

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
 Data File : VU050445.D
 Acq On : 25 Aug 2022 15:12
 Operator : SY/MD
 Sample : N3980-09 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Aug 26 06:37:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.125	96	31275	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10818	1.016	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13765	1.094	ug/l	0.00
Spiked Amount	1.000		Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	19552	1.509	ug/l	95
3) Chloromethane	1.520	50	26486	1.681	ug/l	96
4) Vinyl Chloride	1.604	62	22052	1.638	ug/l	98
5) Bromomethane	1.858	94	9680	1.757	ug/l	93
6) Chloroethane	1.935	64	13696	1.682	ug/l	95
7) Trichlorofluoromethane	2.138	101	26726	1.591	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	15714	1.672	ug/l	95
9) 1,1-Dichloroethene	2.584	96	14441	1.568	ug/l	94
10) Iodomethane	2.729	142	8354	1.100	ug/l	98
11) Allyl Chloride	2.935	41	24750	1.743	ug/l	95
12) Acrylonitrile	3.343	53	7294	2.640	ug/l	91
13) Acetone	2.642	43	11738	6.075	ug/l	99
14) Carbon Disulfide	2.800	76	41764	1.464	ug/l	99
15) Methylene Chloride	3.060	84	22046	1.769	ug/l	95
16) trans-1,2-Dichloroethene	3.369	96	16497	1.733	ug/l	90
17) 1,1-Dichloroethane	3.887	63	34930	1.762	ug/l	99
18) 2-Butanone	4.748	43	23740	7.812	ug/l	94
19) Cyclohexane	5.359	56	22711	1.578	ug/l	97
20) Methylcyclohexane	6.800	83	15171	1.338	ug/l	98
21) 2,2-Dichloropropane	4.665	77	24509	1.626	ug/l	95
22) cis-1,2-Dichloroethene	4.668	96	18255	1.695	ug/l	94
23) Diethyl Ether	2.379	59	13389	1.692	ug/l	95
24) tert-Butyl Alcohol	3.231	59	11139	11.123	ug/l #	93
25) Methyl tert-Butyl Ether	3.392	73	42000	1.717	ug/l	95
26) Bromochloromethane	4.970	128	7328	1.696	ug/l	89
27) Chloroform	5.083	83	33239	1.730	ug/l	98
28) 1,1,1-Trichloroethane	5.298	97	27739	1.692	ug/l	96
29) 1,1-Dichloropropene	5.501	75	21423	1.631	ug/l	97
30) Carbon Tetrachloride	5.498	117	21117	1.609	ug/l	99
31) Isopropyl Ether	4.028	45	60496	1.966	ug/l	95
32) Ethyl-t-butyl ether	4.530	59	43313	1.792	ug/l	98
33) Tert-Amyl methyl ether	5.961	73	25037	1.589	ug/l	96
34) Propionitrile	4.745	54	166	0.185	ug/l #	1
35) Benzene	5.761	78	63559	1.646	ug/l	99
36) 1,2-Dichloroethane	5.797	62	19744	1.675	ug/l	99
37) Trichloroethene	6.588	130	15252	1.648	ug/l	97
38) 1,2-Dichloropropane	6.835	63	16941	1.635	ug/l	96
39) Methacrylonitrile	4.990	41	6699	1.819	ug/l #	92
40) Methyl acrylate	4.822	55	564	0.101	ug/l #	49
41) Tetrahydrofuran	5.092	42	5325	2.887	ug/l #	86
42) 1-Chlorobutane	5.440	56	30804	1.647	ug/l	96
43) Dibromomethane	6.960	93	9522	1.705	ug/l	97
44) Bromodichloromethane	7.144	83	21674	1.644	ug/l #	86

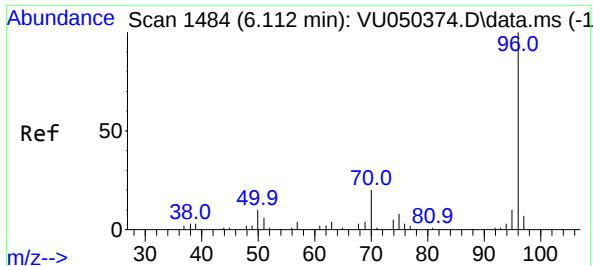
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.832	43	41590	7.417	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	17519	5.618	ug/l #	42
47) Methyl methacrylate	7.009	69	11626	3.122	ug/l	95
48) Ethyl methacrylate	8.362	69	10039	1.554	ug/l	99
49) Toluene	7.996	92	30303	1.461	ug/l	97
50) t-1,3-Dichloropropene	8.234	75	15219	1.483	ug/l	95
51) cis-1,3-Dichloropropene	7.636	75	17773	1.513	ug/l	95
52) 1,1,2-Trichloroethane	8.423	97	13668	1.665	ug/l	96
53) 1,3-Dichloropropane	8.597	76	20925	1.618	ug/l	97
54) 2-Hexanone	8.713	43	27081	6.935	ug/l	92
55) Dibromochloromethane	8.829	129	14797	1.638	ug/l	98
56) 1,2-Dibromoethane	8.944	107	11476	1.556	ug/l	99
58) Tetrachloroethene	8.571	164	14330	1.645	ug/l	93
59) Chlorobenzene	9.462	112	35601	1.590	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.546	131	14688	1.561	ug/l	97
61) Pentachloroethane	11.430	117	11890	1.519	ug/l	94
62) Hexachloroethane	12.478	117	10398	1.597	ug/l	99
63) Ethyl Benzene	9.581	91	48704	1.584	ug/l	99
64) m/p-Xylenes	9.706	106	35901	2.973	ug/l	98
65) o-Xylene	10.108	106	18370	1.553	ug/l	98
66) Styrene	10.124	104	29644	1.534	ug/l	97
67) Bromoform	10.301	173	8128	1.585	ug/l	99
69) Isopropylbenzene	10.491	105	46905	1.569	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.790	83	18652	1.651	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	17519	2.062	ug/l #	54
72) Bromobenzene	10.790	156	14347	1.485	ug/l	97
73) n-propylbenzene	10.912	120	18611	2.009	ug/l	98
74) 2-Chlorotoluene	10.993	126	13083	1.514	ug/l	100
75) 1,3,5-Trimethylbenzene	11.092	105	41327	1.513	ug/l	97
76) 4-Chlorotoluene	11.105	126	12951	1.466	ug/l	98
77) tert-Butylbenzene	11.427	119	43057	1.593	ug/l	94
78) 1,2,4-Trimethylbenzene	11.472	105	42182	1.527	ug/l	99
79) sec-Butylbenzene	11.648	105	52919	1.530	ug/l	99
80) Nitrobenzene	13.221	77	5112	8.340	ug/l #	97
81) p-Isopropyltoluene	11.796	119	39973	1.506	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	32296	1.623	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	31410	1.588	ug/l	98
84) n-Butylbenzene	12.214	91	38432	1.536	ug/l	97
85) 1,2-Dichlorobenzene	12.218	146	31264	1.598	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2610	1.464	ug/l	96
87) 1,2,4-Trichlorobenzene	13.844	180	16078	1.441	ug/l	99
88) Hexachlorobutadiene	14.021	225	11319	1.558	ug/l	97
89) Naphthalene	14.092	128	29212	1.833	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	16511	1.581	ug/l	95

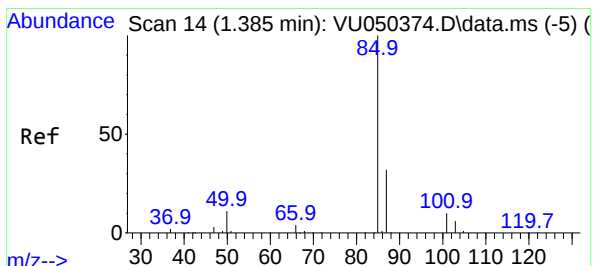
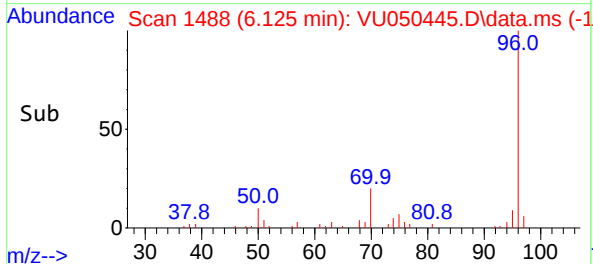
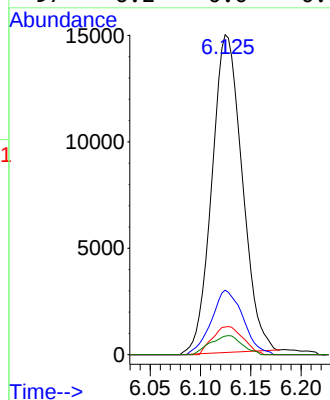
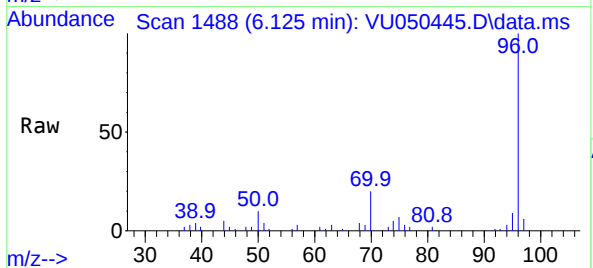
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.125 min Scan# 14
Delta R.T. 0.010 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

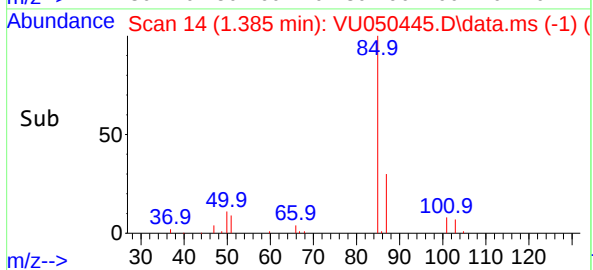
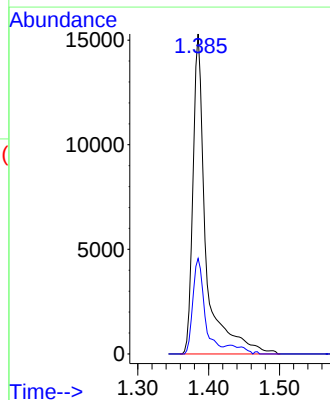
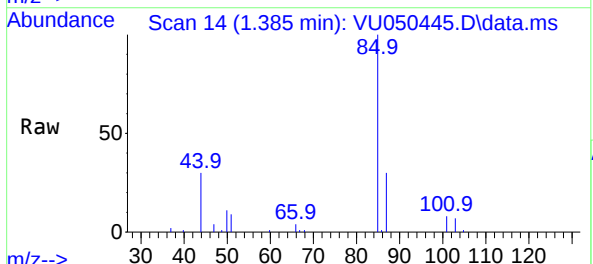
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:	96	Resp:	31275
Ion	Ratio	Lower	Upper
96	100		
70	21.2	16.7	25.1
95	8.9	7.4	11.0
97	6.2	0.0	0.0

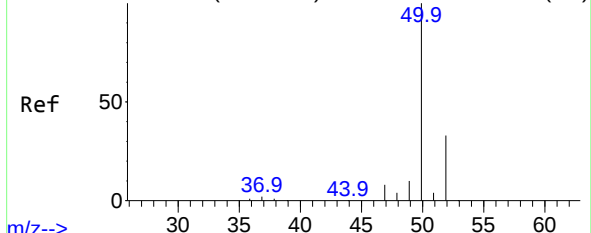


#2
Dichlorodifluoromethane
Concen: 1.509 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	85	Resp:	19552
Ion	Ratio	Lower	Upper
85	100		
87	29.9	16.3	48.8



Abundance Scan 56 (1.520 min): VU050374.D\data.ms (-45)



#3

Chloromethane

Concen: 1.681 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

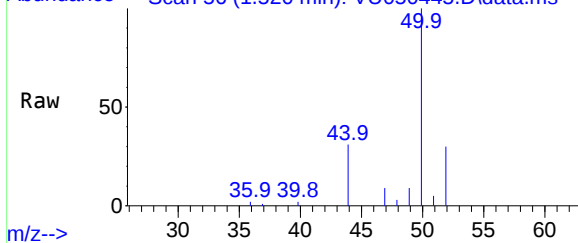
Tgt Ion: 50 Resp: 26486

Ion Ratio Lower Upper

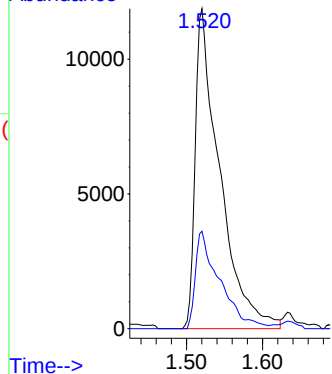
50 100

52 30.4 26.1 39.1

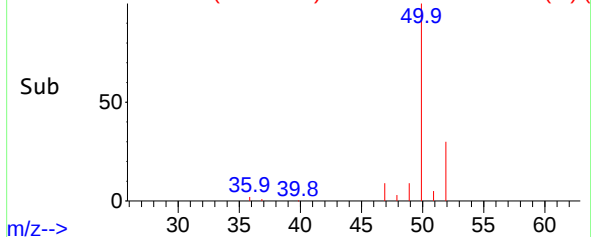
Abundance Scan 56 (1.520 min): VU050445.D\data.ms



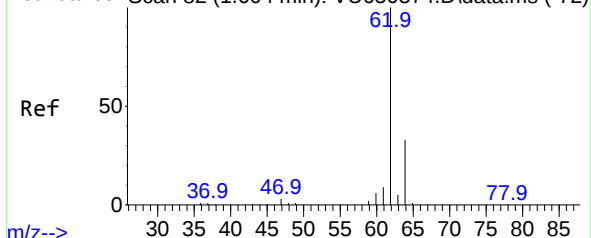
Abundance



Abundance Scan 56 (1.520 min): VU050445.D\data.ms (-1) (



Abundance Scan 82 (1.604 min): VU050374.D\data.ms (-72)



#4

Vinyl Chloride

Concen: 1.638 ug/l

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

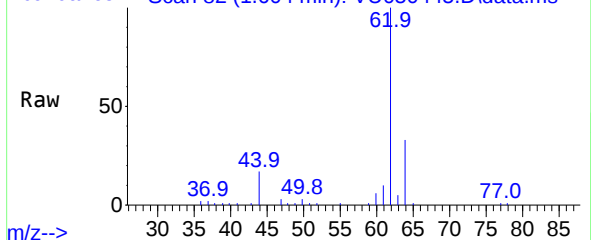
Tgt Ion: 62 Resp: 22052

Ion Ratio Lower Upper

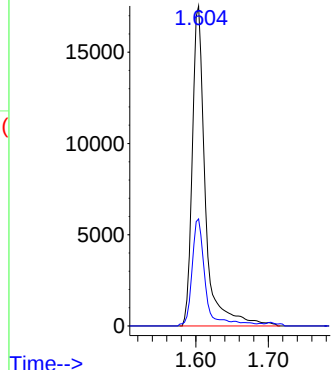
62 100

64 32.8 25.5 38.3

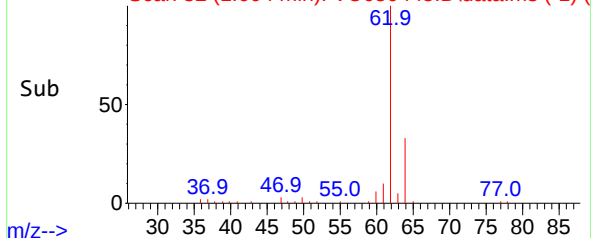
Abundance Scan 82 (1.604 min): VU050445.D\data.ms

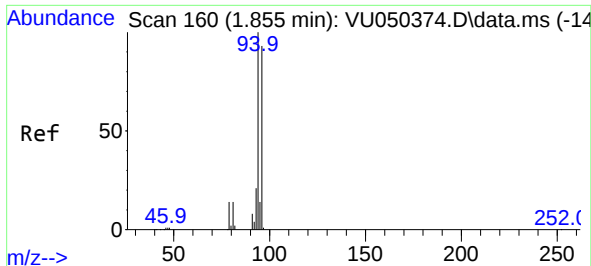


Abundance



Abundance Scan 82 (1.604 min): VU050445.D\data.ms (-1) (

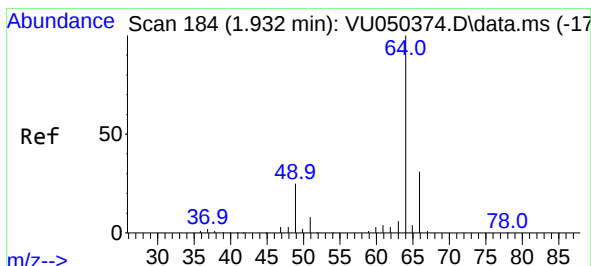
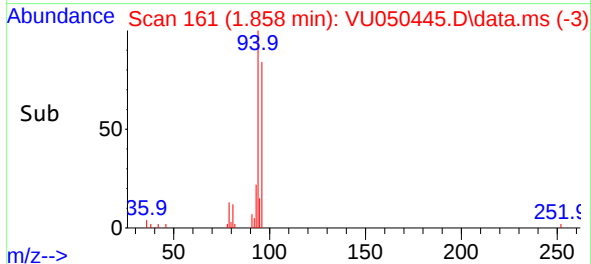
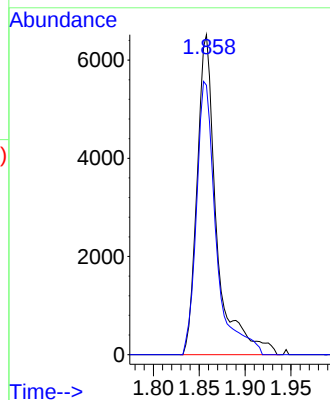
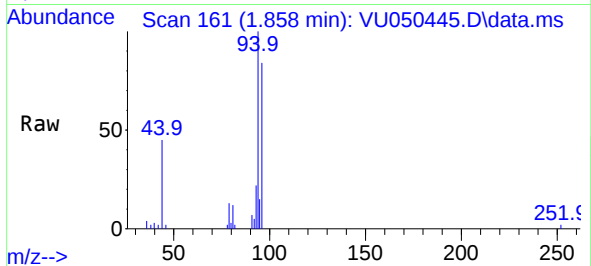




#5
Bromomethane
Concen: 1.757 ug/l
RT: 1.858 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

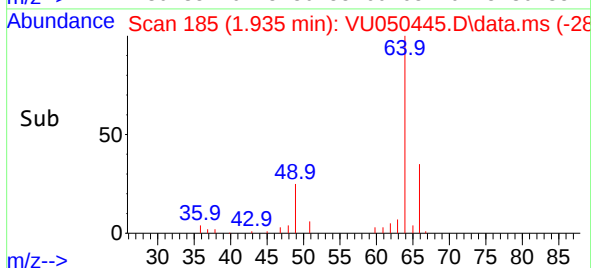
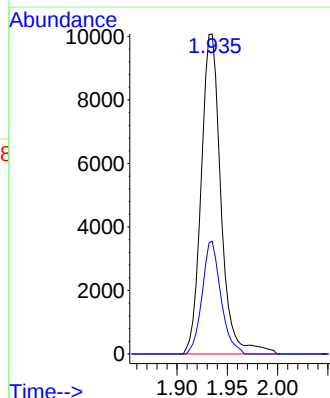
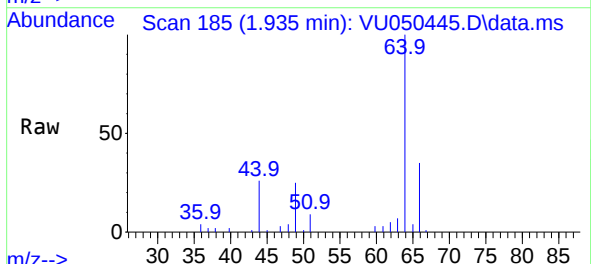
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

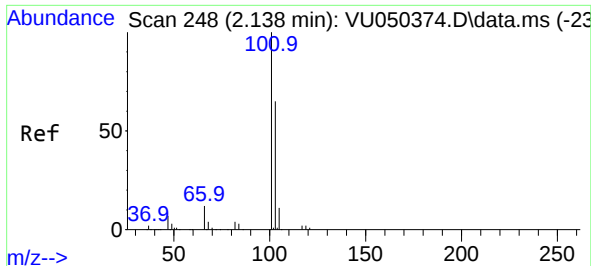
Tgt Ion: 94 Resp: 9680
Ion Ratio Lower Upper
94 100
96 84.2 73.0 109.6



#6
Chloroethane
Concen: 1.682 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 64 Resp: 13696
Ion Ratio Lower Upper
64 100
66 35.2 25.8 38.6

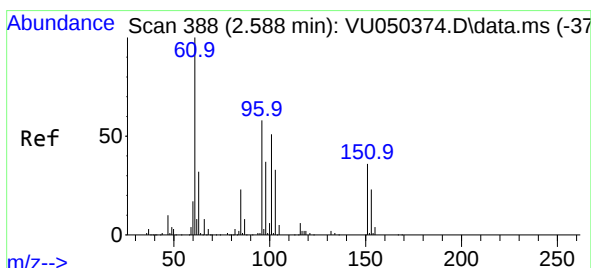
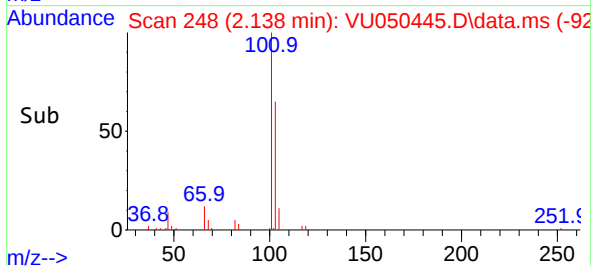
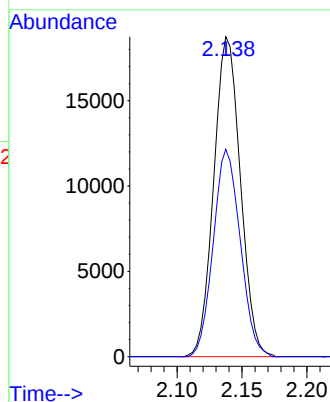
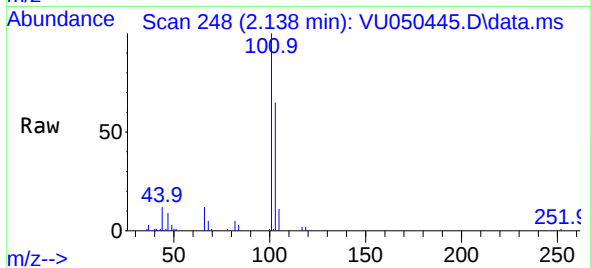




#7
 Trichlorofluoromethane
 Concen: 1.591 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

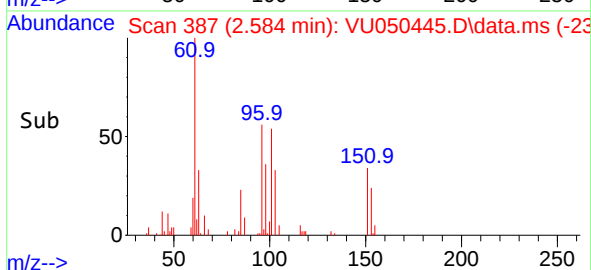
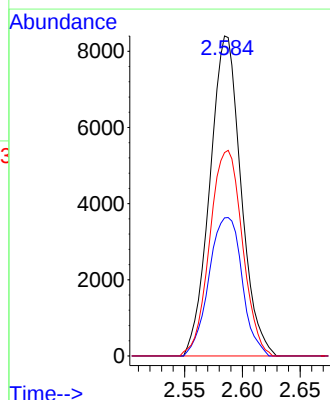
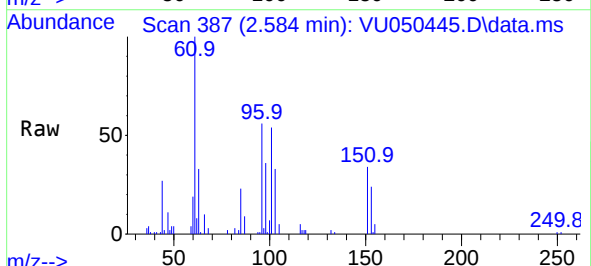
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

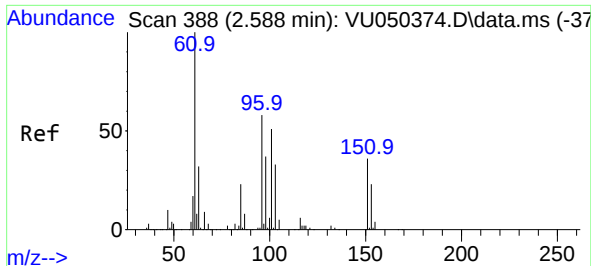
Tgt Ion:101 Resp: 26726
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.672 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

Tgt Ion:101 Resp: 15714
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.4 54.6
 151 67.5 59.1 88.7

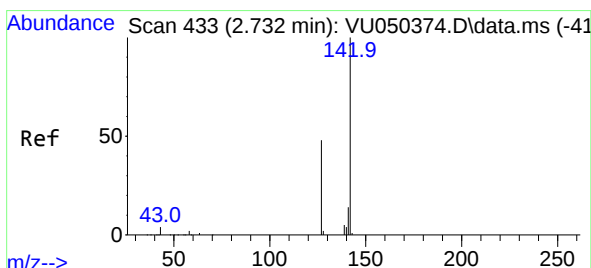
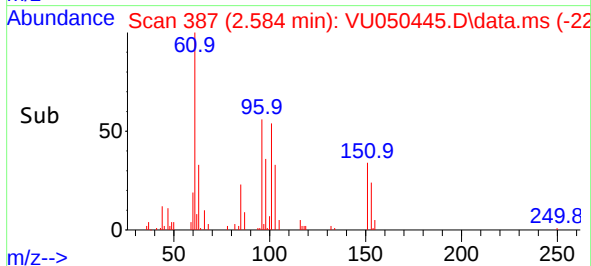
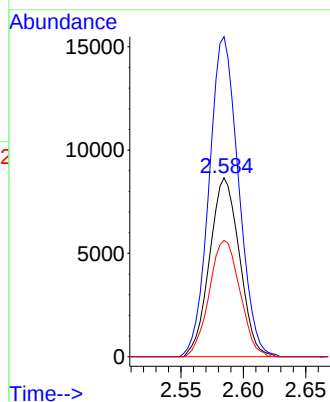
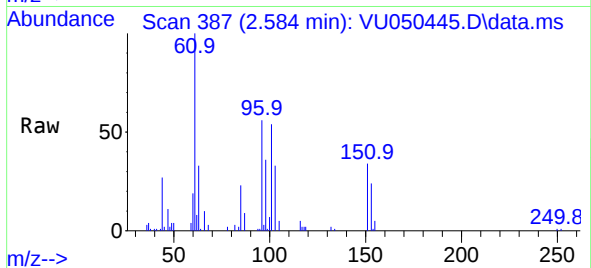




#9
1,1-Dichloroethene
Concen: 1.568 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

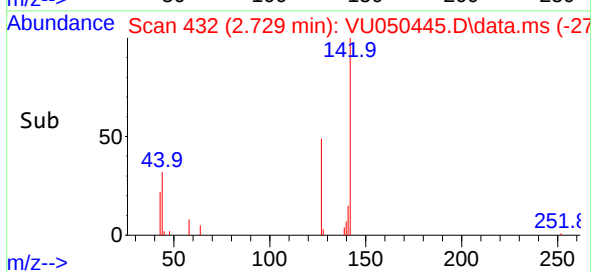
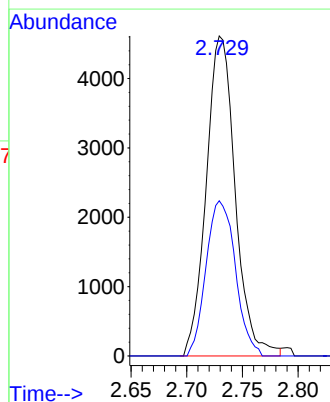
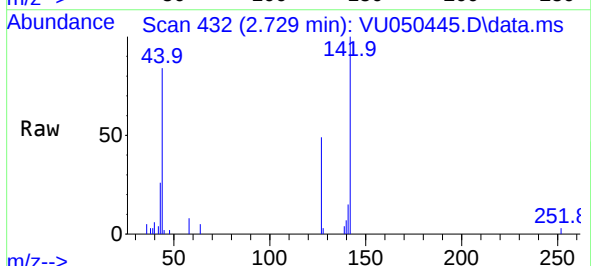
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

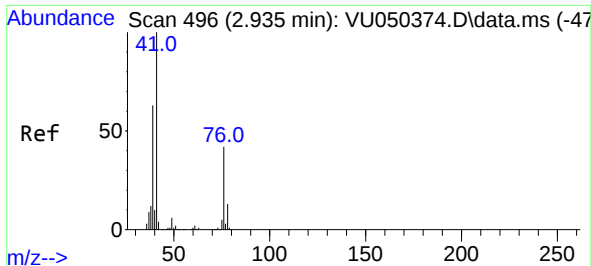
Tgt Ion: 96 Resp: 14441
Ion Ratio Lower Upper
96 100
61 178.8 0.0 510.6
98 66.6 0.0 124.6



#10
Iodomethane
Concen: 1.100 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.010 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 142 Resp: 8354
Ion Ratio Lower Upper
142 100
127 49.0 38.2 57.2

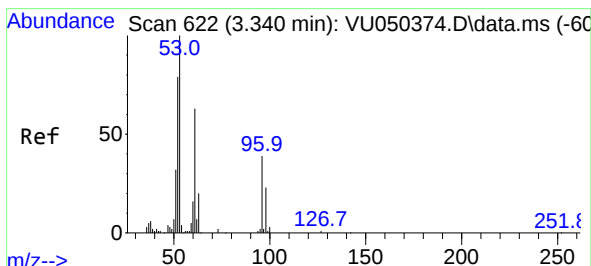
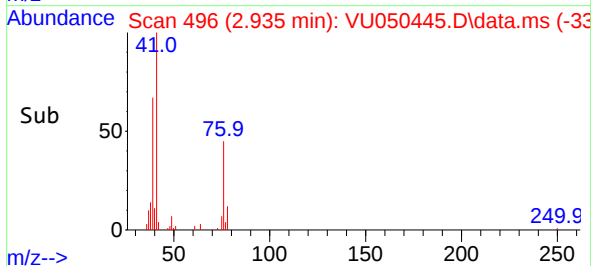
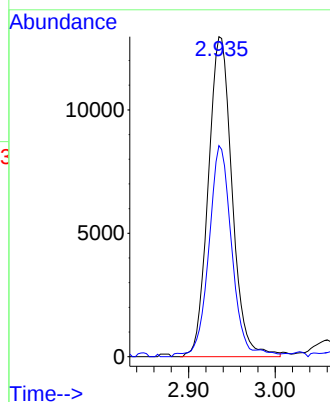
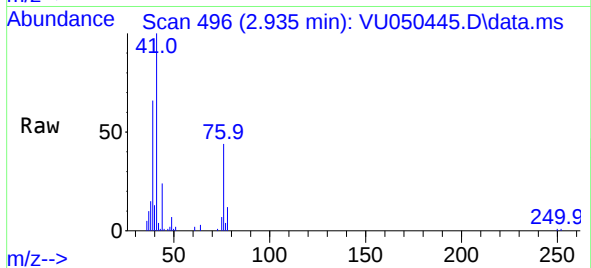




#11
 Allyl Chloride
 Concen: 1.743 ug/l
 RT: 2.935 min Scan# 496
 Delta R.T. 0.013 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

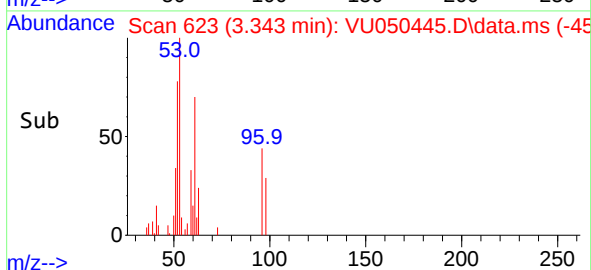
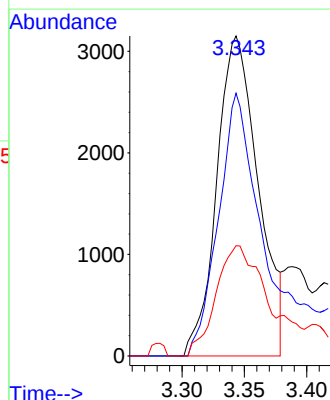
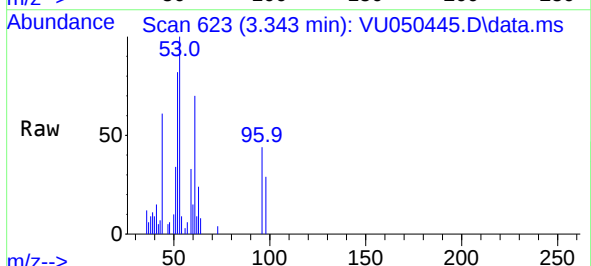
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

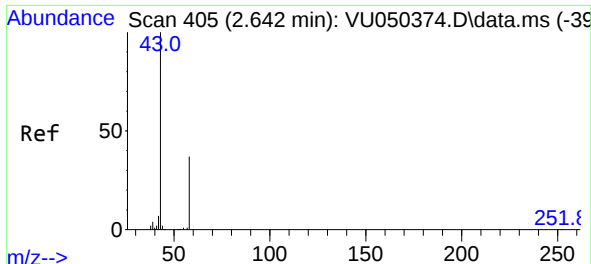
Tgt Ion: 41 Resp: 24750
 Ion Ratio Lower Upper
 41 100
 39 62.4 53.2 79.8



#12
 Acrylonitrile
 Concen: 2.640 ug/l
 RT: 3.343 min Scan# 623
 Delta R.T. 0.026 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

Tgt Ion: 53 Resp: 7294
 Ion Ratio Lower Upper
 53 100
 52 91.7 64.6 97.0
 51 37.7 30.7 46.1

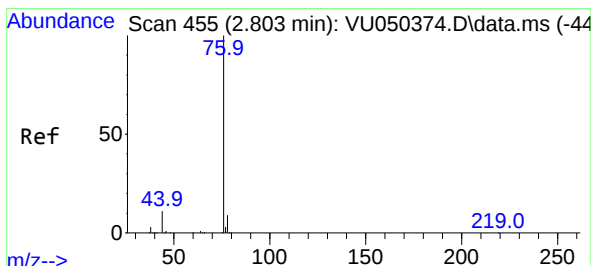
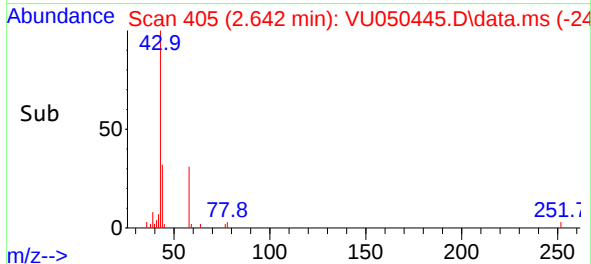
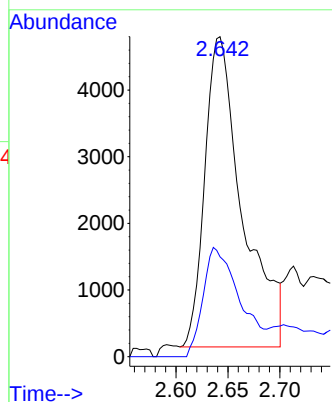
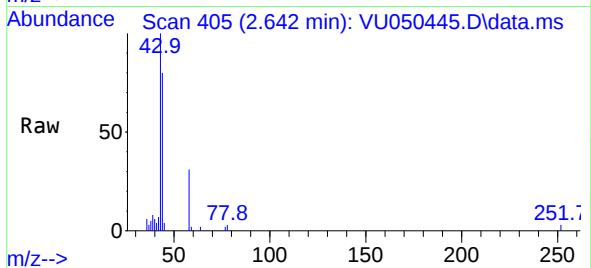




#13
Acetone
Concen: 6.075 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.016 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

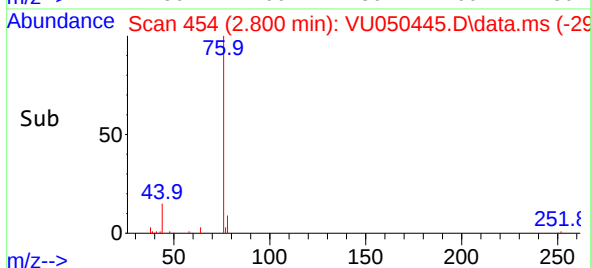
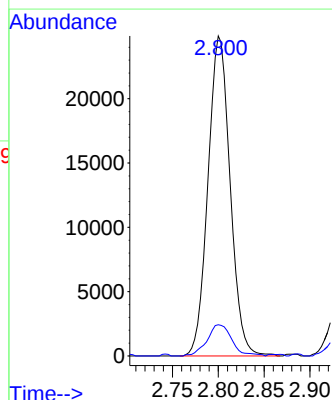
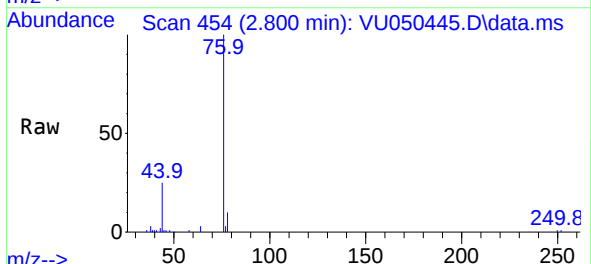
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

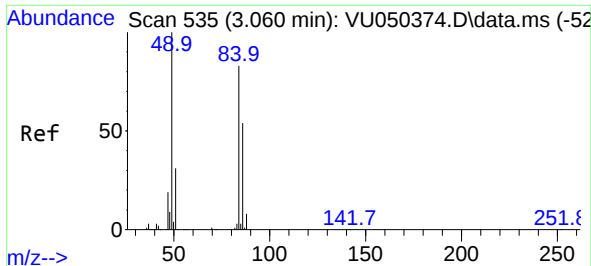
Tgt Ion: 43 Resp: 11738
Ion Ratio Lower Upper
43 100
58 32.2 26.2 39.2



#14
Carbon Disulfide
Concen: 1.464 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.010 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 76 Resp: 41764
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



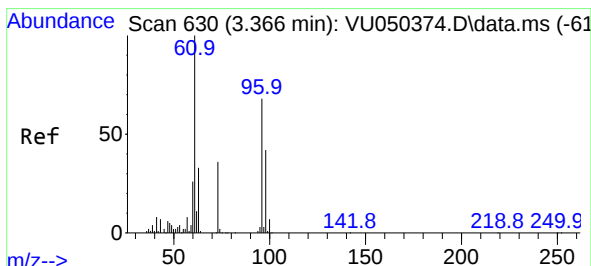
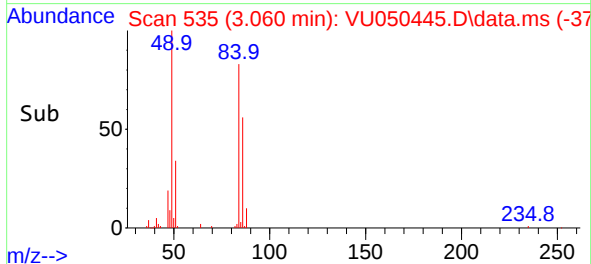
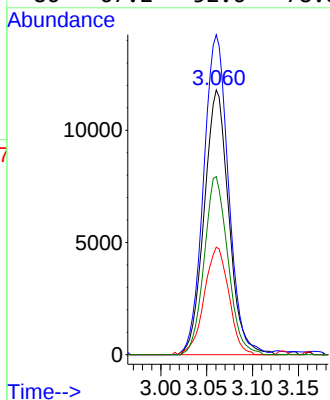
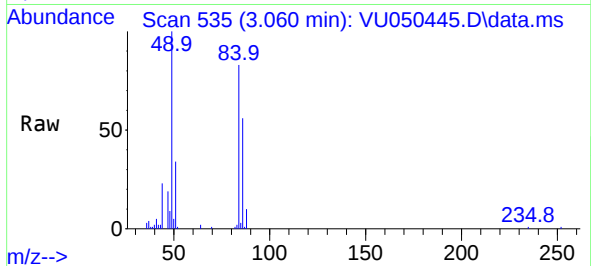


#15
Methylene Chloride
Concen: 1.769 ug/l
RT: 3.060 min Scan# 511
Delta R.T. 0.016 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 84 Resp: 22046

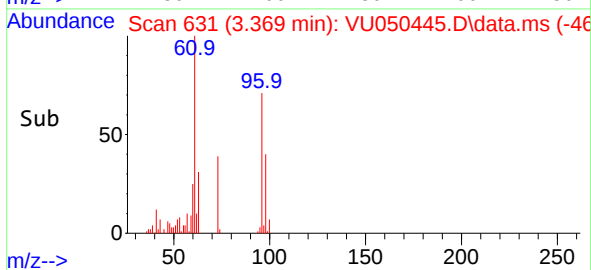
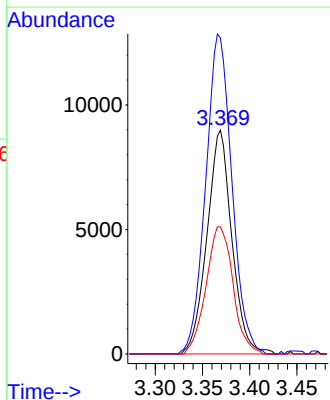
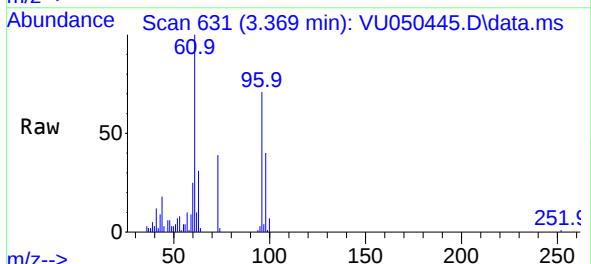
Ion	Ratio	Lower	Upper
84	100		
49	120.9	104.6	157.0
51	40.6	0.0	81.4
86	67.2	52.6	78.8

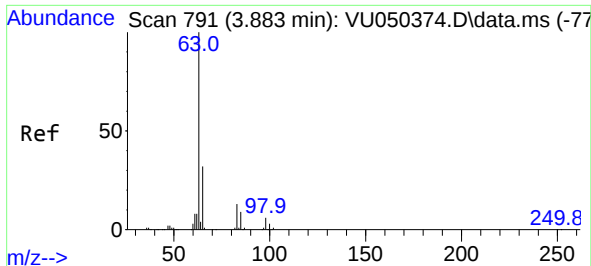


#16
trans-1,2-Dichloroethene
Concen: 1.733 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.019 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 96 Resp: 16497

Ion	Ratio	Lower	Upper
96	100		
61	141.0	123.4	185.0
98	56.7	51.6	77.4

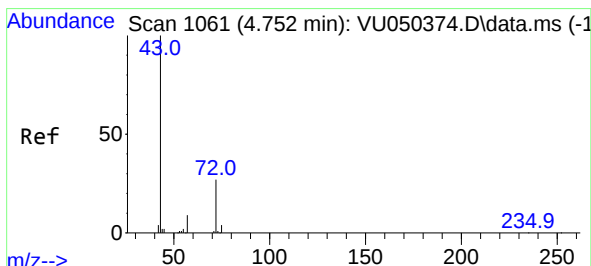
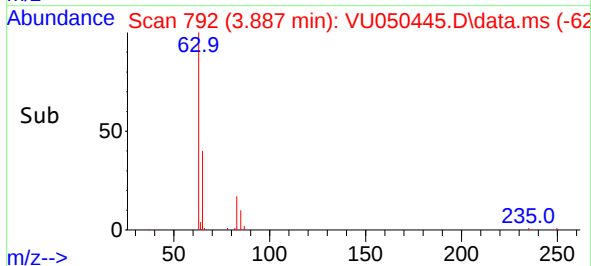
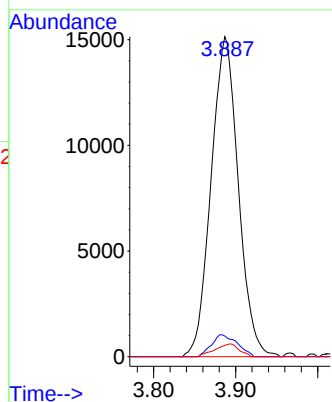
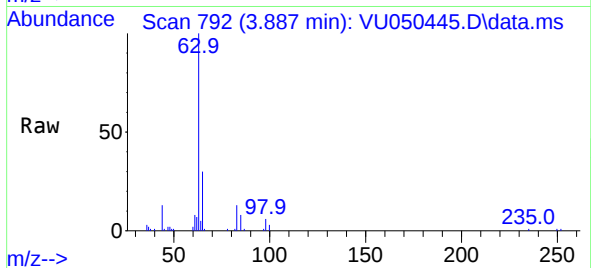




#17
 1,1-Dichloroethane
 Concen: 1.762 ug/l
 RT: 3.887 min Scan# 791
 Delta R.T. 0.023 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

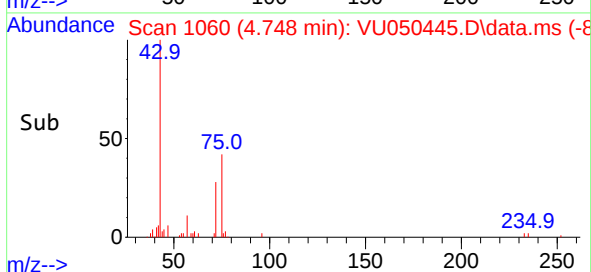
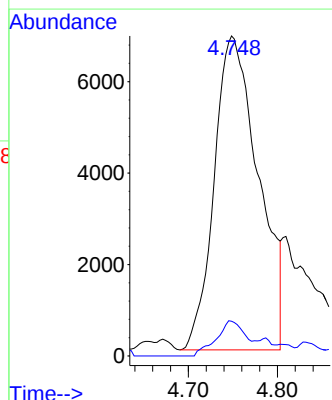
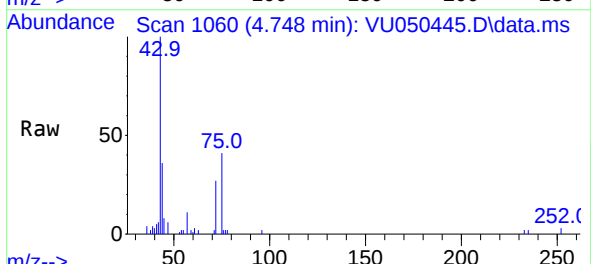
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

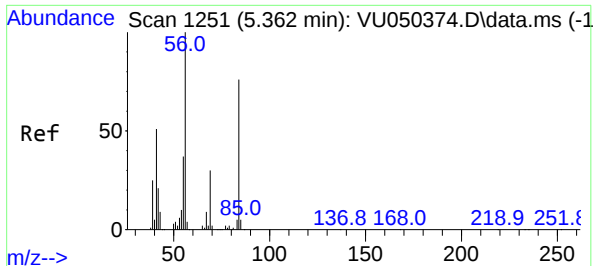
Tgt Ion: 63 Resp: 34930
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 3.5 2.0 6.0



#18
 2-Butanone
 Concen: 7.812 ug/l
 RT: 4.748 min Scan# 1060
 Delta R.T. 0.029 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

Tgt Ion: 43 Resp: 23740
 Ion Ratio Lower Upper
 43 100
 57 11.1 0.0 18.0

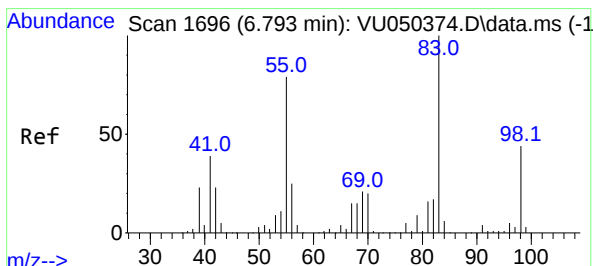
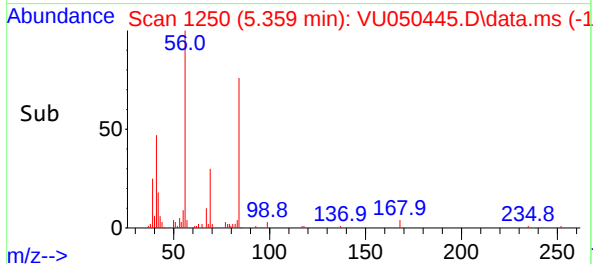
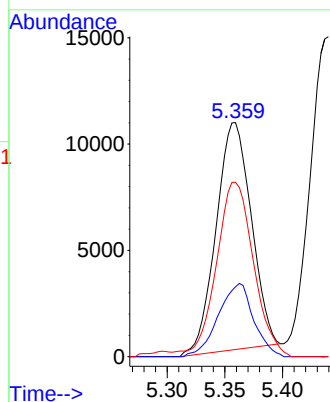
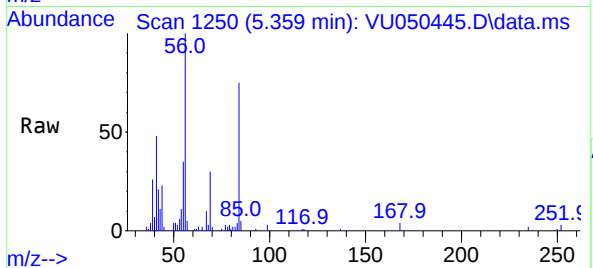




#19
Cyclohexane
Concen: 1.578 ug/l
RT: 5.359 min Scan# 11
Delta R.T. -0.026 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

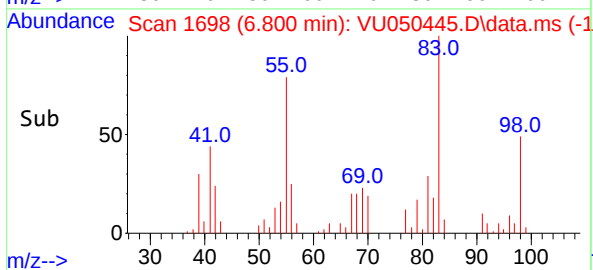
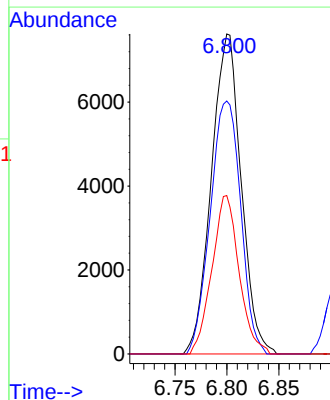
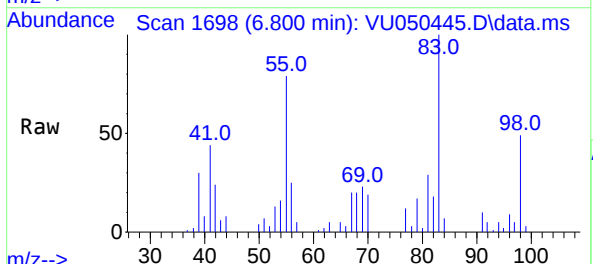
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

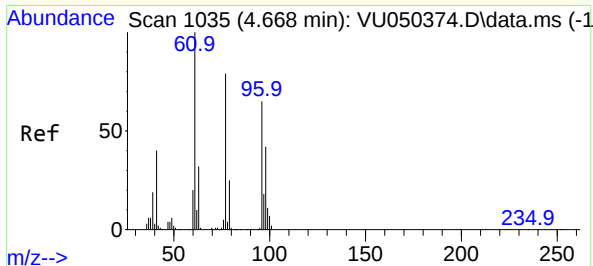
Tgt Ion:	56	Resp:	22711
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.2	36.4
84	77.1	63.4	95.2



#20
Methylcyclohexane
Concen: 1.338 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. 0.039 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	83	Resp:	15171
Ion	Ratio	Lower	Upper
83	100		
55	80.9	63.0	94.4
98	45.3	35.7	53.5

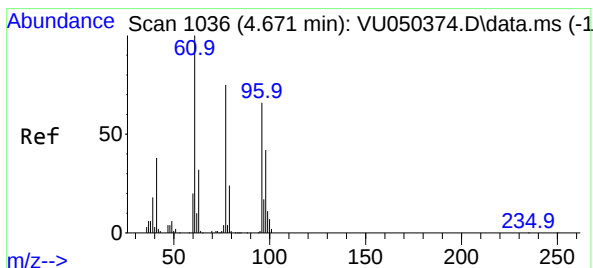
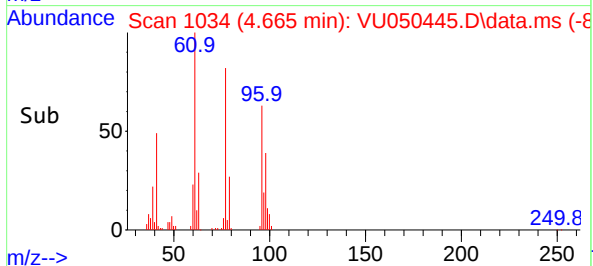
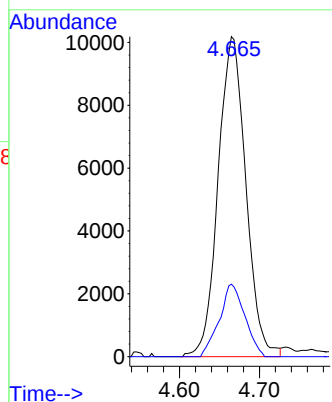
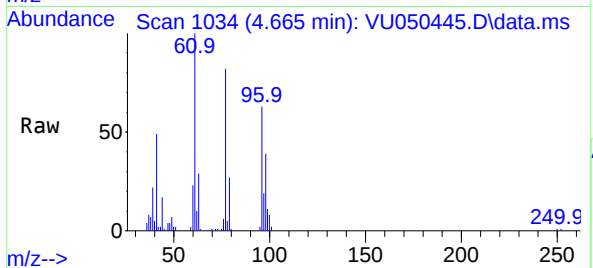




#21
2,2-Dichloropropane
Concen: 1.626 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

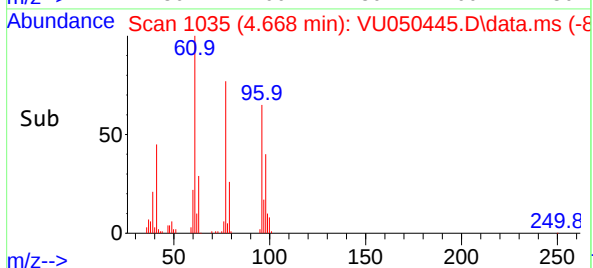
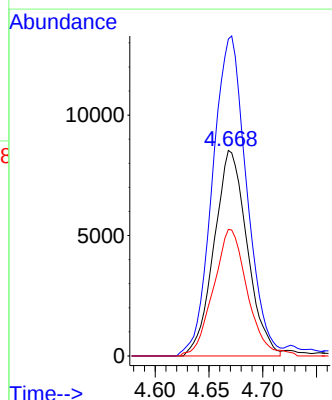
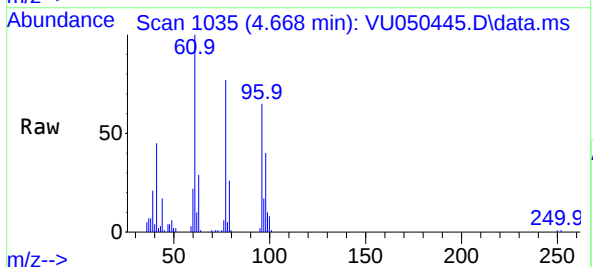
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

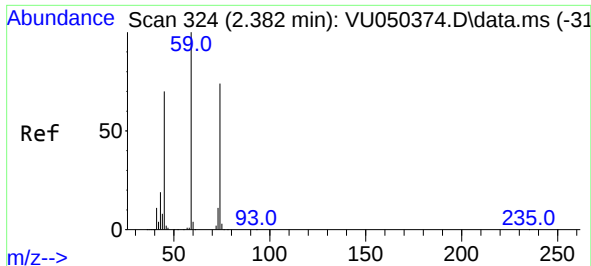
Tgt Ion: 77 Resp: 24509
Ion Ratio Lower Upper
77 100
97 20.8 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 1.695 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 96 Resp: 18255
Ion Ratio Lower Upper
96 100
61 160.4 0.0 375.8
98 63.1 31.6 95.0

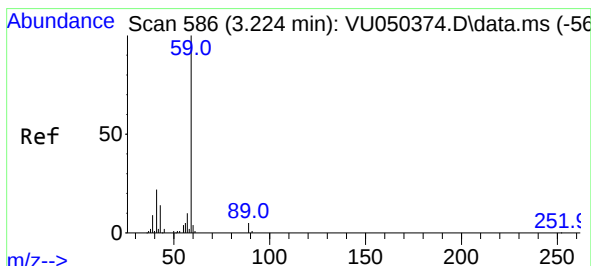
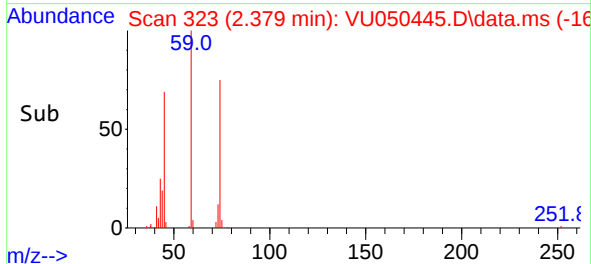
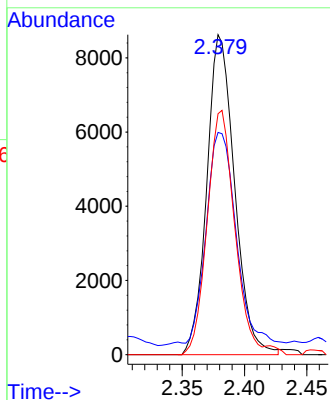
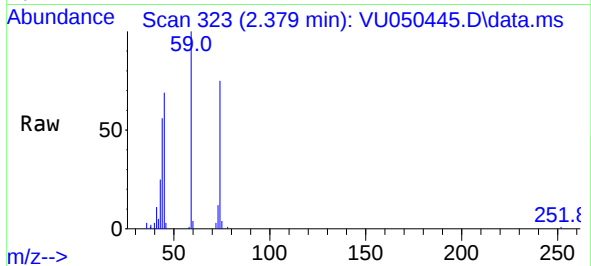




#23
Diethyl Ether
Concen: 1.692 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

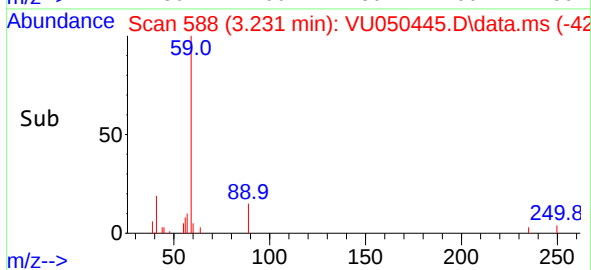
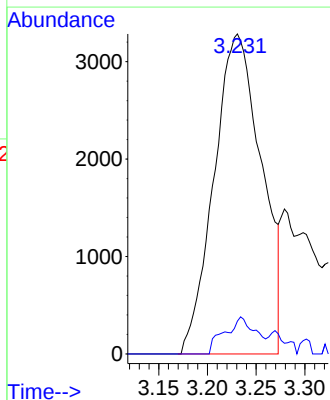
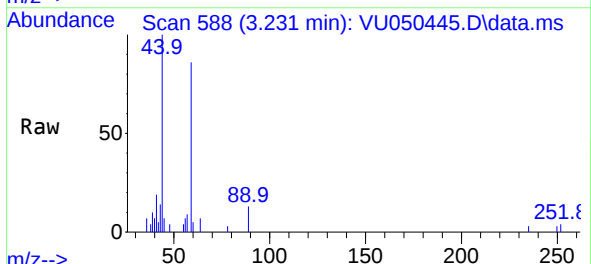
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

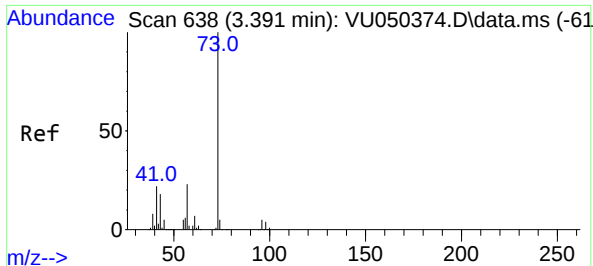
Tgt Ion: 59 Resp: 13389
Ion Ratio Lower Upper
59 100
45 73.8 56.0 84.0
74 76.3 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 11.123 ug/l
RT: 3.231 min Scan# 588
Delta R.T. 0.036 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 59 Resp: 11139
Ion Ratio Lower Upper
59 100
57 7.5 8.2 12.2#





#25

Methyl tert-Butyl Ether

Concen: 1.717 ug/l

RT: 3.392 min Scan# 61

Delta R.T. 0.023 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

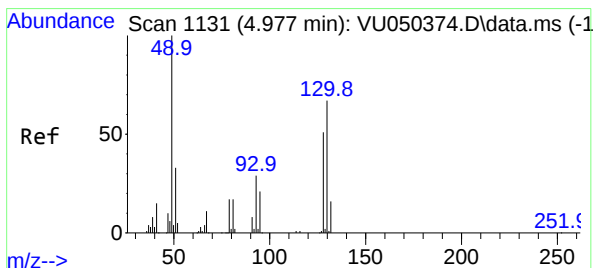
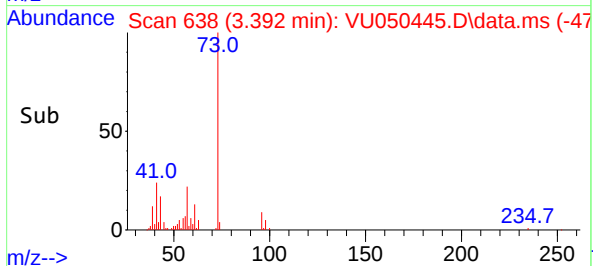
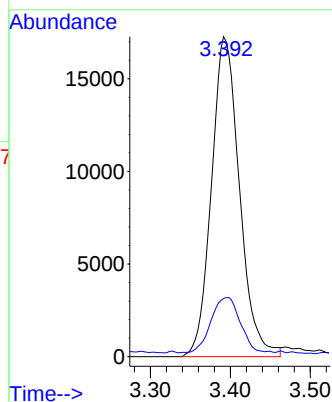
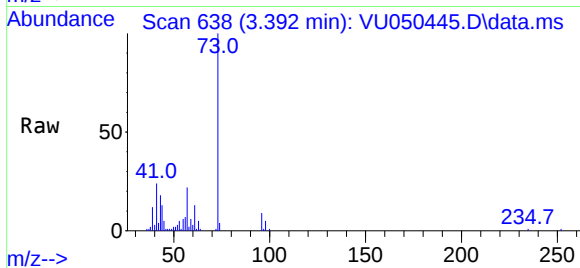
MDL-WATER-03-QT3-2022

Tgt Ion: 73 Resp: 42000

Ion Ratio Lower Upper

73 100

43 17.6 15.9 23.9



#26

Bromochloromethane

Concen: 1.696 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

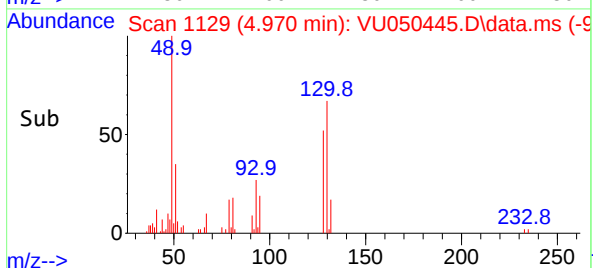
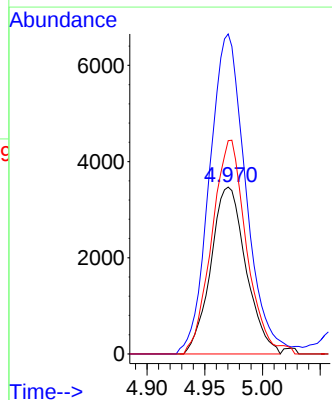
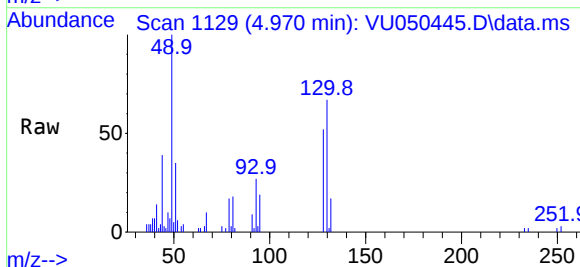
Tgt Ion: 128 Resp: 7328

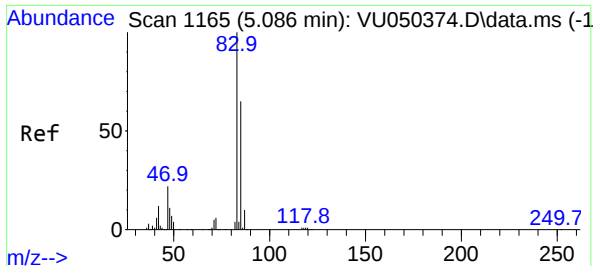
Ion Ratio Lower Upper

128 100

49 199.3 0.0 349.2

130 126.5 103.0 154.6





#27

Chloroform

Concen: 1.730 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

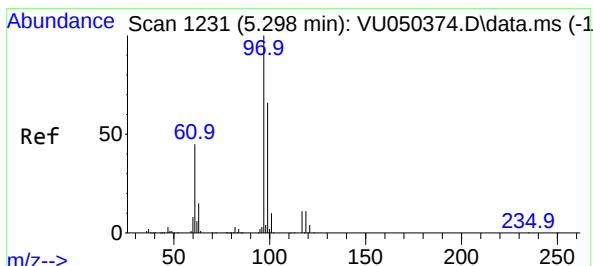
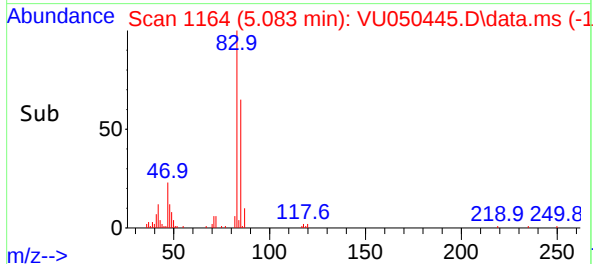
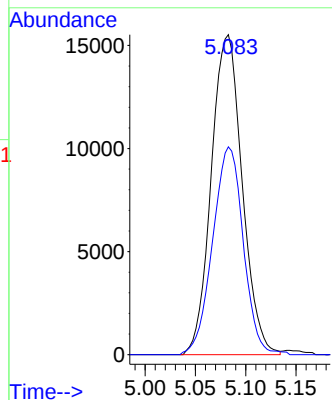
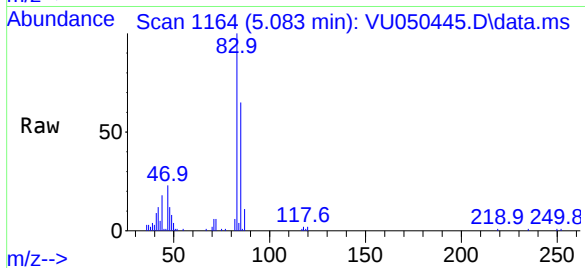
MDL-WATER-03-QT3-2022

Tgt Ion: 83 Resp: 33239

Ion Ratio Lower Upper

83 100

85 65.0 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 1.692 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.016 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

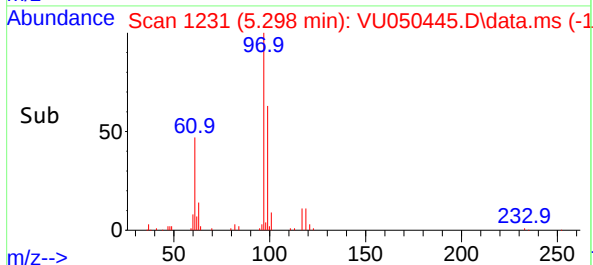
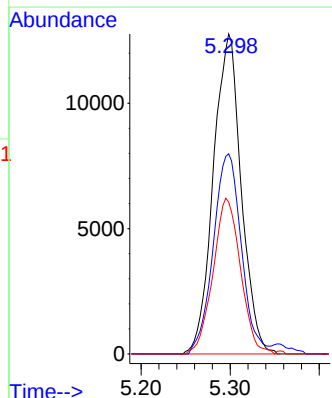
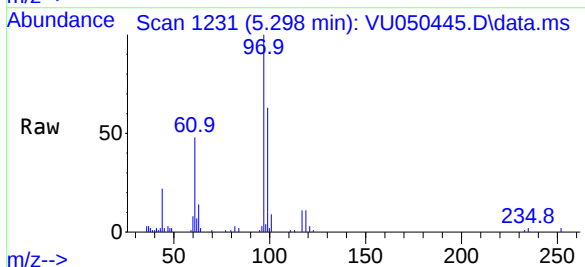
Tgt Ion: 97 Resp: 27739

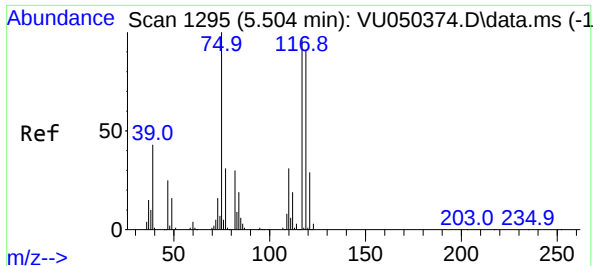
Ion Ratio Lower Upper

97 100

99 63.1 32.1 96.5

61 47.9 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.631 ug/l

RT: 5.501 min Scan# 1

Delta R.T. -0.022 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

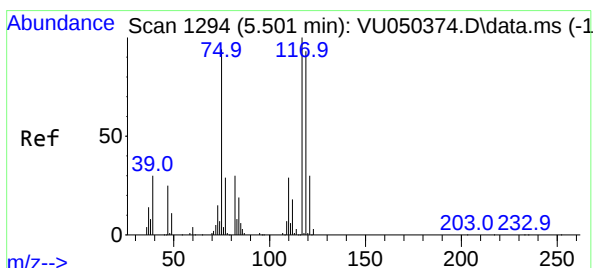
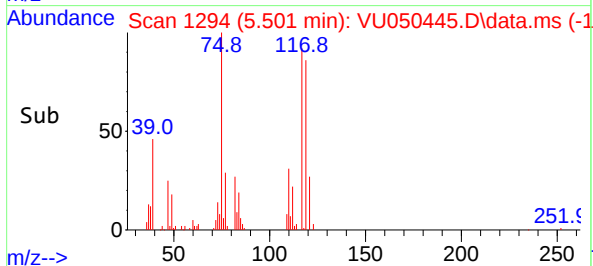
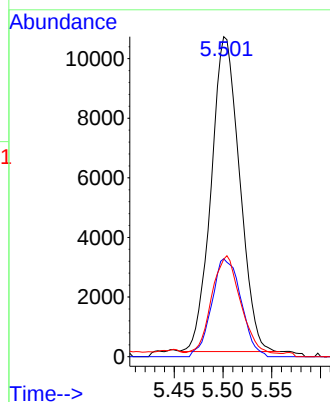
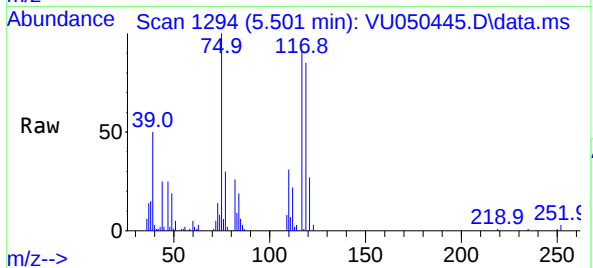
Tgt Ion: 75 Resp: 21423

Ion Ratio Lower Upper

75 100

110 32.1 17.3 52.0

77 31.3 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.609 ug/l

RT: 5.498 min Scan# 1293

Delta R.T. -0.022 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

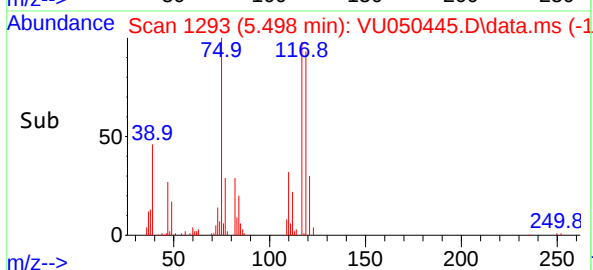
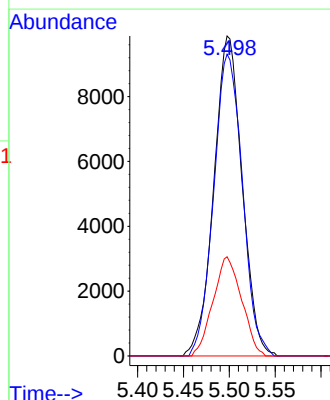
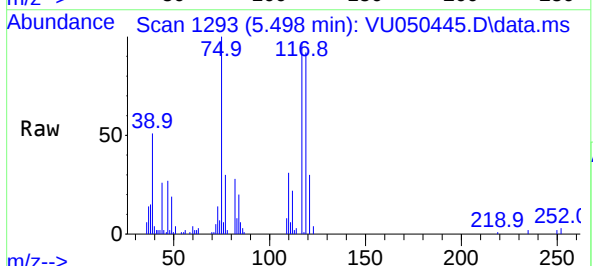
Tgt Ion: 117 Resp: 21117

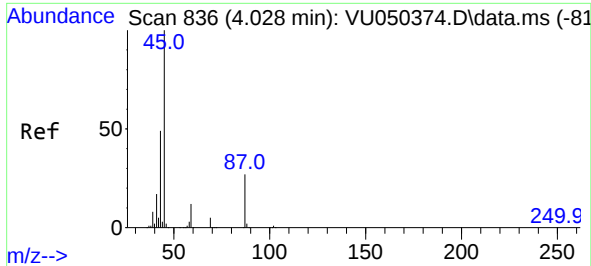
Ion Ratio Lower Upper

117 100

119 94.3 74.6 112.0

121 31.0 24.2 36.4

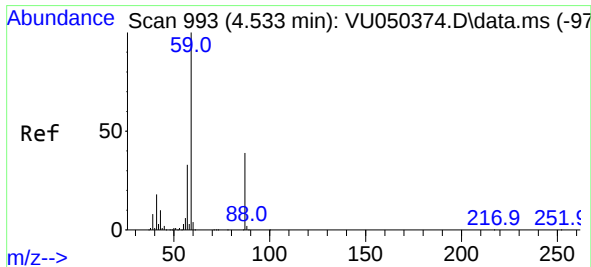
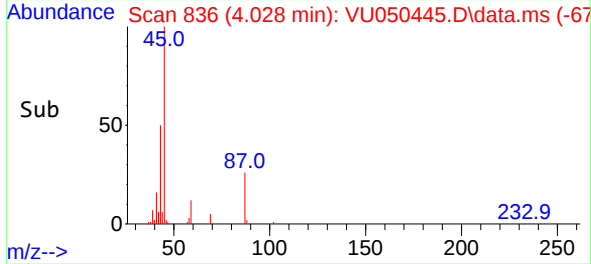
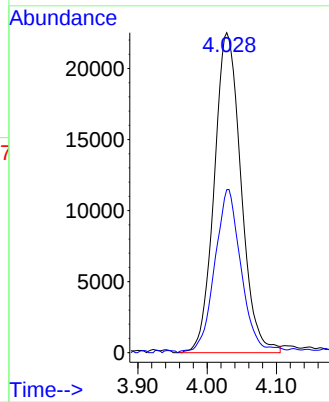
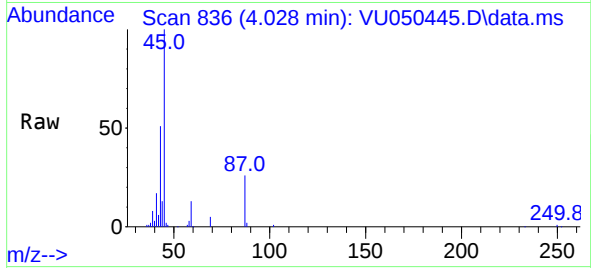




#31
Isopropyl Ether
Concen: 1.966 ug/l
RT: 4.028 min Scan# 81
Delta R.T. 0.026 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

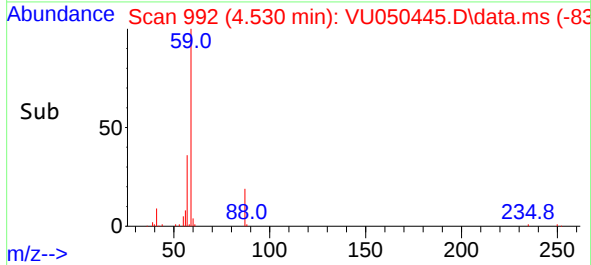
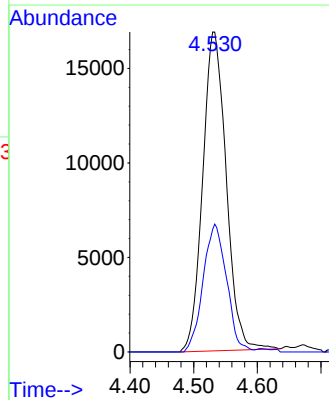
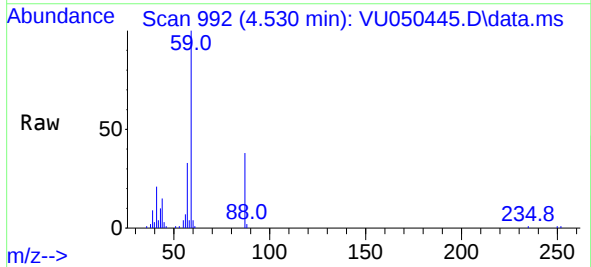
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

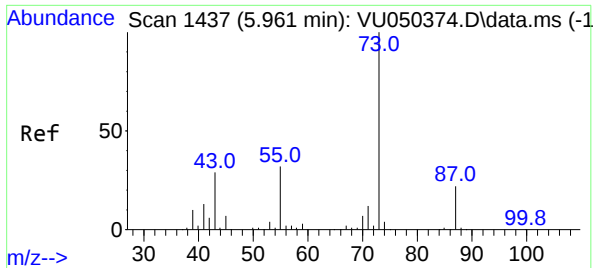
Tgt Ion: 45 Resp: 60496
Ion Ratio Lower Upper
45 100
43 50.6 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 1.792 ug/l
RT: 4.530 min Scan# 992
Delta R.T. 0.016 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 59 Resp: 43313
Ion Ratio Lower Upper
59 100
87 39.2 32.5 48.7

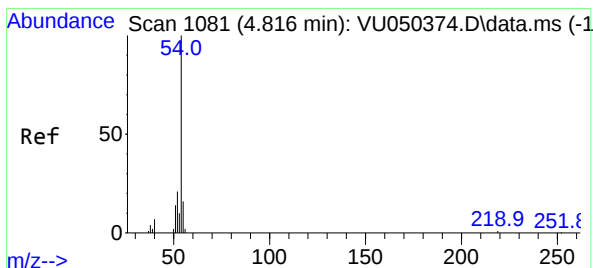
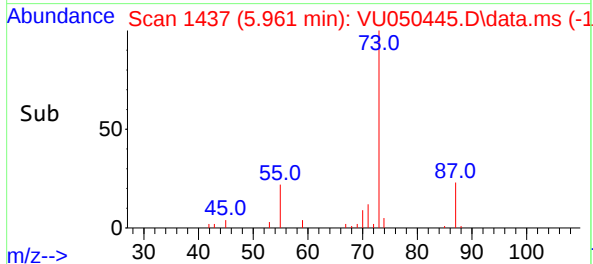
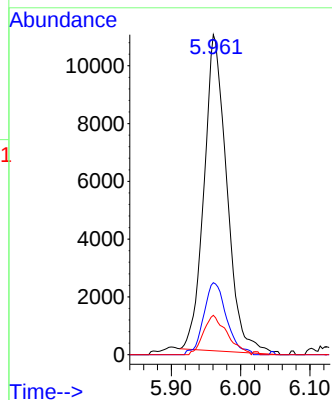
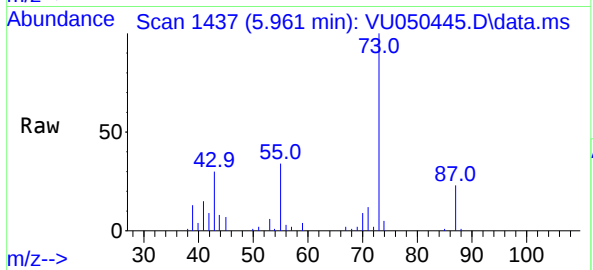




#33
Tert-Amyl methyl ether
Concen: 1.589 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. 0.013 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

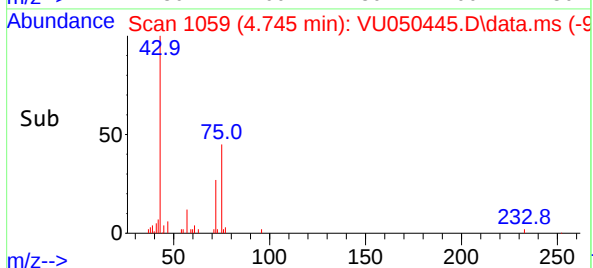
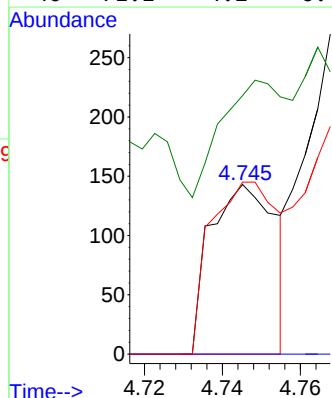
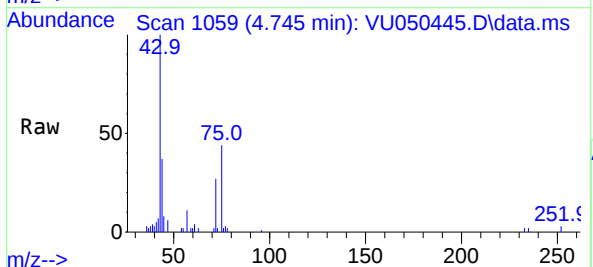
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

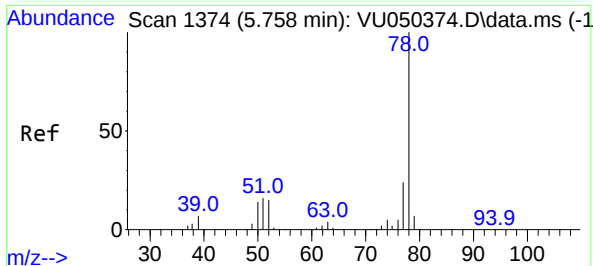
Tgt Ion:	73	Resp:	25037
Ion	Ratio	Lower	Upper
73	100		
87	22.9	19.7	29.5
71	13.0	9.0	13.4



#34
Propionitrile
Concen: 0.185 ug/l
RT: 4.745 min Scan# 1059
Delta R.T. -0.042 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	54	Resp:	166
Ion	Ratio	Lower	Upper
54	100		
52	158.4	15.0	22.6#
55	195.2	12.6	19.0#
40	71.1	4.2	6.4#

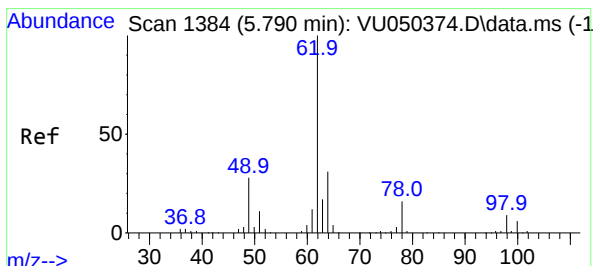
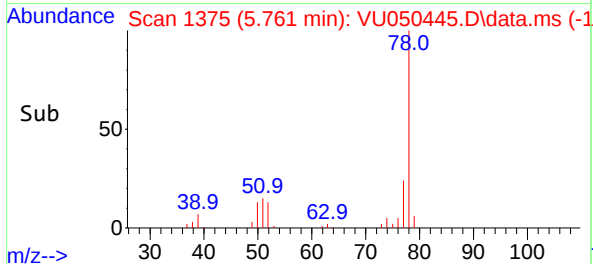
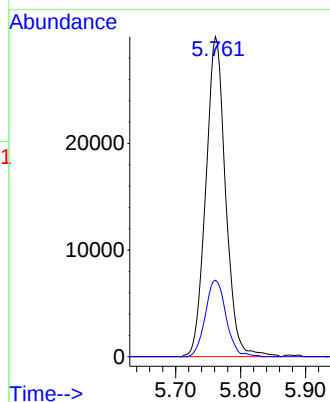
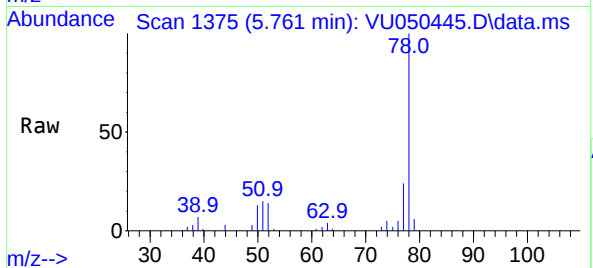




#35
Benzene
Concen: 1.646 ug/l
RT: 5.761 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

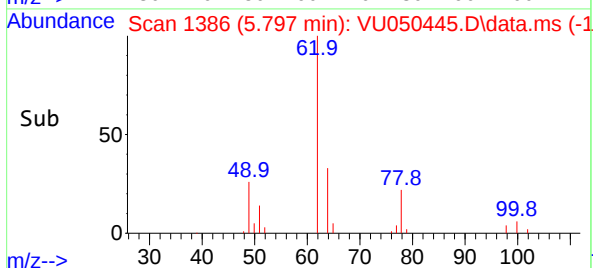
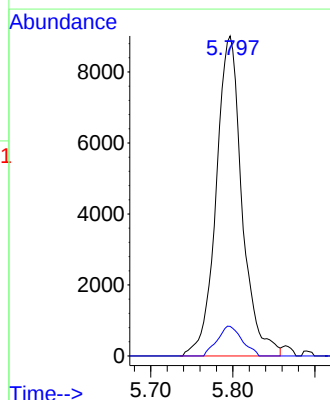
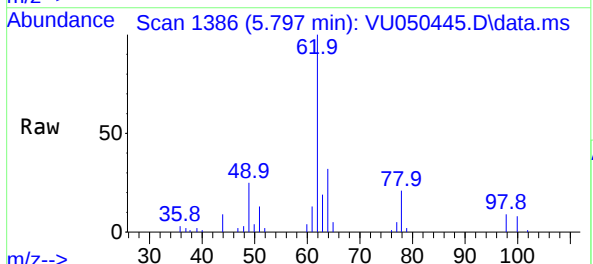
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

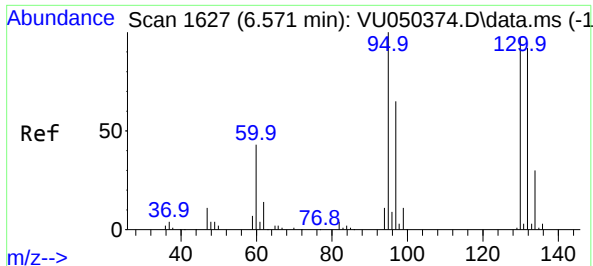
Tgt Ion: 78 Resp: 63559
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0



#36
1,2-Dichloroethane
Concen: 1.675 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 62 Resp: 19744
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0

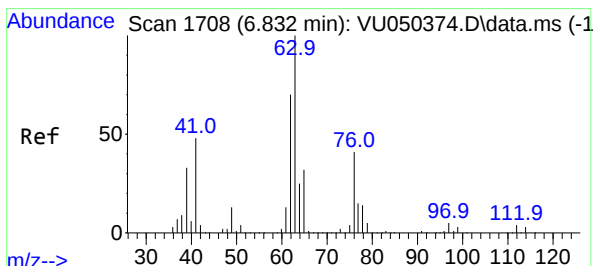
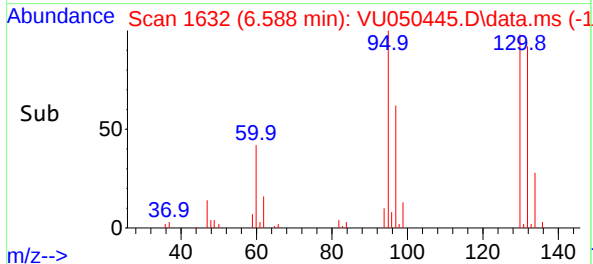
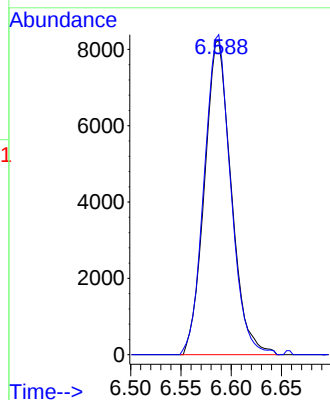
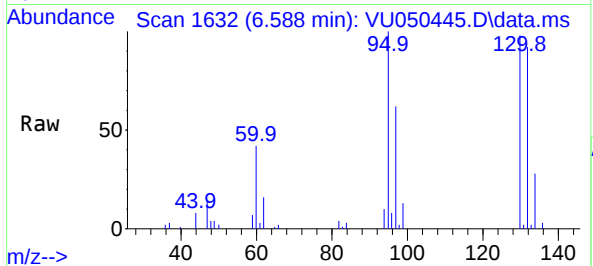




#37
Trichloroethene
Concen: 1.648 ug/l
RT: 6.588 min Scan# 1
Delta R.T. 0.045 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

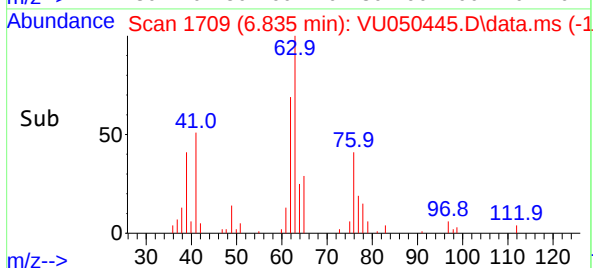
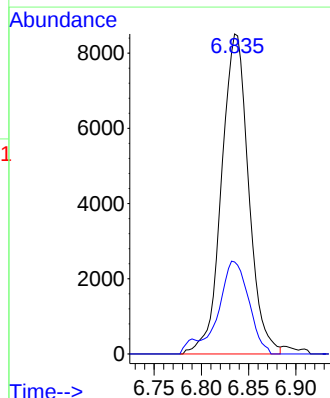
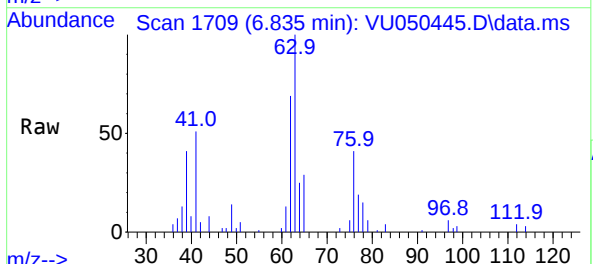
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

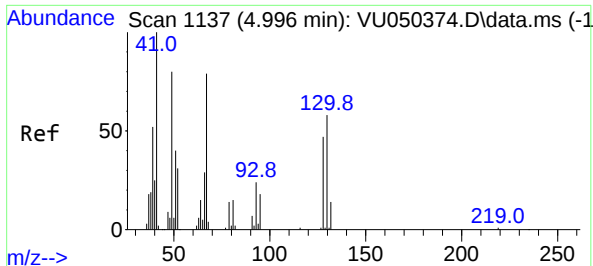
Tgt Ion:130 Resp: 15252
Ion Ratio Lower Upper
130 100
95 101.7 83.8 125.8



#38
1,2-Dichloropropane
Concen: 1.635 ug/l
RT: 6.835 min Scan# 1709
Delta R.T. 0.042 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 63 Resp: 16941
Ion Ratio Lower Upper
63 100
65 28.8 25.0 37.4





#39

Methacrylonitrile

Concen: 1.819 ug/l

RT: 4.990 min Scan# 1137

Delta R.T. 0.007 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 41 Resp: 6699

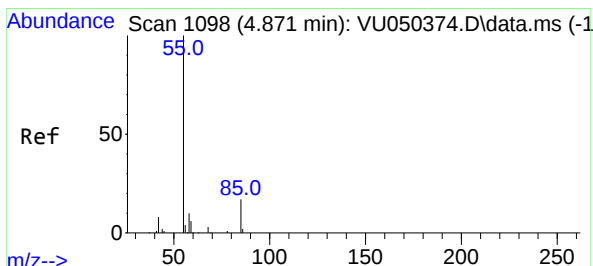
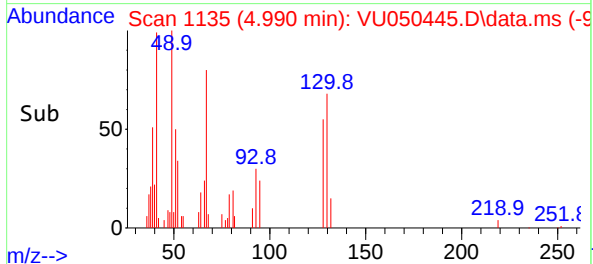
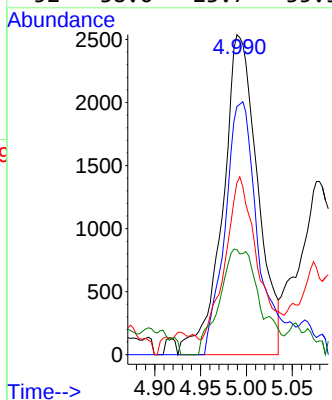
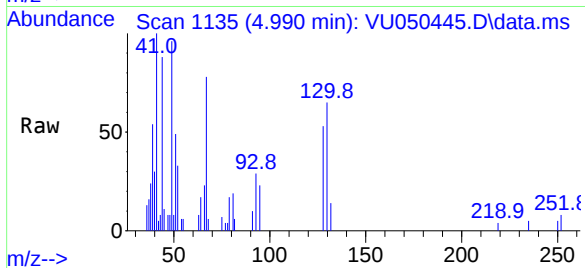
Ion Ratio Lower Upper

41 100

67 76.3 59.4 89.0

39 45.9 42.2 63.2

52 38.6 23.7 35.5#



#40

Methyl acrylate

Concen: 0.101 ug/l

RT: 4.822 min Scan# 1083

Delta R.T. -0.032 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Tgt Ion: 55 Resp: 564

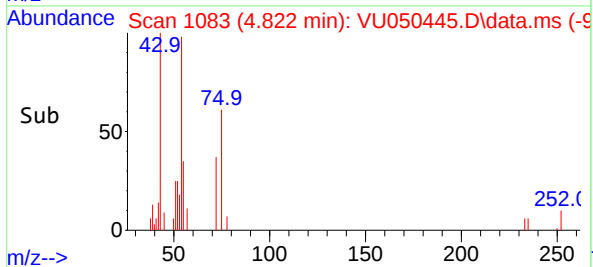
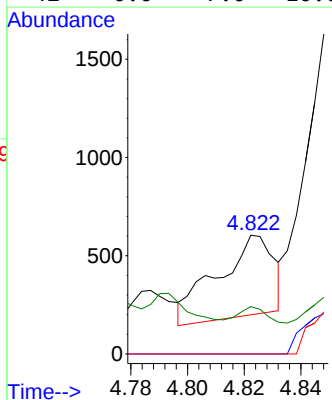
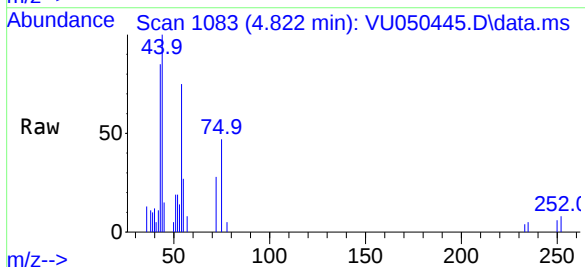
Ion Ratio Lower Upper

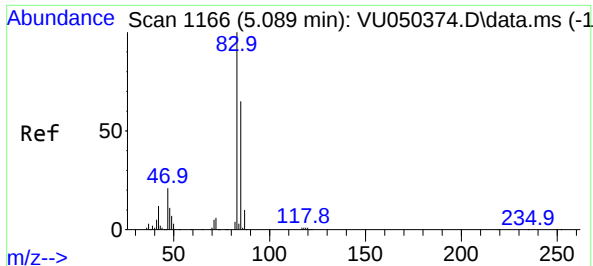
55 100

85 0.0 13.5 20.3#

58 44.7 7.0 10.4#

42 0.0 7.0 10.6#





#41

Tetrahydrofuran

Concen: 2.887 ug/l

RT: 5.092 min Scan# 1166

Delta R.T. 0.026 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

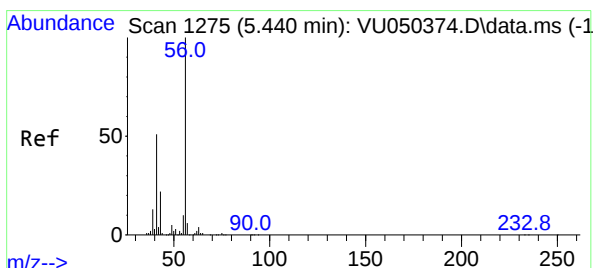
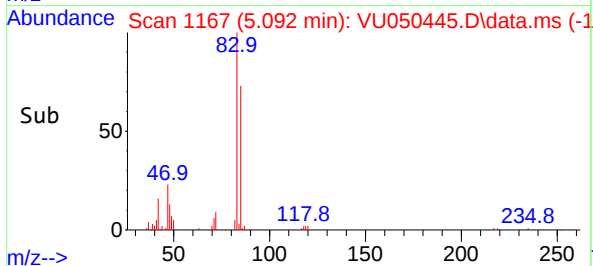
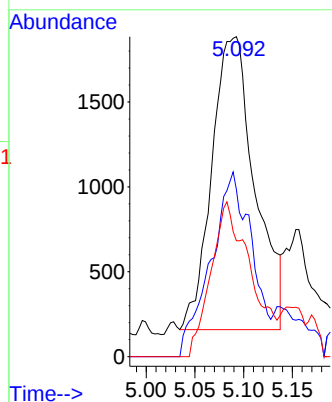
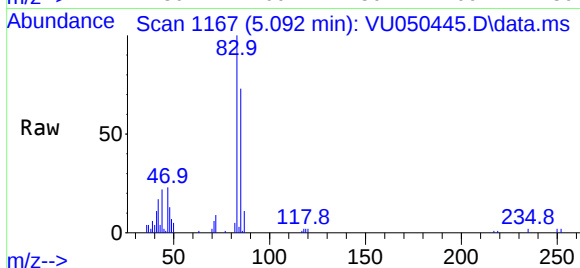
Tgt Ion: 42 Resp: 5325

Ion Ratio Lower Upper

42 100

72 59.7 38.9 58.3#

71 48.8 33.7 50.5



#42

1-Chlorobutane

Concen: 1.647 ug/l

RT: 5.440 min Scan# 1275

Delta R.T. -0.016 min

Lab File: VU050445.D

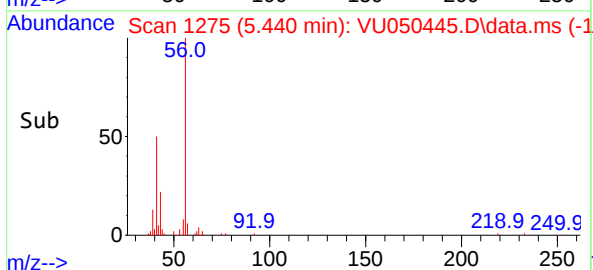
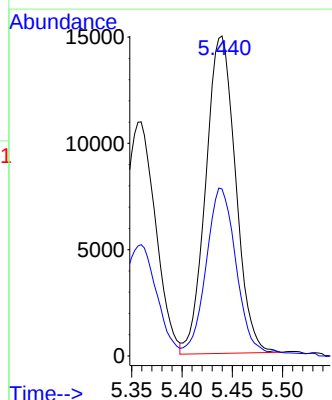
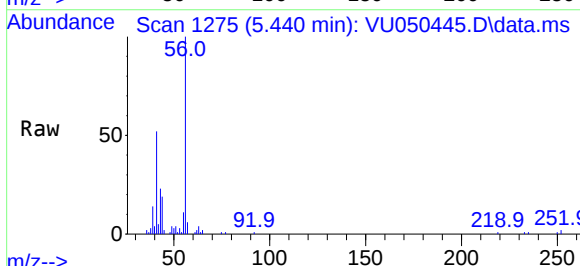
Acq: 25 Aug 2022 15:12

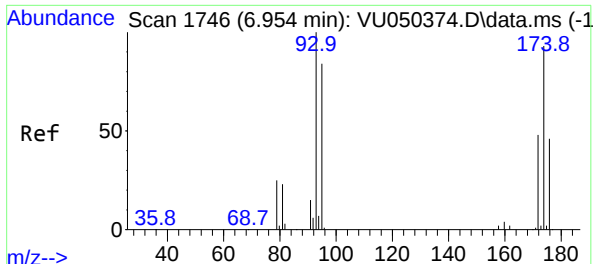
Tgt Ion: 56 Resp: 30804

Ion Ratio Lower Upper

56 100

41 50.0 26.4 79.2

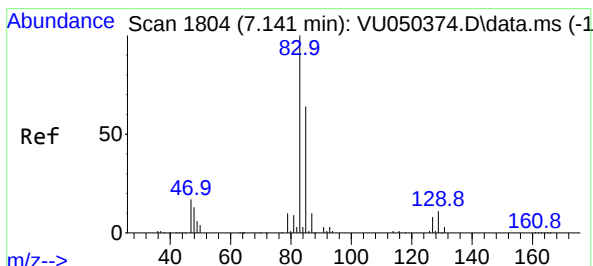
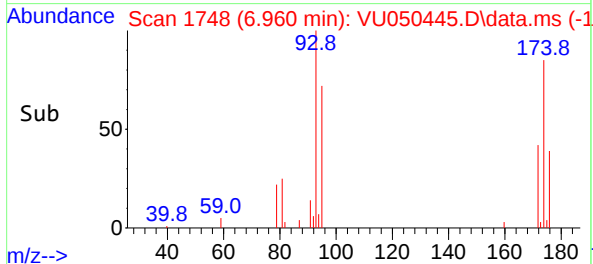
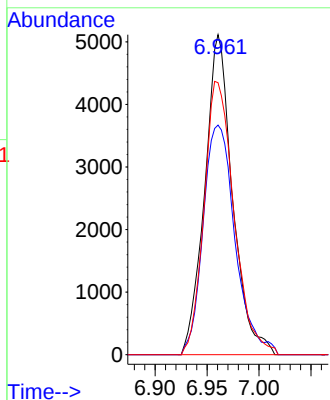
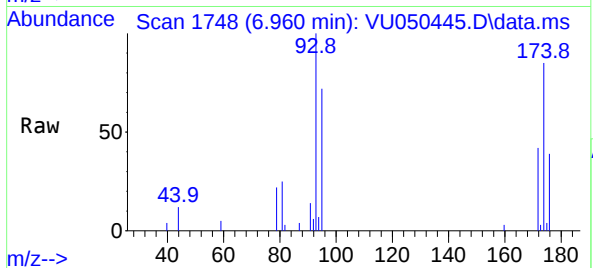




#43
Dibromomethane
Concen: 1.705 ug/l
RT: 6.960 min Scan# 11
Delta R.T. 0.042 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

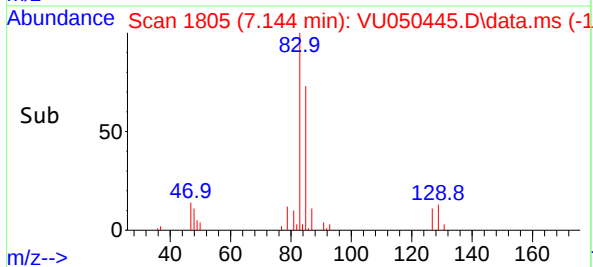
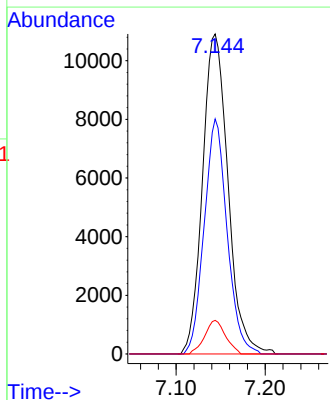
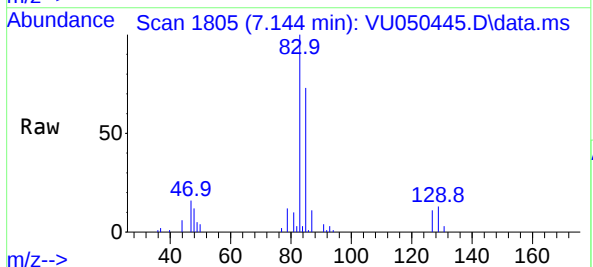
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

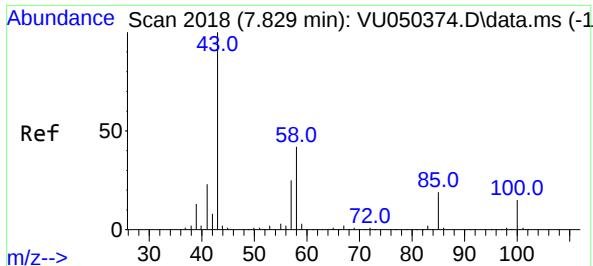
Tgt Ion: 93 Resp: 9522
Ion Ratio Lower Upper
93 100
95 82.5 65.0 97.6
174 91.9 76.3 114.5



#44
Bromodichloromethane
Concen: 1.644 ug/l
RT: 7.144 min Scan# 1805
Delta R.T. 0.035 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 83 Resp: 21674
Ion Ratio Lower Upper
83 100
85 73.5 49.4 74.0
127 10.5 6.6 10.0#

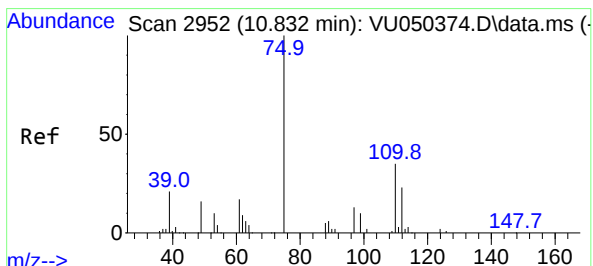
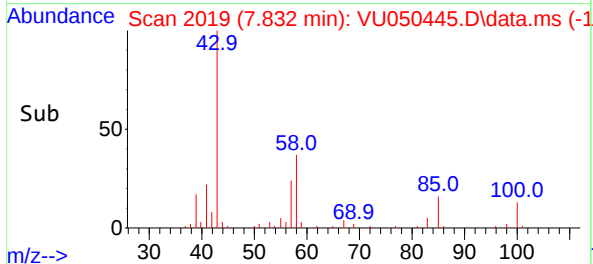
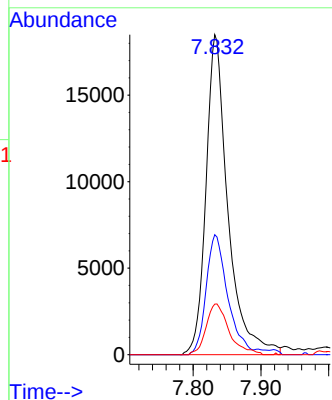
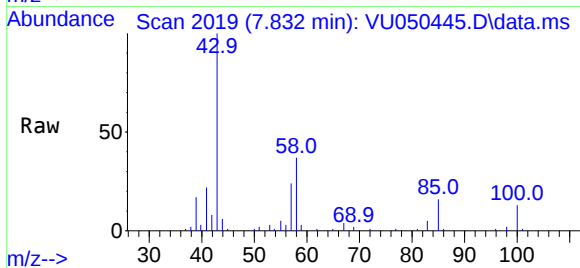




#45
4-Methyl-2-Pentanone
Concen: 7.417 ug/l
RT: 7.832 min Scan# 2018
Delta R.T. 0.035 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

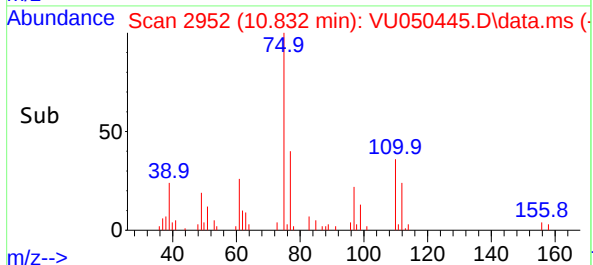
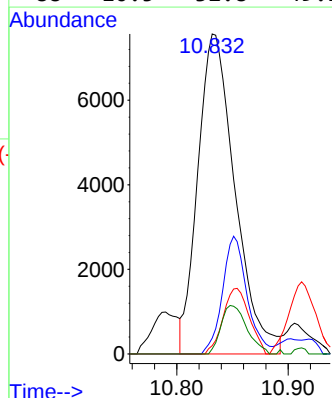
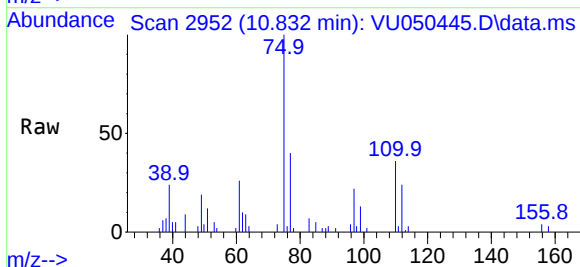
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

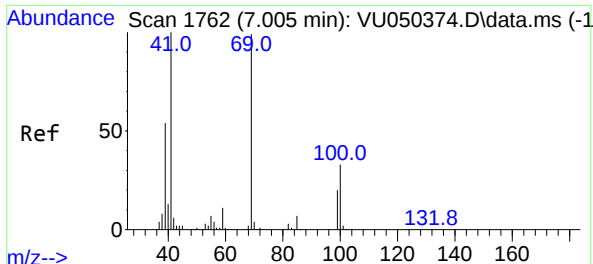
Tgt Ion:	43	Resp:	41590
Ion	Ratio	Lower	Upper
43	100		
58	36.8	20.3	61.0
85	16.6	14.6	21.8



#46
t-1,4-Dichloro-2-butene
Concen: 5.618 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	75	Resp:	17519
Ion	Ratio	Lower	Upper
75	100		
53	24.5	64.4	96.6#
89	14.5	44.2	66.2#
88	10.5	32.8	49.2#





#47

Methyl methacrylate

Concen: 3.122 ug/l

RT: 7.009 min Scan# 11626

Delta R.T. 0.042 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 69 Resp: 11626

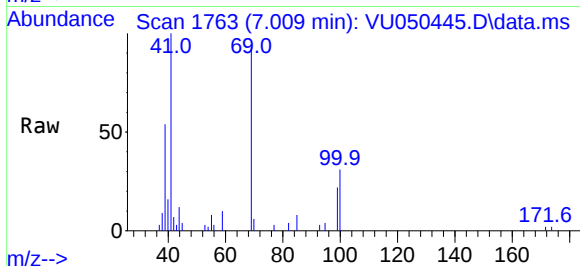
Ion Ratio Lower Upper

69 100

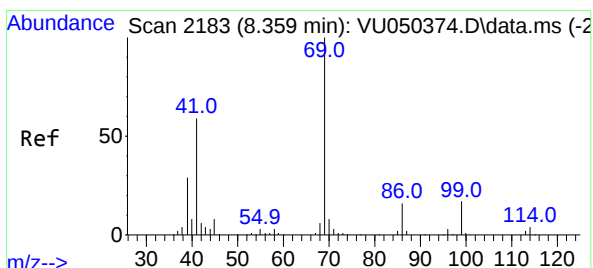
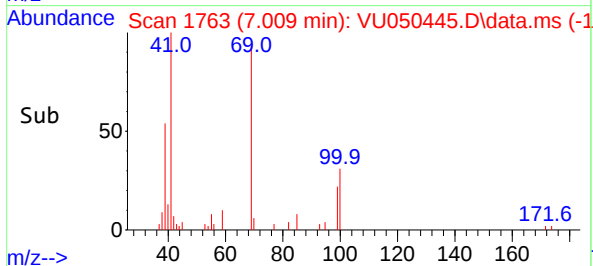
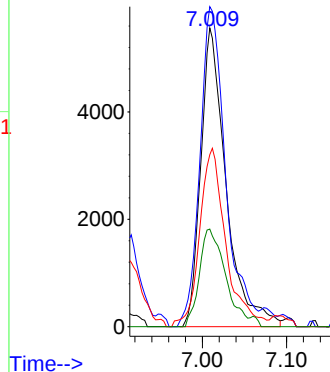
41 108.4 0.0 225.4

39 61.7 45.8 68.8

100 33.6 28.8 43.2



Abundance



#48

Ethyl methacrylate

Concen: 1.554 ug/l

RT: 8.362 min Scan# 2184

Delta R.T. 0.026 min

Lab File: VU050445.D

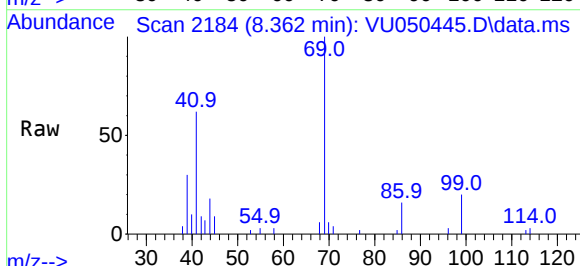
Acq: 25 Aug 2022 15:12

Tgt Ion: 69 Resp: 10039

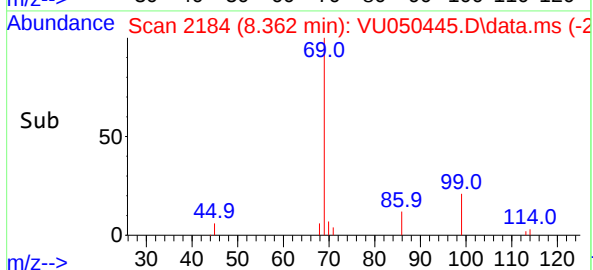
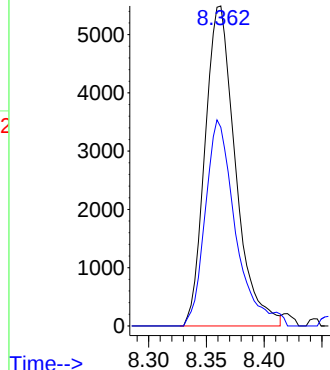
Ion Ratio Lower Upper

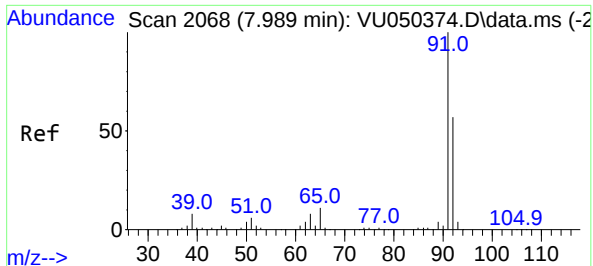
69 100

41 64.1 32.3 96.9



Abundance





#49

Toluene

Concen: 1.461 ug/l

RT: 7.996 min Scan# 2068

Delta R.T. 0.026 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

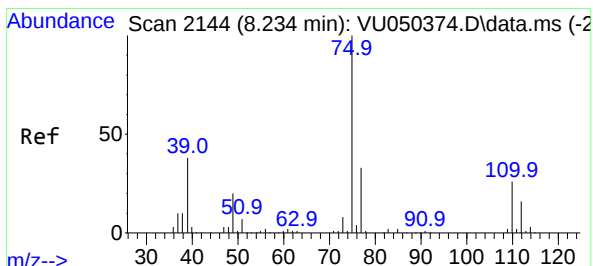
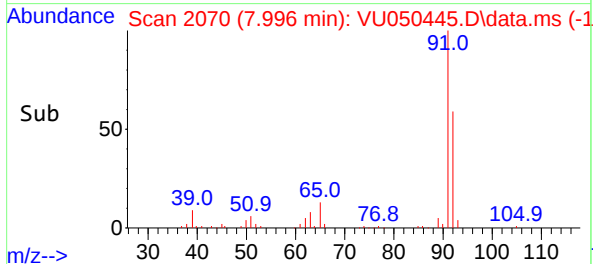
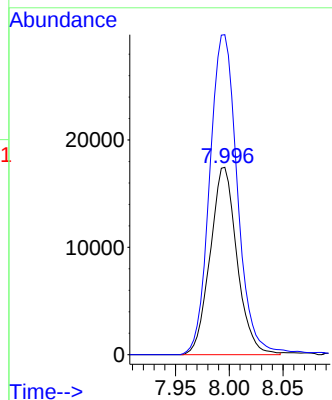
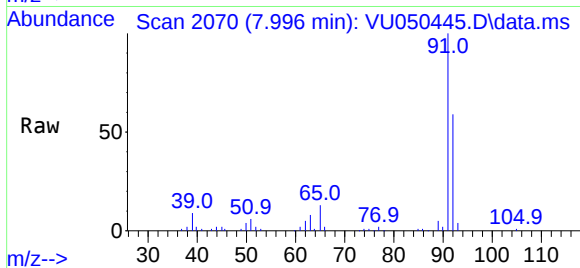
MDL-WATER-03-QT3-2022

Tgt Ion: 92 Resp: 30303

Ion Ratio Lower Upper

92 100

91 177.3 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 1.483 ug/l

RT: 8.234 min Scan# 2144

Delta R.T. 0.023 min

Lab File: VU050445.D

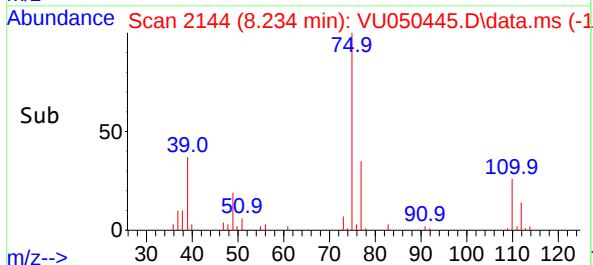
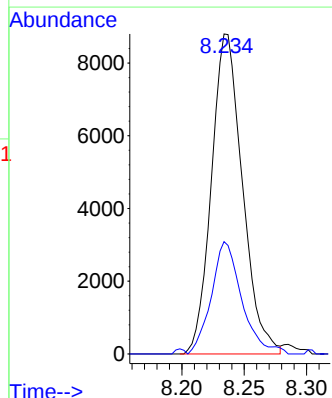
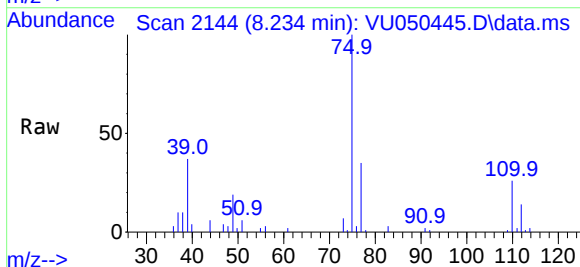
Acq: 25 Aug 2022 15:12

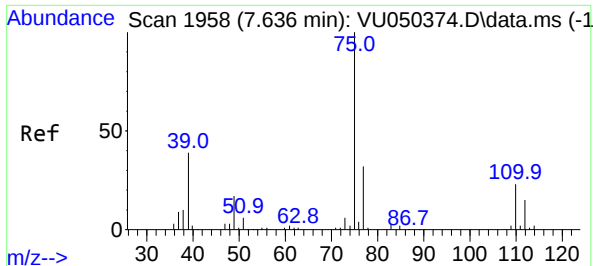
Tgt Ion: 75 Resp: 15219

Ion Ratio Lower Upper

75 100

77 33.5 24.7 37.1

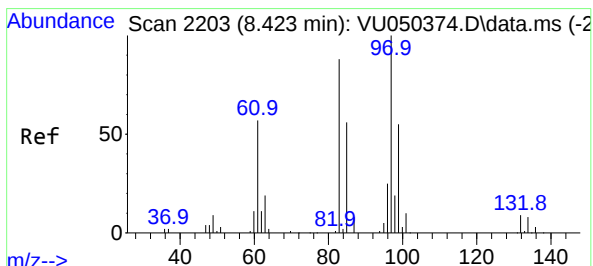
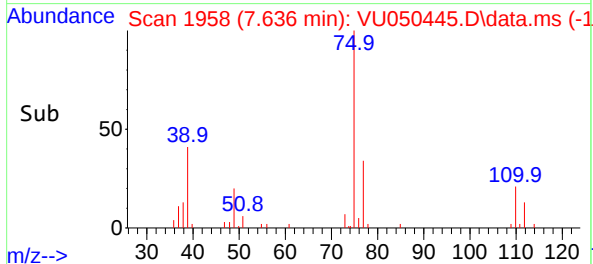
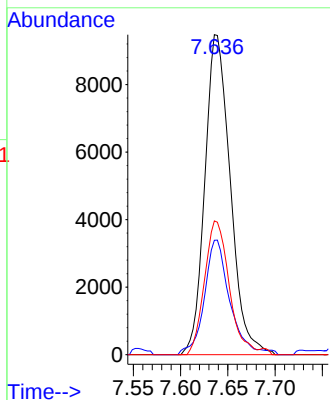
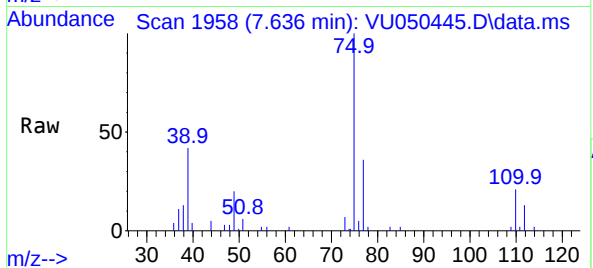




#51
 cis-1,3-Dichloropropene
 Concen: 1.513 ug/l
 RT: 7.636 min Scan# 1958
 Delta R.T. 0.026 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

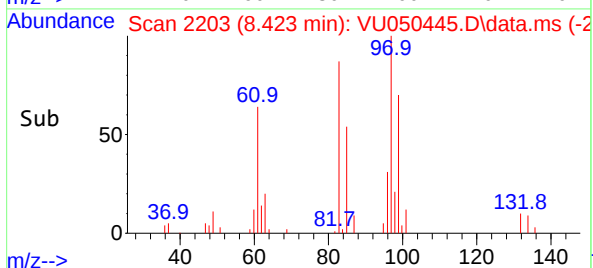
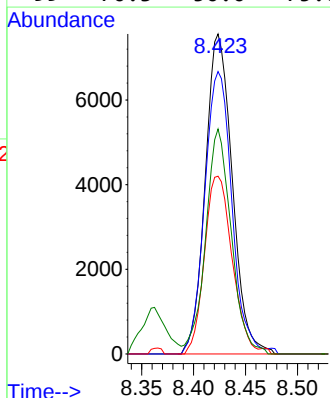
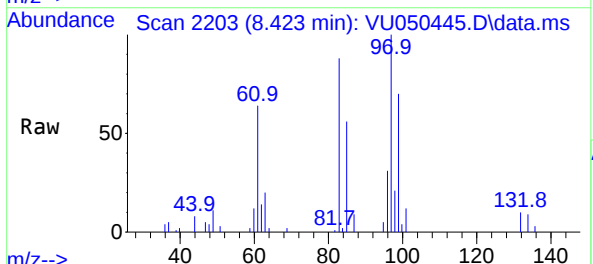
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT3-2022

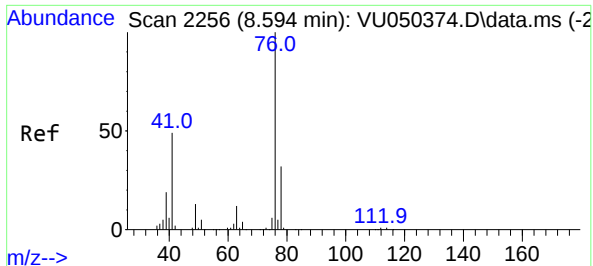
Tgt Ion:	75	Resp:	17773
Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.4	38.0
39	41.8	35.1	52.7



#52
 1,1,2-Trichloroethane
 Concen: 1.665 ug/l
 RT: 8.423 min Scan# 2203
 Delta R.T. 0.023 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

Tgt Ion:	97	Resp:	13668
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	106.0
85	55.5	46.2	69.4
99	70.3	50.0	75.0

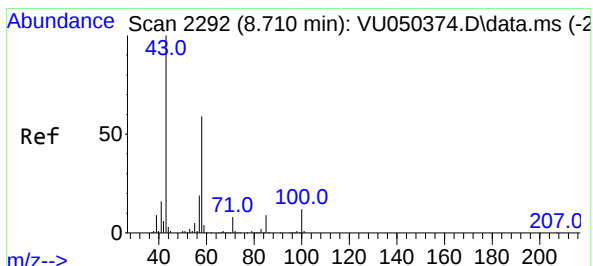
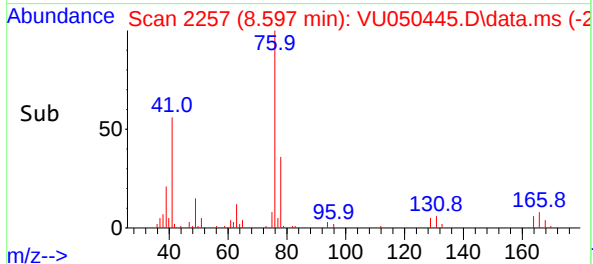
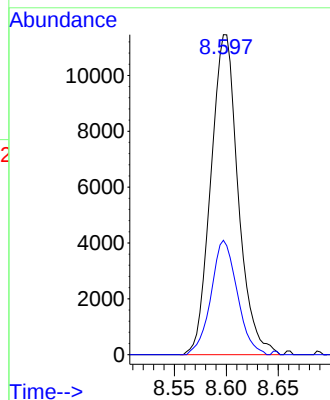
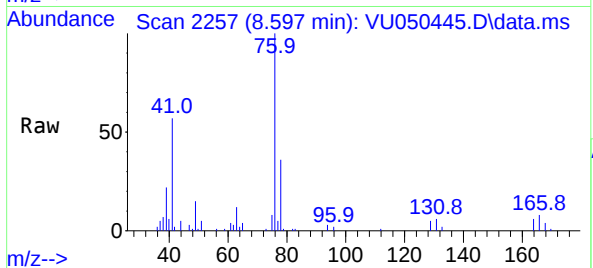




#53
1,3-Dichloropropane
Concen: 1.618 ug/l
RT: 8.597 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

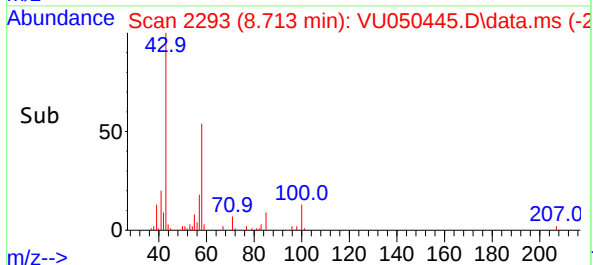
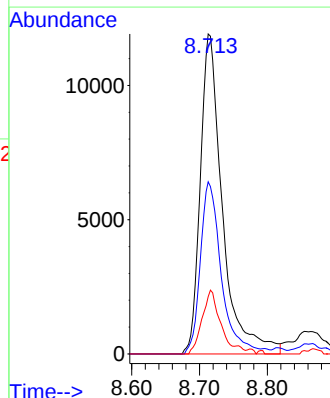
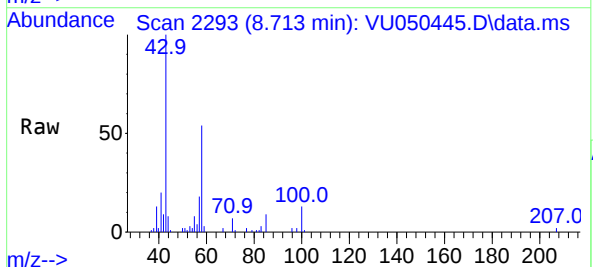
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

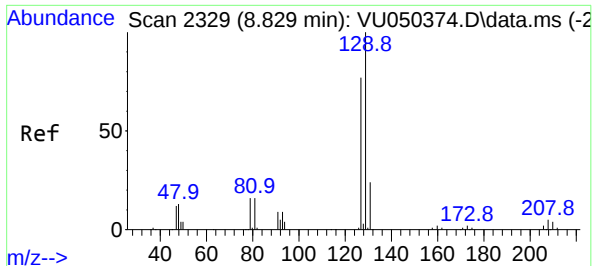
Tgt Ion: 76 Resp: 20925
Ion Ratio Lower Upper
76 100
78 34.3 26.0 39.0



#54
2-Hexanone
Concen: 6.935 ug/l
RT: 8.713 min Scan# 2293
Delta R.T. 0.023 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 43 Resp: 27081
Ion Ratio Lower Upper
43 100
58 50.7 37.1 77.1
57 16.8 0.0 39.5

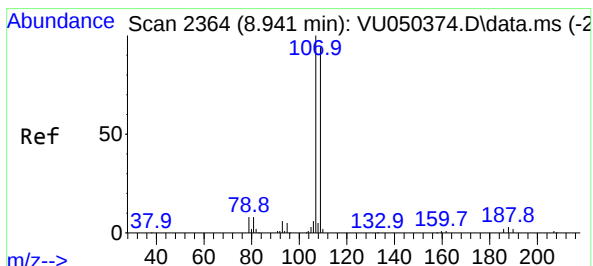
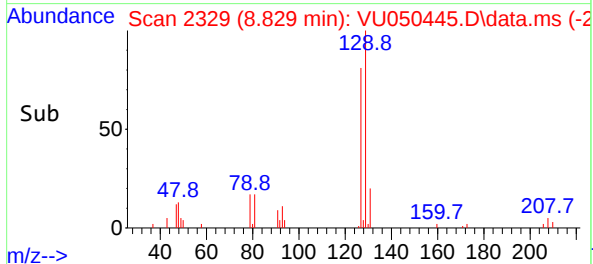
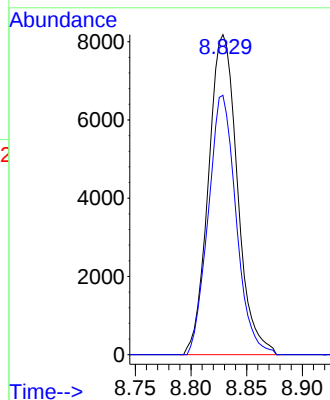
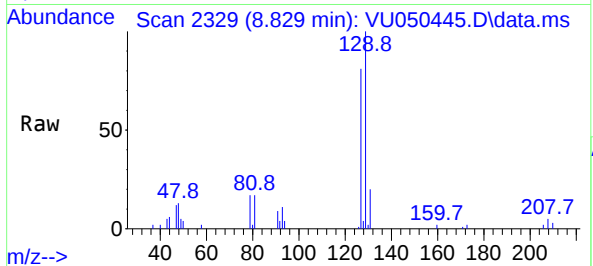




#55
Dibromochloromethane
Concen: 1.638 ug/l
RT: 8.829 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

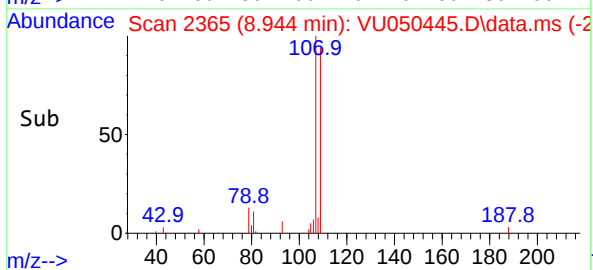
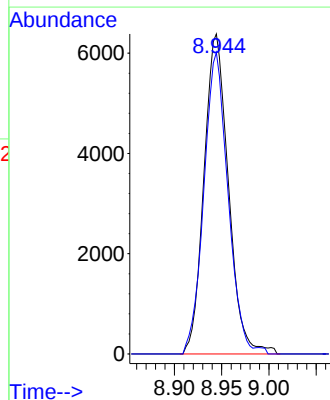
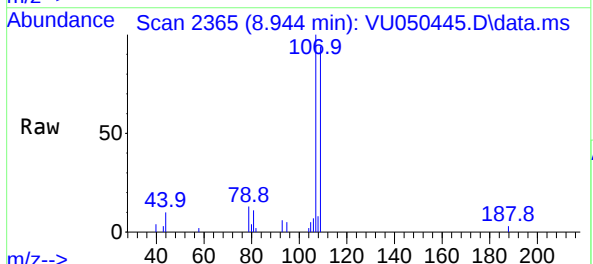
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

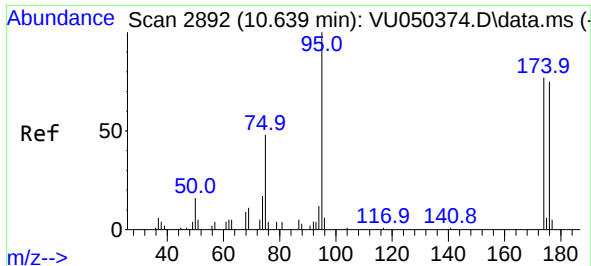
Tgt Ion:129 Resp: 14797
Ion Ratio Lower Upper
129 100
127 77.9 61.2 91.8



#56
1,2-Dibromoethane
Concen: 1.556 ug/l
RT: 8.944 min Scan# 2365
Delta R.T. 0.019 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:107 Resp: 11476
Ion Ratio Lower Upper
107 100
109 92.6 0.0 187.2

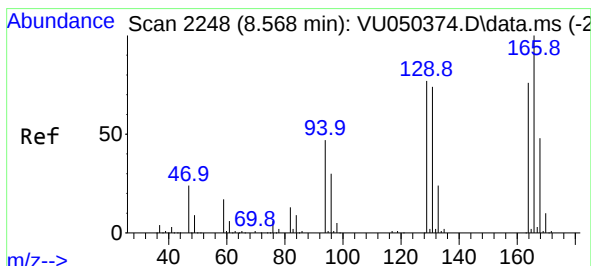
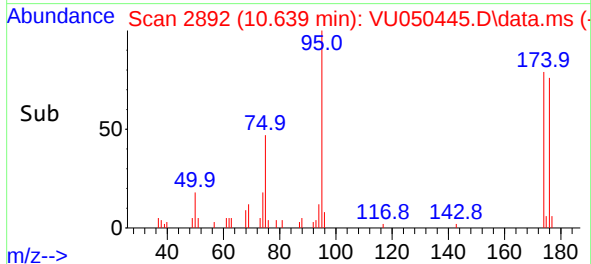
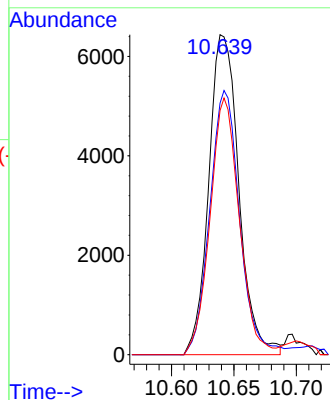
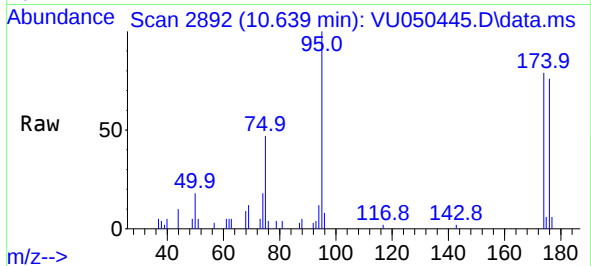




#57
4-Bromofluorobenzene
Concen: 1.016 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

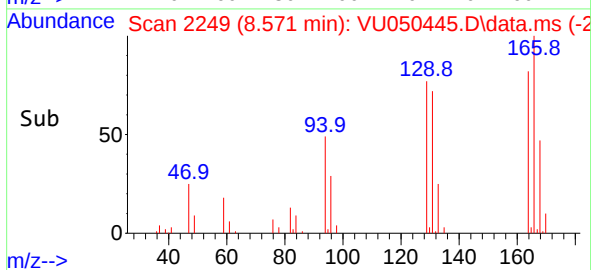
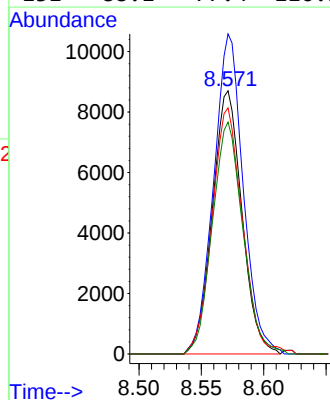
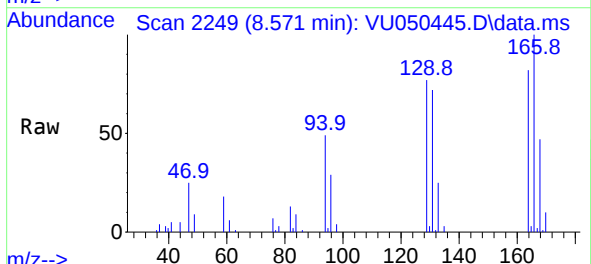
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

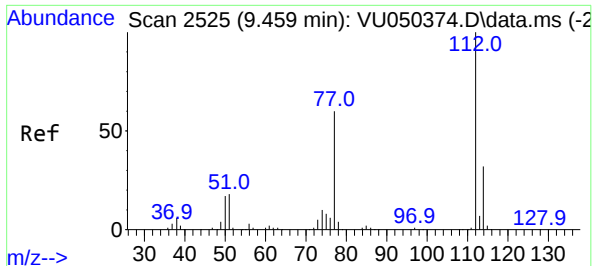
Tgt Ion: 95 Resp: 10818
Ion Ratio Lower Upper
95 100
174 82.2 62.4 93.6
176 77.8 56.2 84.2



#58
Tetrachloroethene
Concen: 1.645 ug/l
RT: 8.571 min Scan# 2249
Delta R.T. 0.019 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 164 Resp: 14330
Ion Ratio Lower Upper
164 100
166 121.6 102.4 153.6
129 93.5 79.5 119.3
131 88.1 77.4 116.2





#59

Chlorobenzene

Concen: 1.590 ug/l

RT: 9.462 min Scan# 2525

Delta R.T. 0.013 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

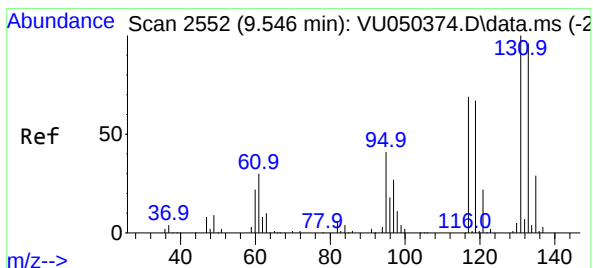
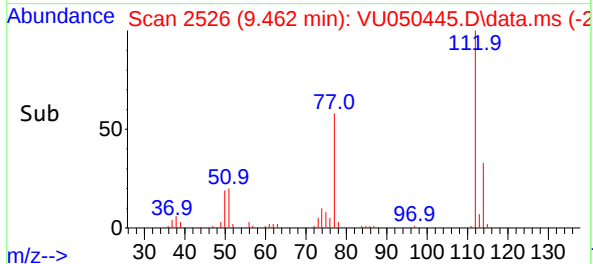
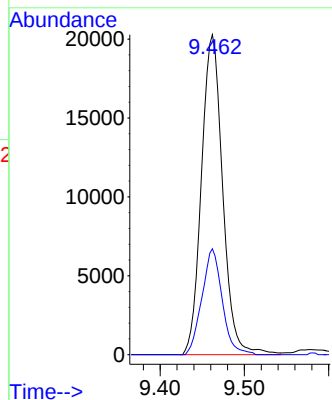
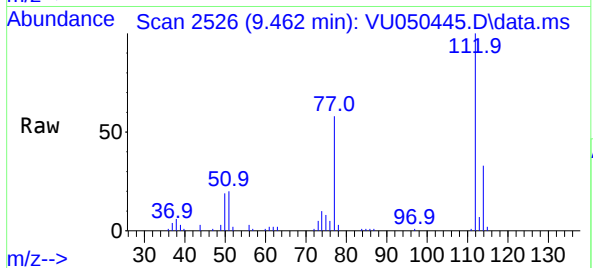
MDL-WATER-03-QT3-2022

Tgt Ion:112 Resp: 35601

Ion Ratio Lower Upper

112 100

114 33.1 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 1.561 ug/l

RT: 9.546 min Scan# 2552

Delta R.T. 0.010 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

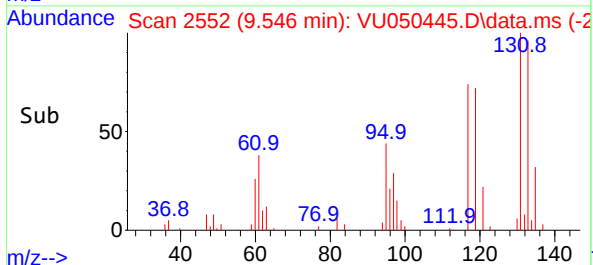
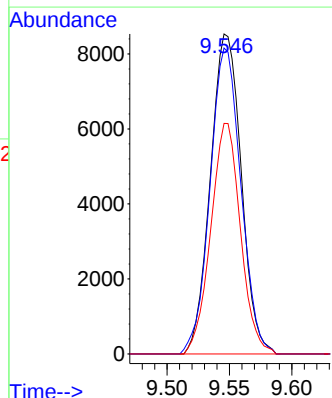
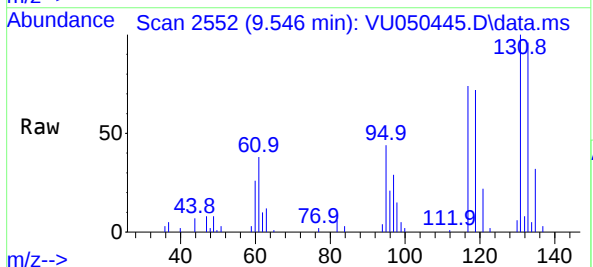
Tgt Ion:131 Resp: 14688

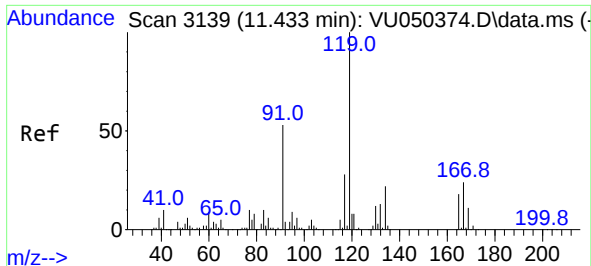
Ion Ratio Lower Upper

131 100

133 95.9 78.3 117.5

119 69.4 53.2 79.8

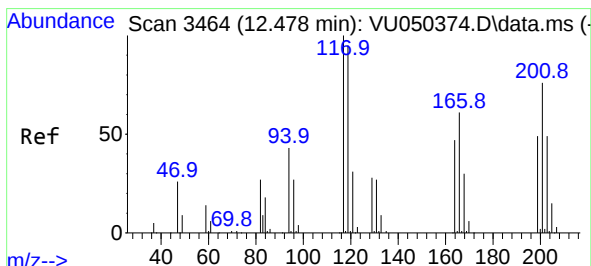
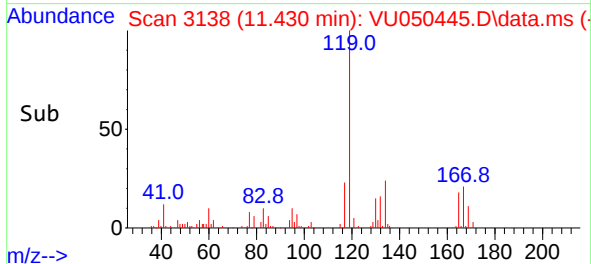
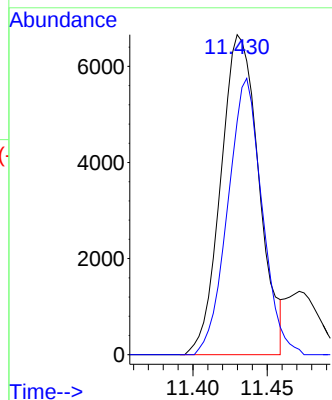
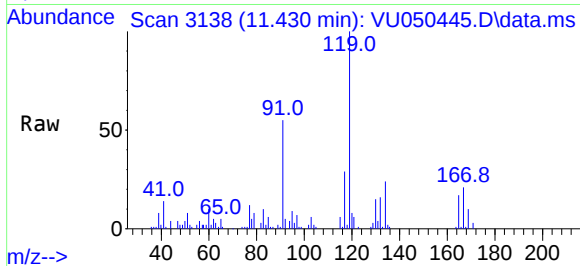




#61
Pentachloroethane
Concen: 1.519 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

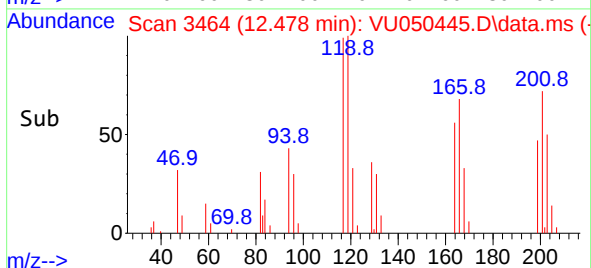
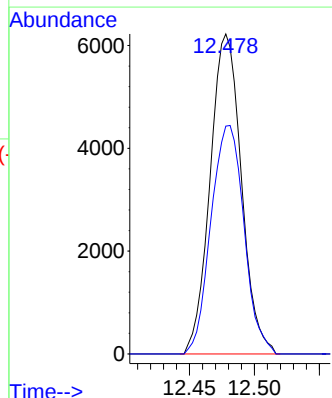
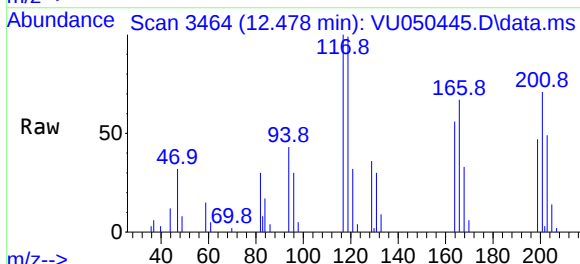
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

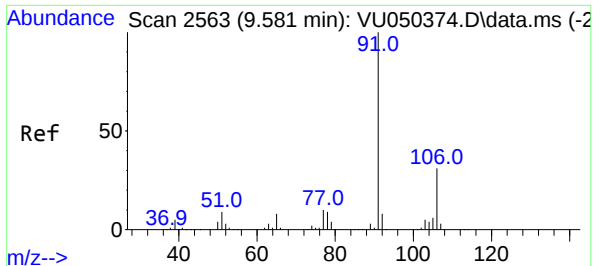
Tgt Ion:117 Resp: 11890
Ion Ratio Lower Upper
117 100
167 77.7 66.2 99.4



#62
Hexachloroethane
Concen: 1.597 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:117 Resp: 10398
Ion Ratio Lower Upper
117 100
201 75.5 61.0 91.4

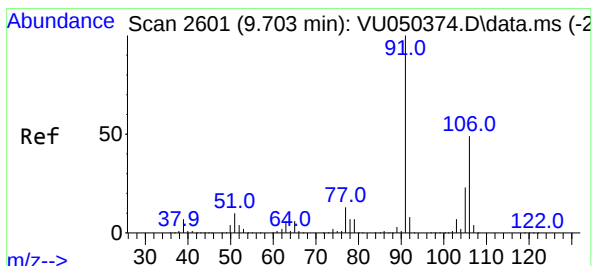
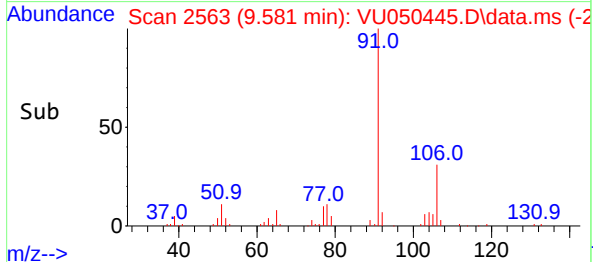
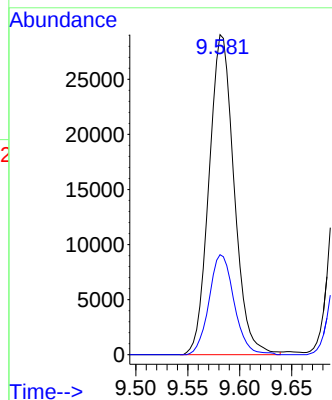
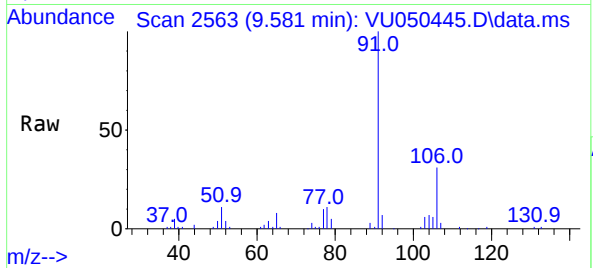




#63
Ethyl Benzene
Concen: 1.584 ug/l
RT: 9.581 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

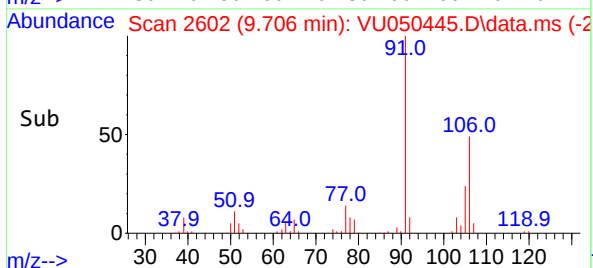
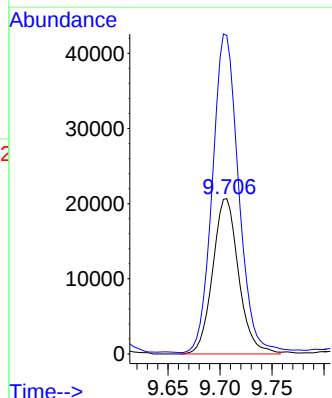
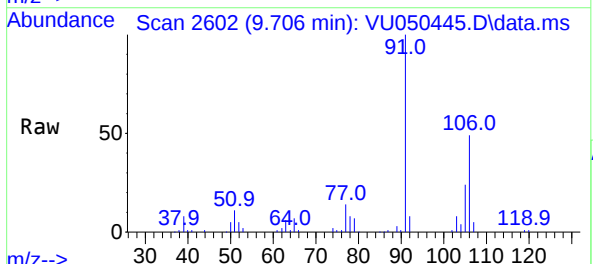
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

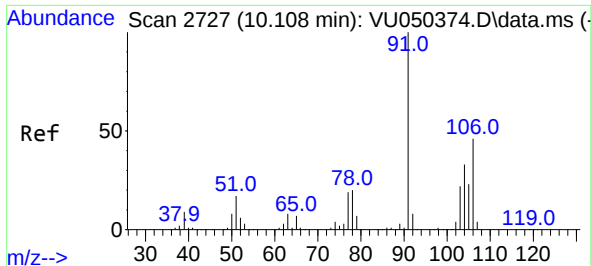
Tgt Ion: 91 Resp: 48704
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#64
m/p-Xylenes
Concen: 2.973 ug/l
RT: 9.706 min Scan# 2602
Delta R.T. 0.013 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 106 Resp: 35901
Ion Ratio Lower Upper
106 100
91 206.8 167.8 251.6

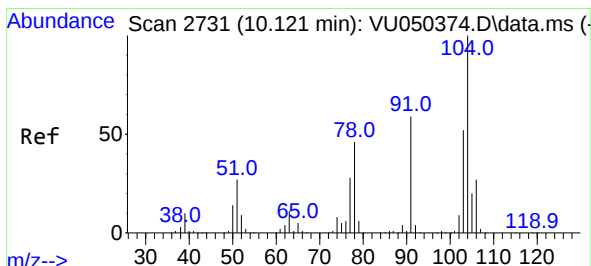
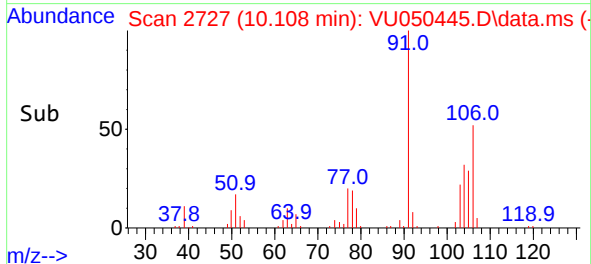
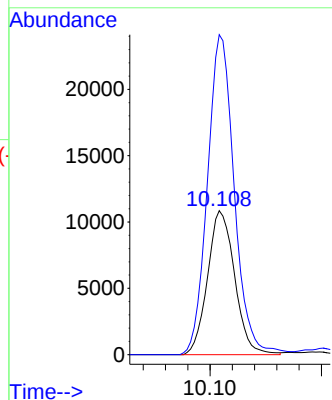
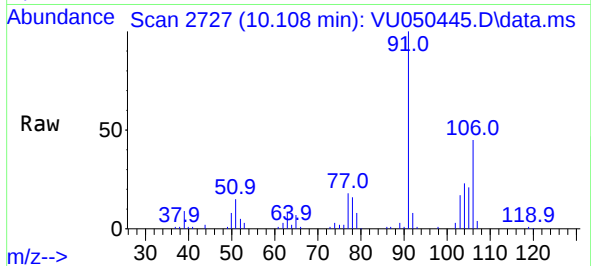




#65
o-Xylene
Concen: 1.553 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

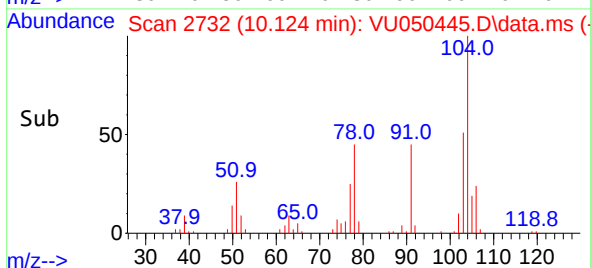
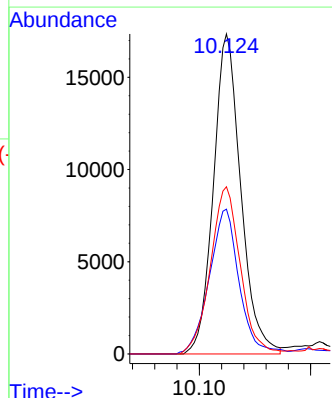
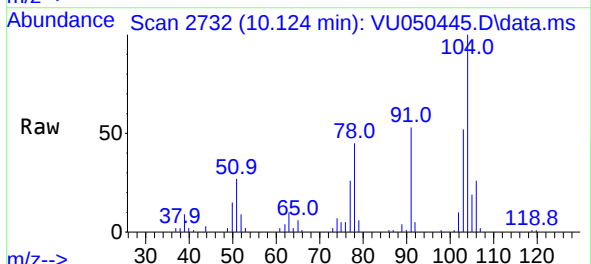
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

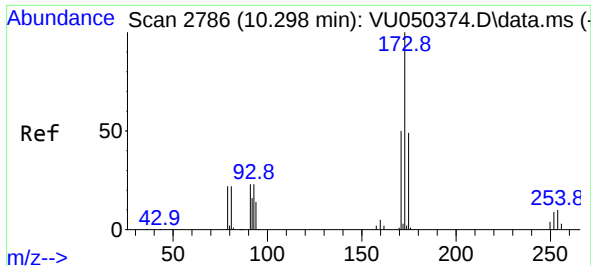
Tgt Ion:106 Resp: 18370
Ion Ratio Lower Upper
106 100
91 219.7 111.1 333.2



#66
Styrene
Concen: 1.534 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:104 Resp: 29644
Ion Ratio Lower Upper
104 100
78 49.3 42.1 63.1
103 57.0 44.5 66.7

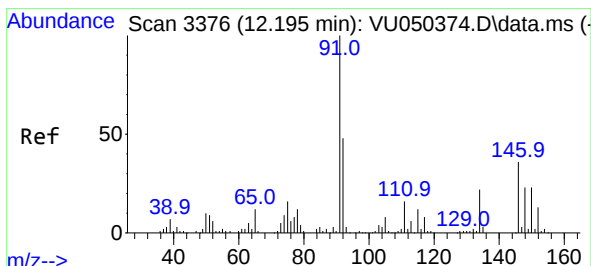
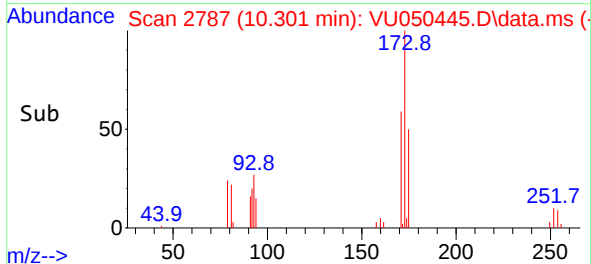
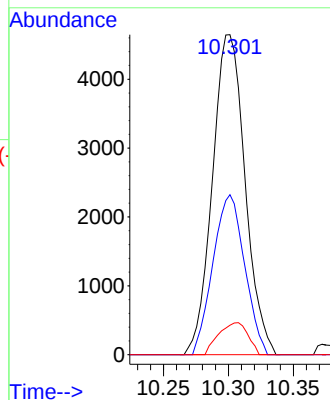
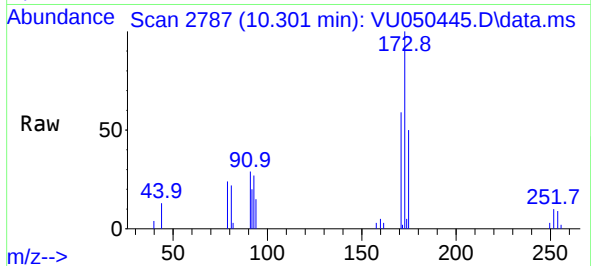




#67
Bromoform
Concen: 1.585 ug/l
RT: 10.301 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

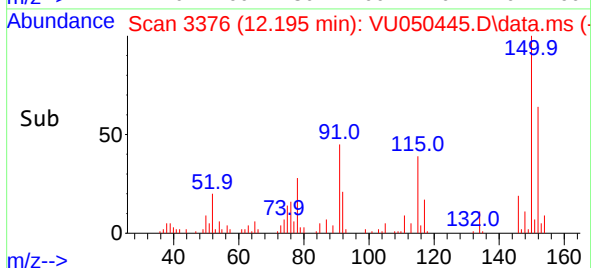
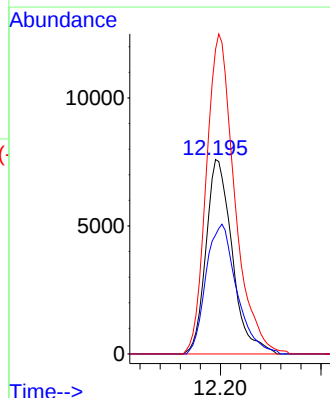
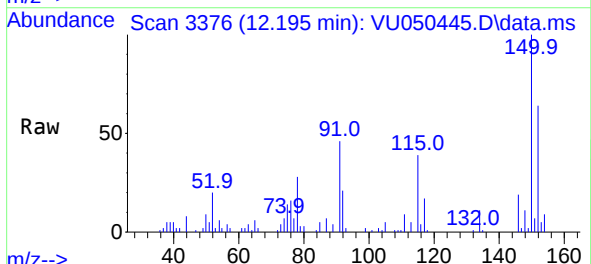
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

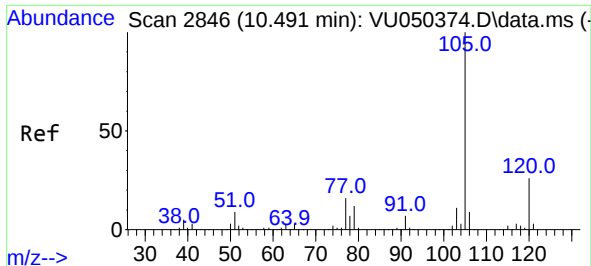
Tgt Ion:	173	Resp:	8128
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.4	57.6
254	9.0	7.7	11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.094 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	152	Resp:	13765
Ion Ratio	Lower	Upper	
152	100		
115	78.1	0.0	254.6
150	177.8	0.0	623.6

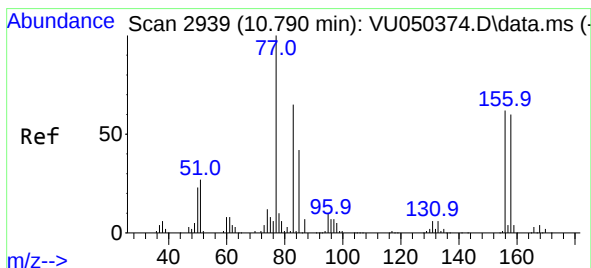
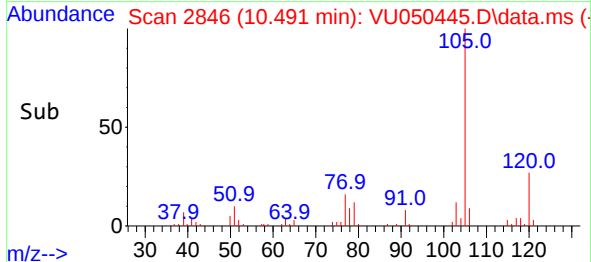
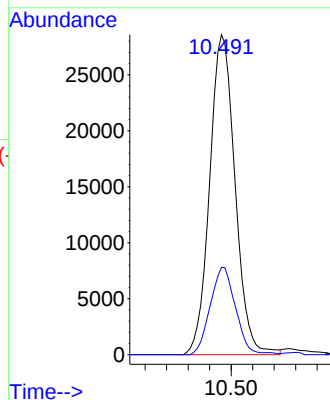
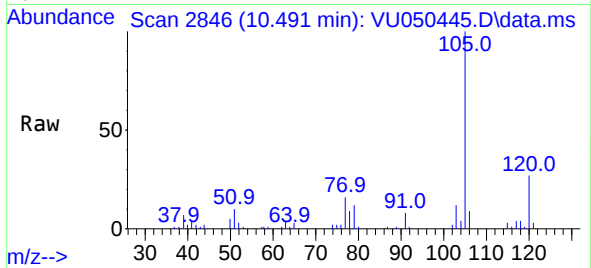




#69
Isopropylbenzene
Concen: 1.569 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

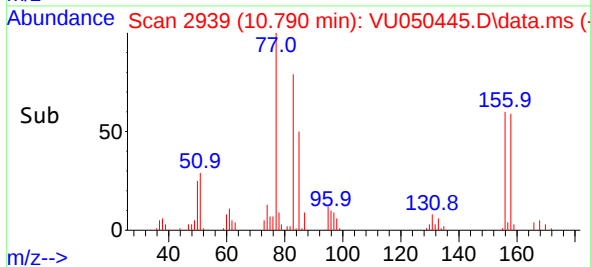
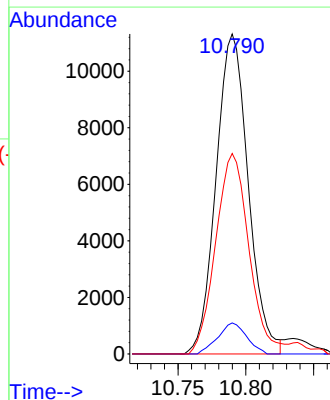
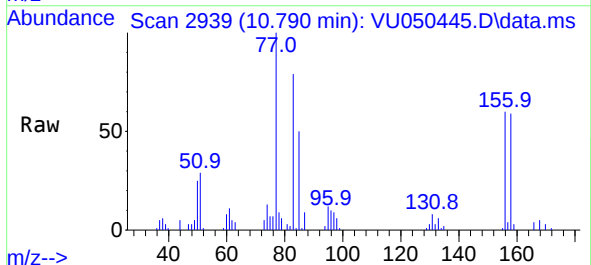
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

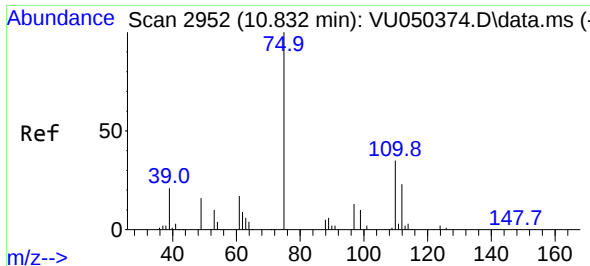
Tgt Ion:105 Resp: 46905
Ion Ratio Lower Upper
105 100
120 27.2 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 1.651 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 83 Resp: 18652
Ion Ratio Lower Upper
83 100
131 8.7 7.7 11.5
85 64.9 51.2 76.8



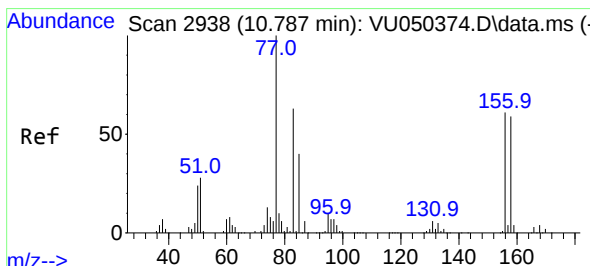
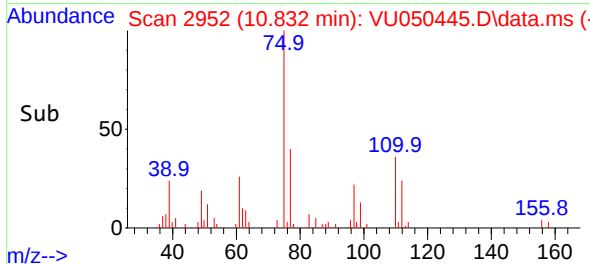
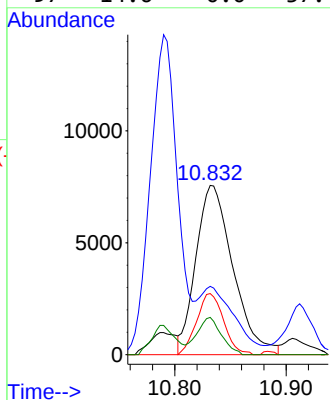
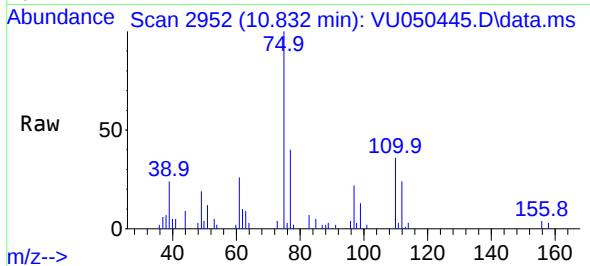


#71
1,2,3-Trichloropropane
Concen: 2.062 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 75 Resp: 17519

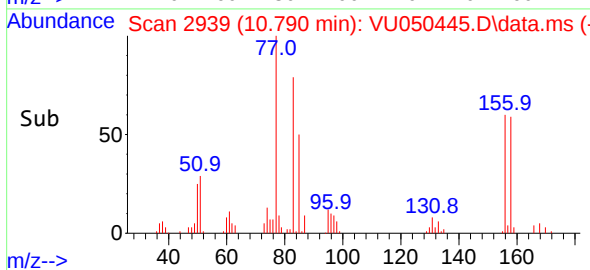
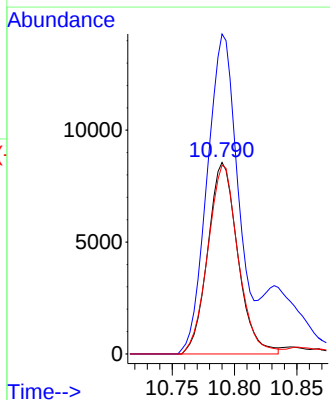
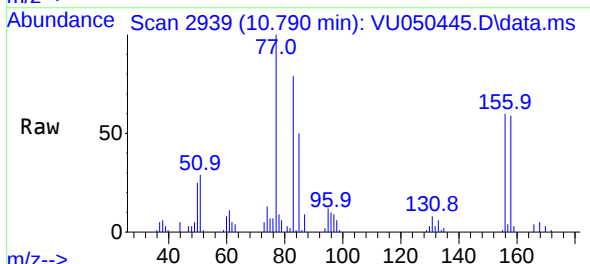
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	112.4
110	26.3	0.0	70.6
97	14.6	0.0	37.4

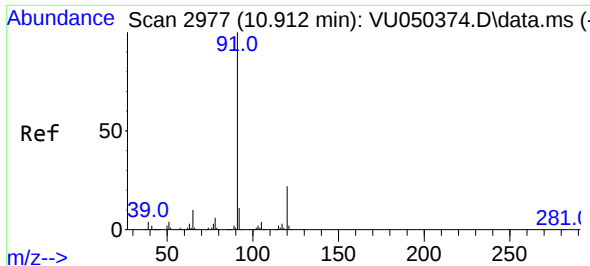


#72
Bromobenzene
Concen: 1.485 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion: 156 Resp: 14347

Ion	Ratio	Lower	Upper
156	100		
77	169.4	0.0	344.4
158	99.7	0.0	192.2

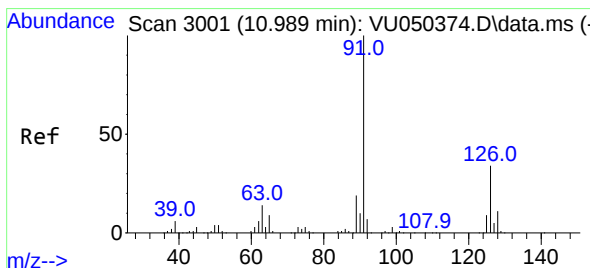
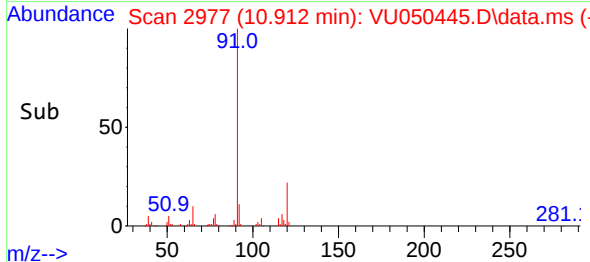
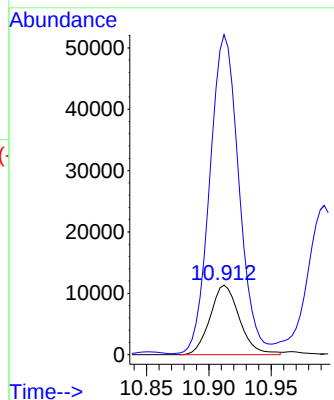
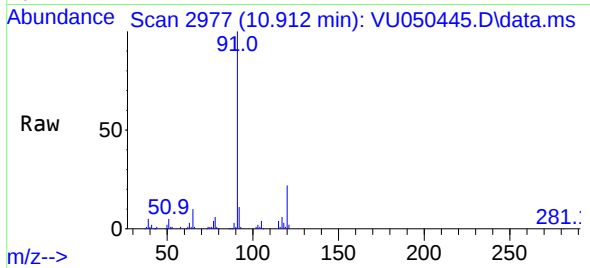




#73
n-propylbenzene
Concen: 2.009 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

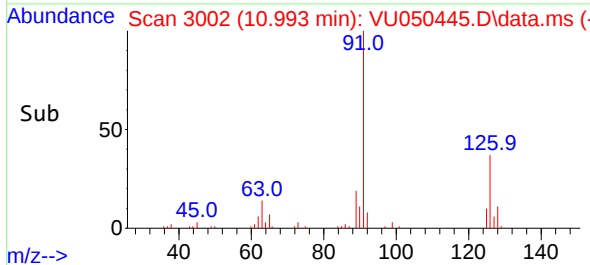
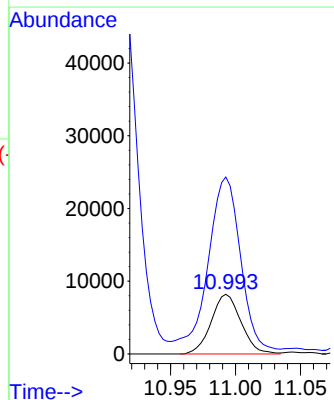
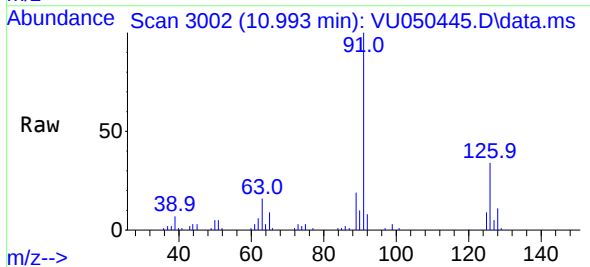
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

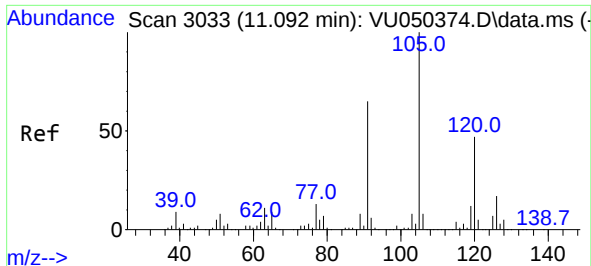
Tgt Ion:120 Resp: 18611
Ion Ratio Lower Upper
120 100
91 454.3 367.8 551.6



#74
2-Chlorotoluene
Concen: 1.514 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:126 Resp: 13083
Ion Ratio Lower Upper
126 100
91 310.5 0.0 620.6

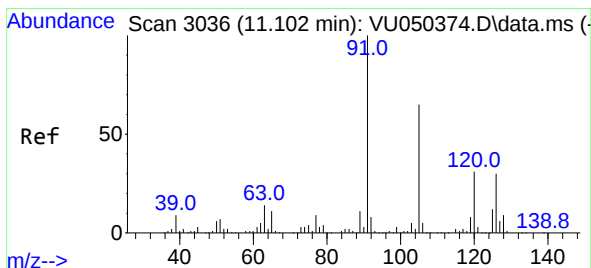
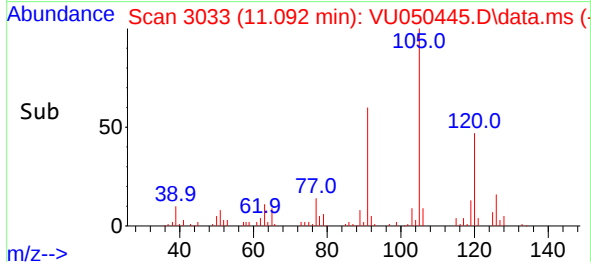
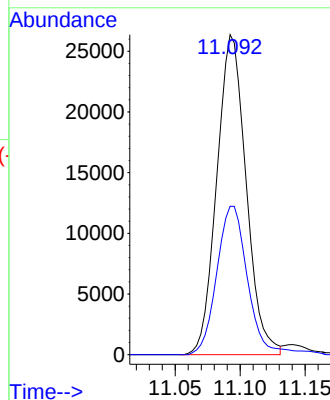
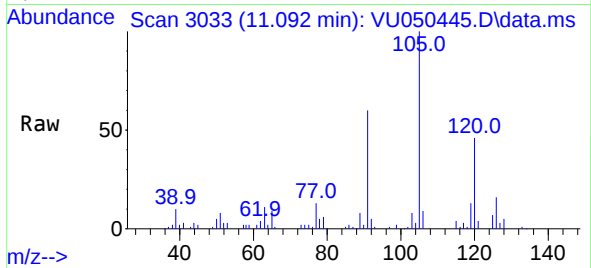




#75
1,3,5-Trimethylbenzene
Concen: 1.513 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

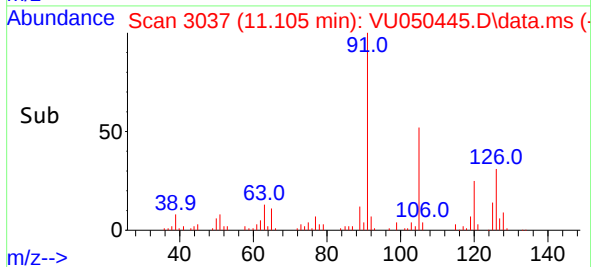
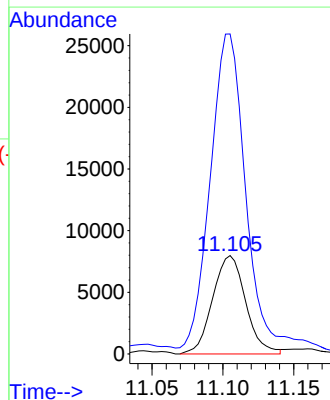
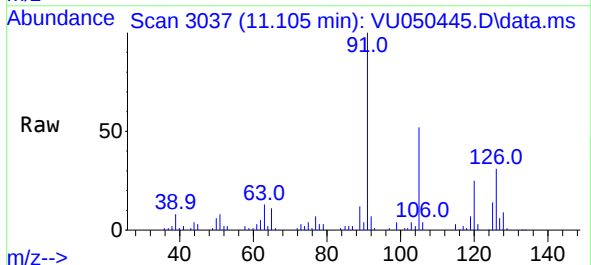
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

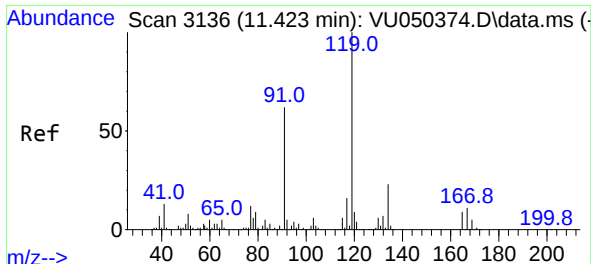
Tgt Ion:105 Resp: 41327
Ion Ratio Lower Upper
105 100
120 49.1 37.6 56.4



#76
4-Chlorotoluene
Concen: 1.466 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:126 Resp: 12951
Ion Ratio Lower Upper
126 100
91 365.7 0.0 738.8





#77

tert-Butylbenzene

Concen: 1.593 ug/l

RT: 11.427 min Scan# 3136

Delta R.T. 0.007 min

Lab File: VU050445.D

Acq: 25 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT3-2022

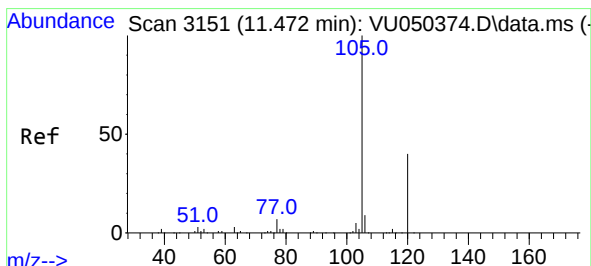
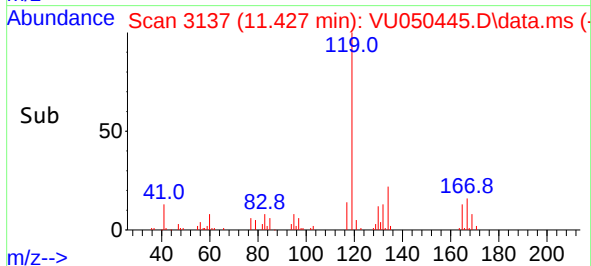
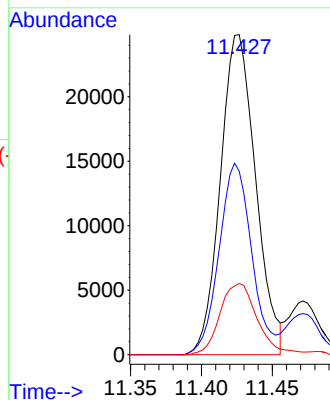
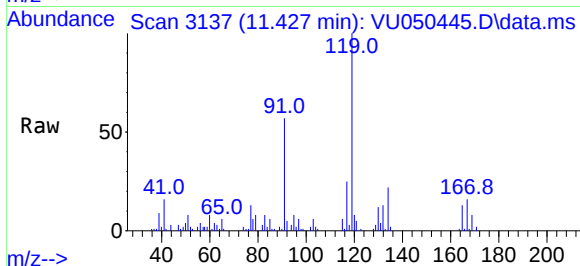
Tgt Ion:119 Resp: 43057

Ion Ratio Lower Upper

119 100

91 55.3 30.4 91.3

134 23.4 17.8 26.6



#78

1,2,4-Trimethylbenzene

Concen: 1.527 ug/l

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU050445.D

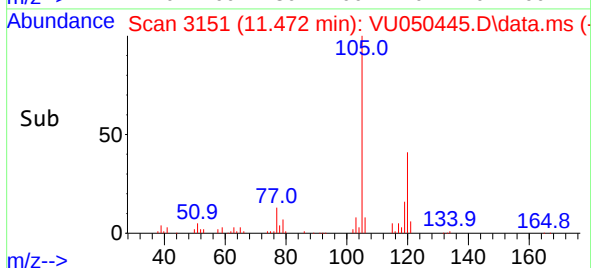
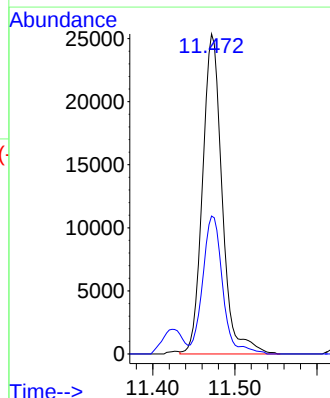
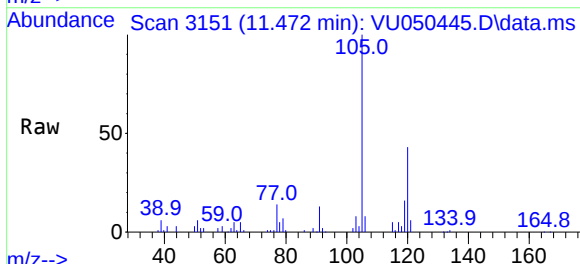
Acq: 25 Aug 2022 15:12

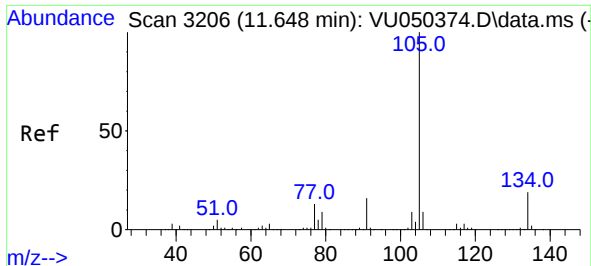
Tgt Ion:105 Resp: 42182

Ion Ratio Lower Upper

105 100

120 44.1 21.6 65.0

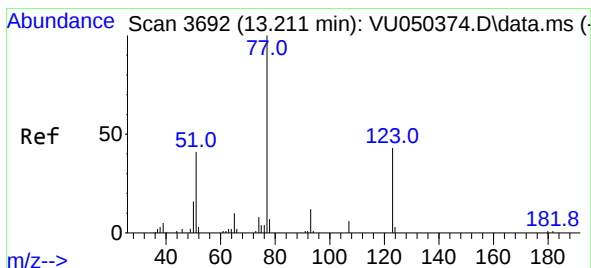
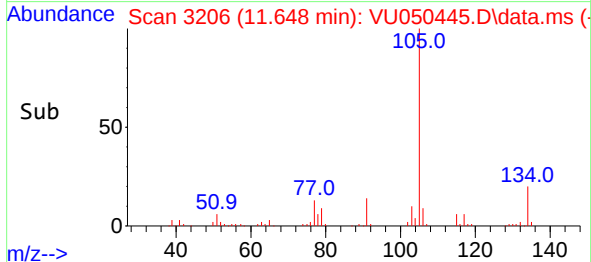
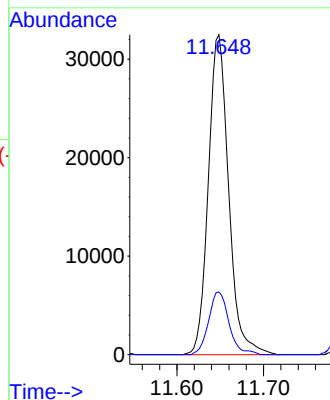
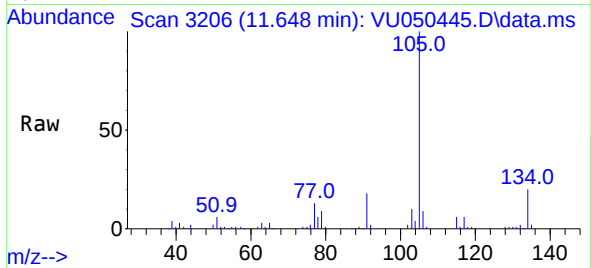




#79
 sec-Butylbenzene
 Concen: 1.530 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

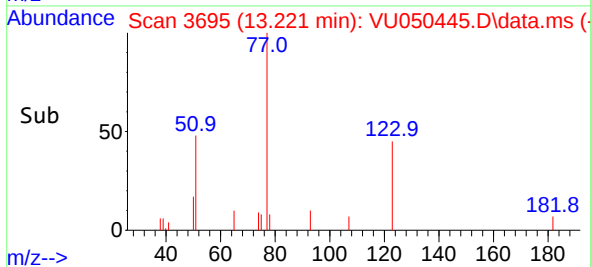
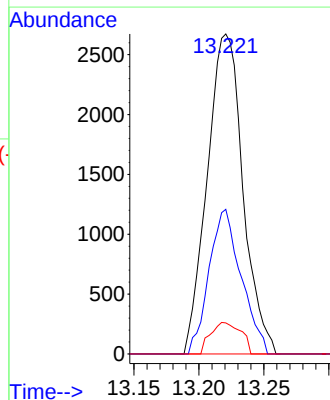
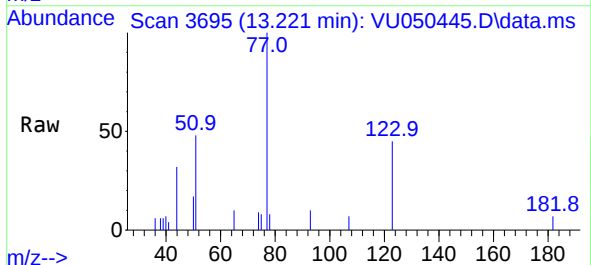
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT3-2022

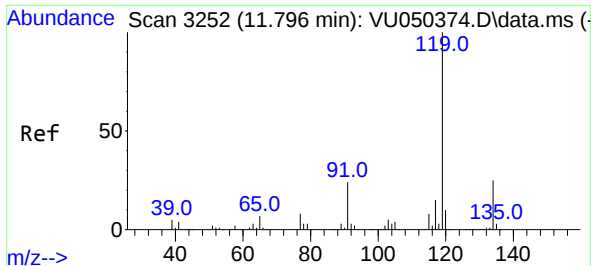
Tgt Ion:105 Resp: 52919
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.4 23.0



#80
 Nitrobenzene
 Concen: 8.340 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.013 min
 Lab File: VU050445.D
 Acq: 25 Aug 2022 15:12

Tgt Ion: 77 Resp: 5112
 Ion Ratio Lower Upper
 77 100
 123 40.7 18.1 64.3
 65 8.4 10.8 13.8#

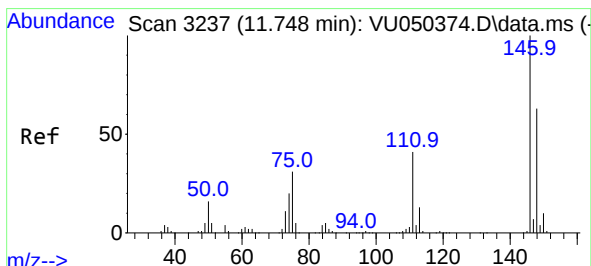
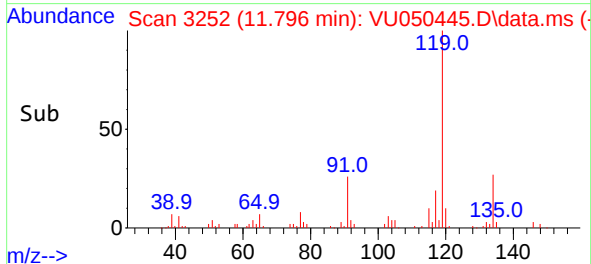
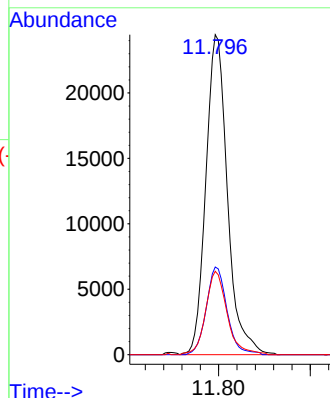
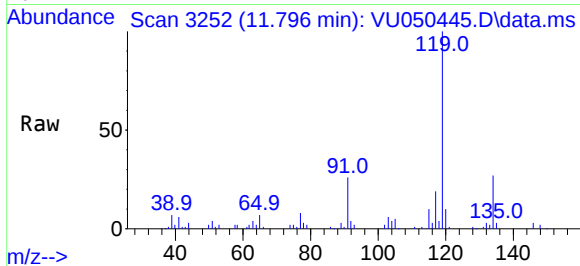




#81
p-Isopropyltoluene
Concen: 1.506 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

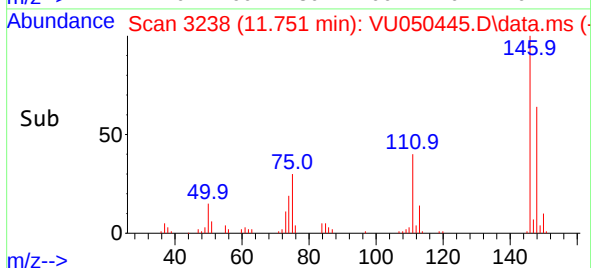
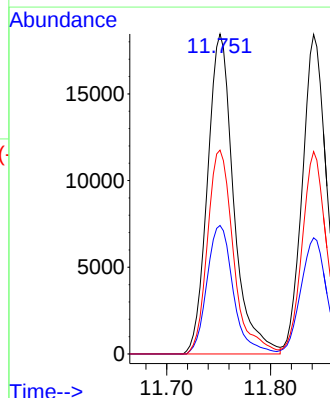
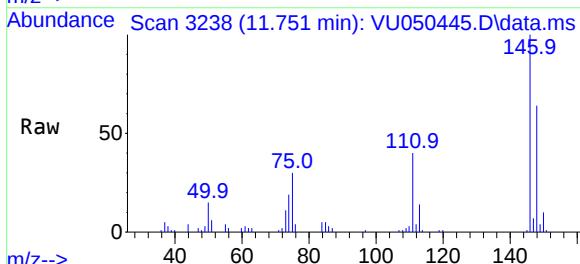
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

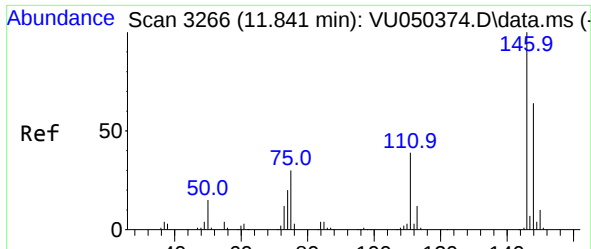
Tgt Ion:	119	Resp:	39973
Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.5	30.7
91	25.8	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 1.623 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	146	Resp:	32296
Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.4	50.2
148	63.5	51.2	76.8

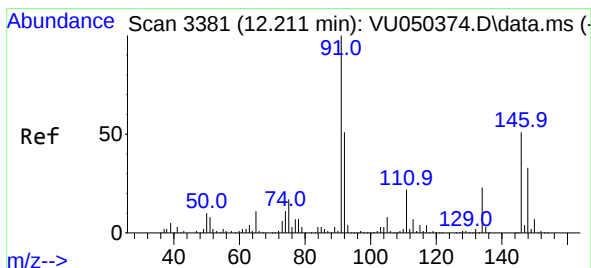
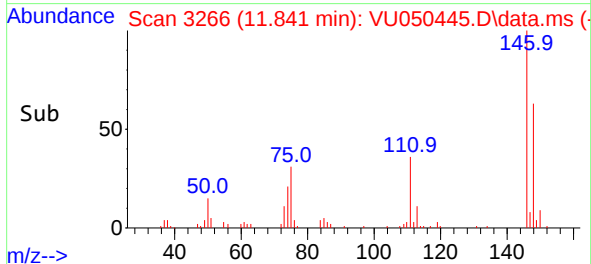
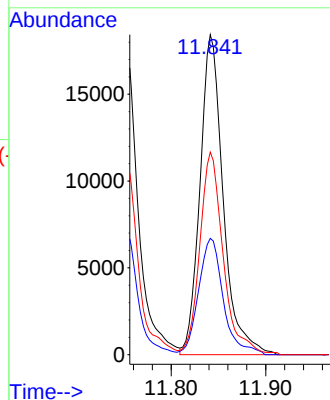
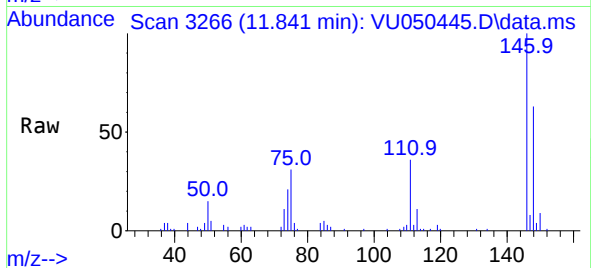




#83
1,4-Dichlorobenzene
Concen: 1.588 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

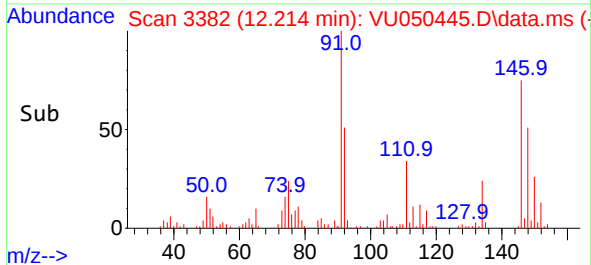
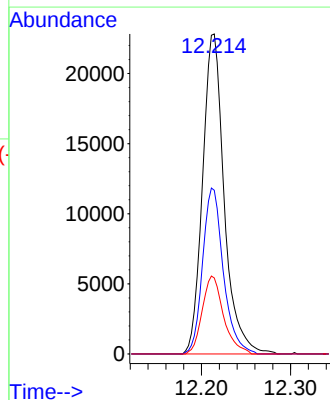
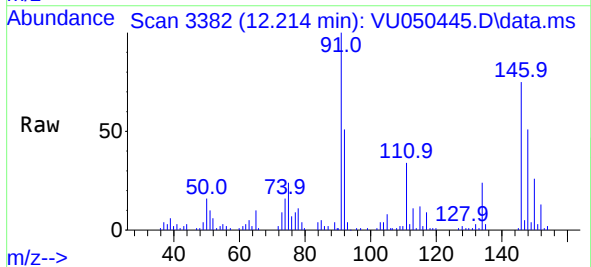
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

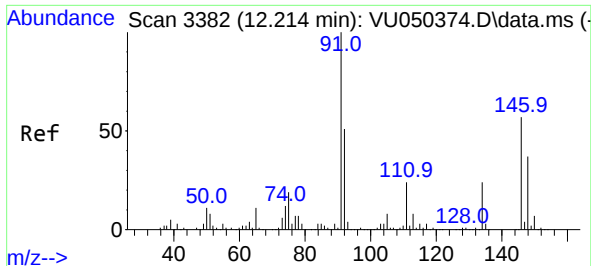
Tgt Ion:	146	Resp:	31410
Ion	Ratio	Lower	Upper
146	100		
111	38.8	32.6	49.0
148	64.2	51.6	77.4



#84
n-Butylbenzene
Concen: 1.536 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	91	Resp:	38432
Ion	Ratio	Lower	Upper
91	100		
92	49.8	42.3	63.5
134	24.0	19.6	29.4

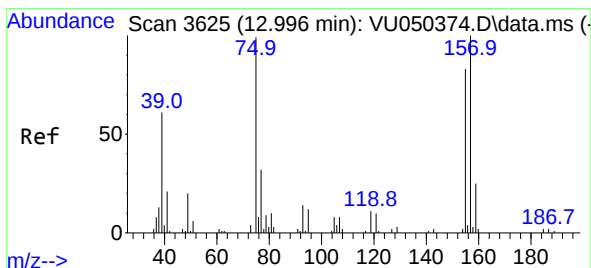
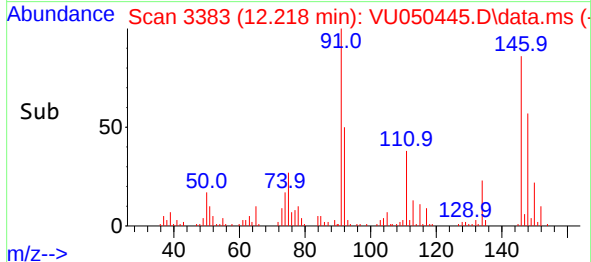
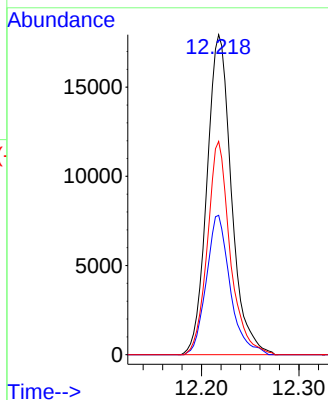
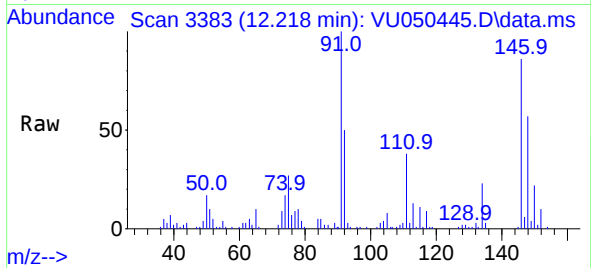




#85
1,2-Dichlorobenzene
Concen: 1.598 ug/l
RT: 12.218 min Scan# 31264
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

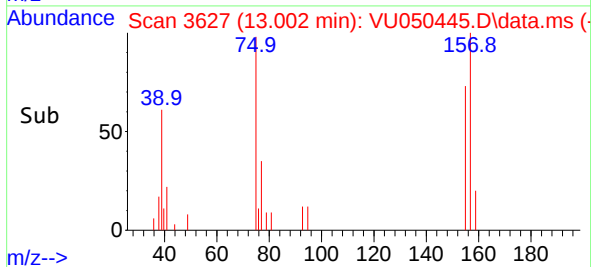
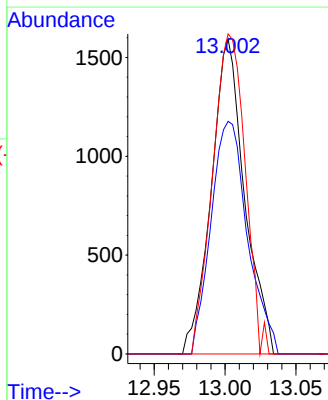
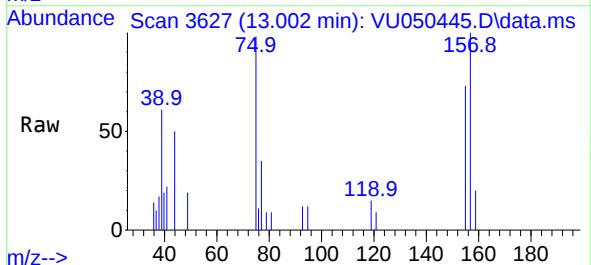
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT3-2022

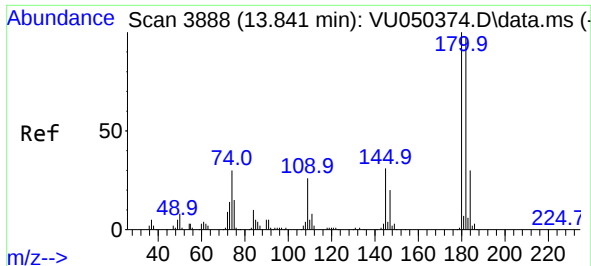
Tgt Ion:	146	Resp:	31264
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.1	66.1
148	62.3	32.1	96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.464 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	75	Resp:	2610
Ion	Ratio	Lower	Upper
75	100		
155	80.8	66.8	100.2
157	99.4	83.8	125.8

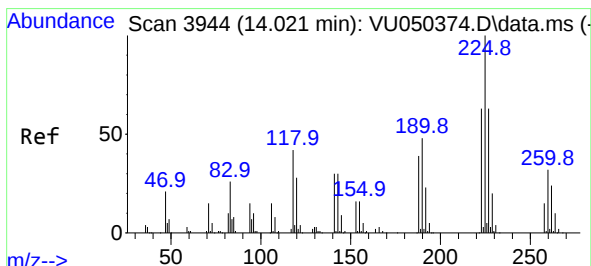
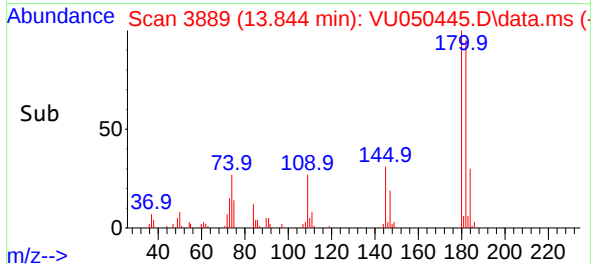
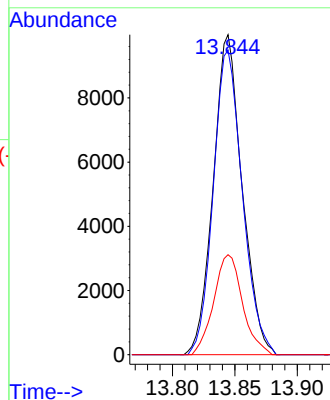
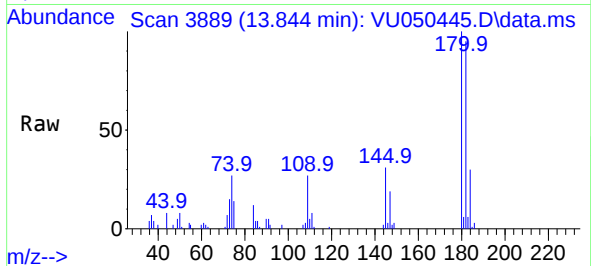




#87
1,2,4-Trichlorobenzene
Concen: 1.441 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

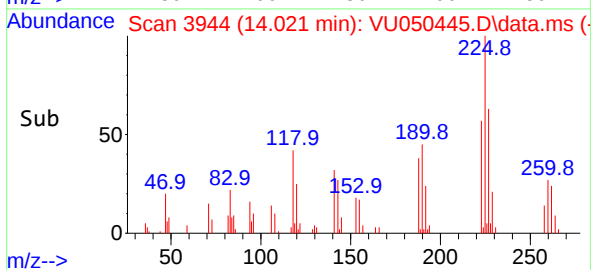
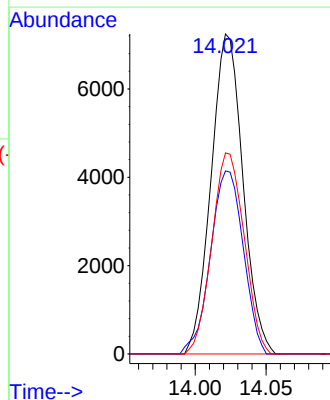
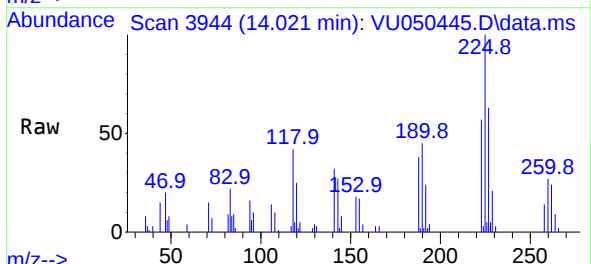
Instrument :
MSVOA_U
ClientSampleId :
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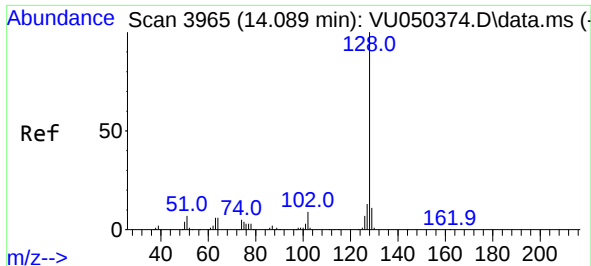
Tgt Ion:	180	Resp:	16078
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.0	115.6
145	31.2	25.7	38.5



#88
Hexachlorobutadiene
Concen: 1.558 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	225	Resp:	11319
Ion Ratio	Lower	Upper	
225	100		
223	58.8	50.6	76.0
227	63.8	50.7	76.1

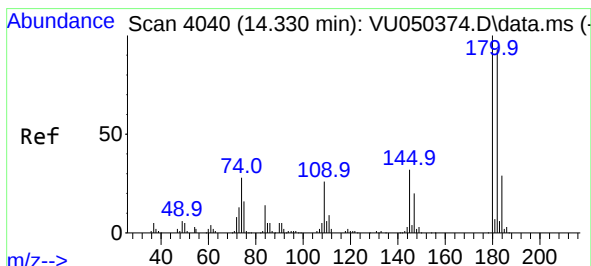
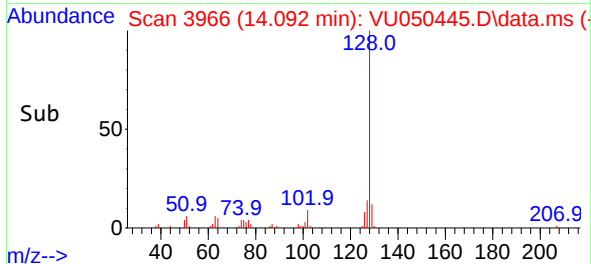
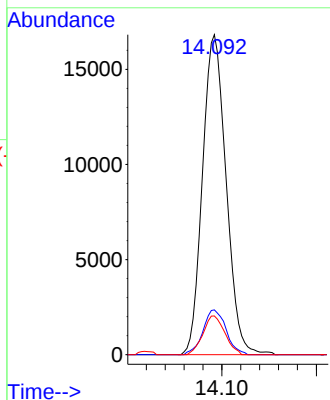
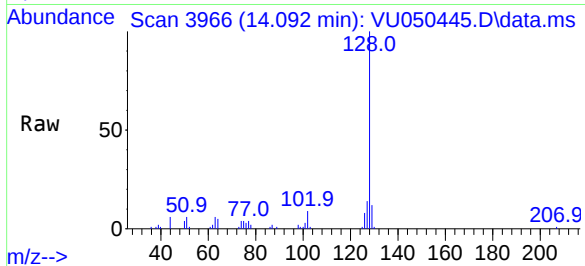




#89
Naphthalene
Concen: 1.833 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:	128	Resp:	29212
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.2	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 1.581 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050445.D
Acq: 25 Aug 2022 15:12

Tgt Ion:	180	Resp:	16511
Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.6	114.8
145	31.1	27.3	40.9

