1
157 81.7 49.9 149.7

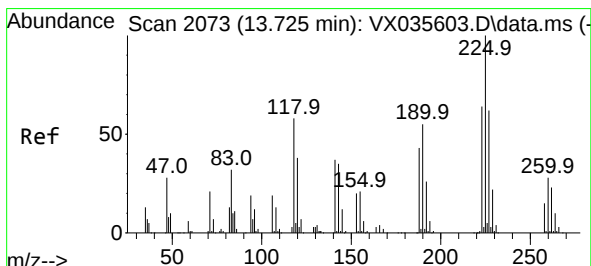
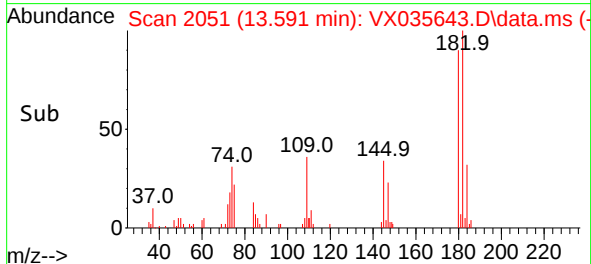
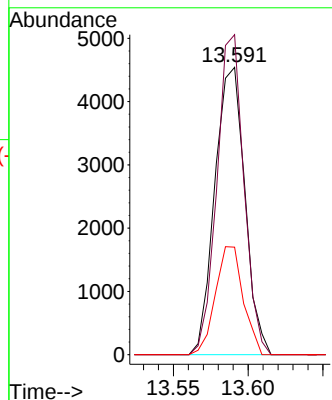
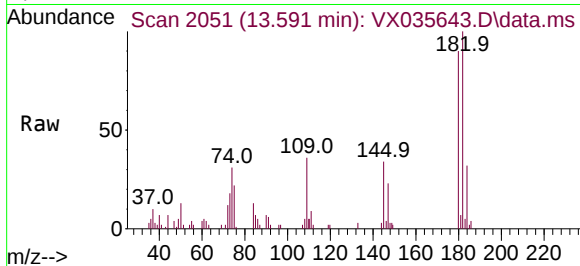




#93
1,2,4-Trichlorobenzene
Concen: 2.113 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

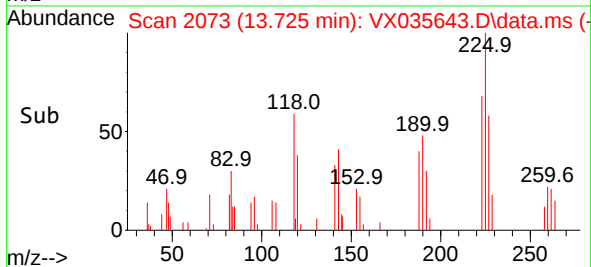
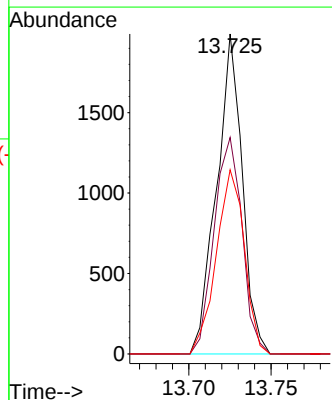
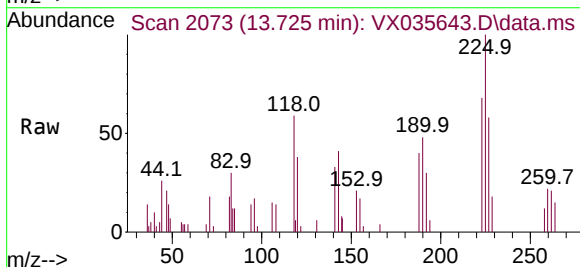
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

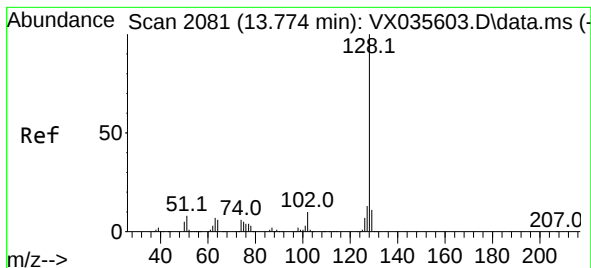
Tgt Ion:180 Resp: 6349
Ion Ratio Lower Upper
180 100
182 99.9 47.0 141.0
145 34.8 15.9 47.7



#94
Hexachlorobutadiene
Concen: 1.809 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035643.D
Acq: 12 May 2023 17:14

Tgt Ion:225 Resp: 2158
Ion Ratio Lower Upper
225 100
223 73.5 32.1 96.5
227 62.8 31.8 95.4





#95

Naphthalene

Concen: 2.446 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

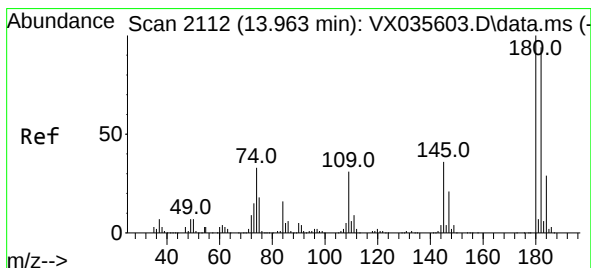
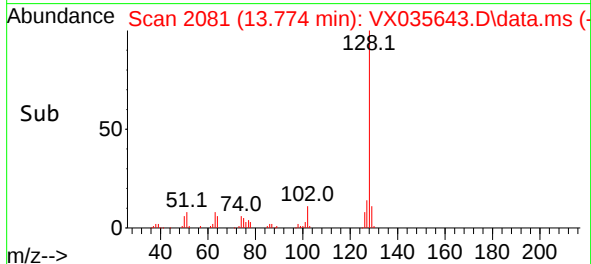
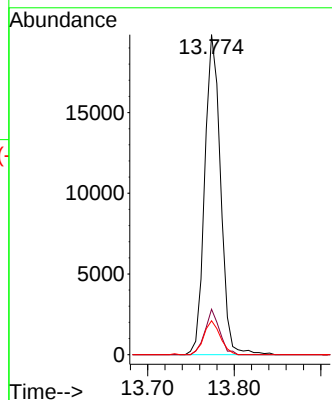
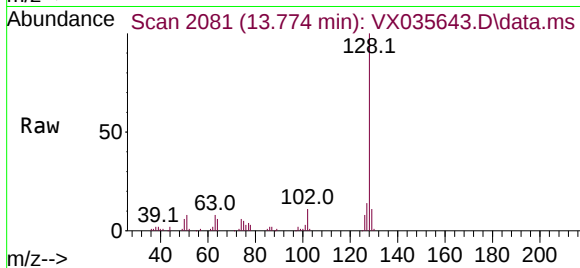
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion:128	Resp:	25171
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	11.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.192 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035643.D

Acq: 12 May 2023 17:14

Tgt Ion:180	Resp:	6479
Ion Ratio	Lower	Upper
180	100	
182	94.0	48.0 144.2
145	36.3	17.7 53.1

