

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071322\
 Data File : VU049700.D
 Acq On : 13 Jul 2022 11:58
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 14 05:08:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 14 05:07:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	206424	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66145	37.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.960%
7) Chloroethane-d5	1.903	69	54354	43.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.340%
11) 1,1-Dichloroethene-d2	2.562	63	93598	30.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.840%
21) 2-Butanone-d5	4.623	46	160788	108.142	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.140%
24) Chloroform-d	5.063	84	145508	47.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
26) 1,2-Dichloroethane-d4	5.700	65	104371	49.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
32) Benzene-d6	5.726	84	274385	45.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
36) 1,2-Dichloropropane-d6	6.690	67	97278	48.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	7.896	98	234005	44.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.179	79	39276	46.108	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.632	63	88453	97.260	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.260%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	138842	49.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	12.192	152	82380	48.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	5178	2.093	ug/L	100
3) Chloromethane	1.523	50	7028	2.588	ug/L	96
5) Vinyl chloride	1.600	62	6060	2.469	ug/L	83
6) Bromomethane	1.845	94	2541	2.241	ug/L	96
8) Chloroethane	1.925	64	3471	2.553	ug/L	89
9) Trichlorofluoromethane	2.134	101	6699	2.210	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	4567	2.872	ug/L #	80
12) 1,1-Dichloroethene	2.578	96	3823	2.590	ug/L #	1
13) Acetone	2.633	43	8757	6.197	ug/L	95
14) Carbon disulfide	2.790	76	10543	2.118	ug/L	97
15) Methyl Acetate	2.951	43	6655	2.899	ug/L #	91
16) Methylene chloride	3.041	84	5583	3.004	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	3997	2.476	ug/L	90
18) Methyl tert-butyl Ether	3.362	73	14048	2.540	ug/L	97
19) 1,1-Dichloroethane	3.867	63	8895	2.646	ug/L	95
20) cis-1,2-Dichloroethene	4.668	96	4646	2.560	ug/L	95
22) 2-Butanone	4.713	43	10669	5.640	ug/L	100
23) Bromochloromethane	4.970	128	2366	2.613	ug/L	76
27) 1,2-Dichloroethane	5.793	62	8054	2.806	ug/L #	95

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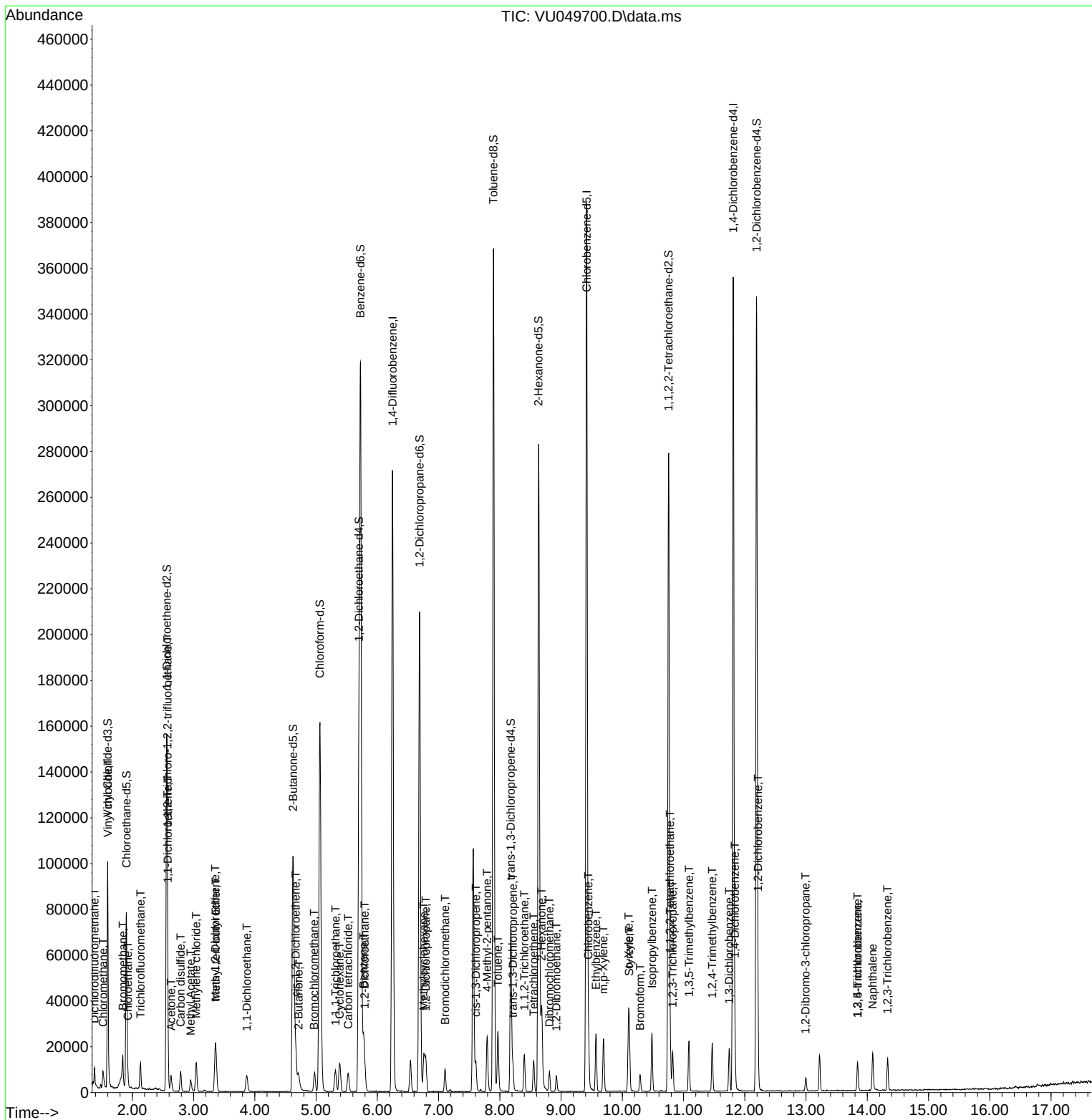
Quant Time: Jul 14 05:08:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
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 QLast Update : Thu Jul 14 05:07:30 2022
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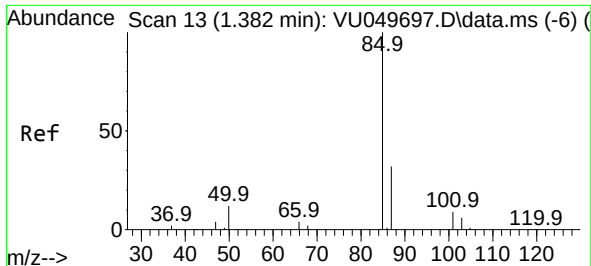
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.385	56	6315	2.045	ug/L #	93
30) 1,1,1-Trichloroethane	5.317	97	6586	2.299	ug/L	98
31) Carbon tetrachloride	5.523	117	5747	2.453	ug/L	93
33) Benzene	5.774	78	19632	2.640	ug/L	100
35) Methylcyclohexane	6.758	83	5803	2.054	ug/L	97
37) 1,2-Dichloropropane	6.790	63	5545	2.690	ug/L #	95
38) Bromodichloromethane	7.105	83	6091	2.383	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	7067	2.542	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	16935	5.075	ug/L #	91
42) Toluene	7.970	91	18259	2.470	ug/L	96
44) trans-1,3-Dichloropropene	8.214	75	8165	3.128	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	4724	2.626	ug/L	98
46) Tetrachloroethene	8.552	164	3070	2.462	ug/L	92
48) 2-Hexanone	8.684	43	22035	8.263	ug/L #	92
49) Dibromochloromethane	8.812	129	4400	2.431	ug/L	99
50) 1,2-Dibromoethane	8.925	107	4778	2.673	ug/L #	97
51) Chlorobenzene	9.446	112	10546	2.356	ug/L	92
52) Ethylbenzene	9.571	91	17777	2.279	ug/L	98
53) m,p-Xylene	9.693	106	6251	2.204	ug/L	95
54) o-Xylene	10.102	106	6398	2.240	ug/L	96
55) Styrene	10.115	104	10294	2.184	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.780	83	8819	2.738	ug/L #	87
59) Bromoform	10.291	173	3205	2.670	ug/L #	90
60) 1,2,3-Trichloropropane	10.822	75	6997	2.936	ug/L	94
61) Isopropylbenzene	10.484	105	15348	2.297	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	12109	2.148	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	11331	2.024	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	7345	2.518	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	7638	2.607	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	8113	2.675	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.992	75	1654	2.368	ug/L	91
69) 1,3,5-Trichlorobenzene	13.841	180	4093	2.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	4093	2.182	ug/L	97
71) Naphthalene	14.089	128	14069	2.098	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	4195	2.159	ug/L	89

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

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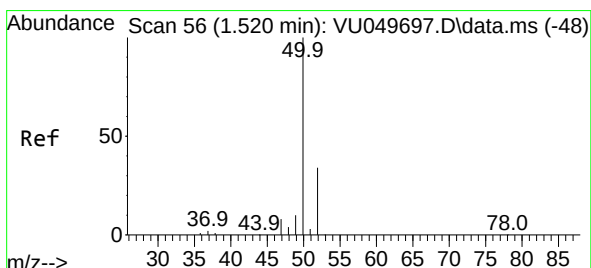
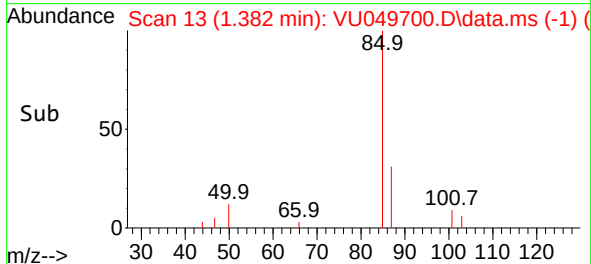
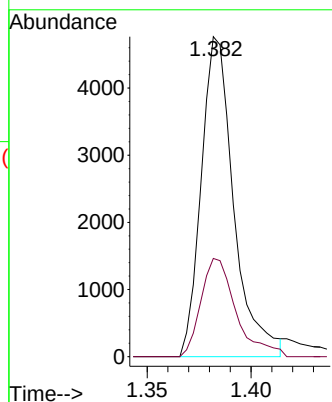
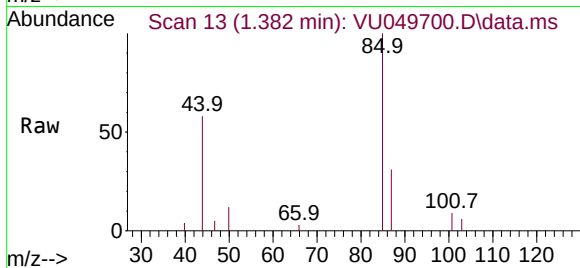




#2
Dichlorodifluoromethane
Concen: 2.093 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

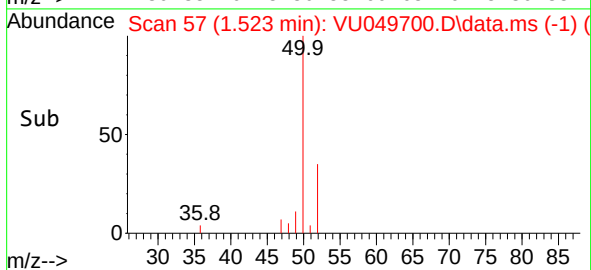
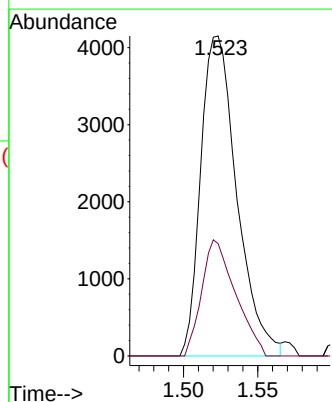
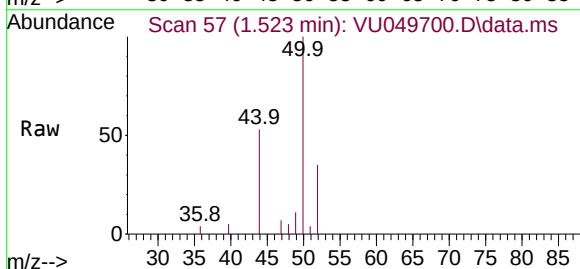
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

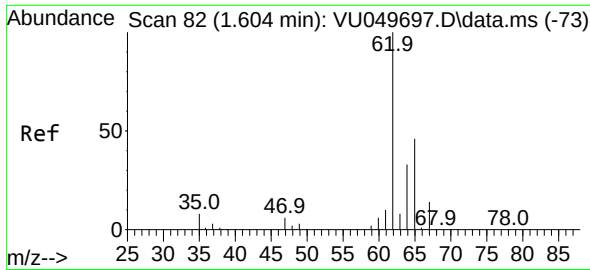
Tgt Ion: 85 Resp: 5178
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 2.588 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 50 Resp: 7028
Ion Ratio Lower Upper
50 100
52 35.1 23.2 43.0

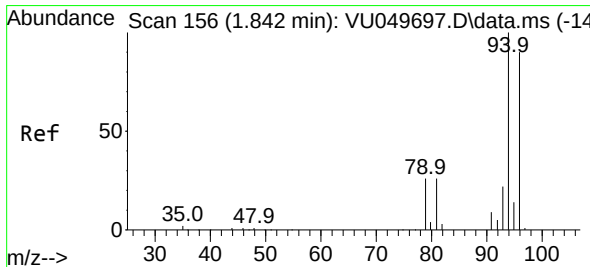
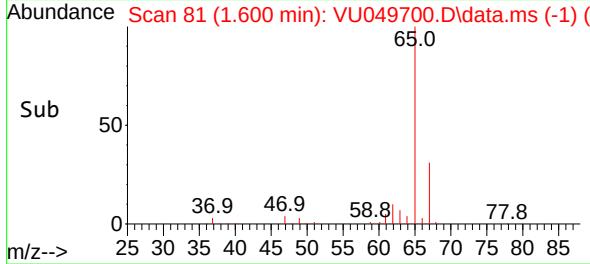
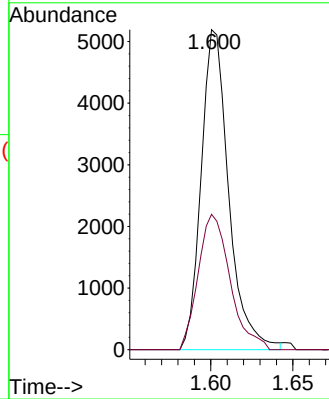
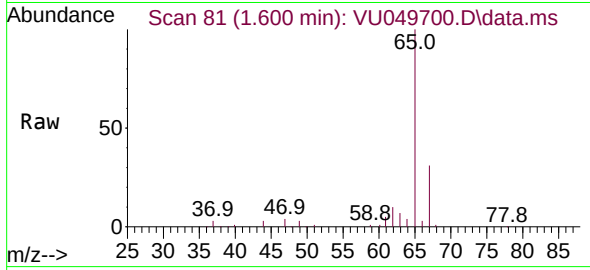




#5
 Vinyl chloride
 Concen: 2.469 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049700.D
 Acq: 13 Jul 2022 11:58

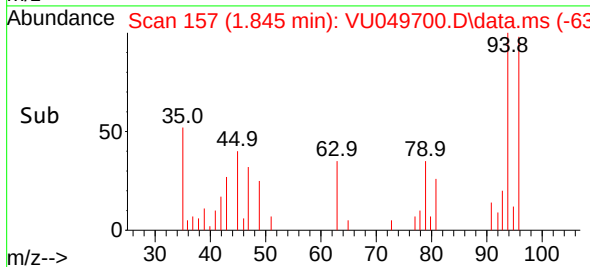
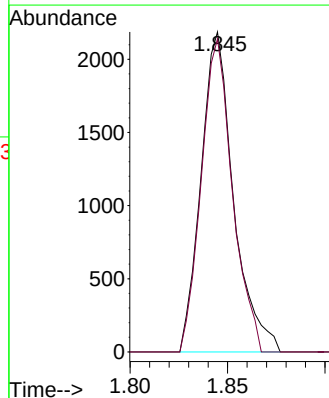
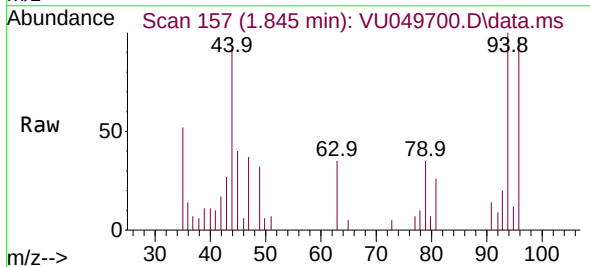
Instrument :
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 ClientSampleId :
 MDL-WATER-QT2-2022-04

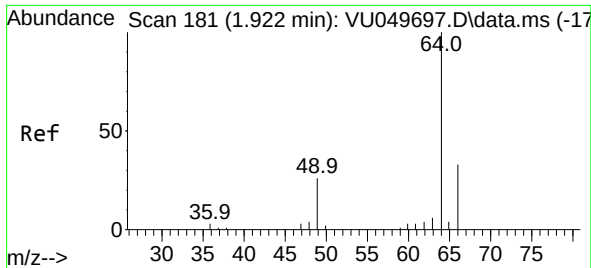
Tgt Ion: 62 Resp: 6060
 Ion Ratio Lower Upper
 62 100
 64 42.3 23.0 42.6



#6
 Bromomethane
 Concen: 2.241 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VU049700.D
 Acq: 13 Jul 2022 11:58

Tgt Ion: 94 Resp: 2541
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.1 122.7

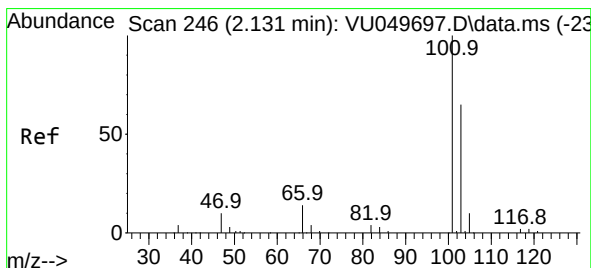
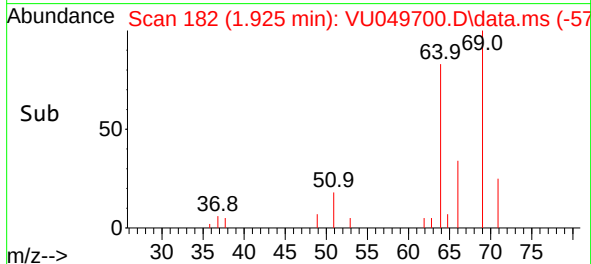
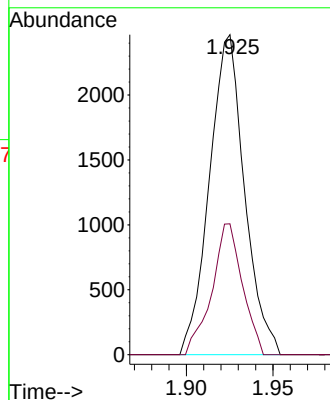
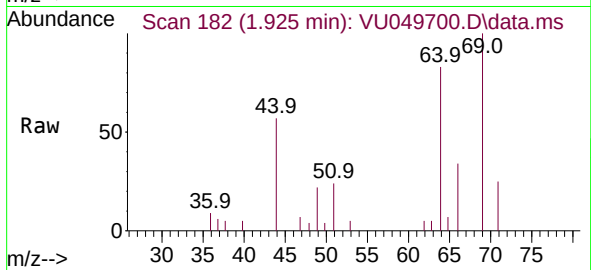




#8
Chloroethane
Concen: 2.553 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

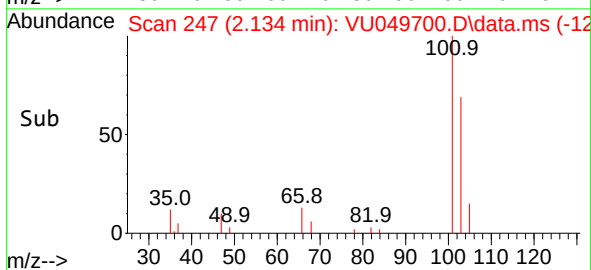
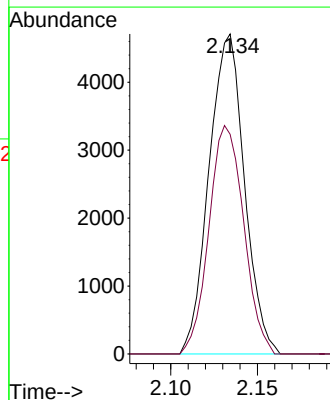
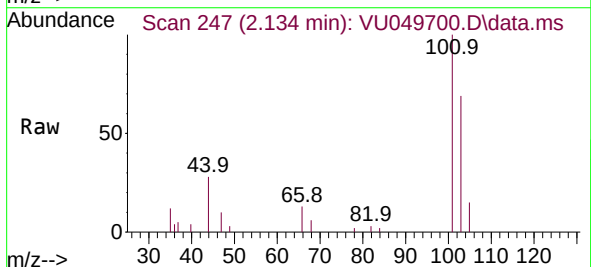
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

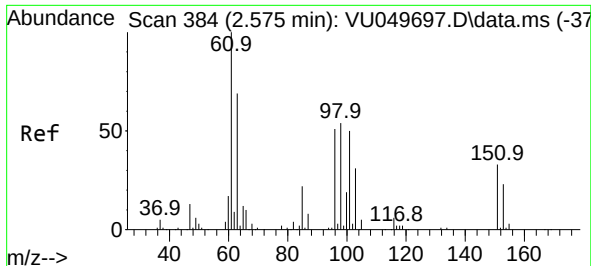
Tgt Ion: 64 Resp: 3471
Ion Ratio Lower Upper
64 100
66 37.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 2.210 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 101 Resp: 6699
Ion Ratio Lower Upper
101 100
103 70.2 52.2 78.4

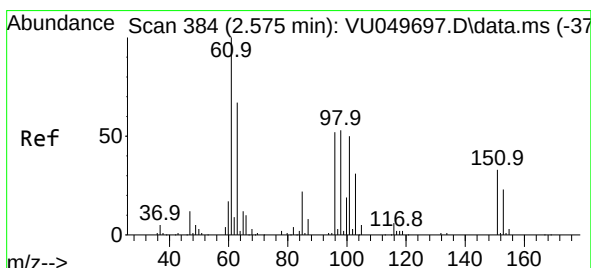
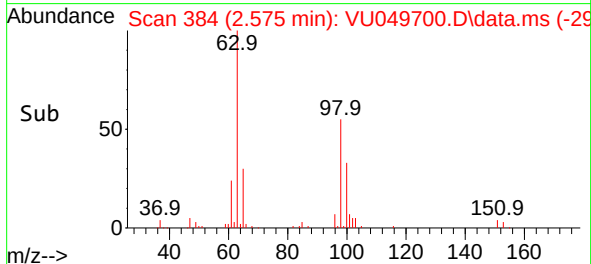
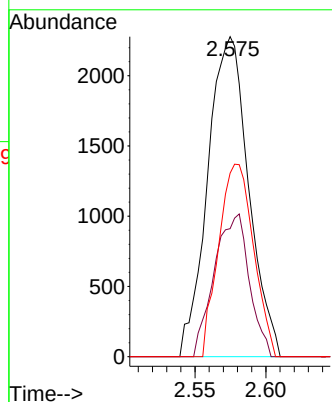
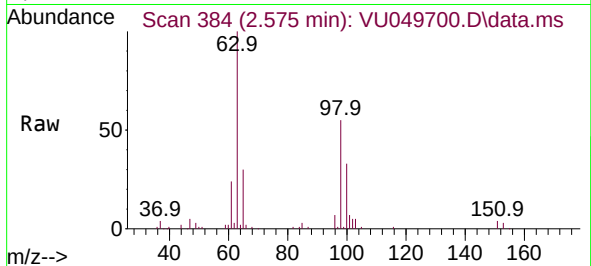




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.872 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049700.D
 Acq: 13 Jul 2022 11:58

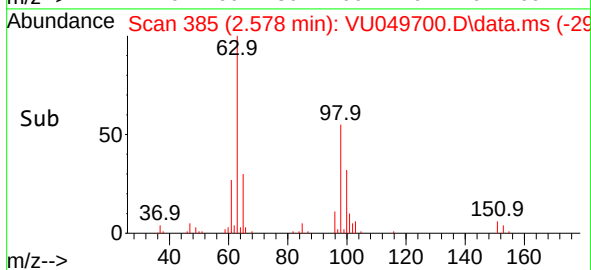
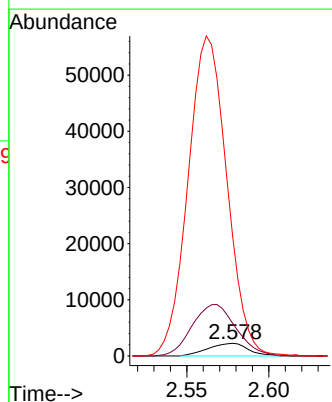
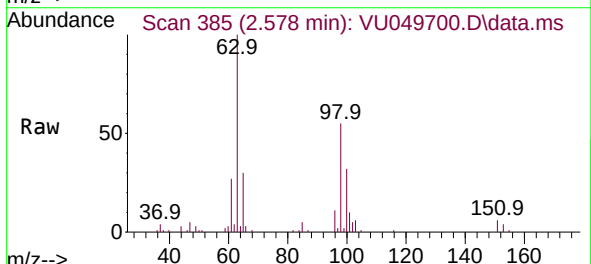
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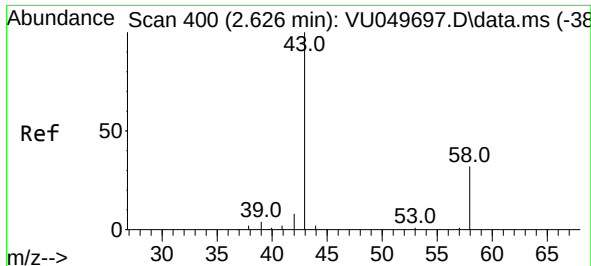
Tgt Ion:101 Resp: 4567
 Ion Ratio Lower Upper
 101 100
 85 38.2 37.3 55.9
 151 51.2 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 2.590 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049700.D
 Acq: 13 Jul 2022 11:58

Tgt Ion: 96 Resp: 3823
 Ion Ratio Lower Upper
 96 100
 61 258.6 129.6 240.6#
 63 946.0 79.0 146.6#





#13

Acetone

Concen: 6.197 ug/L

RT: 2.633 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

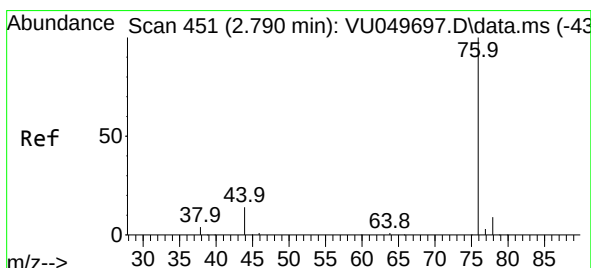
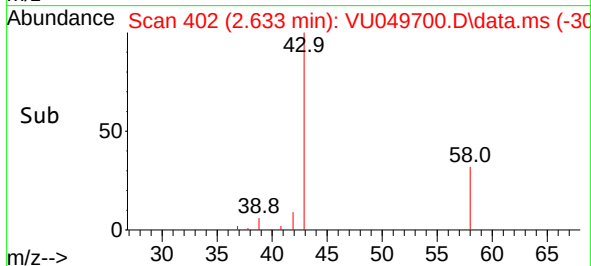
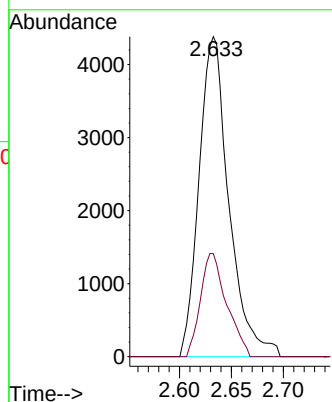
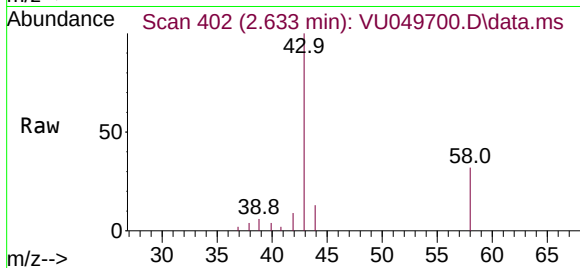
MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 8757

Ion Ratio Lower Upper

43 100

58 28.2 0.0 61.4



#14

Carbon disulfide

Concen: 2.118 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049700.D

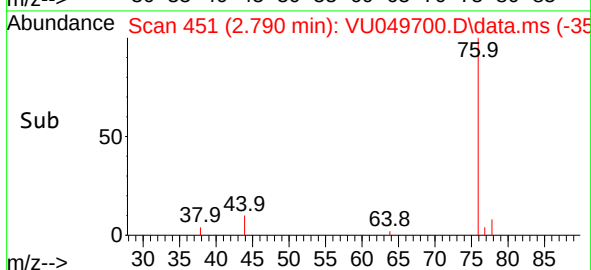
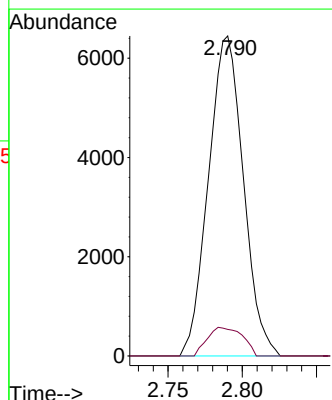
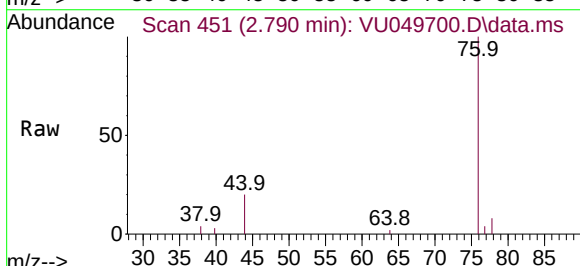
Acq: 13 Jul 2022 11:58

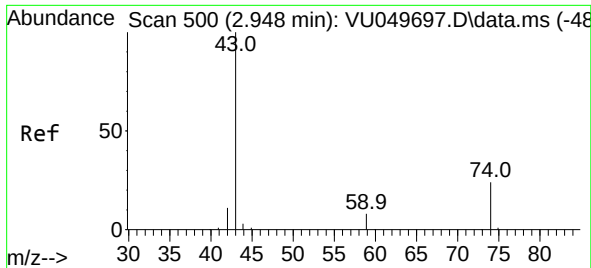
Tgt Ion: 76 Resp: 10543

Ion Ratio Lower Upper

76 100

78 8.3 7.6 11.4

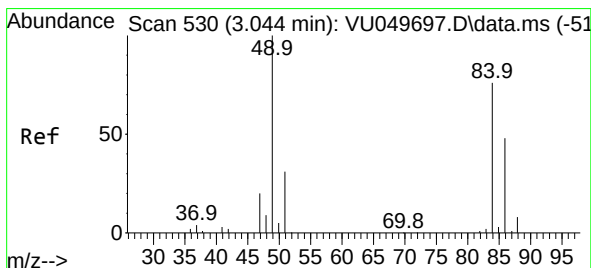
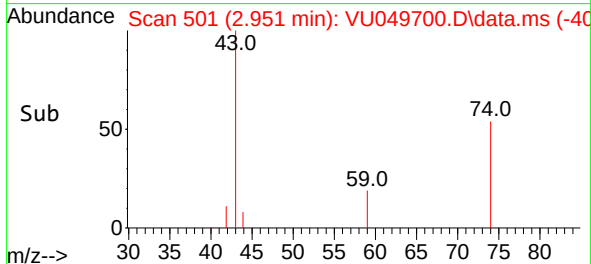
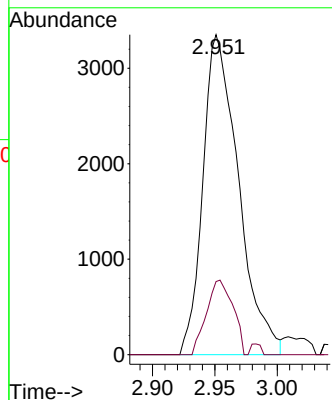
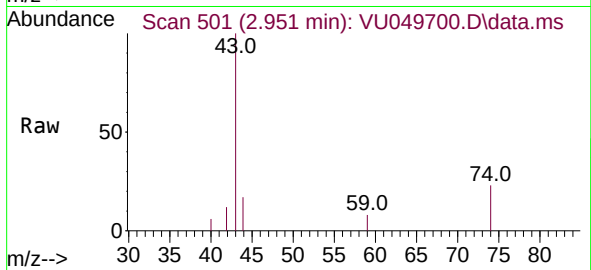




#15
Methyl Acetate
Concen: 2.899 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

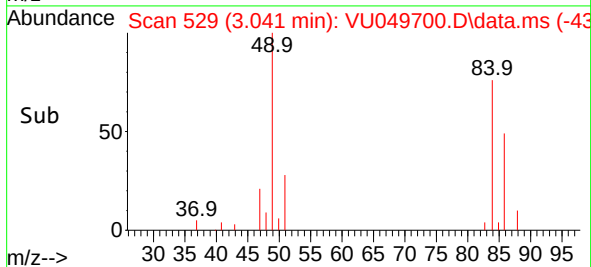
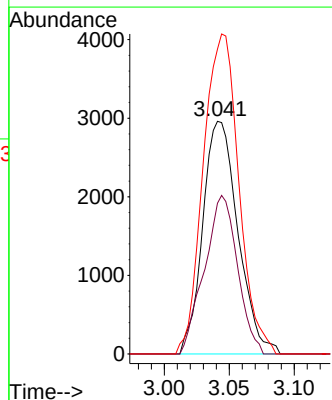
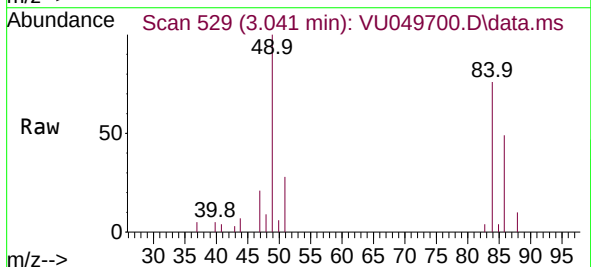
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

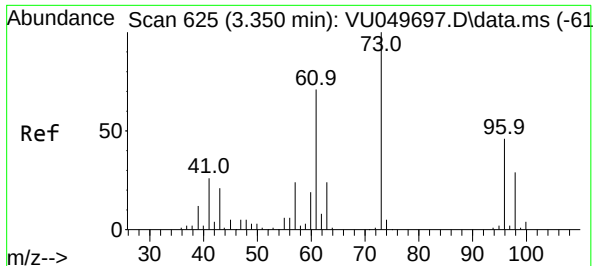
Tgt Ion: 43 Resp: 6655
Ion Ratio Lower Upper
43 100
74 17.4 17.4 26.0#



#16
Methylene chloride
Concen: 3.004 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 84 Resp: 5583
Ion Ratio Lower Upper
84 100
86 64.8 45.6 84.6
49 131.0 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 2.476 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2022-04

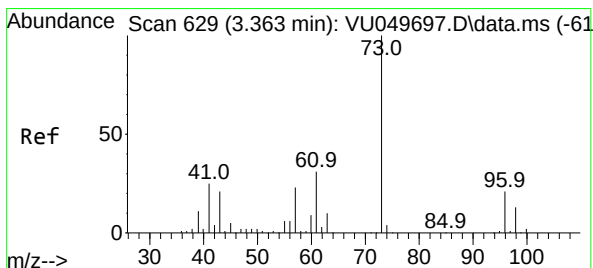
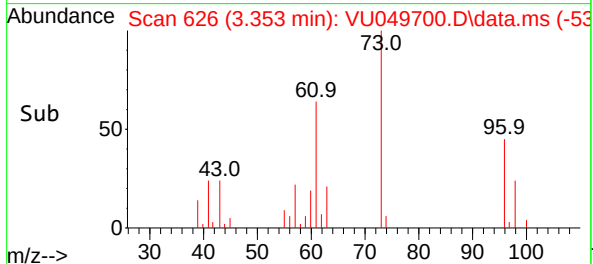
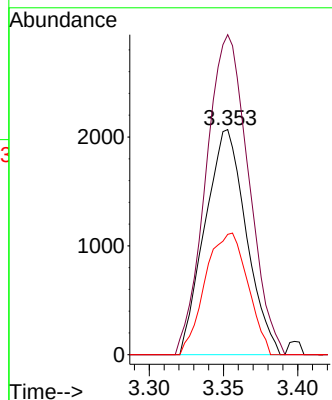
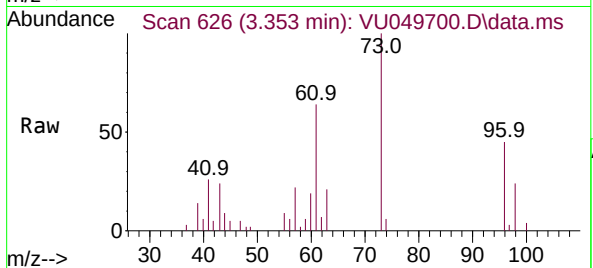
Tgt Ion: 96 Resp: 3997

Ion Ratio Lower Upper

96 100

61 142.2 107.6 199.8

98 53.5 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 2.540 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

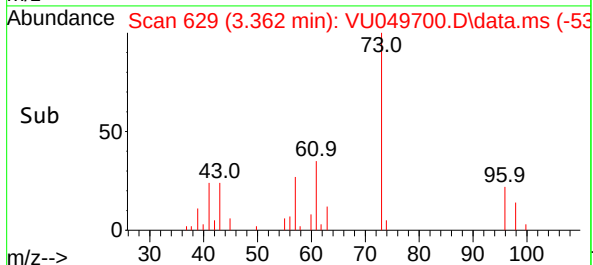
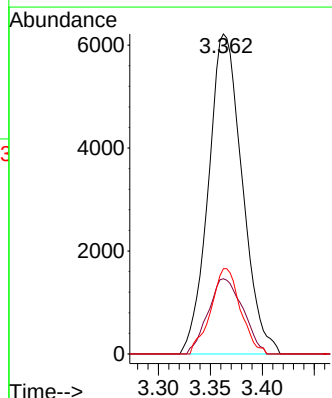
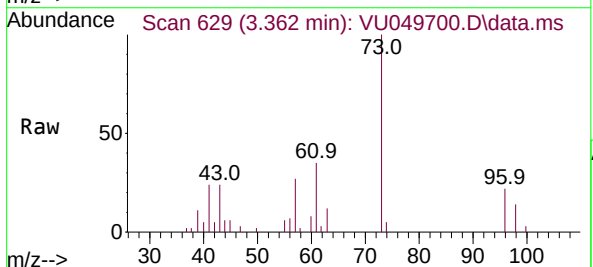
Tgt Ion: 73 Resp: 14048

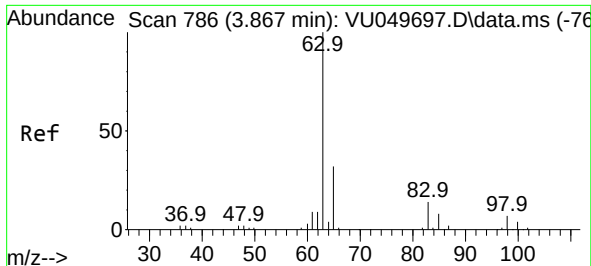
Ion Ratio Lower Upper

73 100

43 24.2 17.0 25.4

57 23.2 18.5 27.7

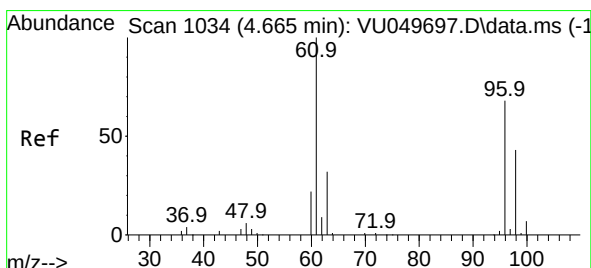
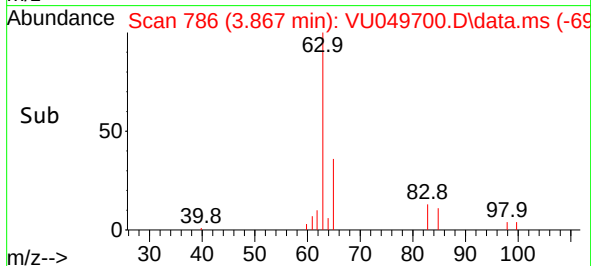
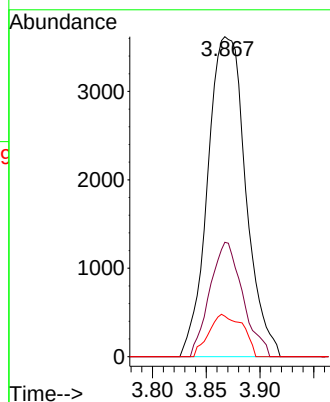
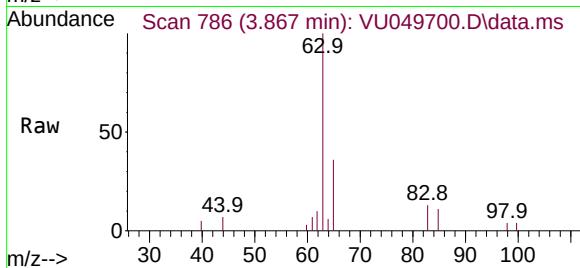




#19
1,1-Dichloroethane
Concen: 2.646 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

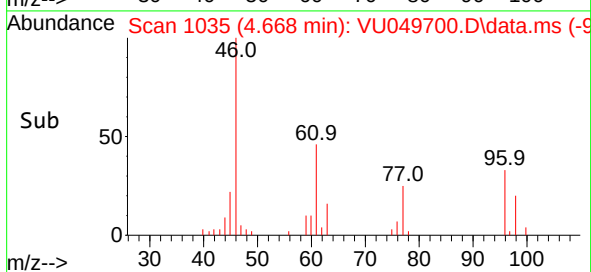
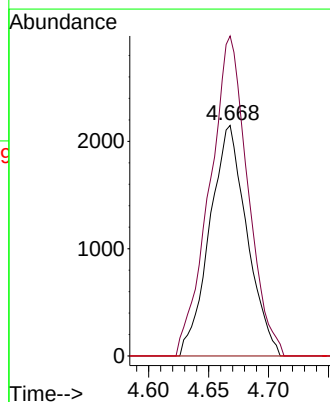
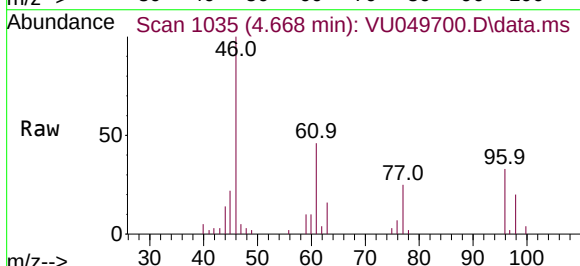
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

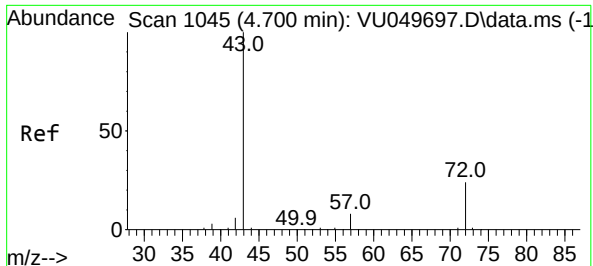
Tgt Ion:	63	Resp:	8895
Ion	Ratio	Lower	Upper
63	100		
65	35.7	22.6	42.0
83	12.7	9.2	17.2



#20
cis-1,2-Dichloroethene
Concen: 2.560 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:	96	Resp:	4646
Ion	Ratio	Lower	Upper
96	100		
61	138.8	101.1	187.7
68	0.0	0.0	0.0

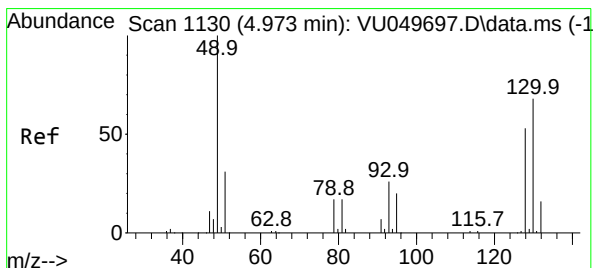
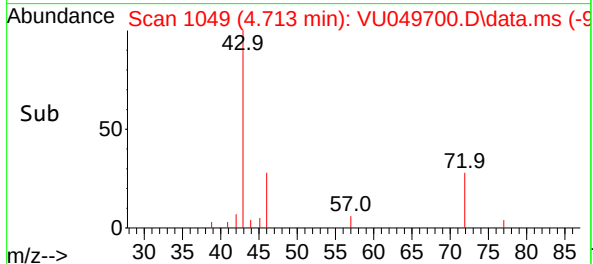
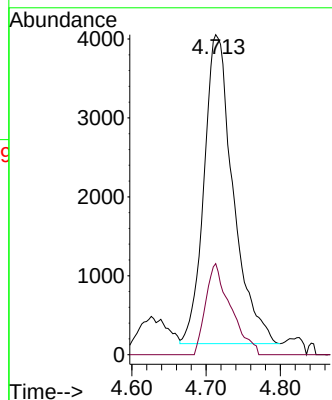
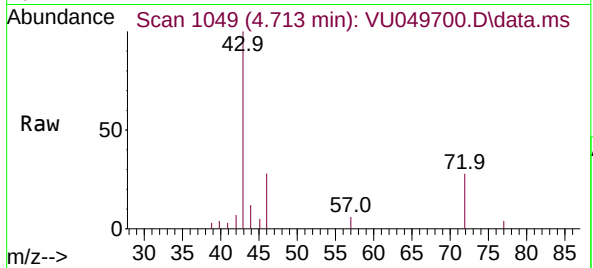




#22
2-Butanone
Concen: 5.640 ug/L
RT: 4.713 min Scan# 1045
Delta R.T. 0.013 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

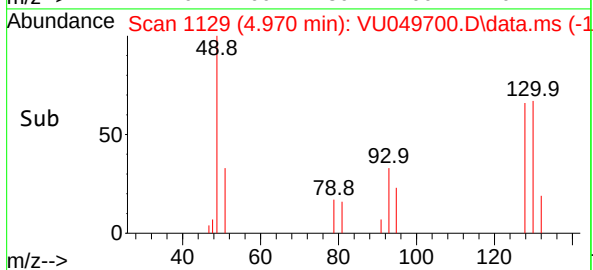
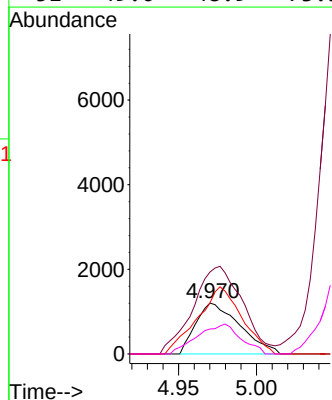
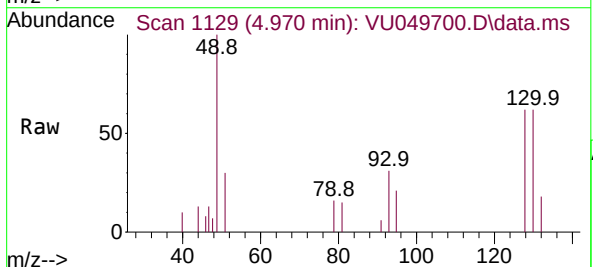
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

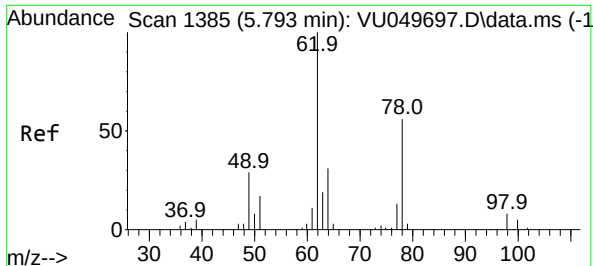
Tgt Ion: 43 Resp: 10669
Ion Ratio Lower Upper
43 100
72 25.3 12.7 38.0



#23
Bromochloromethane
Concen: 2.613 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:128 Resp: 2366
Ion Ratio Lower Upper
128 100
49 160.9 140.9 261.7
130 100.4 90.0 167.2
51 49.0 48.9 73.3





#27

1,2-Dichloroethane

Concen: 2.806 ug/L

RT: 5.793 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

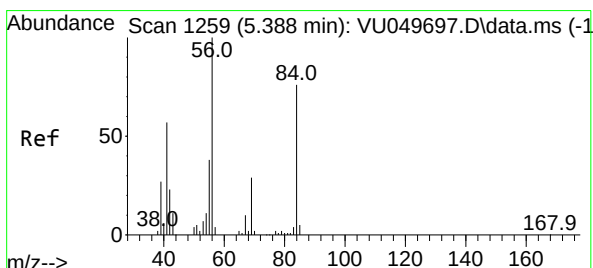
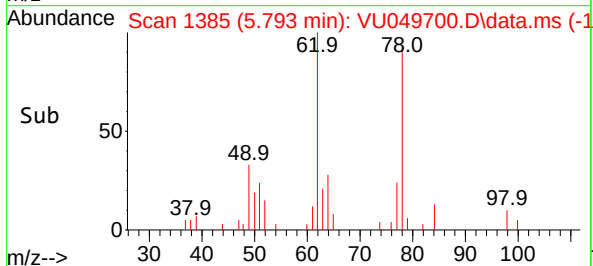
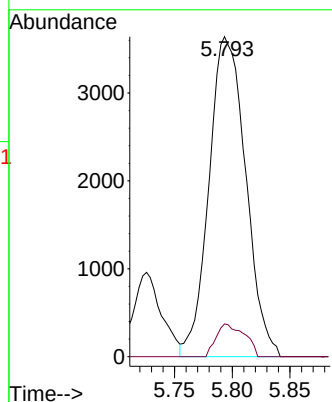
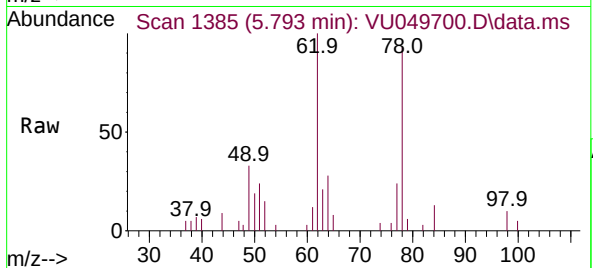
MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 8054

Ion Ratio Lower Upper

62 100

98 10.2 6.7 10.1#



#29

Cyclohexane

Concen: 2.045 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

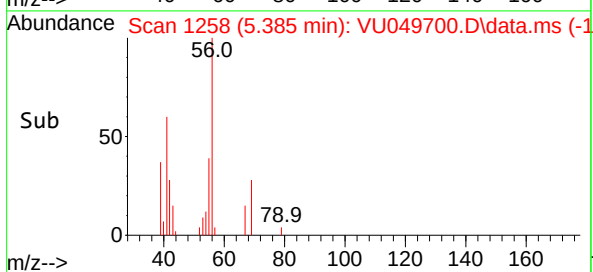
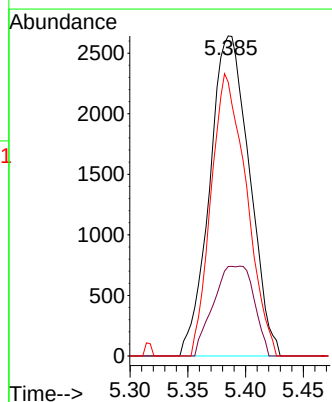
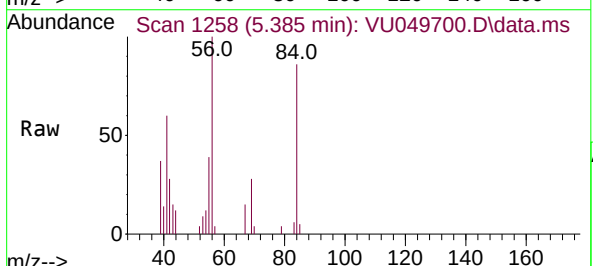
Tgt Ion: 56 Resp: 6315

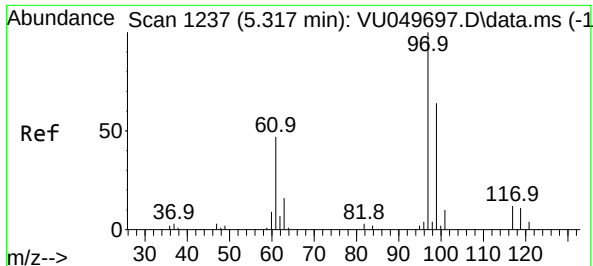
Ion Ratio Lower Upper

56 100

69 16.6 23.4 35.2#

84 78.5 63.1 94.7

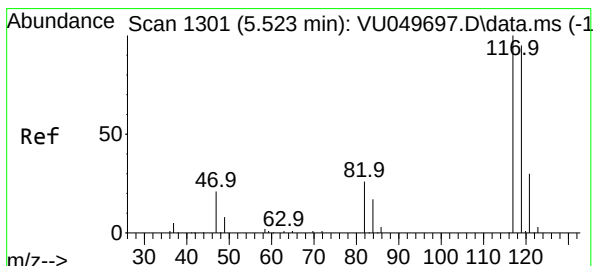
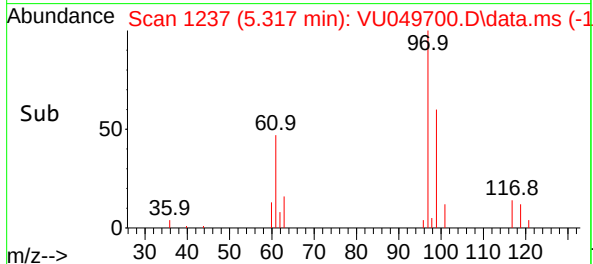
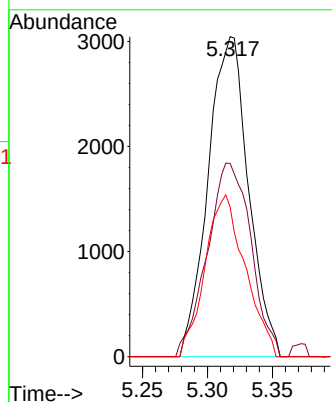
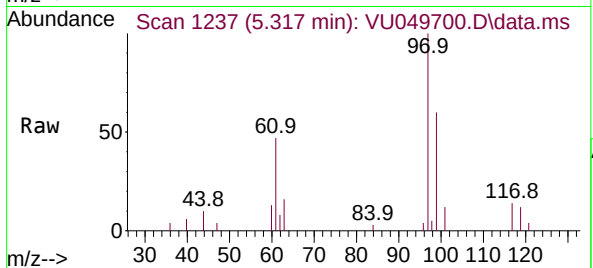




#30
1,1,1-Trichloroethane
Concen: 2.299 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

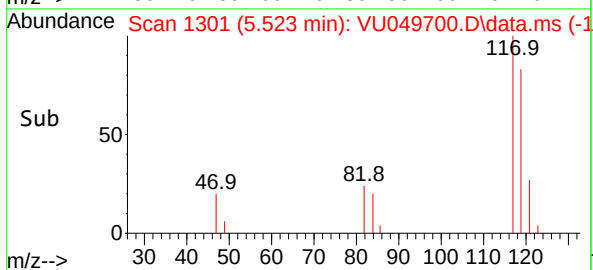
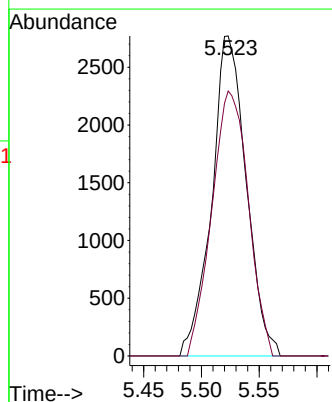
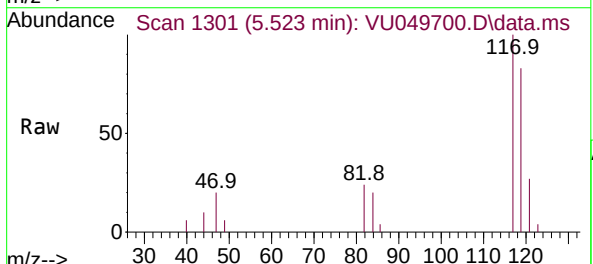
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

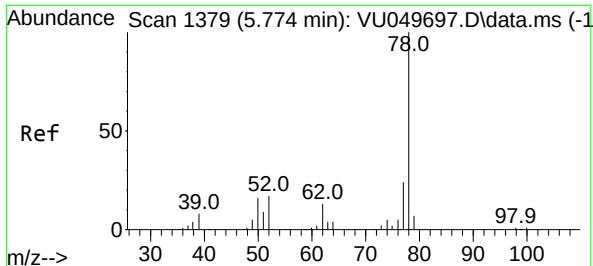
Tgt Ion: 97 Resp: 6586
Ion Ratio Lower Upper
97 100
99 65.3 51.3 76.9
61 50.2 38.2 57.2



#31
Carbon tetrachloride
Concen: 2.453 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 117 Resp: 5747
Ion Ratio Lower Upper
117 100
119 87.7 75.8 113.8

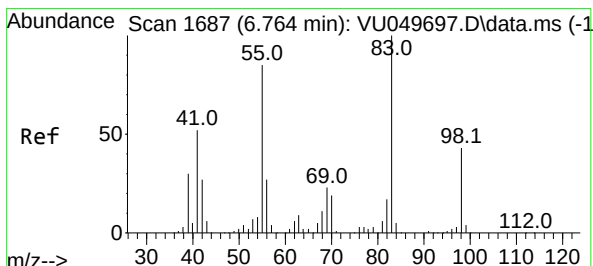
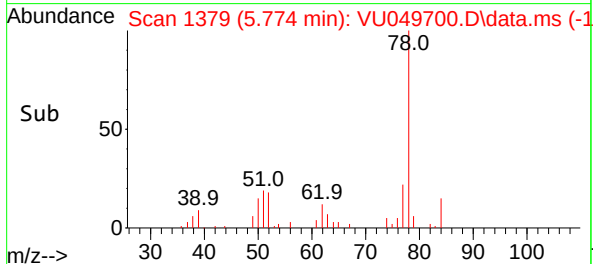
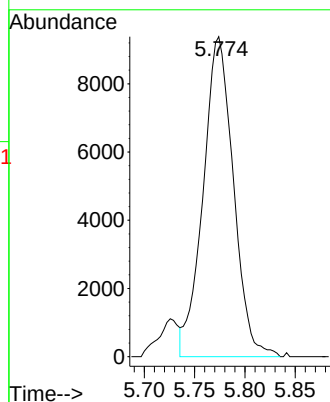
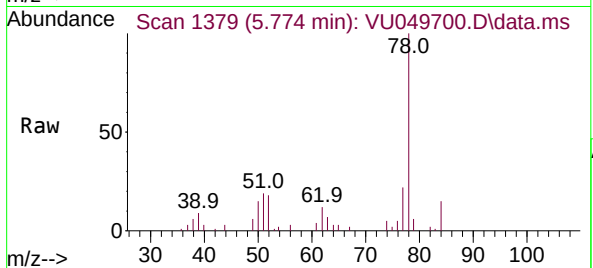




#33
Benzene
Concen: 2.640 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

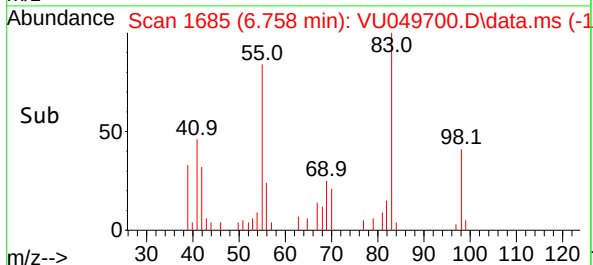
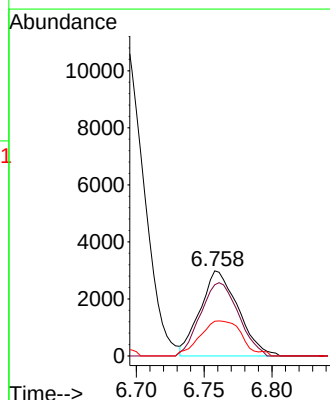
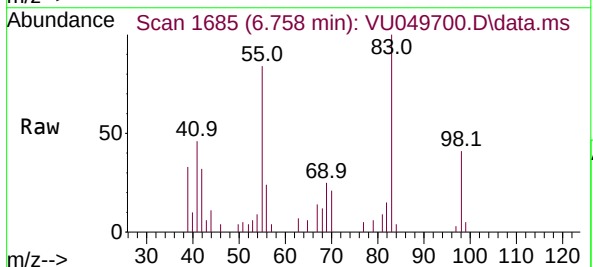
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

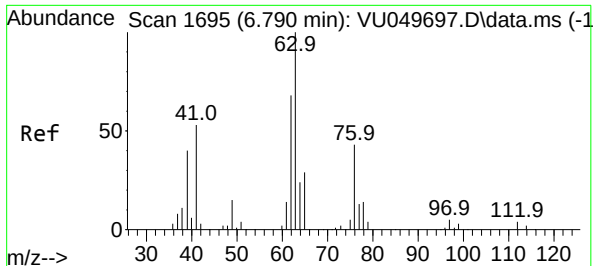
Tgt Ion: 78 Resp: 19632



#35
Methylcyclohexane
Concen: 2.054 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 83 Resp: 5803
Ion Ratio Lower Upper
83 100
55 85.8 66.0 99.0
98 44.3 34.6 51.8





#37

1,2-Dichloropropane

Concen: 2.690 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

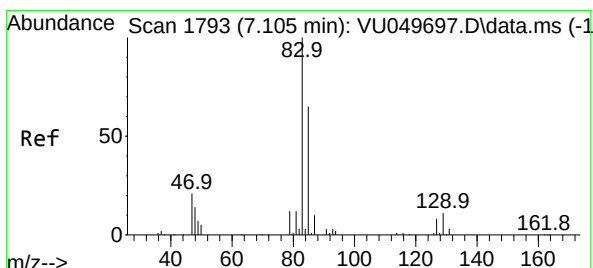
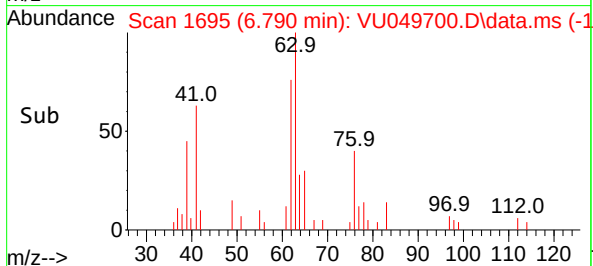
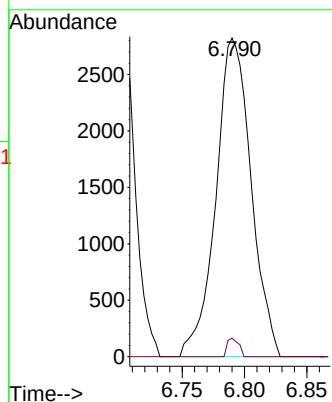
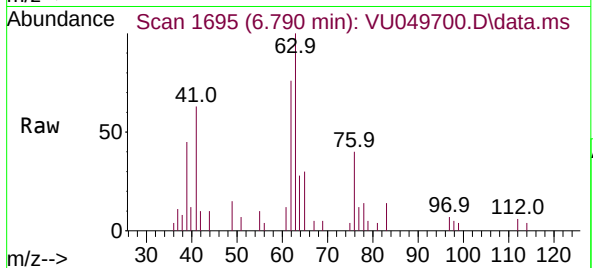
MDL-WATER-QT2-2022-04

Tgt Ion: 63 Resp: 5545

Ion Ratio Lower Upper

63 100

112 1.9 2.8 4.2#



#38

Bromodichloromethane

Concen: 2.383 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

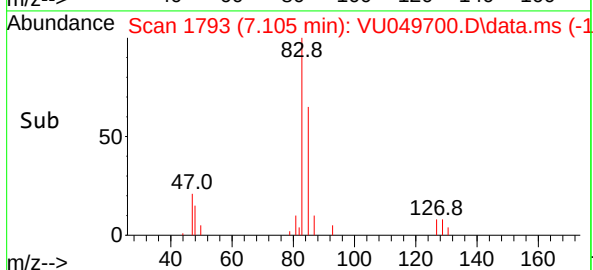
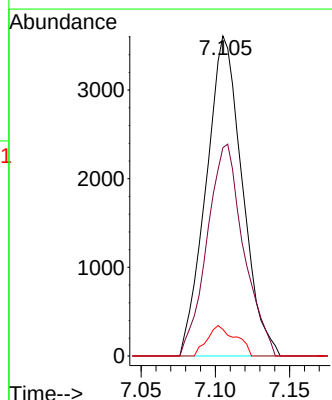
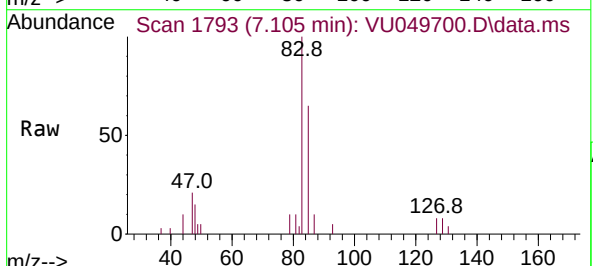
Tgt Ion: 83 Resp: 6091

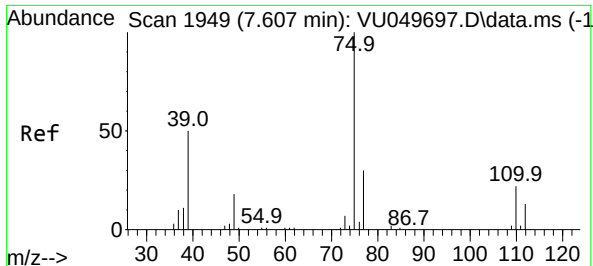
Ion Ratio Lower Upper

83 100

85 65.1 45.4 84.2

127 8.3 6.6 10.0

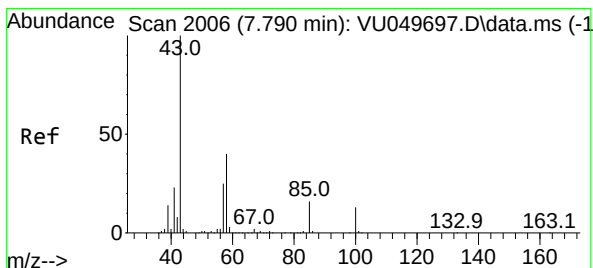
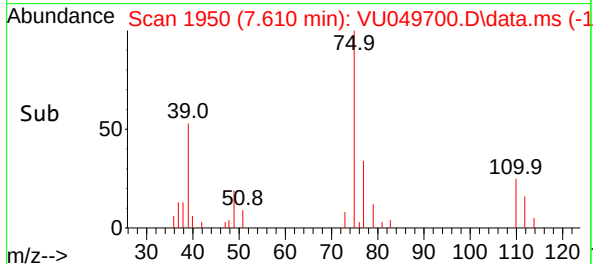
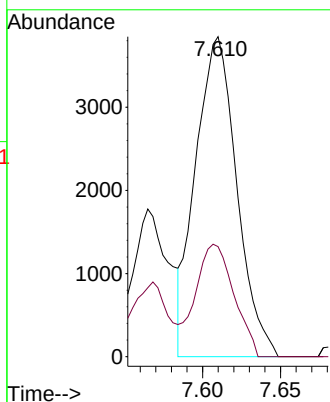
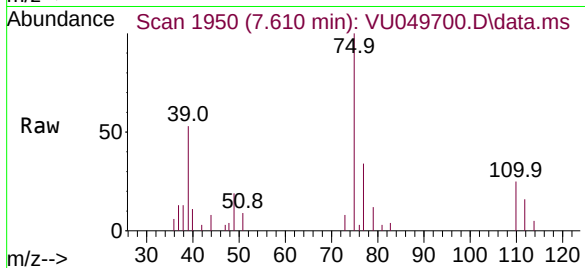




#39
 cis-1,3-Dichloropropene
 Concen: 2.542 ug/L
 RT: 7.610 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU049700.D
 Acq: 13 Jul 2022 11:58

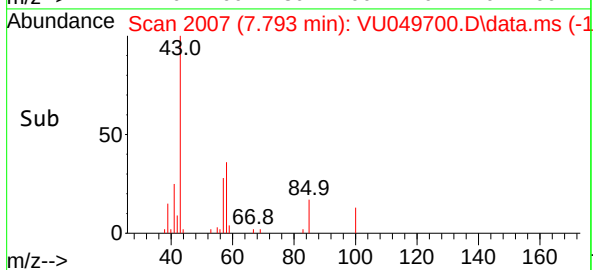
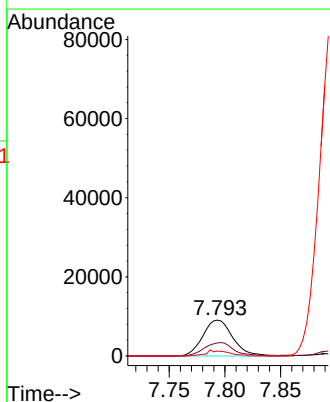
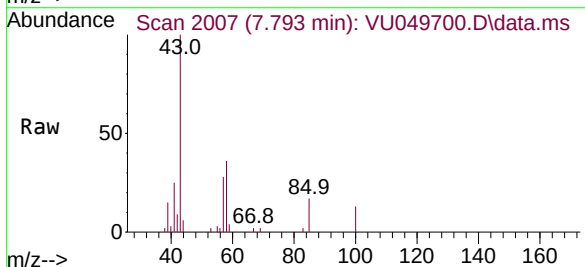
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2022-04

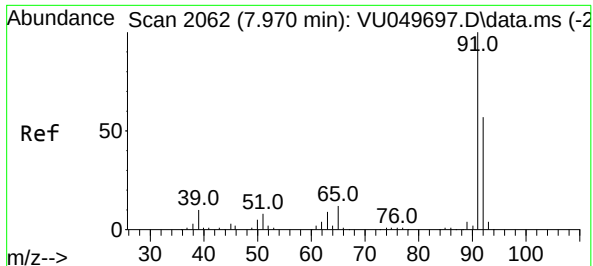
Tgt Ion: 75 Resp: 7067
 Ion Ratio Lower Upper
 75 100
 77 34.4 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 5.075 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.003 min
 Lab File: VU049700.D
 Acq: 13 Jul 2022 11:58

Tgt Ion: 43 Resp: 16935
 Ion Ratio Lower Upper
 43 100
 58 36.3 31.4 47.0
 100 4.8 10.3 15.5





#42

Toluene

Concen: 2.470 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

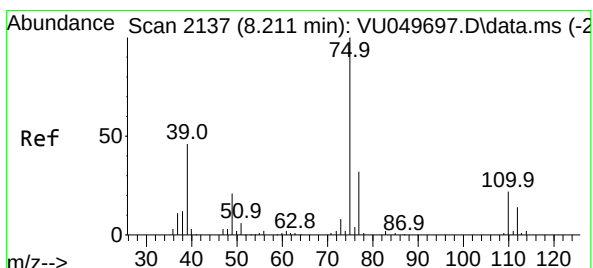
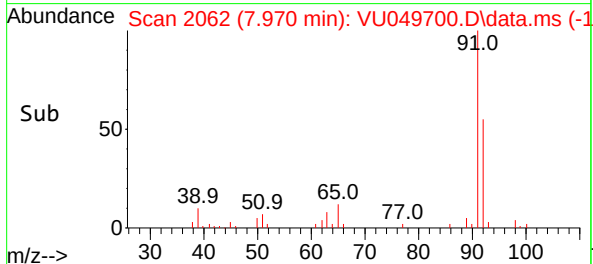
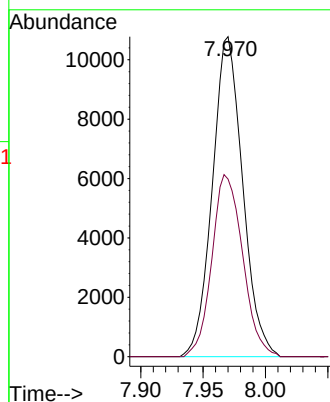
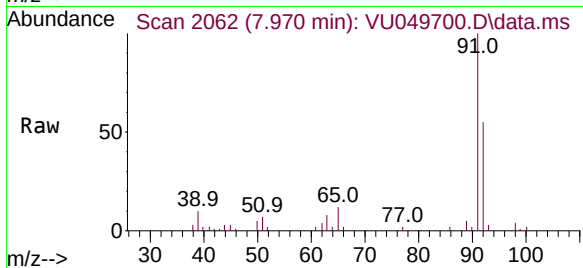
MDL-WATER-QT2-2022-04

Tgt Ion: 91 Resp: 18259

Ion Ratio Lower Upper

91 100

92 55.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 3.128 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049700.D

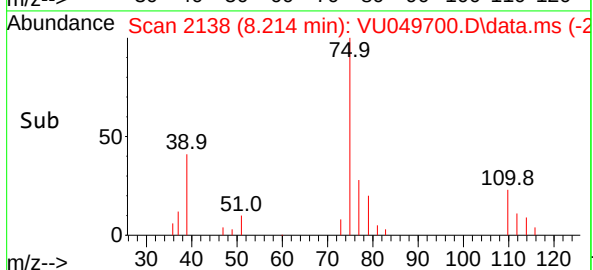
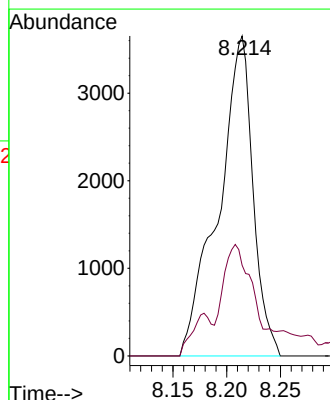
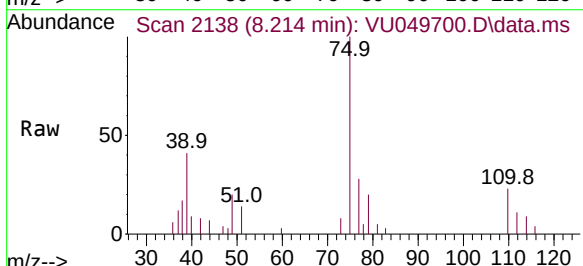
Acq: 13 Jul 2022 11:58

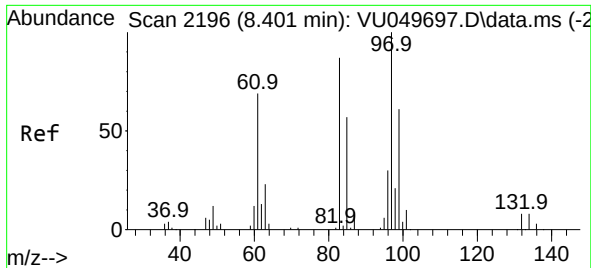
Tgt Ion: 75 Resp: 8165

Ion Ratio Lower Upper

75 100

77 28.3 22.5 41.9

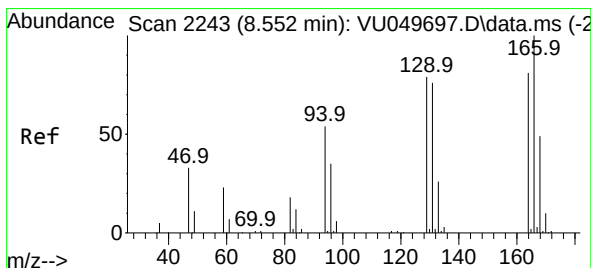
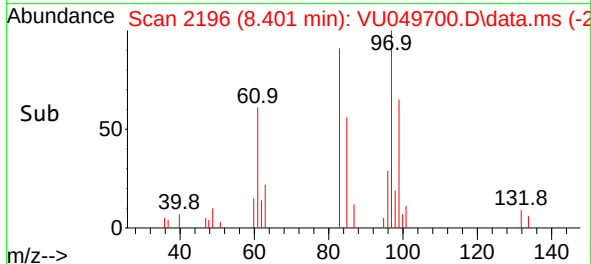
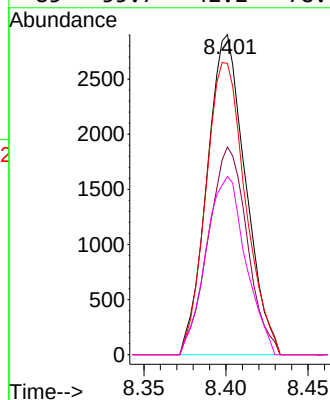
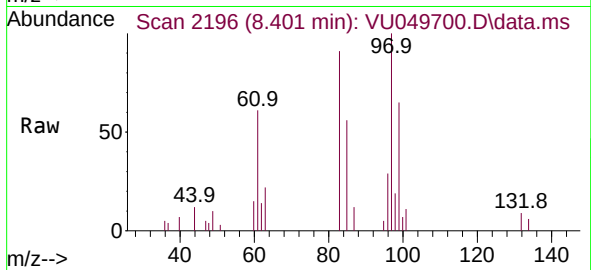




#45
1,1,2-Trichloroethane
Concen: 2.626 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

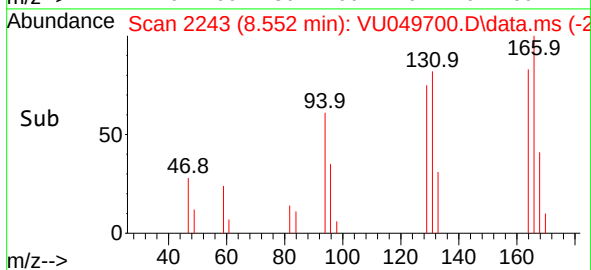
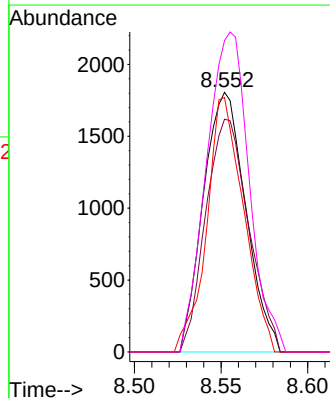
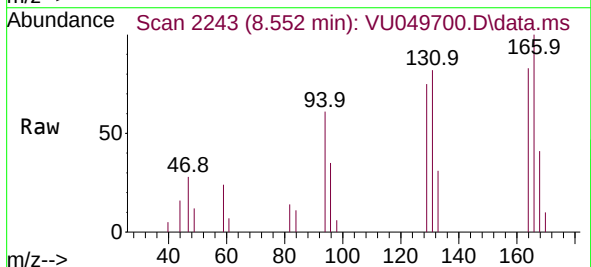
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

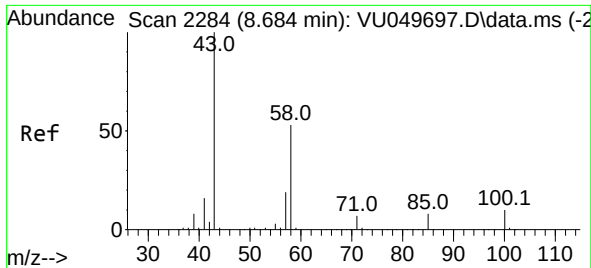
Tgt Ion:	97	Resp:	4724
Ion	Ratio	Lower	Upper
97	100		
99	64.9	44.3	82.3
83	91.0	64.0	118.8
85	55.7	42.2	78.4



#46
Tetrachloroethene
Concen: 2.462 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:	164	Resp:	3070
Ion	Ratio	Lower	Upper
164	100		
129	89.6	72.0	133.8
131	98.0	69.0	128.1
166	119.9	91.1	169.3

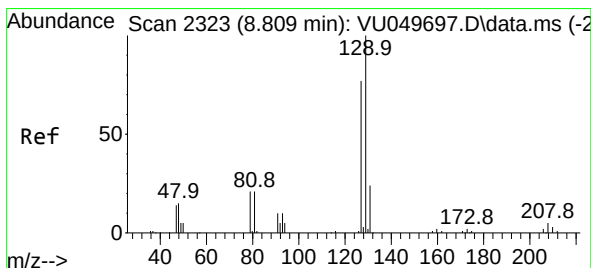
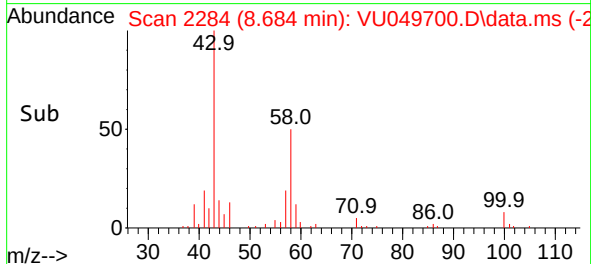
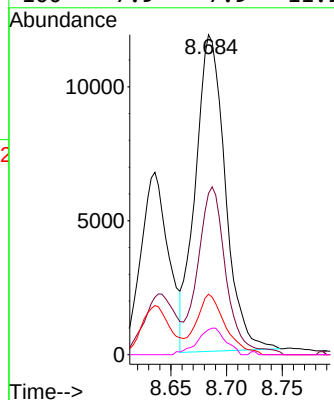
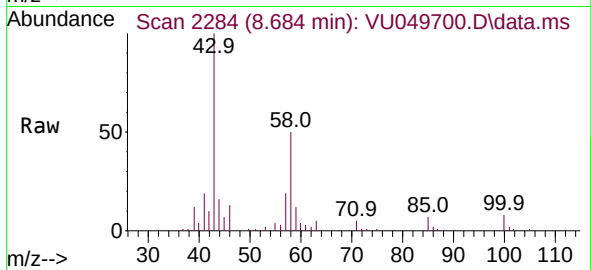




#48
2-Hexanone
Concen: 8.263 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

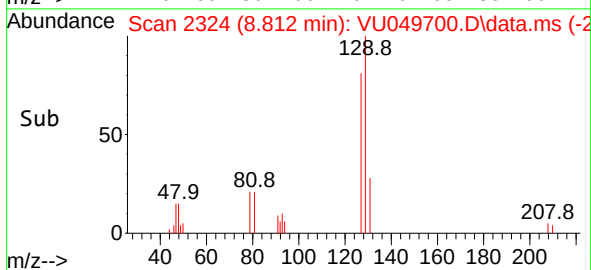
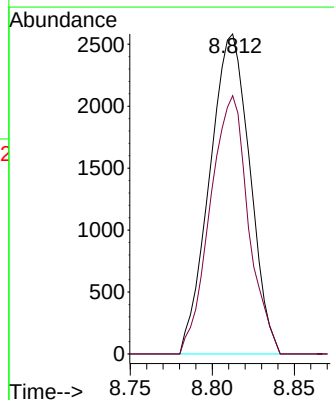
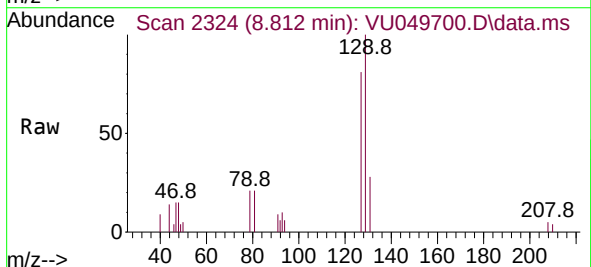
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

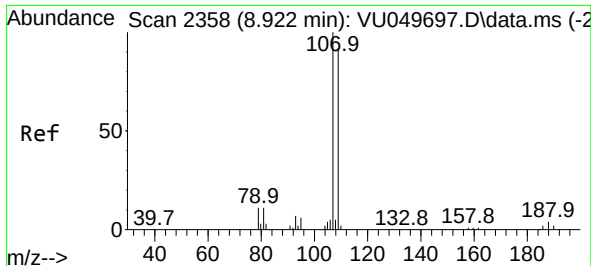
Tgt Ion: 43	Resp: 22035
Ion Ratio	Lower Upper
43 100	
58 45.9	42.6 64.0
57 18.4	15.0 22.6
100 7.9	7.9 11.9



#49
Dibromochloromethane
Concen: 2.431 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 129	Resp: 4400
Ion Ratio	Lower Upper
129 100	
127 80.7	56.9 105.7

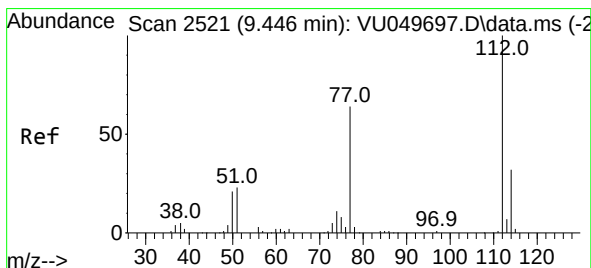
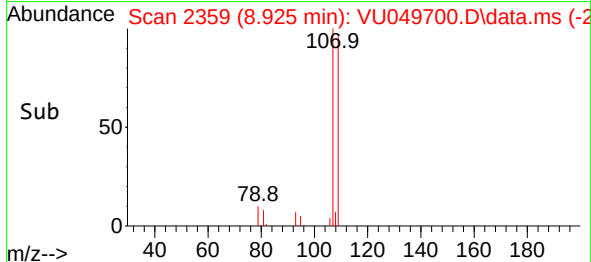
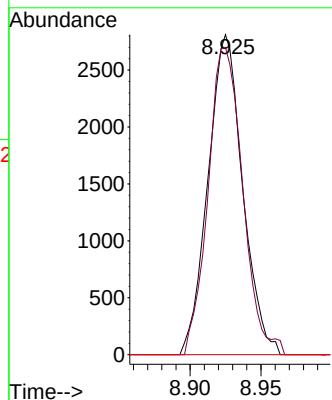
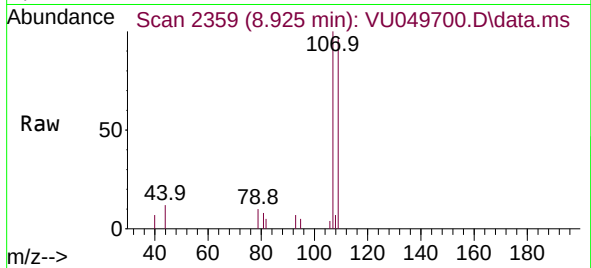




#50
1,2-Dibromoethane
Concen: 2.673 ug/L
RT: 8.925 min Scan# 2358
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

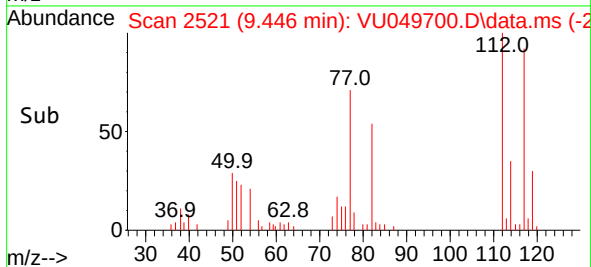
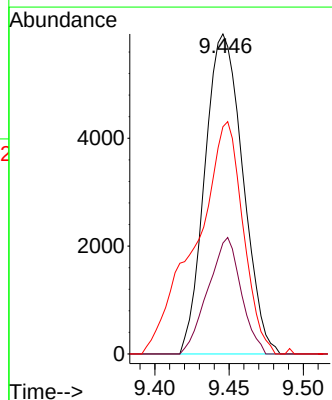
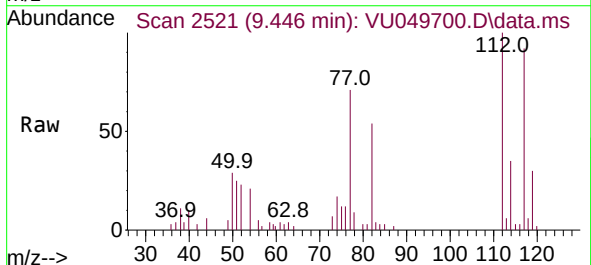
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

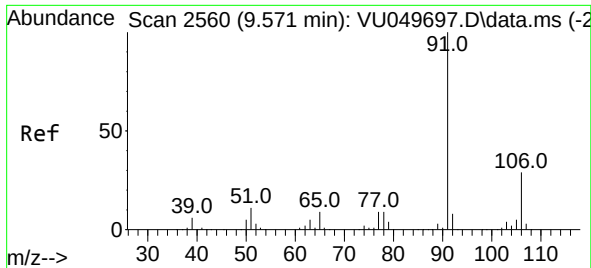
Tgt Ion:107 Resp: 4778
Ion Ratio Lower Upper
107 100
109 96.0 65.7 121.9
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 2.356 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:112 Resp: 10546
Ion Ratio Lower Upper
112 100
114 34.6 22.1 41.1
77 71.0 51.2 76.8

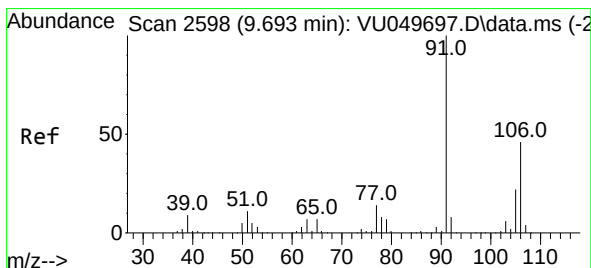
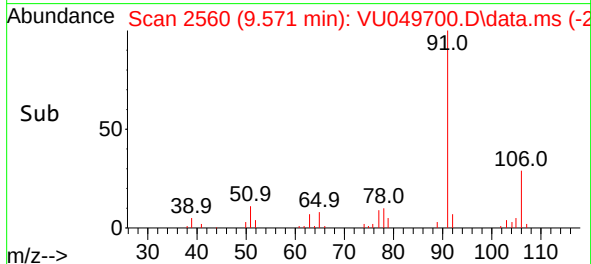
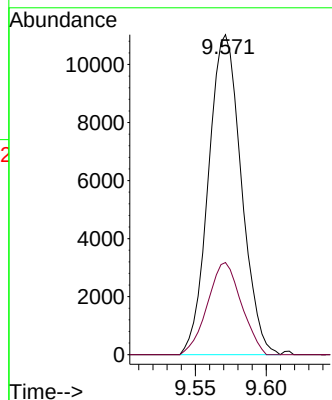
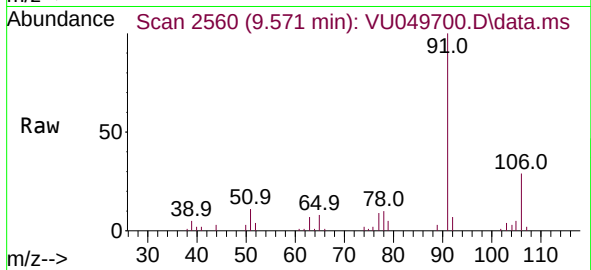




#52
Ethylbenzene
Concen: 2.279 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

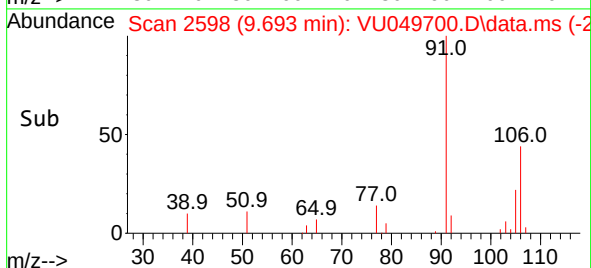
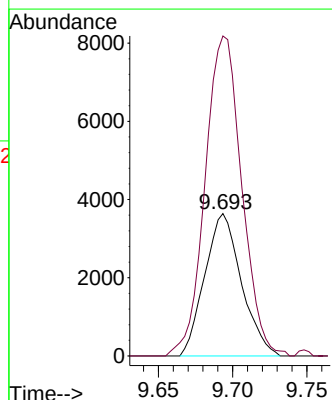
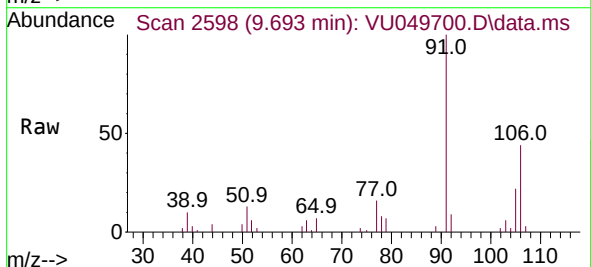
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

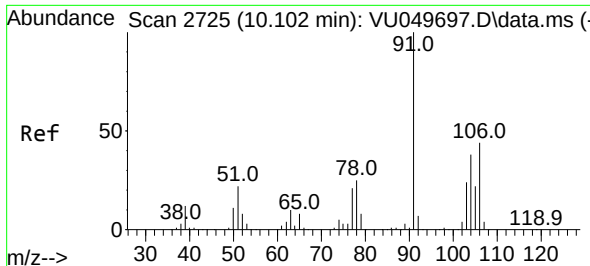
Tgt Ion: 91 Resp: 17777
Ion Ratio Lower Upper
91 100
106 28.8 21.0 39.0



#53
m,p-Xylene
Concen: 2.204 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion: 106 Resp: 6251
Ion Ratio Lower Upper
106 100
91 224.7 151.7 281.7

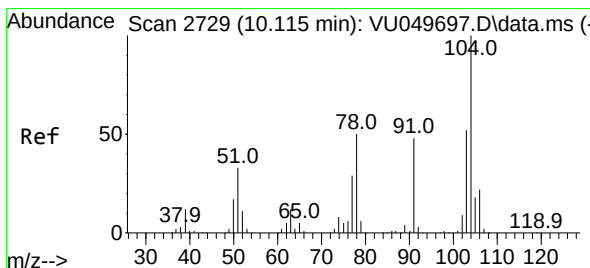
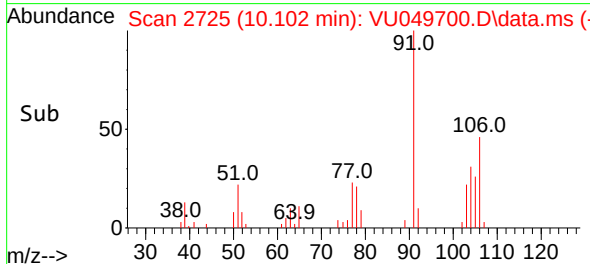
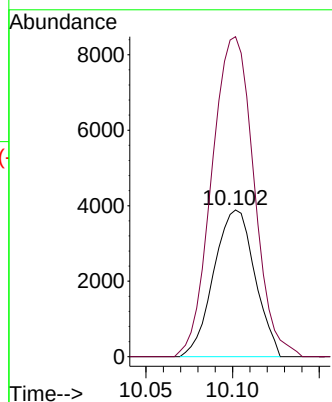
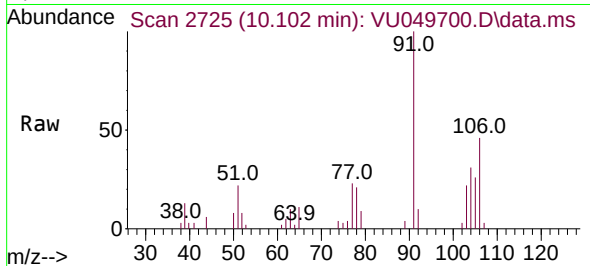




#54
o-Xylene
Concen: 2.240 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

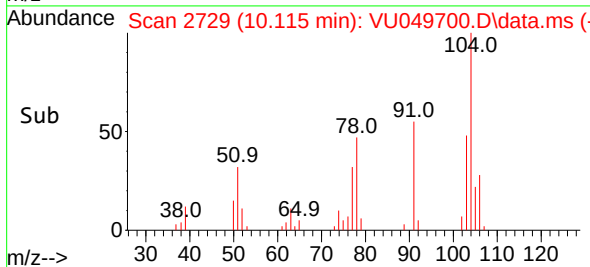
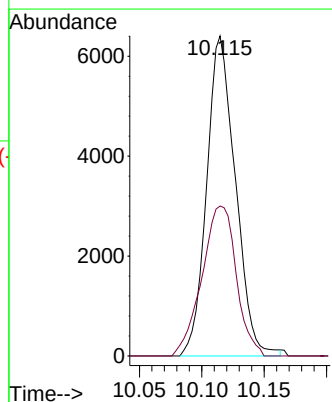
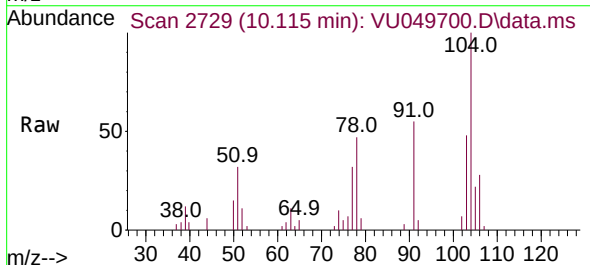
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

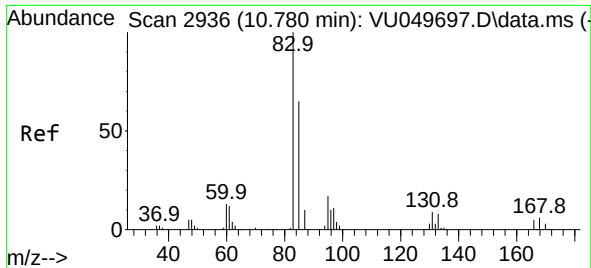
Tgt Ion:106 Resp: 6398
Ion Ratio Lower Upper
106 100
91 218.0 156.9 291.5



#55
Styrene
Concen: 2.184 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:104 Resp: 10294
Ion Ratio Lower Upper
104 100
78 46.9 36.1 67.1

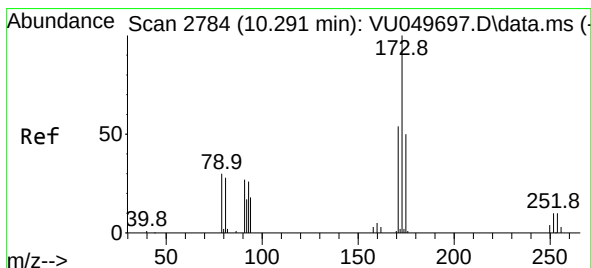
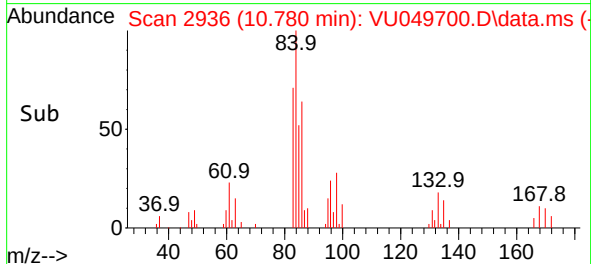
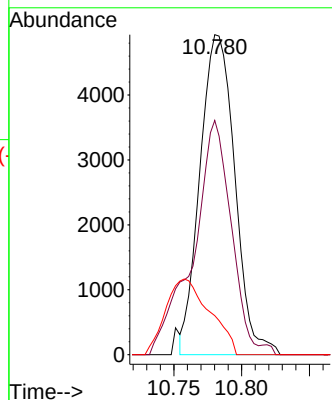
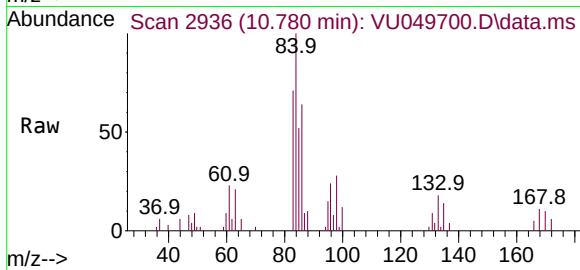




#57
1,1,2,2-Tetrachloroethane
Concen: 2.738 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

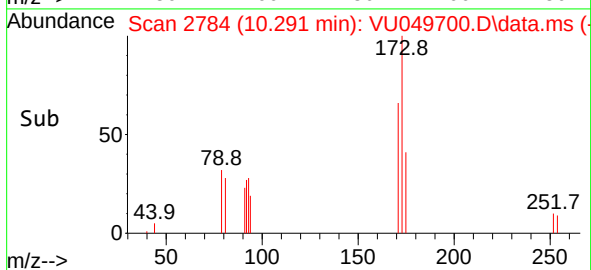
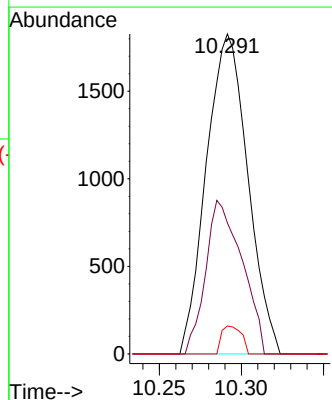
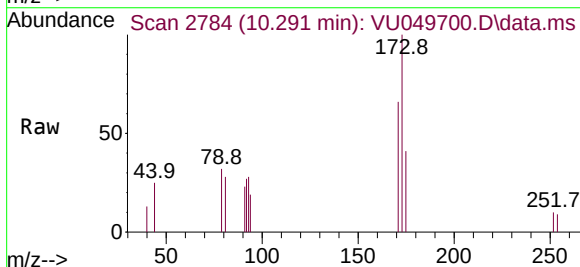
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2022-04

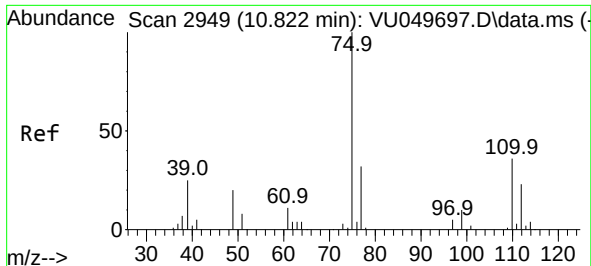
Tgt Ion:	83	Resp:	8819
Ion Ratio	Lower	Upper	
83	100		
85	73.2	45.0	83.6
131	17.4	7.0	10.6



#59
Bromoform
Concen: 2.670 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:	173	Resp:	3205
Ion Ratio	Lower	Upper	
173	100		
175	42.0	38.6	58.0
254	4.1	7.4	11.0

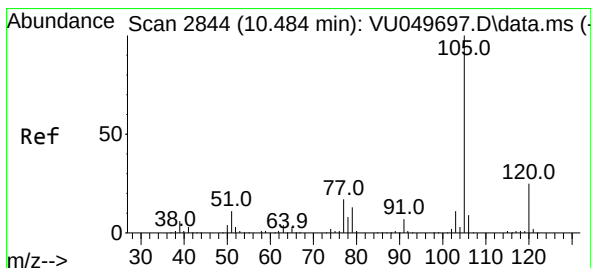
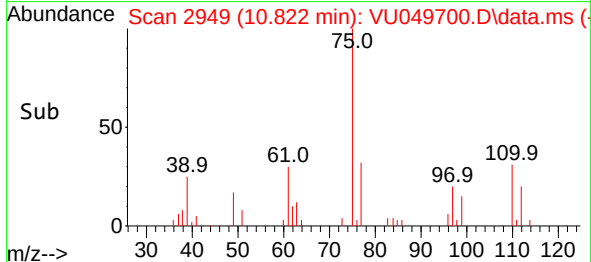
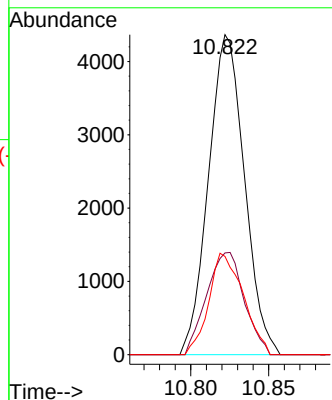
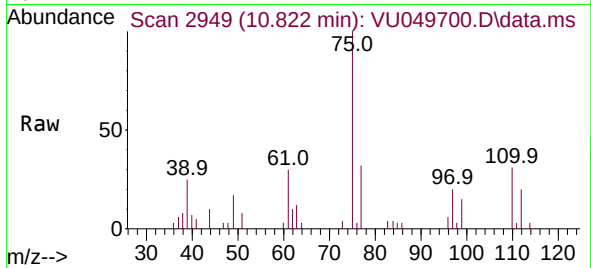




#60
1,2,3-Trichloropropane
Concen: 2.936 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

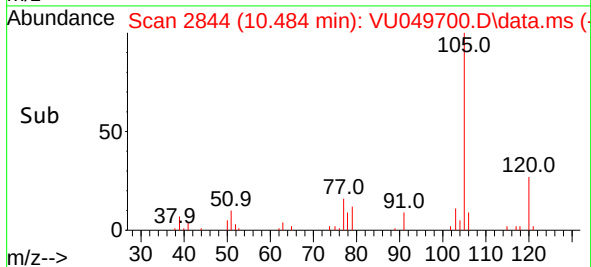
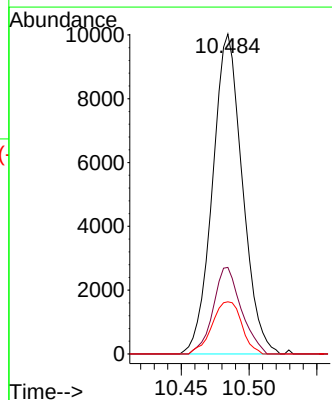
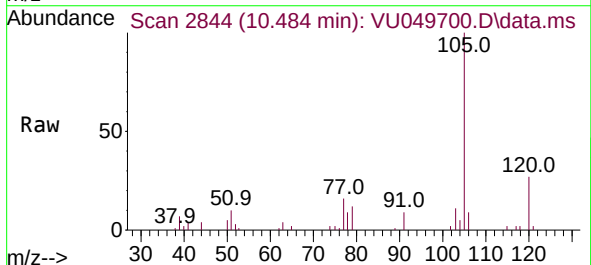
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

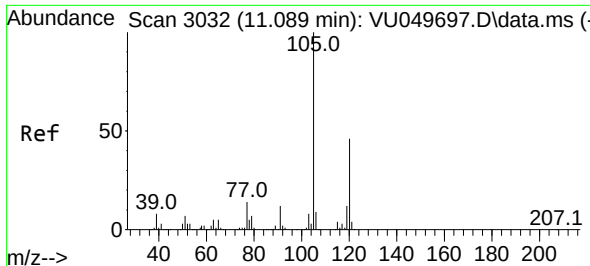
Tgt Ion:	75	Resp:	6997
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.5	38.3
110	30.5	28.9	43.3



#61
Isopropylbenzene
Concen: 2.297 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:	105	Resp:	15348
Ion	Ratio	Lower	Upper
105	100		
120	25.4	19.9	29.9
77	16.2	13.8	20.8





#62

1,3,5-Trimethylbenzene

Concen: 2.148 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

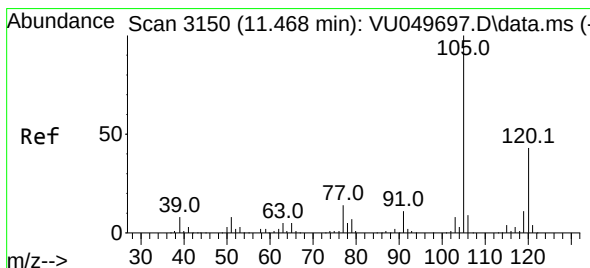
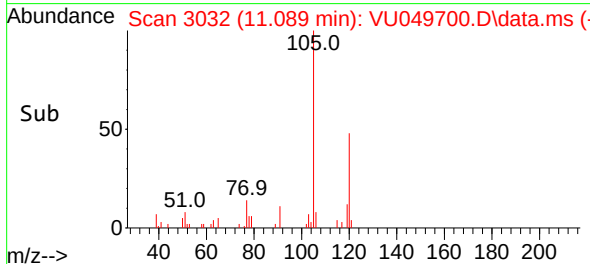
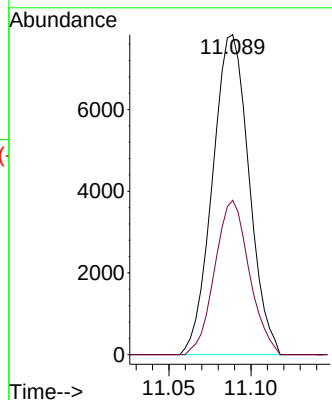
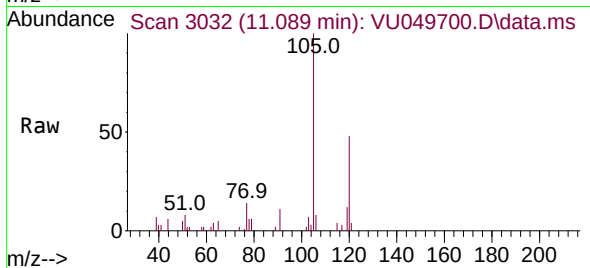
MDL-WATER-QT2-2022-04

Tgt Ion:105 Resp: 12109

Ion Ratio Lower Upper

105 100

120 45.6 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 2.024 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049700.D

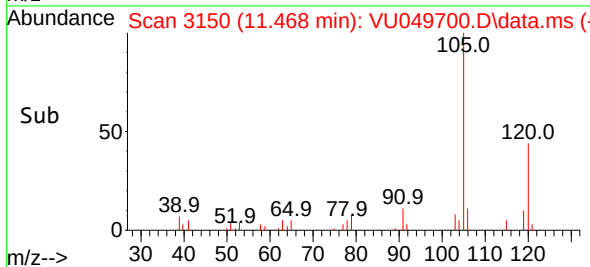
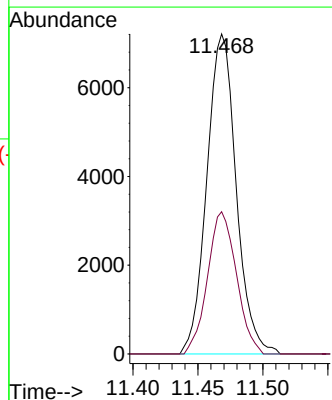
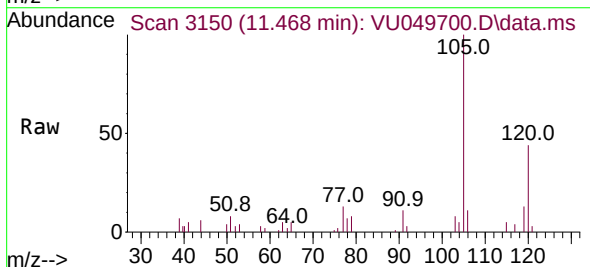
Acq: 13 Jul 2022 11:58

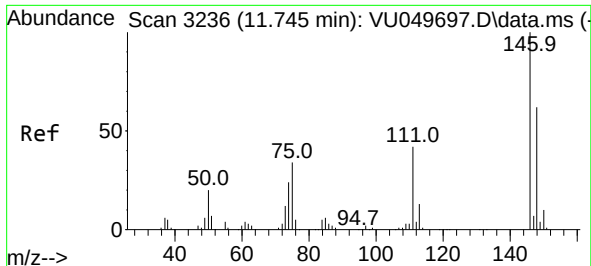
Tgt Ion:105 Resp: 11331

Ion Ratio Lower Upper

105 100

120 43.7 33.9 50.9

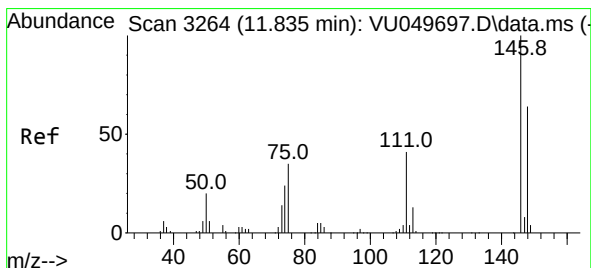
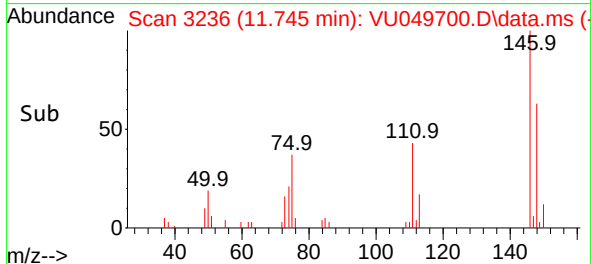
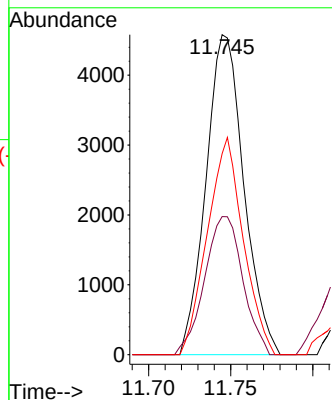
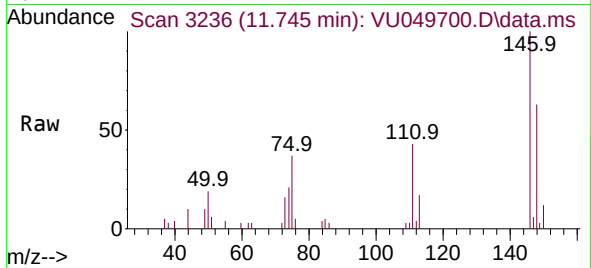




#64
1,3-Dichlorobenzene
Concen: 2.518 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

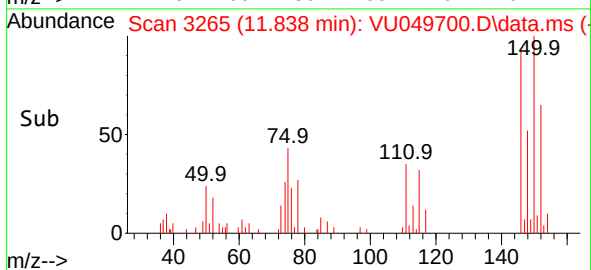
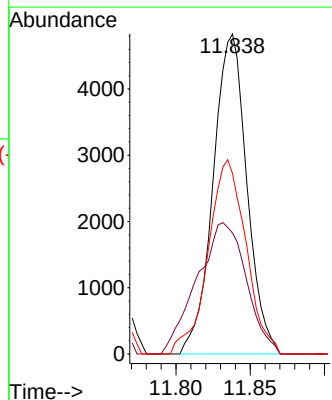
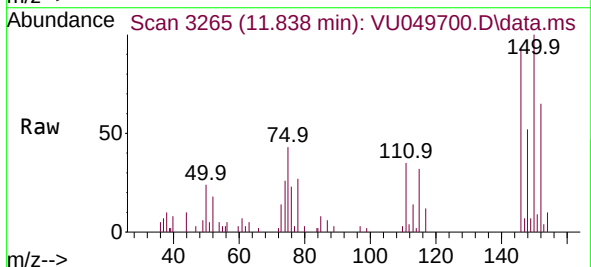
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

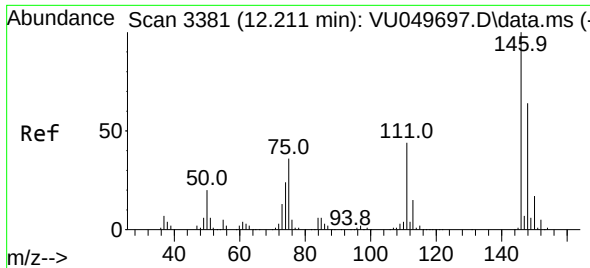
Tgt Ion:146	Resp:	7345
Ion	Ratio	Lower Upper
146	100	
111	43.1	30.0 55.6
148	65.9	45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 2.607 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:146	Resp:	7638
Ion	Ratio	Lower Upper
146	100	
111	42.0	29.1 54.1
148	56.3	44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 2.675 ug/L

RT: 12.214 min Scan# 311

Delta R.T. 0.003 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2022-04

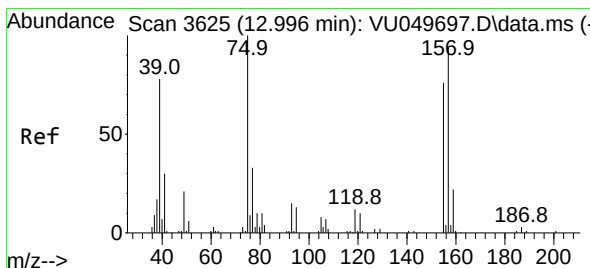
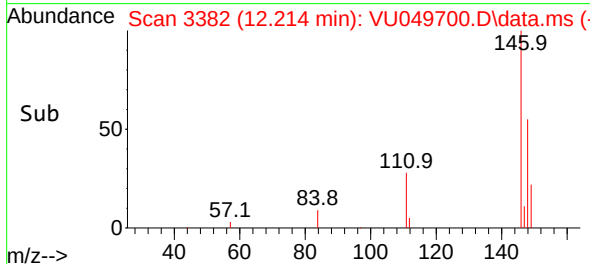
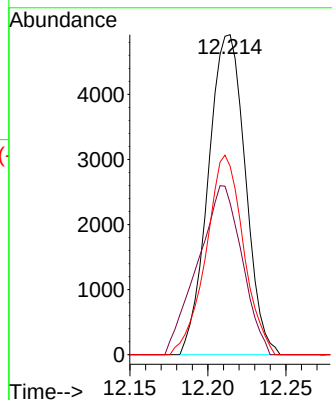
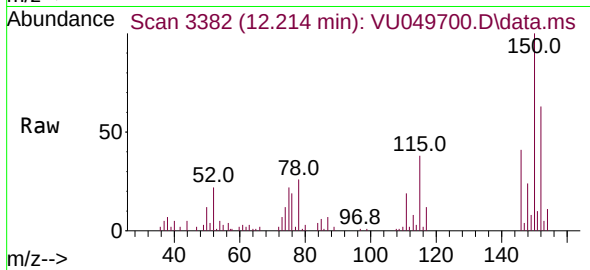
Tgt Ion:146 Resp: 8113

Ion Ratio Lower Upper

146 100

111 52.3 35.8 53.8

148 58.9 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 2.368 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

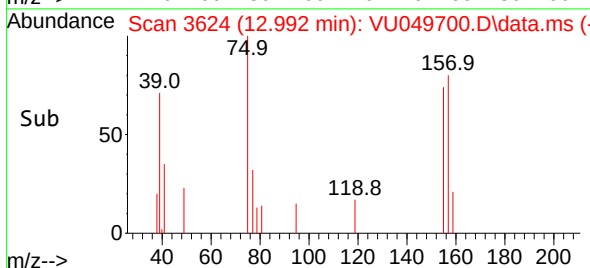
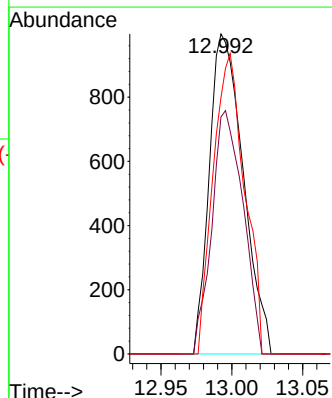
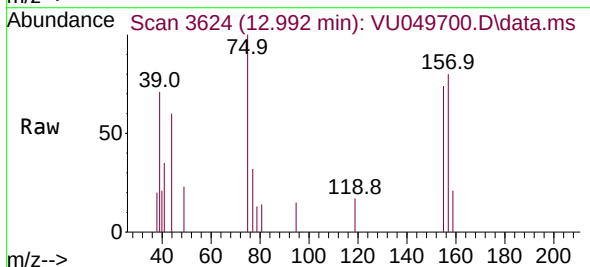
Tgt Ion: 75 Resp: 1654

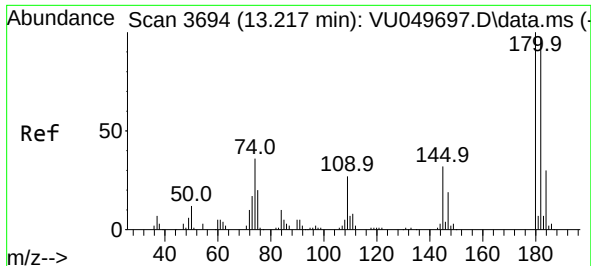
Ion Ratio Lower Upper

75 100

155 74.1 57.7 86.5

157 80.1 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 2.003 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.624 min

Lab File: VU049700.D

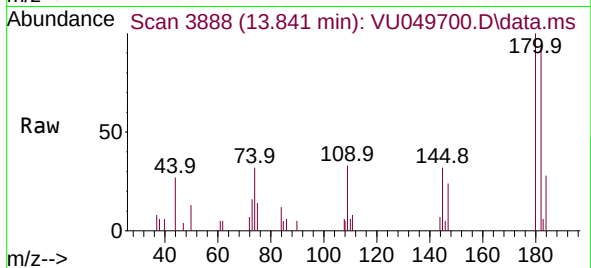
Acq: 13 Jul 2022 11:58

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2022-04



Tgt Ion:180 Resp: 4093

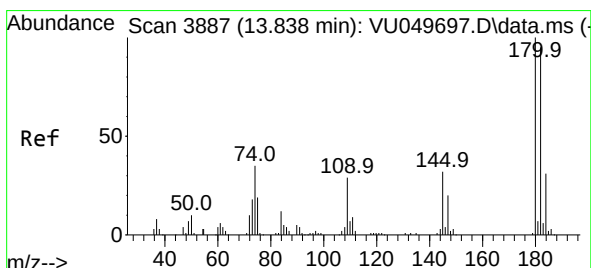
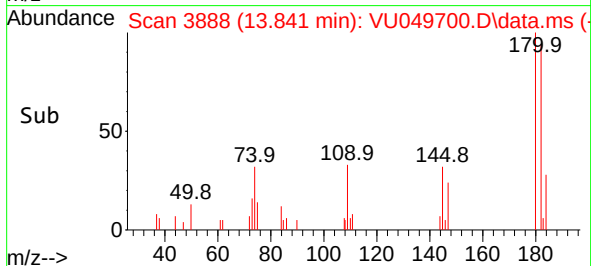
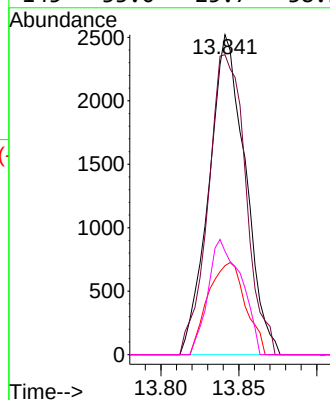
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

184 29.6 24.0 36.0

145 33.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 2.182 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU049700.D

Acq: 13 Jul 2022 11:58

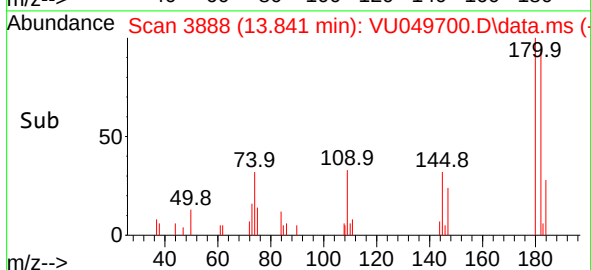
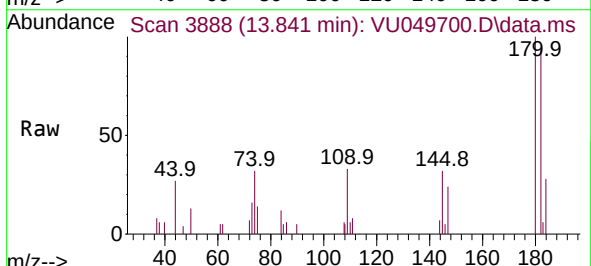
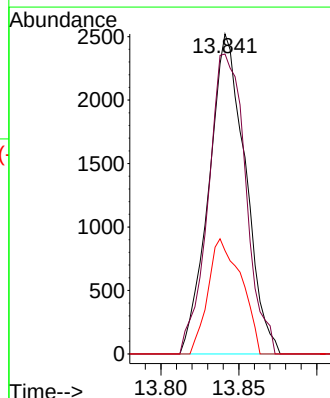
Tgt Ion:180 Resp: 4093

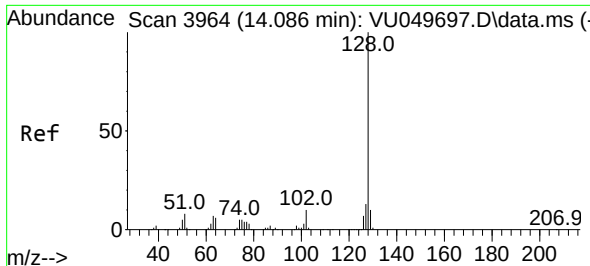
Ion Ratio Lower Upper

180 100

182 96.4 74.8 112.2

145 33.0 24.7 37.1

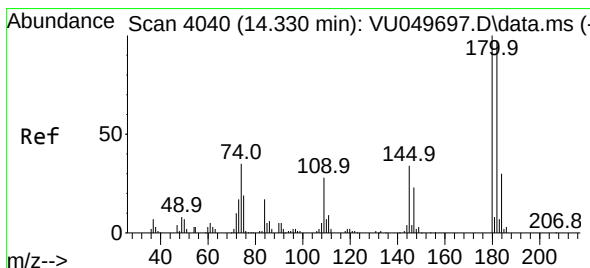
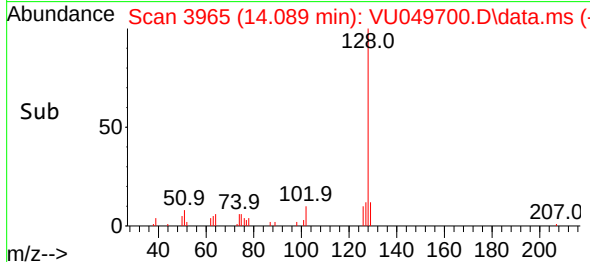
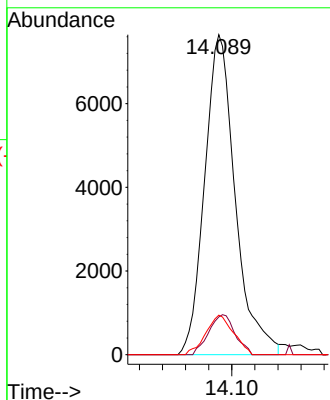
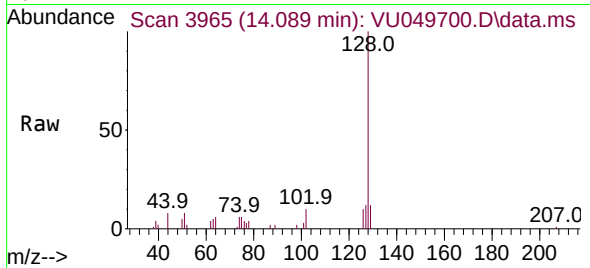




#71
Naphthalene
Concen: 2.098 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2022-04

Tgt Ion:128	Resp:	14069
Ion Ratio	Lower	Upper
128	100	
127	10.7	10.2 15.4
129	11.1	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 2.159 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049700.D
Acq: 13 Jul 2022 11:58

Tgt Ion:180	Resp:	4195
Ion Ratio	Lower	Upper
180	100	
182	110.0	76.6 115.0
145	34.8	27.1 40.7

