

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036613.D
 Acq On : 21 Jul 2023 16:51
 Operator : JC/MD
 Sample : 03572-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 22 05:12:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95248	42.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.080%
35) Dibromofluoromethane	5.385	113	82610	45.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.647	98	302829	47.408	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.079	95	110562	45.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	1162	0.575	ug/l	97
3) Chloromethane	1.295	50	1415	0.769	ug/l #	82
4) Vinyl Chloride	1.374	62	1038	0.554	ug/l #	80
5) Bromomethane	1.618	94	1144	1.023	ug/l	84
6) Chloroethane	1.691	64	1018	1.118	ug/l #	71
7) Trichlorofluoromethane	1.886	101	1418	0.490	ug/l	87
8) Diethyl Ether	2.136	74	617	0.551	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	896	0.516	ug/l #	78
10) Methyl Iodide	2.453	142	758	0.420	ug/l #	92
11) Tert butyl alcohol	3.008	59	1514	2.823	ug/l #	69
12) 1,1-Dichloroethene	2.319	96	1033	0.603	ug/l #	68
13) Acrolein	2.240	56	1128	3.685	ug/l	93
14) Allyl chloride	2.660	41	1868	0.553	ug/l	88
15) Acrylonitrile	3.075	53	2812	2.607	ug/l	99
16) Acetone	2.398	43	3102	3.300	ug/l	95
17) Carbon Disulfide	2.514	76	3158	0.667	ug/l	95
18) Methyl Acetate	2.709	43	2303	0.582	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	2793	0.434	ug/l	94
20) Methylene Chloride	2.788	84	1671	0.799	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	1266	0.661	ug/l	90
22) Diisopropyl ether	3.764	45	3360	0.524	ug/l #	95
23) Vinyl Acetate	3.733	43	10526	2.141	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1769	0.492	ug/l #	88
25) 2-Butanone	4.587	43	4517	2.962	ug/l	98
26) 2,2-Dichloropropane	4.471	77	1822	0.538	ug/l #	77
27) cis-1,2-Dichloroethene	4.495	96	1368	0.601	ug/l	70
28) Bromochloromethane	4.904	49	813	0.468	ug/l #	89
29) Tetrahydrofuran	5.032	42	2845	2.893	ug/l	94
30) Chloroform	5.099	83	2277	0.619	ug/l	96
31) Cyclohexane	5.458	56	2142	0.683	ug/l #	74
32) 1,1,1-Trichloroethane	5.391	97	1792	0.532	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	1489	0.555	ug/l #	93
37) Ethyl Acetate	4.715	43	834	0.274	ug/l #	57
38) Carbon Tetrachloride	5.666	117	516	0.181	ug/l #	89
39) Methylcyclohexane	7.379	83	1891	0.566	ug/l	92
40) Benzene	6.038	78	3641	0.466	ug/l #	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	568	0.349	ug/l #	63
42) 1,2-Dichloroethane	6.080	62	1468	0.514	ug/l	87
43) Isopropyl Acetate	6.349	43	2288	0.437	ug/l	98
44) Trichloroethene	7.129	130	1040	0.509	ug/l	96
45) 1,2-Dichloropropane	7.428	63	1077	0.516	ug/l #	86
46) Dibromomethane	7.586	93	726	0.497	ug/l	94
47) Bromodichloromethane	7.824	83	1496	0.499	ug/l #	77
48) Methyl methacrylate	7.702	41	1239	0.509	ug/l #	65
49) 1,4-Dioxane	7.702	88	491	9.991	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	7258	2.507	ug/l	97
52) Toluene	8.720	92	2638	0.539	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	1438	0.425	ug/l #	79
54) cis-1,3-Dichloropropene	8.366	75	1670	0.467	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	1078	0.524	ug/l	88
56) Ethyl methacrylate	9.122	69	1432	0.427	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	1465	0.428	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	3051	1.848	ug/l	92
59) 2-Hexanone	9.433	43	5912	2.752	ug/l	99
60) Dibromochloromethane	9.519	129	940	0.416	ug/l	98
61) 1,2-Dibromoethane	9.610	107	926	0.434	ug/l	94
64) Tetrachloroethene	9.275	164	831	0.490	ug/l	88
65) Chlorobenzene	10.086	112	2657	0.530	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	899	0.464	ug/l #	64
67) Ethyl Benzene	10.195	91	4887	0.534	ug/l	98
68) m/p-Xylenes	10.305	106	3418	1.000	ug/l	88
69) o-Xylene	10.640	106	1721	0.504	ug/l	96
70) Styrene	10.659	104	2624	0.466	ug/l	98
71) Bromoform	10.799	173	693	0.442	ug/l #	90
73) Isopropylbenzene	10.964	105	4621	0.531	ug/l	99
74) N-amyl acetate	10.842	43	1961	0.483	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	1576	0.536	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1787	0.723	ug/l	93
77) Bromobenzene	11.201	156	1001	0.505	ug/l	92
78) n-propylbenzene	11.305	91	5232	0.520	ug/l	98
79) 2-Chlorotoluene	11.366	91	3243	0.532	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3870	0.532	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	57222	52.466	ug/l #	5
82) 4-Chlorotoluene	11.457	91	3616	0.521	ug/l	96
83) tert-Butylbenzene	11.713	119	3673	0.514	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	3482	0.478	ug/l	97
85) sec-Butylbenzene	11.890	105	4653	0.522	ug/l	98
86) p-Isopropyltoluene	12.006	119	3743	0.510	ug/l #	81
87) 1,3-Dichlorobenzene	11.976	146	1897	0.517	ug/l	99
88) 1,4-Dichlorobenzene	11.976	146	1897	0.521	ug/l	98
89) n-Butylbenzene	12.329	91	3448	0.525	ug/l	97
90) Hexachloroethane	12.536	117	735	0.494	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	1874	0.529	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	306	0.448	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	1130	0.518	ug/l	90
94) Hexachlorobutadiene	13.725	225	420	0.465	ug/l	67
95) Naphthalene	13.774	128	3805	0.501	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1058	0.492	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

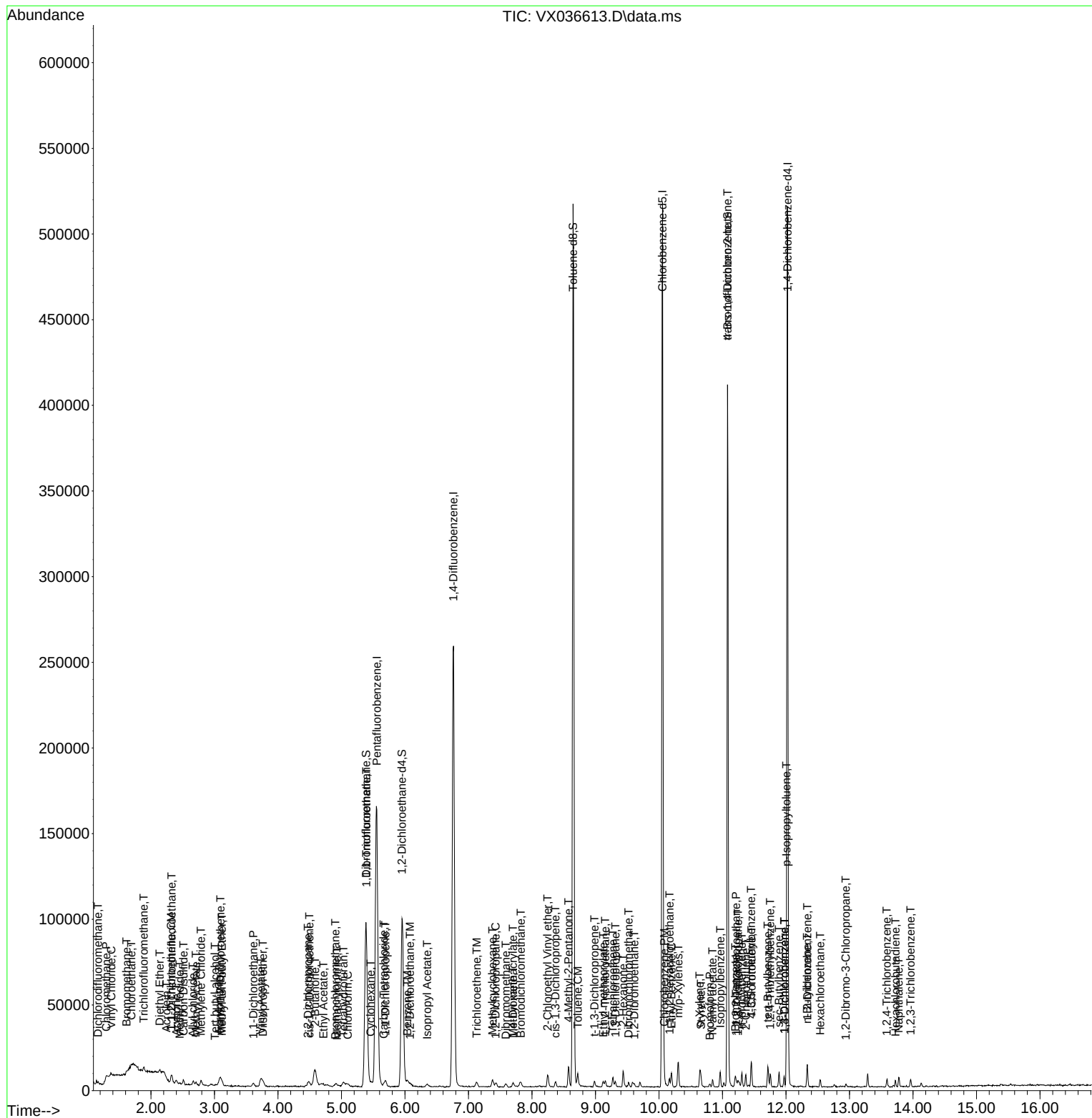
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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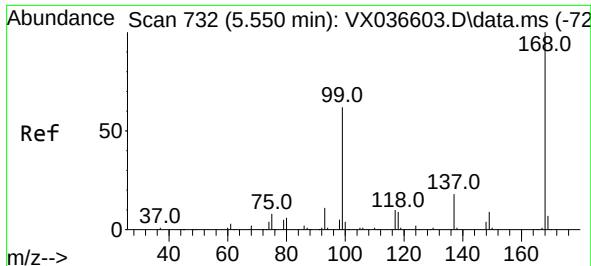
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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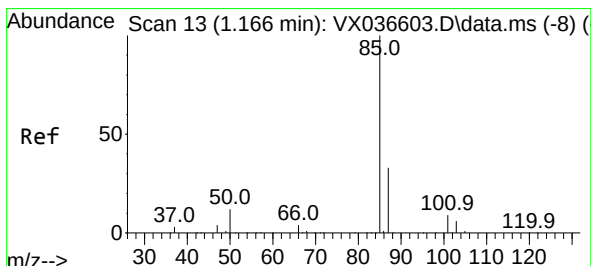
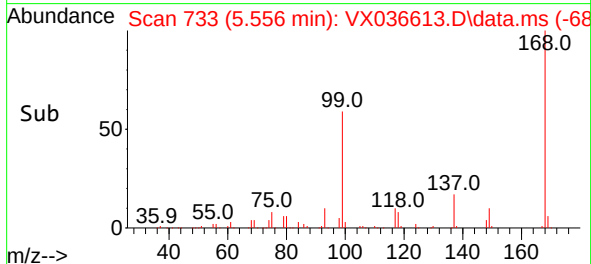
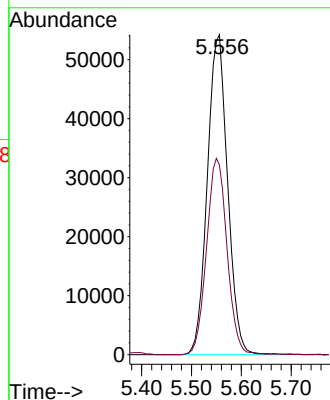
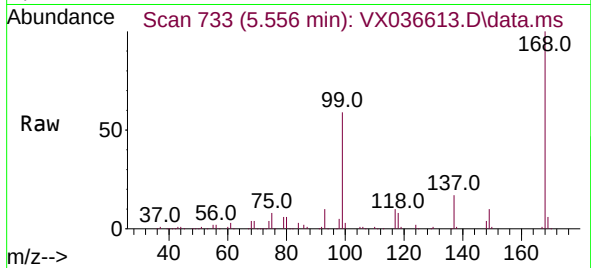




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036613.D
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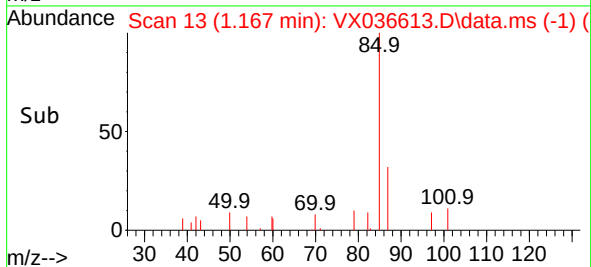
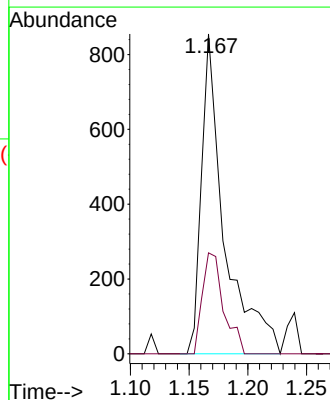
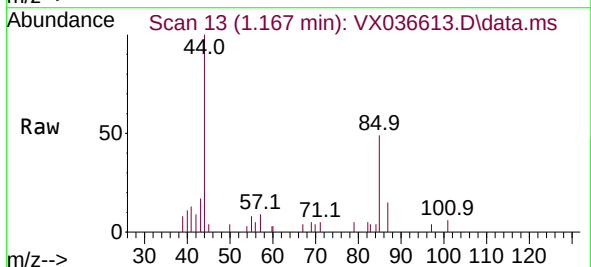
Instrument :
MSVOA_X
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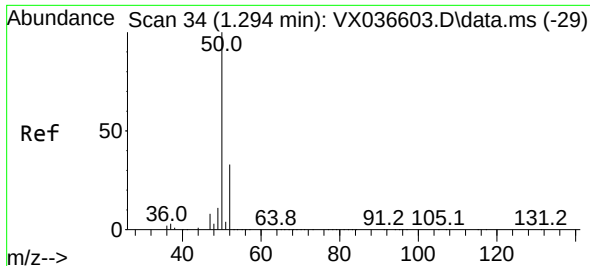
Tgt Ion:168 Resp: 153104
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.575 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 85 Resp: 1162
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1

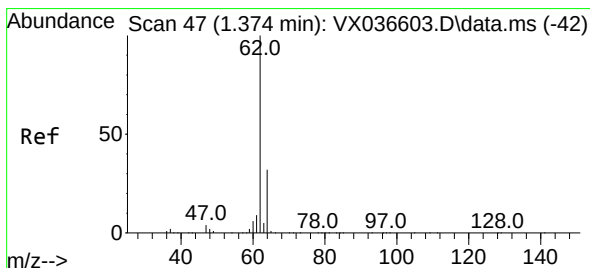
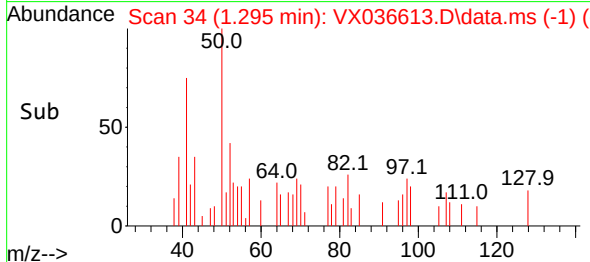
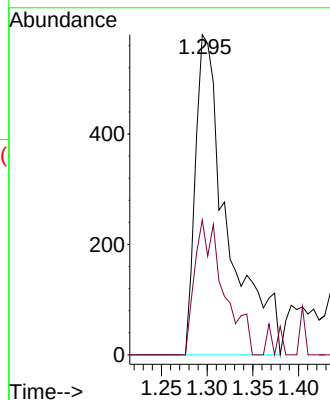
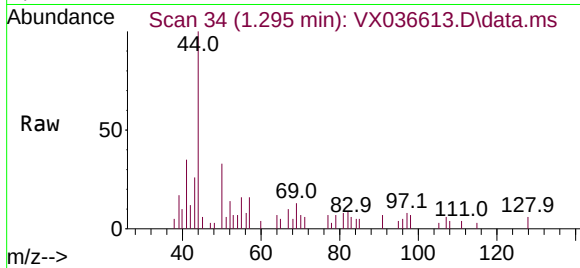




#3
Chloromethane
Concen: 0.769 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

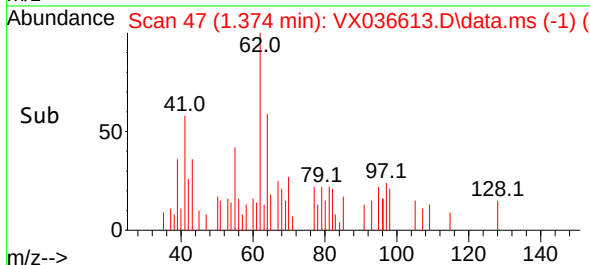
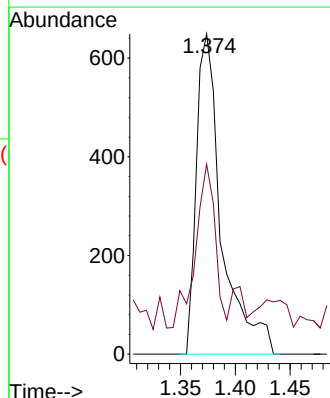
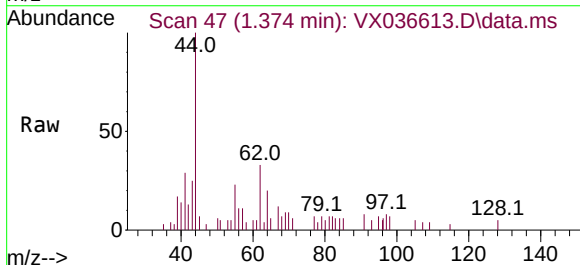
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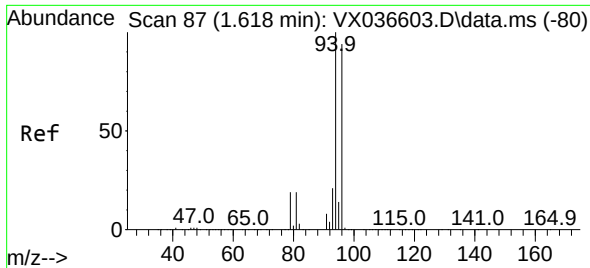
Tgt Ion: 50 Resp: 1415
Ion Ratio Lower Upper
50 100
52 42.1 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.554 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 62 Resp: 1038
Ion Ratio Lower Upper
62 100
64 42.5 25.4 38.0#

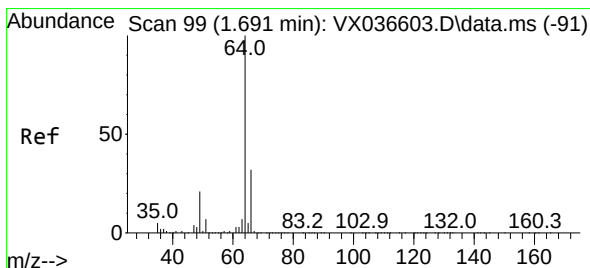
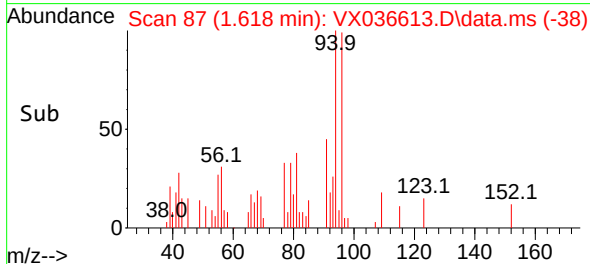
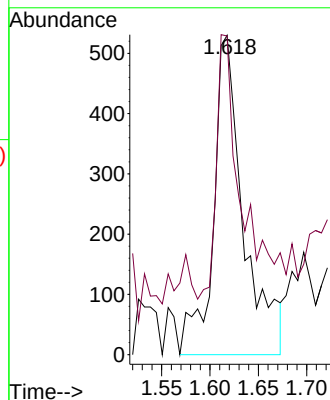
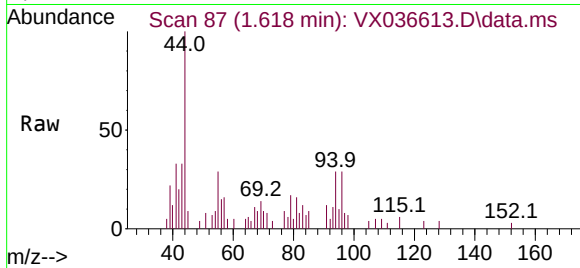




#5
Bromomethane
Concen: 1.023 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036613.D
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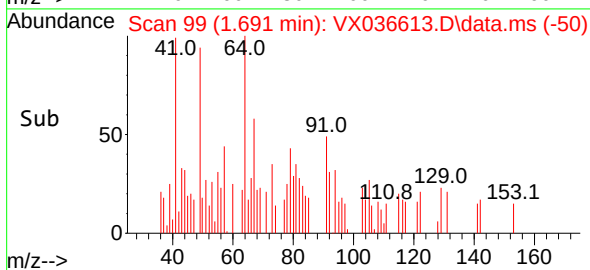
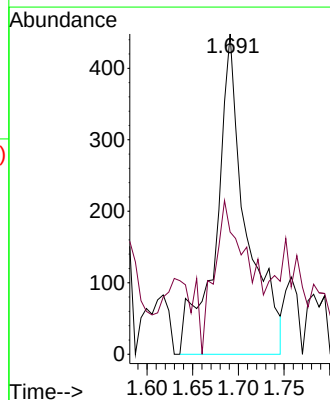
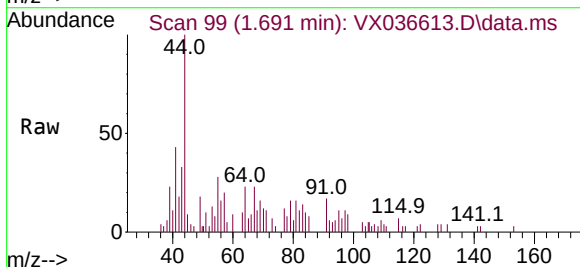
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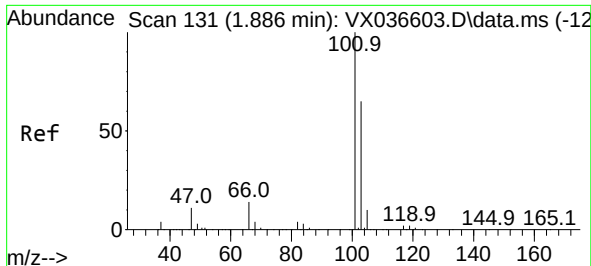
Tgt Ion: 94 Resp: 1144
Ion Ratio Lower Upper
94 100
96 77.4 74.6 111.8



#6
Chloroethane
Concen: 1.118 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 1018
Ion Ratio Lower Upper
64 100
66 15.4 25.1 37.7#

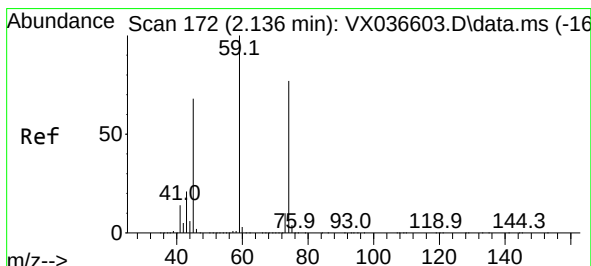
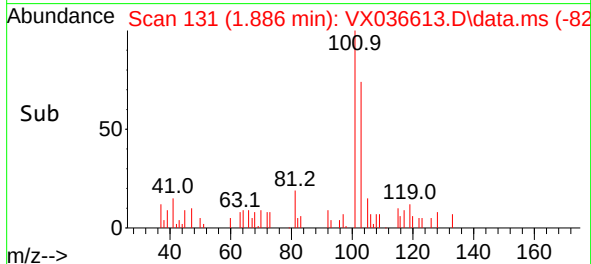
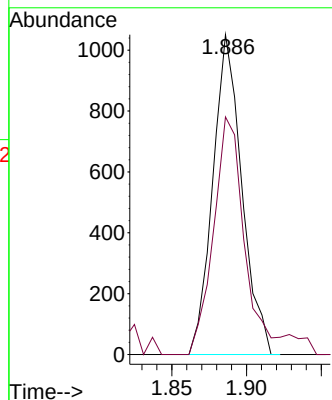
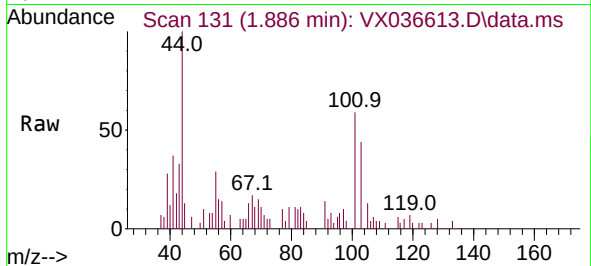




#7
 Trichlorofluoromethane
 Concen: 0.490 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

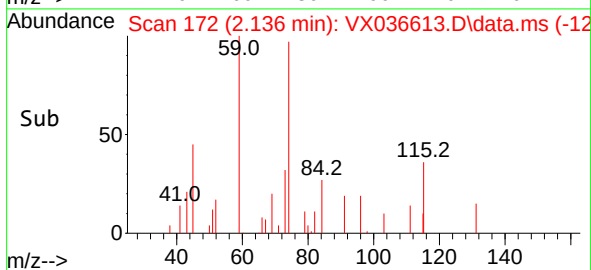
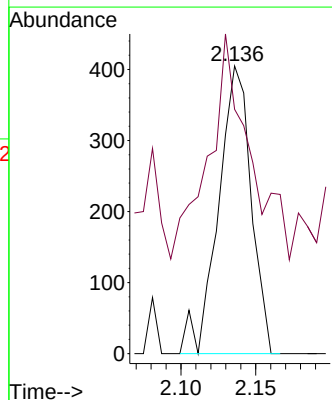
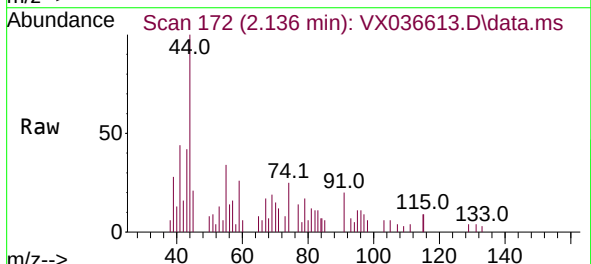
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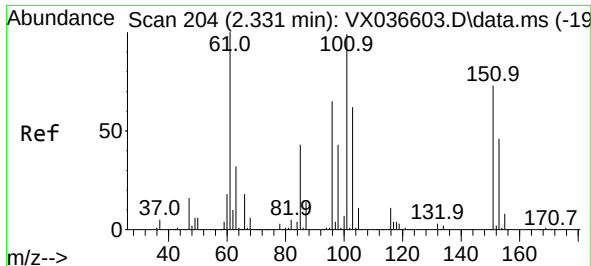
Tgt Ion:101 Resp: 1418
 Ion Ratio Lower Upper
 101 100
 103 74.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 0.551 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036613.D
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Tgt Ion: 74 Resp: 617
 Ion Ratio Lower Upper
 74 100
 45 96.8 53.3 159.8

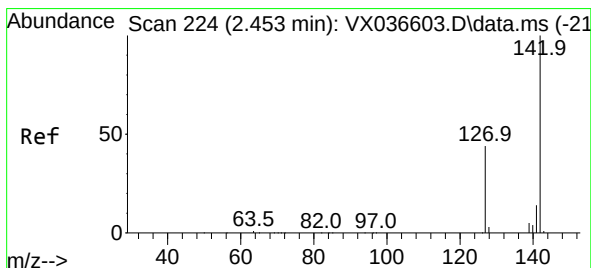
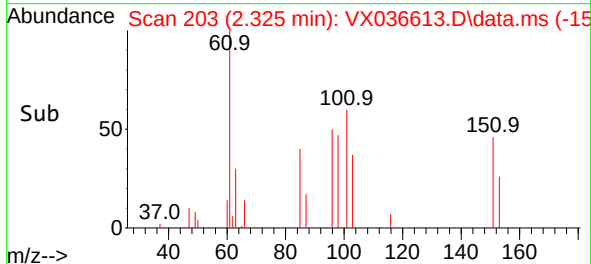
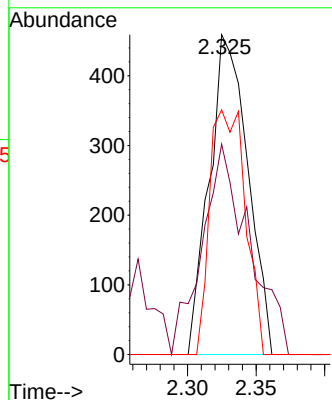
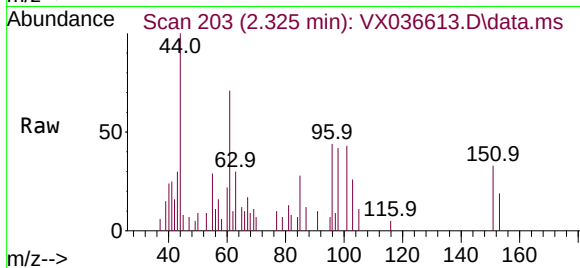




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.516 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

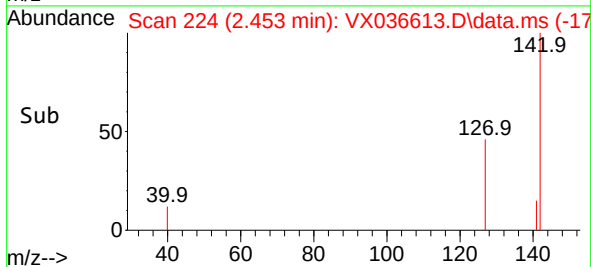
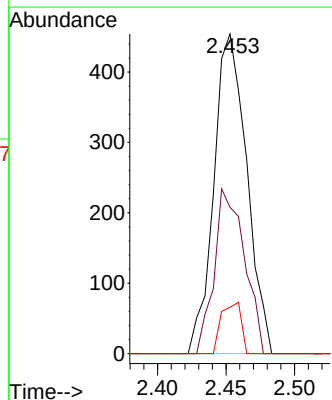
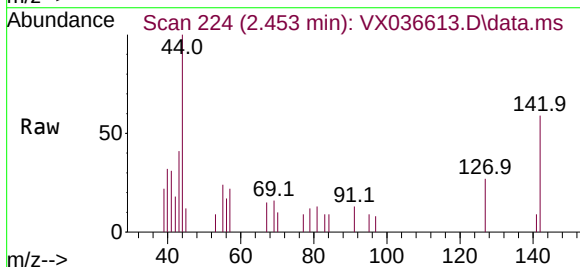
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

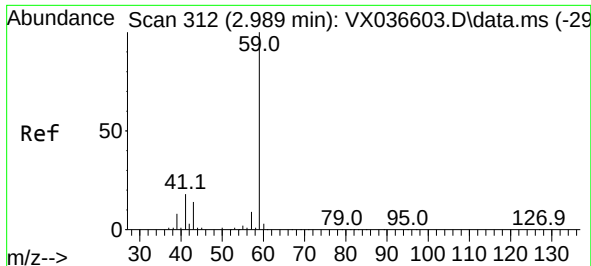
Tgt Ion:101 Resp: 896
Ion Ratio Lower Upper
101 100
85 80.4 37.0 55.6#
151 71.0 58.6 87.8



#10
Methyl Iodide
Concen: 0.420 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion:142 Resp: 758
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 9.6 11.6 17.4#

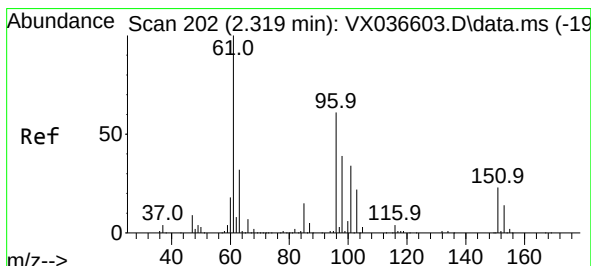
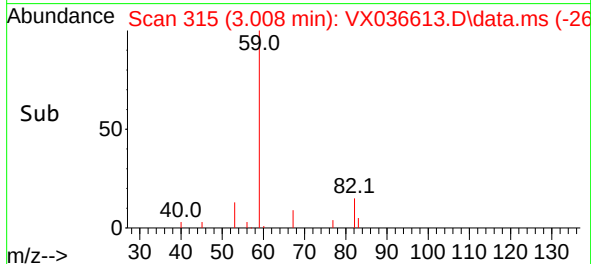
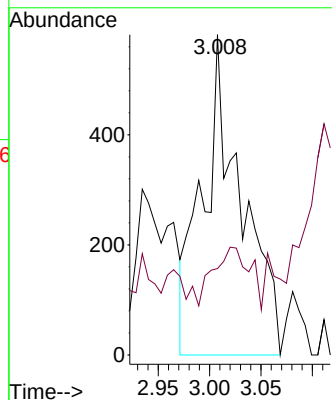
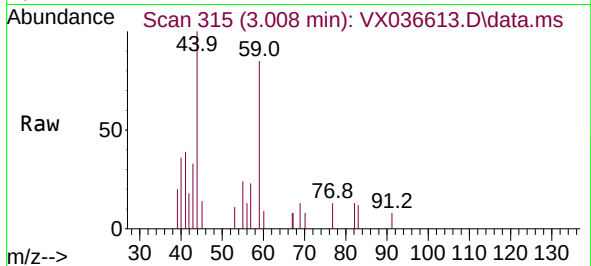




#11
Tert butyl alcohol
Concen: 2.823 ug/l
RT: 3.008 min Scan# 312
Delta R.T. 0.018 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

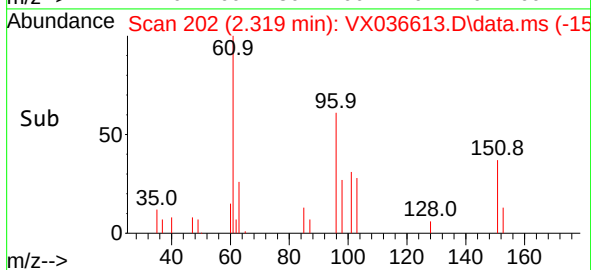
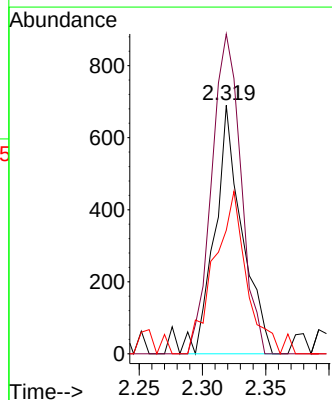
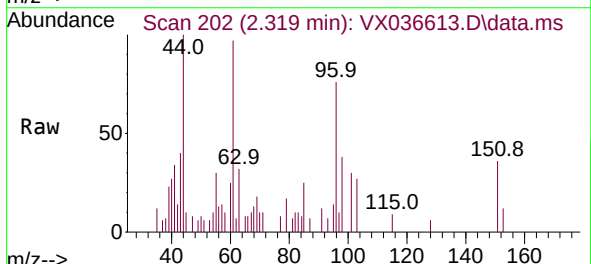
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

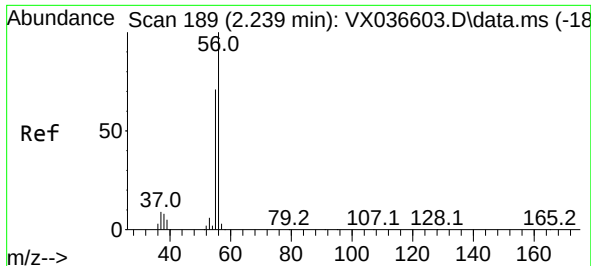
Tgt Ion: 59 Resp: 1514
Ion Ratio Lower Upper
59 100
57 18.4 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.603 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 96 Resp: 1033
Ion Ratio Lower Upper
96 100
61 128.7 144.6 216.8#
98 49.7 50.4 75.6#





#13

Acrolein

Concen: 3.685 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

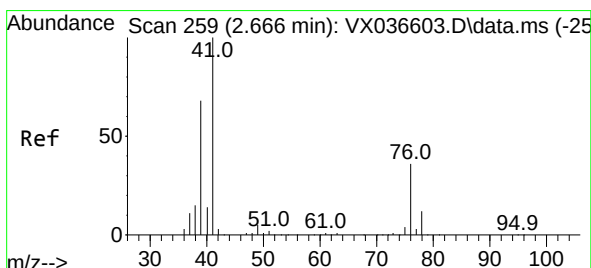
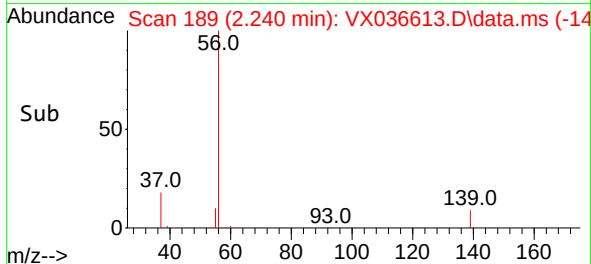
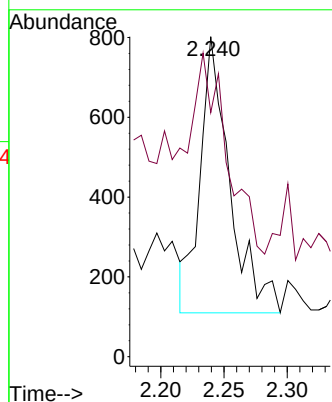
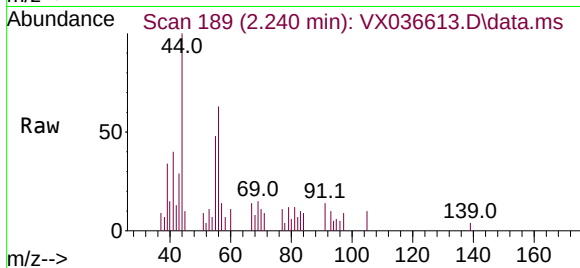
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 56 Resp: 1128

Ion Ratio Lower Upper

56 100

55 77.5 57.1 85.7



#14

Allyl chloride

Concen: 0.553 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

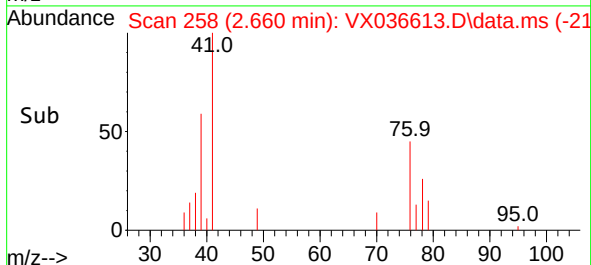
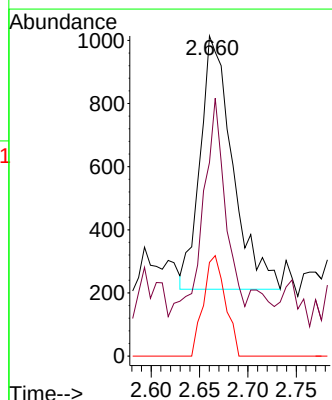
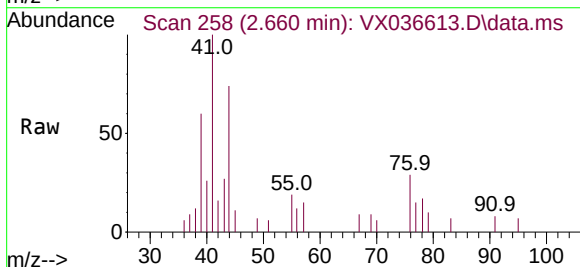
Tgt Ion: 41 Resp: 1868

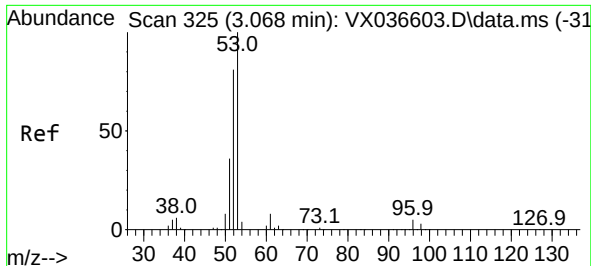
Ion Ratio Lower Upper

41 100

39 58.2 55.8 83.6

76 26.9 24.3 36.5

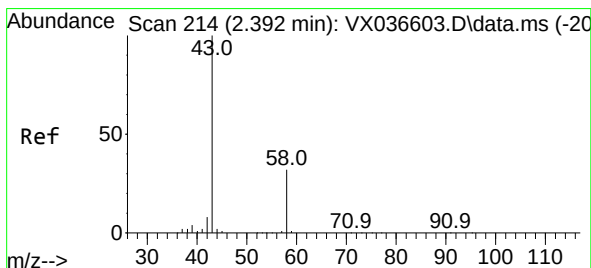
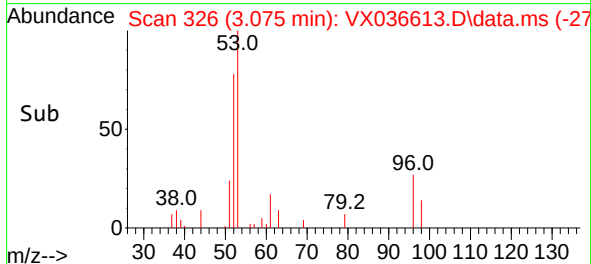
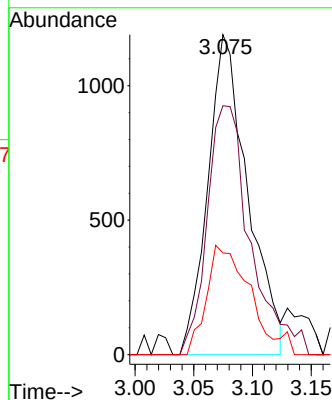
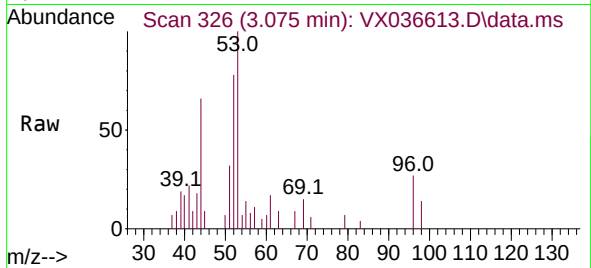




#15
Acrylonitrile
Concen: 2.607 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

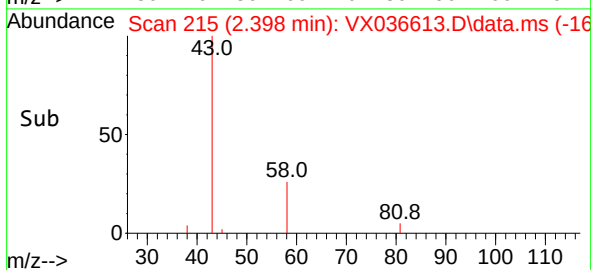
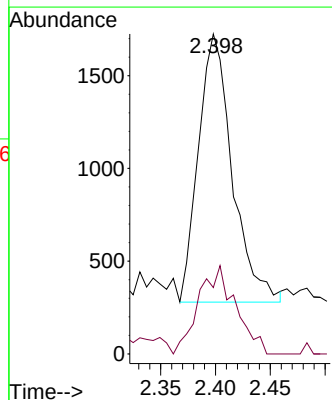
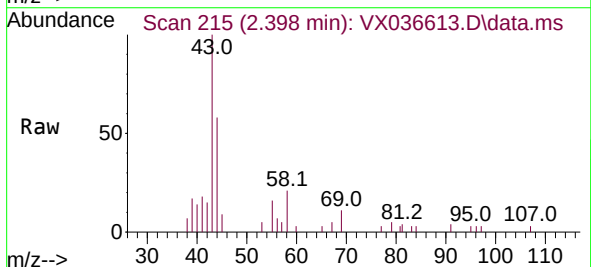
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

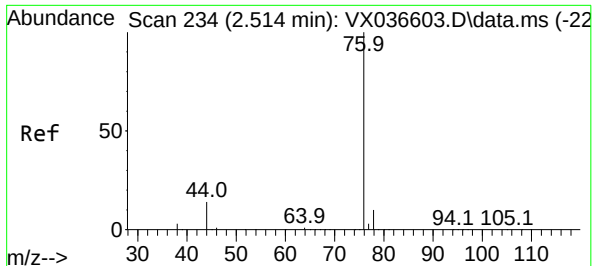
Tgt Ion:	53	Resp:	2812
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.0	99.0
51	37.3	29.8	44.6



#16
Acetone
Concen: 3.300 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion:	43	Resp:	3102
Ion	Ratio	Lower	Upper
43	100		
58	24.8	21.9	32.9

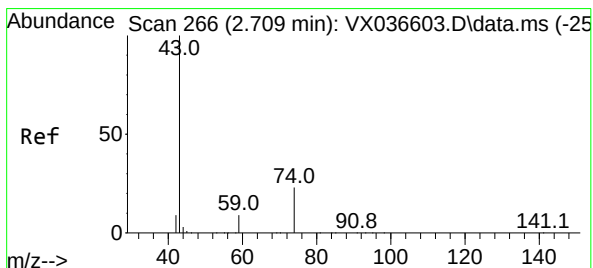
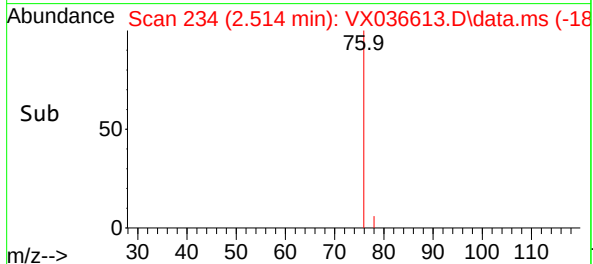
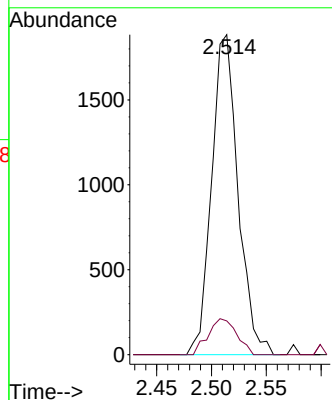
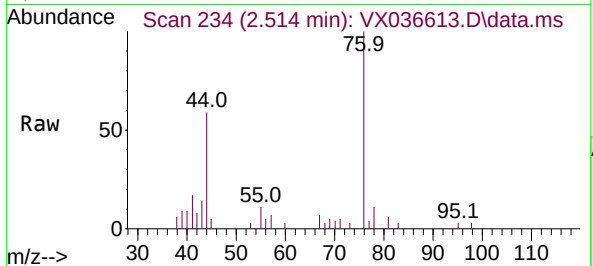




#17
Carbon Disulfide
Concen: 0.667 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

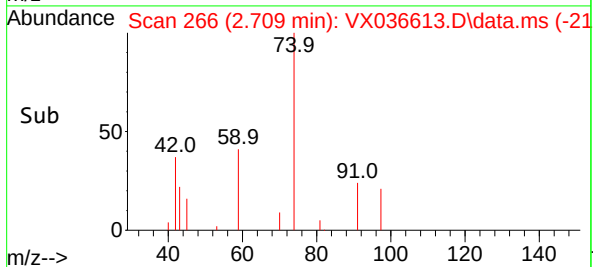
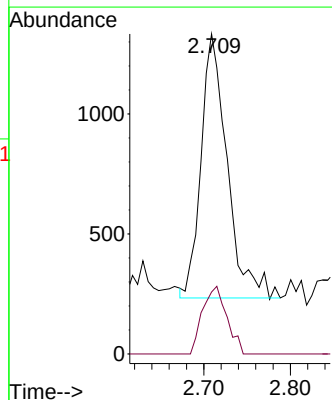
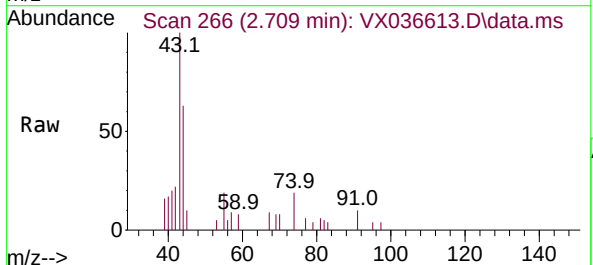
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

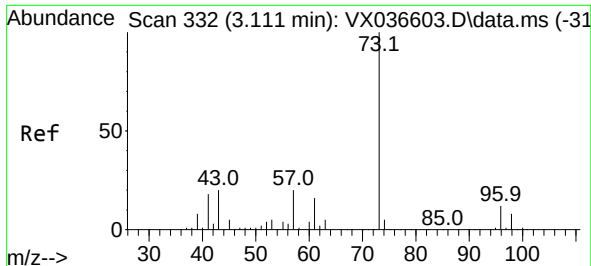
Tgt Ion: 76 Resp: 3158
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6



#18
Methyl Acetate
Concen: 0.582 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.8

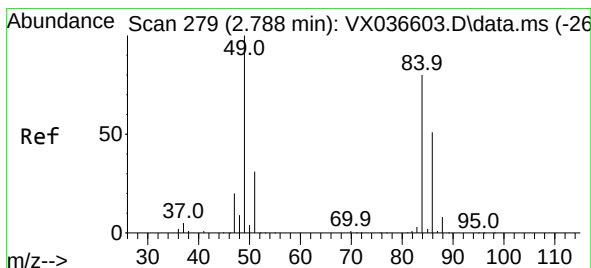
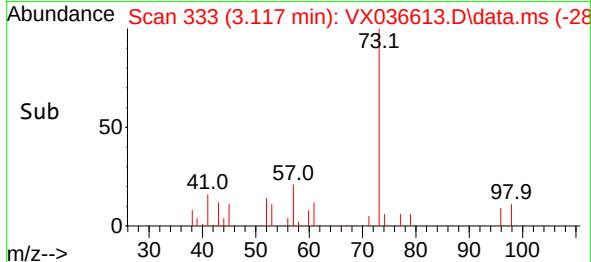
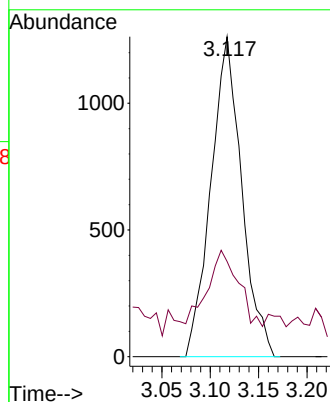
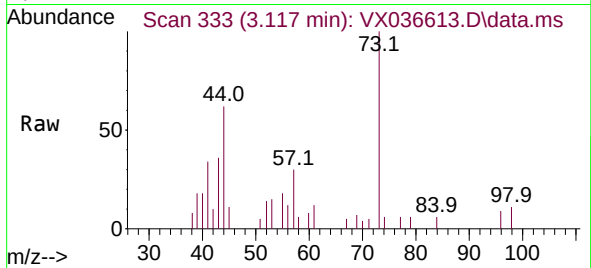




#19
Methyl tert-butyl Ether
Concen: 0.434 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

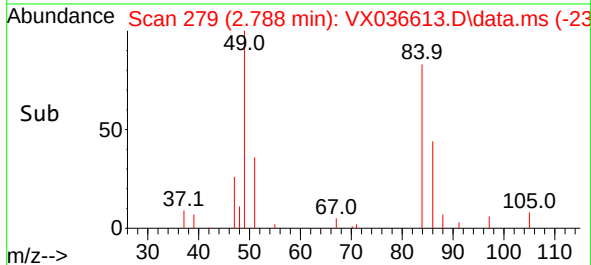
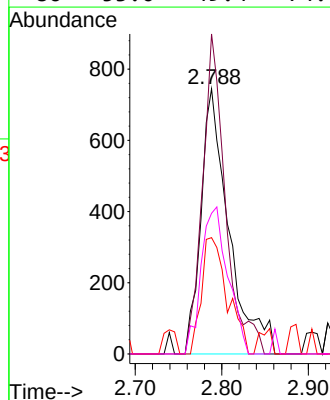
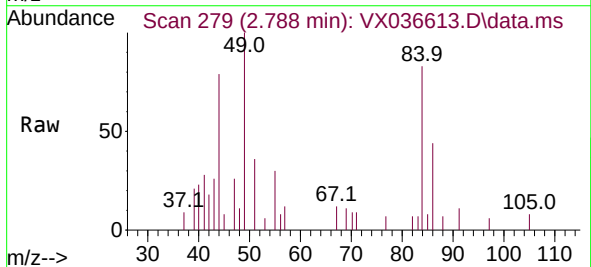
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

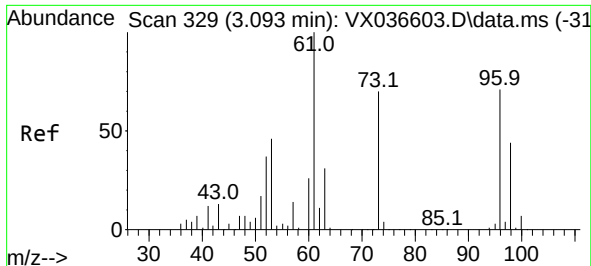
Tgt Ion: 73 Resp: 2793
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9



#20
Methylene Chloride
Concen: 0.799 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 84 Resp: 1671
Ion Ratio Lower Upper
84 100
49 120.7 103.6 155.4
51 43.9 33.8 50.6
86 53.0 49.4 74.0

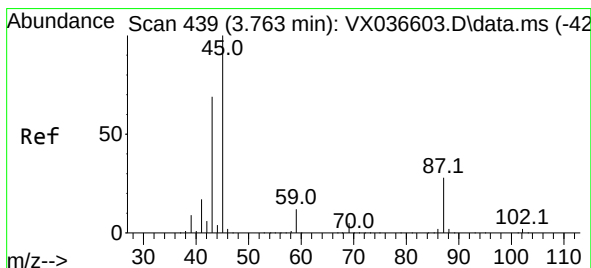
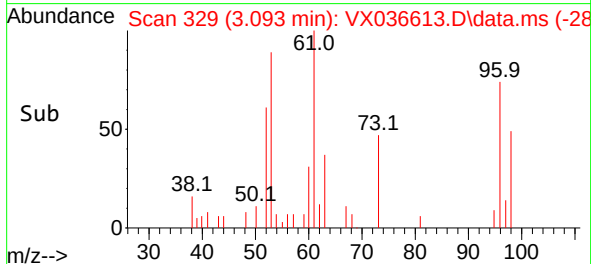
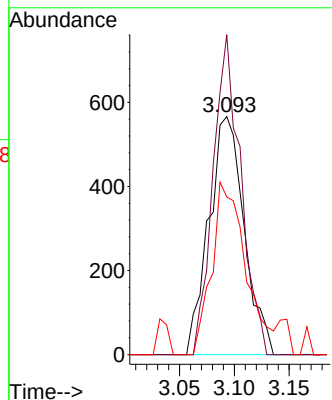
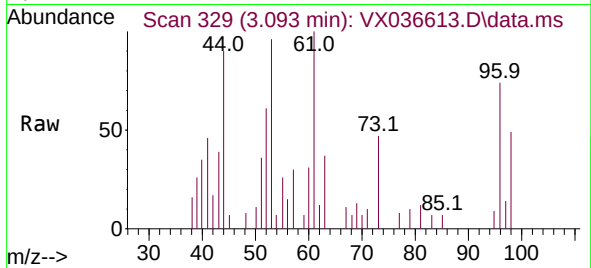




#21
trans-1,2-Dichloroethene
Concen: 0.661 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

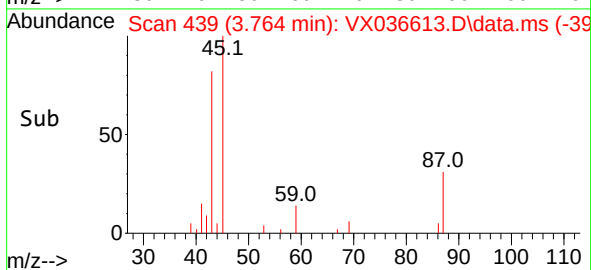
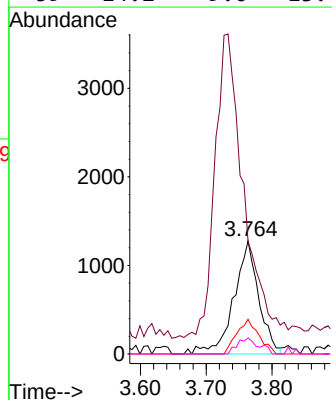
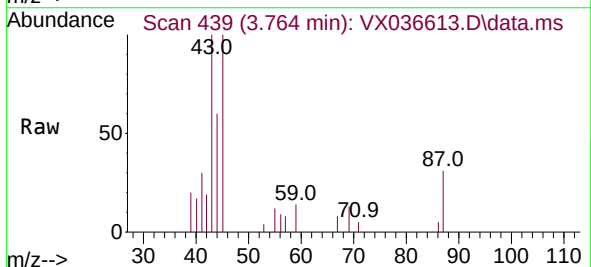
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

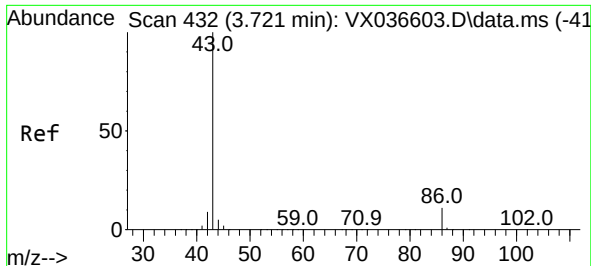
Tgt Ion: 96 Resp: 1266
Ion Ratio Lower Upper
96 100
61 134.5 119.2 178.8
98 66.3 48.7 73.1



#22
Diisopropyl ether
Concen: 0.524 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 45 Resp: 3360
Ion Ratio Lower Upper
45 100
43 83.7 69.7 104.5
87 30.6 20.8 31.2
59 14.2 9.0 13.4

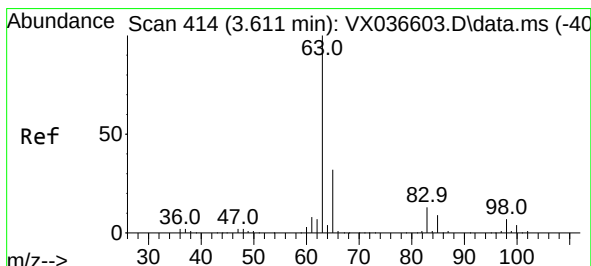
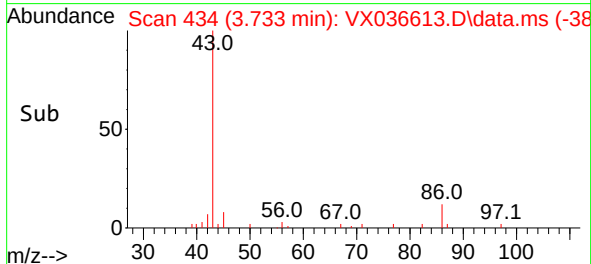
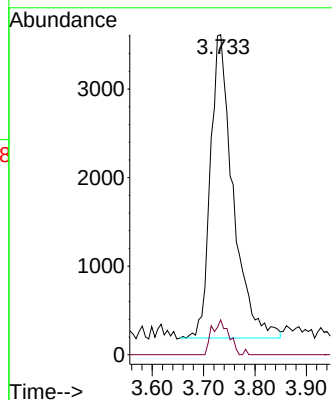
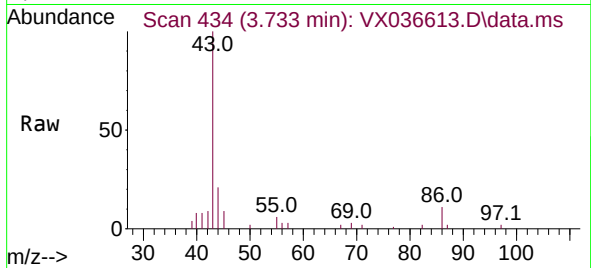




#23
 Vinyl Acetate
 Concen: 2.141 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

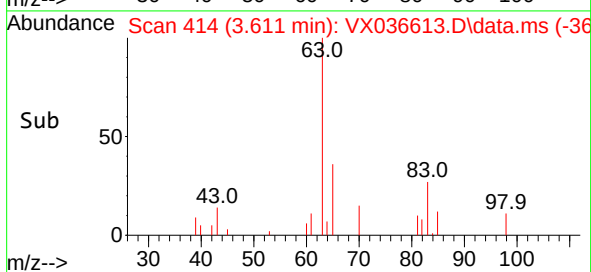
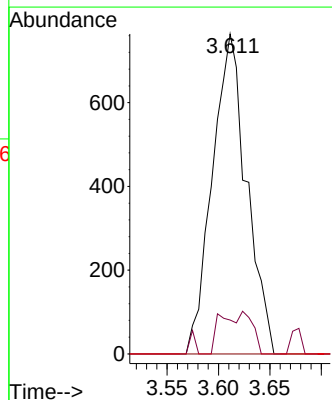
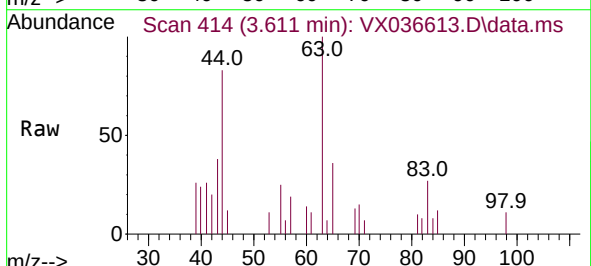
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

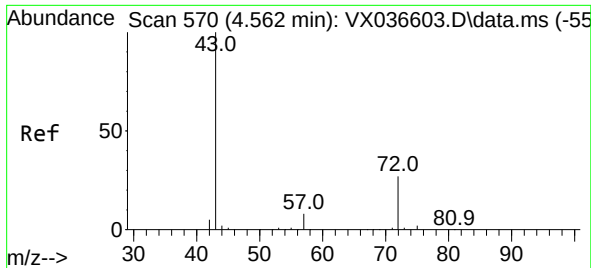
Tgt Ion: 43 Resp: 10526
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 0.492 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

Tgt Ion: 63 Resp: 1769
 Ion Ratio Lower Upper
 63 100
 98 10.6 3.3 9.8#
 100 0.0 2.1 6.5#

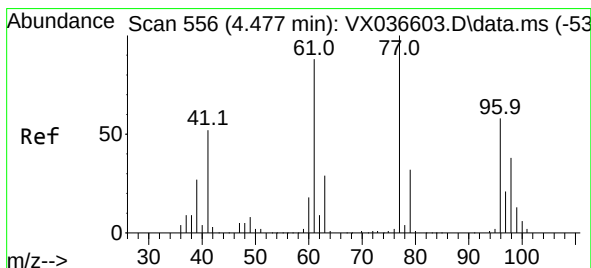
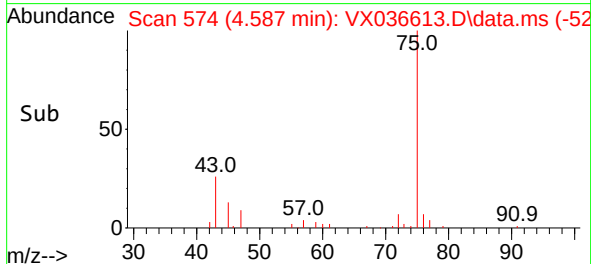
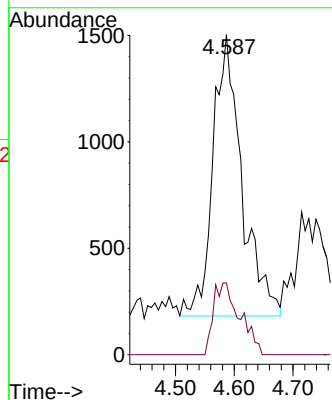
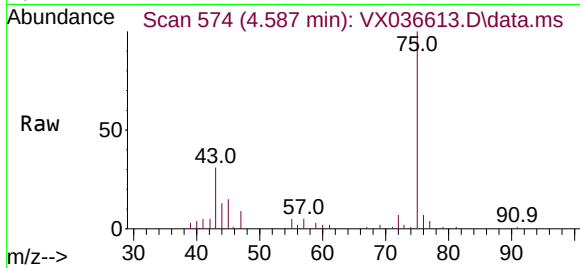




#25
2-Butanone
Concen: 2.962 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

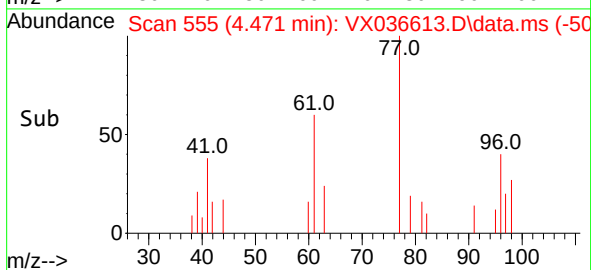
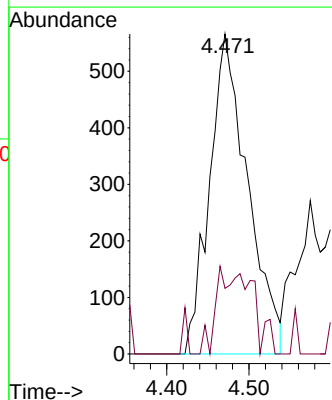
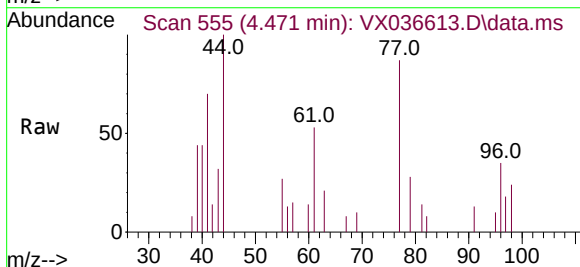
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

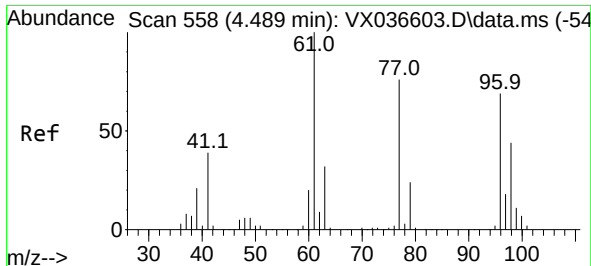
Tgt Ion: 43 Resp: 4517
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.538 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 77 Resp: 1822
Ion Ratio Lower Upper
77 100
97 10.5 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.601 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

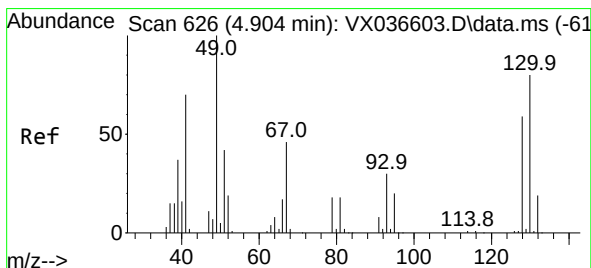
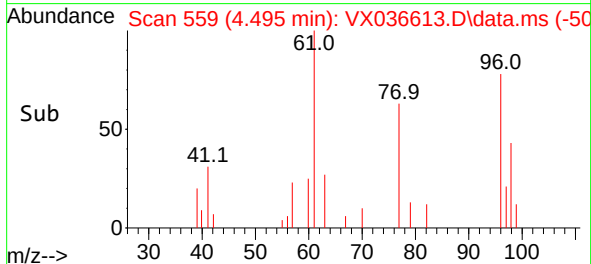
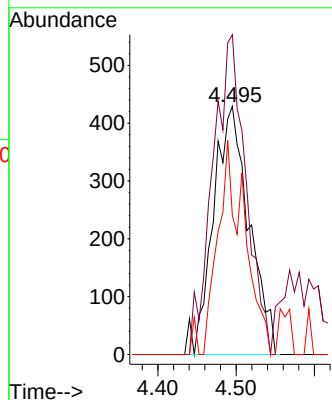
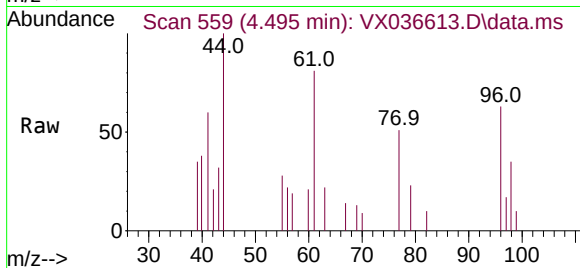
Tgt Ion: 96 Resp: 1368

Ion Ratio Lower Upper

96 100

61 118.2 0.0 312.2

98 40.6 0.0 129.0



#28

Bromochloromethane

Concen: 0.468 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

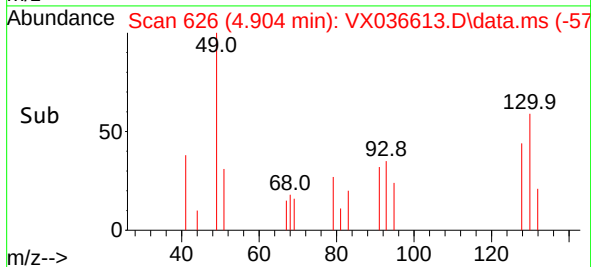
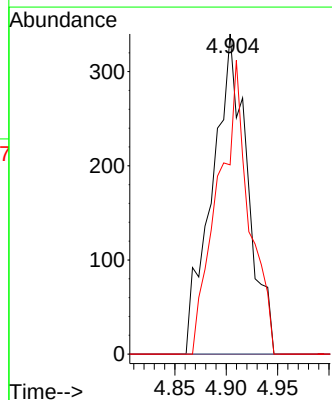
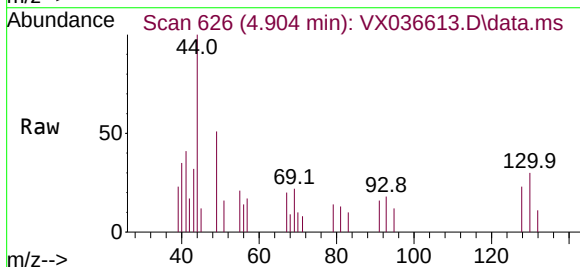
Tgt Ion: 49 Resp: 813

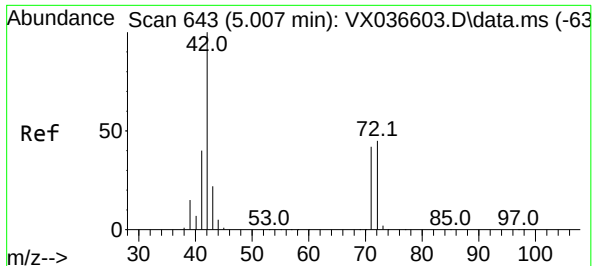
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 81.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 2.893 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX036613.D

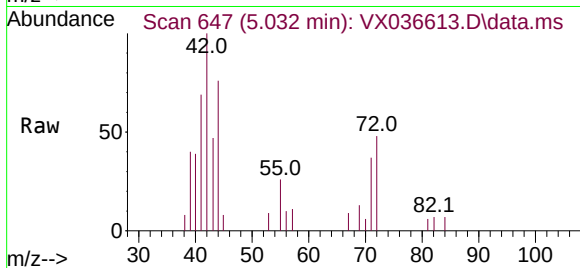
Acq: 21 Jul 2023 16:51

Instrument :

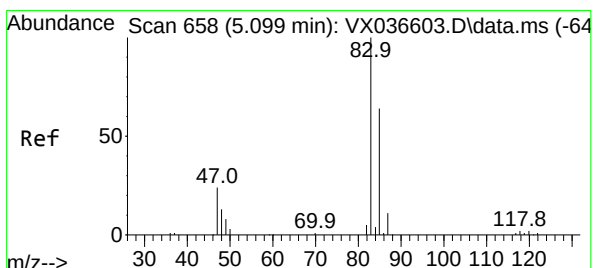
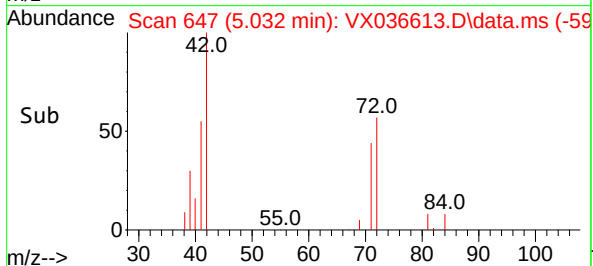
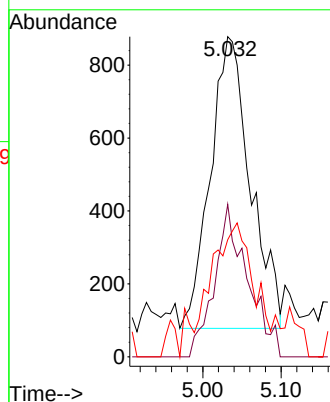
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:	42	Resp:	2845
Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.2	51.4
71	47.5	32.2	48.2



#30

Chloroform

Concen: 0.619 ug/l

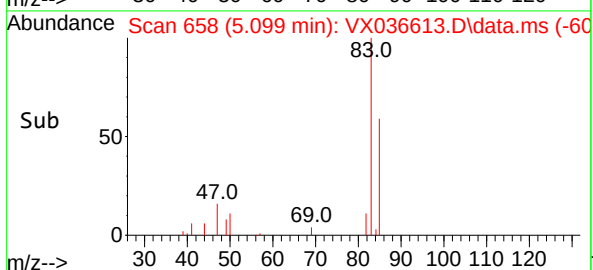
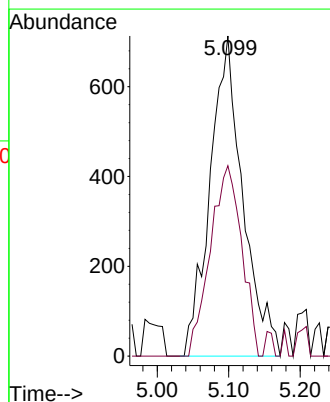
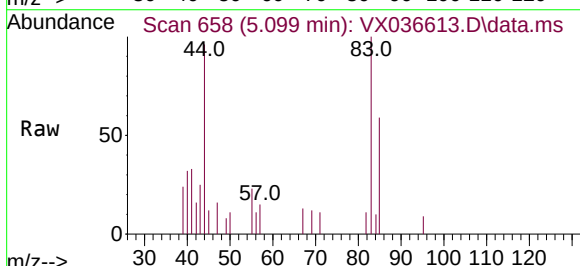
RT: 5.099 min Scan# 658

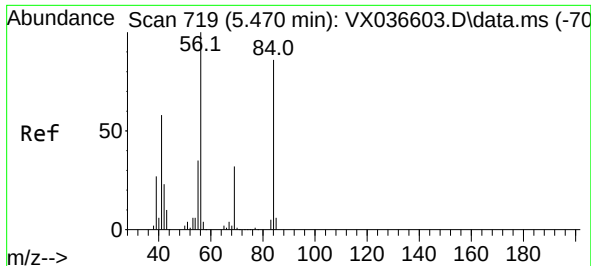
Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

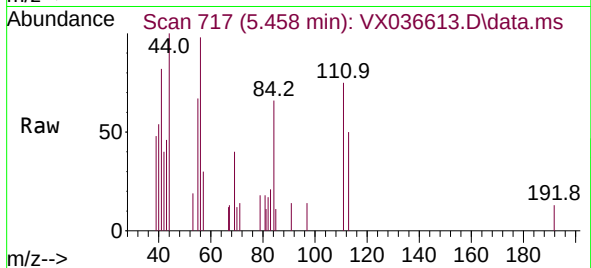
Tgt Ion:	83	Resp:	2277
Ion	Ratio	Lower	Upper
83	100		
85	59.5	50.3	75.5



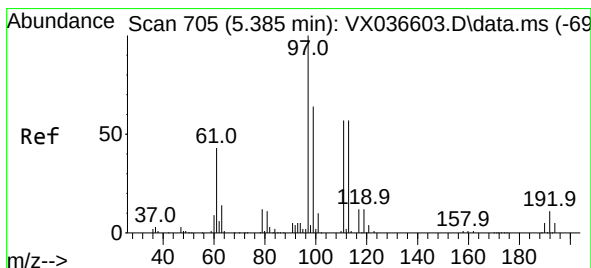
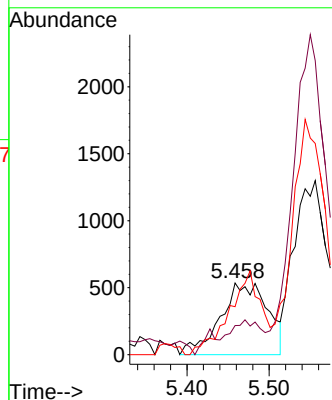
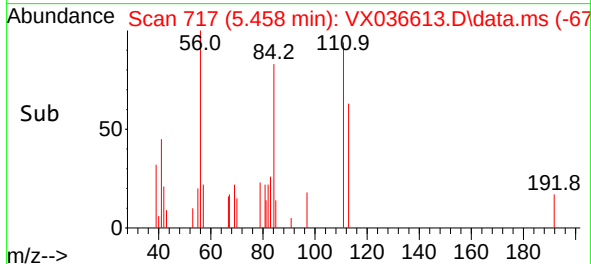


#31
Cyclohexane
Concen: 0.683 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

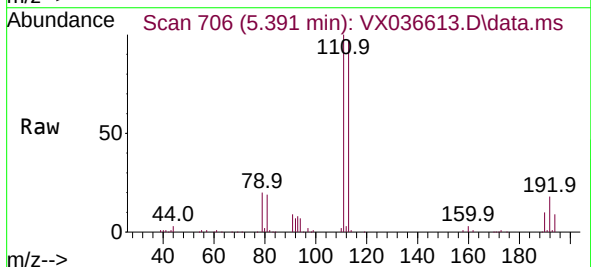
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



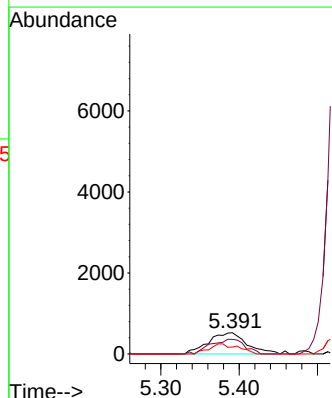
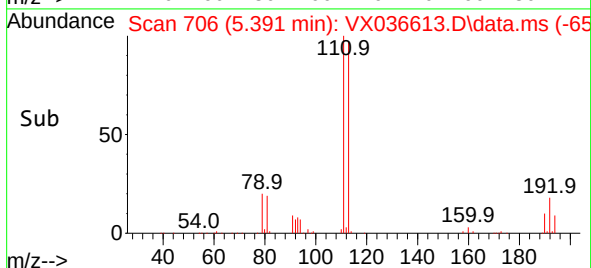
Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 21.7 23.4 35.2#
84 55.9 65.9 98.9#

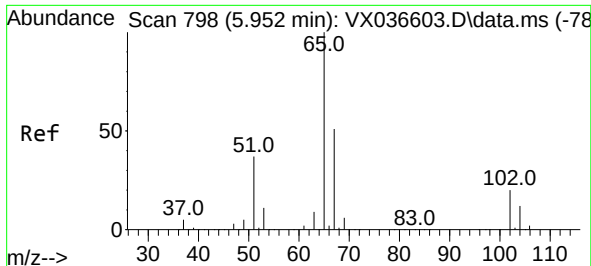


#32
1,1,1-Trichloroethane
Concen: 0.532 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51



Tgt Ion: 97 Resp: 1792
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 36.0 36.4 54.6#

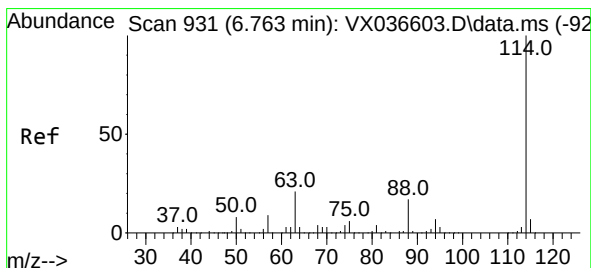
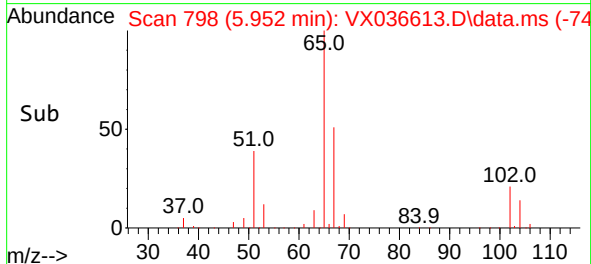
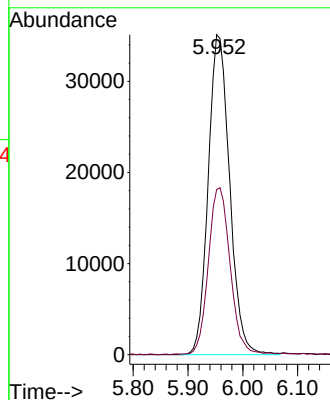
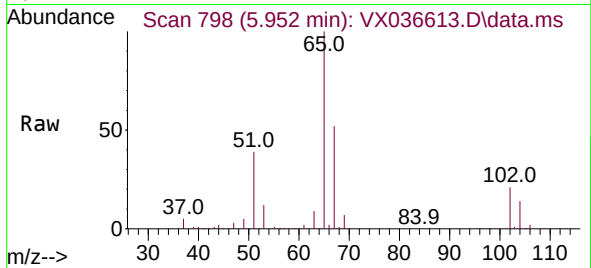




#33
 1,2-Dichloroethane-d4
 Concen: 42.045 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

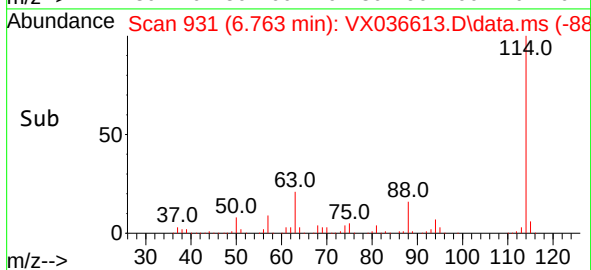
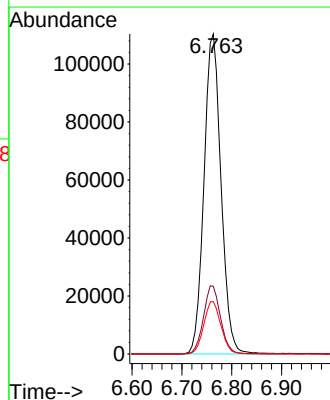
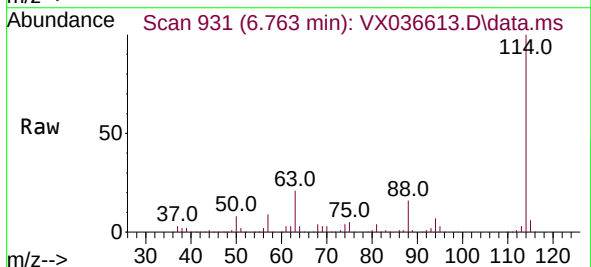
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

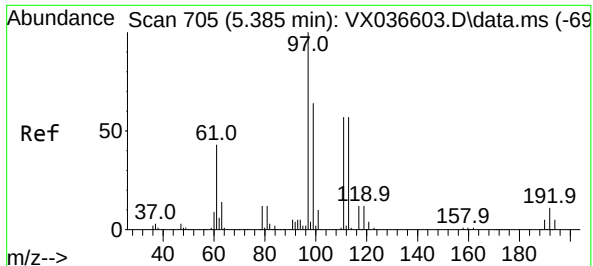
Tgt Ion: 65 Resp: 95248
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

Tgt Ion: 114 Resp: 262065
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 16.3 0.0 36.6

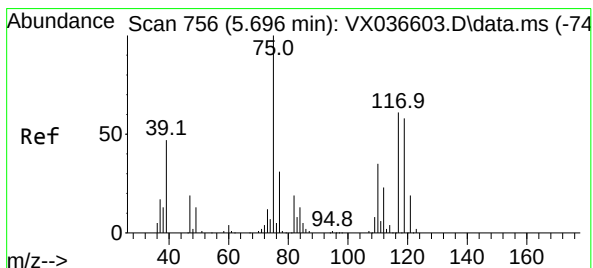
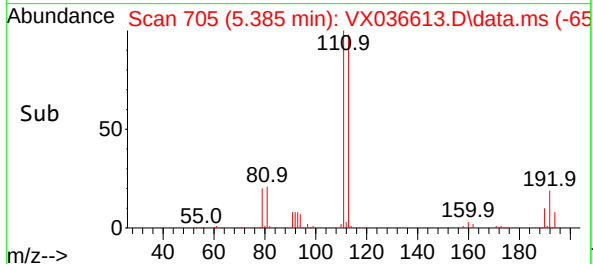
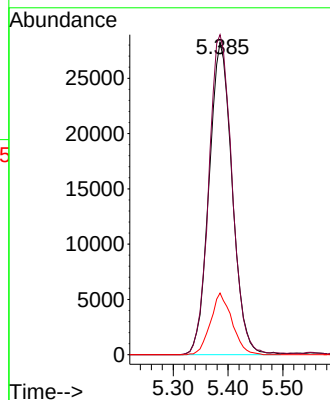
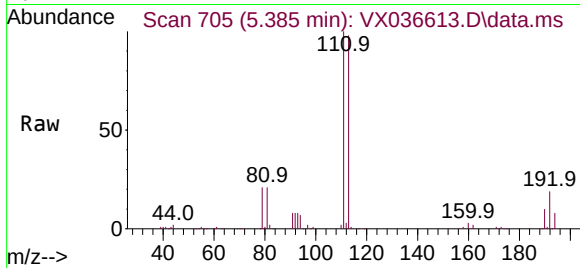




#35
Dibromofluoromethane
Concen: 45.862 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

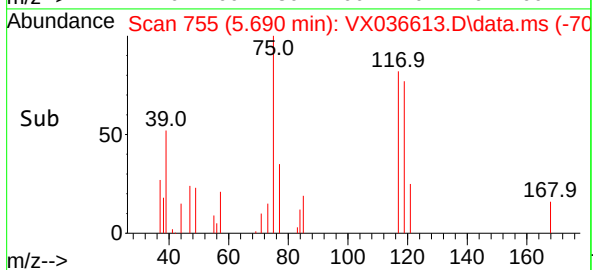
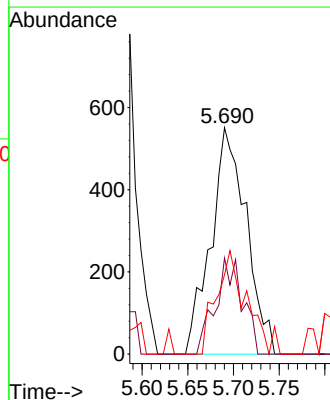
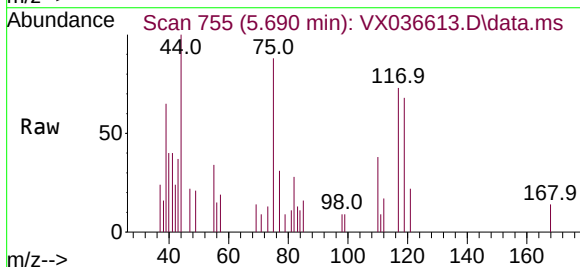
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

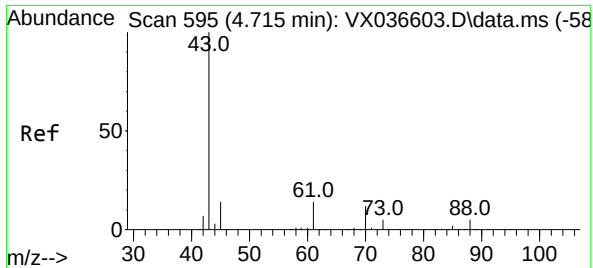
Tgt Ion:113 Resp: 82610
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 0.555 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 75 Resp: 1489
Ion Ratio Lower Upper
75 100
110 32.7 17.0 50.9
77 37.8 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.274 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

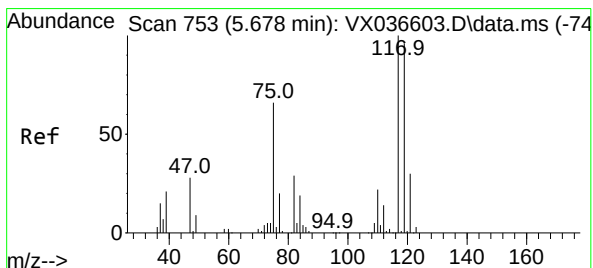
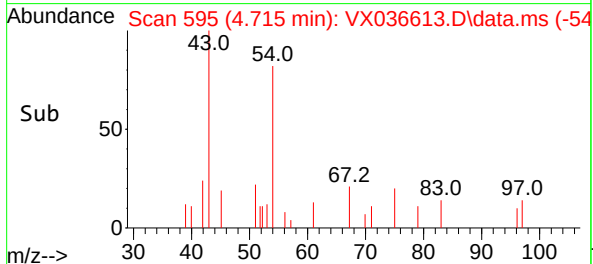
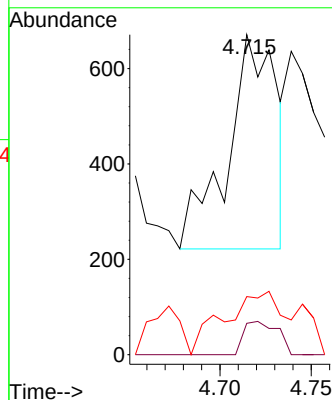
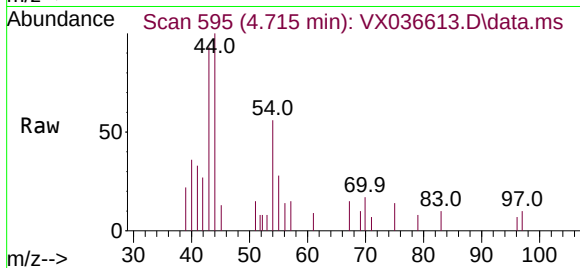
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43	Resp:	834
Ion Ratio	Lower	Upper
43	100	
61	10.8	10.6 16.0
70	43.9	8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.181 ug/l

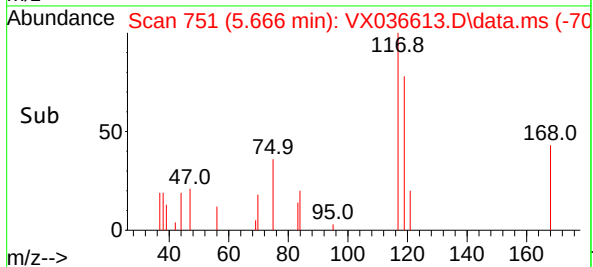
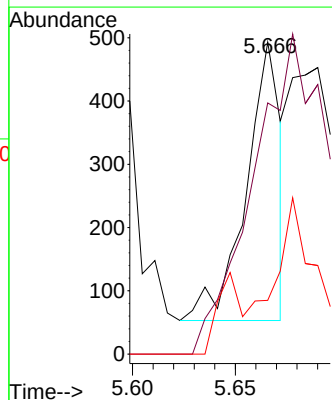
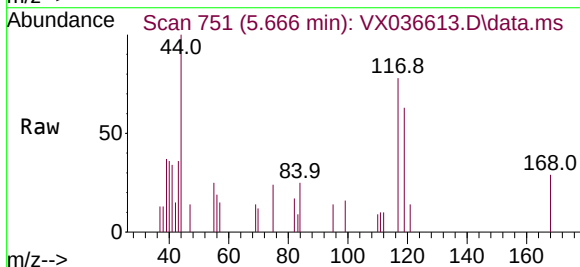
RT: 5.666 min Scan# 751

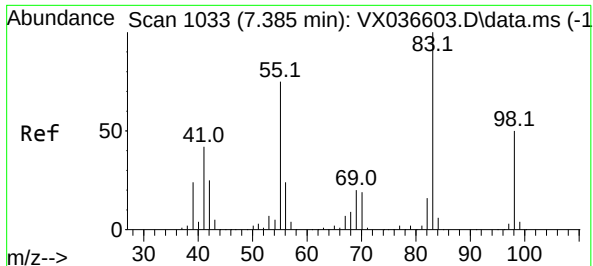
Delta R.T. -0.012 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Tgt Ion: 117	Resp:	516
Ion Ratio	Lower	Upper
117	100	
119	90.2	78.2 117.2
121	19.3	24.4 36.6#





#39

Methylcyclohexane

Concen: 0.566 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

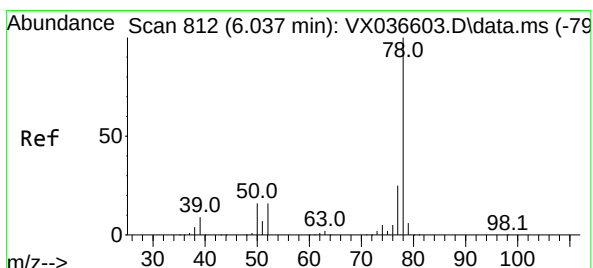
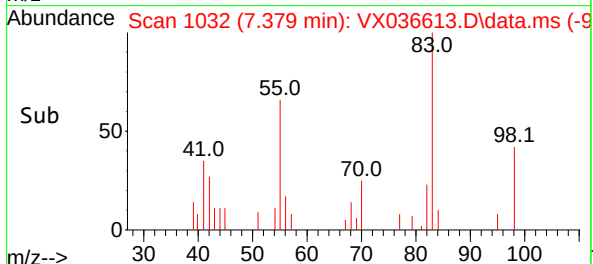
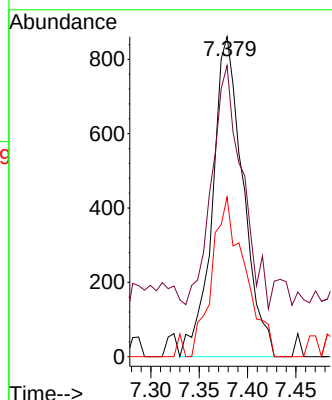
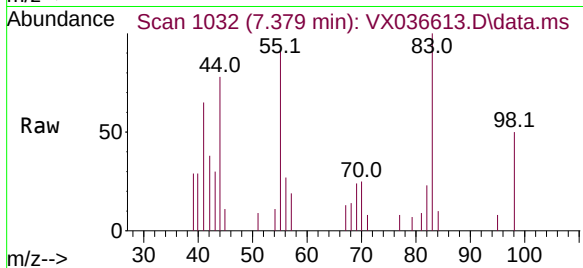
Tgt Ion: 83 Resp: 1891

Ion Ratio Lower Upper

83 100

55 73.2 64.6 97.0

98 49.8 36.7 55.1



#40

Benzene

Concen: 0.466 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036613.D

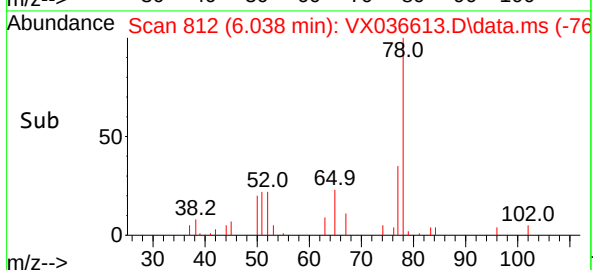
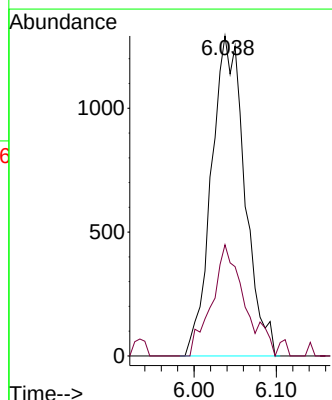
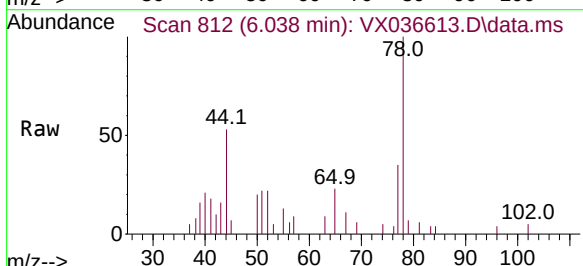
Acq: 21 Jul 2023 16:51

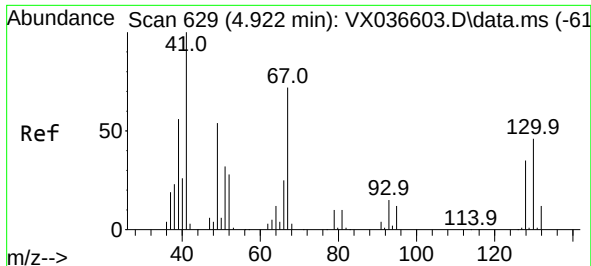
Tgt Ion: 78 Resp: 3641

Ion Ratio Lower Upper

78 100

77 34.8 19.3 28.9#

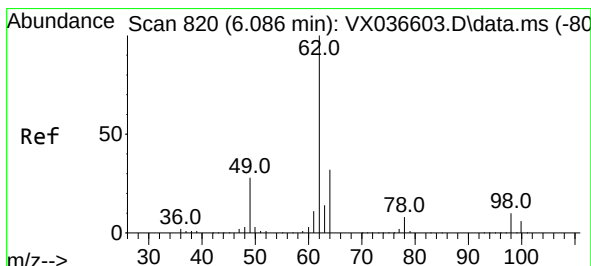
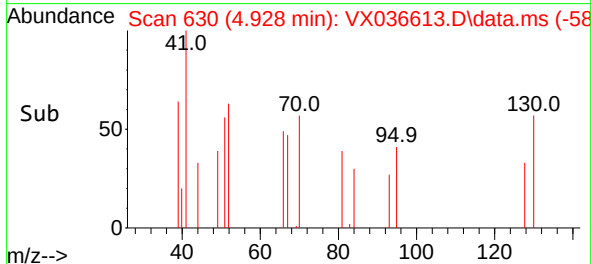
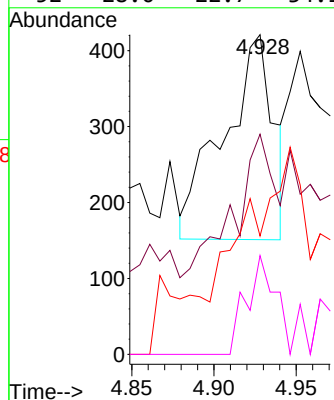
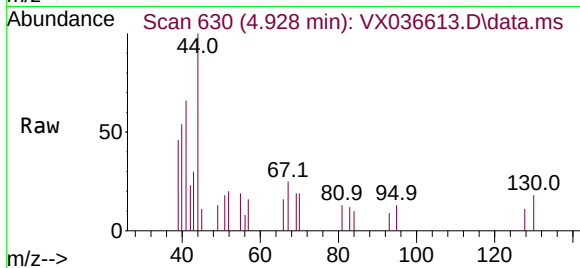




#41
Methacrylonitrile
Concen: 0.349 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

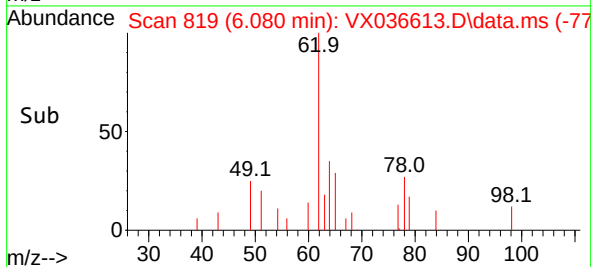
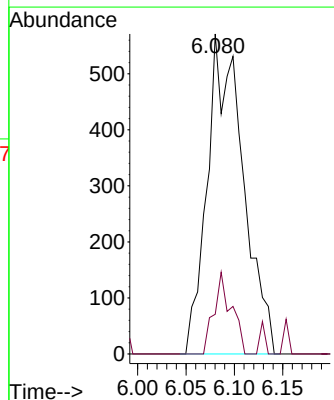
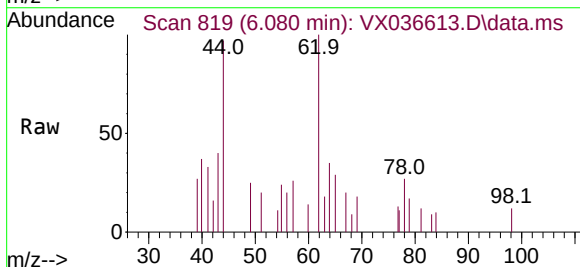
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

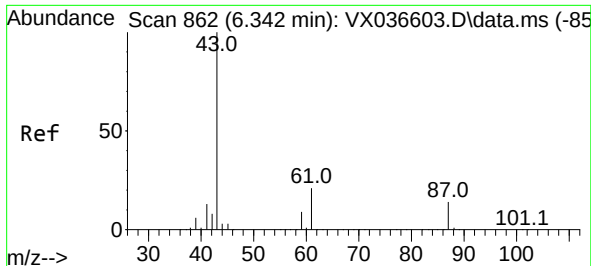
Tgt Ion: 41	Resp: 568
Ion Ratio	Lower Upper
41 100	
39 57.0	45.2 67.8
67 0.0	52.6 78.8#
52 28.0	22.7 34.1



#42
1,2-Dichloroethane
Concen: 0.514 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 62	Resp: 1468
Ion Ratio	Lower Upper
62 100	
98 12.5	0.0 16.0

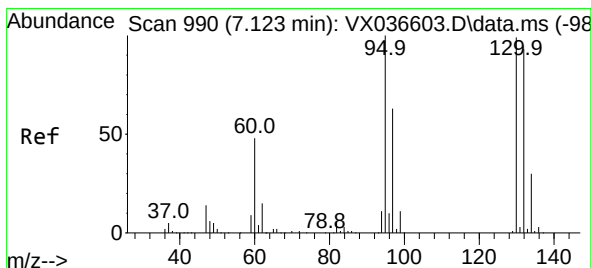
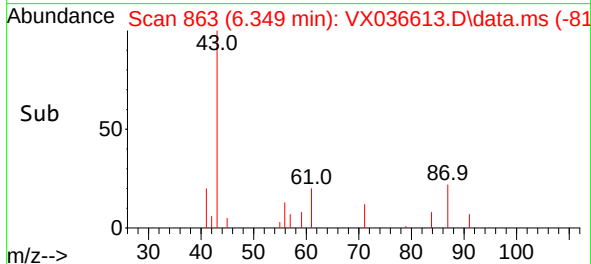
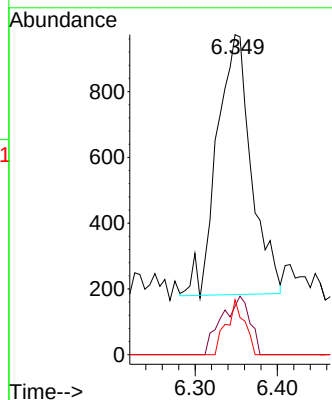
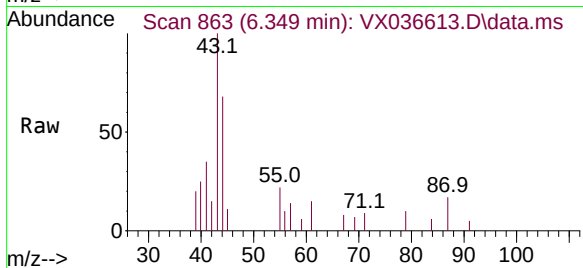




#43
Isopropyl Acetate
Concen: 0.437 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

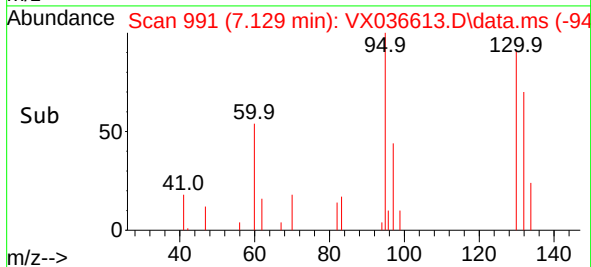
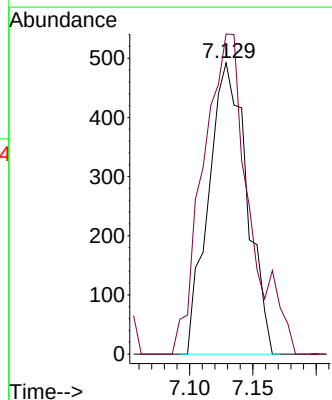
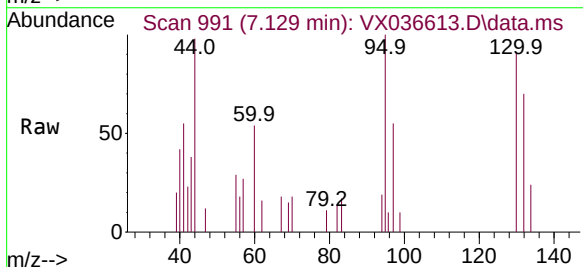
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

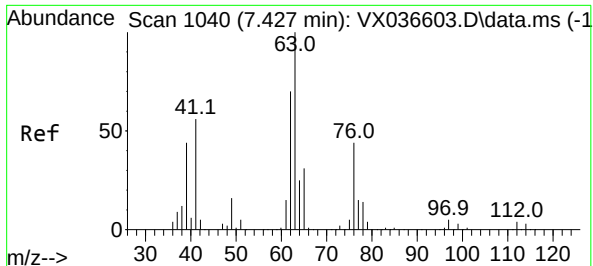
Tgt Ion: 43 Resp: 2288
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 11.1 9.8 14.6



#44
Trichloroethene
Concen: 0.509 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion:130 Resp: 1040
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.516 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

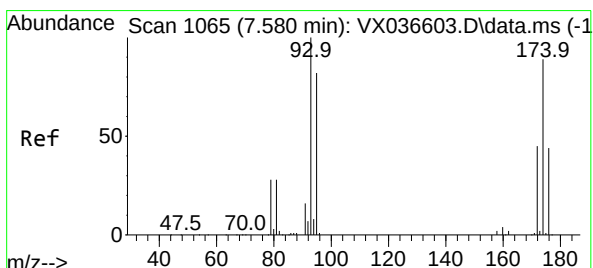
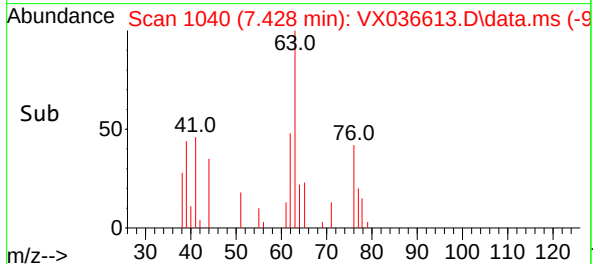
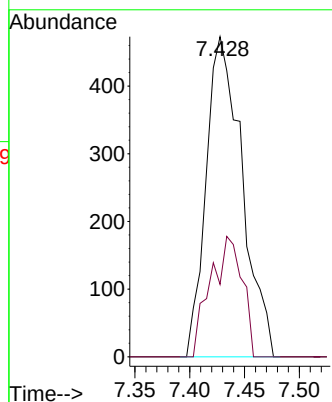
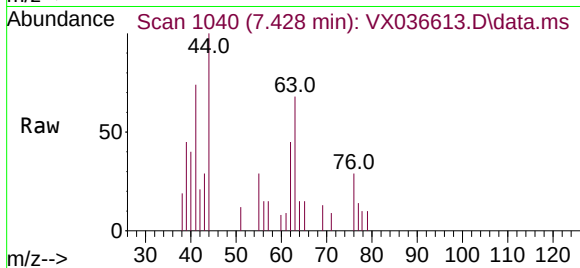
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 1077

Ion Ratio Lower Upper

63 100

65 22.6 24.3 36.5#



#46

Dibromomethane

Concen: 0.497 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

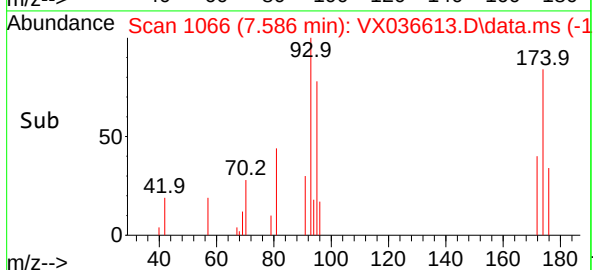
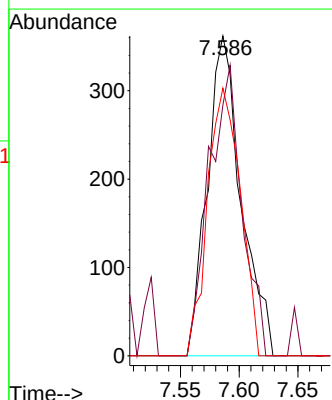
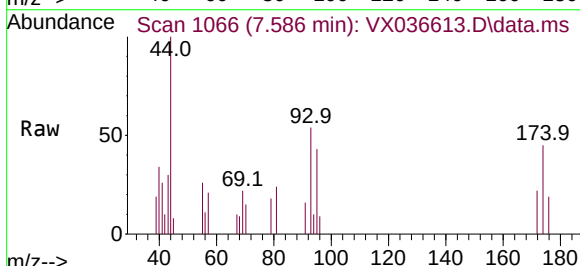
Tgt Ion: 93 Resp: 726

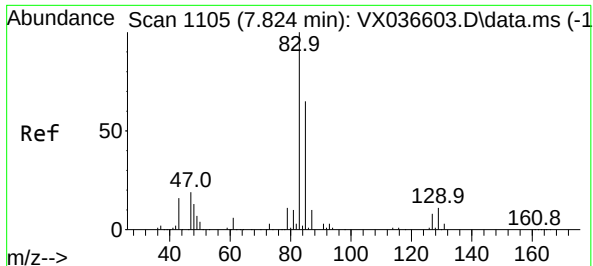
Ion Ratio Lower Upper

93 100

95 88.6 66.6 100.0

174 81.4 69.4 104.0

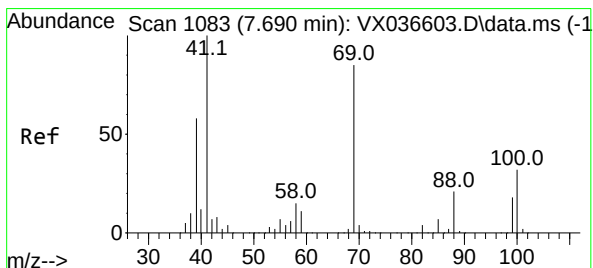
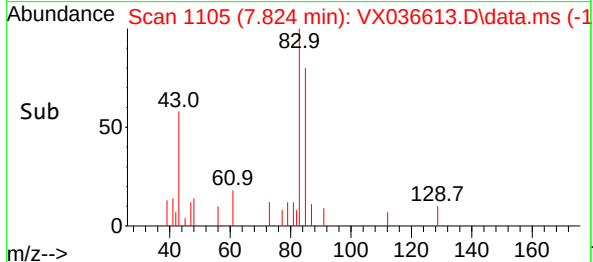
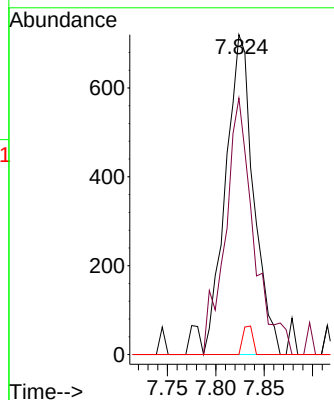
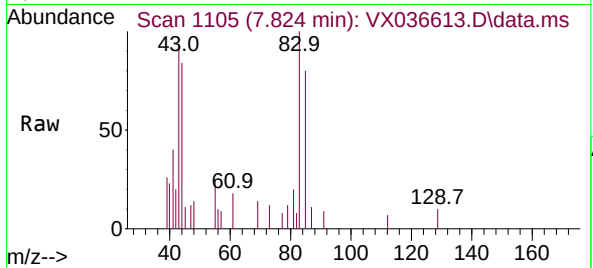




#47
Bromodichloromethane
Concen: 0.499 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

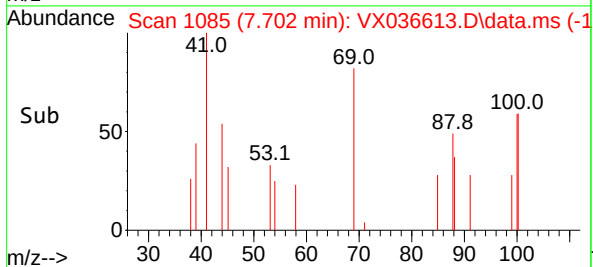
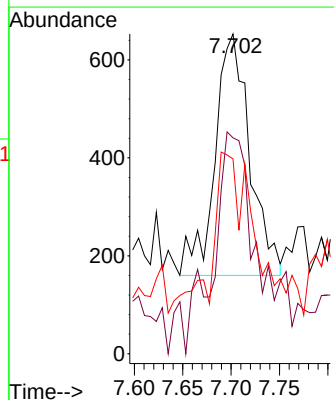
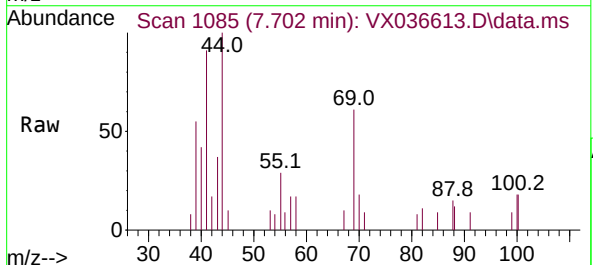
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

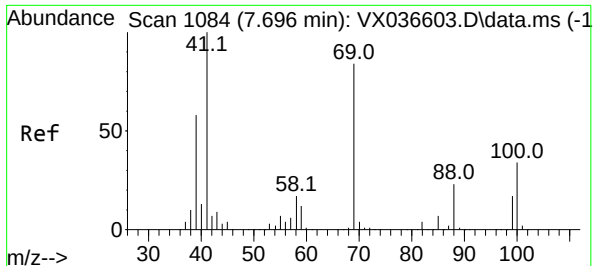
Tgt Ion: 83 Resp: 1496
Ion Ratio Lower Upper
83 100
85 80.1 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.509 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 41 Resp: 1239
Ion Ratio Lower Upper
41 100
69 106.3 59.2 88.8#
39 82.2 47.7 71.5#





#49

1,4-Dioxane

Concen: 9.991 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

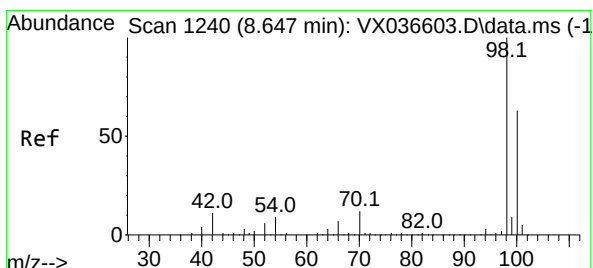
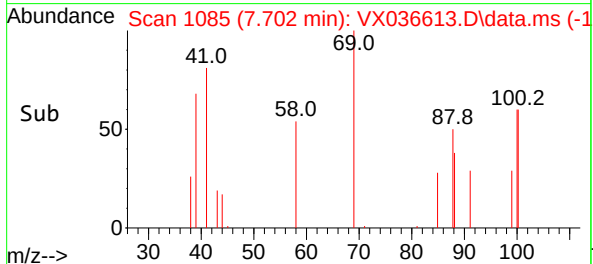
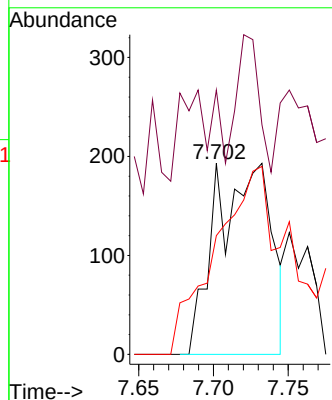
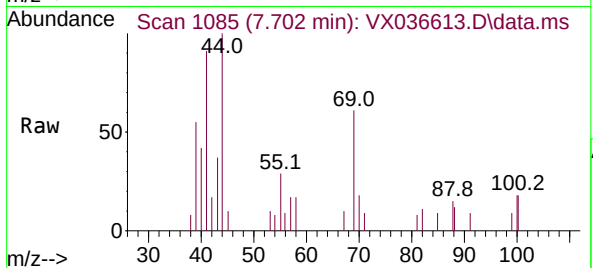
Tgt Ion: 88 Resp: 491

Ion Ratio Lower Upper

88 100

43 21.2 0.0 0.0#

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 47.408 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036613.D

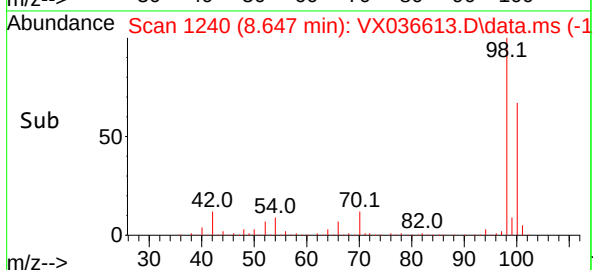
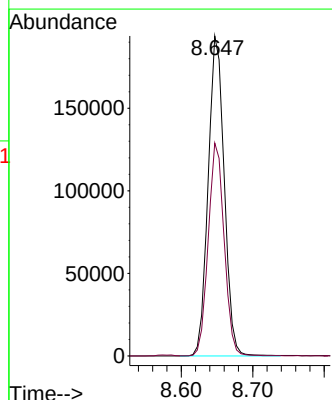
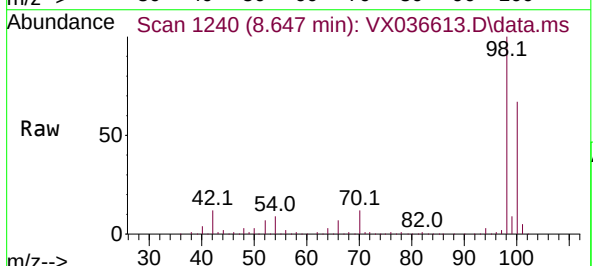
Acq: 21 Jul 2023 16:51

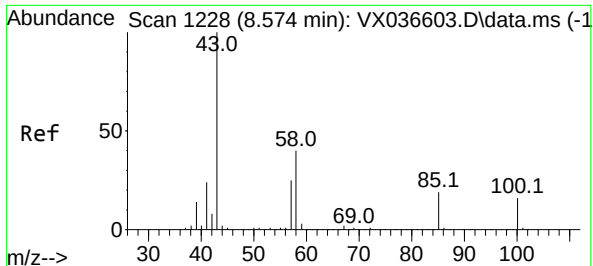
Tgt Ion: 98 Resp: 302829

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

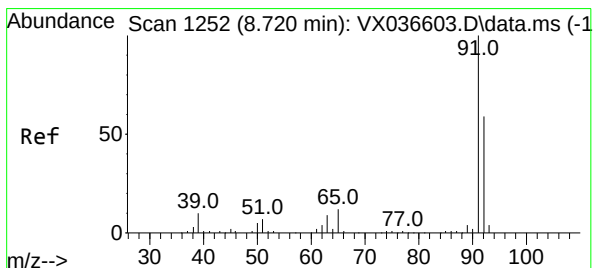
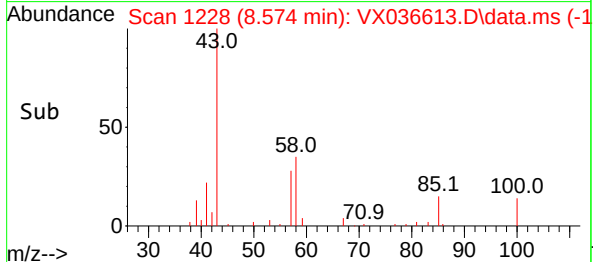
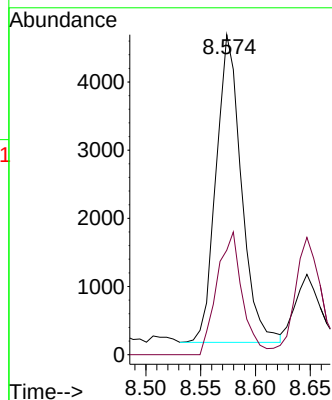
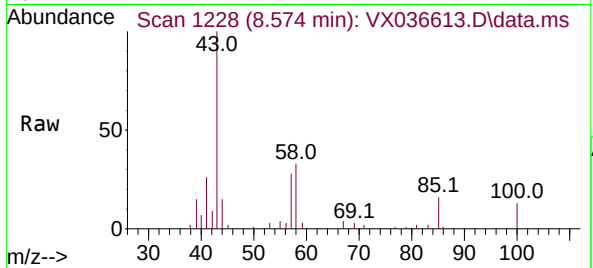




#51
4-Methyl-2-Pentanone
Concen: 2.507 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

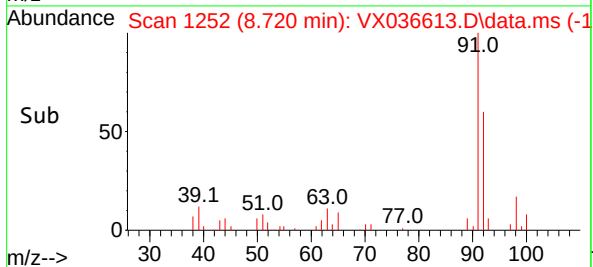
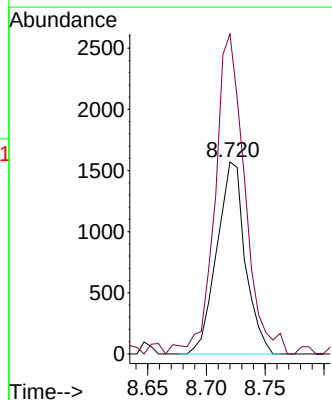
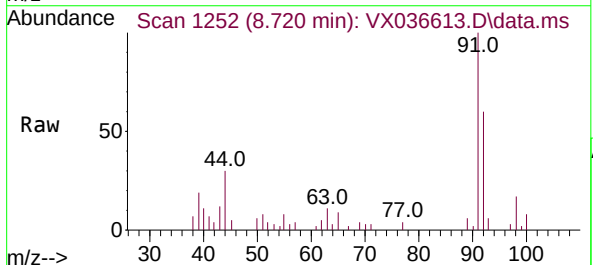
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

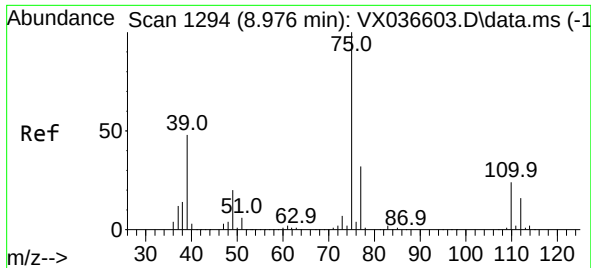
Tgt Ion: 43 Resp: 7258
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



#52
Toluene
Concen: 0.539 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 92 Resp: 2638
Ion Ratio Lower Upper
92 100
91 174.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.425 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

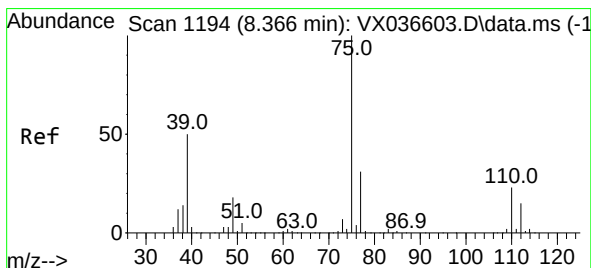
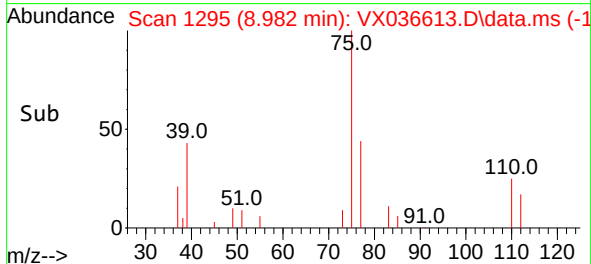
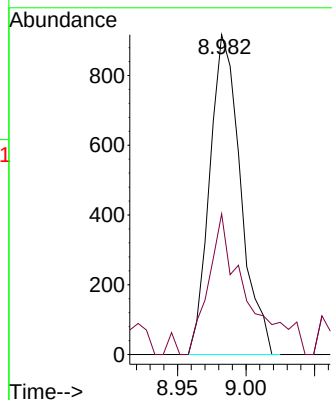
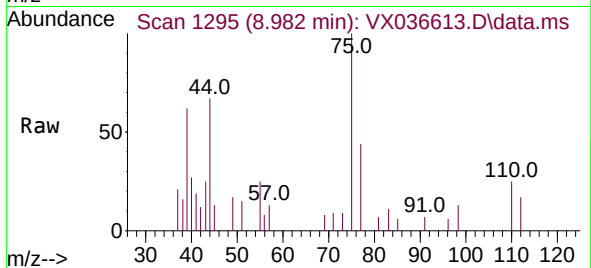
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75 Resp: 1438

Ion Ratio Lower Upper

75 100

77 43.9 25.7 38.5#



#54

cis-1,3-Dichloropropene

Concen: 0.467 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

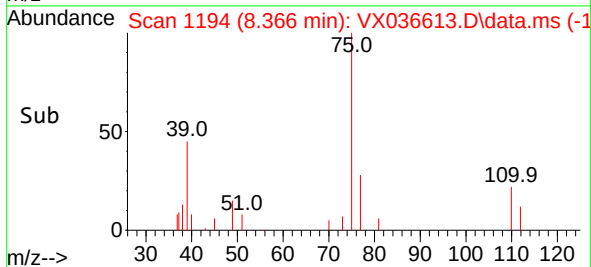
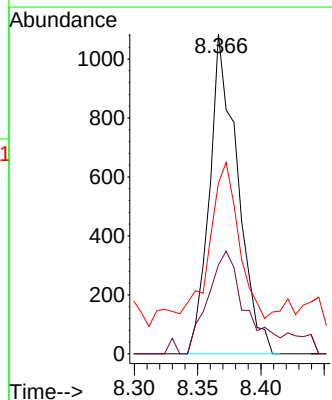
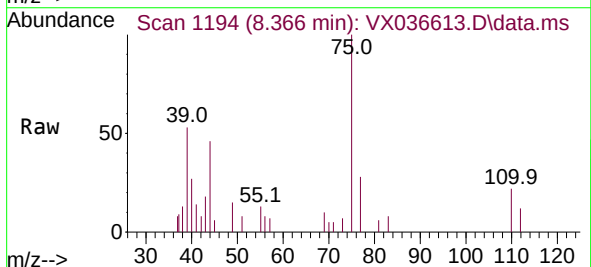
Tgt Ion: 75 Resp: 1670

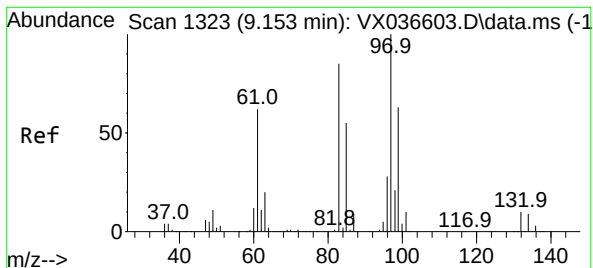
Ion Ratio Lower Upper

75 100

77 27.8 25.3 37.9

39 40.8 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 0.524 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 97 Resp: 1078

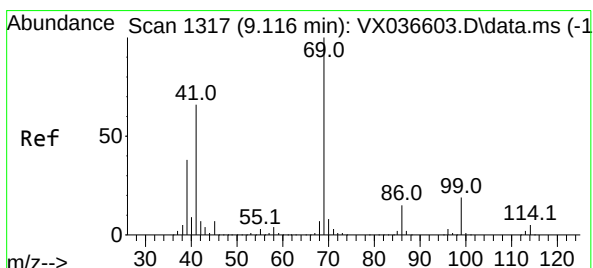
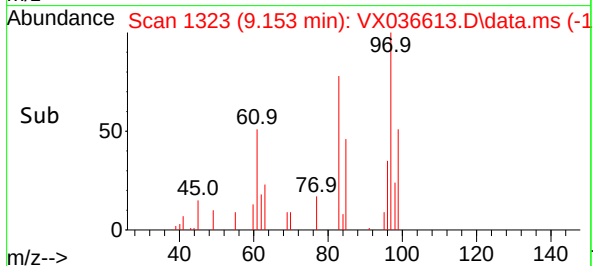
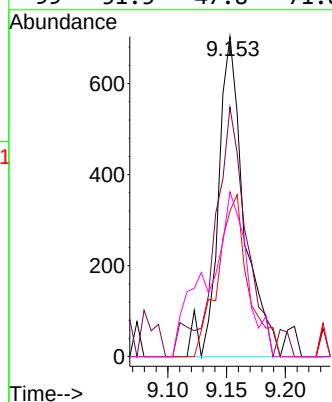
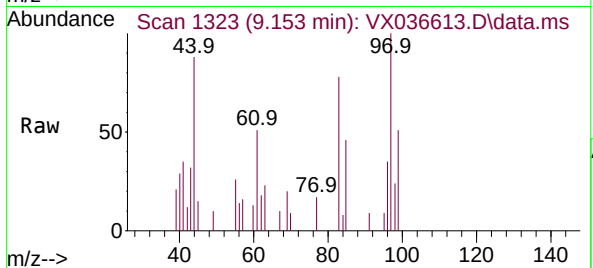
Ion Ratio Lower Upper

97 100

83 69.4 65.8 98.8

85 45.5 41.6 62.4

99 51.5 47.8 71.8



#56

Ethyl methacrylate

Concen: 0.427 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

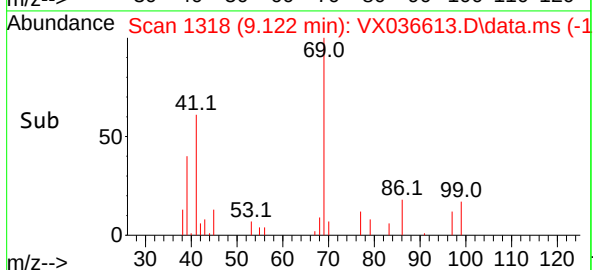
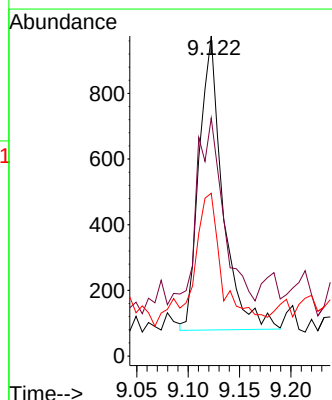
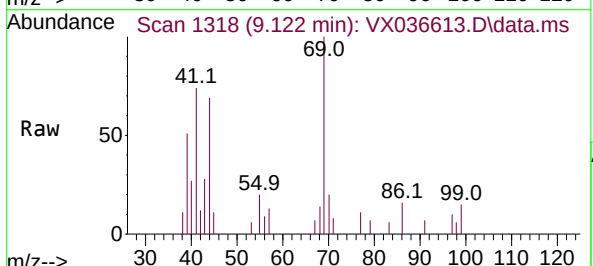
Tgt Ion: 69 Resp: 1432

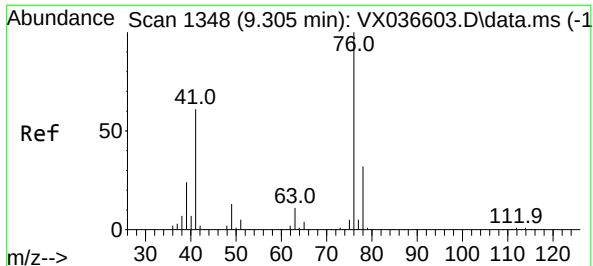
Ion Ratio Lower Upper

69 100

41 65.9 56.8 85.2

39 56.4 32.0 48.0

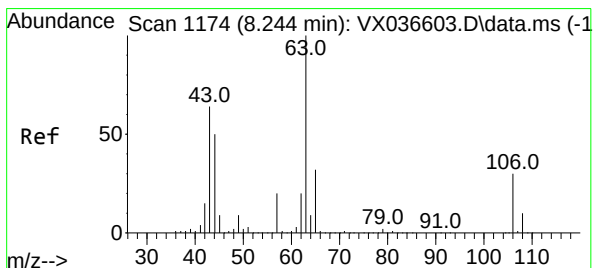
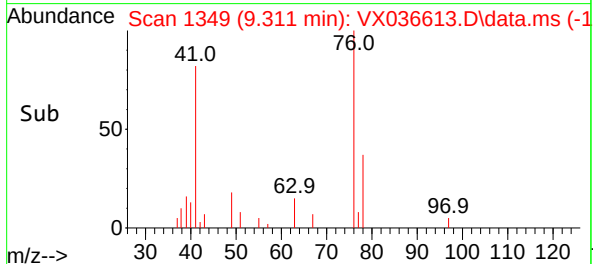
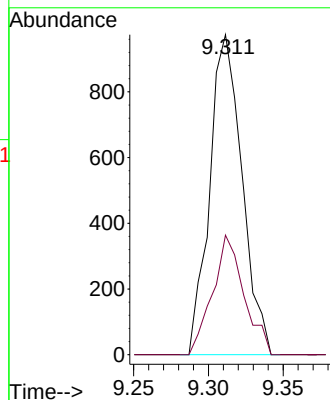
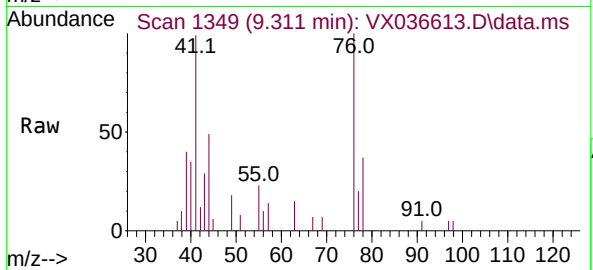




#57
1,3-Dichloropropane
Concen: 0.428 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

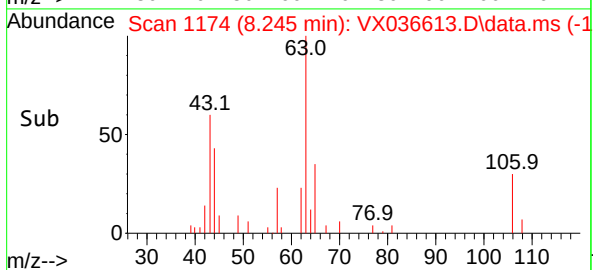
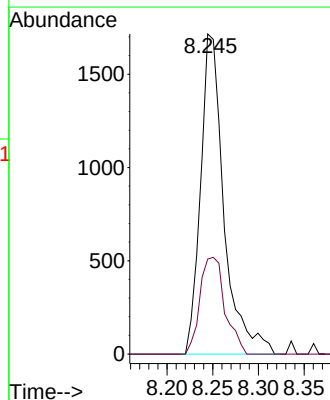
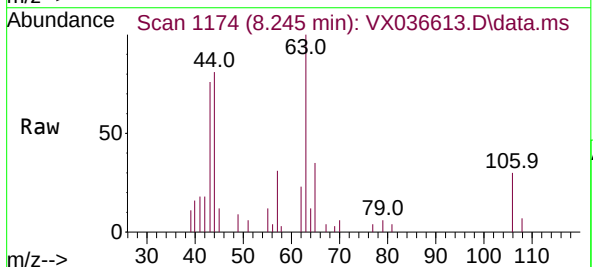
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

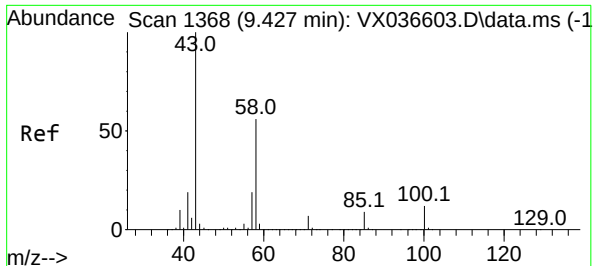
Tgt Ion: 76 Resp: 1465
Ion Ratio Lower Upper
76 100
78 36.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 1.848 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 63 Resp: 3051
Ion Ratio Lower Upper
63 100
106 32.3 22.5 33.7





#59

2-Hexanone

Concen: 2.752 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

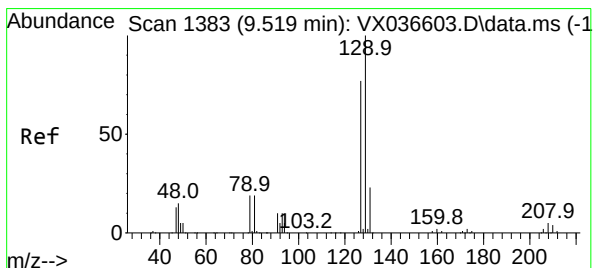
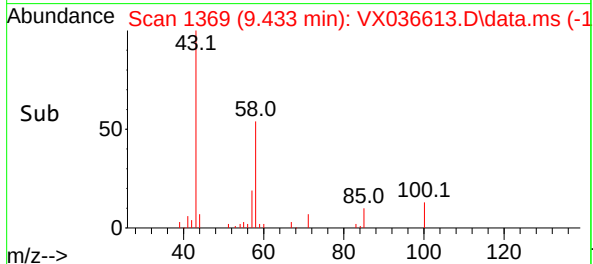
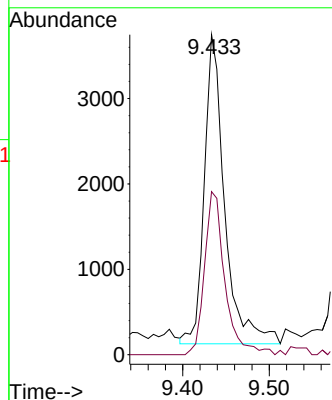
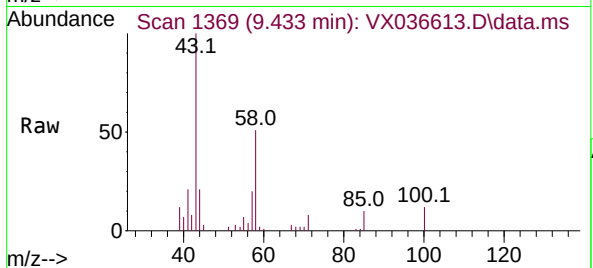
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 5912

Ion Ratio Lower Upper

43 100

58 52.8 26.2 78.5



#60

Dibromochloromethane

Concen: 0.416 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036613.D

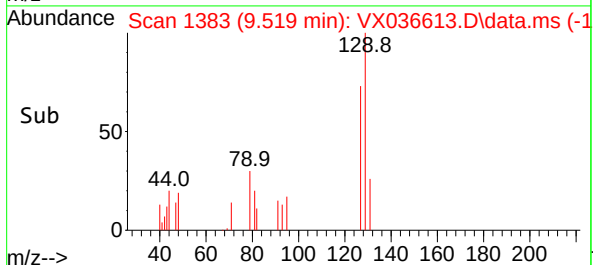
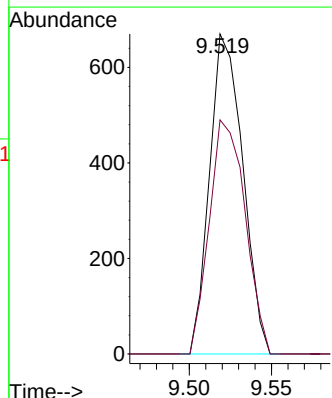
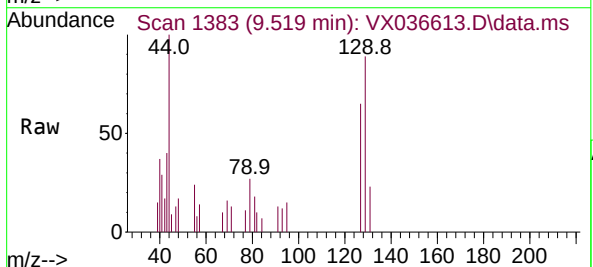
Acq: 21 Jul 2023 16:51

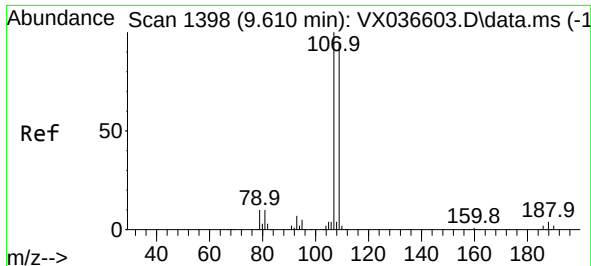
Tgt Ion: 129 Resp: 940

Ion Ratio Lower Upper

129 100

127 79.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.434 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

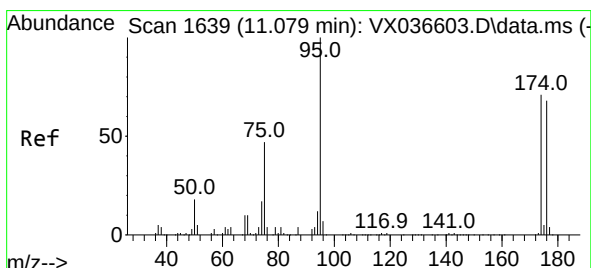
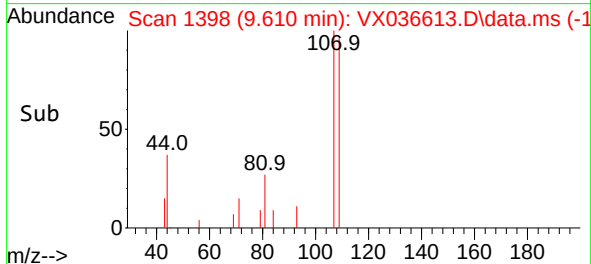
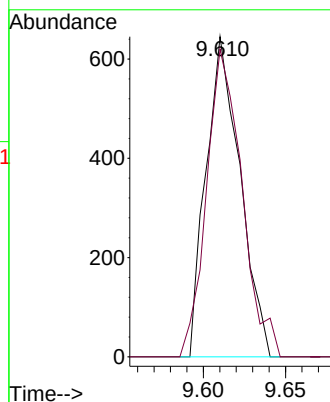
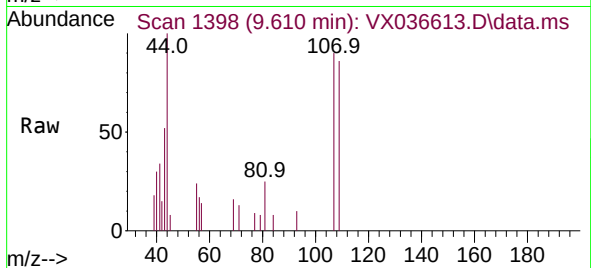
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:107 Resp: 926

Ion Ratio Lower Upper

107 100

109 100.1 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 45.876 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

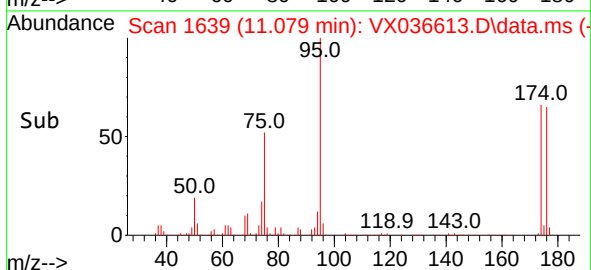
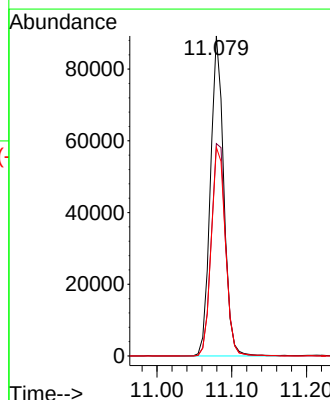
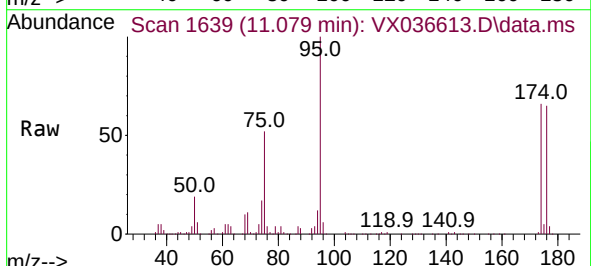
Tgt Ion: 95 Resp: 110562

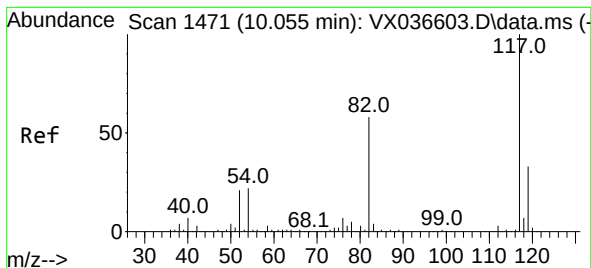
Ion Ratio Lower Upper

95 100

174 71.4 0.0 135.6

176 69.4 0.0 131.0

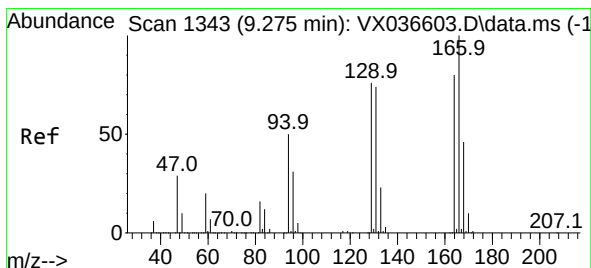
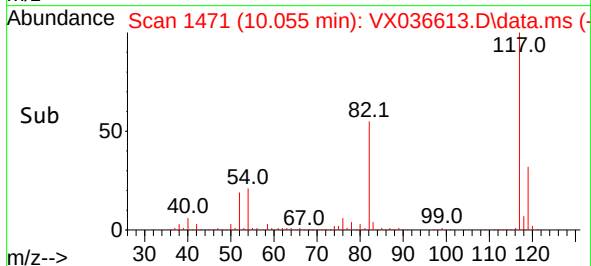
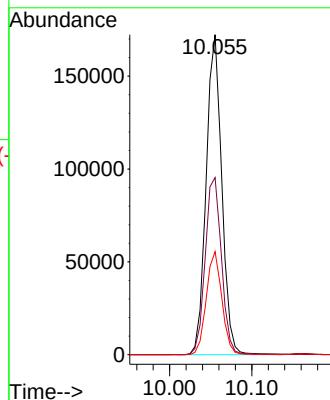
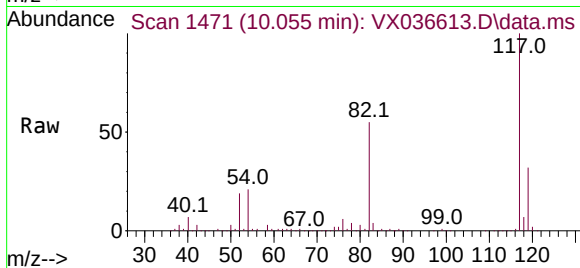




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

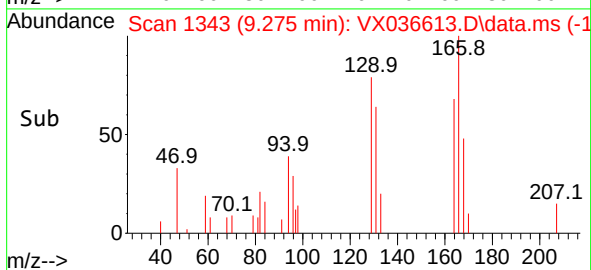
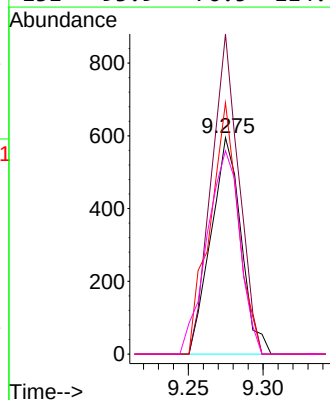
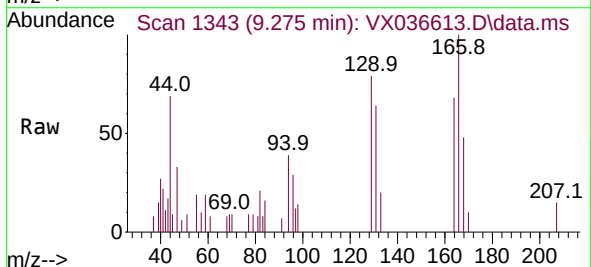
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

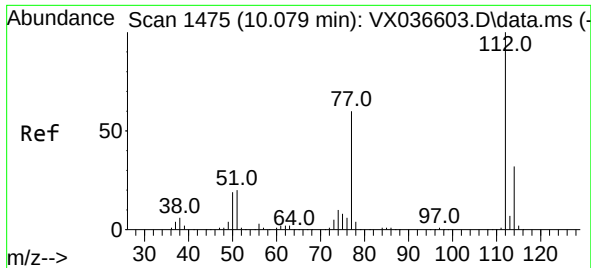
Tgt Ion:117 Resp: 227480
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.490 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion:164 Resp: 831
Ion Ratio Lower Upper
164 100
166 147.9 102.7 154.1
129 116.1 80.4 120.6
131 93.9 76.5 114.7

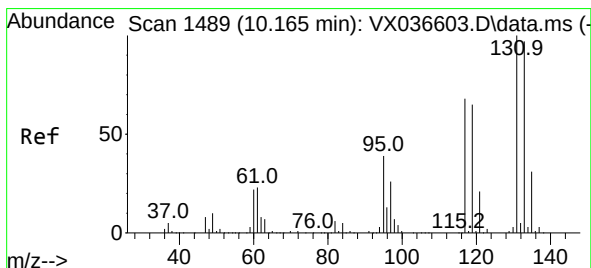
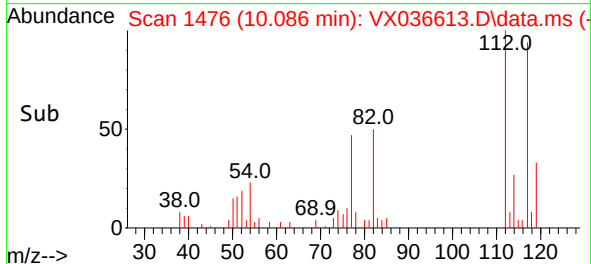
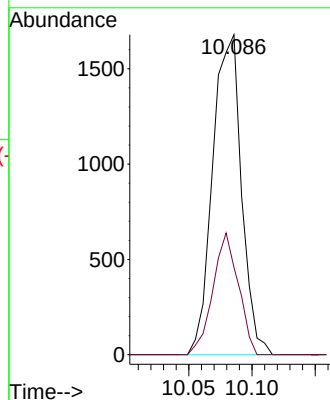
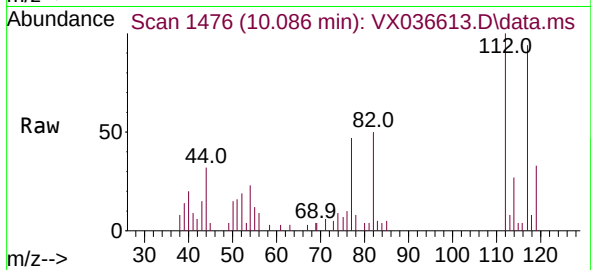




#65
Chlorobenzene
Concen: 0.530 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

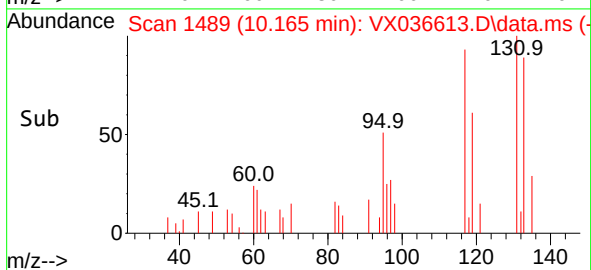
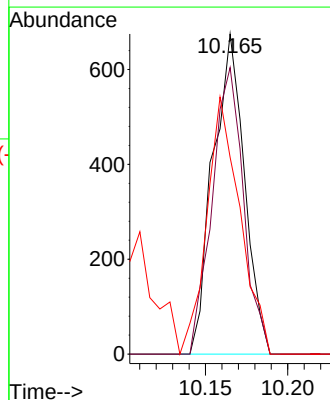
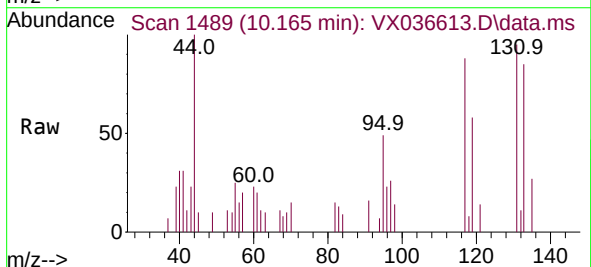
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

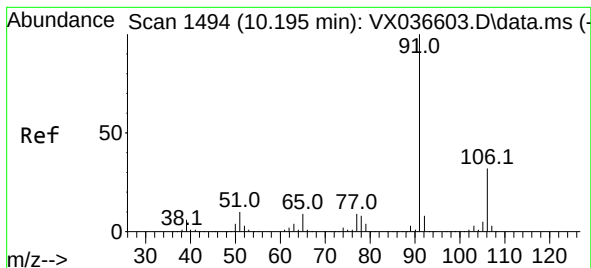
Tgt Ion:112 Resp: 2657
Ion Ratio Lower Upper
112 100
114 27.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.464 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion:131 Resp: 899
Ion Ratio Lower Upper
131 100
133 89.1 47.1 141.4
119 0.0 32.2 96.6#

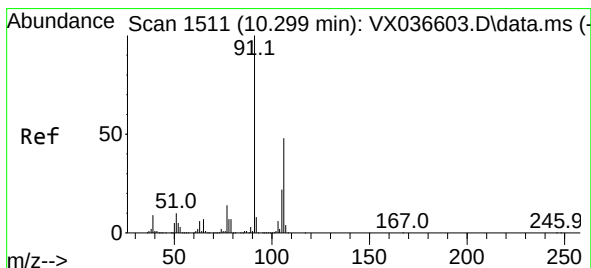
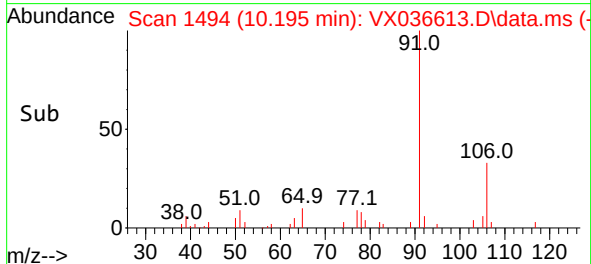
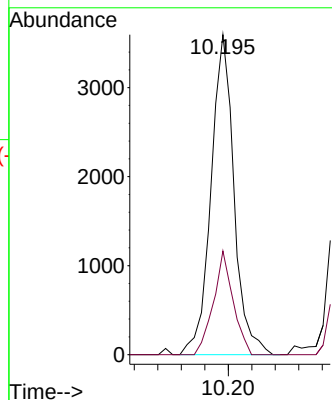
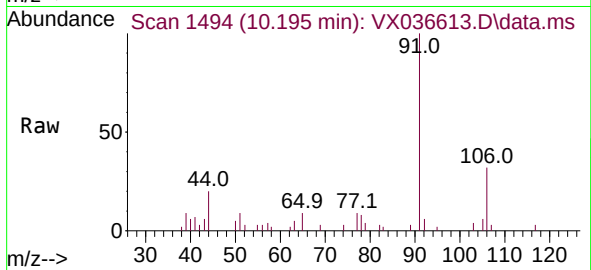




#67
Ethyl Benzene
Concen: 0.534 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

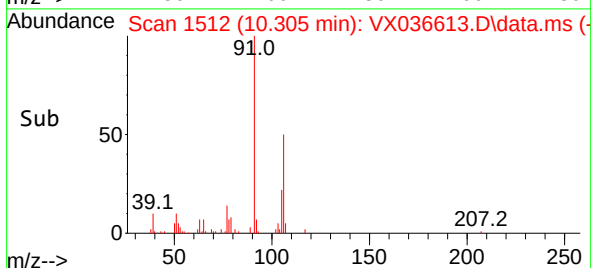
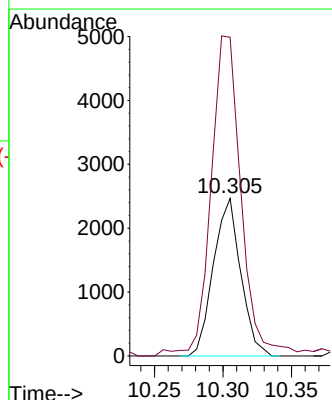
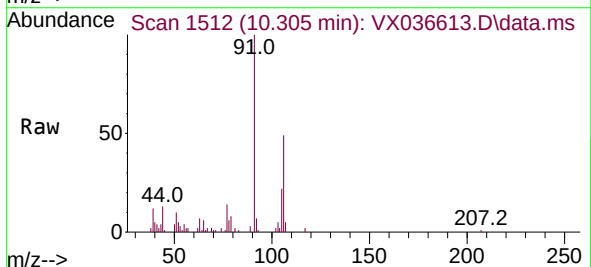
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

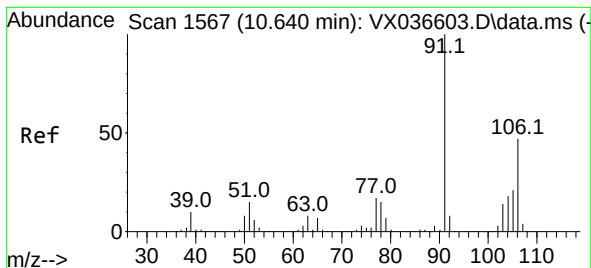
Tgt Ion: 91 Resp: 4887
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 1.000 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 106 Resp: 3418
Ion Ratio Lower Upper
106 100
91 225.4 165.5 248.3





#69

o-Xylene

Concen: 0.504 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

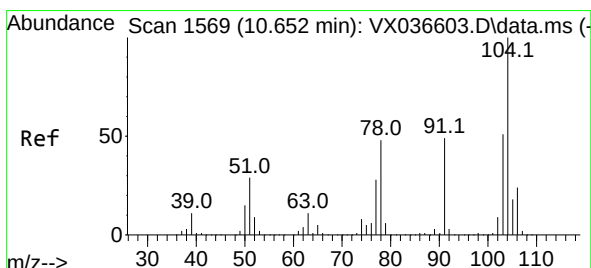
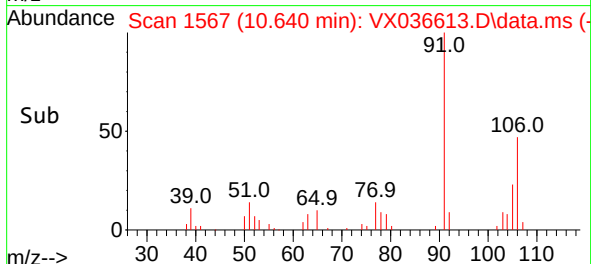
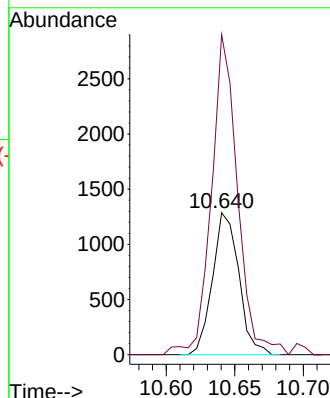
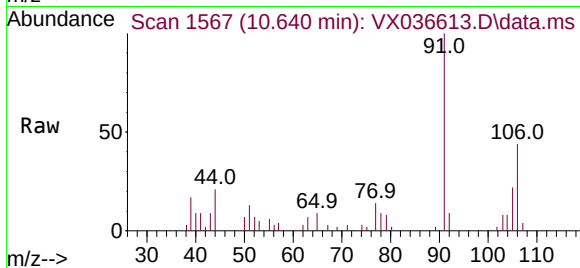
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 1721

Ion Ratio Lower Upper

106 100

91 224.0 108.9 326.8



#70

Styrene

Concen: 0.466 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

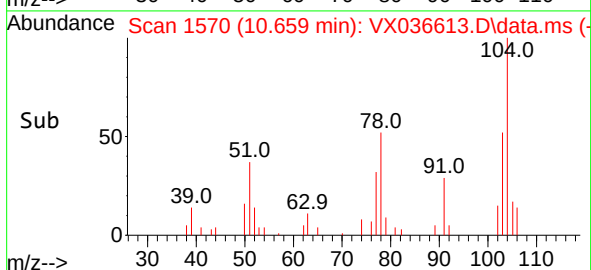
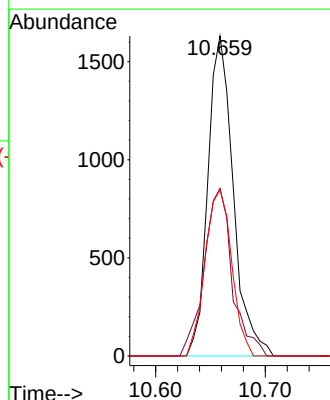
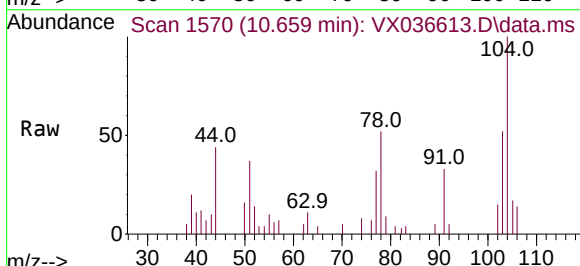
Tgt Ion:104 Resp: 2624

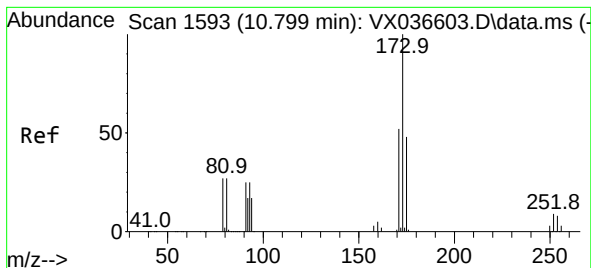
Ion Ratio Lower Upper

104 100

78 58.0 43.6 65.4

103 54.5 43.6 65.4





#71

Bromoform

Concen: 0.442 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

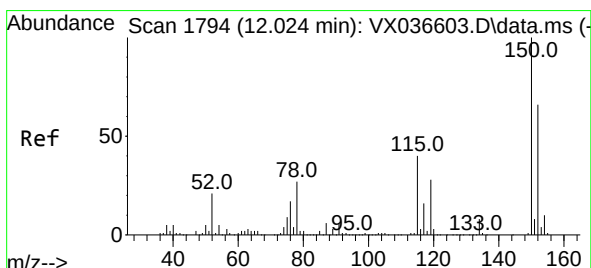
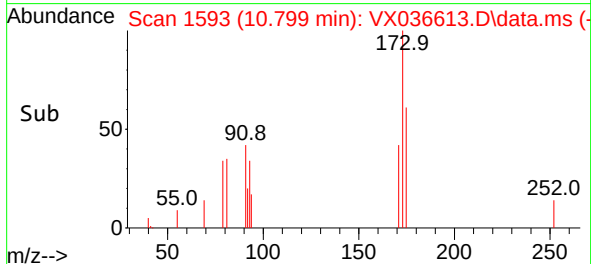
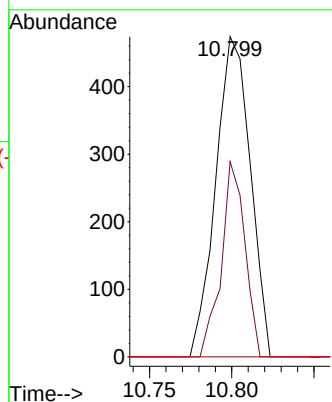
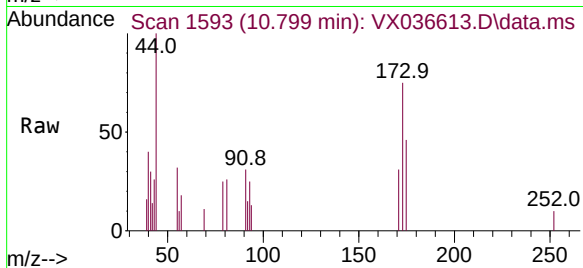
Tgt Ion:173 Resp: 693

Ion Ratio Lower Upper

173 100

175 41.4 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

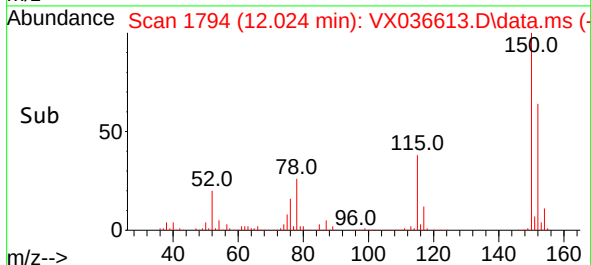
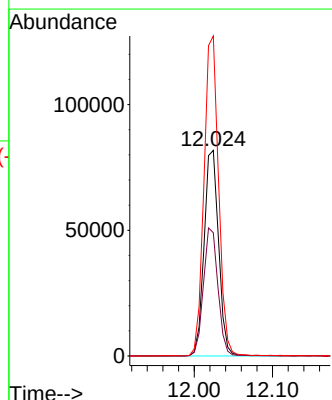
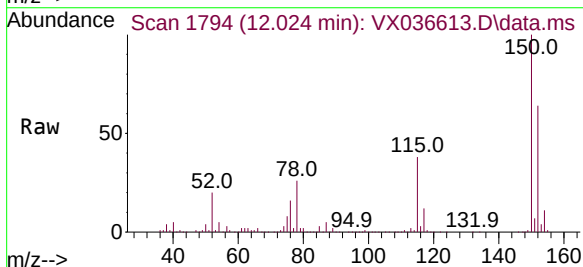
Tgt Ion:152 Resp: 105099

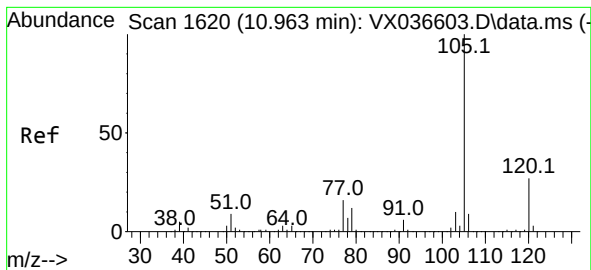
Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 156.5 0.0 345.0





#73

Isopropylbenzene

Concen: 0.531 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

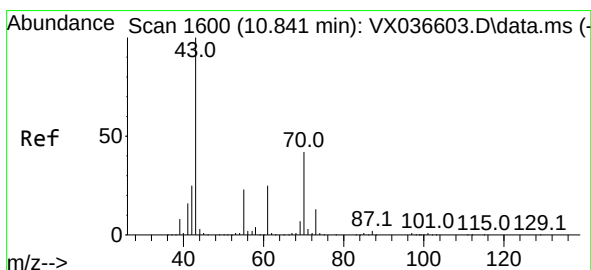
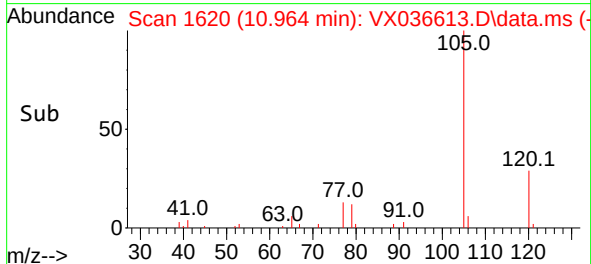
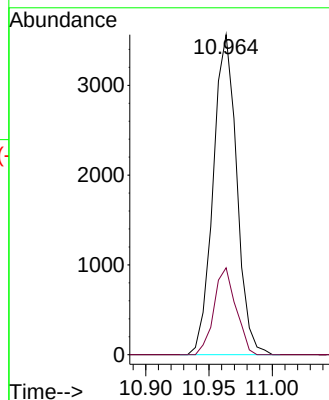
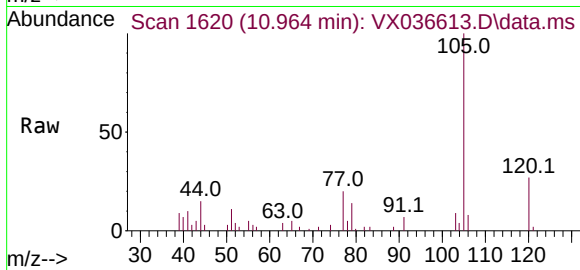
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 4621

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



#74

N-ethyl acetate

Concen: 0.483 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Tgt Ion: 43 Resp: 1961

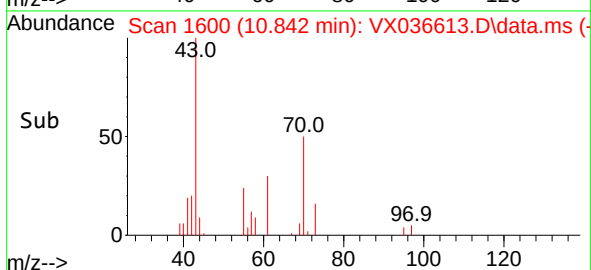
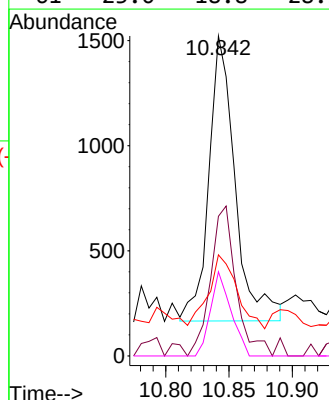
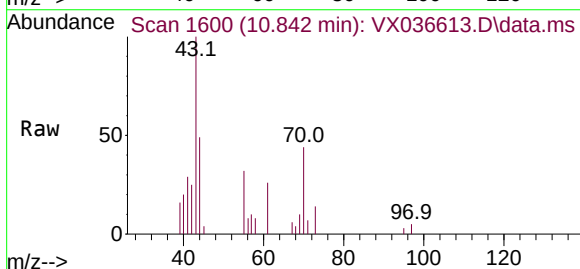
Ion Ratio Lower Upper

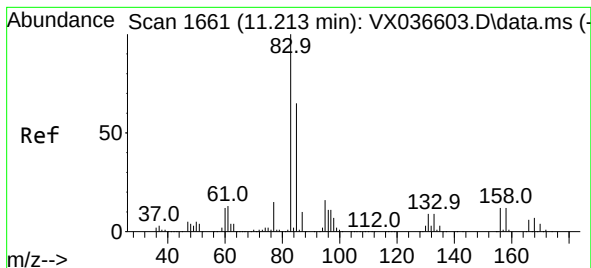
43 100

70 51.1 32.9 49.3#

55 27.9 19.3 28.9

61 23.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.536 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

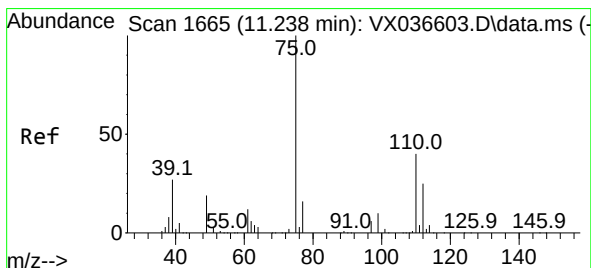
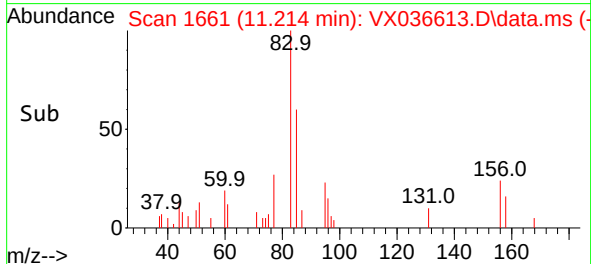
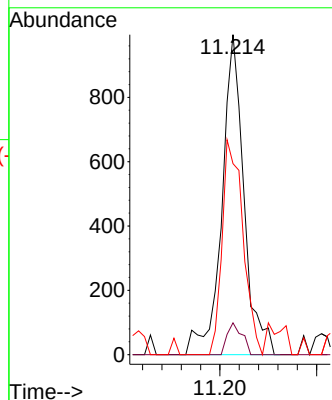
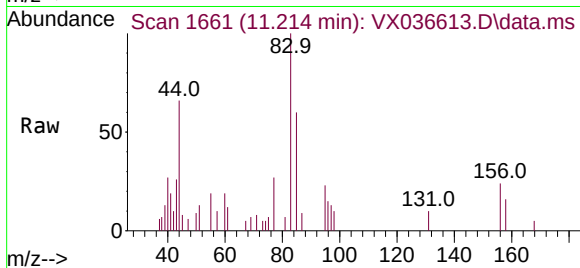
Tgt Ion: 83 Resp: 1576

Ion Ratio Lower Upper

83 100

131 6.7 5.3 15.8

85 62.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 0.723 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX036613.D

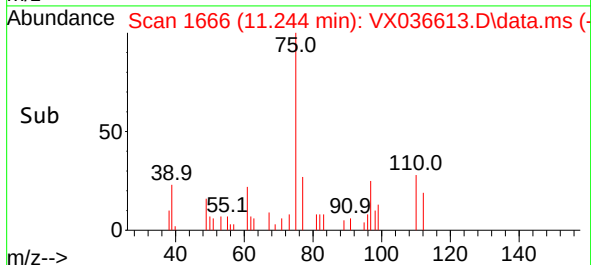
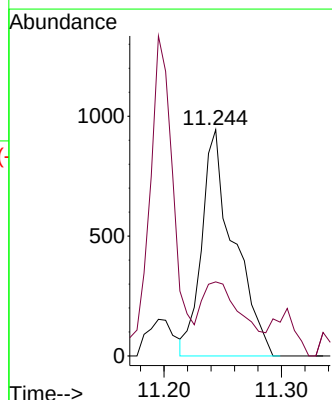
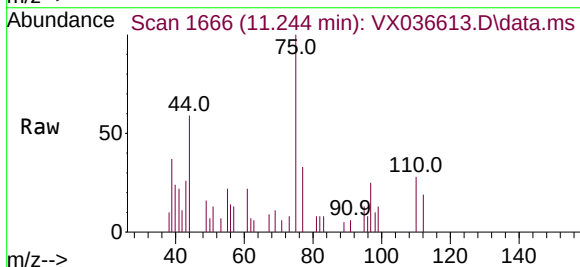
Acq: 21 Jul 2023 16:51

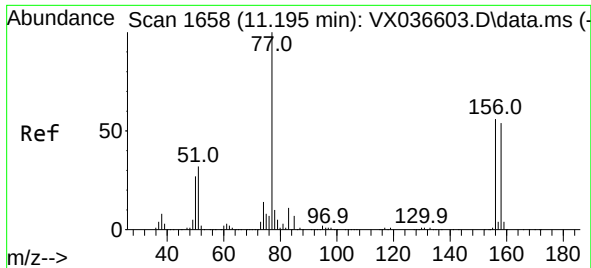
Tgt Ion: 75 Resp: 1787

Ion Ratio Lower Upper

75 100

77 42.2 19.1 57.5

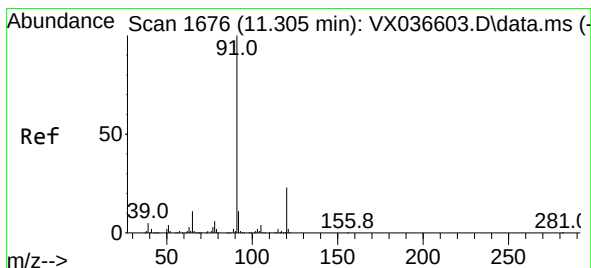
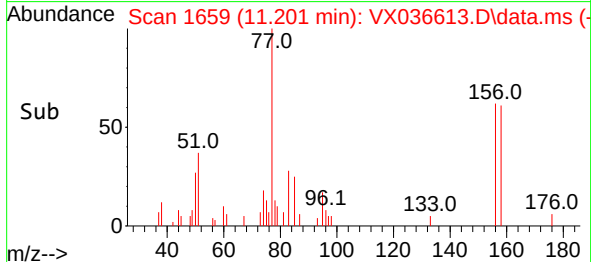
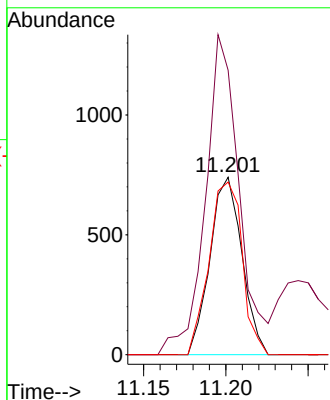
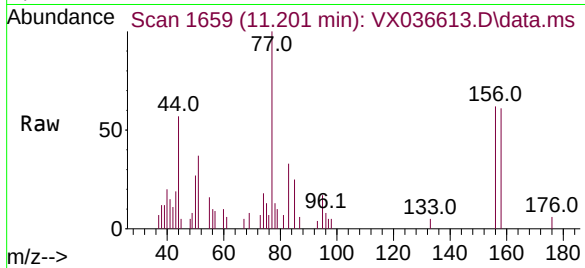




#77
Bromobenzene
Concen: 0.505 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

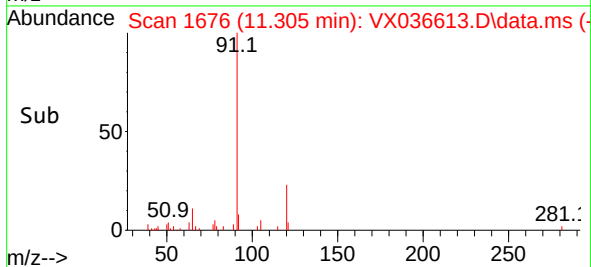
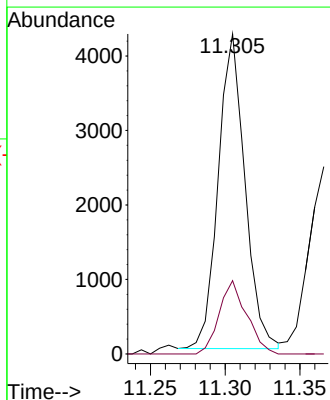
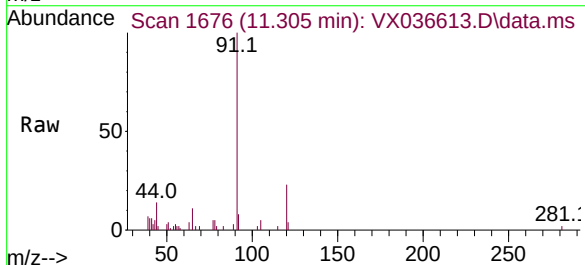
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

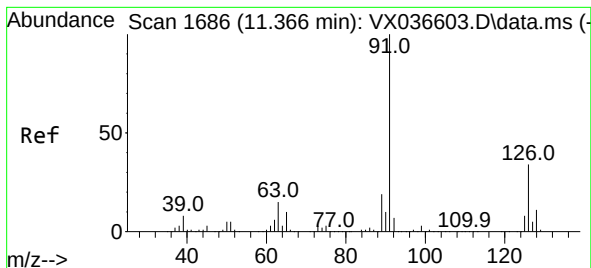
Tgt Ion:156 Resp: 1001
Ion Ratio Lower Upper
156 100
77 190.2 88.4 265.3
158 100.9 48.0 144.0



#78
n-propylbenzene
Concen: 0.520 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 91 Resp: 5232
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4

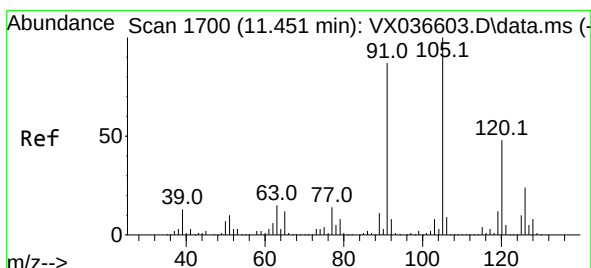
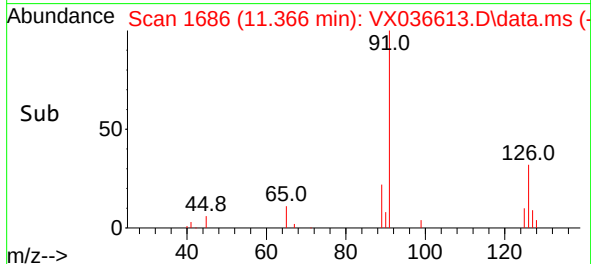
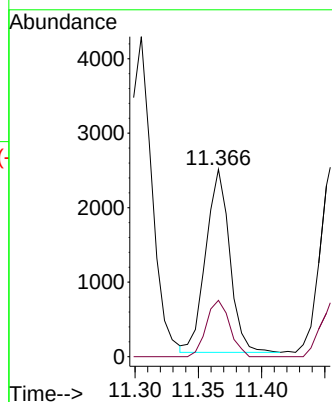
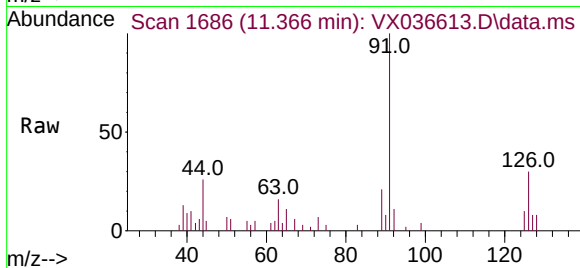




#79
2-Chlorotoluene
Concen: 0.532 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

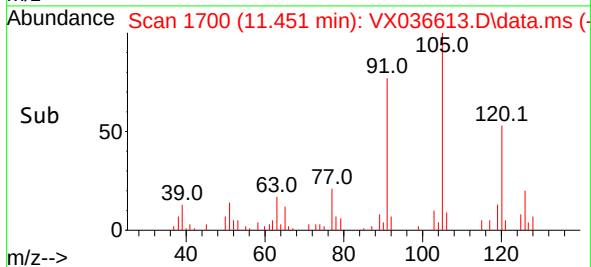
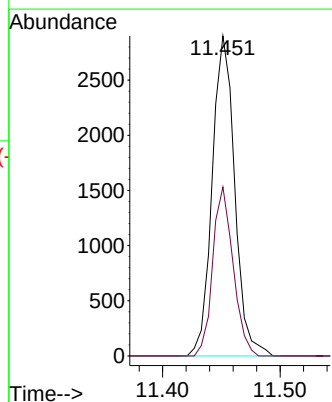
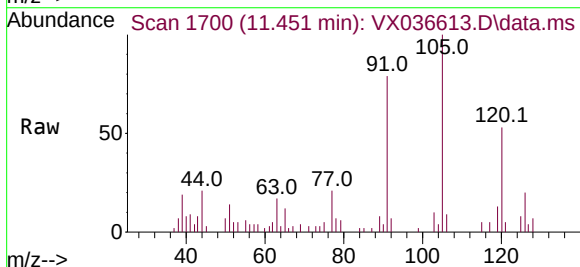
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

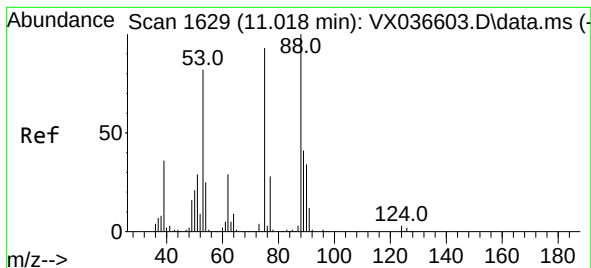
Tgt Ion: 91 Resp: 3243
Ion Ratio Lower Upper
91 100
126 30.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.532 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 105 Resp: 3870
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

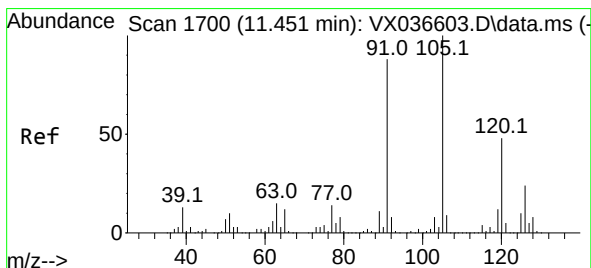
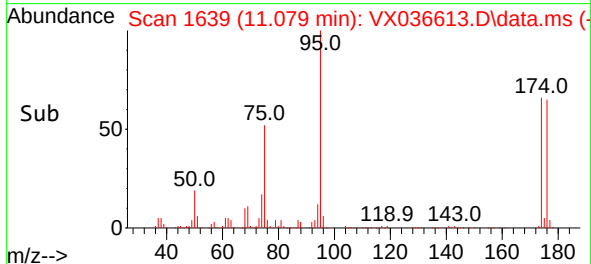
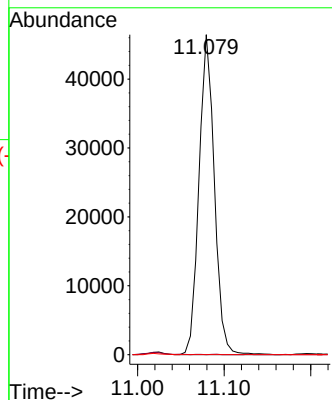
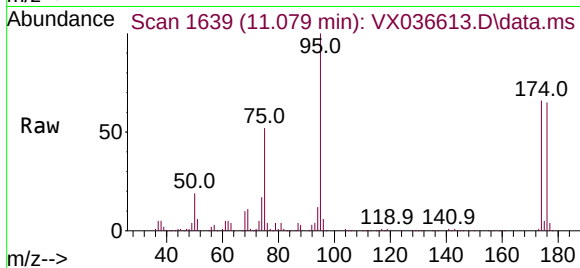




#81
trans-1,4-Dichloro-2-butene
Concen: 52.466 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

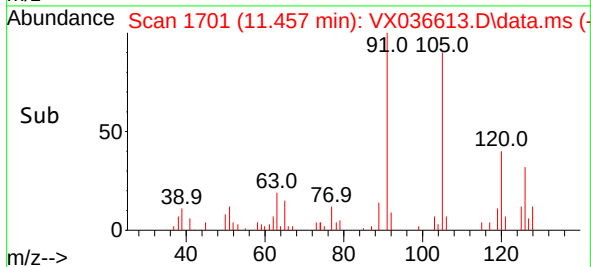
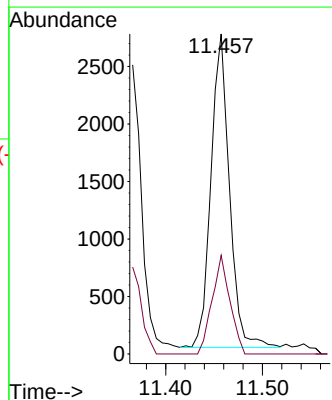
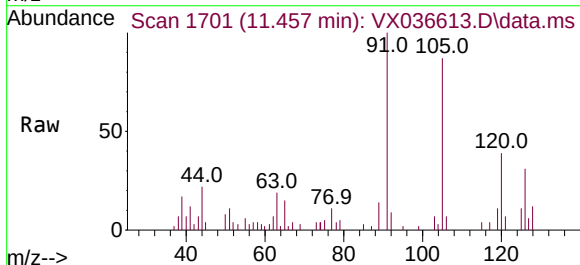
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

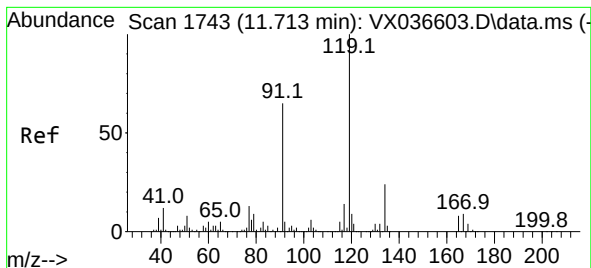
Tgt Ion: 75 Resp: 57222
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.521 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion: 91 Resp: 3616
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.514 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

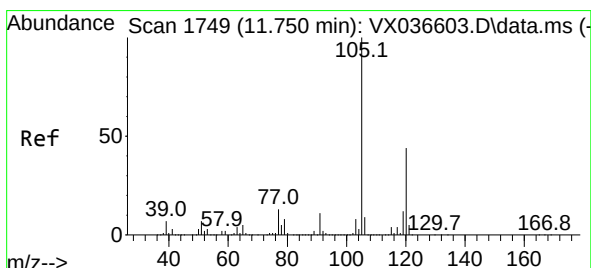
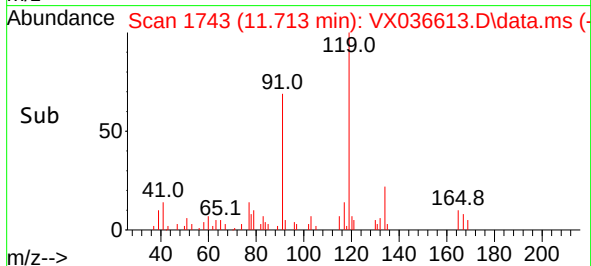
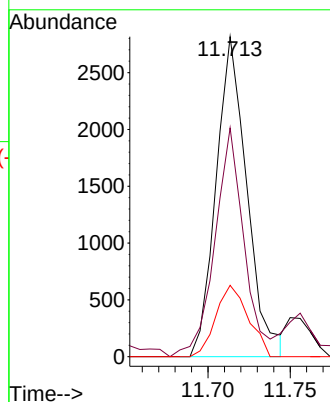
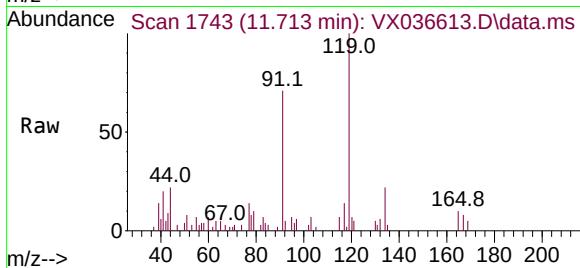
Tgt Ion:119 Resp: 3673

Ion Ratio Lower Upper

119 100

91 67.3 31.2 93.6

134 23.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.478 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036613.D

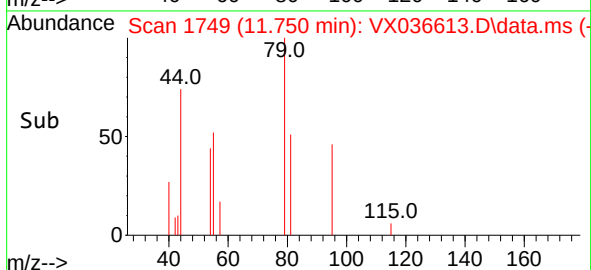
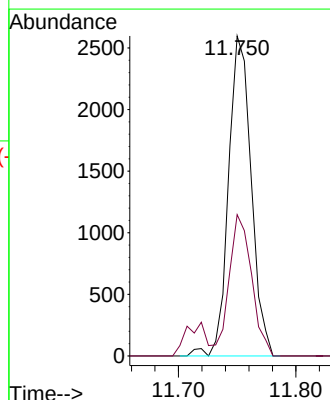
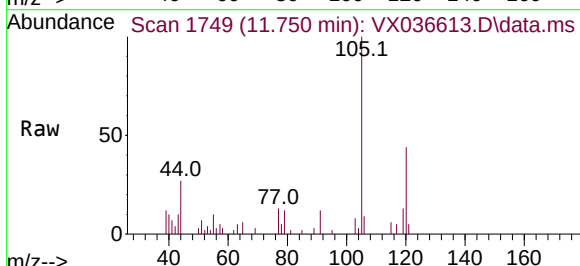
Acq: 21 Jul 2023 16:51

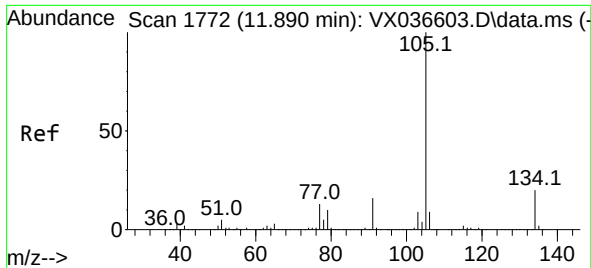
Tgt Ion:105 Resp: 3482

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6

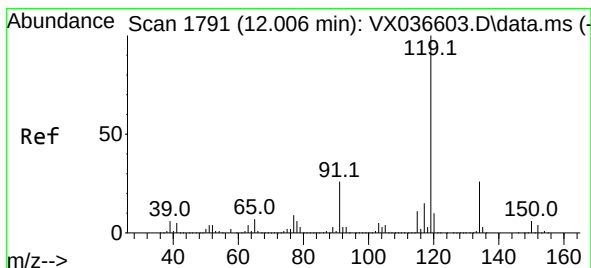
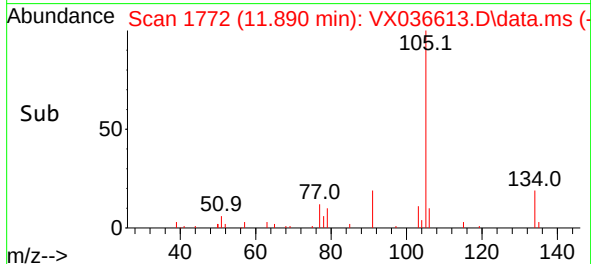
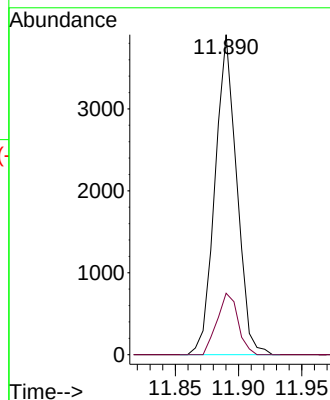
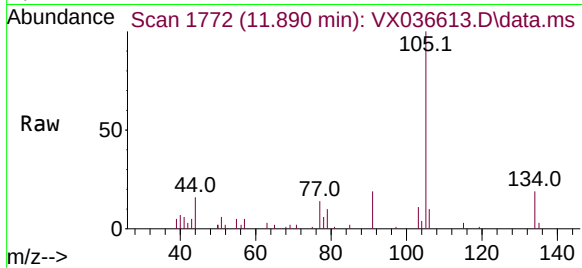




#85
 sec-Butylbenzene
 Concen: 0.522 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

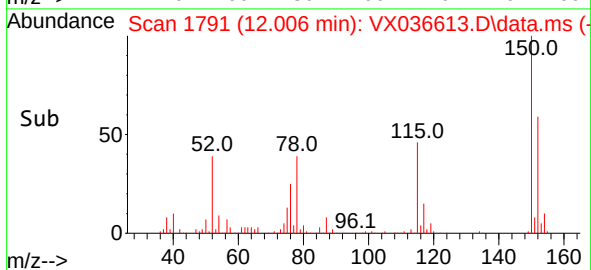
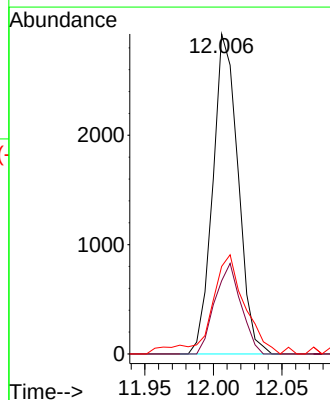
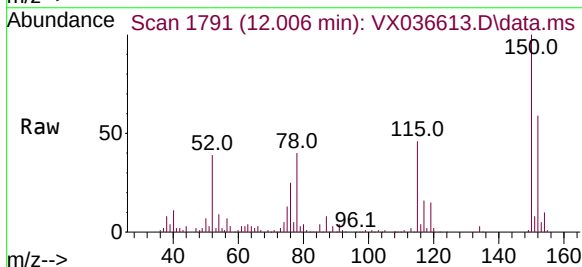
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

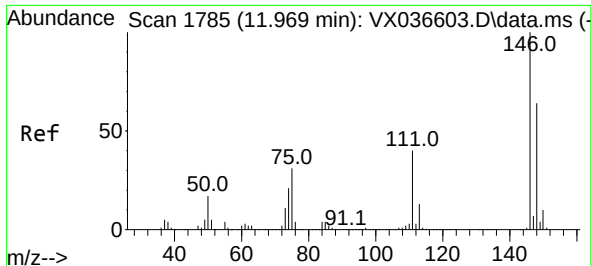
Tgt Ion:105 Resp: 4653
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.510 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036613.D
 Acq: 21 Jul 2023 16:51

Tgt Ion:119 Resp: 3743
 Ion Ratio Lower Upper
 119 100
 134 29.2 12.8 38.3
 91 41.7 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.517 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

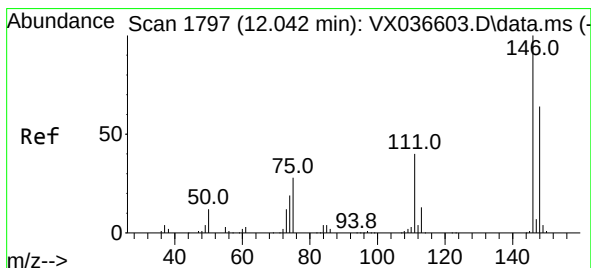
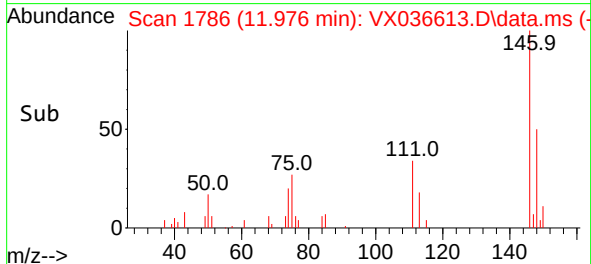
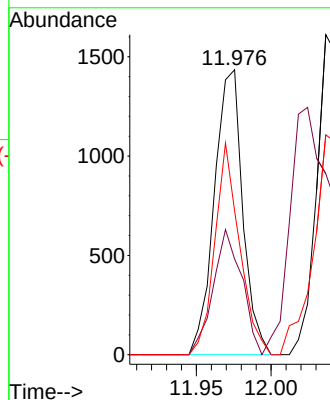
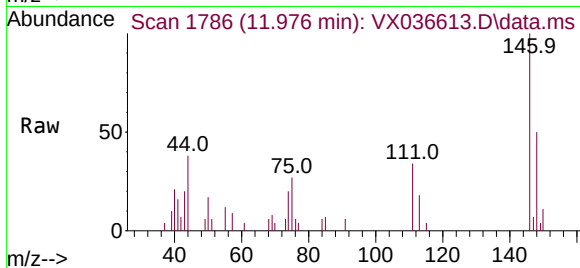
Tgt Ion:146 Resp: 1897

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.1

148 64.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.521 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

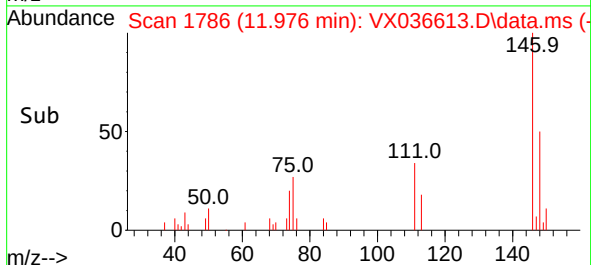
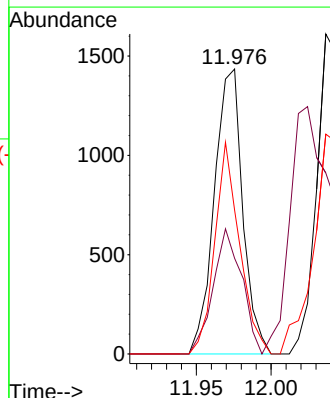
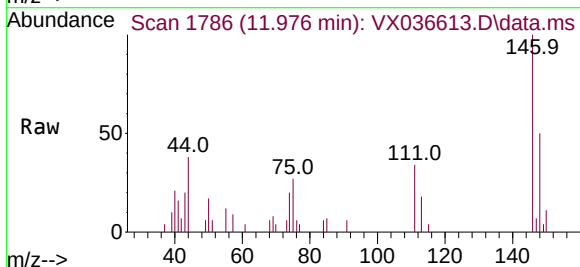
Tgt Ion:146 Resp: 1897

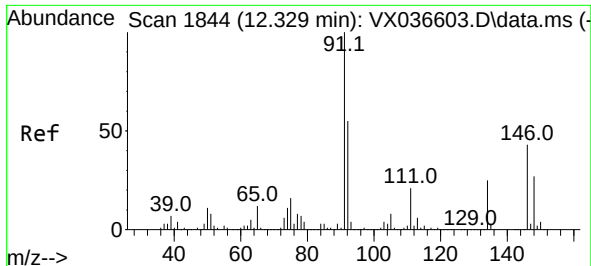
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 0.525 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

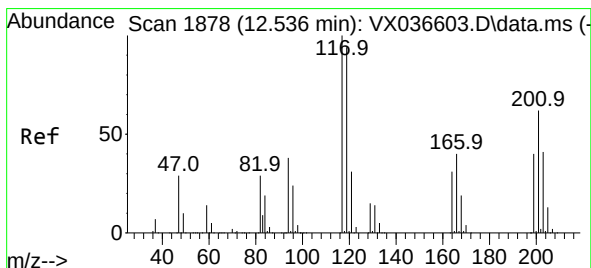
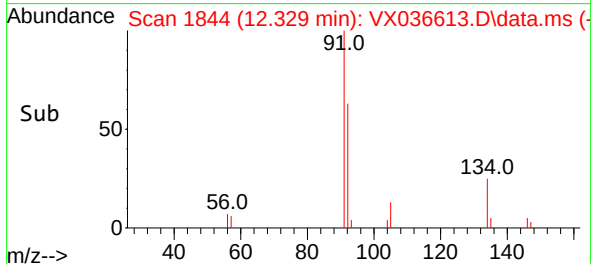
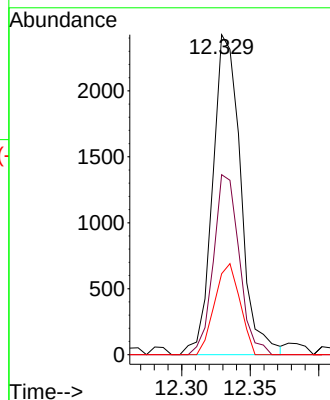
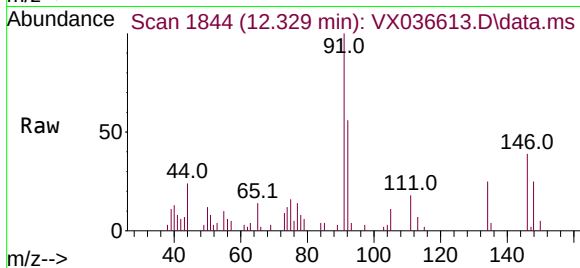
Tgt Ion: 91 Resp: 3448

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

134 25.6 12.6 37.8



#90

Hexachloroethane

Concen: 0.494 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036613.D

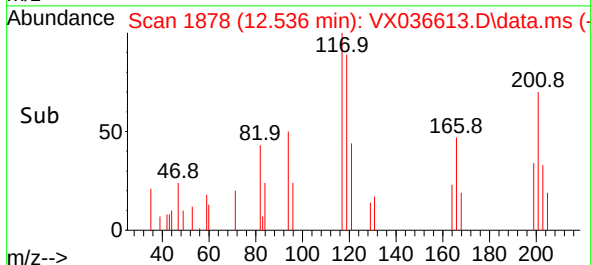
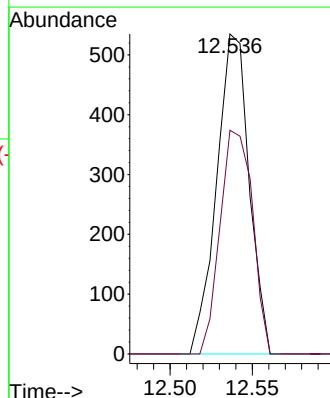
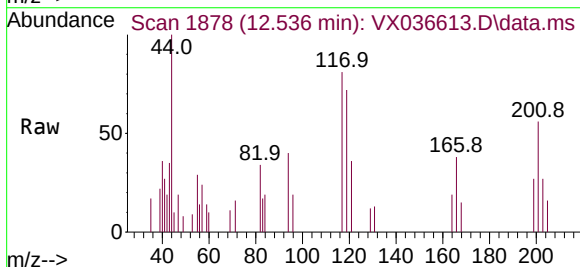
Acq: 21 Jul 2023 16:51

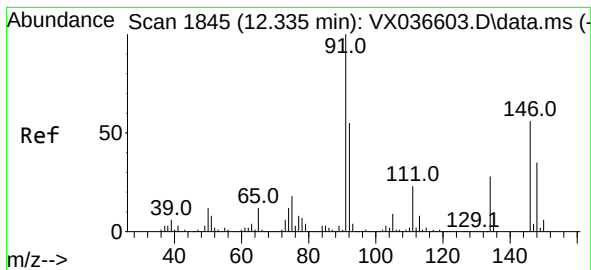
Tgt Ion: 117 Resp: 735

Ion Ratio Lower Upper

117 100

201 69.7 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 0.529 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

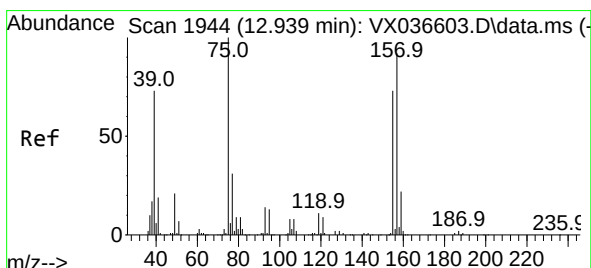
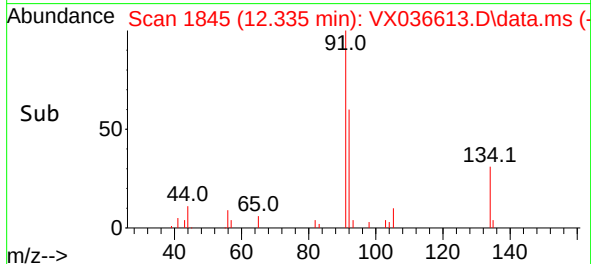
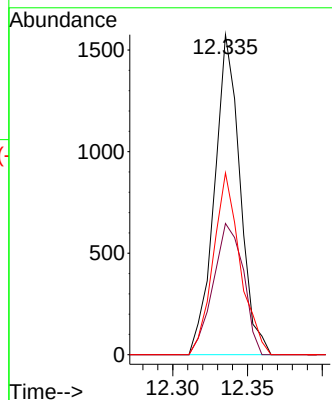
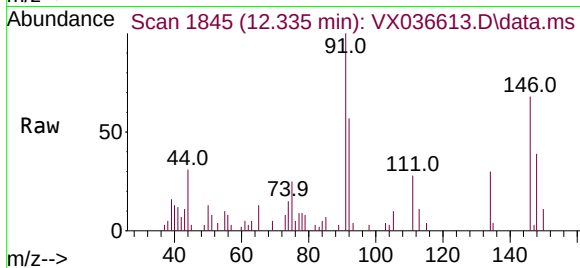
Tgt Ion:146 Resp: 1874

Ion Ratio Lower Upper

146 100

111 48.2 22.4 67.0

148 59.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.448 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

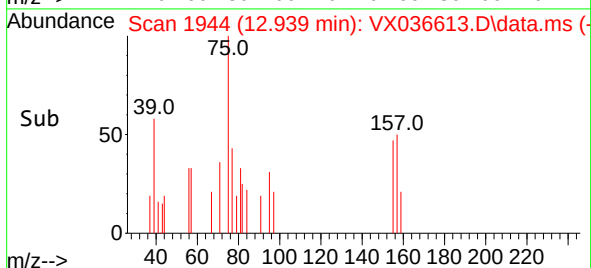
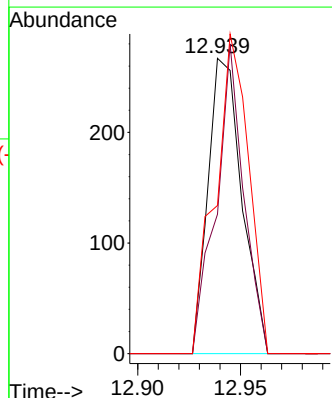
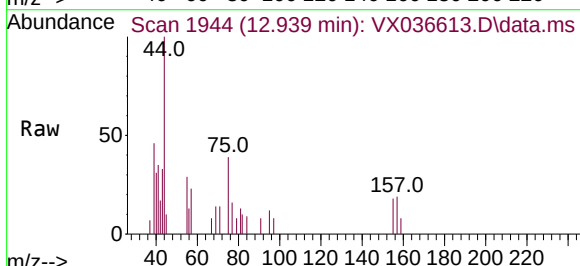
Tgt Ion: 75 Resp: 306

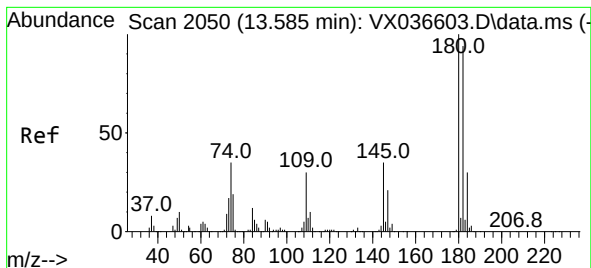
Ion Ratio Lower Upper

75 100

155 85.3 36.1 108.5

157 106.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.518 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

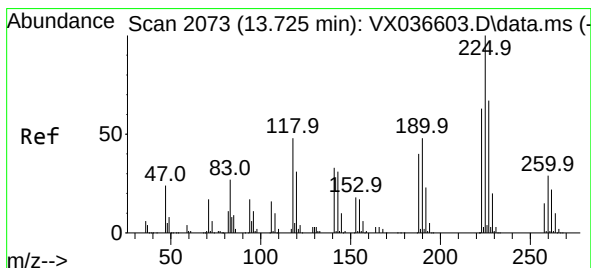
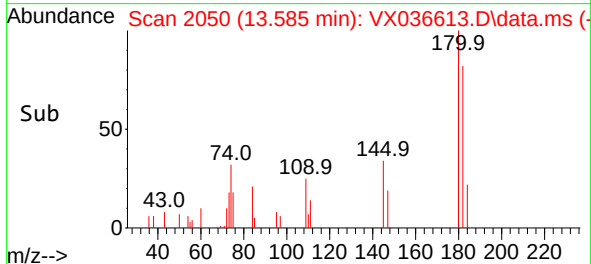
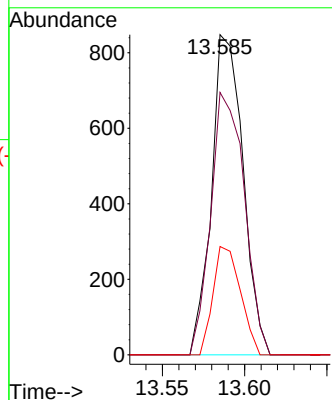
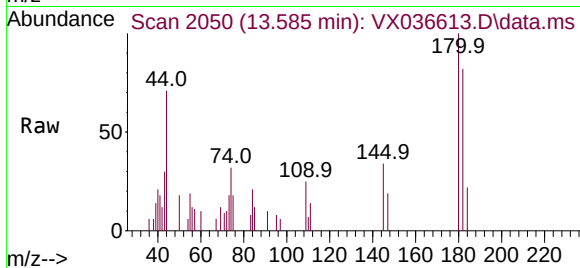
Tgt Ion:180 Resp: 1130

Ion Ratio Lower Upper

180 100

182 87.3 48.3 144.8

145 29.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.465 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036613.D

Acq: 21 Jul 2023 16:51

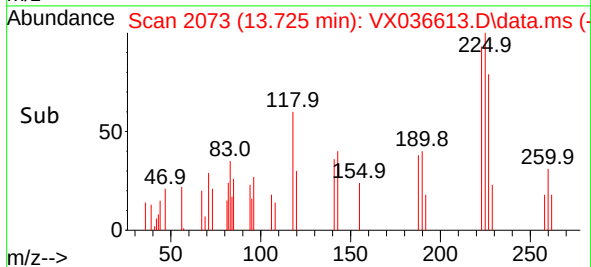
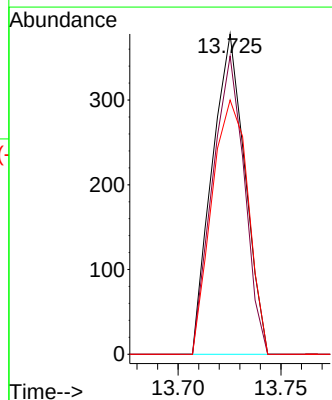
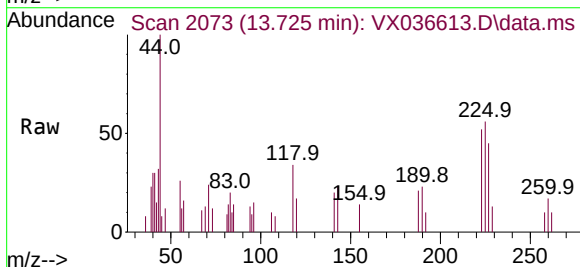
Tgt Ion:225 Resp: 420

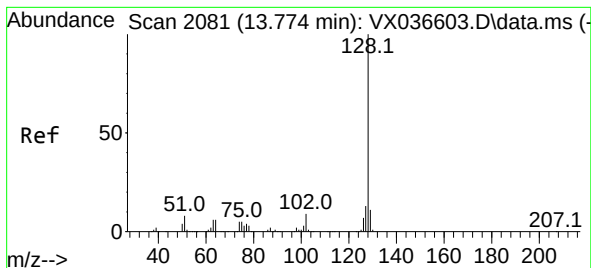
Ion Ratio Lower Upper

225 100

223 90.0 31.1 93.2

227 87.9 32.5 97.5

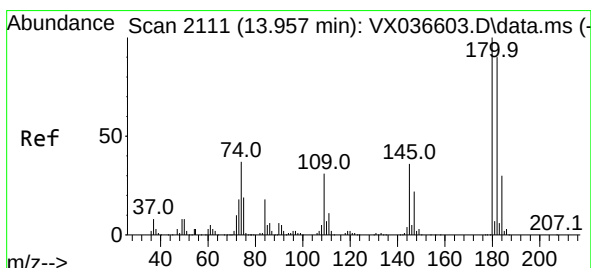
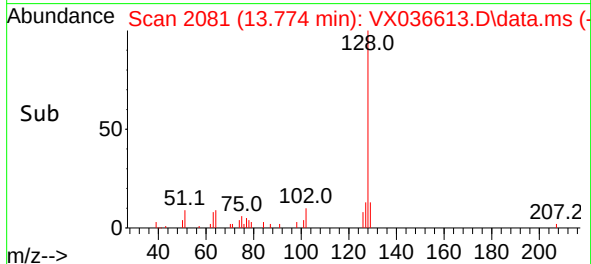
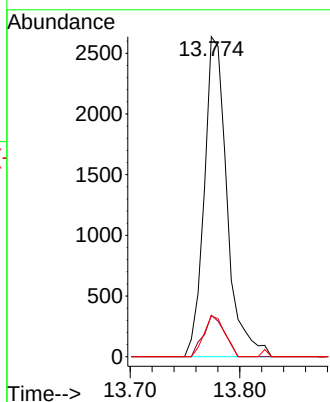
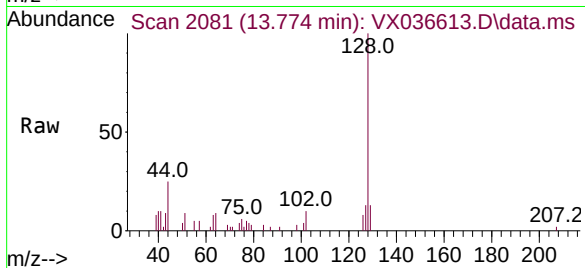




#95
Naphthalene
Concen: 0.501 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:	128	Resp:	3805
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.3	15.5
129	11.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.492 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036613.D
Acq: 21 Jul 2023 16:51

Tgt Ion:	180	Resp:	1058
Ion Ratio	Lower	Upper	
180	100		
182	92.0	46.9	140.6
145	35.3	17.8	53.5

