

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051445.D
 Acq On : 18 Oct 2022 16:47
 Operator : JC/MD
 Sample : N4955-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 19 03:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 19 03:54:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	46079	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12964	0.802	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16125	0.893	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	11339	0.705	ug/l	97
3) Chloromethane	1.533	50	17949	0.708	ug/l	96
4) Vinyl Chloride	1.604	62	15292	0.697	ug/l	95
5) Bromomethane	1.851	94	9900	0.809	ug/l	87
6) Chloroethane	1.929	64	10156	0.812	ug/l	93
7) Trichlorofluoromethane	2.138	101	16623	0.678	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	9961	0.736	ug/l	98
9) 1,1-Dichloroethene	2.578	96	10131	0.716	ug/l	99
10) Iodomethane	2.719	142	12466	0.680	ug/l	100
11) Allyl Chloride	2.919	41	15804	0.733	ug/l	94
12) Acrylonitrile	3.314	53	6434	1.546	ug/l	93
13) Acetone	2.626	43	11764	3.926	ug/l	97
14) Carbon Disulfide	2.790	76	35367	0.702	ug/l	100
15) Methylene Chloride	3.041	84	21098	1.019	ug/l	93
16) trans-1,2-Dichloroethene	3.346	96	10959	0.676	ug/l	90
17) 1,1-Dichloroethane	3.861	63	20363	0.698	ug/l	98
18) 2-Butanone	4.716	43	12987	3.572	ug/l	97
19) Cyclohexane	5.385	56	8877	0.491	ug/l	90
20) Methylcyclohexane	6.758	83	9641	0.538	ug/l	94
21) 2,2-Dichloropropane	4.665	77	13384	0.657	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	9979	0.650	ug/l	96
23) Diethyl Ether	2.379	59	9362	0.758	ug/l	97
24) tert-Butyl Alcohol	3.189	59	12453	9.617	ug/l	95
25) Methyl tert-Butyl Ether	3.369	73	27998	0.761	ug/l	95
26) Bromochloromethane	4.973	128	5626	0.752	ug/l	98
27) Chloroform	5.089	83	21168	0.717	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	15677	0.665	ug/l	95
29) 1,1-Dichloropropene	5.523	75	10489	0.581	ug/l	99
30) Carbon Tetrachloride	5.520	117	13353	0.671	ug/l	93
31) Isopropyl Ether	3.999	45	21545	0.625	ug/l	82
32) Ethyl-t-butyl ether	4.510	59	19177	0.609	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	16469	0.595	ug/l	98
34) Propionitrile	4.793	54	4441	3.633	ug/l #	95
35) Benzene	5.771	78	37615	0.621	ug/l	99
36) 1,2-Dichloroethane	5.793	62	13787	0.738	ug/l	97
37) Trichloroethene	6.542	130	9177	0.645	ug/l	98
38) 1,2-Dichloropropane	6.790	63	10742	0.646	ug/l	95
39) Methacrylonitrile	4.983	41	2433	0.582	ug/l	91
40) Methyl acrylate	4.858	55	4642	0.697	ug/l #	90
41) Tetrahydrofuran	5.070	42	2709	1.235	ug/l	97
42) 1-Chlorobutane	5.456	56	15271	0.620	ug/l	97
43) Dibromomethane	6.919	93	5683	0.659	ug/l	98
44) Bromodichloromethane	7.105	83	14448	0.692	ug/l #	99

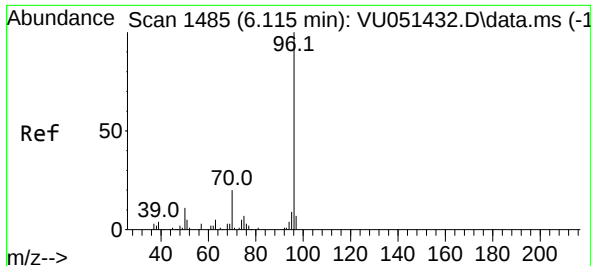
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	24123	2.938	ug/l	94
46) t-1,4-Dichloro-2-butene	10.822	75	11700	2.554	ug/l #	52
47) Methyl methacrylate	6.967	69	7229	1.096	ug/l	96
48) Ethyl methacrylate	8.333	69	5983	0.542	ug/l	93
49) Toluene	7.970	92	17977	0.541	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	10391	0.619	ug/l	95
51) cis-1,3-Dichloropropene	7.610	75	11857	0.599	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	8621	0.700	ug/l	90
53) 1,3-Dichloropropane	8.578	76	13037	0.657	ug/l	97
54) 2-Hexanone	8.687	43	15876	2.812	ug/l	90
55) Dibromochloromethane	8.809	129	9369	0.700	ug/l	96
56) 1,2-Dibromoethane	8.925	107	7129	0.658	ug/l	99
58) Tetrachloroethene	8.552	164	8034	0.649	ug/l	96
59) Chlorobenzene	9.446	112	22045	0.605	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.536	131	9794	0.701	ug/l	96
61) Pentachloroethane	11.427	117	8385	0.673	ug/l	90
62) Hexachloroethane	12.475	117	8029	0.679	ug/l	98
63) Ethyl Benzene	9.568	91	27583	0.499	ug/l	100
64) m/p-Xylenes	9.693	106	20215	0.917	ug/l	98
65) o-Xylene	10.099	106	10507	0.490	ug/l	99
66) Styrene	10.115	104	15152	0.426	ug/l	94
67) Bromoform	10.288	173	5397	0.718	ug/l	96
69) Isopropylbenzene	10.481	105	24023	0.455	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	11867	0.713	ug/l	95
71) 1,2,3-Trichloropropane	10.822	75	11700	0.946	ug/l #	55
72) Bromobenzene	10.780	156	7994	0.551	ug/l	98
73) n-propylbenzene	10.906	120	5924	0.399	ug/l	81
74) 2-Chlorotoluene	10.986	126	6518	0.462	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	19958	0.417	ug/l	96
76) 4-Chlorotoluene	11.099	126	6630	0.459	ug/l	84
77) tert-Butylbenzene	11.420	119	23299	0.498	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	19583	0.393	ug/l	97
79) sec-Butylbenzene	11.642	105	26375	0.426	ug/l	97
80) Nitrobenzene	13.217	77	2547	3.089	ug/l #	90
81) p-Isopropyltoluene	11.793	119	19677	0.398	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	18236	0.585	ug/l	92
83) 1,4-Dichlorobenzene	11.838	146	16049	0.526	ug/l	97
84) n-Butylbenzene	12.211	91	19524	0.398	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	16390	0.534	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1772	0.680	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	8592	0.517	ug/l	99
88) Hexachlorobutadiene	14.018	225	6195	0.571	ug/l	95
89) Naphthalene	14.092	128	14862	0.427	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	7928	0.436	ug/l	95

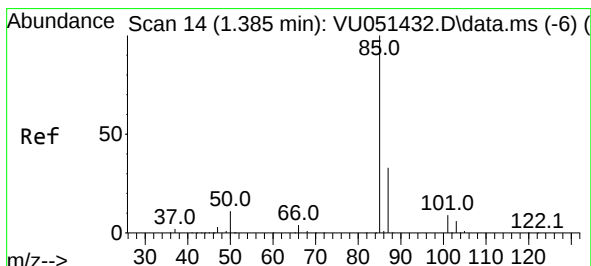
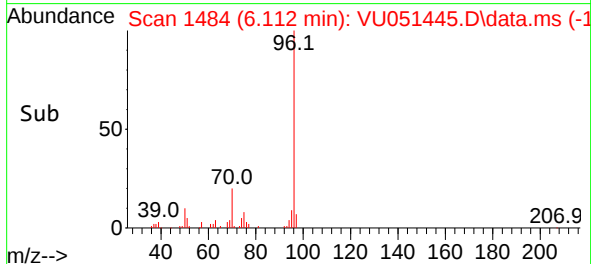
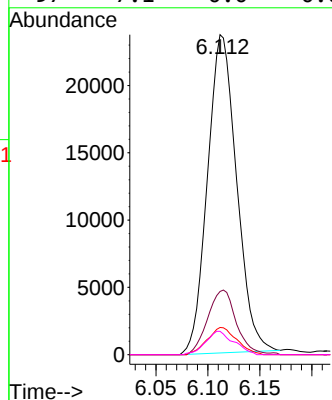
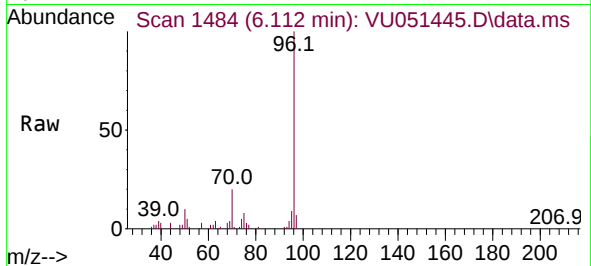
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

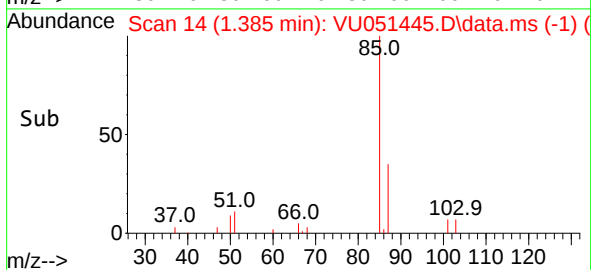
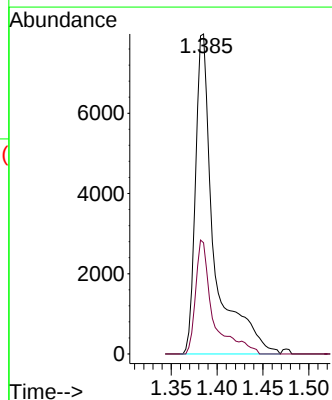
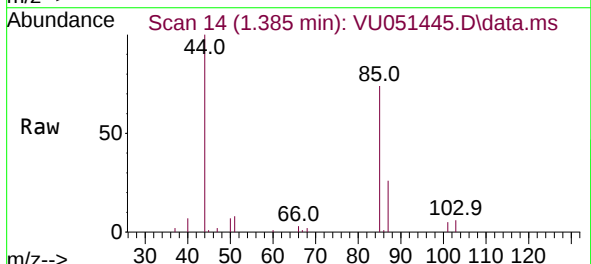
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

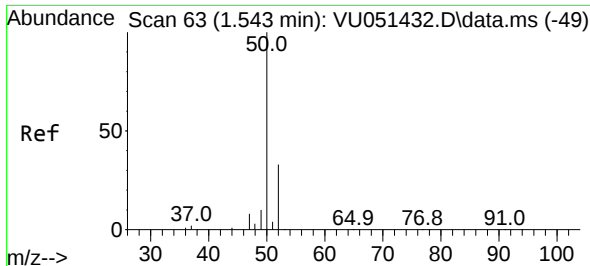
Tgt Ion: 96 Resp: 46079
Ion Ratio Lower Upper
96 100
70 20.0 16.7 25.1
95 8.7 7.5 11.3
97 7.1 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 85 Resp: 11339
Ion Ratio Lower Upper
85 100
87 34.8 16.4 49.4

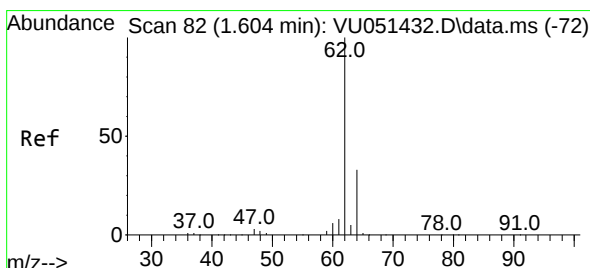
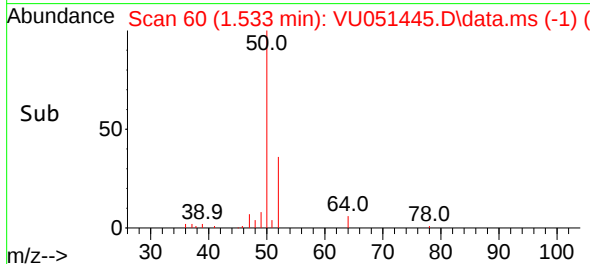
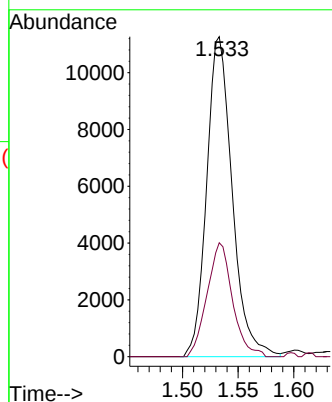
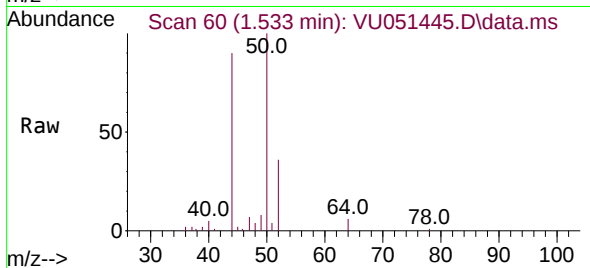




#3
Chloromethane
Concen: 0.708 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

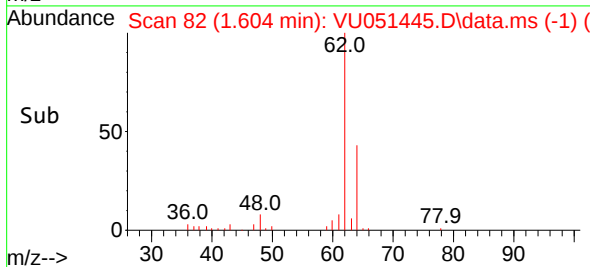
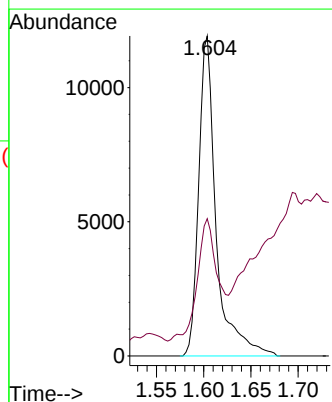
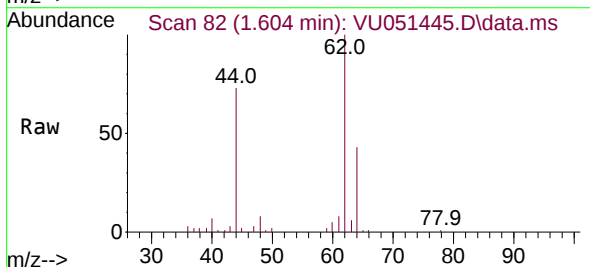
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

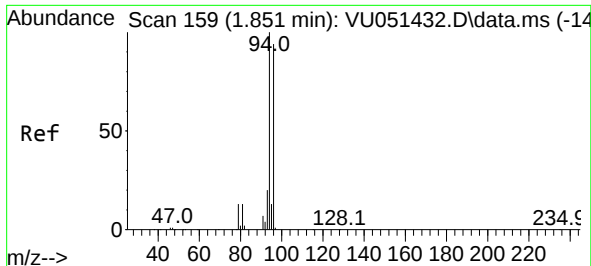
Tgt Ion: 50 Resp: 17949
Ion Ratio Lower Upper
50 100
52 35.6 26.7 40.1



#4
Vinyl Chloride
Concen: 0.697 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 62 Resp: 15292
Ion Ratio Lower Upper
62 100
64 36.2 26.7 40.1

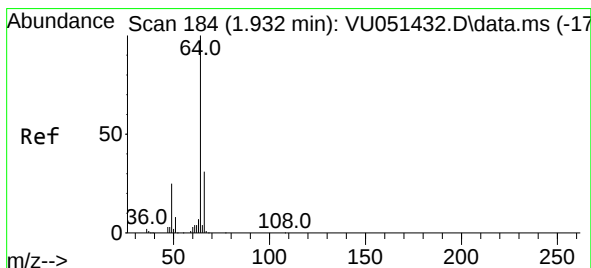
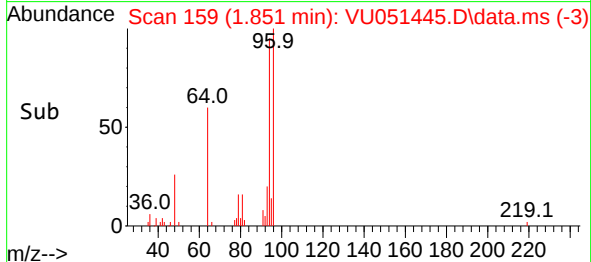
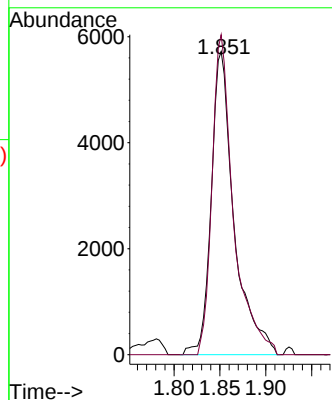
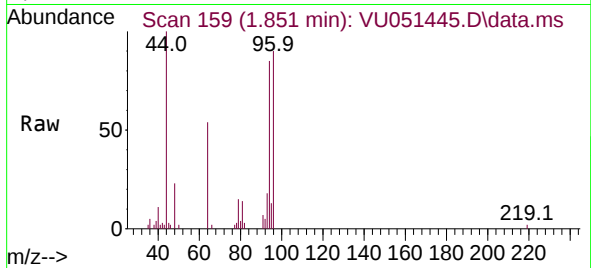




#5
Bromomethane
Concen: 0.809 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

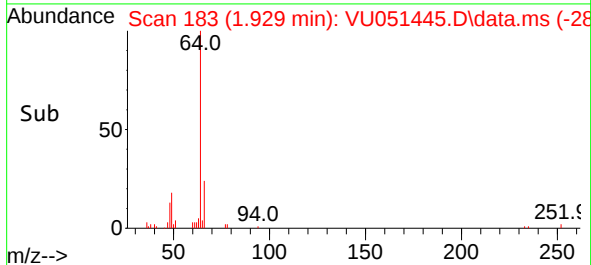
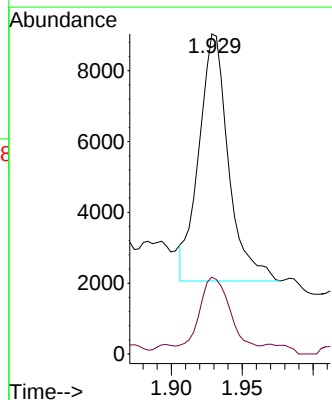
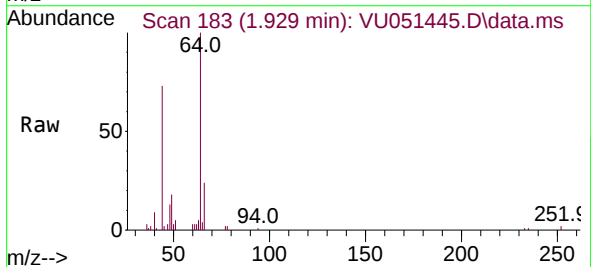
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

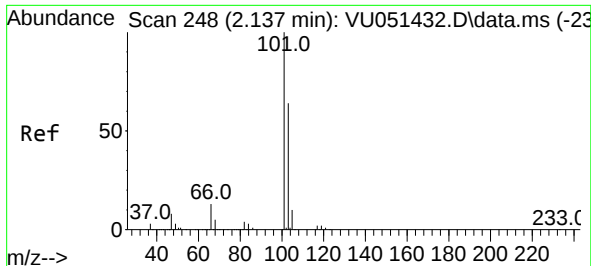
Tgt Ion: 94 Resp: 9900
Ion Ratio Lower Upper
94 100
96 105.6 74.8 112.2



#6
Chloroethane
Concen: 0.812 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 64 Resp: 10156
Ion Ratio Lower Upper
64 100
66 27.6 25.2 37.8

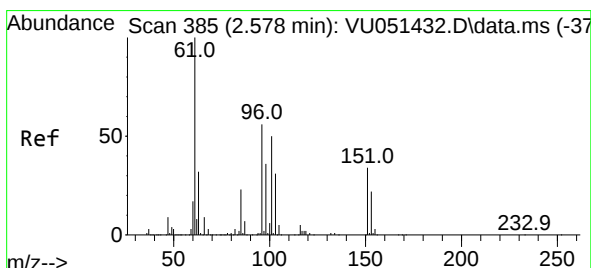
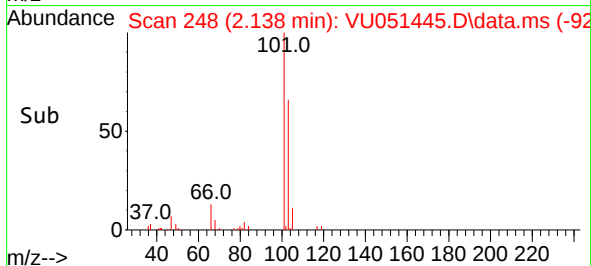
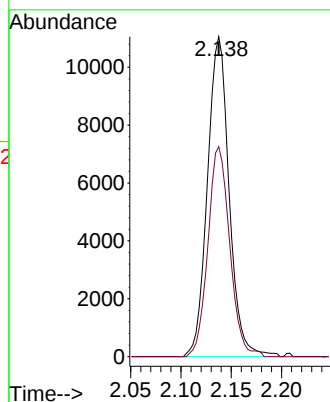
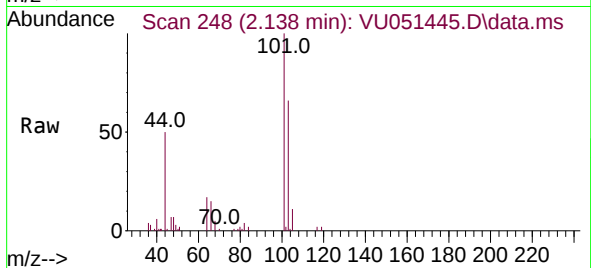




#7
 Trichlorofluoromethane
 Concen: 0.678 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

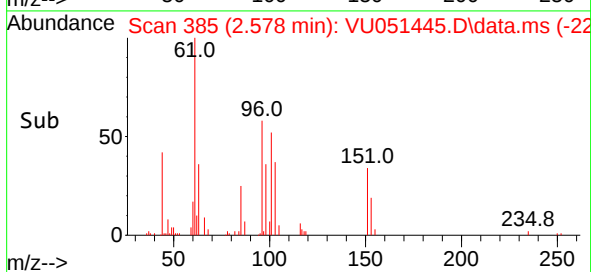
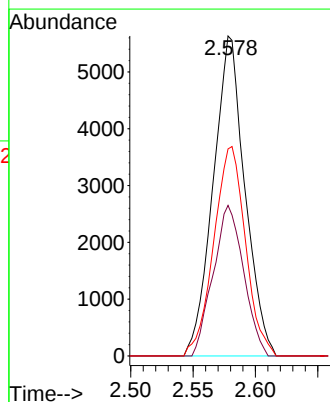
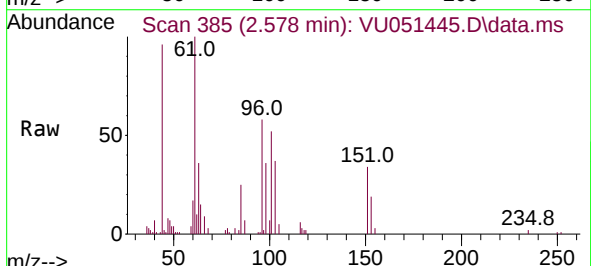
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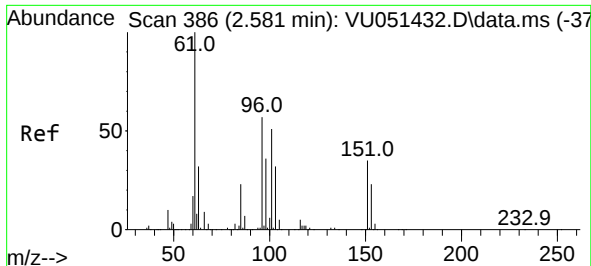
Tgt Ion:101 Resp: 16623
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.736 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

Tgt Ion:101 Resp: 9961
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.6 54.8
 151 65.6 54.6 81.8

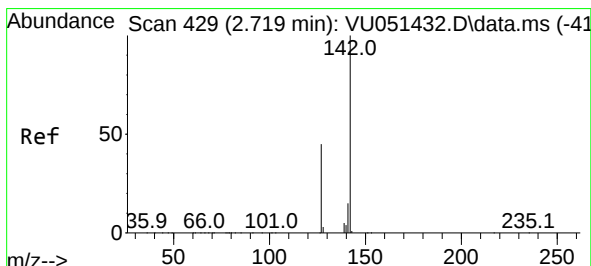
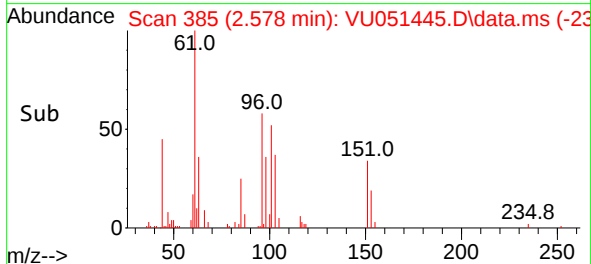
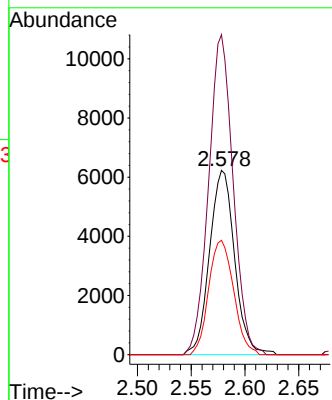
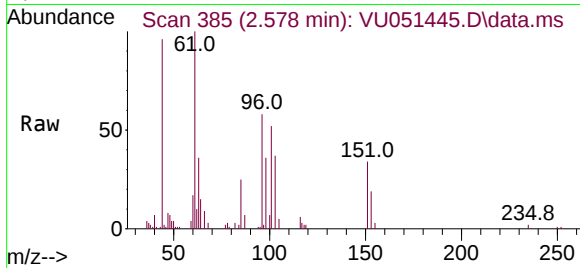




#9
1,1-Dichloroethene
Concen: 0.716 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

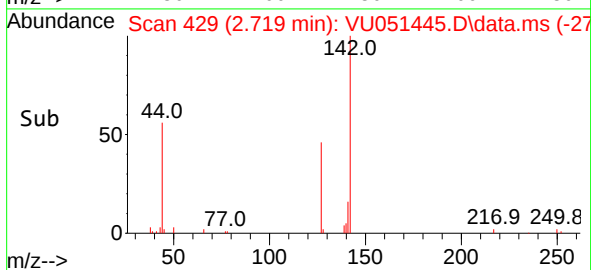
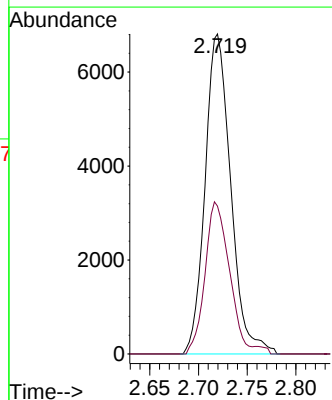
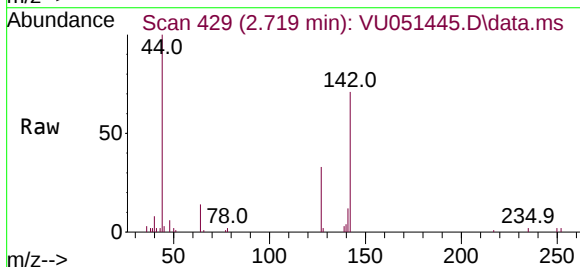
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

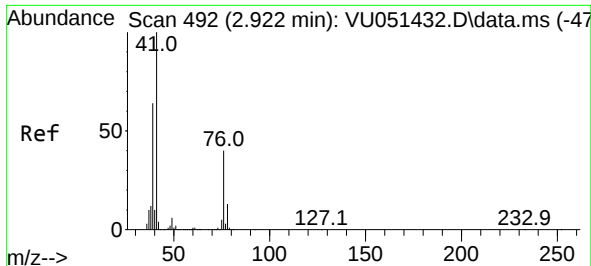
Tgt Ion: 96 Resp: 10131
Ion Ratio Lower Upper
96 100
61 173.7 0.0 522.3
98 62.1 0.0 126.6



#10
Iodomethane
Concen: 0.680 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 142 Resp: 12466
Ion Ratio Lower Upper
142 100
127 46.0 37.0 55.4





#11

Allyl Chloride

Concen: 0.733 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

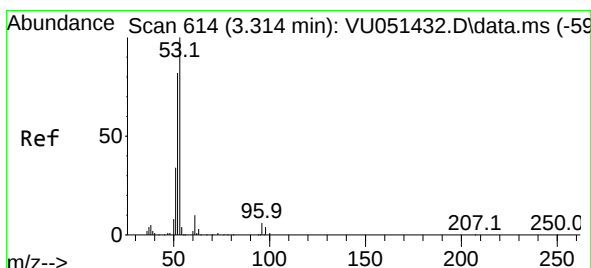
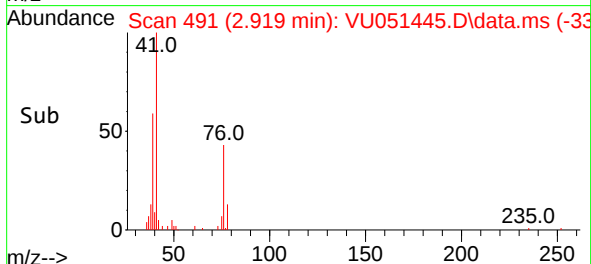
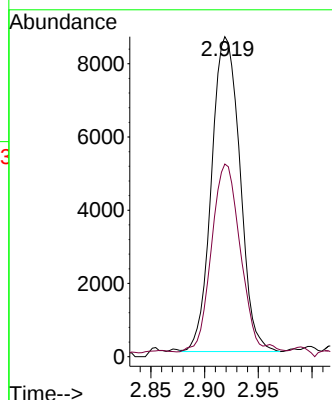
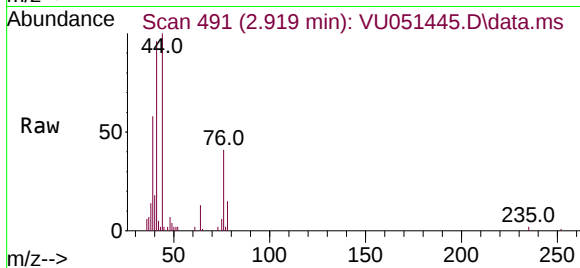
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 41 Resp: 15804

Ion Ratio Lower Upper

41 100

39 59.7 51.4 77.0



#12

Acrylonitrile

Concen: 1.546 ug/l

RT: 3.314 min Scan# 614

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

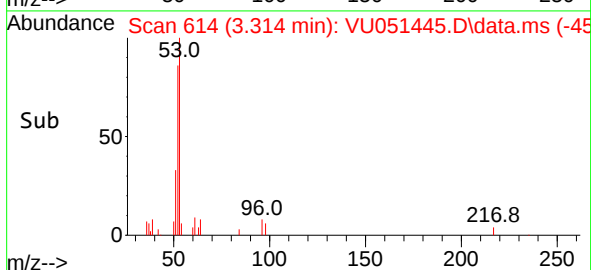
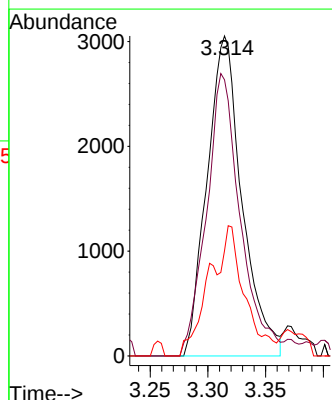
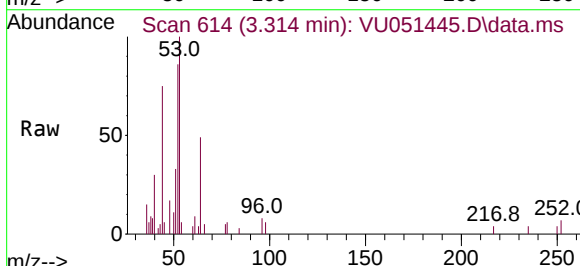
Tgt Ion: 53 Resp: 6434

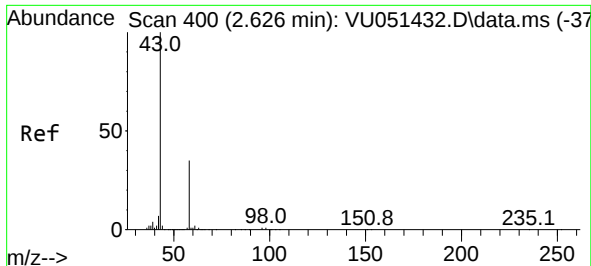
Ion Ratio Lower Upper

53 100

52 85.3 63.9 95.9

51 26.7 25.9 38.9





#13

Acetone

Concen: 3.926 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

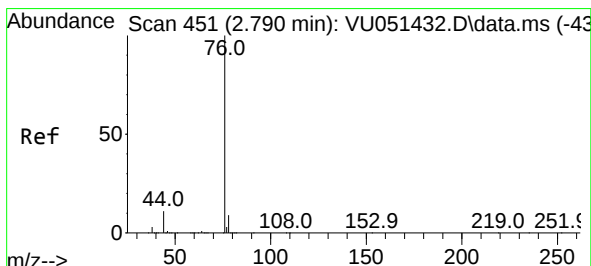
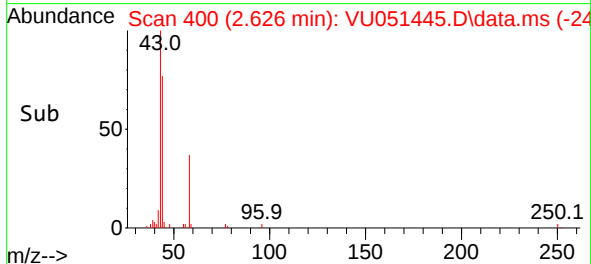
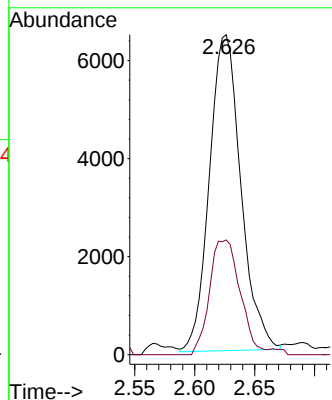
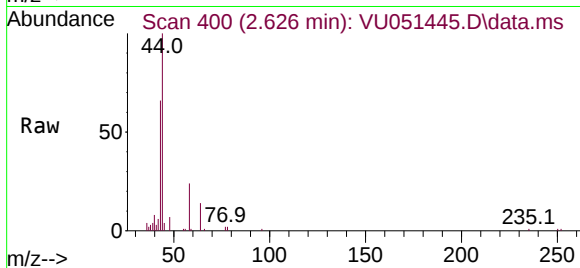
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 43 Resp: 11764

Ion Ratio Lower Upper

43 100

58 36.4 27.9 41.9



#14

Carbon Disulfide

Concen: 0.702 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051445.D

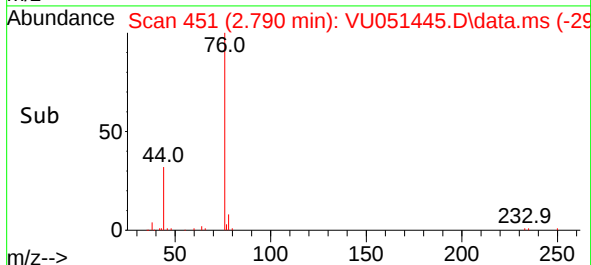
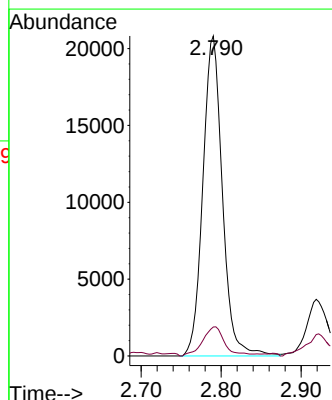
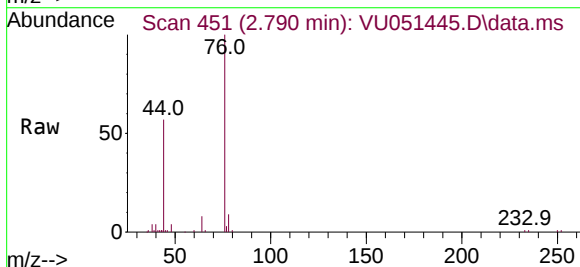
Acq: 18 Oct 2022 16:47

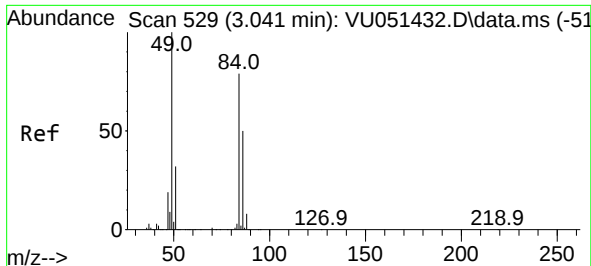
Tgt Ion: 76 Resp: 35367

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



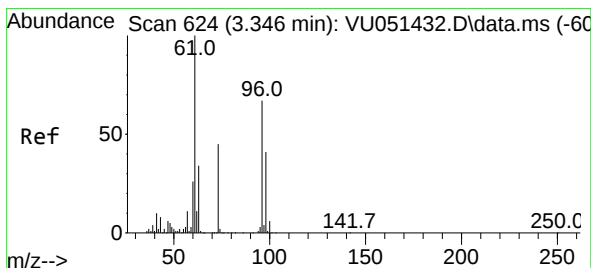
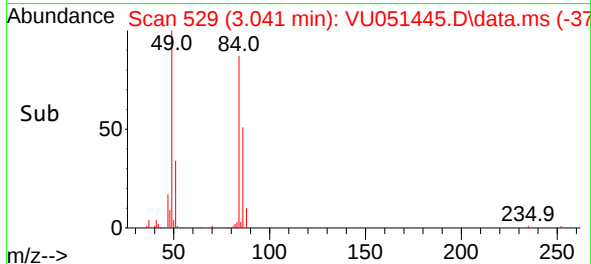
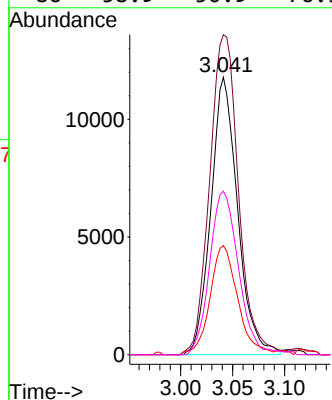
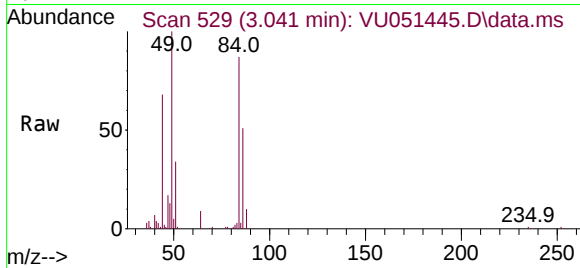


#15
Methylene Chloride
Concen: 1.019 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 84 Resp: 21098

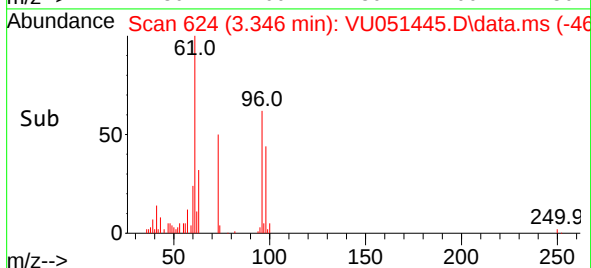
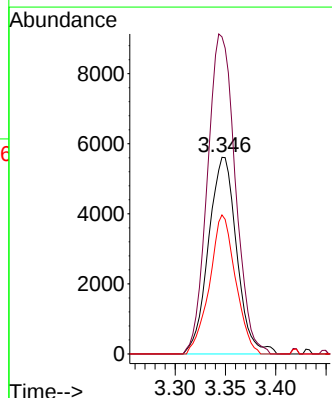
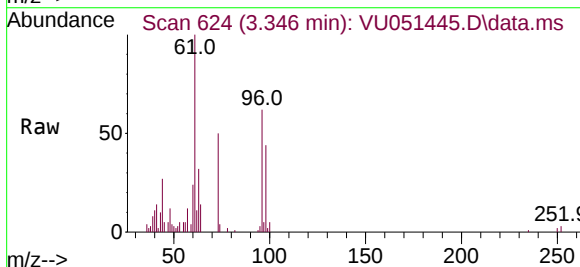
Ion	Ratio	Lower	Upper
84	100		
49	115.3	101.1	151.7
51	39.3	0.0	80.2
86	58.9	50.9	76.3

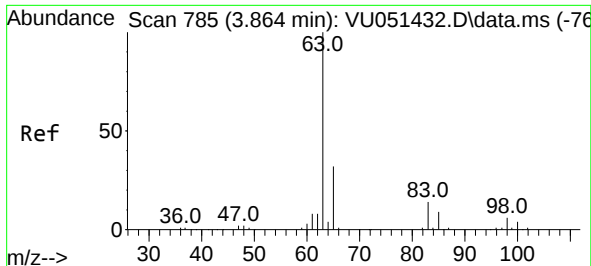


#16
trans-1,2-Dichloroethene
Concen: 0.676 ug/l
RT: 3.346 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 96 Resp: 10959

Ion	Ratio	Lower	Upper
96	100		
61	161.3	119.9	179.9
98	70.7	49.5	74.3

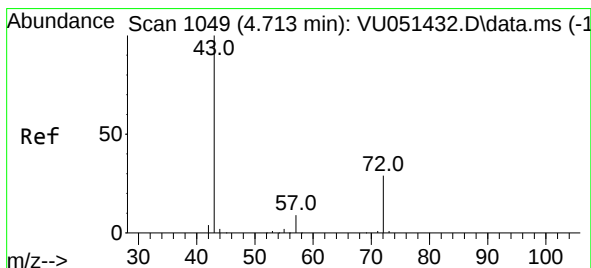
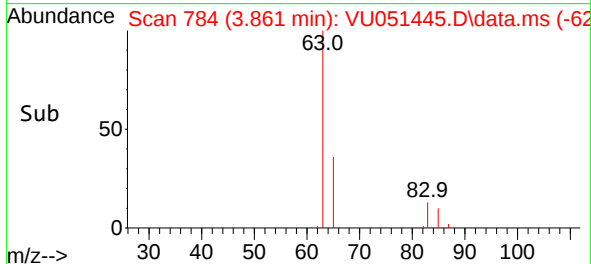
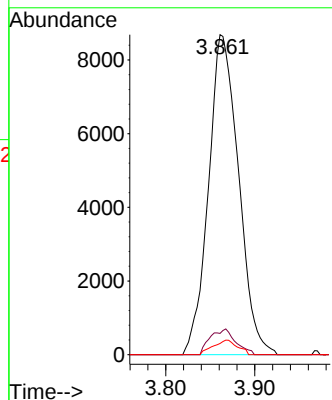
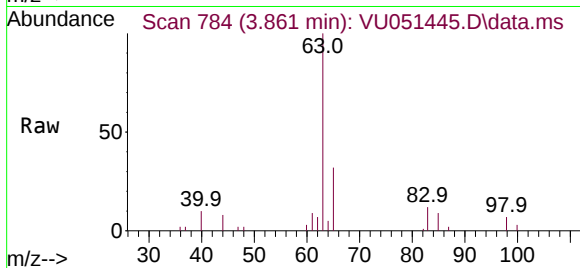




#17
1,1-Dichloroethane
Concen: 0.698 ug/l
RT: 3.861 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

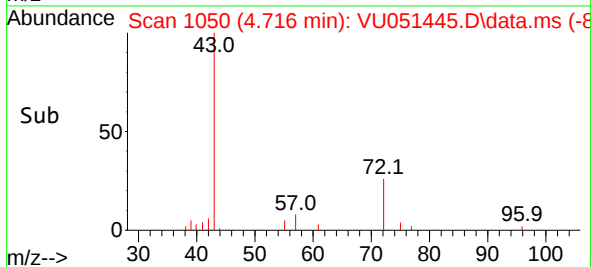
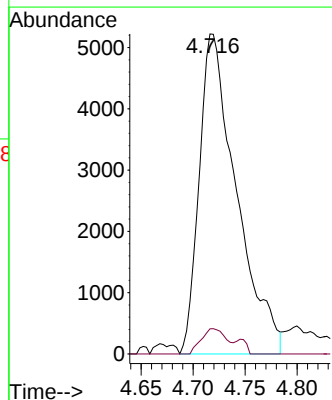
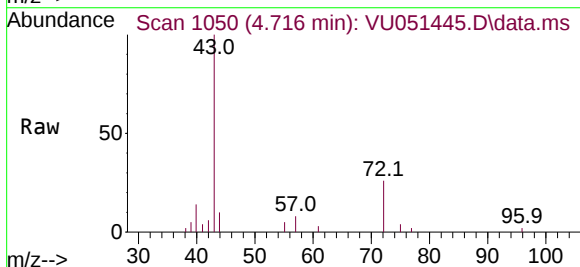
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

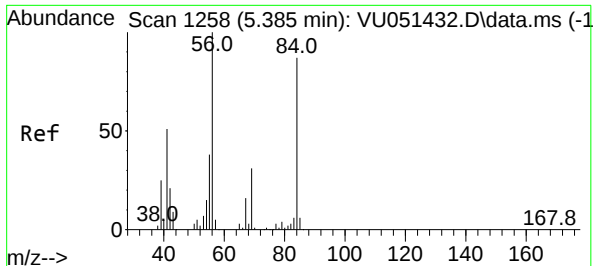
Tgt Ion: 63 Resp: 20363
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.3
100 3.5 2.1 6.3



#18
2-Butanone
Concen: 3.572 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 43 Resp: 12987
Ion Ratio Lower Upper
43 100
57 7.9 0.0 18.2





#19

Cyclohexane

Concen: 0.491 ug/l

RT: 5.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

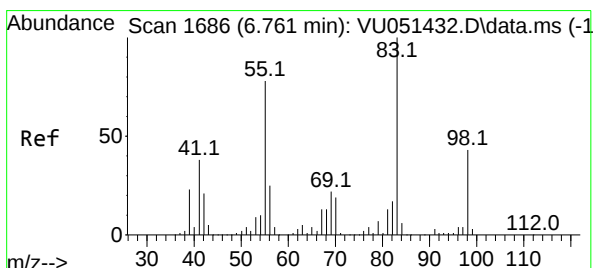
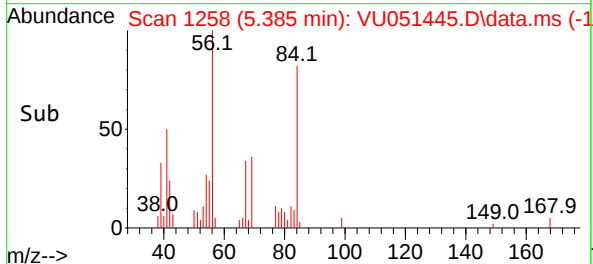
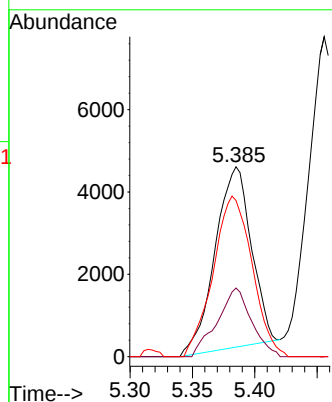
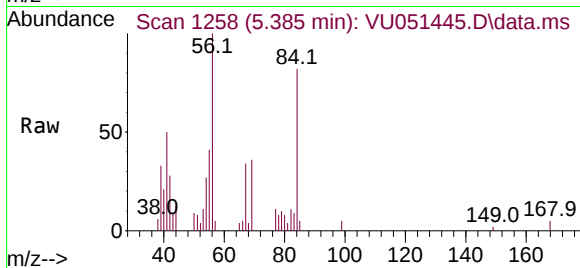
Tgt Ion: 56 Resp: 8877

Ion Ratio Lower Upper

56 100

69 35.8 25.0 37.4

84 95.8 68.5 102.7



#20

Methylcyclohexane

Concen: 0.538 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

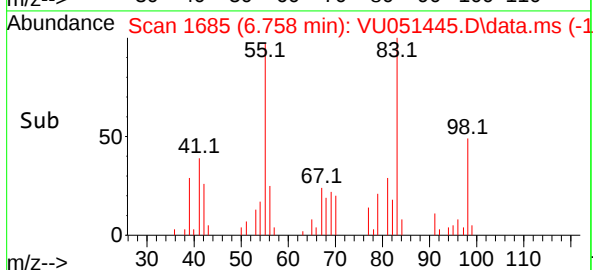
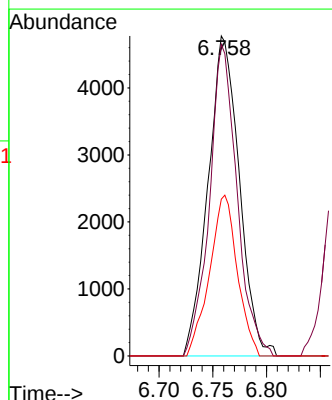
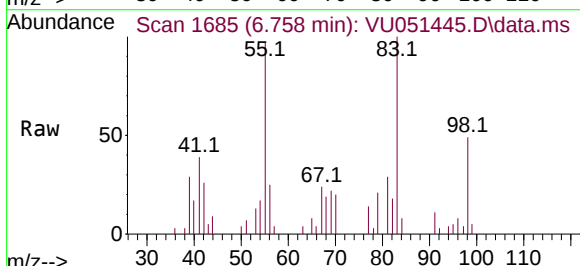
Tgt Ion: 83 Resp: 9641

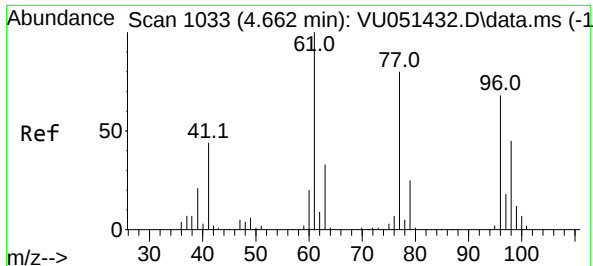
Ion Ratio Lower Upper

83 100

55 86.1 62.4 93.6

98 44.6 35.5 53.3

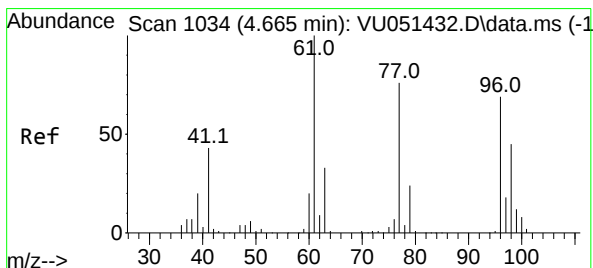
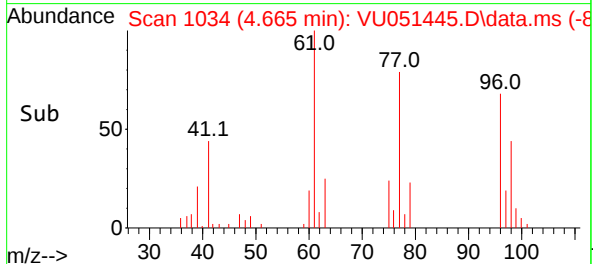
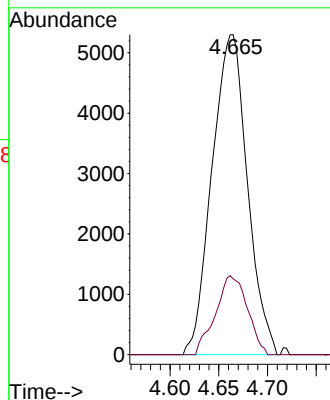
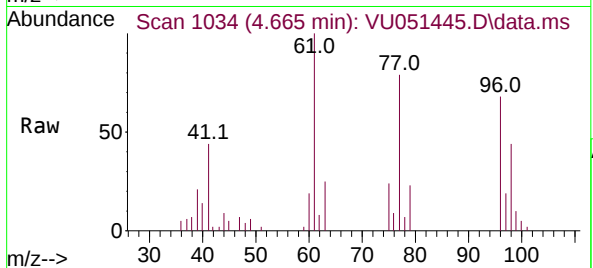




#21
2,2-Dichloropropane
Concen: 0.657 ug/l
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

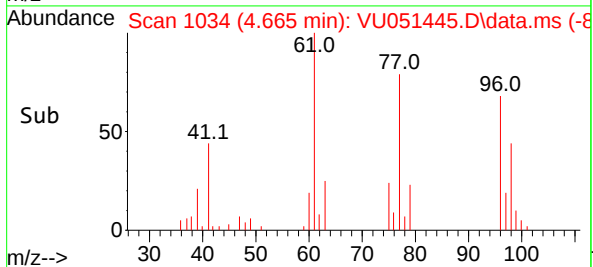
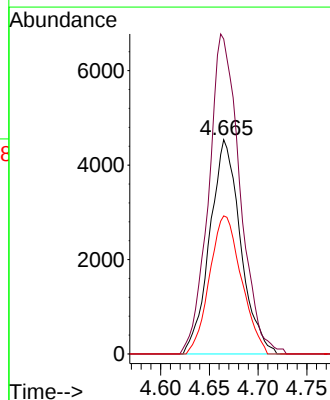
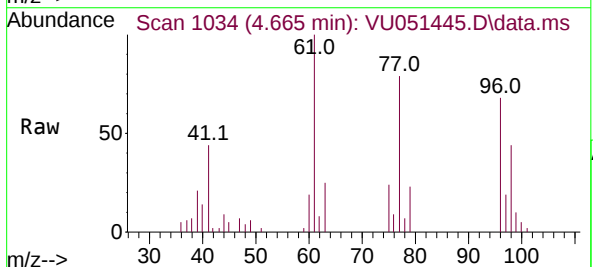
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

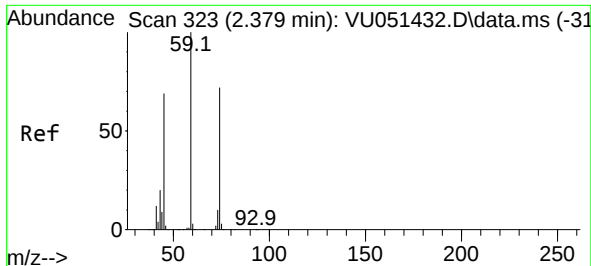
Tgt Ion: 77 Resp: 13384
Ion Ratio Lower Upper
77 100
97 22.2 19.0 28.6



#22
cis-1,2-Dichloroethene
Concen: 0.650 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 96 Resp: 9979
Ion Ratio Lower Upper
96 100
61 151.3 0.0 362.8
98 66.6 32.5 97.5

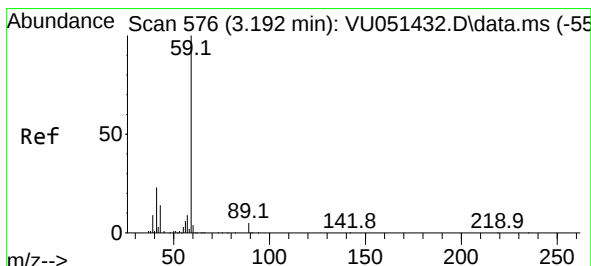
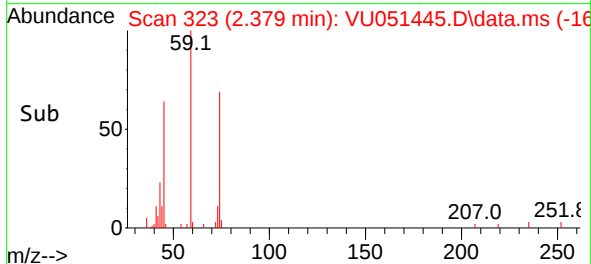
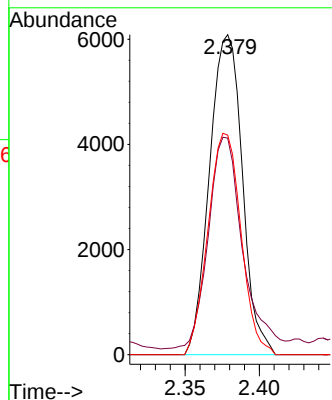
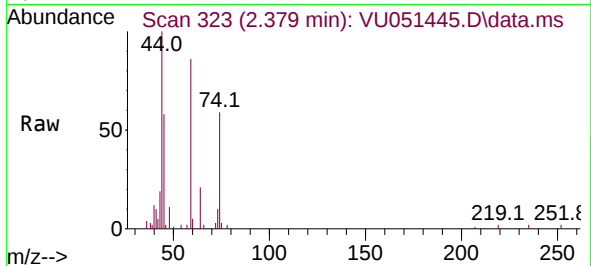




#23
Diethyl Ether
Concen: 0.758 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

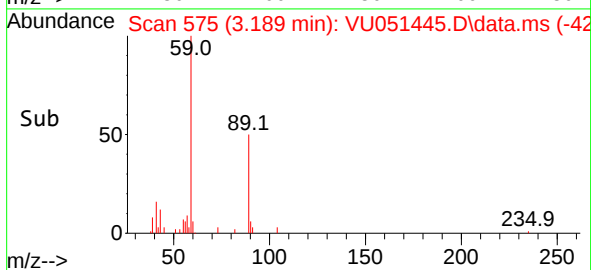
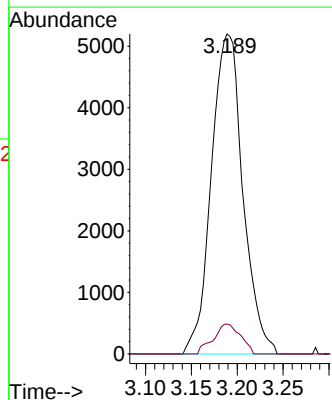
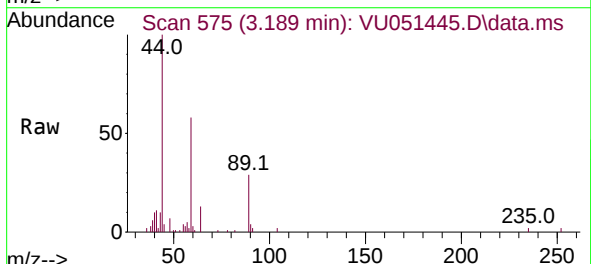
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

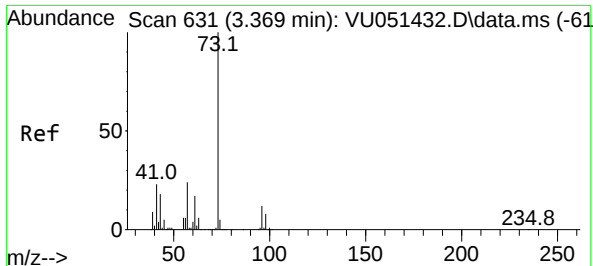
Tgt Ion: 59 Resp: 9362
Ion Ratio Lower Upper
59 100
45 68.4 55.7 83.5
74 69.4 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 9.617 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 59 Resp: 12453
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8

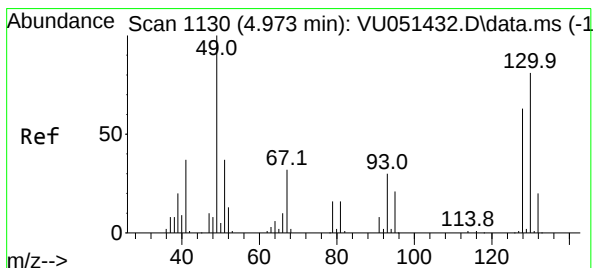
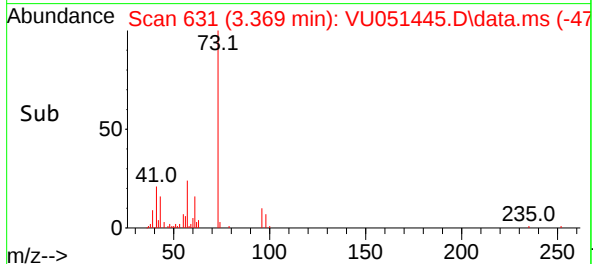
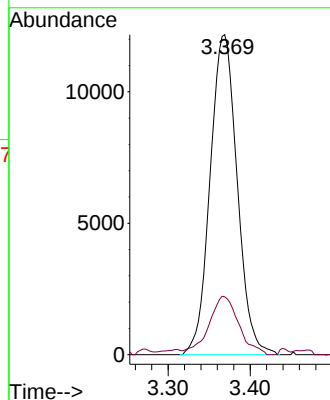
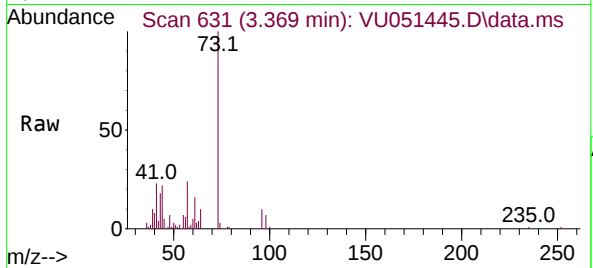




#25
Methyl tert-Butyl Ether
Concen: 0.761 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

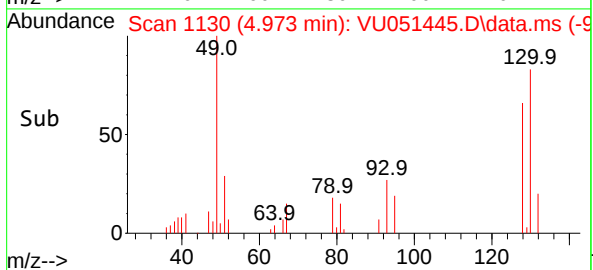
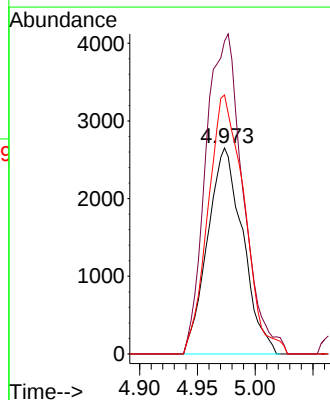
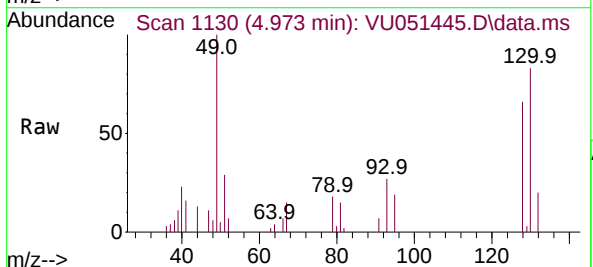
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

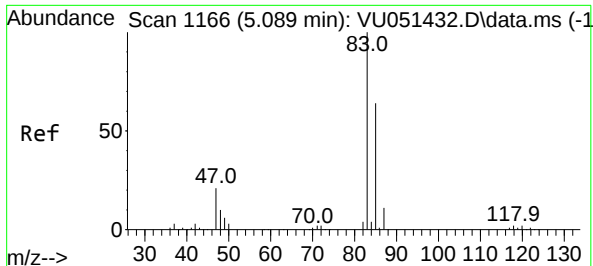
Tgt Ion: 73 Resp: 27998
Ion Ratio Lower Upper
73 100
43 20.2 14.2 21.4



#26
Bromochloromethane
Concen: 0.752 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 128 Resp: 5626
Ion Ratio Lower Upper
128 100
49 163.6 0.0 320.4
130 129.3 105.0 157.6





#27

Chloroform

Concen: 0.717 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

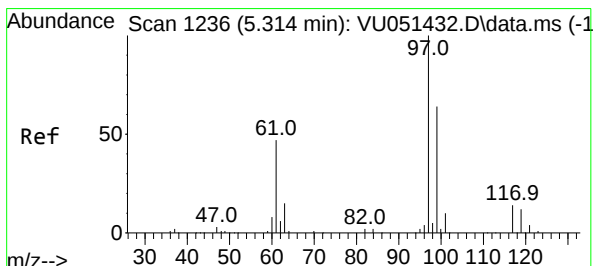
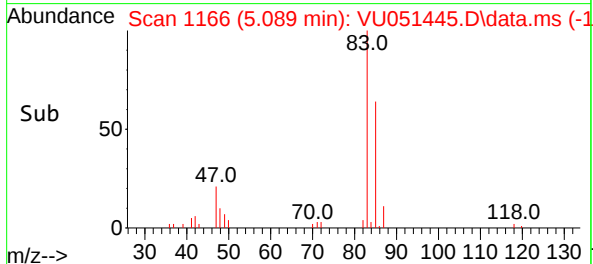
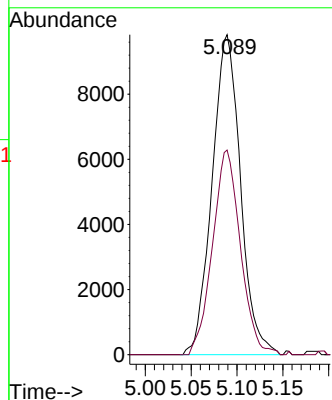
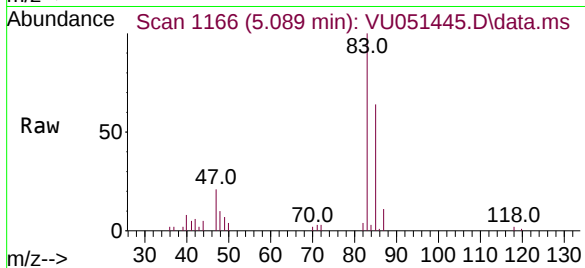
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 83 Resp: 21168

Ion Ratio Lower Upper

83 100

85 64.0 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 0.665 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

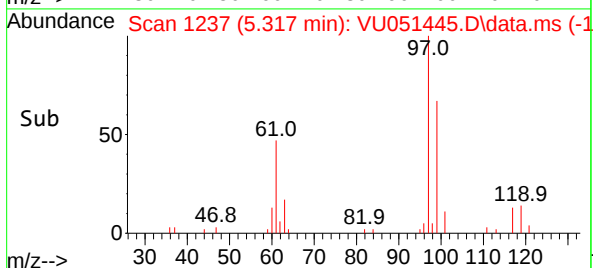
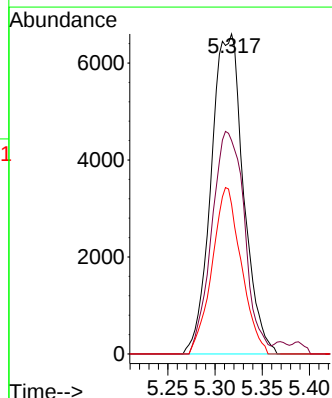
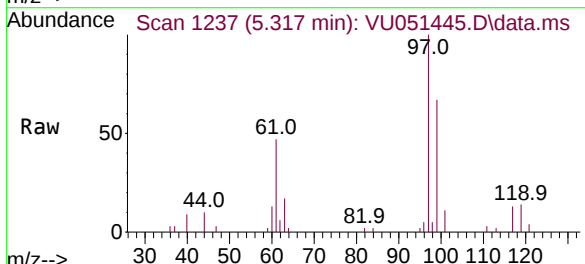
Tgt Ion: 97 Resp: 15677

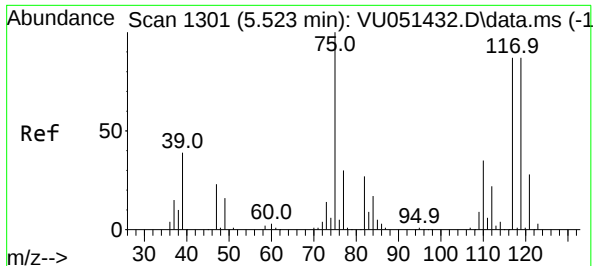
Ion Ratio Lower Upper

97 100

99 70.5 31.8 95.4

61 47.0 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.581 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

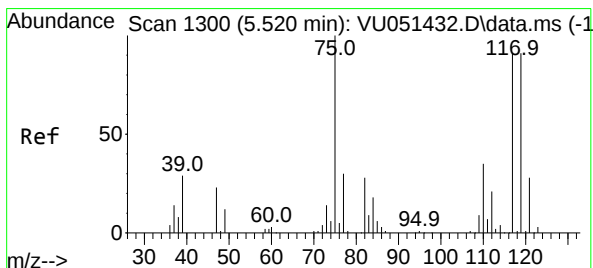
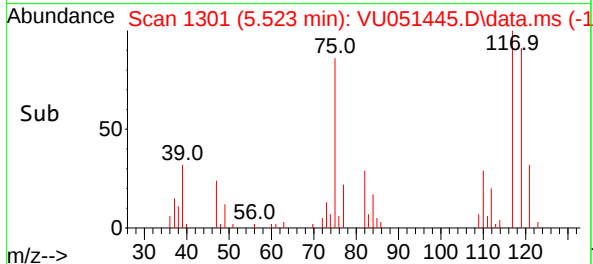
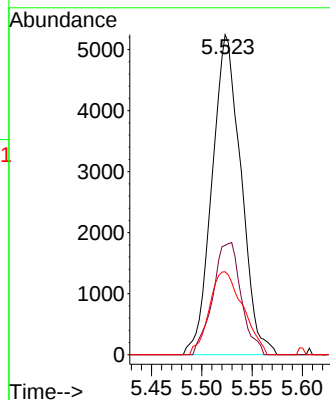
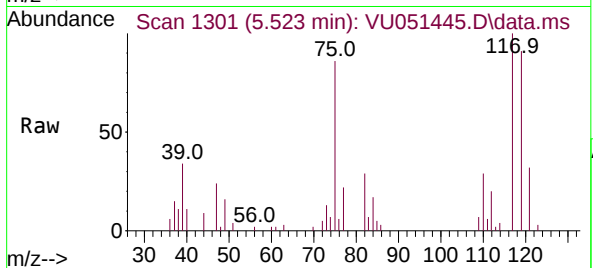
Tgt Ion: 75 Resp: 10489

Ion Ratio Lower Upper

75 100

110 34.4 17.8 53.3

77 30.1 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.671 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

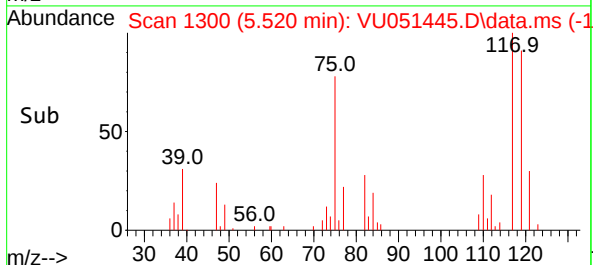
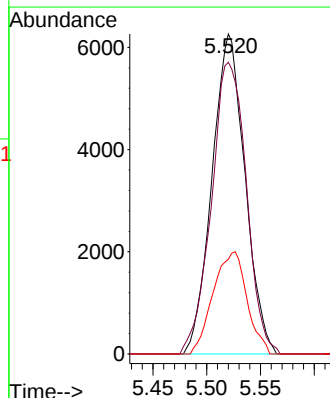
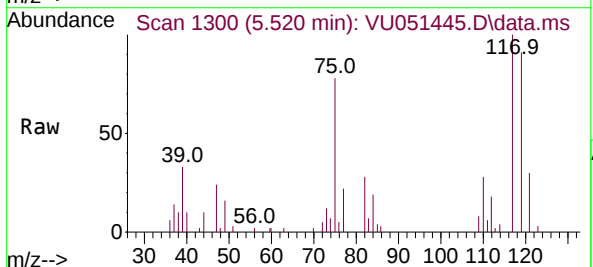
Tgt Ion: 117 Resp: 13353

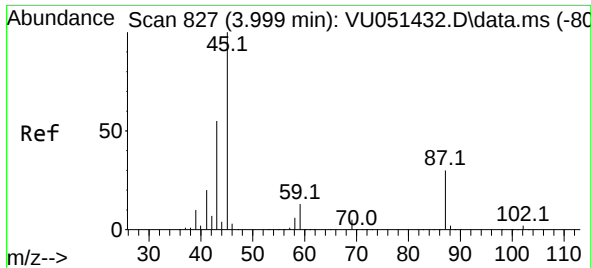
Ion Ratio Lower Upper

117 100

119 91.1 80.0 120.0

121 29.6 24.9 37.3

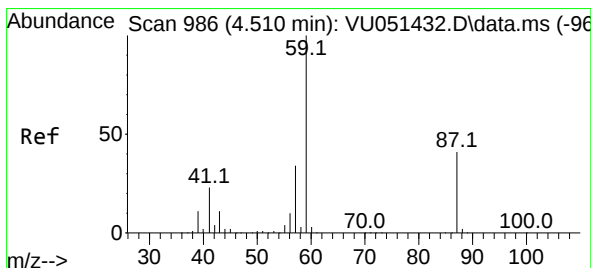
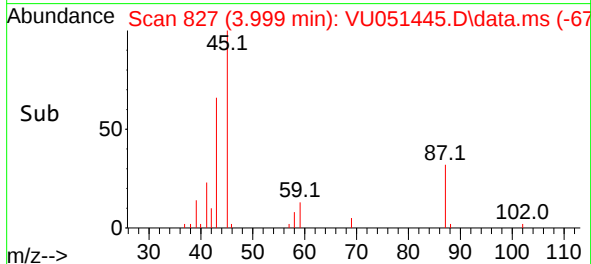
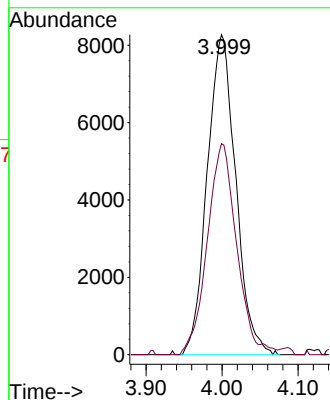
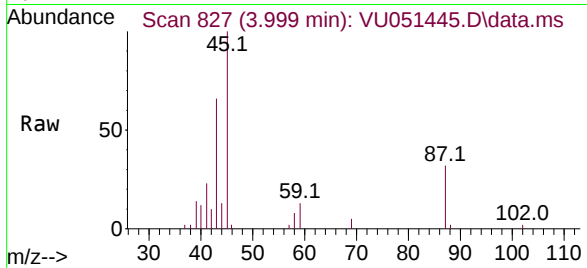




#31
Isopropyl Ether
Concen: 0.625 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

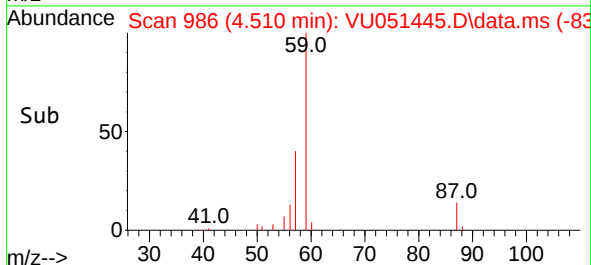
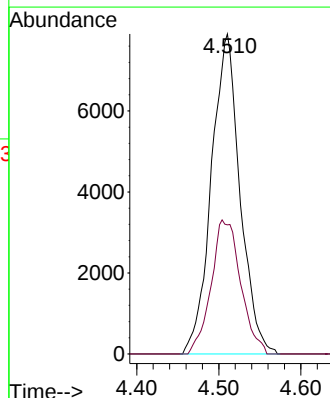
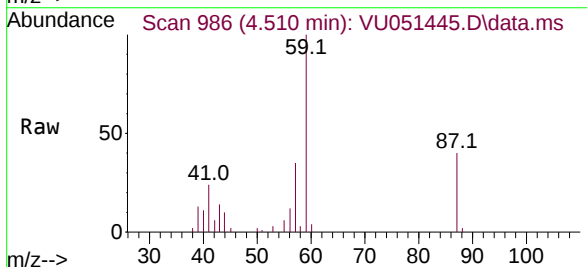
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

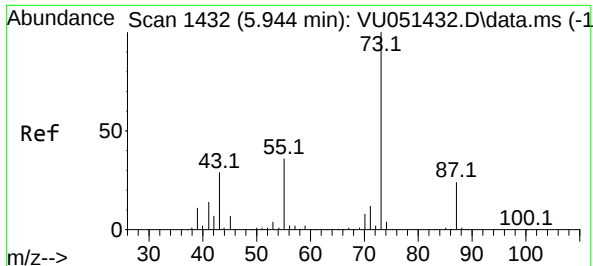
Tgt Ion: 45 Resp: 21545
Ion Ratio Lower Upper
45 100
43 68.2 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.609 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 59 Resp: 19177
Ion Ratio Lower Upper
59 100
87 43.2 33.8 50.8

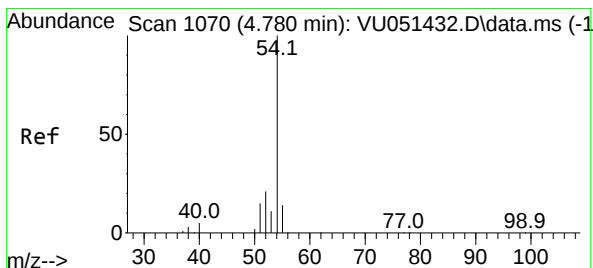
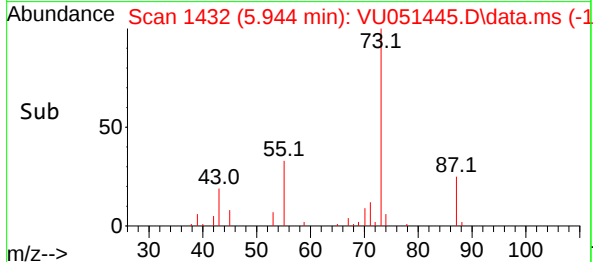
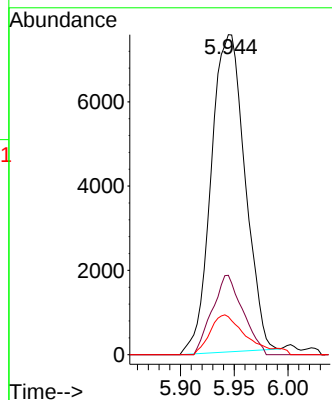
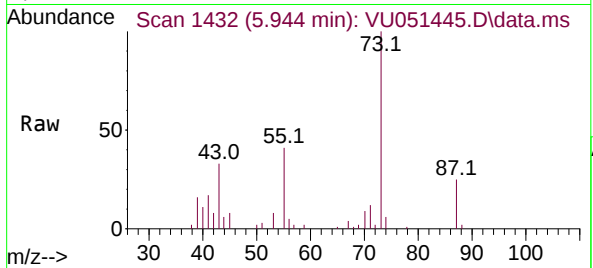




#33
Tert-Amyl methyl ether
Concen: 0.595 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

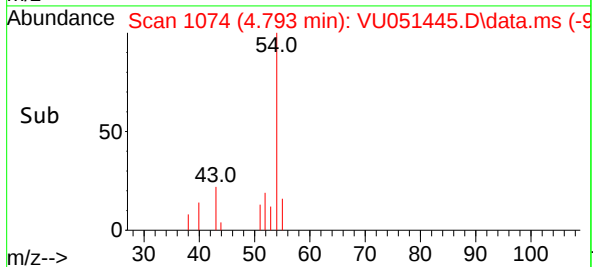
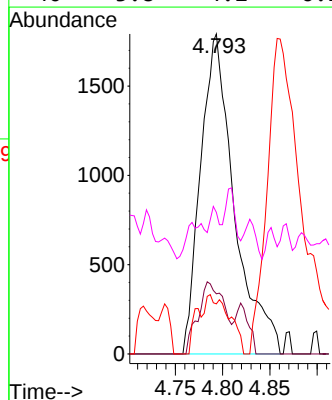
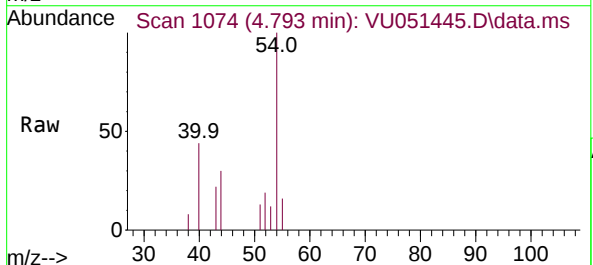
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

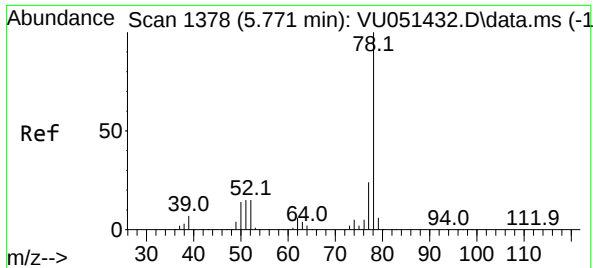
Tgt Ion: 73	Resp: 16469
Ion Ratio	Lower Upper
73 100	
87 22.6	18.9 28.3
71 11.0	9.4 14.2



#34
Propionitrile
Concen: 3.633 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 54	Resp: 4441
Ion Ratio	Lower Upper
54 100	
52 17.5	16.4 24.6
55 13.5	11.5 17.3
40 3.8	4.2 6.2#

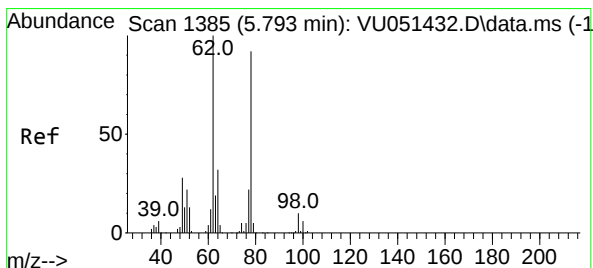
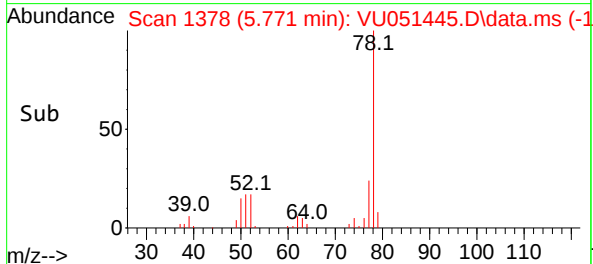
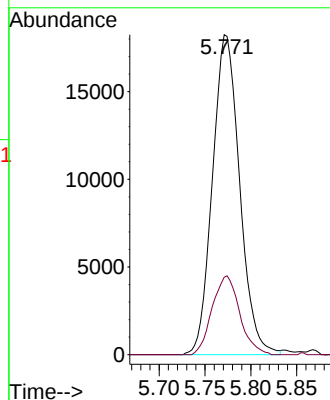
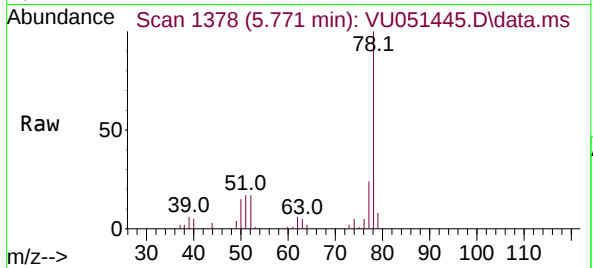




#35
Benzene
Concen: 0.621 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

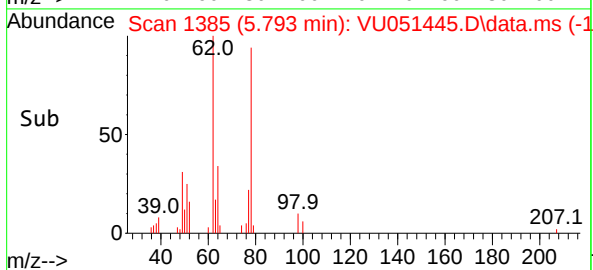
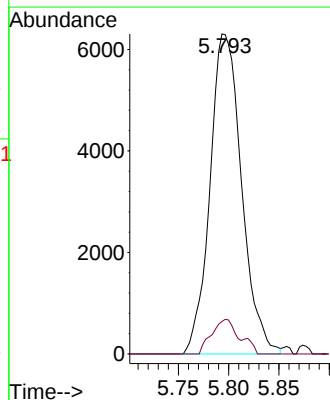
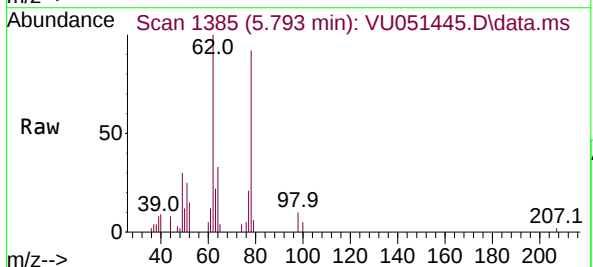
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

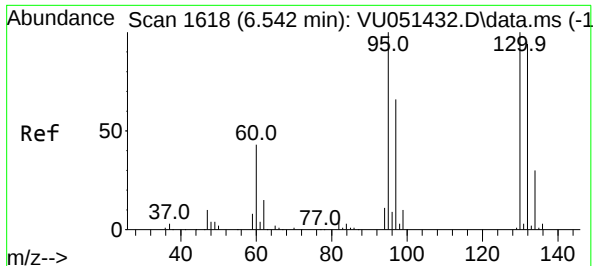
Tgt Ion: 78 Resp: 37615
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



#36
1,2-Dichloroethane
Concen: 0.738 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 62 Resp: 13787
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.2





#37

Trichloroethene

Concen: 0.645 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

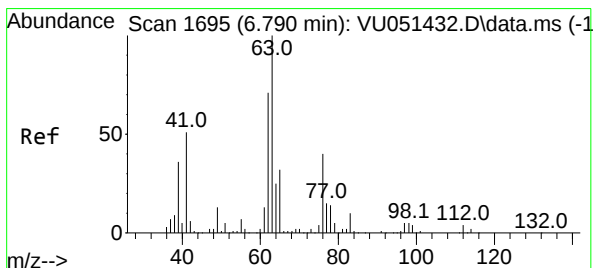
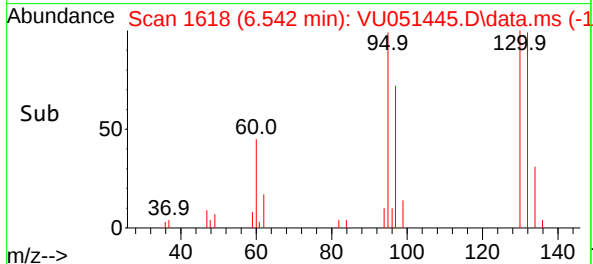
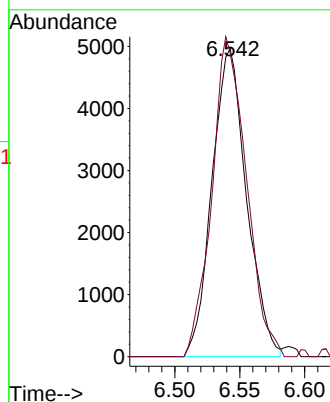
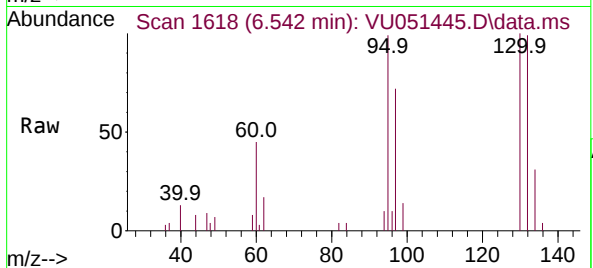
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:130 Resp: 9177

Ion Ratio Lower Upper

130 100

95 98.6 80.2 120.4



#38

1,2-Dichloropropane

Concen: 0.646 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051445.D

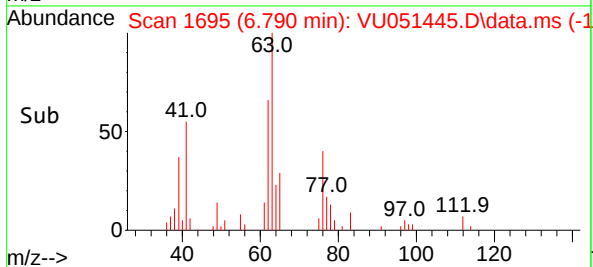
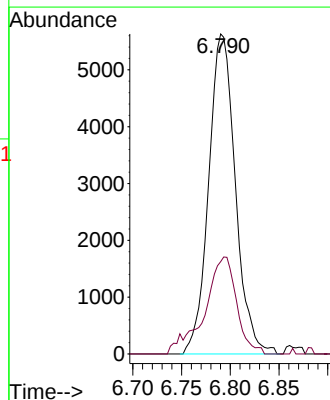
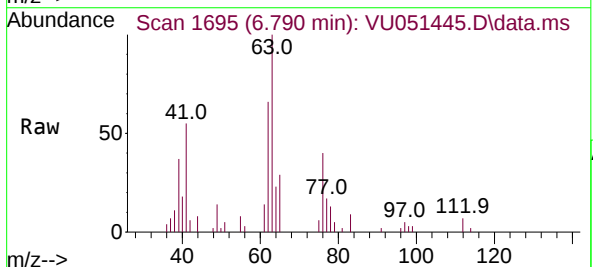
Acq: 18 Oct 2022 16:47

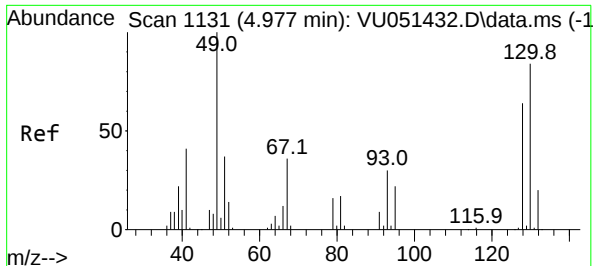
Tgt Ion: 63 Resp: 10742

Ion Ratio Lower Upper

63 100

65 28.9 25.4 38.2





#39

Methacrylonitrile

Concen: 0.582 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VU051445.D

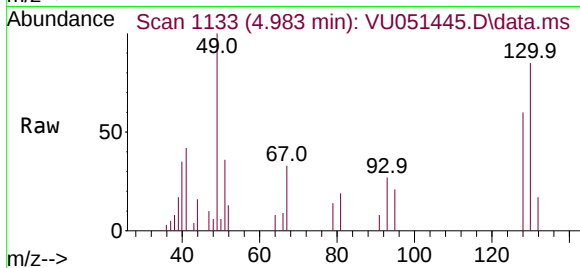
Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 2433

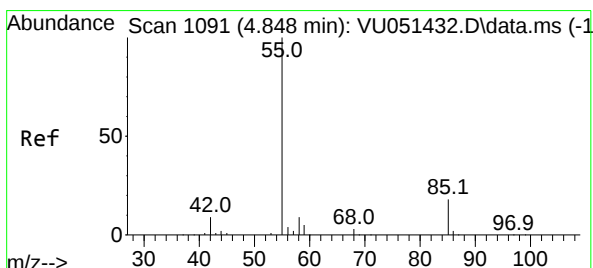
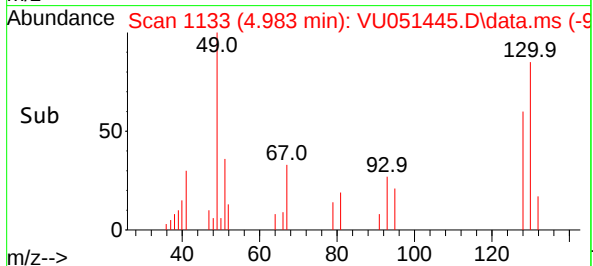
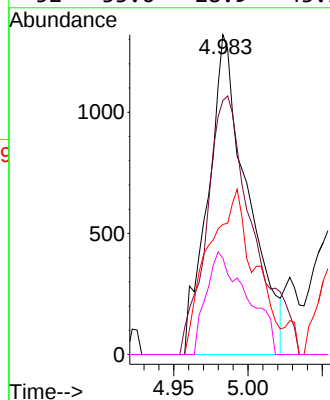
Ion Ratio Lower Upper

41 100

67 94.8 69.6 104.4

39 60.9 42.2 63.4

52 33.6 28.9 43.3



#40

Methyl acrylate

Concen: 0.697 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.010 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion: 55 Resp: 4642

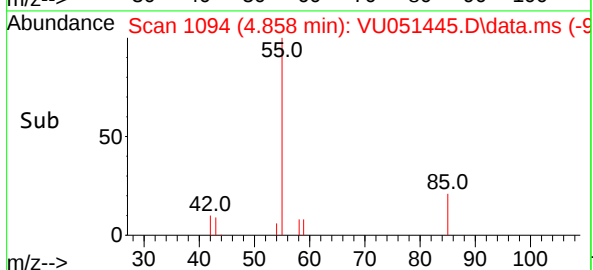
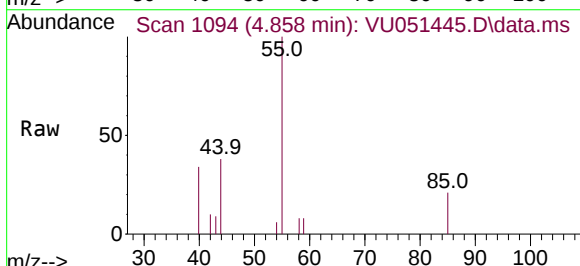
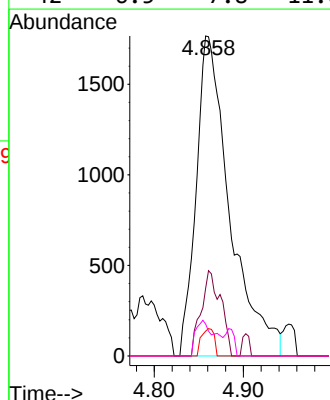
Ion Ratio Lower Upper

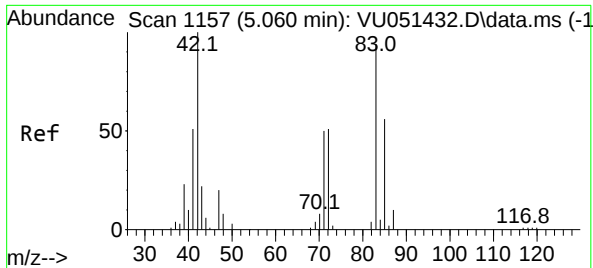
55 100

85 15.5 15.0 22.6

58 3.2 7.5 11.3#

42 6.5 7.8 11.6#

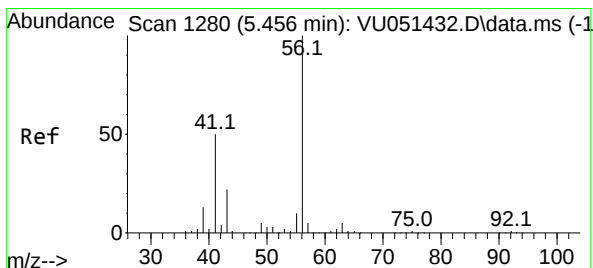
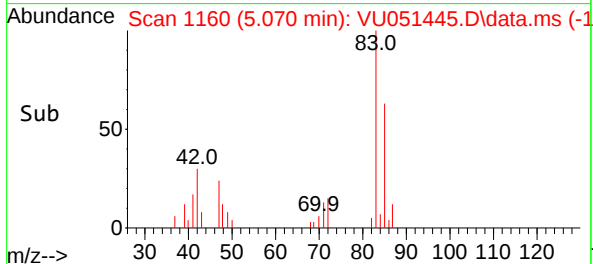
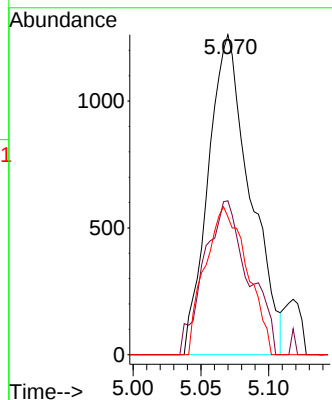
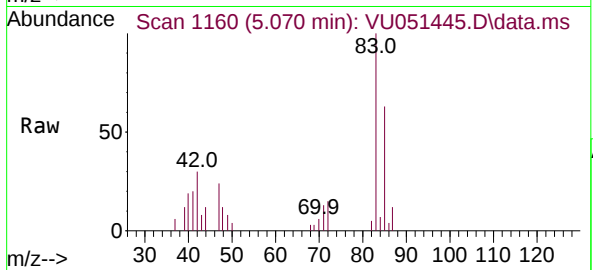




#41
Tetrahydrofuran
Concen: 1.235 ug/l
RT: 5.070 min Scan# 1157
Delta R.T. 0.010 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

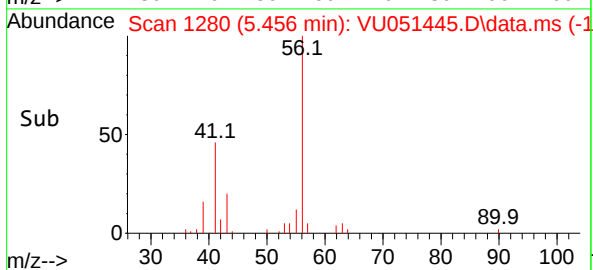
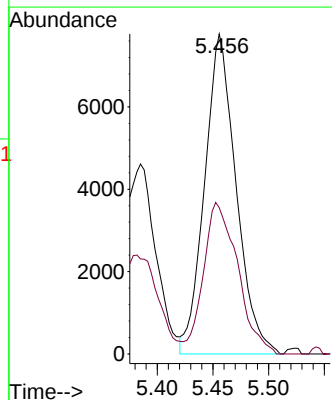
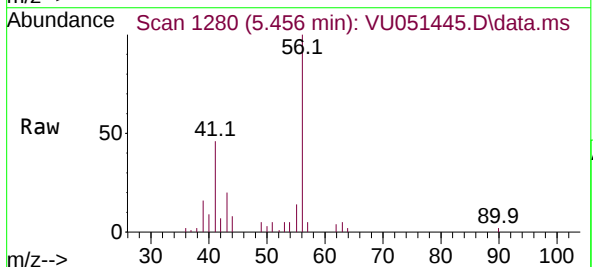
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

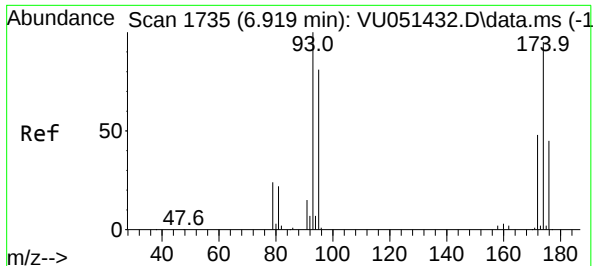
Tgt Ion:	42	Resp:	2709
Ion	Ratio	Lower	Upper
42	100		
72	50.9	42.6	64.0
71	46.4	38.3	57.5



#42
1-Chlorobutane
Concen: 0.620 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:	56	Resp:	15271
Ion	Ratio	Lower	Upper
56	100		
41	51.4	24.8	74.4

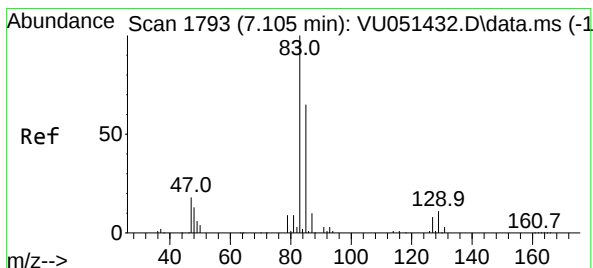
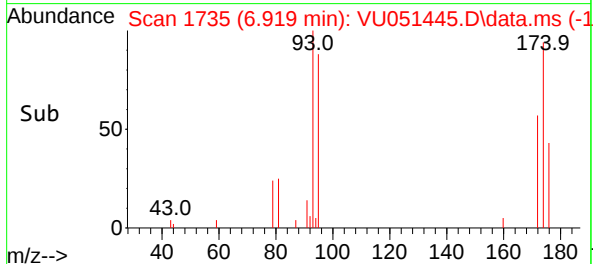
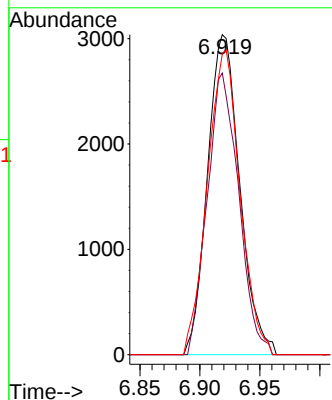
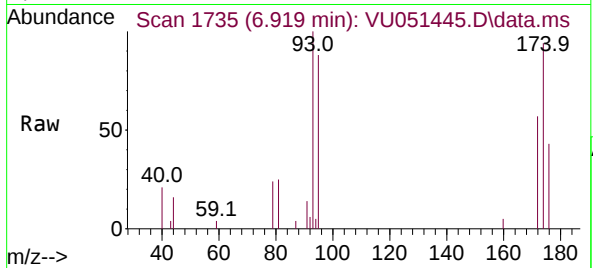




#43
Dibromomethane
Concen: 0.659 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

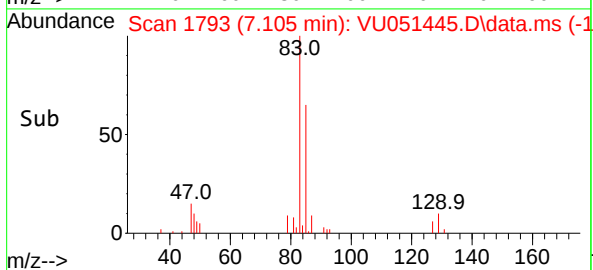
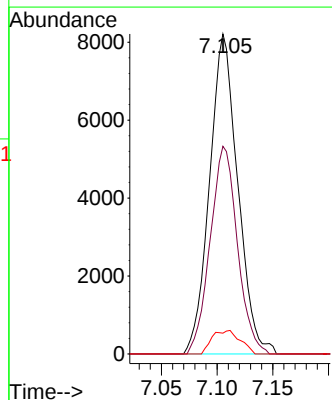
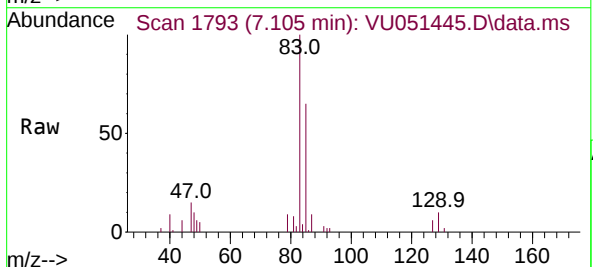
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

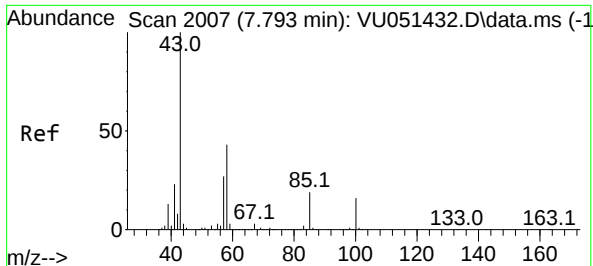
Tgt Ion: 93 Resp: 5683
Ion Ratio Lower Upper
93 100
95 86.0 66.7 100.1
174 96.4 75.5 113.3



#44
Bromodichloromethane
Concen: 0.692 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 83 Resp: 14448
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1
127 6.5 6.8 10.2#





#45

4-Methyl-2-Pentanone

Concen: 2.938 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

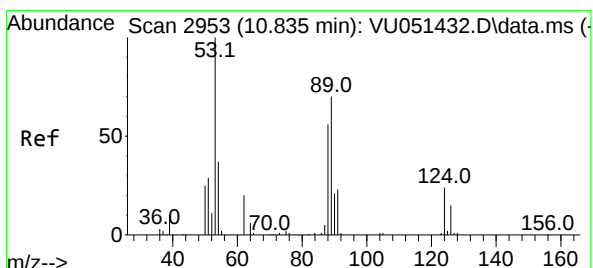
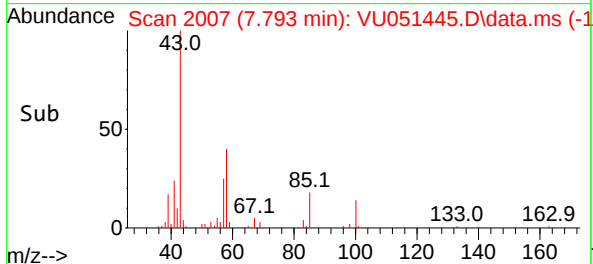
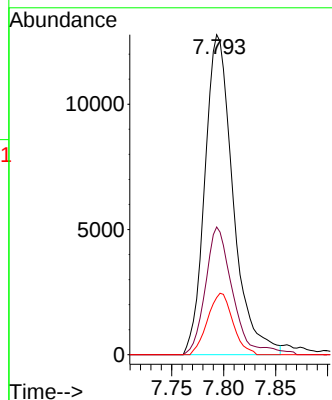
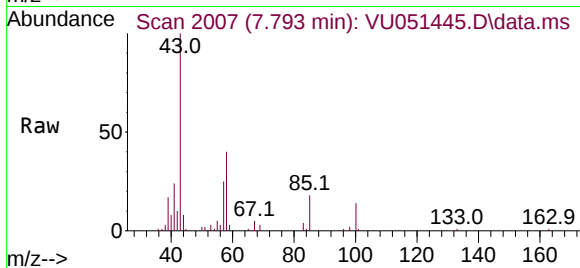
Tgt Ion: 43 Resp: 24123

Ion Ratio Lower Upper

43 100

58 38.7 21.4 64.3

85 17.2 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 2.554 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Tgt Ion: 75 Resp: 11700

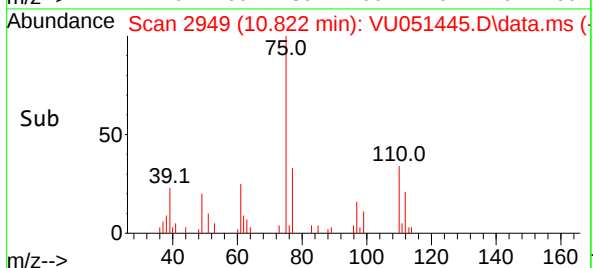
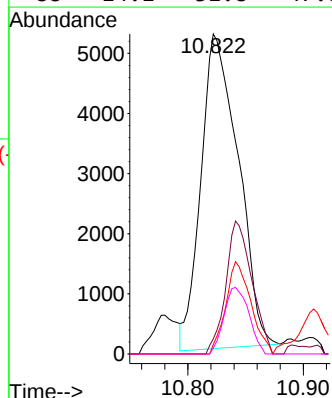
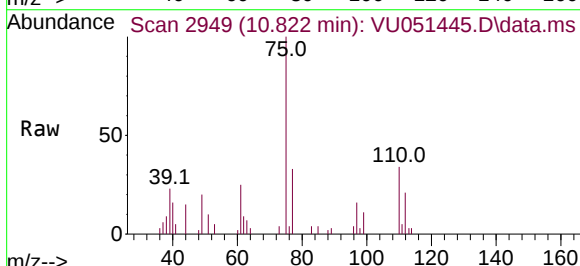
Ion Ratio Lower Upper

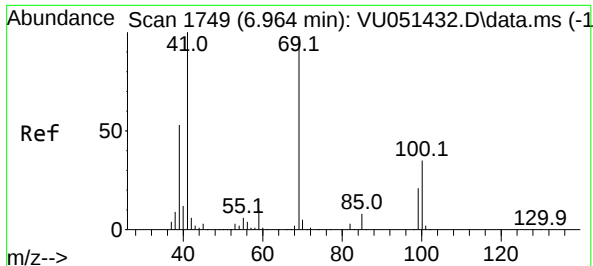
75 100

53 29.7 61.1 91.7#

89 19.8 41.0 61.6#

88 14.1 31.8 47.8#





#47

Methyl methacrylate

Concen: 1.096 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU051445.D

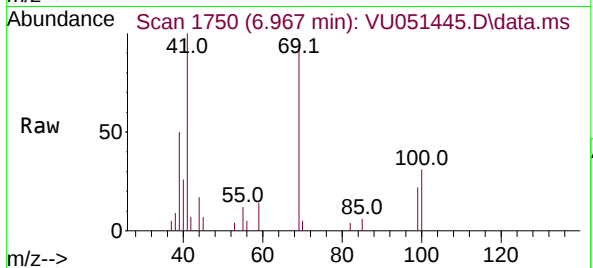
Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 69 Resp: 7229

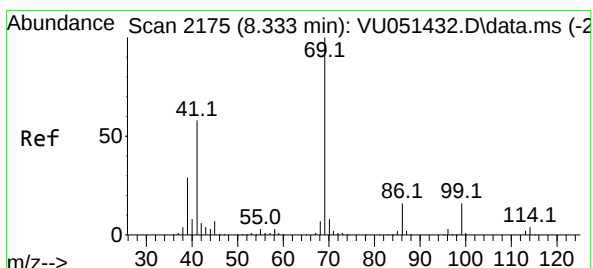
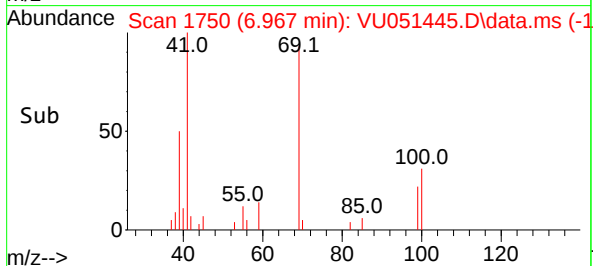
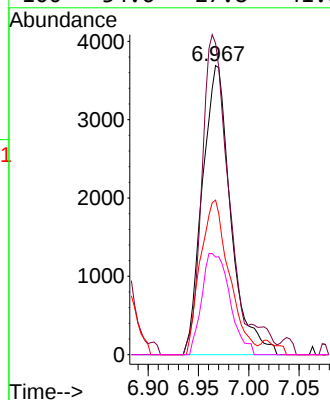
Ion Ratio Lower Upper

69 100

41 108.1 0.0 200.8

39 54.5 44.1 66.1

100 34.6 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.542 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051445.D

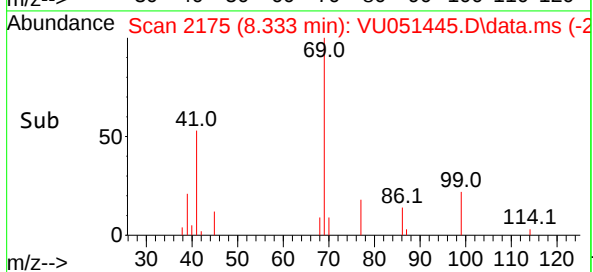
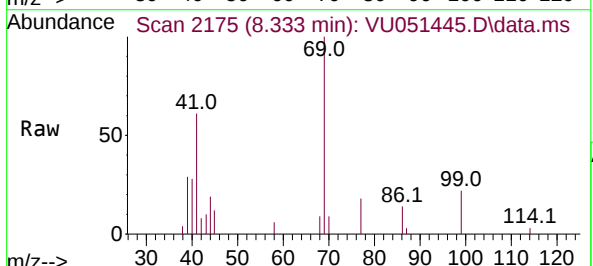
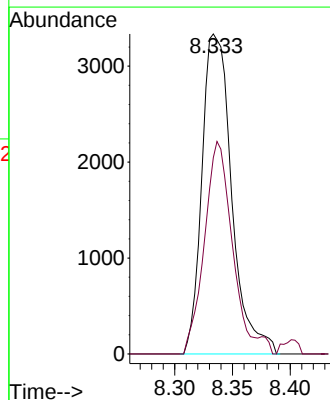
Acq: 18 Oct 2022 16:47

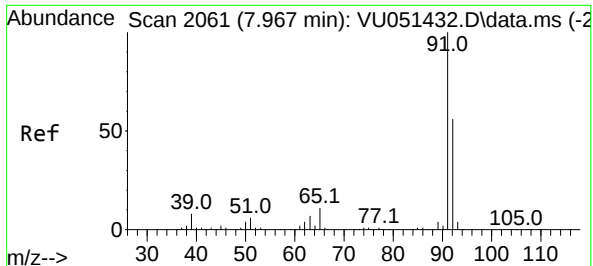
Tgt Ion: 69 Resp: 5983

Ion Ratio Lower Upper

69 100

41 63.2 28.8 86.5





#49

Toluene

Concen: 0.541 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

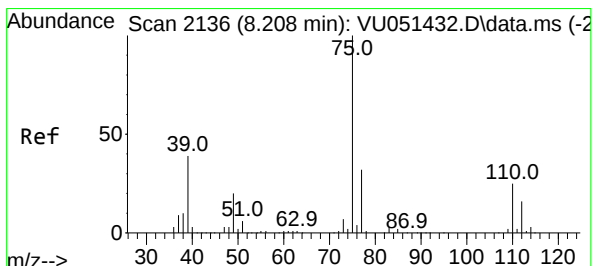
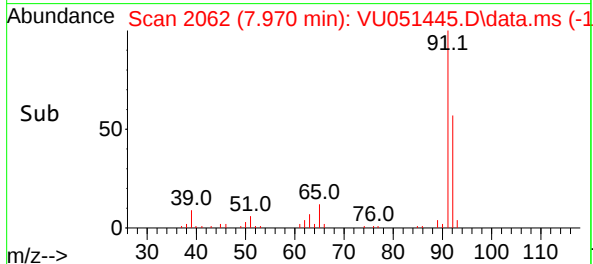
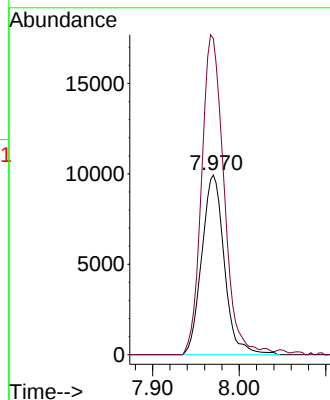
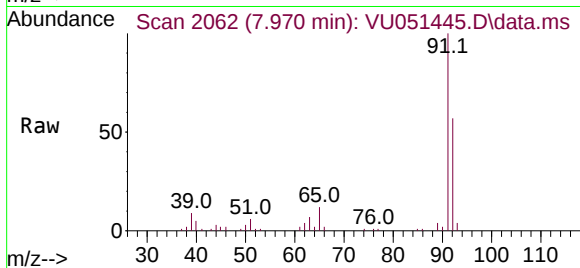
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 92 Resp: 17977

Ion Ratio Lower Upper

92 100

91 176.0 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.619 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VU051445.D

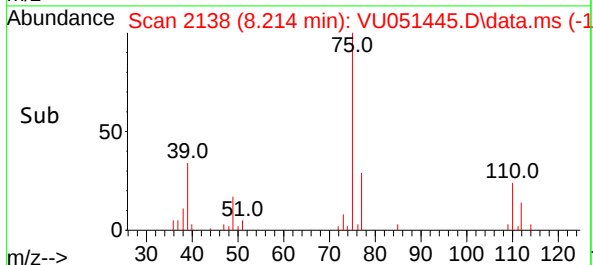
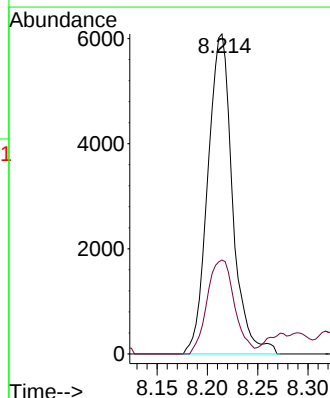
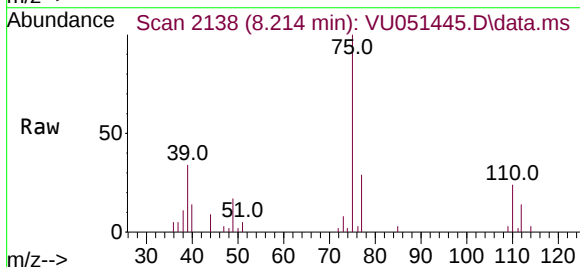
Acq: 18 Oct 2022 16:47

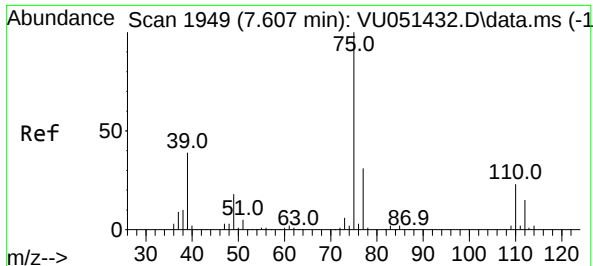
Tgt Ion: 75 Resp: 10391

Ion Ratio Lower Upper

75 100

77 29.4 25.8 38.6

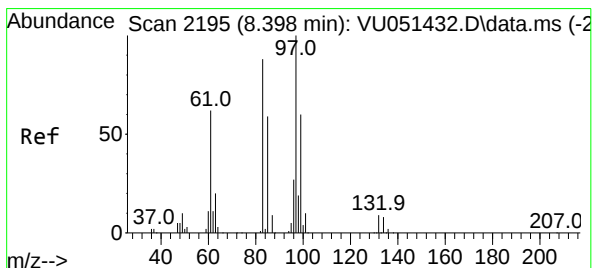
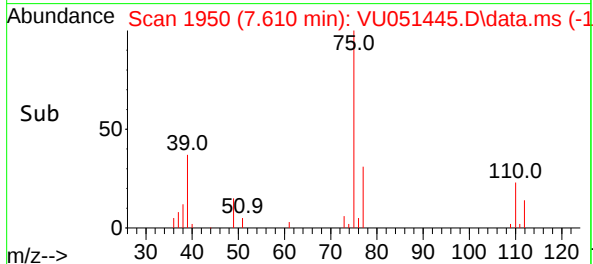
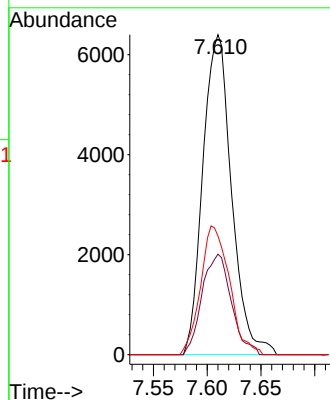
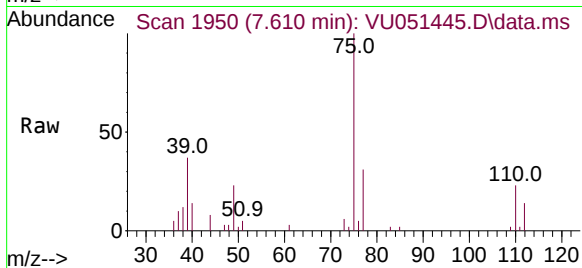




#51
 cis-1,3-Dichloropropene
 Concen: 0.599 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

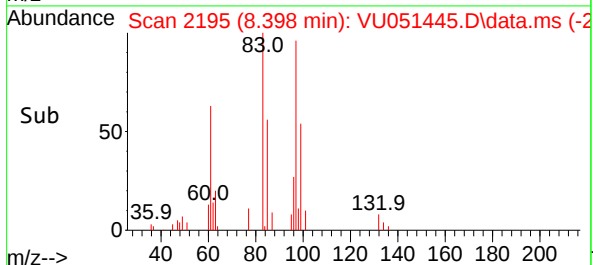
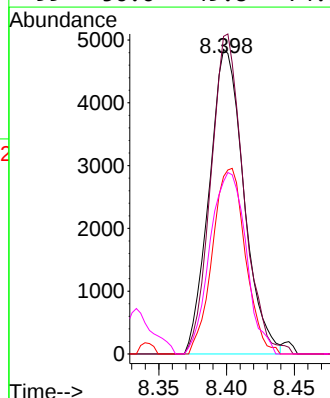
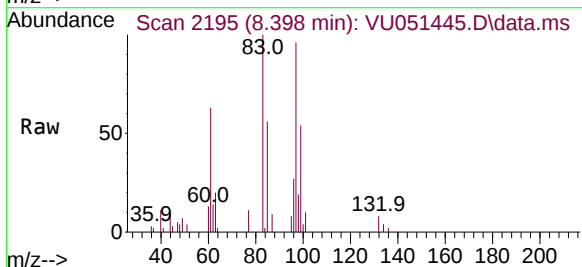
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022

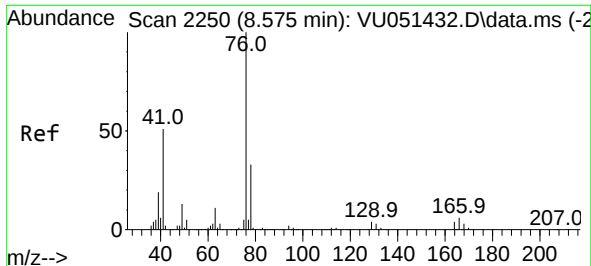
Tgt Ion:	75	Resp:	11857
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	37.1	31.4	47.0



#52
 1,1,2-Trichloroethane
 Concen: 0.700 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

Tgt Ion:	97	Resp:	8621
Ion	Ratio	Lower	Upper
97	100		
83	104.2	70.6	105.8
85	58.2	47.0	70.4
99	56.6	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.657 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

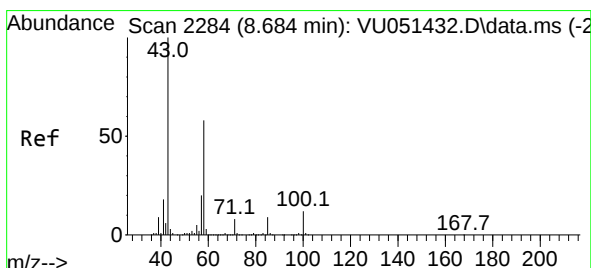
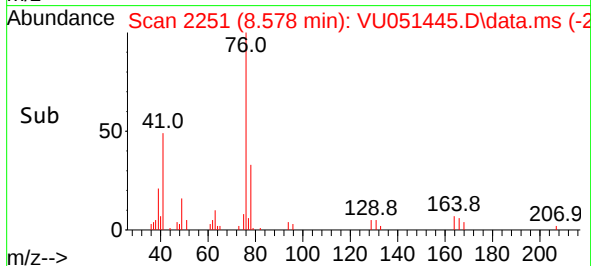
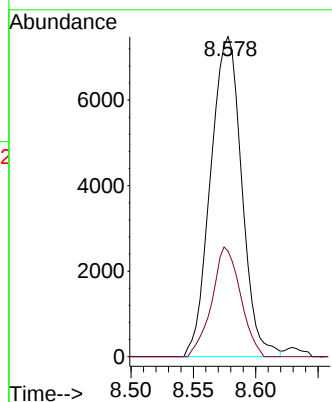
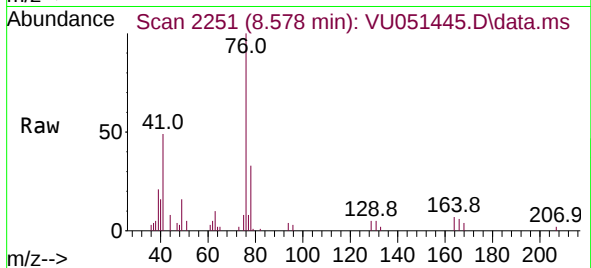
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 76 Resp: 13037

Ion Ratio Lower Upper

76 100

78 31.5 26.4 39.6



#54

2-Hexanone

Concen: 2.812 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

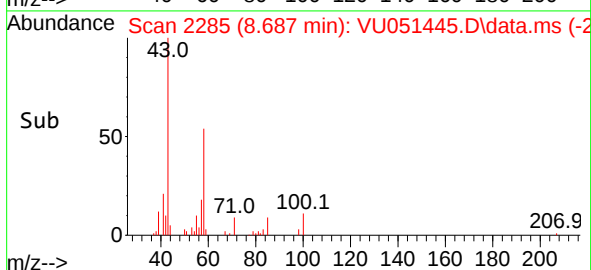
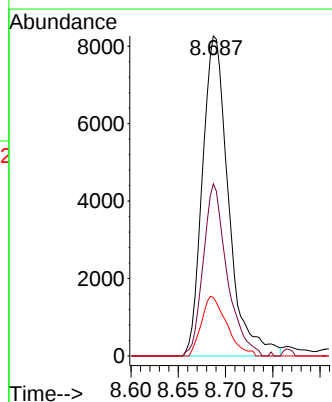
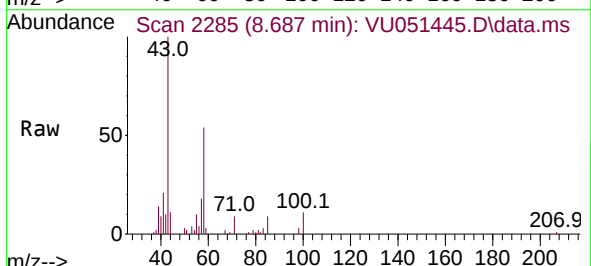
Tgt Ion: 43 Resp: 15876

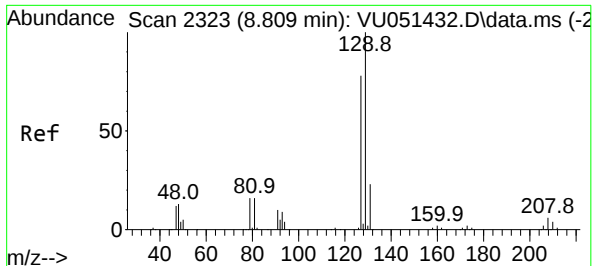
Ion Ratio Lower Upper

43 100

58 49.1 38.0 78.0

57 18.0 0.0 39.9

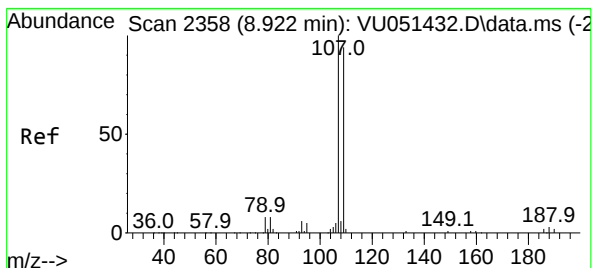
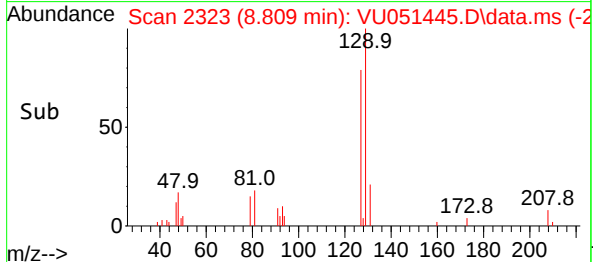
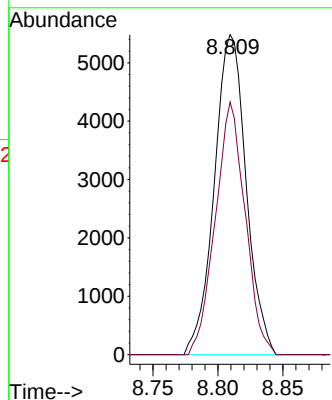
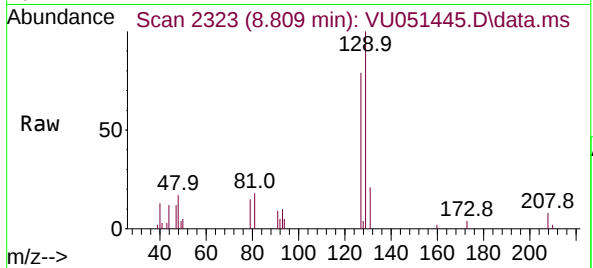




#55
Dibromochloromethane
Concen: 0.700 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

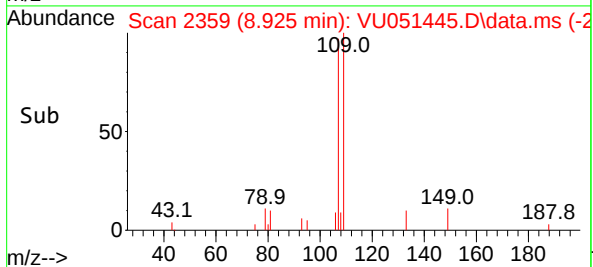
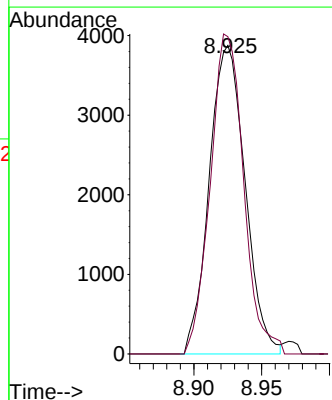
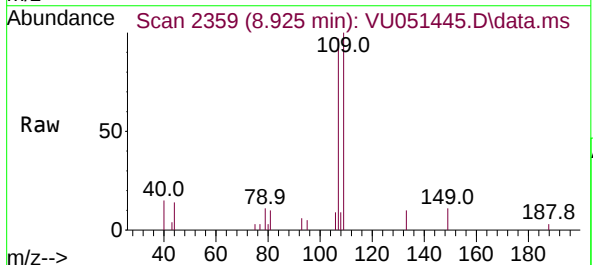
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

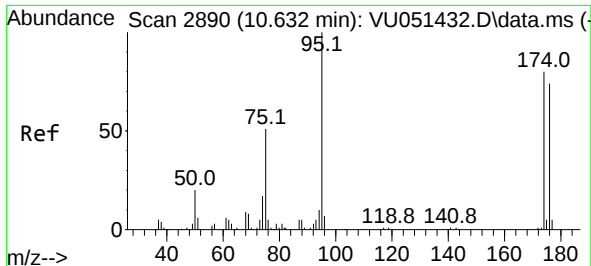
Tgt Ion:129 Resp: 9369
Ion Ratio Lower Upper
129 100
127 73.7 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.658 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:107 Resp: 7129
Ion Ratio Lower Upper
107 100
109 96.3 0.0 190.6

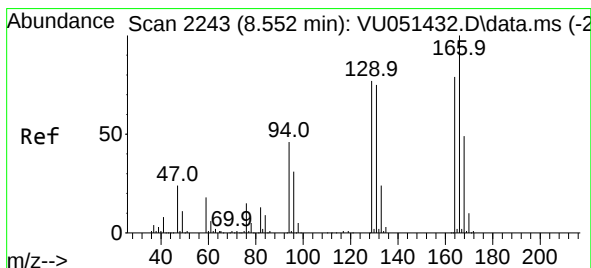
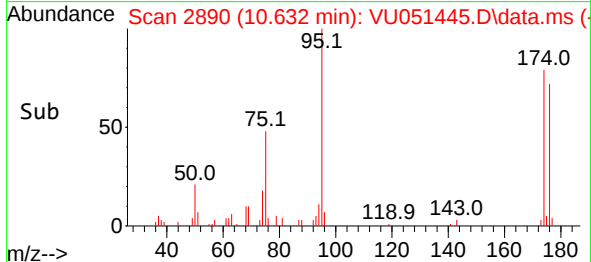
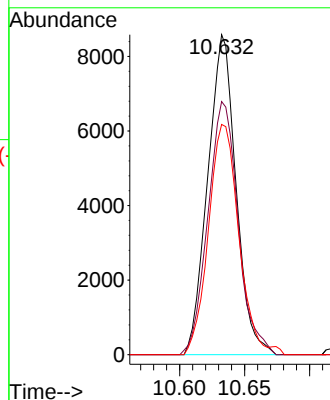
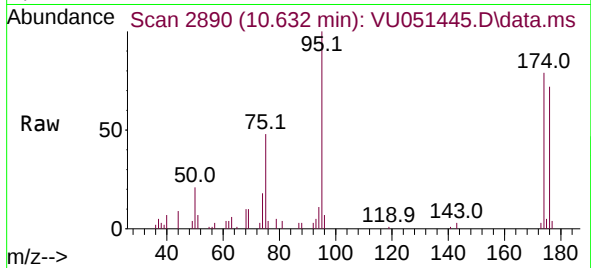




#57
4-Bromofluorobenzene
Concen: 0.802 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

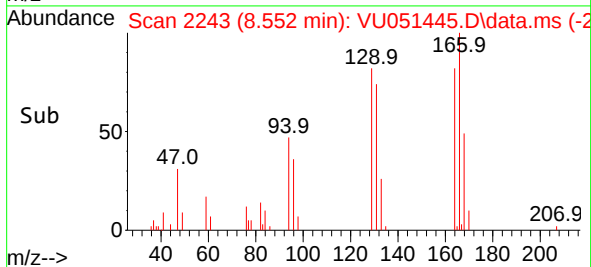
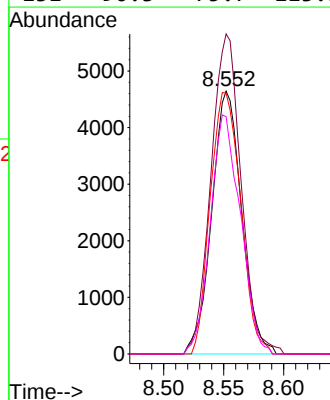
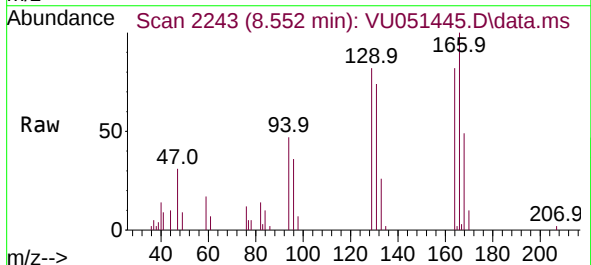
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

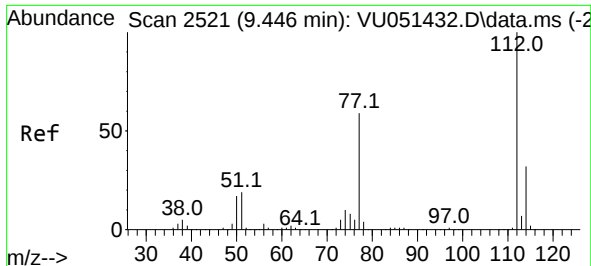
Tgt Ion:	95	Resp:	12964
Ion	Ratio	Lower	Upper
95	100		
174	84.3	63.0	94.6
176	77.5	59.8	89.6



#58
Tetrachloroethene
Concen: 0.649 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:	164	Resp:	8034
Ion	Ratio	Lower	Upper
164	100		
166	121.7	100.9	151.3
129	99.3	77.5	116.3
131	90.3	75.7	113.5

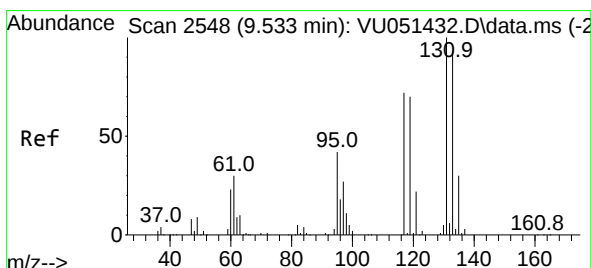
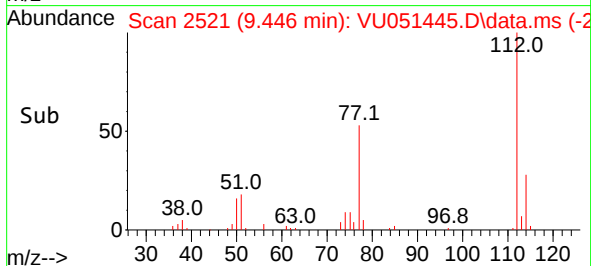
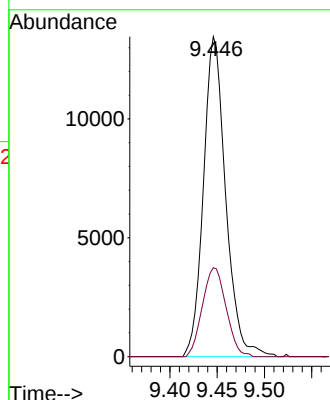
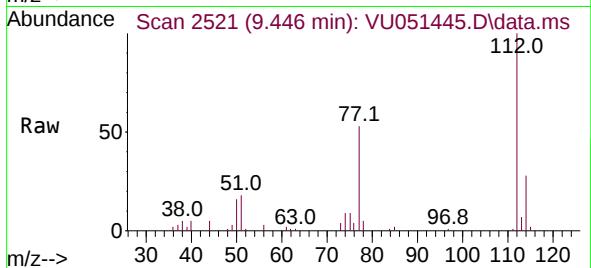




#59
Chlorobenzene
Concen: 0.605 ug/l
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

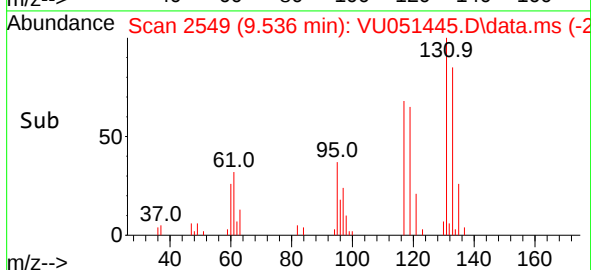
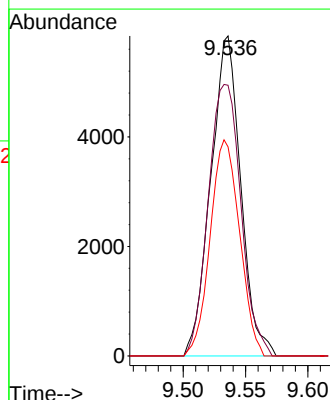
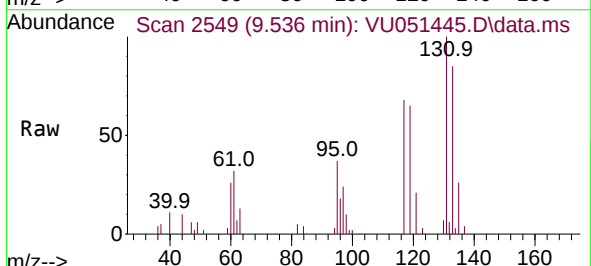
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

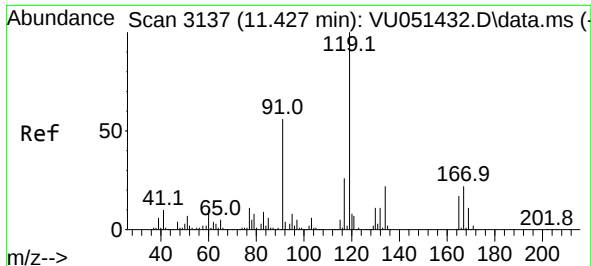
Tgt Ion:112 Resp: 22045
Ion Ratio Lower Upper
112 100
114 27.8 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 0.701 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:131 Resp: 9794
Ion Ratio Lower Upper
131 100
133 92.4 76.5 114.7
119 66.3 56.5 84.7

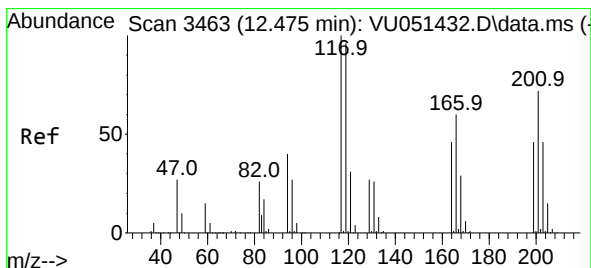
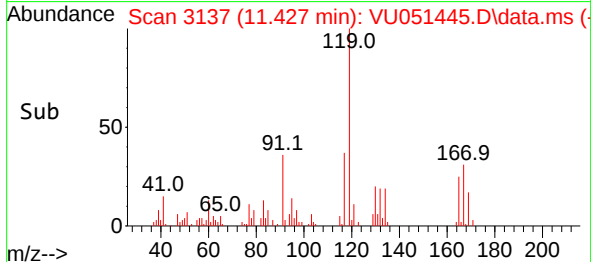
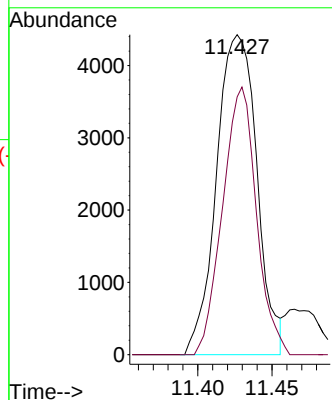
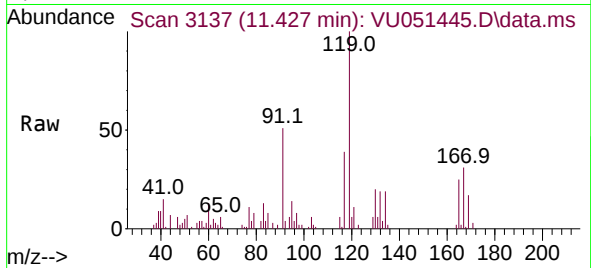




#61
Pentachloroethane
Concen: 0.673 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

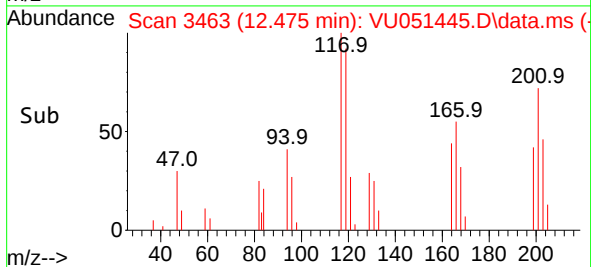
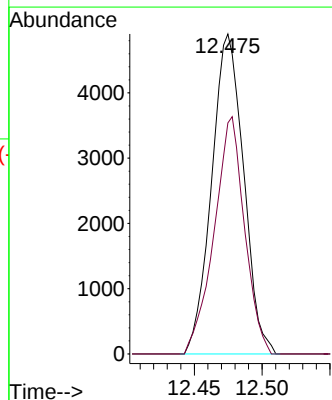
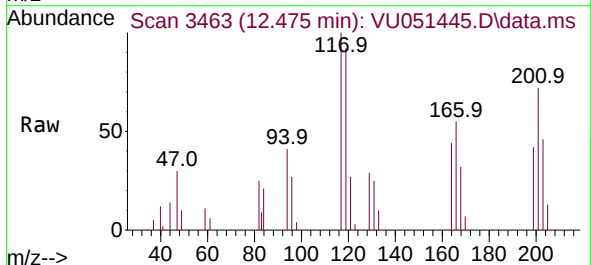
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

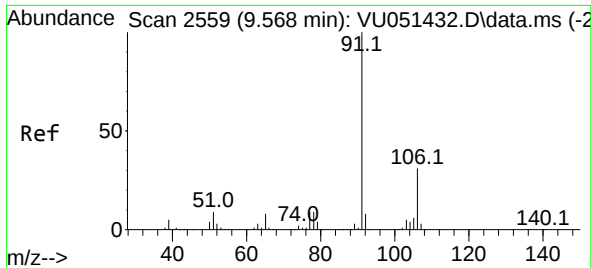
Tgt Ion:117 Resp: 8385
Ion Ratio Lower Upper
117 100
167 70.0 63.3 94.9



#62
Hexachloroethane
Concen: 0.679 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:117 Resp: 8029
Ion Ratio Lower Upper
117 100
201 70.5 57.4 86.2

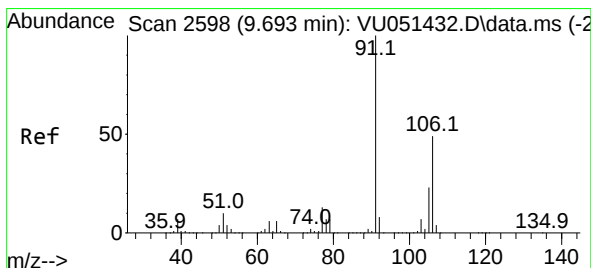
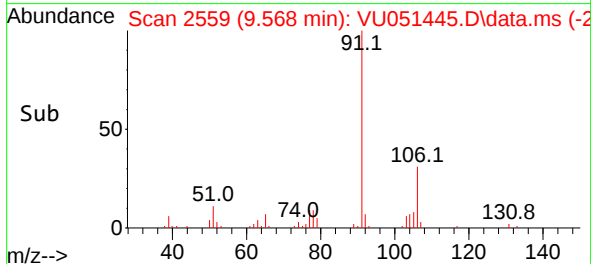
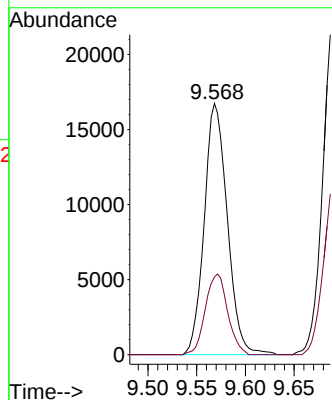
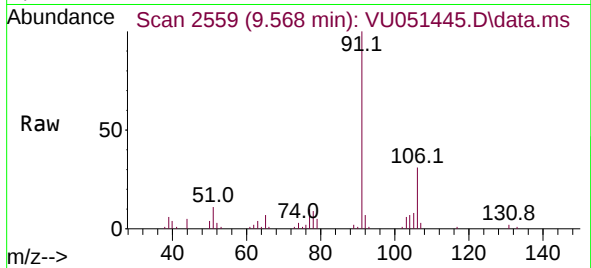




#63
Ethyl Benzene
Concen: 0.499 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

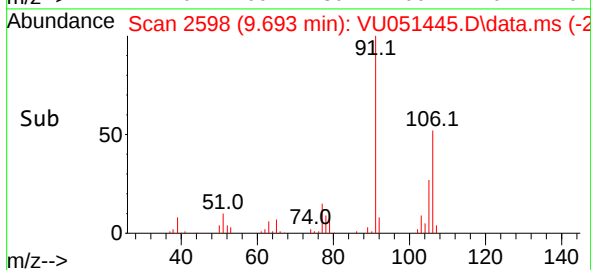
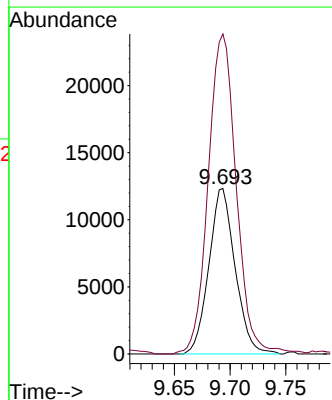
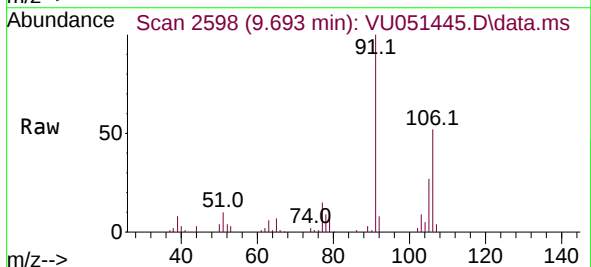
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

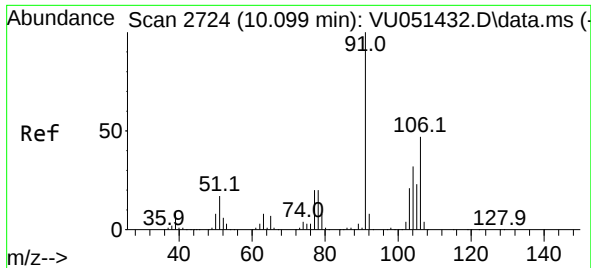
Tgt Ion: 91 Resp: 27583
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#64
m/p-Xylenes
Concen: 0.917 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 106 Resp: 20215
Ion Ratio Lower Upper
106 100
91 206.7 163.2 244.8

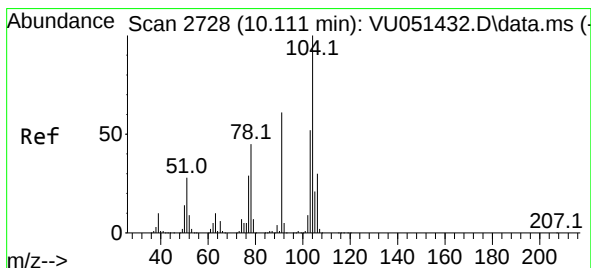
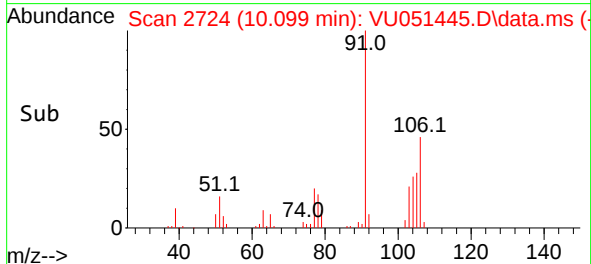
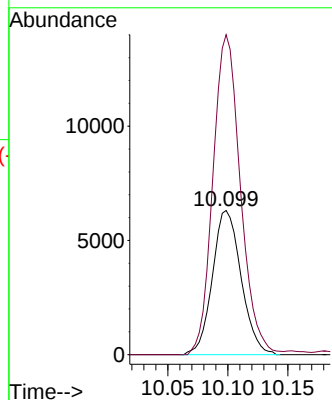
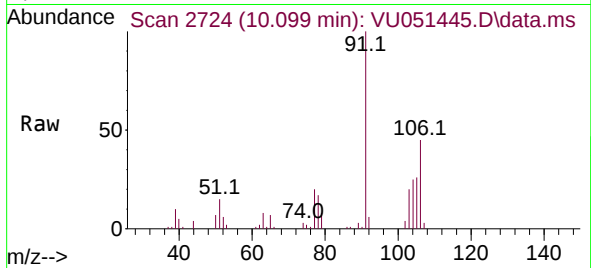




#65
o-Xylene
Concen: 0.490 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

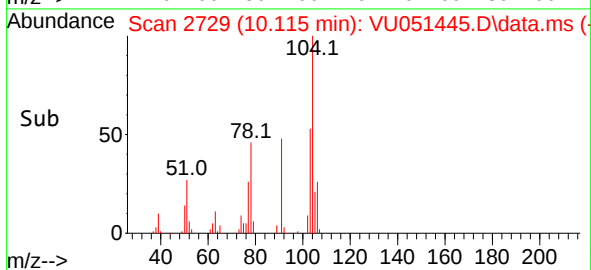
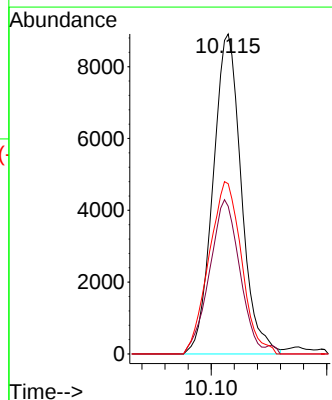
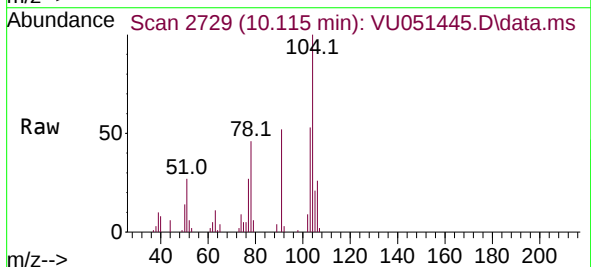
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

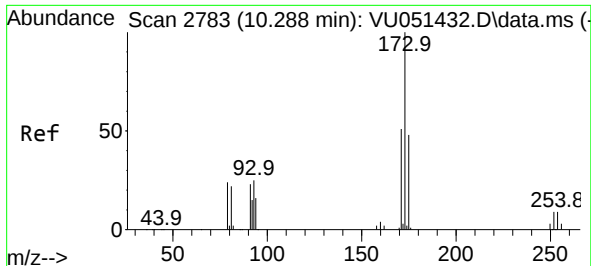
Tgt Ion:106 Resp: 10507
Ion Ratio Lower Upper
106 100
91 212.2 107.1 321.3



#66
Styrene
Concen: 0.426 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:104 Resp: 15152
Ion Ratio Lower Upper
104 100
78 51.3 39.7 59.5
103 61.8 44.4 66.6

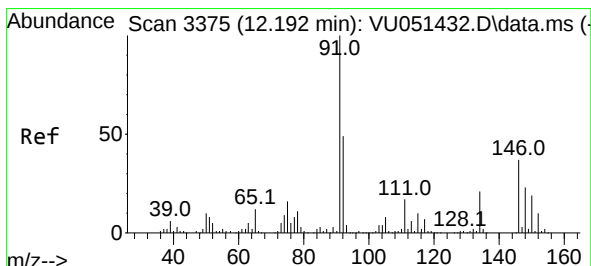
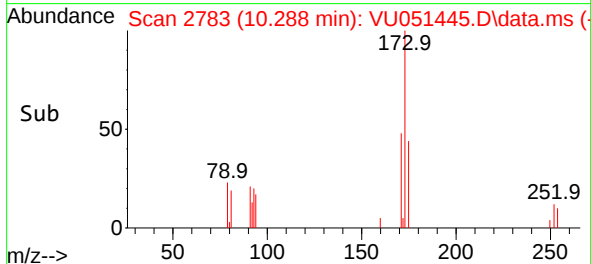
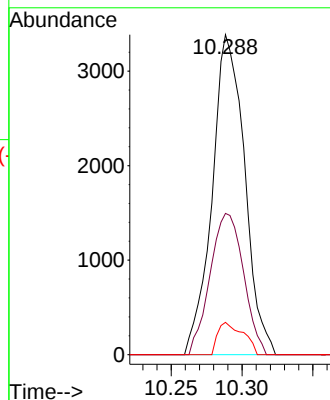
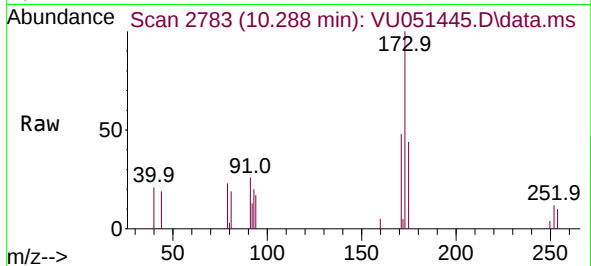




#67
Bromoform
Concen: 0.718 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

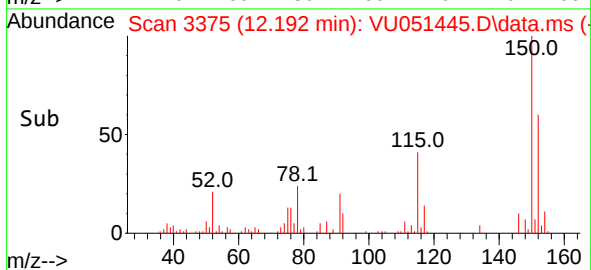
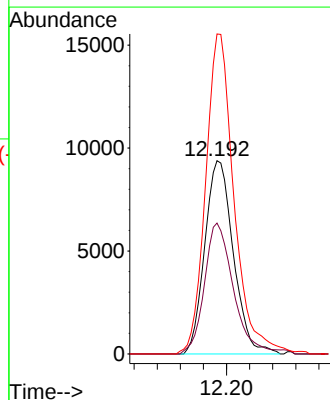
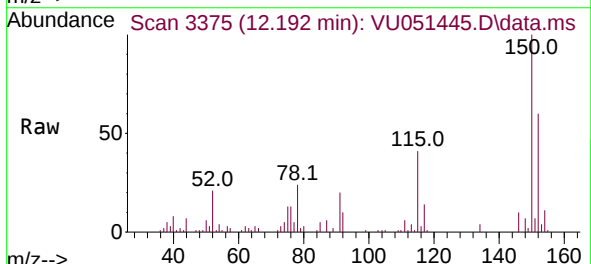
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

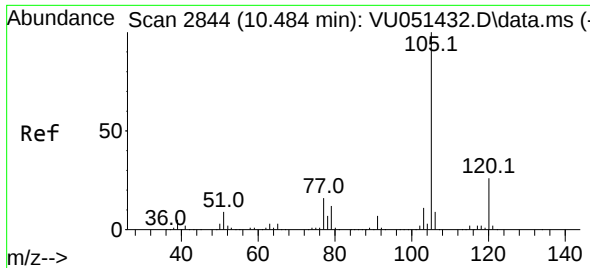
Tgt Ion:173 Resp: 5397
Ion Ratio Lower Upper
173 100
175 45.5 38.6 58.0
254 7.8 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 0.893 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:152 Resp: 16125
Ion Ratio Lower Upper
152 100
115 69.3 0.0 333.0
150 164.9 0.0 662.0





#69

Isopropylbenzene

Concen: 0.455 ug/l

RT: 10.481 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

Instrument :

MSVOA_U

ClientSampleId :

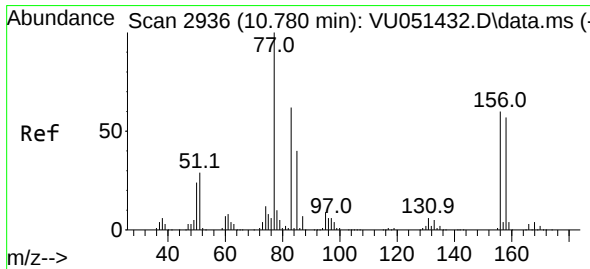
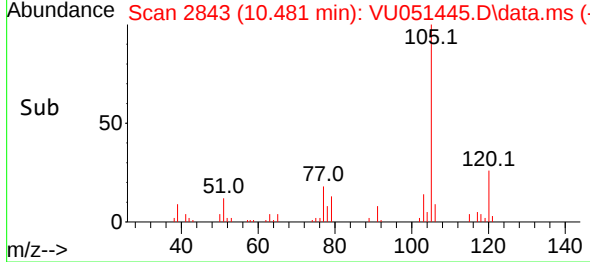
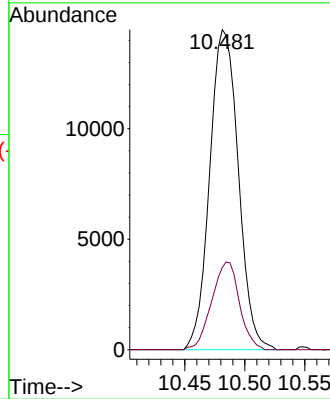
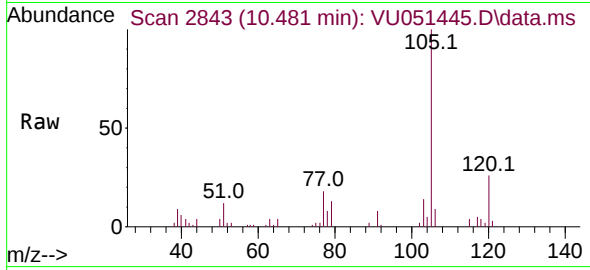
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:105 Resp: 24023

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.713 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051445.D

Acq: 18 Oct 2022 16:47

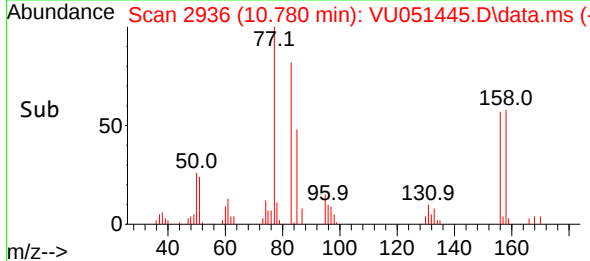
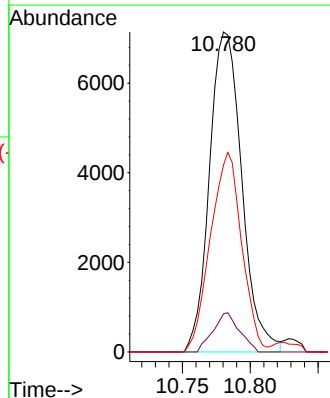
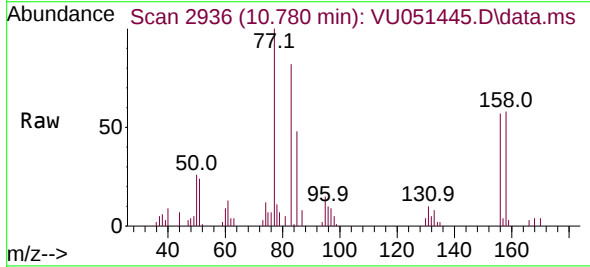
Tgt Ion: 83 Resp: 11867

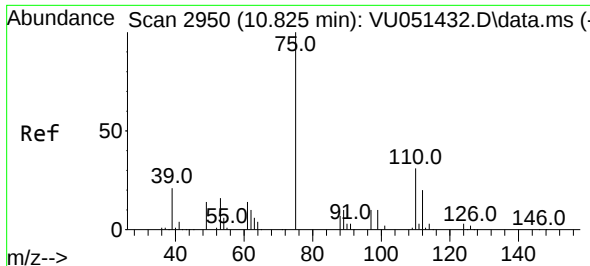
Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

85 60.1 51.4 77.2

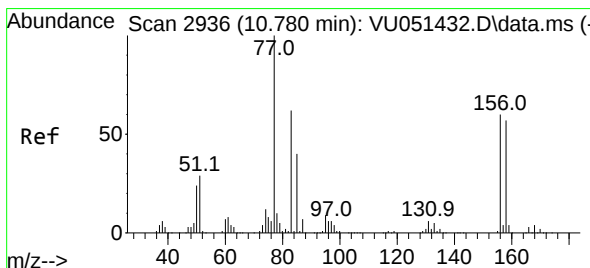
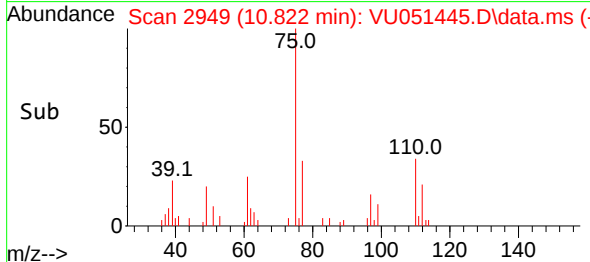
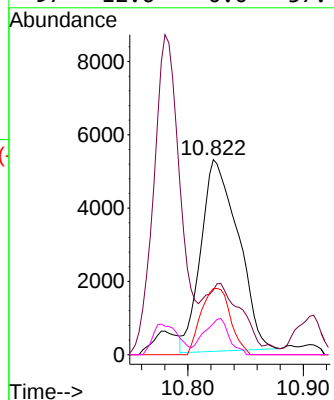
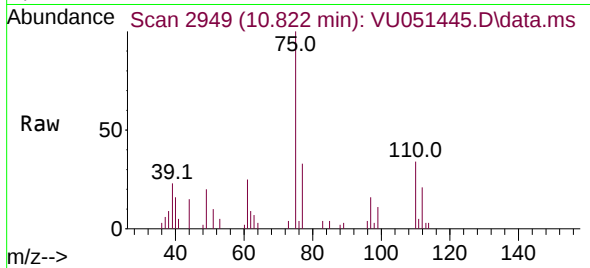




#71
1,2,3-Trichloropropane
Concen: 0.946 ug/l
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

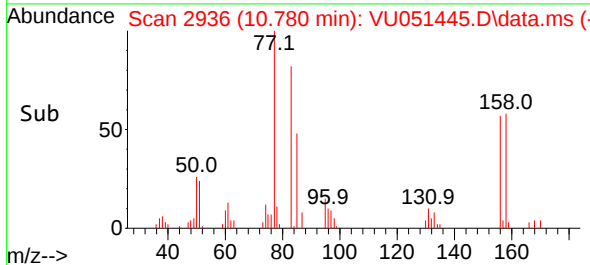
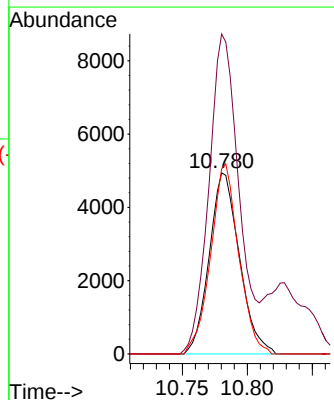
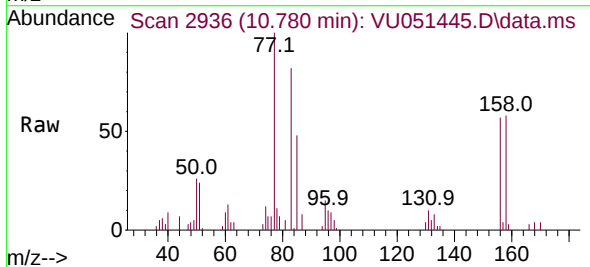
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

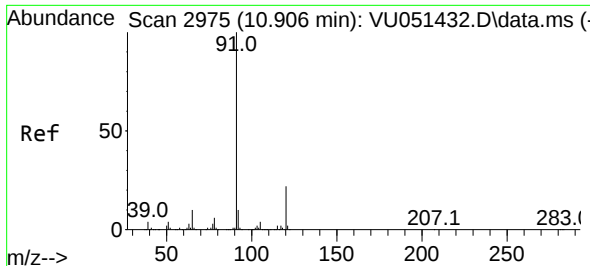
Tgt Ion:	75	Resp:	11700
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	111.0
110	27.4	0.0	70.2
97	12.6	0.0	37.4



#72
Bromobenzene
Concen: 0.551 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:	156	Resp:	7994
Ion	Ratio	Lower	Upper
156	100		
77	175.4	0.0	343.4
158	97.4	0.0	195.6

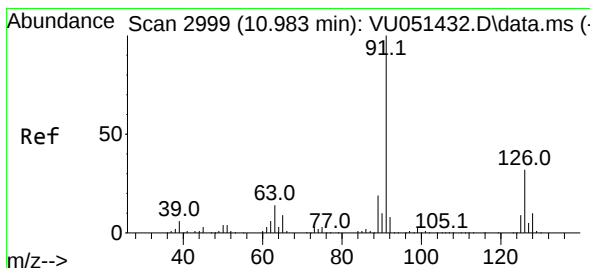
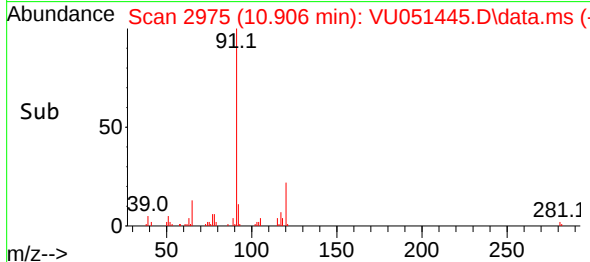
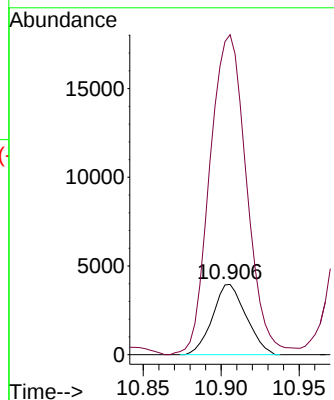
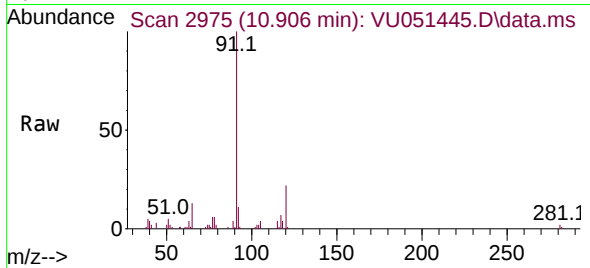




#73
n-propylbenzene
Concen: 0.399 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

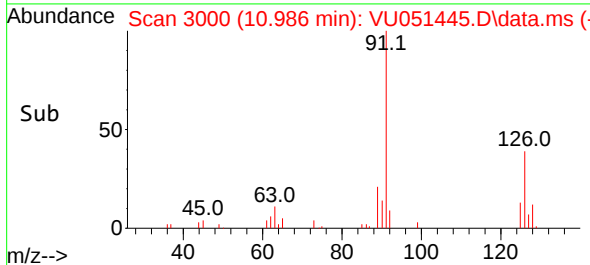
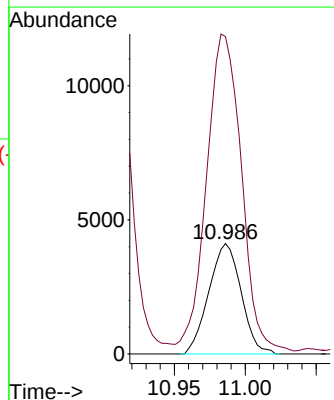
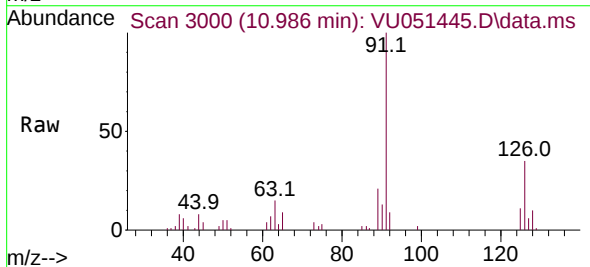
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

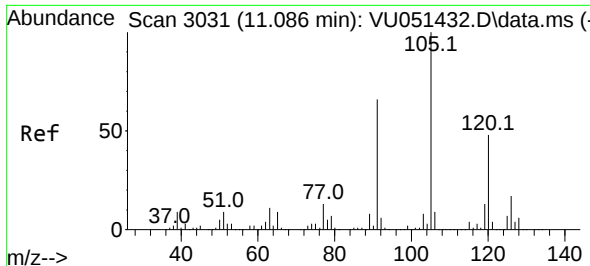
Tgt Ion:120 Resp: 5924
Ion Ratio Lower Upper
120 100
91 501.0 362.3 543.5



#74
2-Chlorotoluene
Concen: 0.462 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:126 Resp: 6518
Ion Ratio Lower Upper
126 100
91 309.5 0.0 623.2

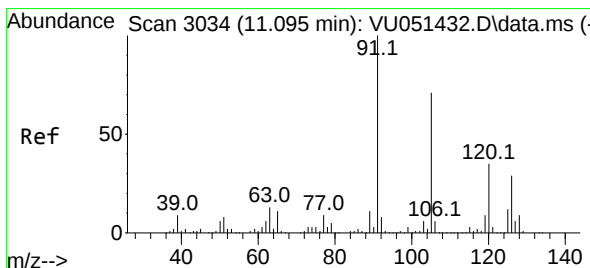
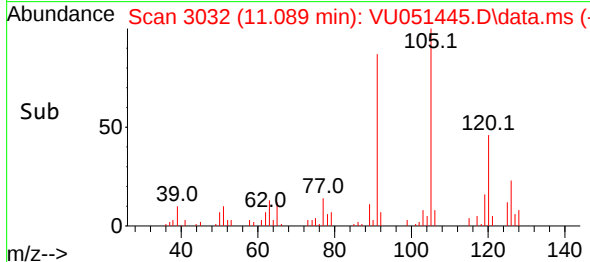
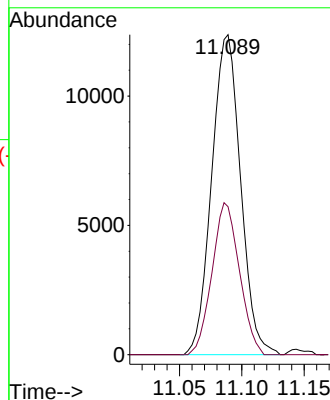
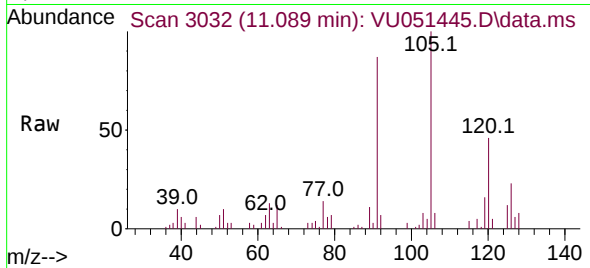




#75
1,3,5-Trimethylbenzene
Concen: 0.417 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

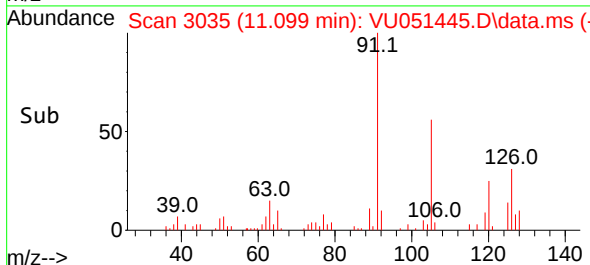
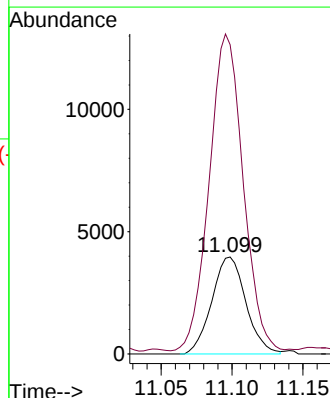
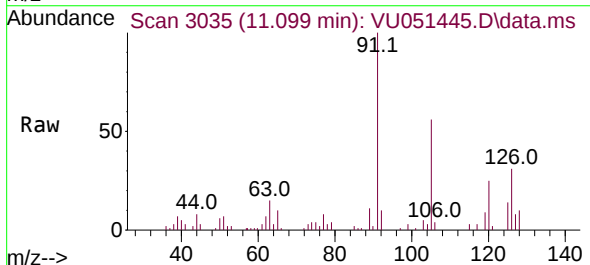
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

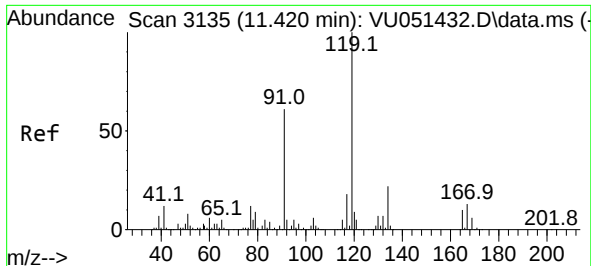
Tgt Ion:105 Resp: 19958
Ion Ratio Lower Upper
105 100
120 45.0 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.459 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.004 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:126 Resp: 6630
Ion Ratio Lower Upper
126 100
91 324.2 0.0 717.6

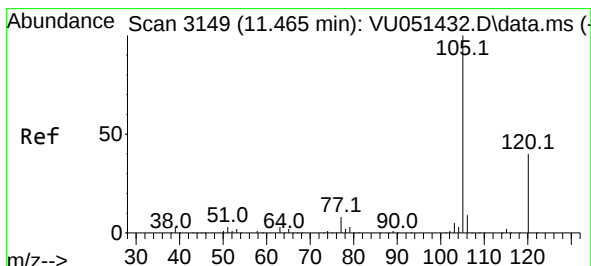
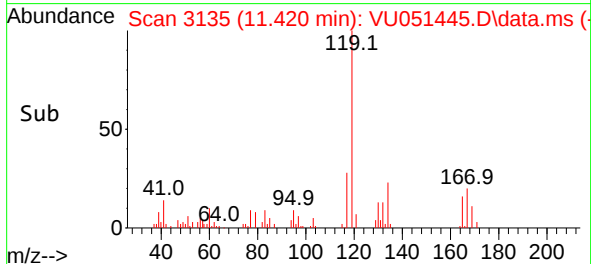
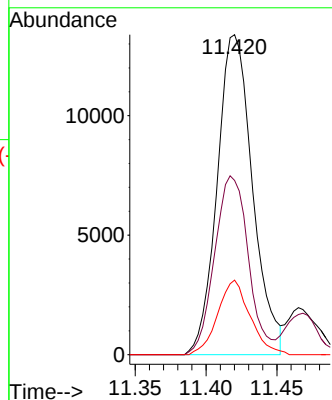
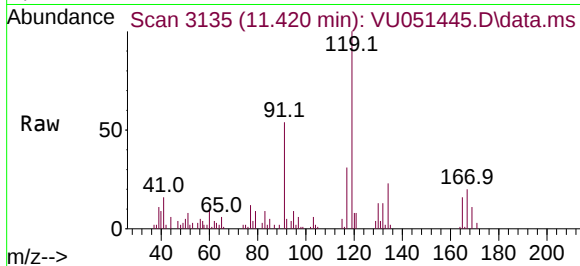




#77
 tert-Butylbenzene
 Concen: 0.498 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

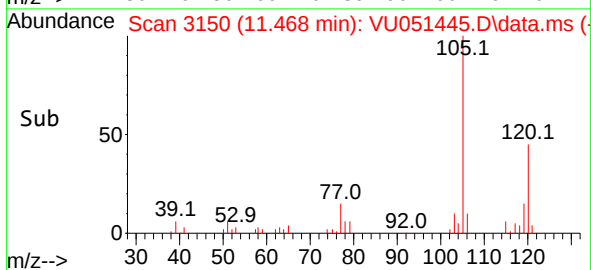
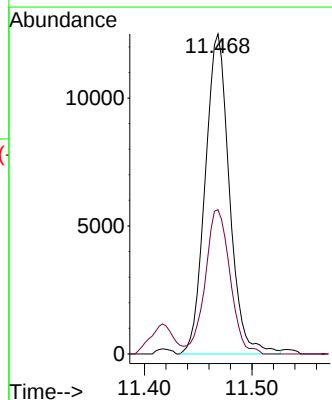
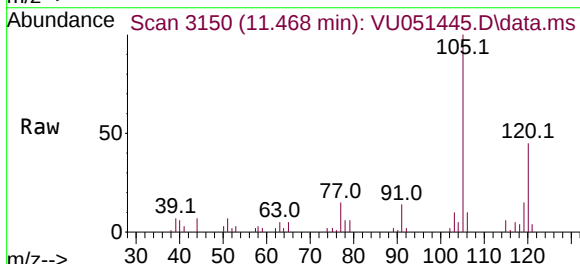
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

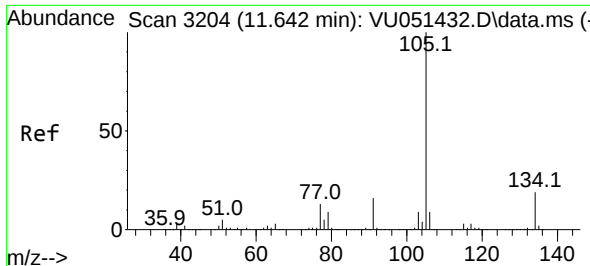
Tgt Ion:	119	Resp:	23299
Ion	Ratio	Lower	Upper
119	100		
91	53.5	29.8	89.5
134	21.3	17.9	26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 0.393 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

Tgt Ion:	105	Resp:	19583
Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.1	66.3

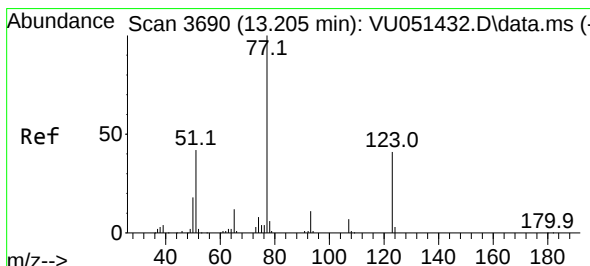
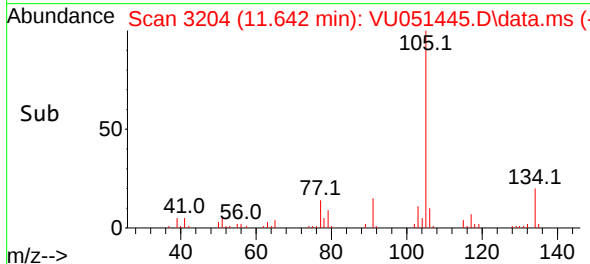
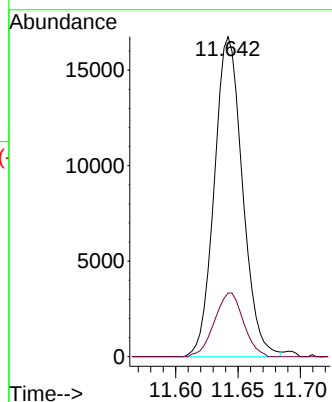
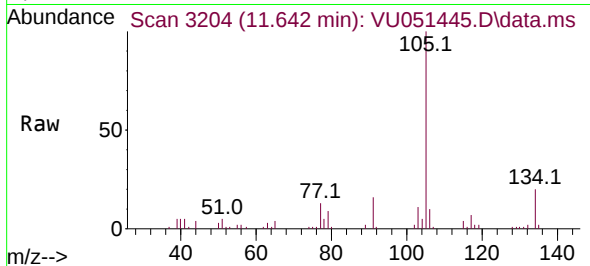




#79
 sec-Butylbenzene
 Concen: 0.426 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

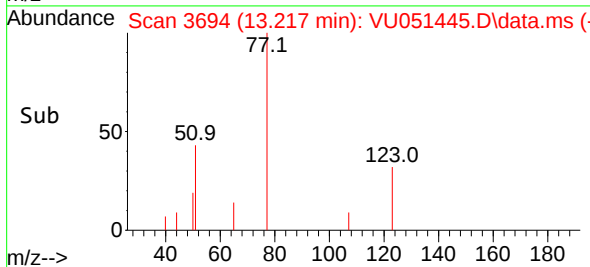
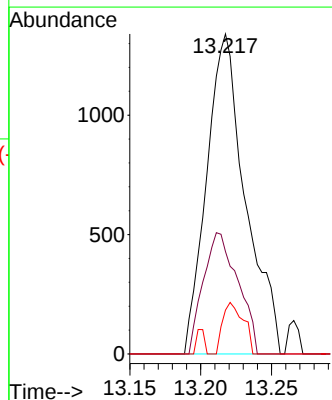
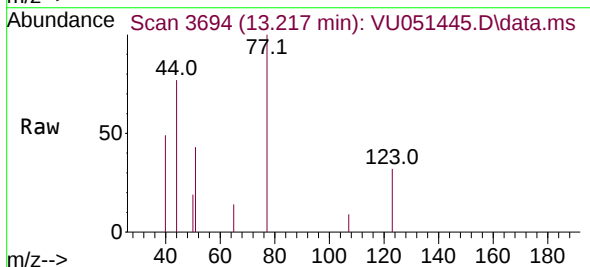
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

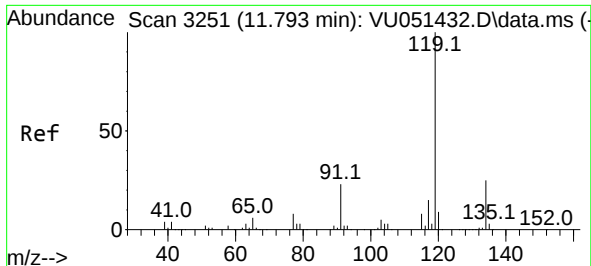
Tgt Ion:105 Resp: 26375
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.2 22.8



#80
 Nitrobenzene
 Concen: 3.089 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.013 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

Tgt Ion: 77 Resp: 2547
 Ion Ratio Lower Upper
 77 100
 123 33.9 17.5 62.1
 65 8.6 11.1 14.1#

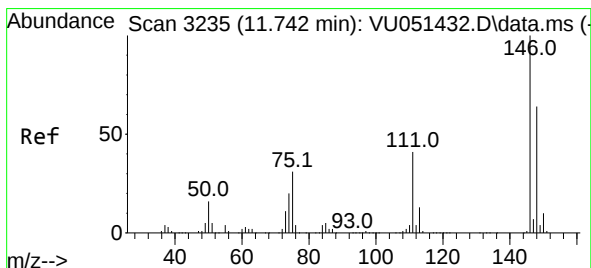
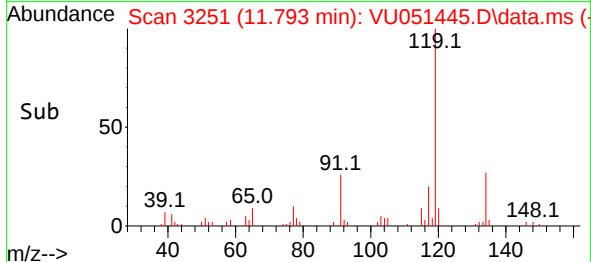
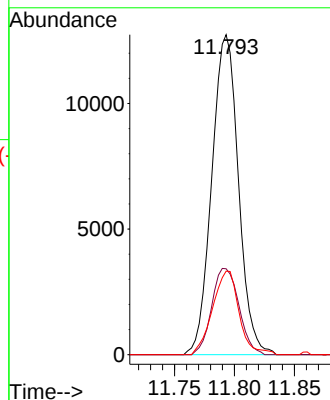
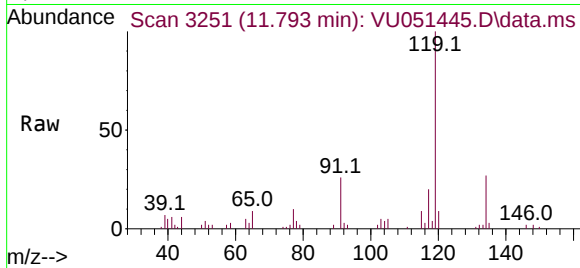




#81
 p-Isopropyltoluene
 Concen: 0.398 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

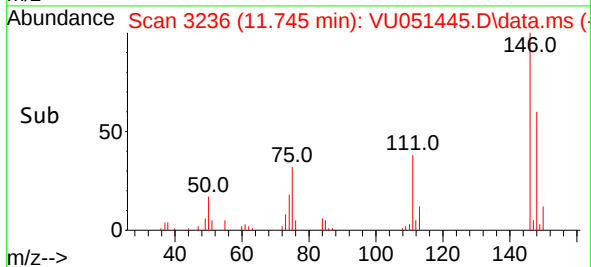
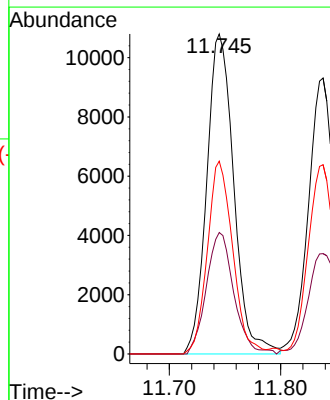
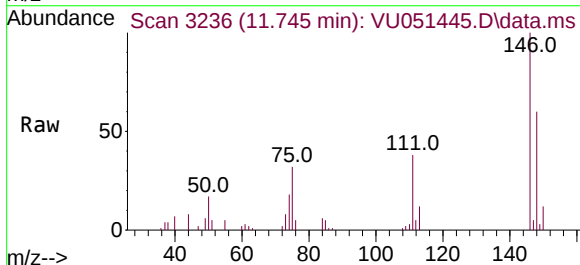
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

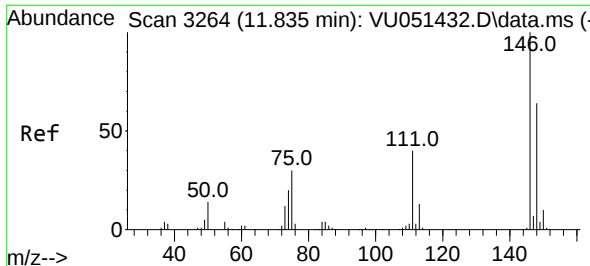
Tgt Ion:119 Resp: 19677
 Ion Ratio Lower Upper
 119 100
 134 27.4 20.3 30.5
 91 26.0 18.6 27.8



#82
 1,3-Dichlorobenzene
 Concen: 0.585 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. 0.003 min
 Lab File: VU051445.D
 Acq: 18 Oct 2022 16:47

Tgt Ion:146 Resp: 18236
 Ion Ratio Lower Upper
 146 100
 111 38.4 33.4 50.0
 148 56.4 51.0 76.6

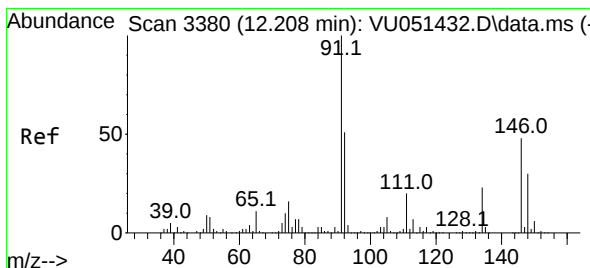
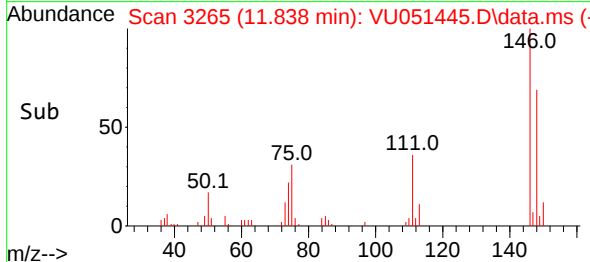
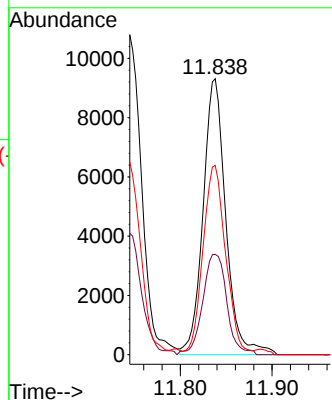
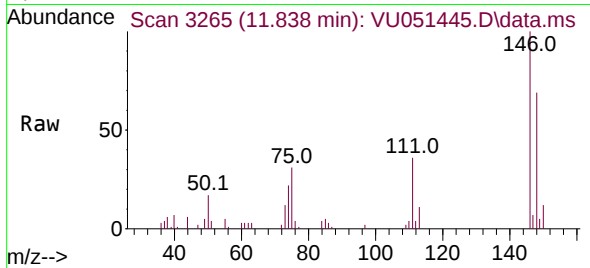




#83
1,4-Dichlorobenzene
Concen: 0.526 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

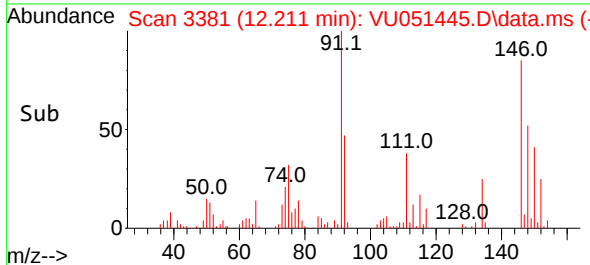
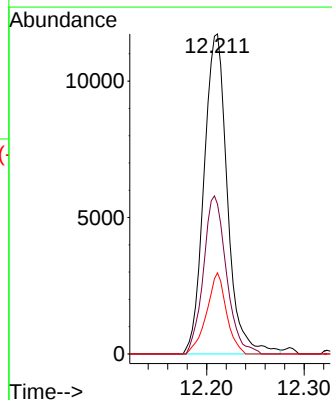
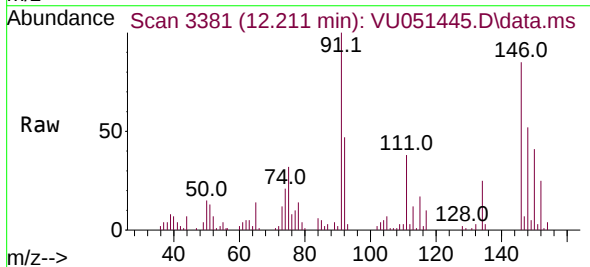
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

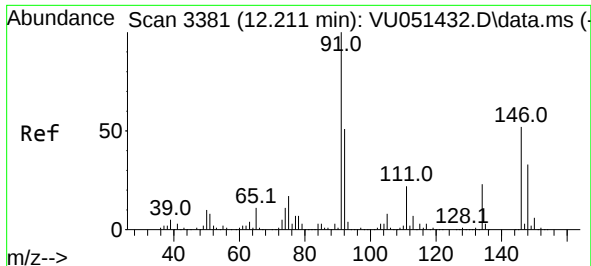
Tgt Ion:146 Resp: 16049
Ion Ratio Lower Upper
146 100
111 38.3 31.6 47.4
148 66.0 50.5 75.7



#84
n-Butylbenzene
Concen: 0.398 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 91 Resp: 19524
Ion Ratio Lower Upper
91 100
92 48.6 40.6 61.0
134 21.5 18.3 27.5

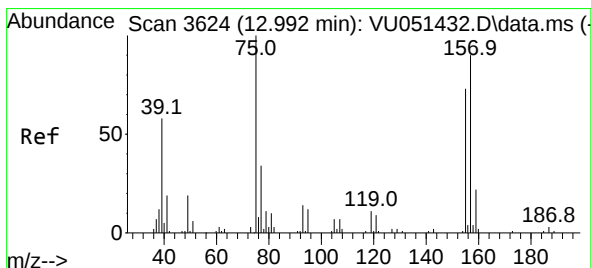
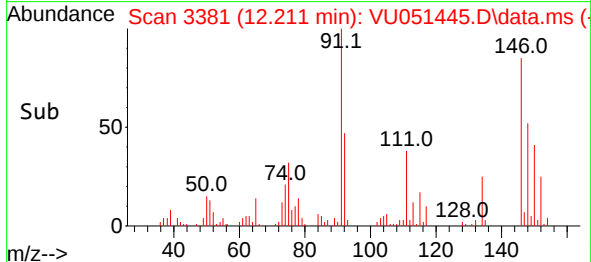
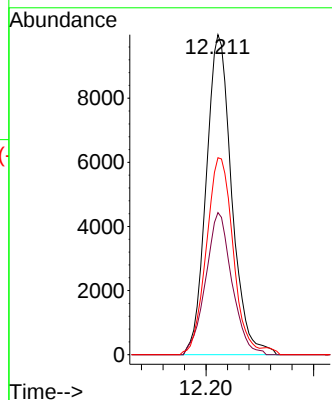
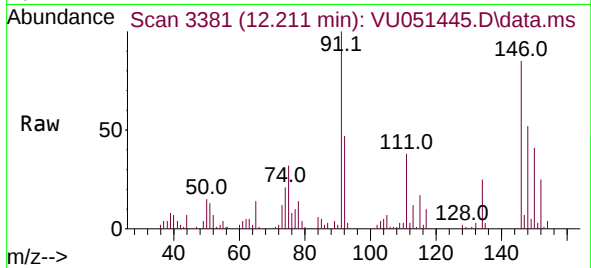




#85
1,2-Dichlorobenzene
Concen: 0.534 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

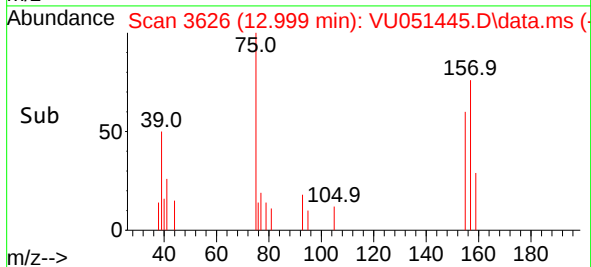
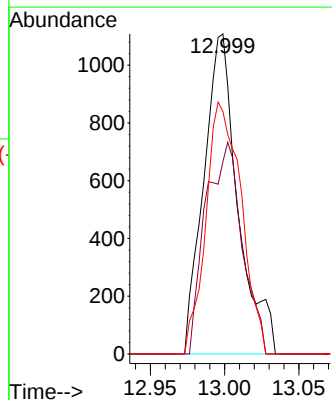
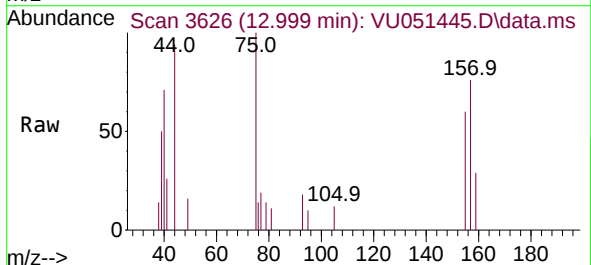
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

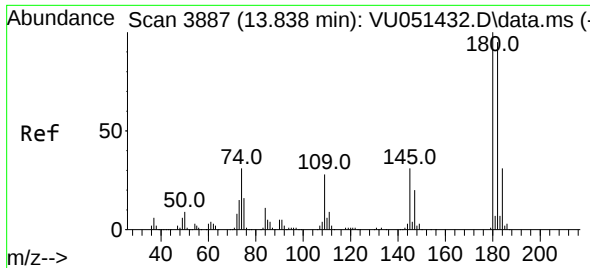
Tgt Ion:146 Resp: 16390
Ion Ratio Lower Upper
146 100
111 45.7 21.3 63.9
148 65.7 31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.680 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.006 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion: 75 Resp: 1772
Ion Ratio Lower Upper
75 100
155 71.0 58.5 87.7
157 81.2 75.3 112.9

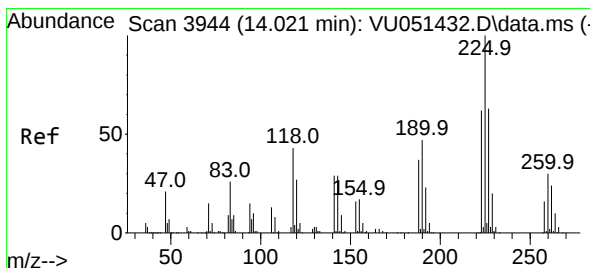
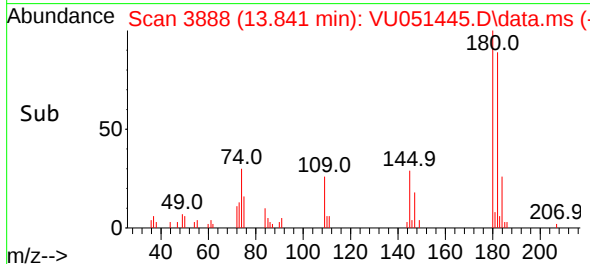
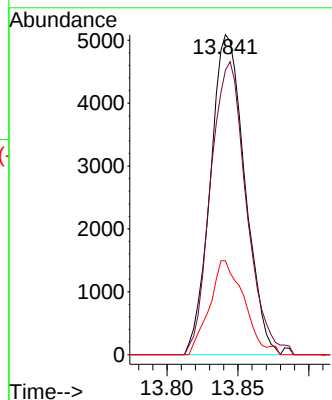
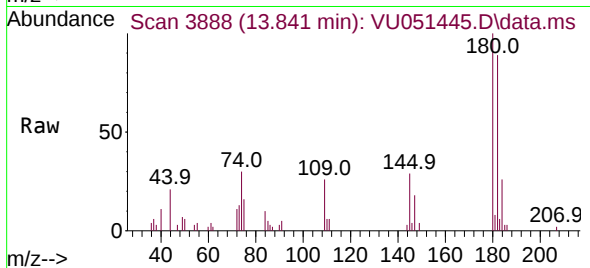




#87
1,2,4-Trichlorobenzene
Concen: 0.517 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

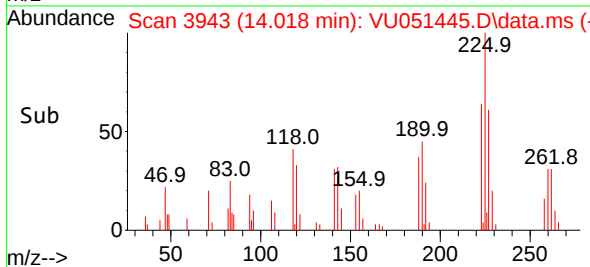
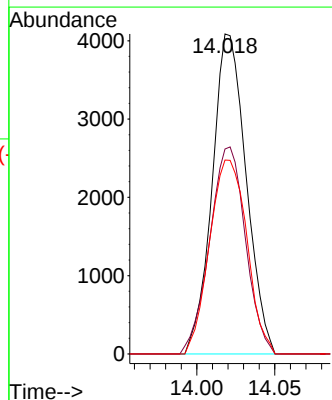
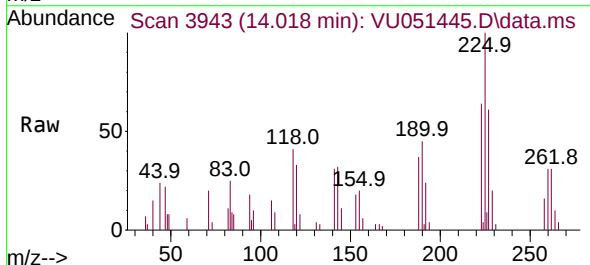
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

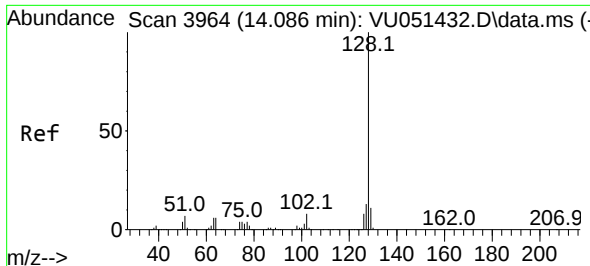
Tgt Ion:	180	Resp:	8592
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.9	113.9
145	29.6	24.9	37.3



#88
Hexachlorobutadiene
Concen: 0.571 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:	225	Resp:	6195
Ion Ratio	Lower	Upper	
225	100		
223	68.0	50.1	75.1
227	66.5	51.4	77.2

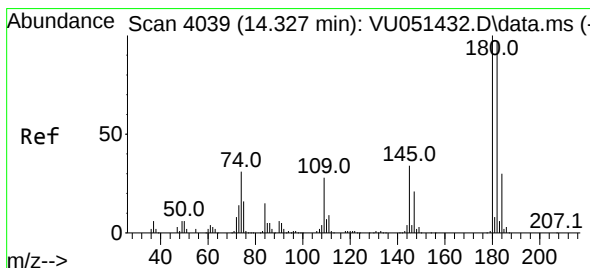
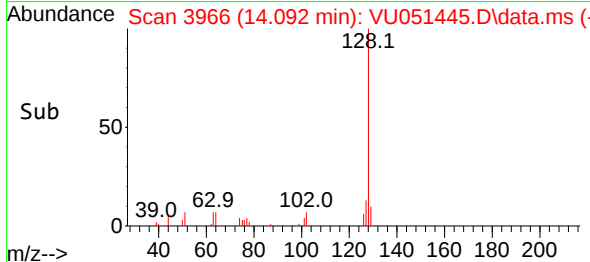
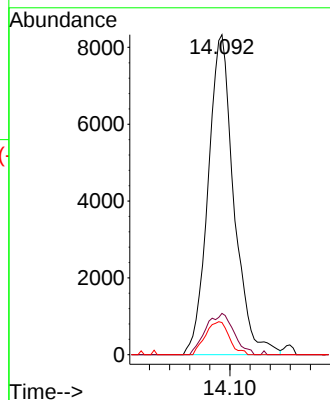
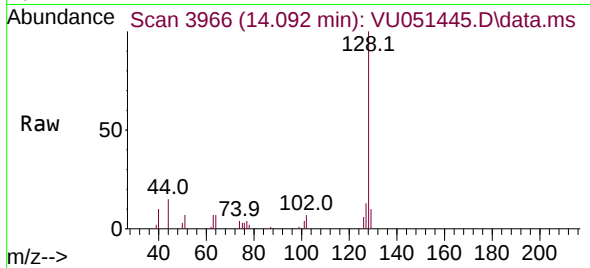




#89
Naphthalene
Concen: 0.427 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:128	Resp:	14862
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.7 16.1
129	9.5	8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 0.436 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051445.D
Acq: 18 Oct 2022 16:47

Tgt Ion:180	Resp:	7928
Ion Ratio	Lower	Upper
180	100	
182	99.2	75.8 113.6
145	36.1	26.6 39.8

