

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026952.D
 Acq On : 26 Jul 2022 15:18
 Operator : SY/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 27 01:41:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	510743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	516600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	233896	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	189006	44.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.240%
7) Chloroethane-d5	1.564	69	161929	46.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.460%
11) 1,1-Dichloroethene-d2	2.101	63	264713	34.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.700%
21) 2-Butanone-d5	3.886	46	289669	100.323	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	4.342	84	391352	46.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	5.024	65	239042	49.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
32) Benzene-d6	5.043	84	768699	49.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	6.066	67	256599	50.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.980%
41) Toluene-d8	7.313	98	638944	46.764	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	7.619	79	102207	48.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.940%
47) 2-Hexanone-d5	8.088	63	194707	88.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	371420	48.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	11.622	152	246580	56.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	10396	1.970	ug/L	99
3) Chloromethane	1.236	50	10435	2.115	ug/L	97
5) Vinyl chloride	1.307	62	11658	2.223	ug/L #	72
6) Bromomethane	1.516	94	7345	2.318	ug/L	99
8) Chloroethane	1.581	64	6642	2.155	ug/L	97
9) Trichlorofluoromethane	1.748	101	15383	2.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	11468	2.713	ug/L	87
12) 1,1-Dichloroethene	2.111	96	10592	2.682	ug/L #	1
13) Acetone	2.179	43	11011	5.431	ug/L	90
14) Carbon disulfide	2.288	76	22989	2.040	ug/L	99
15) Methyl Acetate	2.436	43	10265	2.296	ug/L	93
16) Methylene chloride	2.503	84	19118	3.798	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	8546	2.048	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	24135	2.082	ug/L	96
19) 1,1-Dichloroethane	3.185	63	16493	2.146	ug/L	93
20) cis-1,2-Dichloroethene	3.908	96	10054	2.286	ug/L	93
23) Bromochloromethane	4.256	128	5430	2.156	ug/L	94
27) 1,2-Dichloroethane	5.137	62	12581	2.175	ug/L	96
29) Cyclohexane	4.670	56	9730	1.801	ug/L	97

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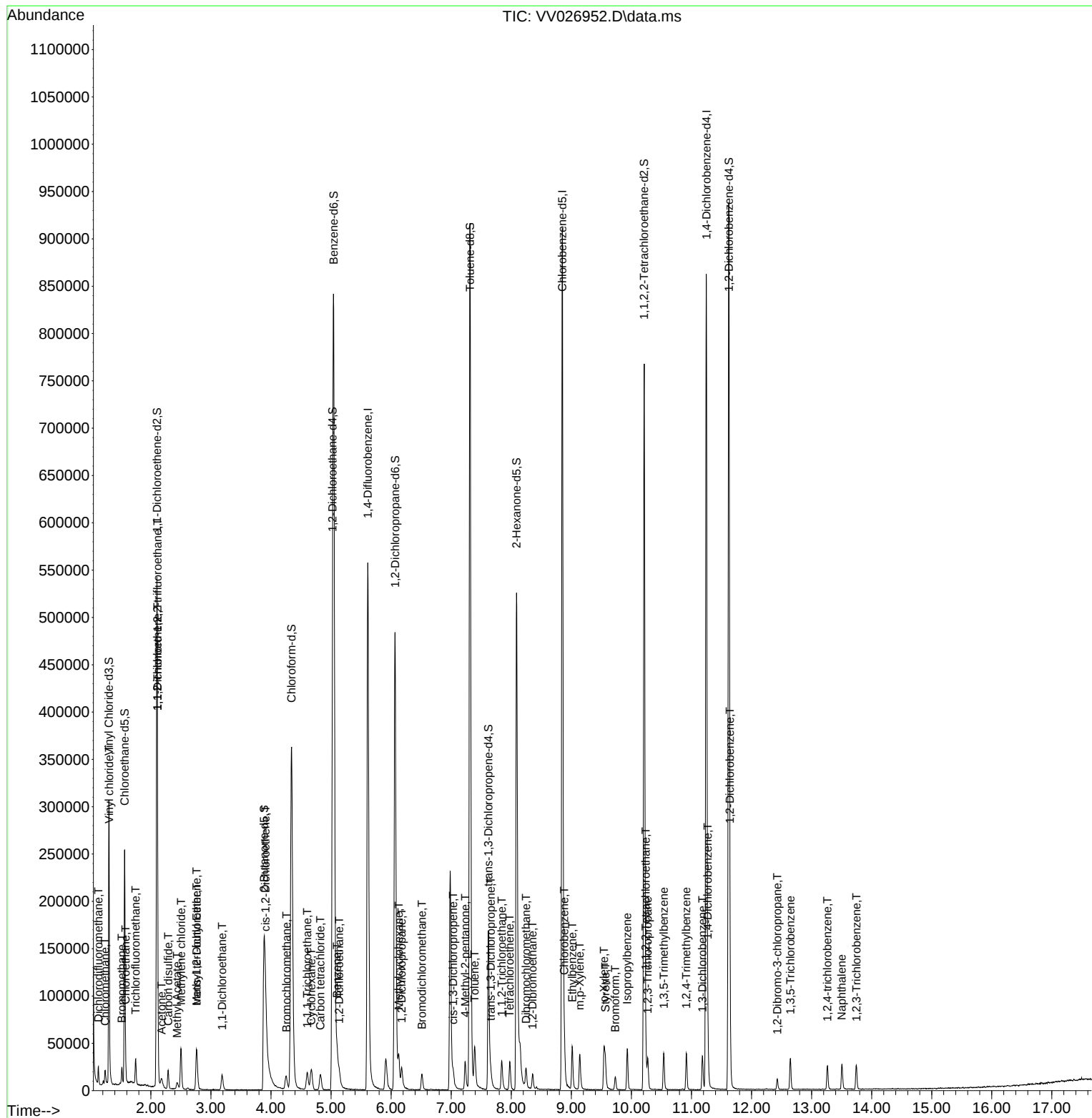
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.603	97	14348	2.102	ug/L	97
31) Carbon tetrachloride	4.822	117	12710	2.127	ug/L	96
33) Benzene	5.098	78	35517	2.138	ug/L	100
35) Methylcyclohexane	6.127	83	12143	1.921	ug/L	99
37) 1,2-Dichloropropane	6.175	63	9917	2.294	ug/L #	93
38) Bromodichloromethane	6.513	83	12467	2.127	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	13011	2.168	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	19094	3.711	ug/L	98
42) Toluene	7.391	91	35449	2.090	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	12510	2.114	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	11089	2.408	ug/L	97
46) Tetrachloroethene	7.976	164	6811	2.045	ug/L	96
49) Dibromochloromethane	8.246	129	10355	2.152	ug/L	92
50) 1,2-Dibromoethane	8.355	107	10621	2.254	ug/L #	97
51) Chlorobenzene	8.882	112	25232	2.135	ug/L	98
52) Ethylbenzene	9.014	91	32001	1.818	ug/L	99
53) m,p-Xylene	9.140	106	11665	1.693	ug/L	96
54) o-Xylene	9.545	106	11479	1.729	ug/L	92
55) Styrene	9.567	104	18810	1.605	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	18581	2.500	ug/L #	98
59) Bromoform	9.731	173	6700	2.564	ug/L	98
60) Isopropylbenzene	9.931	105	27002	1.953	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	13254	2.824	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	21528	1.916	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	20739	1.841	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	15504	2.195	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	16446	2.198	ug/L	91
67) 1,2-Dichlorobenzene	11.641	146	19106	2.637	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	3140	2.504	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	10565	2.113	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	8161	1.937	ug/L	95
71) Naphthalene	13.503	128	23378	1.765	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	8476	1.929	ug/L	97

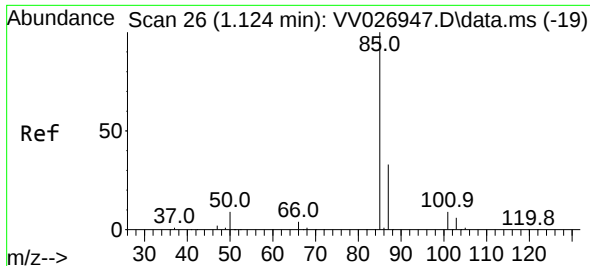
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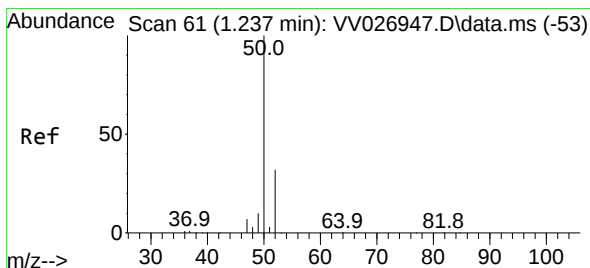
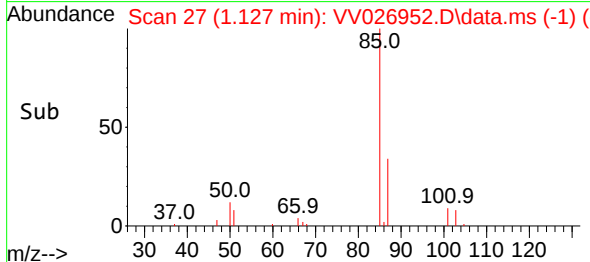
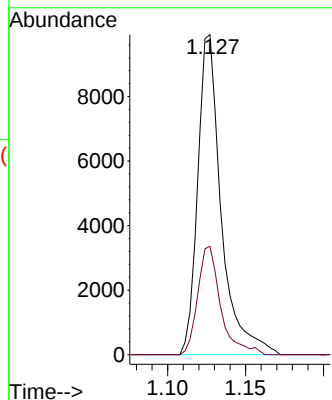
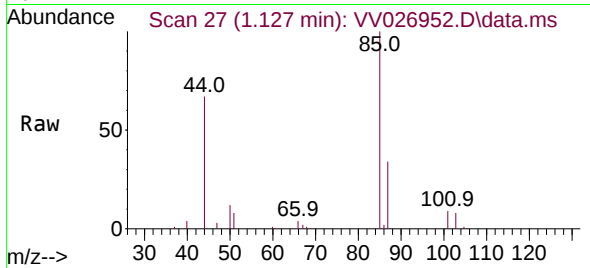




#2
 Dichlorodifluoromethane
 Concen: 1.970 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

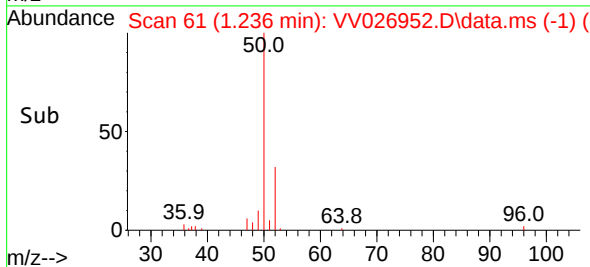
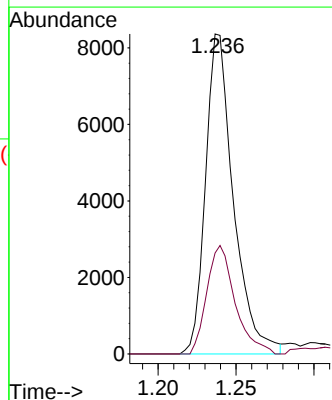
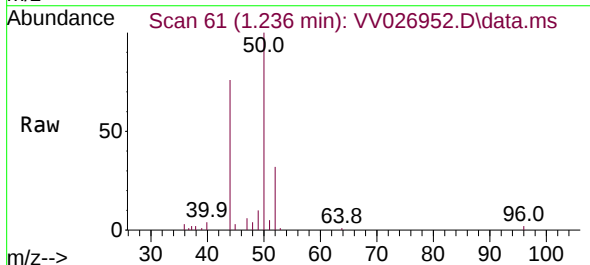
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

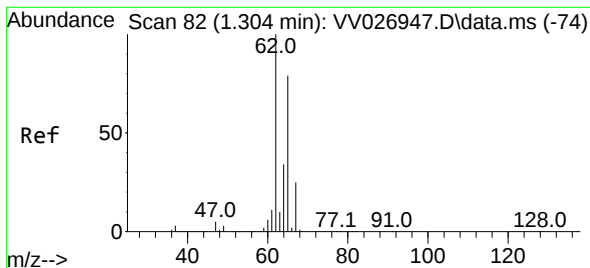
Tgt Ion: 85 Resp: 10396
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.1 39.1



#3
 Chloromethane
 Concen: 2.115 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

Tgt Ion: 50 Resp: 10435
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.1 42.9





#5

Vinyl chloride

Concen: 2.223 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

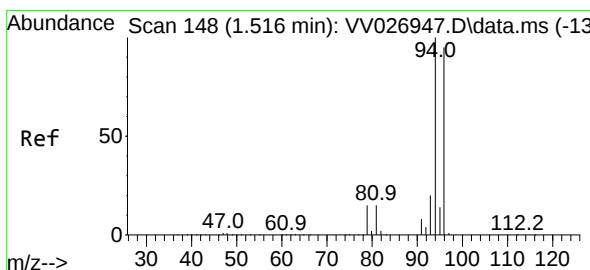
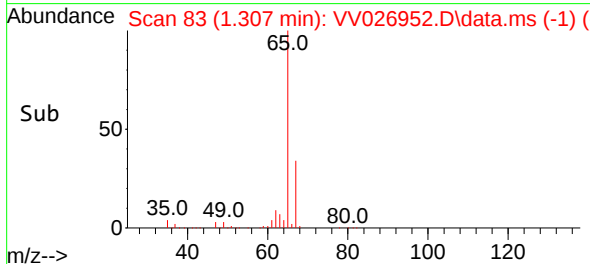
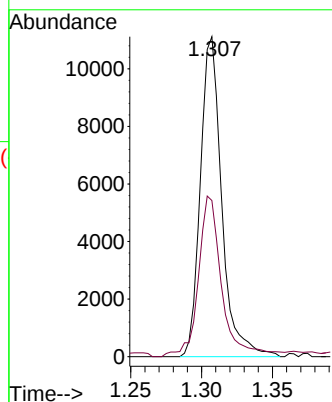
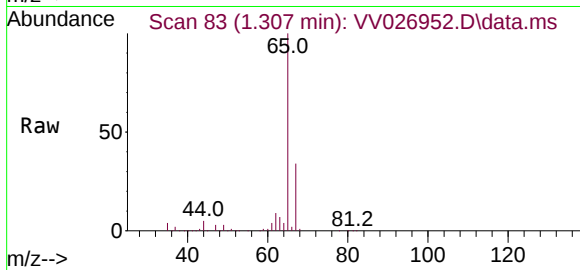
MDL-WATER-QT2-2022-04

Tgt Ion: 62 Resp: 11658

Ion Ratio Lower Upper

62 100

64 48.8 23.0 42.6#



#6

Bromomethane

Concen: 2.318 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.000 min

Lab File: VV026952.D

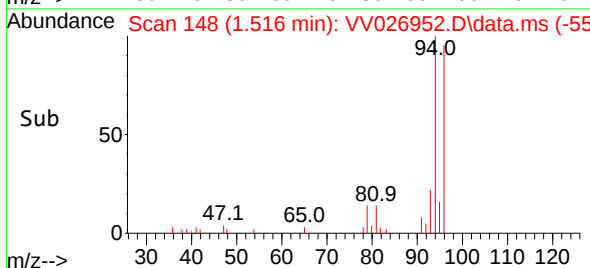
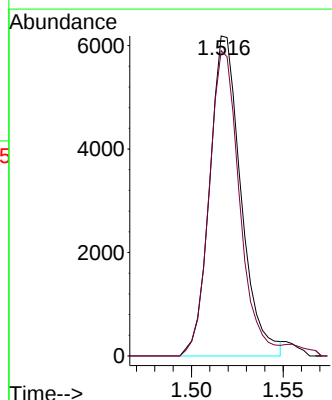
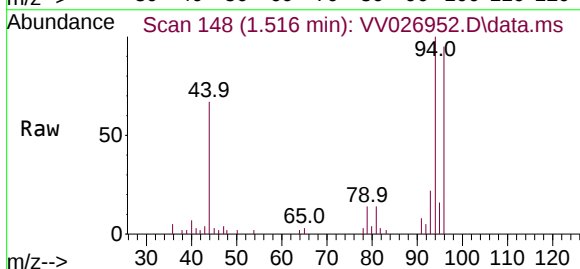
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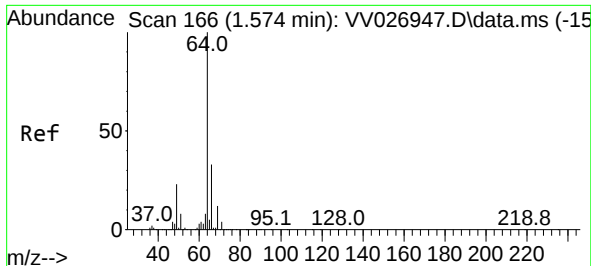
Tgt Ion: 94 Resp: 7345

Ion Ratio Lower Upper

94 100

96 95.4 65.8 122.2

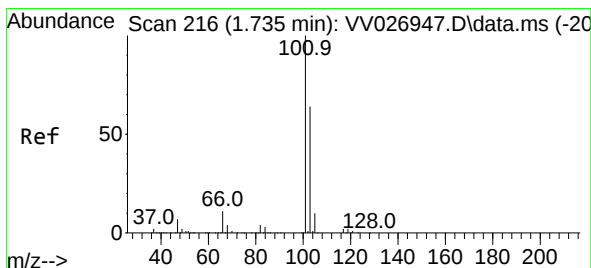
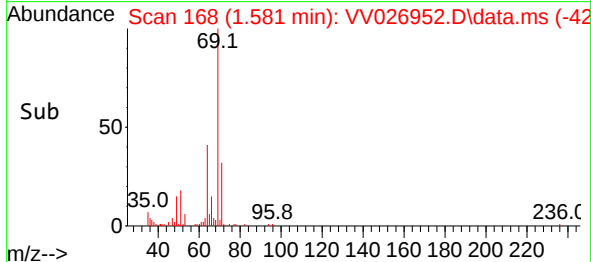
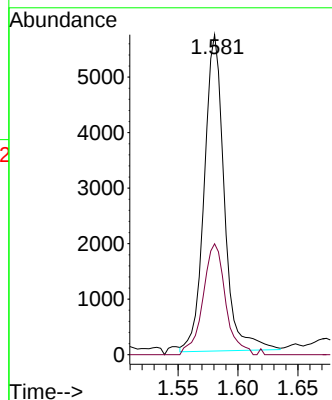
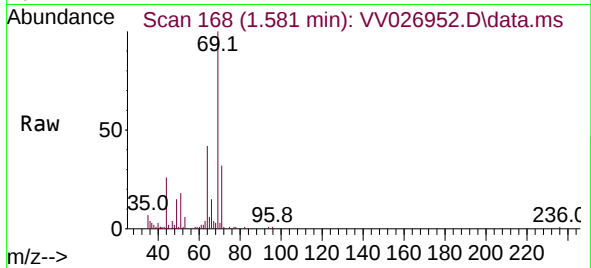




#8
Chloroethane
Concen: 2.155 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

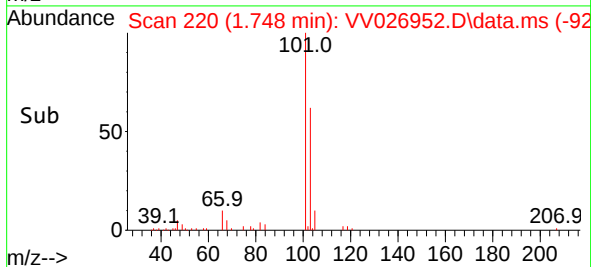
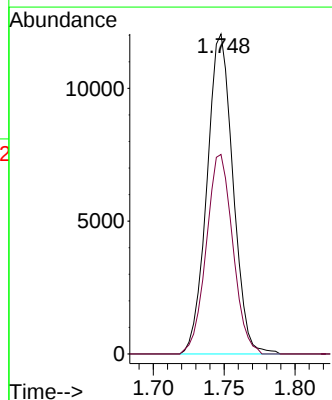
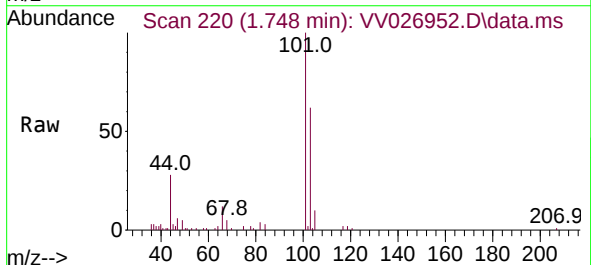
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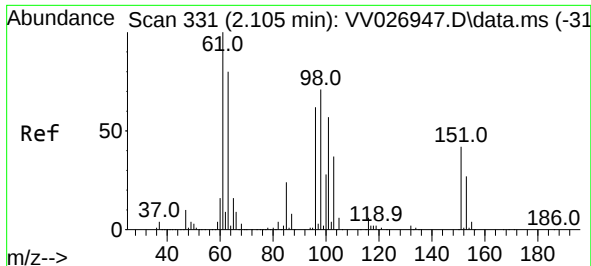
Tgt Ion: 64 Resp: 6642
Ion Ratio Lower Upper
64 100
66 34.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 2.128 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:101 Resp: 15383
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

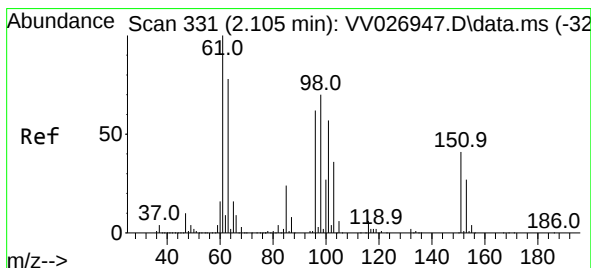
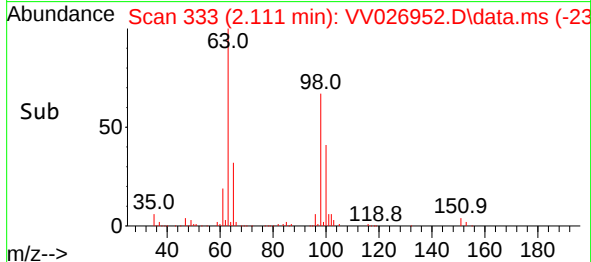
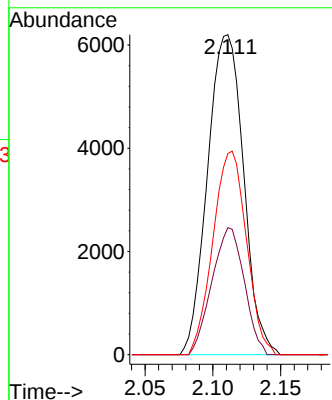
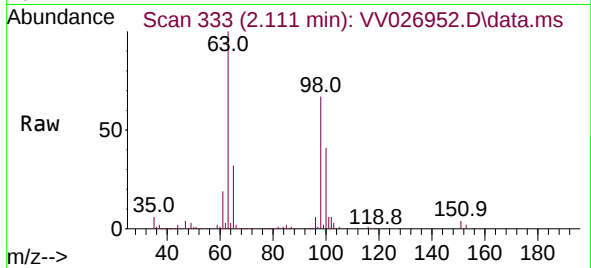




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.713 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

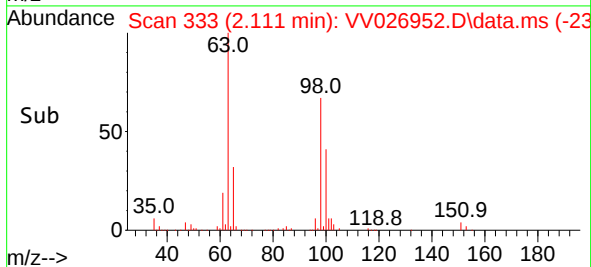
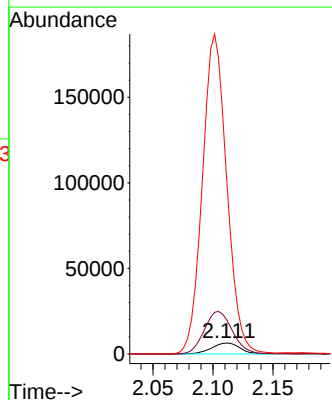
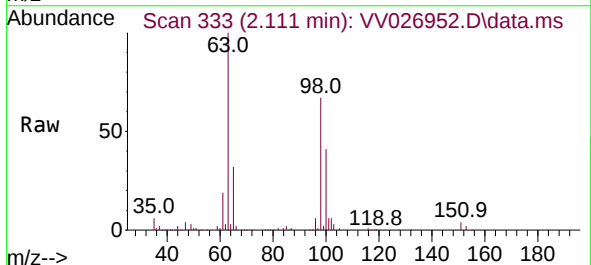
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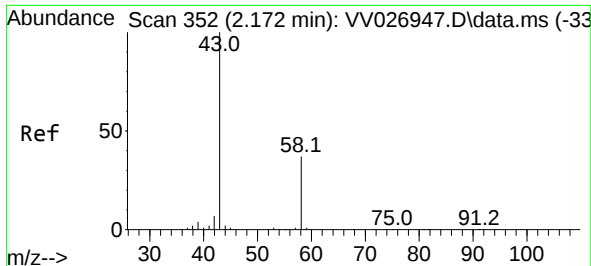
Tgt Ion:	101	Resp:	11468
Ion	Ratio	Lower	Upper
101	100		
85	35.6	33.1	49.7
151	59.2	57.1	85.7



#12
 1,1-Dichloroethene
 Concen: 2.682 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.006 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

Tgt Ion:	96	Resp:	10592
Ion	Ratio	Lower	Upper
96	100		
61	319.9	114.2	212.0#
63	1670.2	87.0	161.6#





#13

Acetone

Concen: 5.431 ug/L

RT: 2.179 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV026952.D

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Instrument :

MSVOA_V

ClientSampleId :

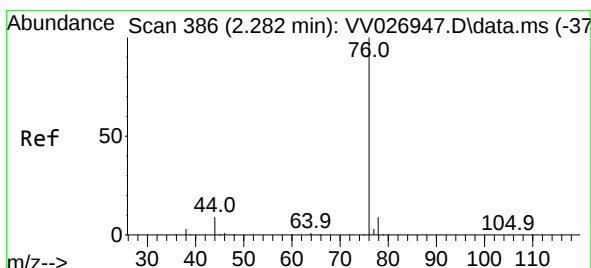
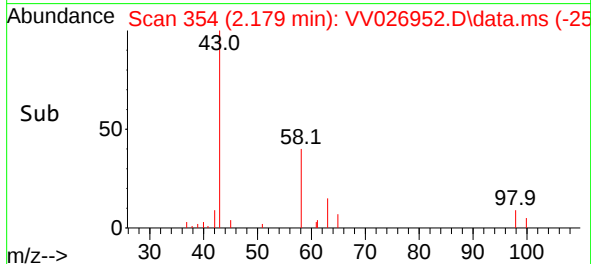
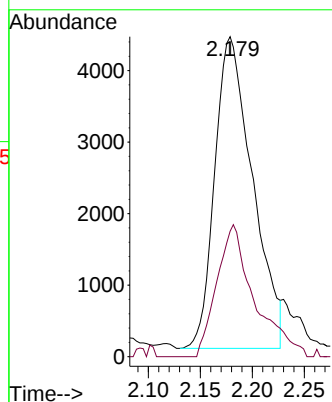
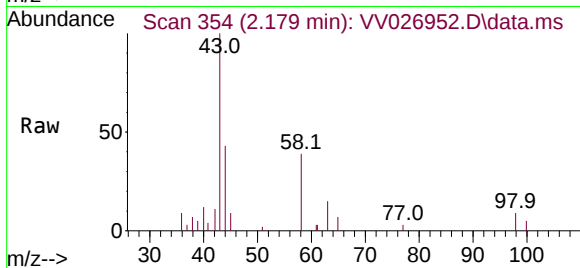
MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 11011

Ion Ratio Lower Upper

43 100

58 42.2 0.0 72.6



#14

Carbon disulfide

Concen: 2.040 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026952.D

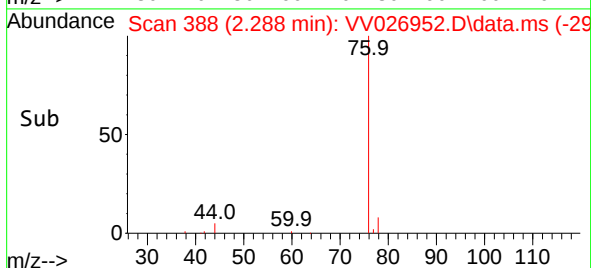
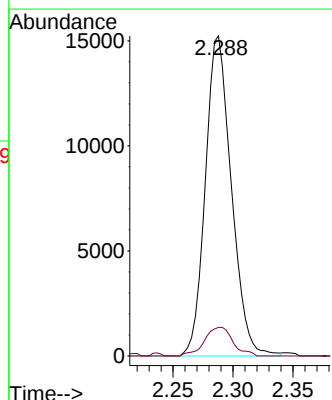
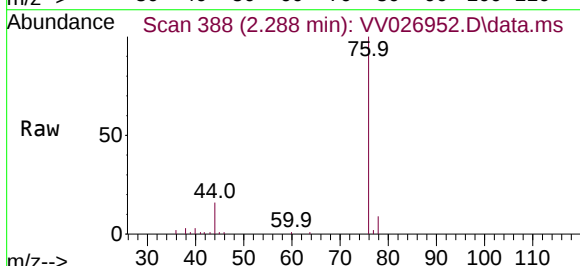
Acq: 26 Jul 2022 15:18

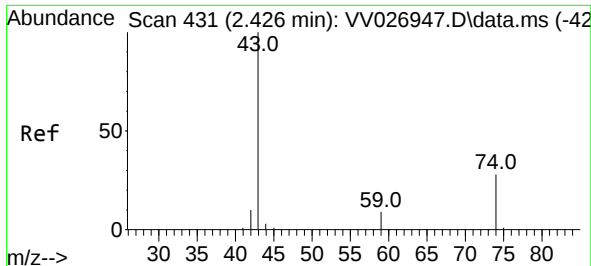
Tgt Ion: 76 Resp: 22989

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2





#15

Methyl Acetate

Concen: 2.296 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

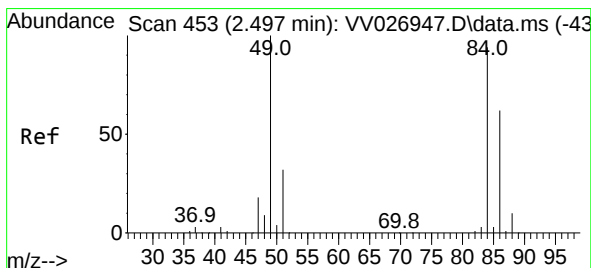
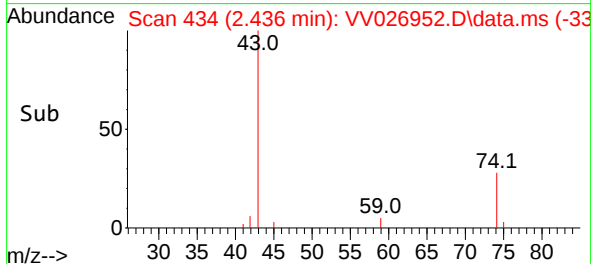
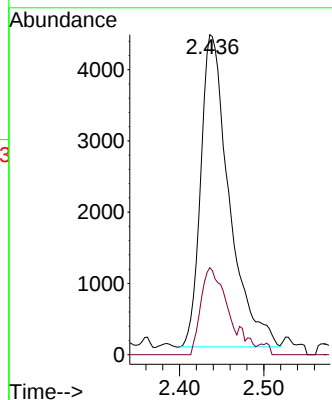
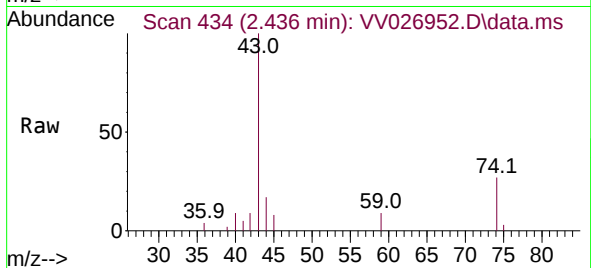
MDL-WATER-QT2-2022-04

Tgt Ion: 43 Resp: 10265

Ion Ratio Lower Upper

43 100

74 24.1 22.1 33.1



#16

Methylene chloride

Concen: 3.798 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

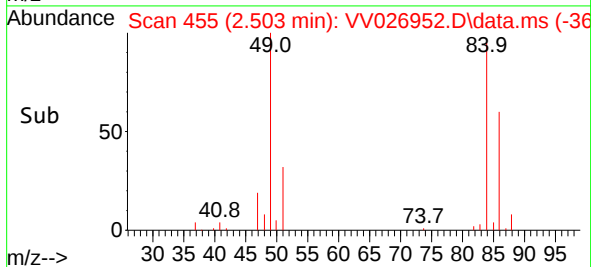
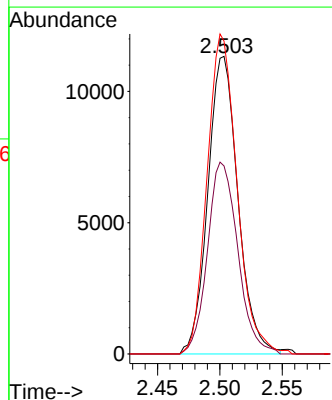
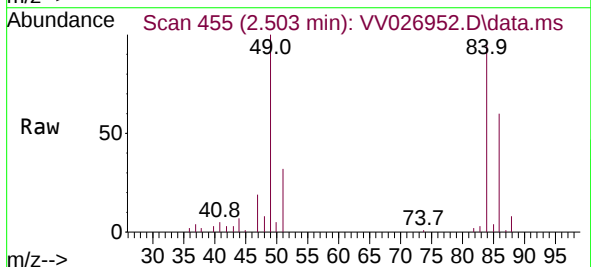
Tgt Ion: 84 Resp: 19118

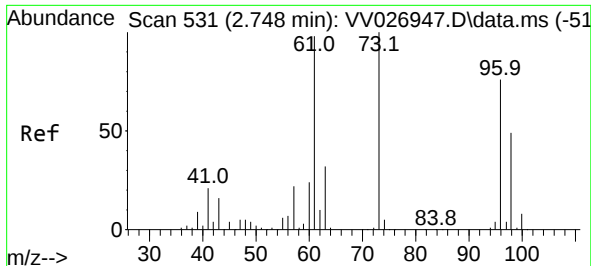
Ion Ratio Lower Upper

84 100

86 63.2 44.5 82.7

49 105.1 75.0 139.2

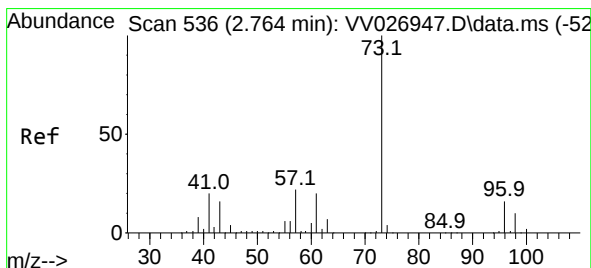
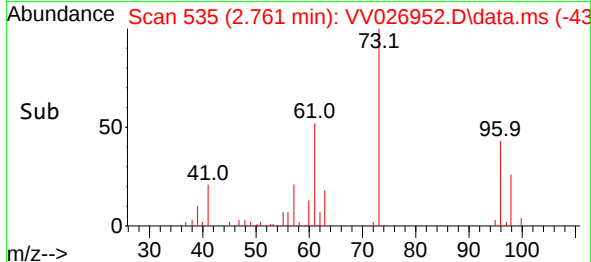
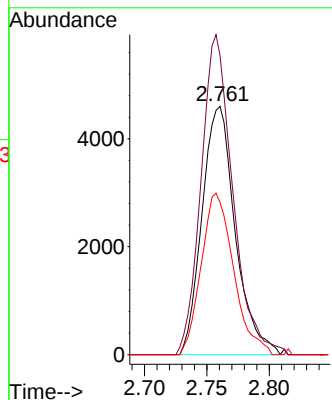
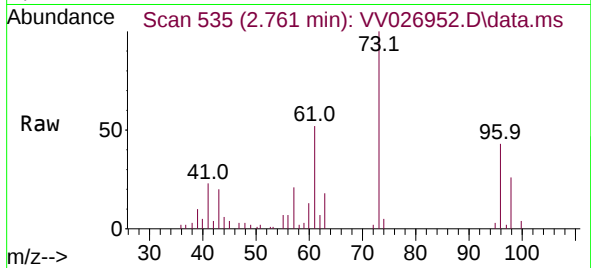




#17
trans-1,2-Dichloroethene
Concen: 2.048 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

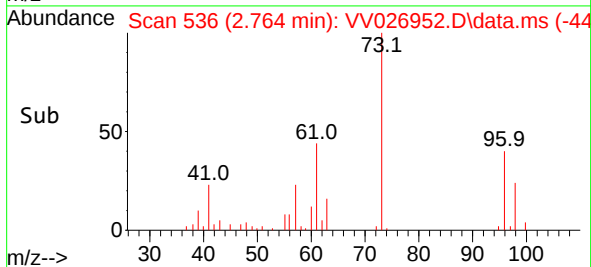
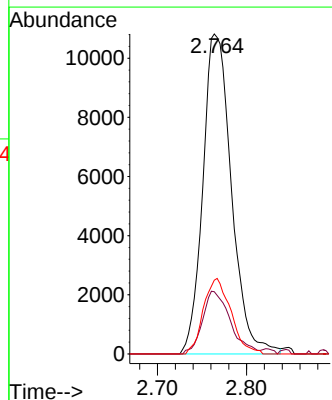
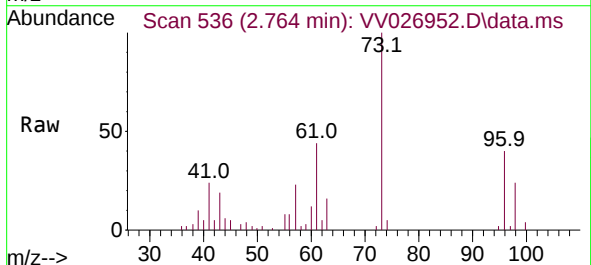
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

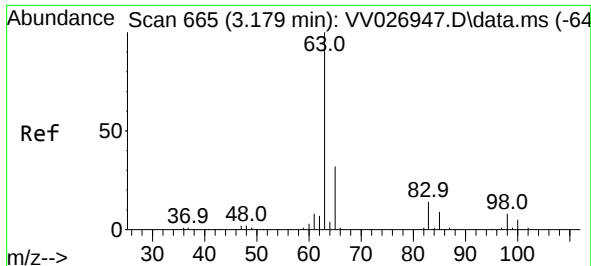
Tgt Ion: 96 Resp: 8546
Ion Ratio Lower Upper
96 100
61 120.4 89.2 165.6
98 61.3 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 2.082 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion: 73 Resp: 24135
Ion Ratio Lower Upper
73 100
43 19.1 12.8 19.2
57 22.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 2.146 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

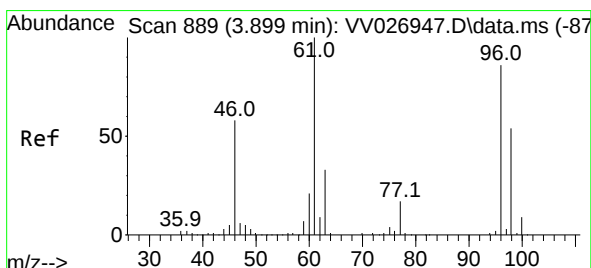
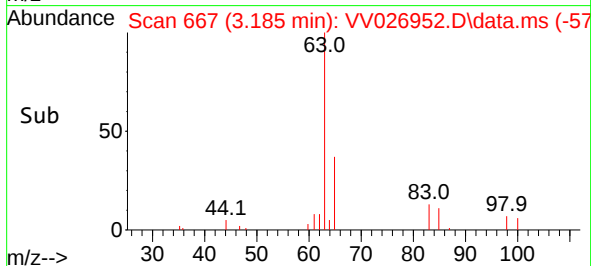
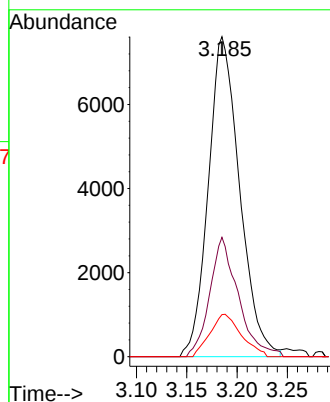
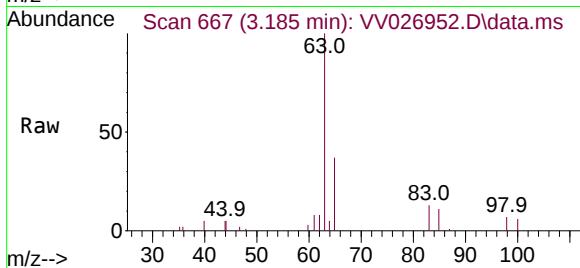
Tgt Ion: 63 Resp: 16493

Ion Ratio Lower Upper

63 100

65 37.3 22.6 42.0

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 2.286 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

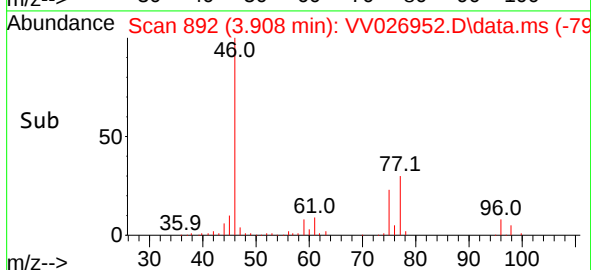
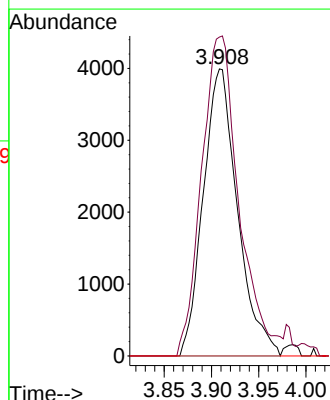
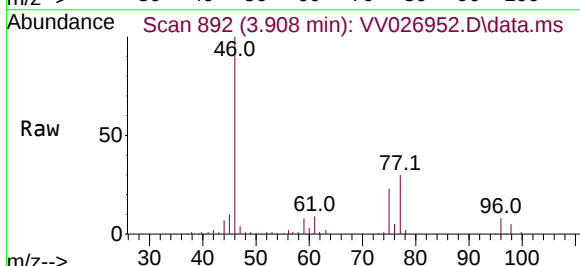
Tgt Ion: 96 Resp: 10054

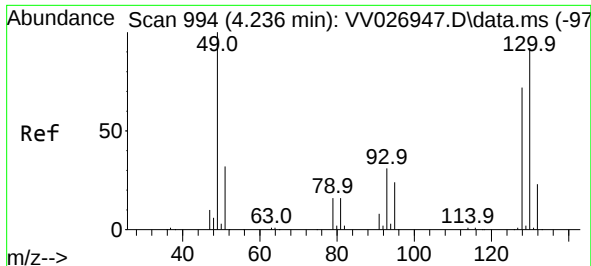
Ion Ratio Lower Upper

96 100

61 111.1 83.0 154.1

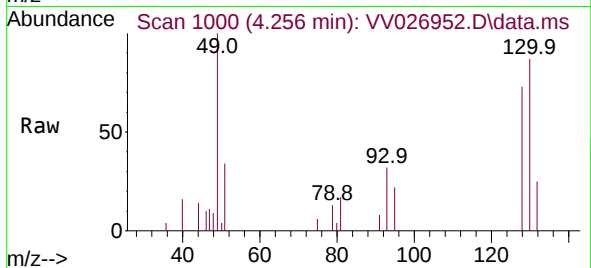
68 0.0 0.0 0.0



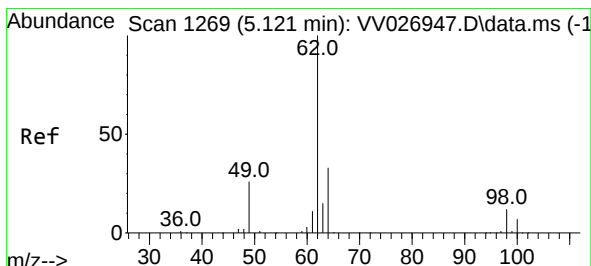
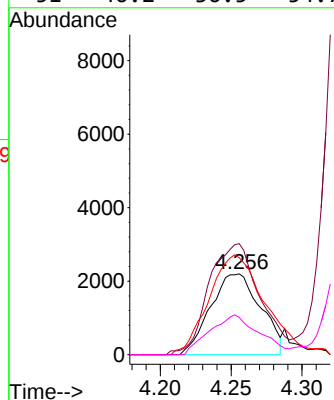
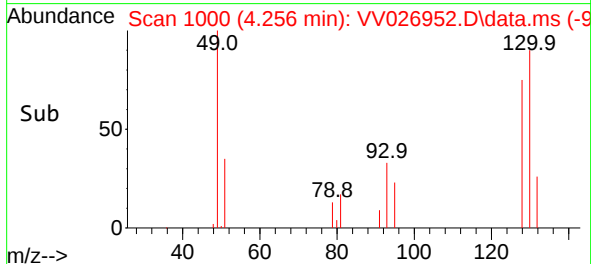


#23
Bromochloromethane
Concen: 2.156 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.019 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

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

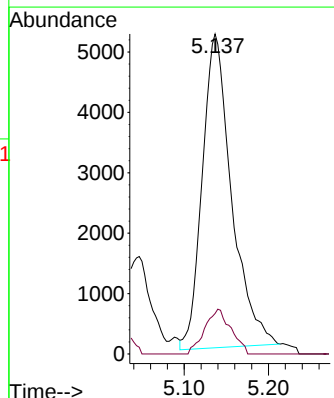
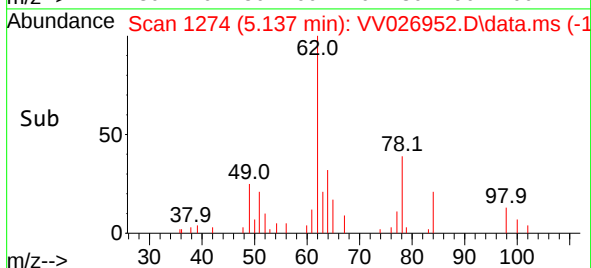
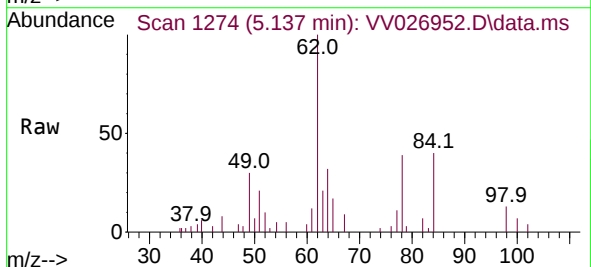


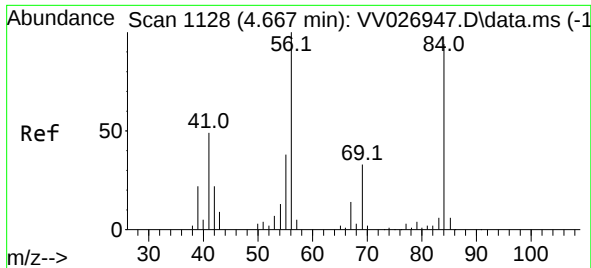
Tgt Ion:	128	Resp:	5430
Ion	Ratio	Lower	Upper
128	100		
49	137.5	101.0	187.6
130	120.0	90.0	167.2
51	46.2	36.5	54.7



#27
1,2-Dichloroethane
Concen: 2.175 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.016 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:	62	Resp:	12581
Ion	Ratio	Lower	Upper
62	100		
98	12.6	8.9	13.3





#29

Cyclohexane

Concen: 1.801 ug/L

RT: 4.670 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

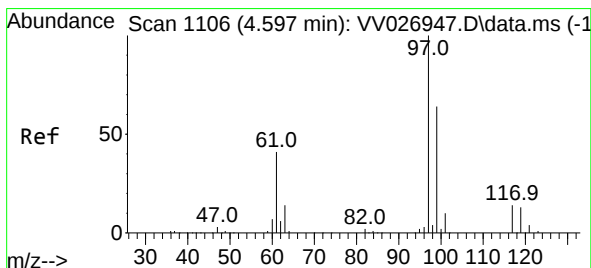
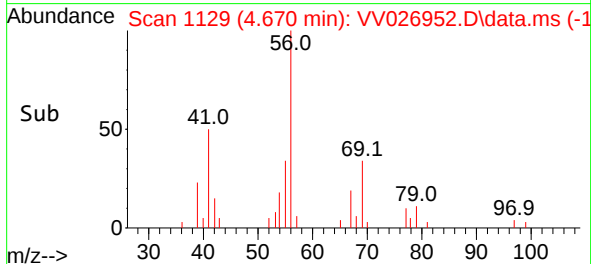
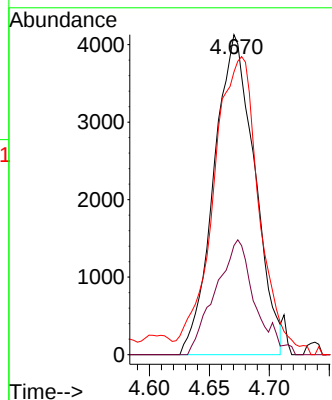
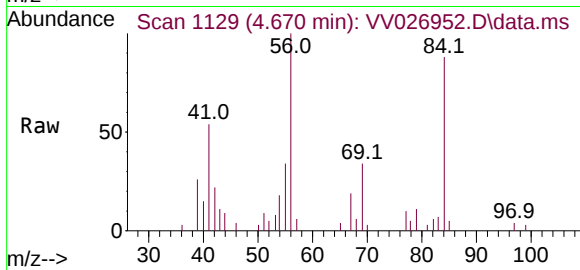
Tgt Ion: 56 Resp: 9730

Ion Ratio Lower Upper

56 100

69 32.5 25.7 38.5

84 100.5 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 2.102 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

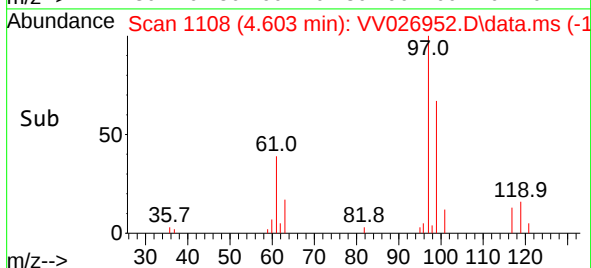
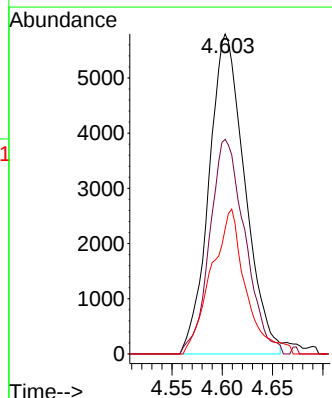
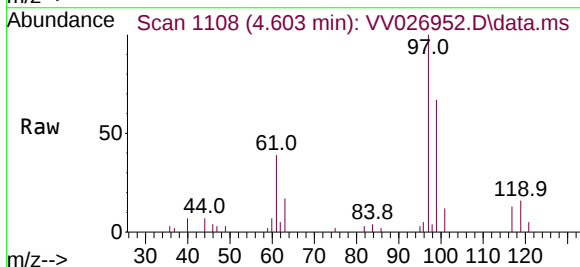
Tgt Ion: 97 Resp: 14348

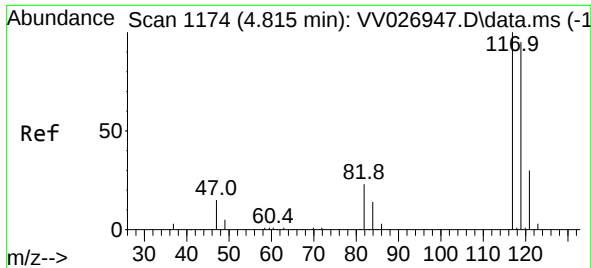
Ion Ratio Lower Upper

97 100

99 66.2 51.0 76.6

61 43.5 33.1 49.7

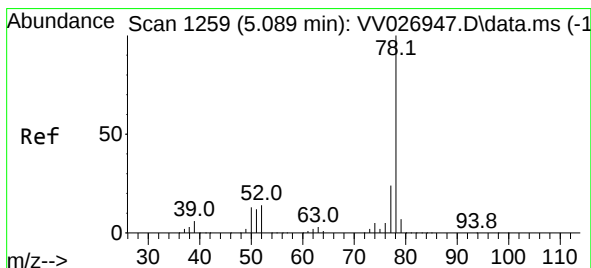
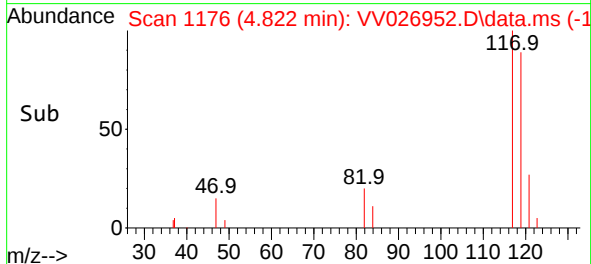
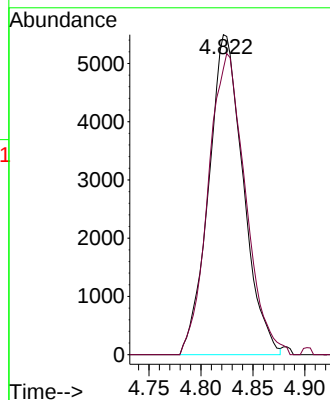
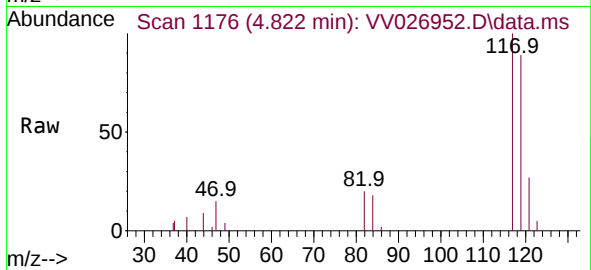




#31
Carbon tetrachloride
Concen: 2.127 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

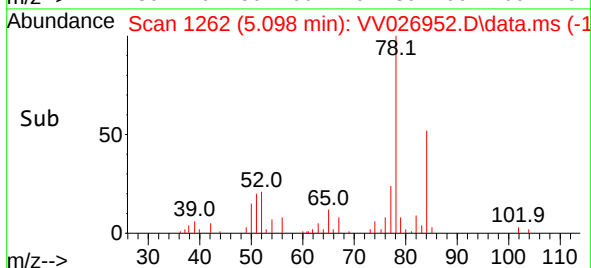
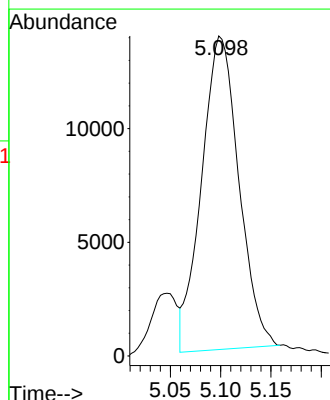
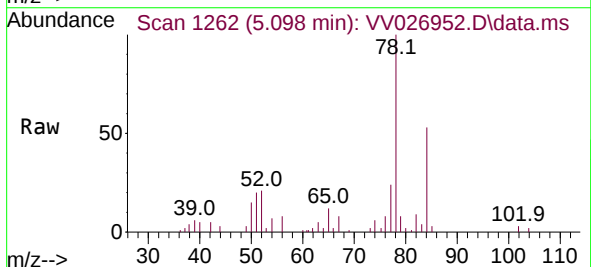
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

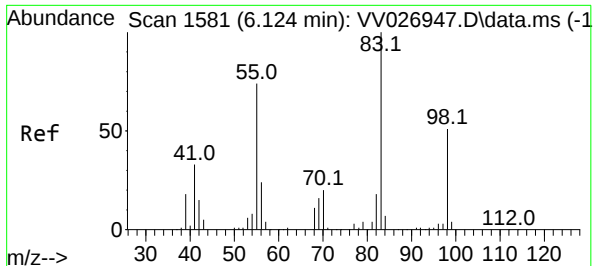
Tgt Ion:117 Resp: 12710
Ion Ratio Lower Upper
117 100
119 100.7 77.3 115.9



#33
Benzene
Concen: 2.138 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion: 78 Resp: 35517





#35

Methylcyclohexane

Concen: 1.921 ug/L

RT: 6.127 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

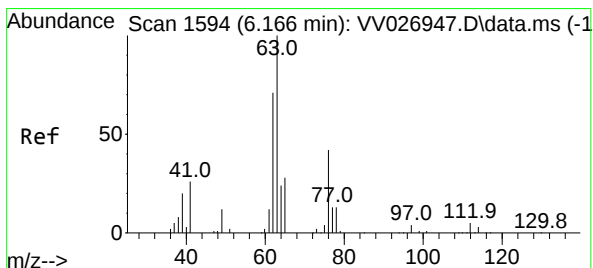
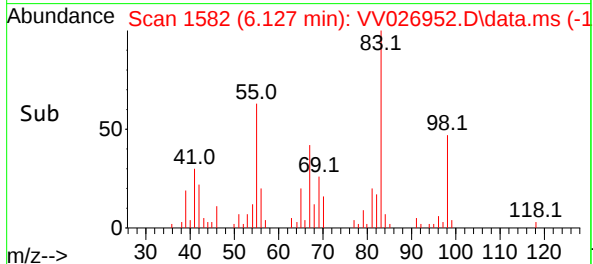
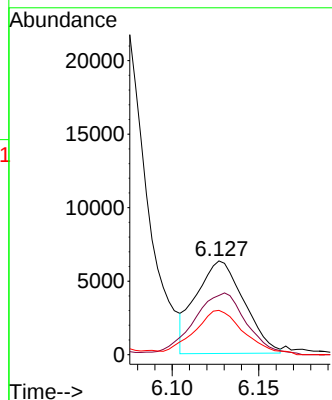
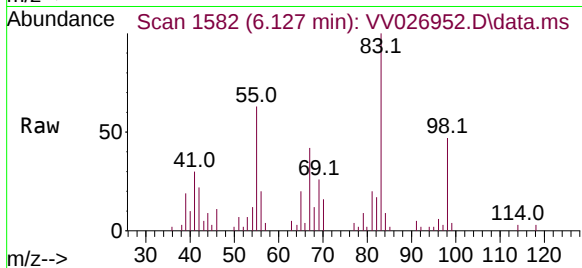
Tgt Ion: 83 Resp: 12143

Ion Ratio Lower Upper

83 100

55 72.8 57.4 86.2

98 49.7 39.4 59.0



#37

1,2-Dichloropropane

Concen: 2.294 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. 0.010 min

Lab File: VV026952.D

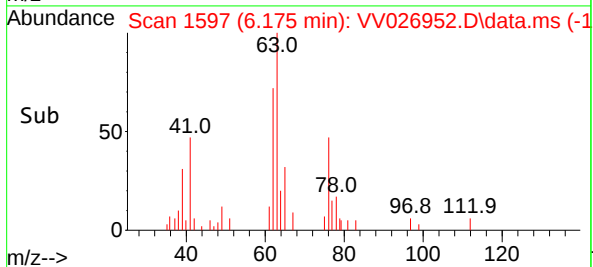
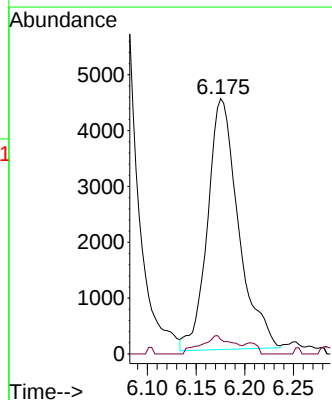
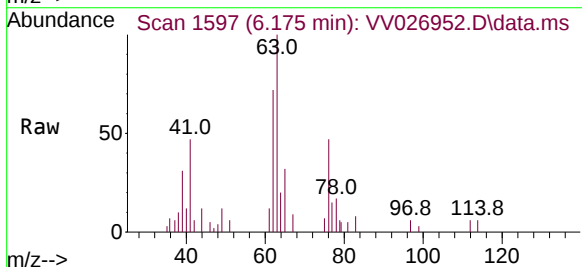
Acq: 26 Jul 2022 15:18

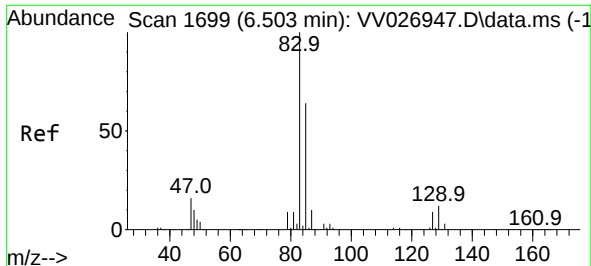
Tgt Ion: 63 Resp: 9917

Ion Ratio Lower Upper

63 100

112 7.2 3.8 5.8#

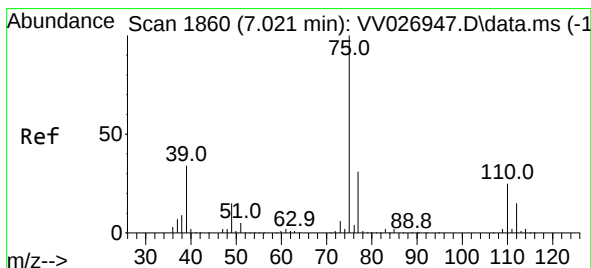
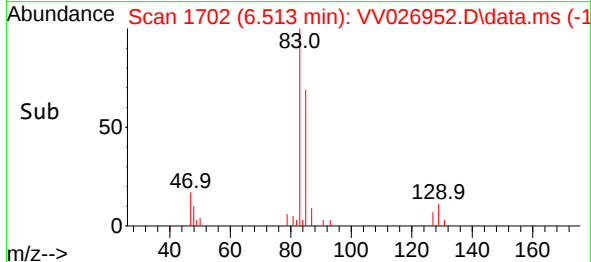
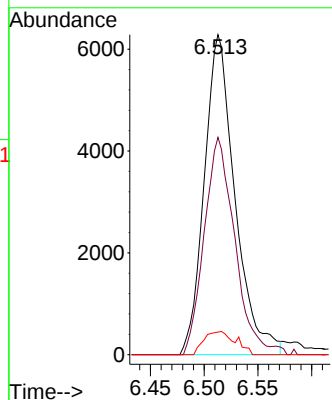
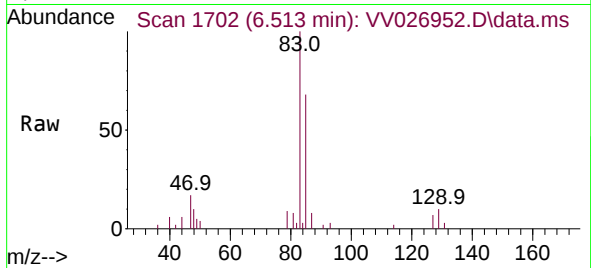




#38
Bromodichloromethane
Concen: 2.127 ug/L
RT: 6.513 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

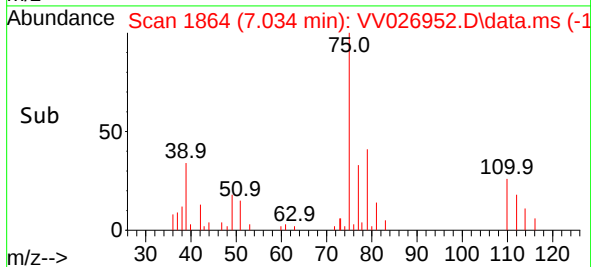
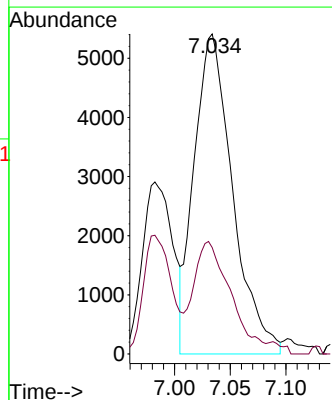
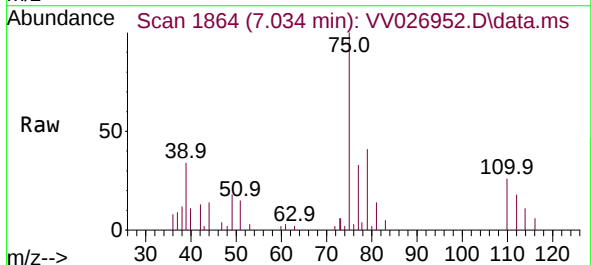
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

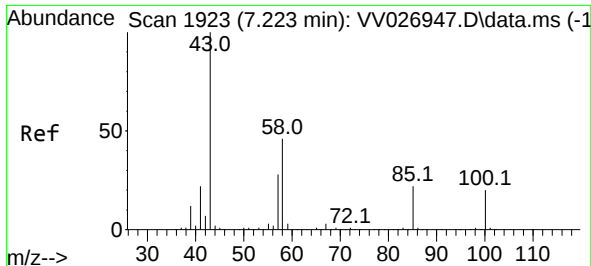
Tgt Ion: 83 Resp: 12467
Ion Ratio Lower Upper
83 100
85 67.9 45.1 83.9
127 7.0 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 2.168 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.013 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion: 75 Resp: 13011
Ion Ratio Lower Upper
75 100
77 33.2 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 3.711 ug/L

RT: 7.233 min Scan# 1923

Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

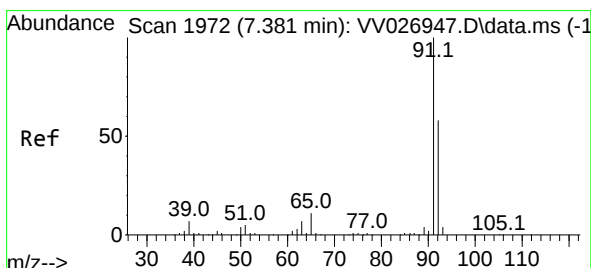
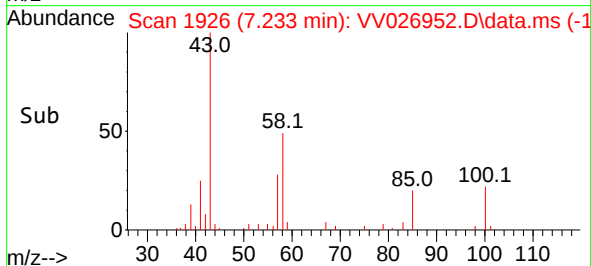
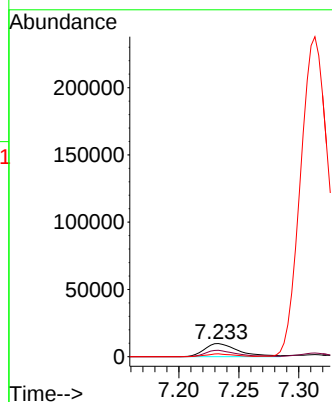
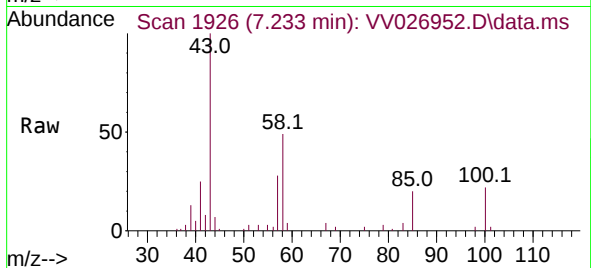
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:	43	Resp:	19094
Ion	Ratio	Lower	Upper
43	100		
58	42.4	35.0	52.6
100	18.4	15.4	23.0



#42

Toluene

Concen: 2.090 ug/L

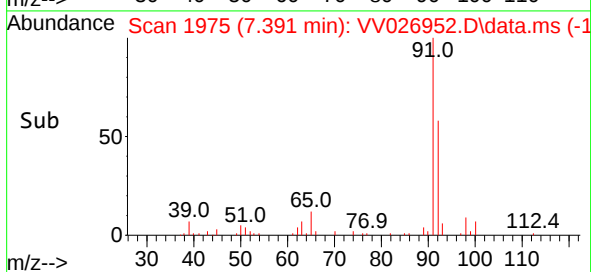
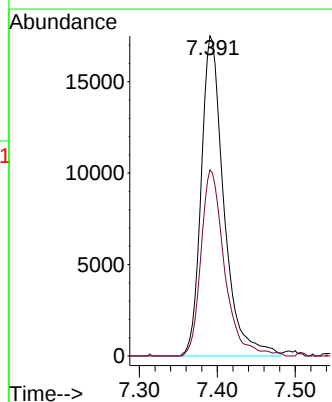
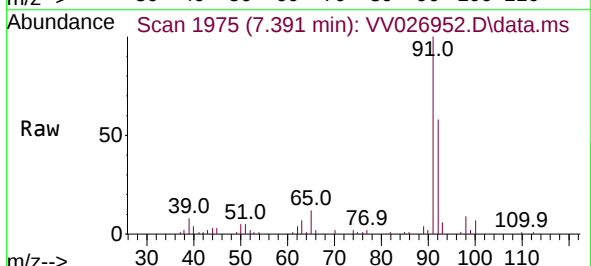
RT: 7.391 min Scan# 1975

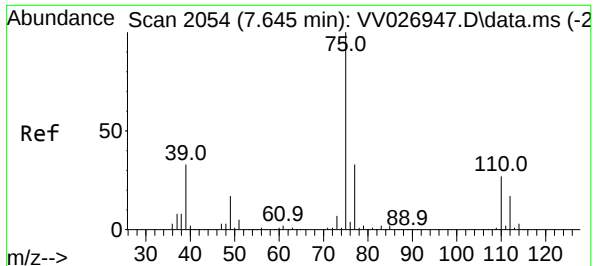
Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Tgt Ion:	91	Resp:	35449
Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.5	75.1

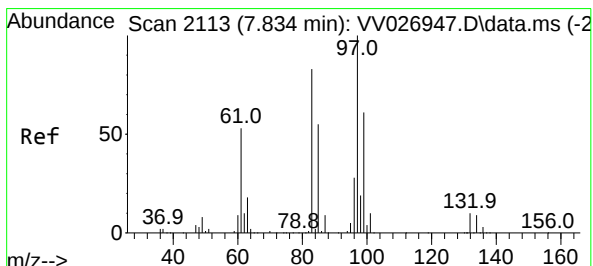
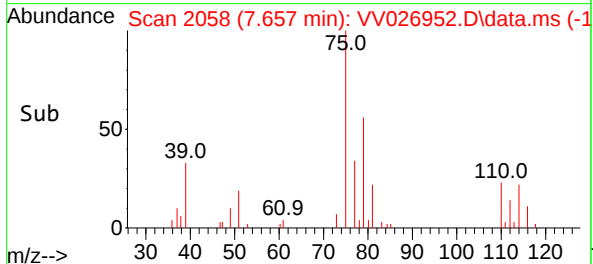
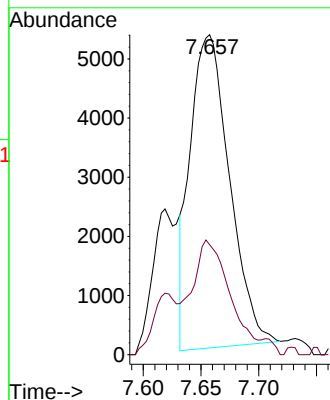
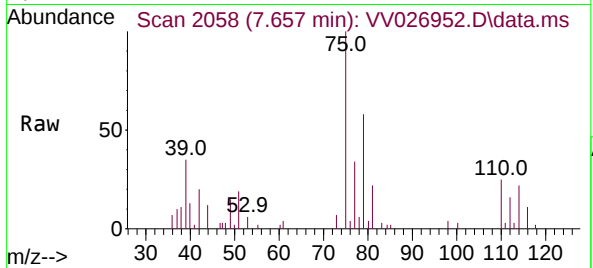




#44
trans-1,3-Dichloropropene
Concen: 2.114 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.013 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

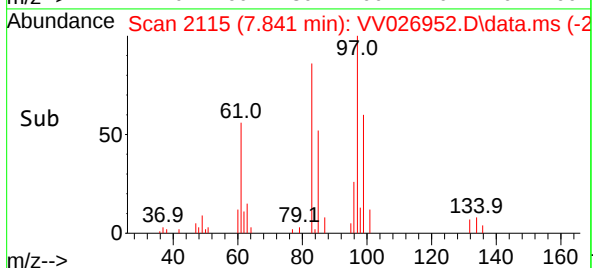
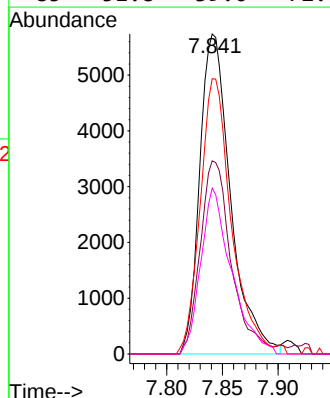
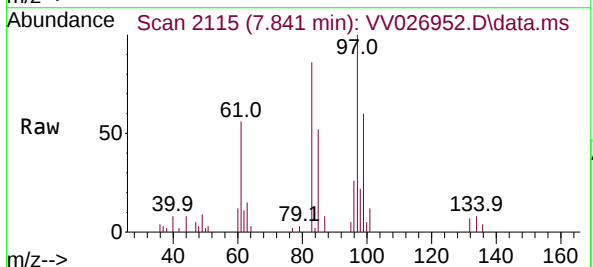
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2022-04

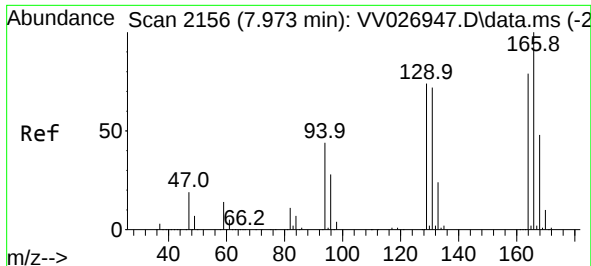
Tgt Ion: 75 Resp: 12510
Ion Ratio Lower Upper
75 100
77 34.3 21.3 39.6



#45
1,1,2-Trichloroethane
Concen: 2.408 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion: 97 Resp: 11089
Ion Ratio Lower Upper
97 100
99 60.4 44.0 81.8
83 86.0 59.9 111.3
85 51.8 39.0 72.4

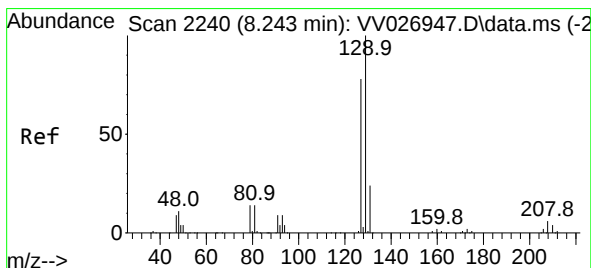
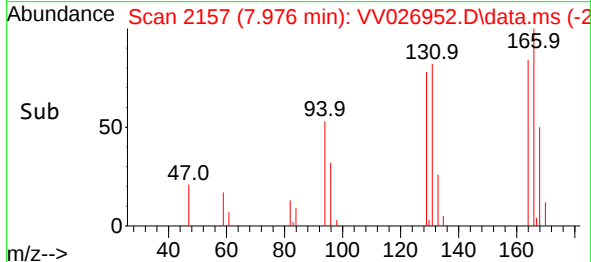
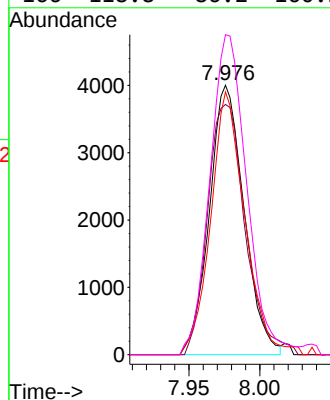
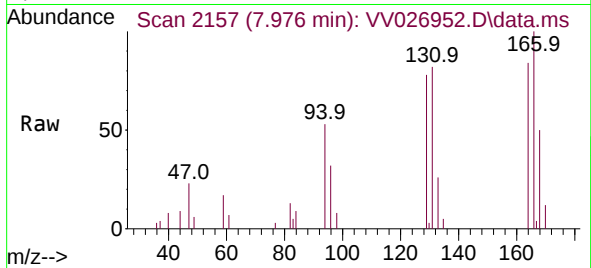




#46
Tetrachloroethene
Concen: 2.045 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

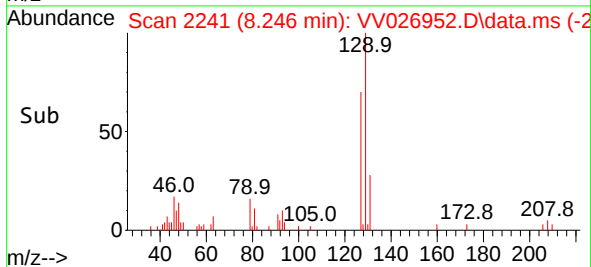
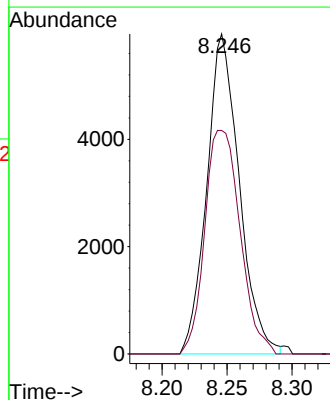
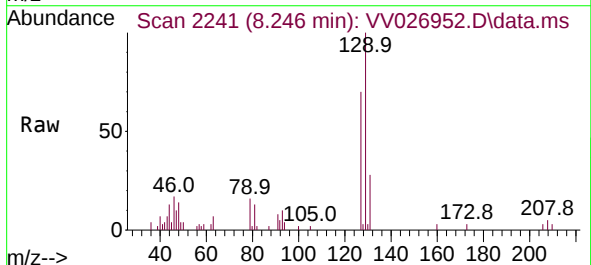
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

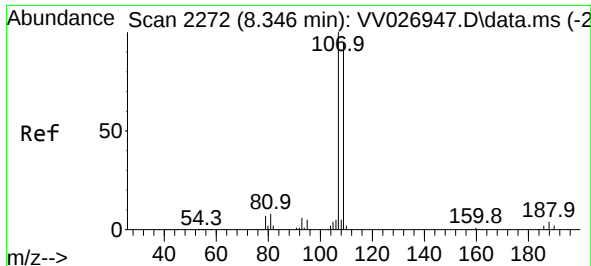
Tgt Ion:164 Resp: 6811
Ion Ratio Lower Upper
164 100
129 92.9 66.3 123.1
131 97.5 63.1 117.3
166 118.8 86.2 160.2



#49
Dibromochloromethane
Concen: 2.152 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:129 Resp: 10355
Ion Ratio Lower Upper
129 100
127 69.8 53.7 99.7





#50

1,2-Dibromoethane

Concen: 2.254 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

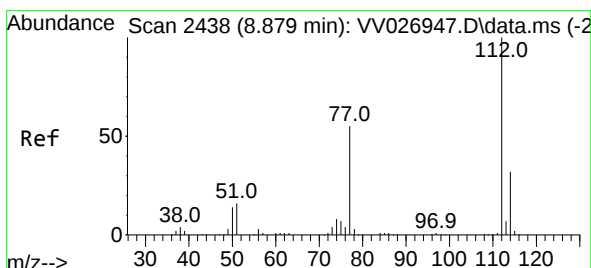
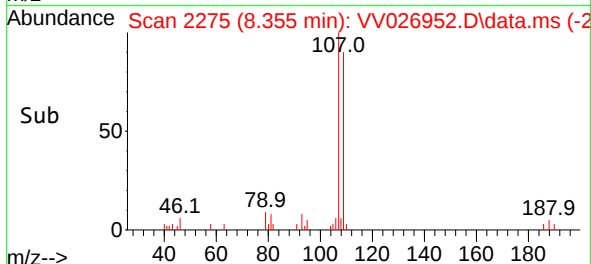
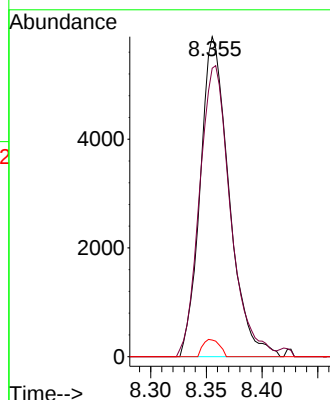
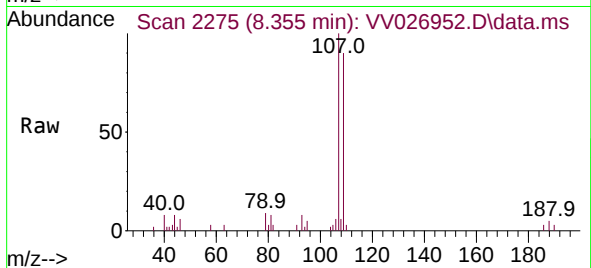
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:107	Resp:	10621
Ion Ratio	Lower	Upper
107	100	
109	90.2	64.9 120.5
188	5.2	2.6 3.8#



#51

Chlorobenzene

Concen: 2.135 ug/L

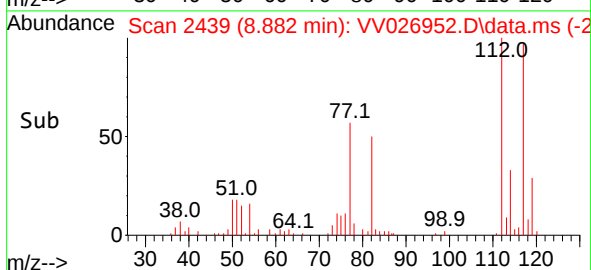
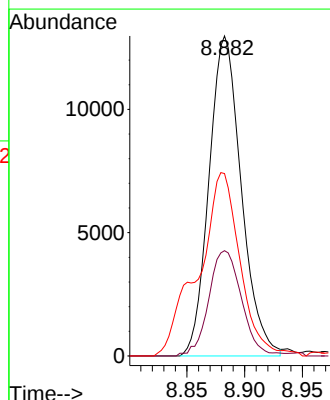
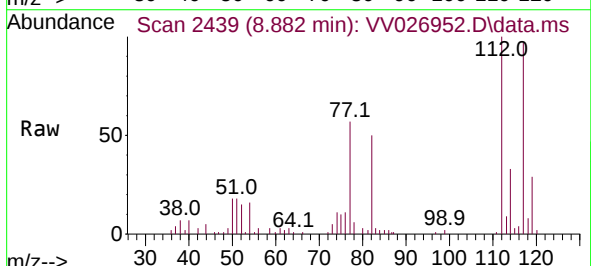
RT: 8.882 min Scan# 2439

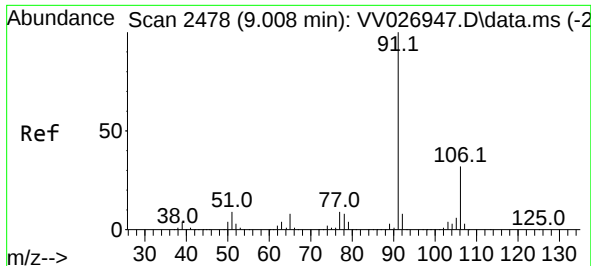
Delta R.T. 0.003 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Tgt Ion:112	Resp:	25232
Ion Ratio	Lower	Upper
112	100	
114	32.9	22.7 42.1
77	57.0	44.4 66.6

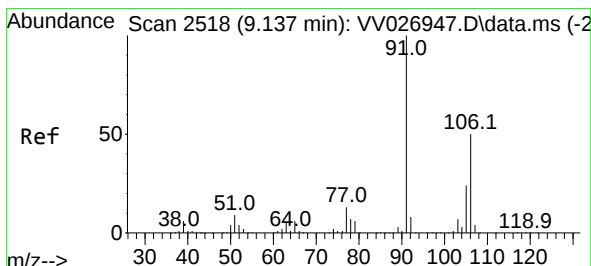
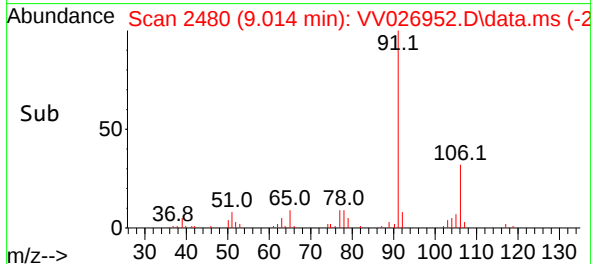
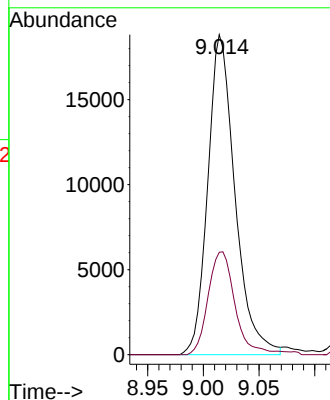
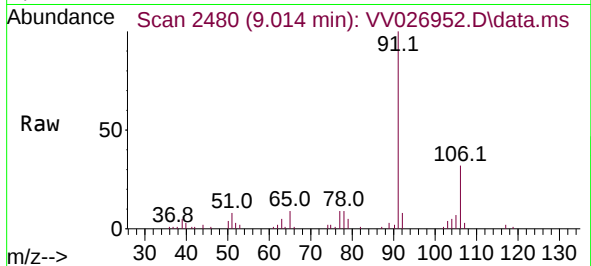




#52
Ethylbenzene
Concen: 1.818 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

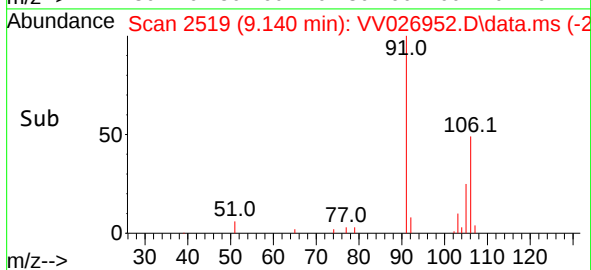
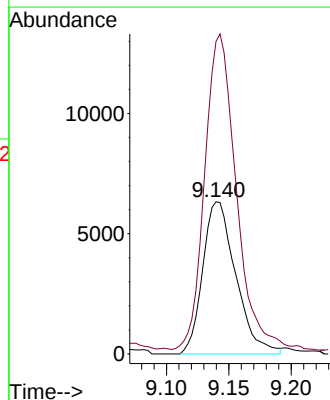
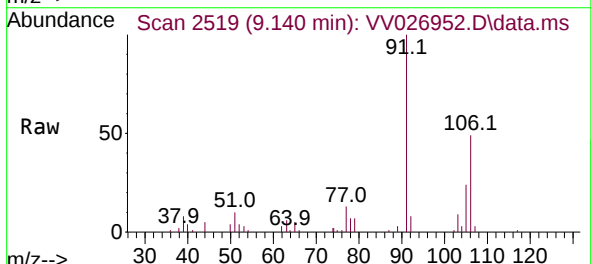
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

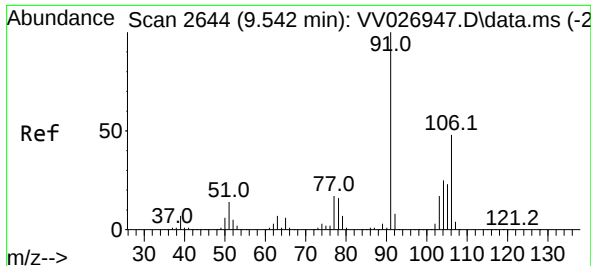
Tgt Ion: 91 Resp: 32001
Ion Ratio Lower Upper
91 100
106 32.0 22.0 40.8



#53
m,p-Xylene
Concen: 1.693 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion: 106 Resp: 11665
Ion Ratio Lower Upper
106 100
91 205.4 140.0 260.0

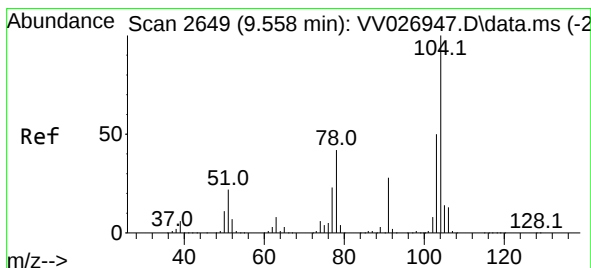
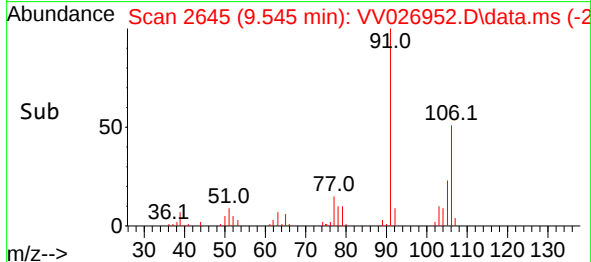
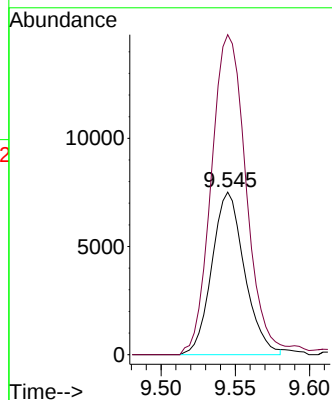
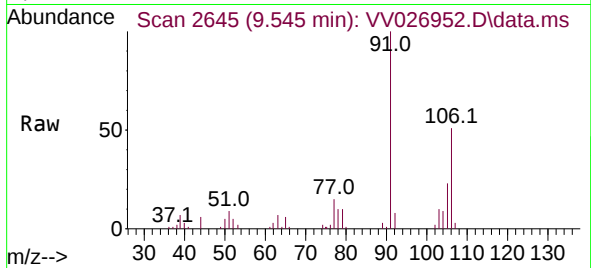




#54
o-Xylene
Concen: 1.729 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

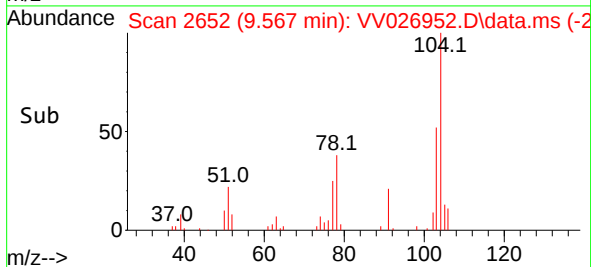
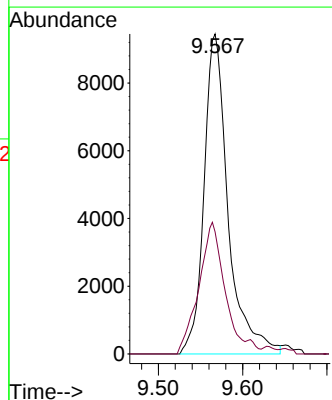
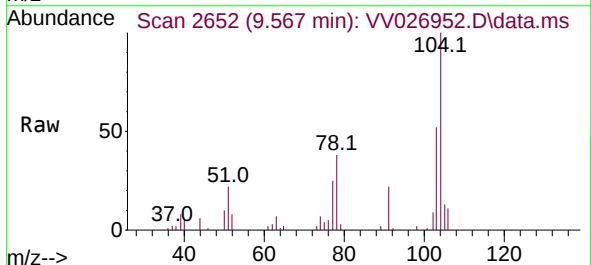
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

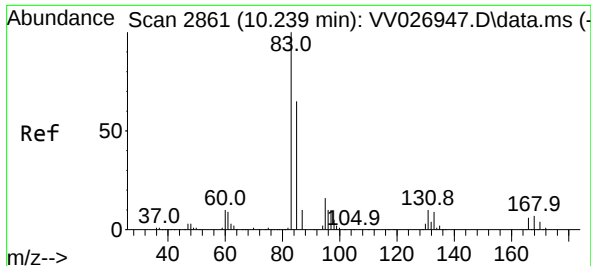
Tgt Ion:106 Resp: 11479
Ion Ratio Lower Upper
106 100
91 196.9 146.1 271.3



#55
Styrene
Concen: 1.605 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:104 Resp: 18810
Ion Ratio Lower Upper
104 100
78 38.2 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.500 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

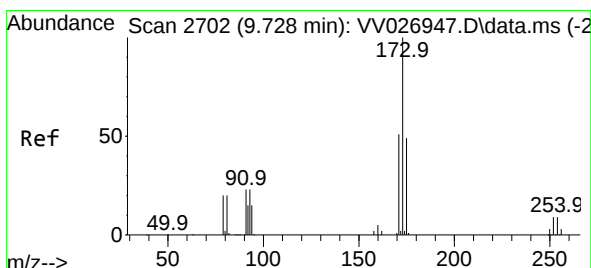
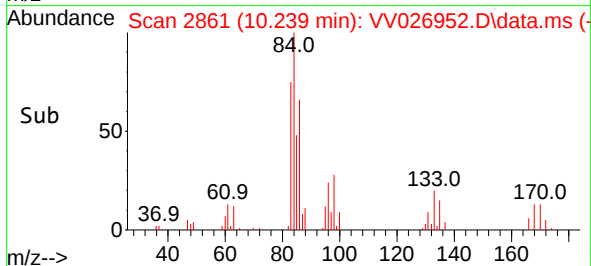
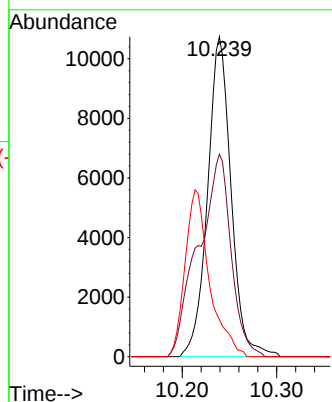
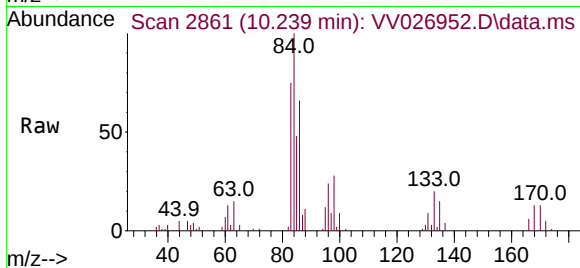
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:	83	Resp:	18581
Ion Ratio	Lower	Upper	
83	100		
85	63.3	45.3	84.1
131	11.6	7.8	11.6#



#59

Bromoform

Concen: 2.564 ug/L

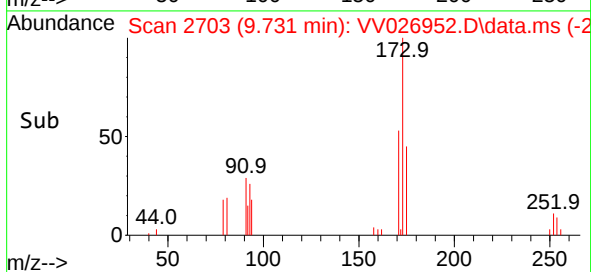
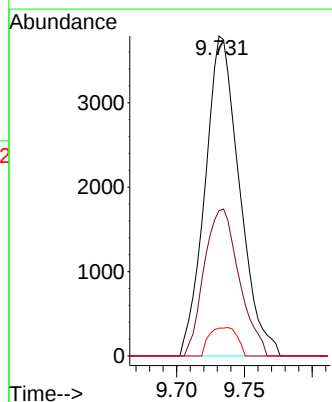
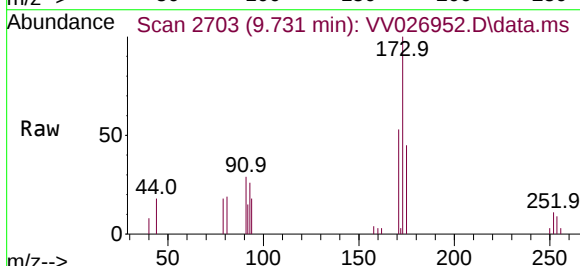
RT: 9.731 min Scan# 2703

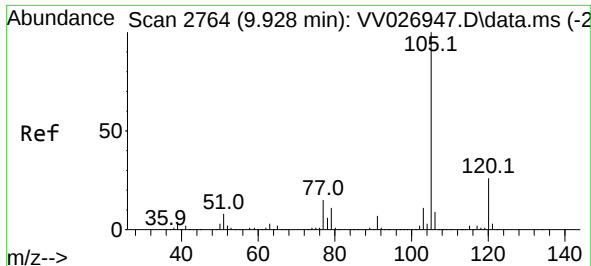
Delta R.T. 0.003 min

Lab File: VV026952.D

Acq: 26 Jul 2022 15:18

Tgt Ion:	173	Resp:	6700
Ion Ratio	Lower	Upper	
173	100		
175	46.6	38.6	57.8
254	7.1	6.6	10.0

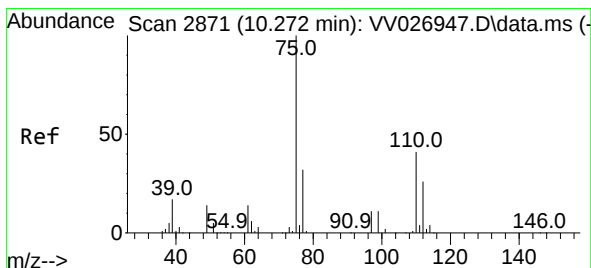
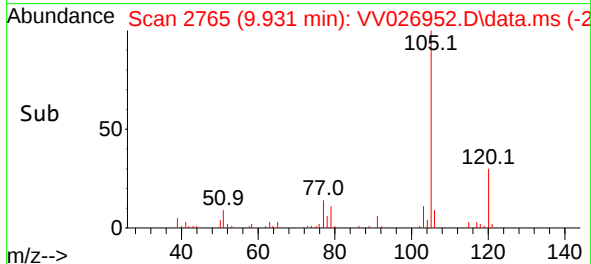
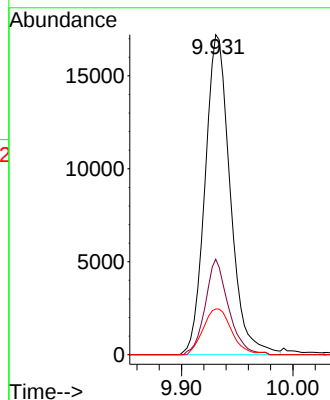
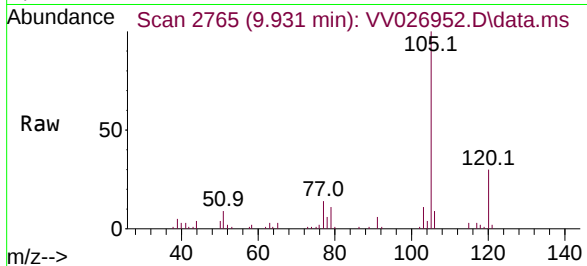




#60
Isopropylbenzene
Concen: 1.953 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

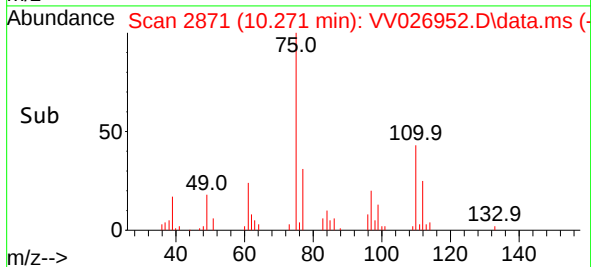
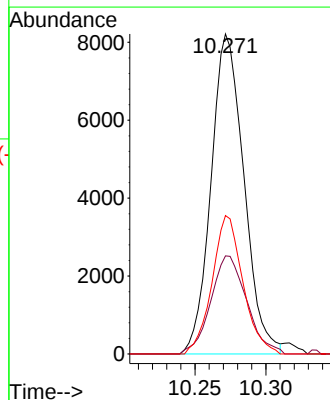
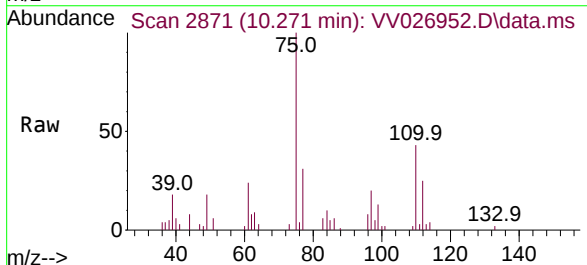
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

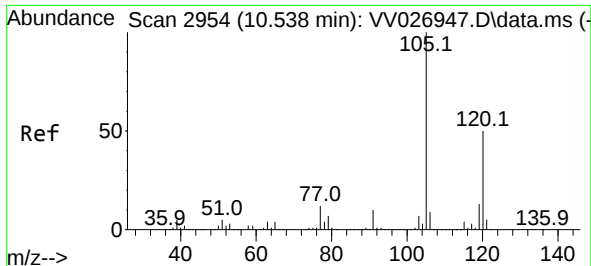
Tgt Ion:	105	Resp:	27002
Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.1	31.7
77	16.0	11.9	17.9



#61
1,2,3-Trichloropropane
Concen: 2.824 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:	75	Resp:	13254
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.6	38.4
110	40.5	31.7	47.5

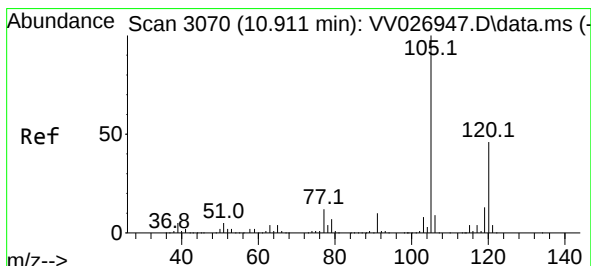
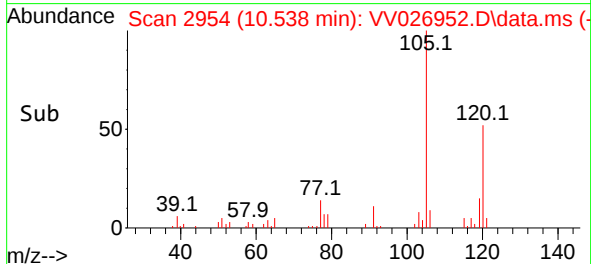
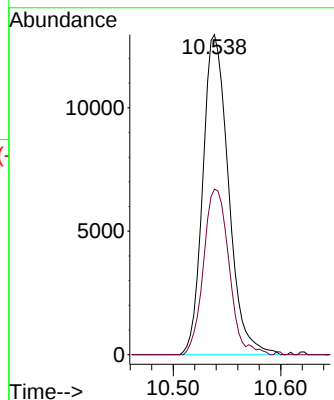
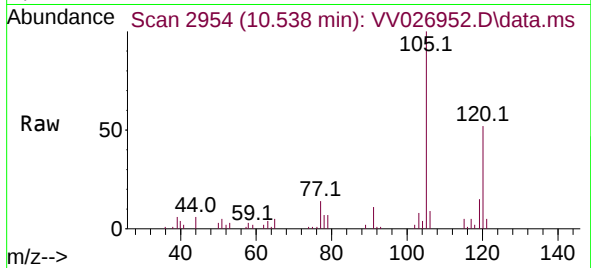




#62
 1,3,5-Trimethylbenzene
 Concen: 1.916 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

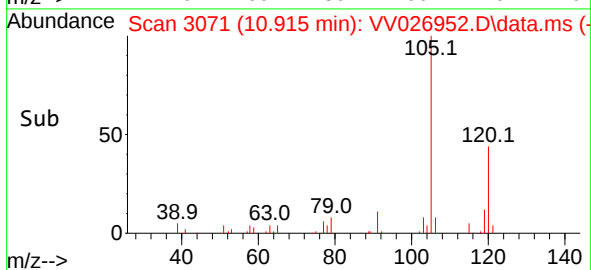
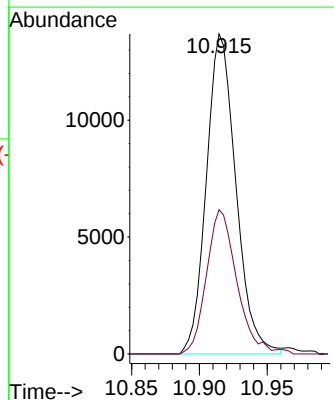
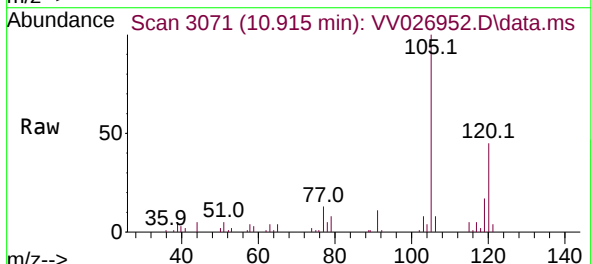
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2022-04

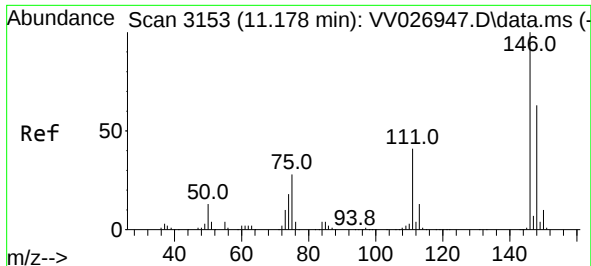
Tgt Ion:105 Resp: 21528
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 1.841 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

Tgt Ion:105 Resp: 20739
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.1 55.7

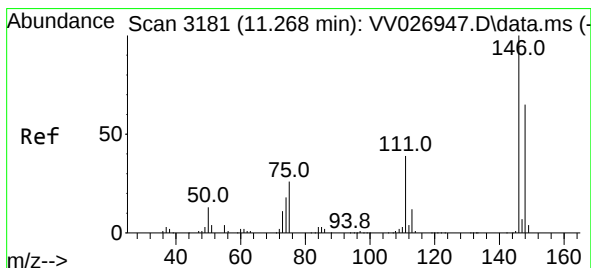
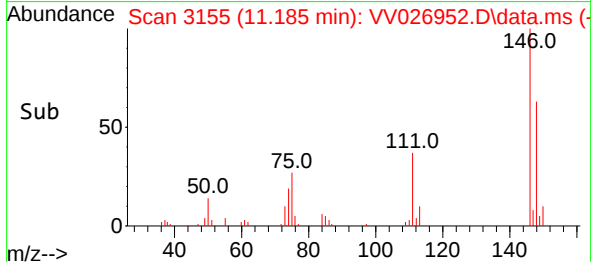
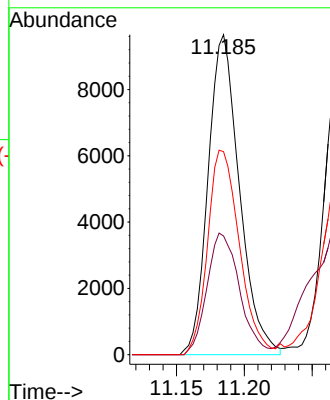
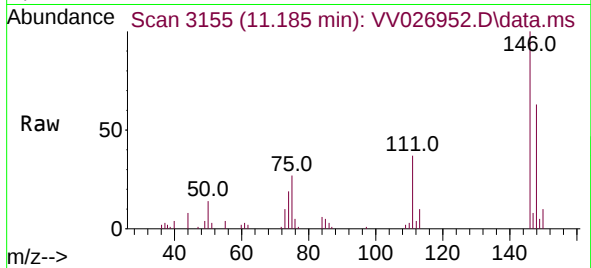




#64
1,3-Dichlorobenzene
Concen: 2.195 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

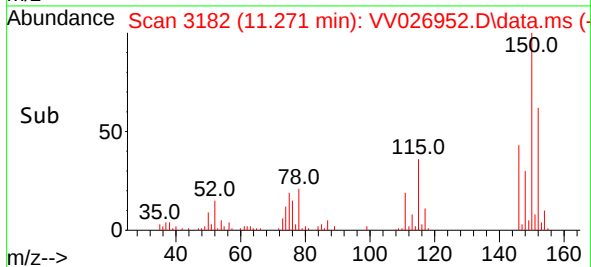
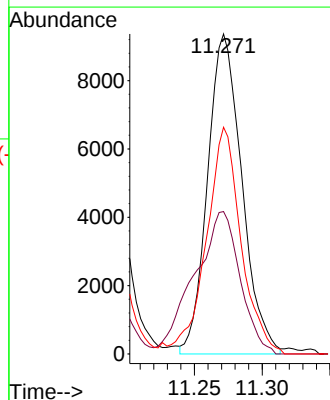
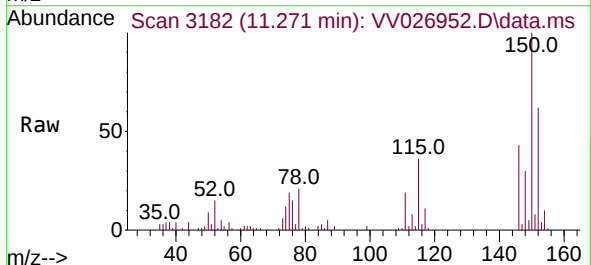
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

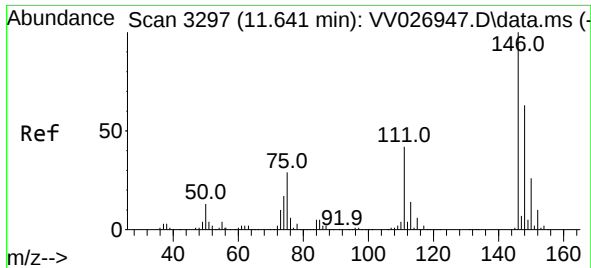
Tgt Ion:146 Resp: 15504
Ion Ratio Lower Upper
146 100
111 37.1 27.9 51.9
148 63.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 2.198 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:146 Resp: 16446
Ion Ratio Lower Upper
146 100
111 44.5 27.4 51.0
148 70.8 44.4 82.4

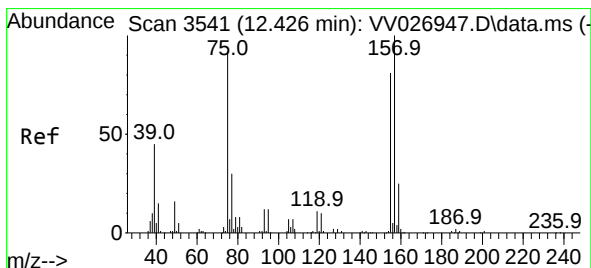
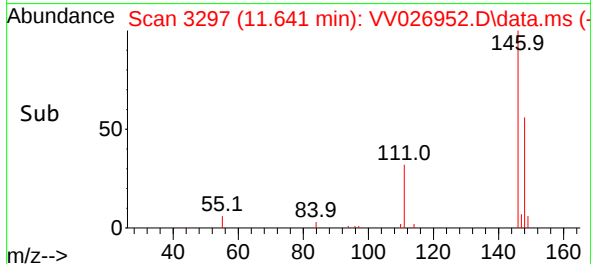
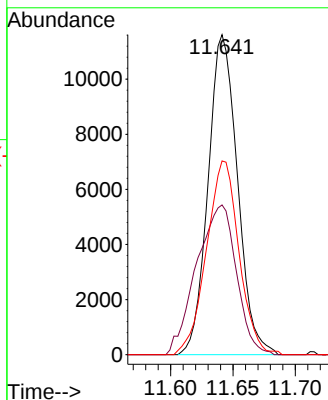
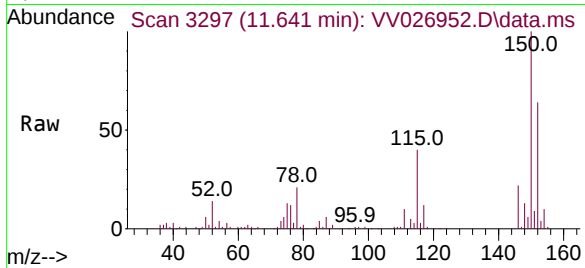




#67
1,2-Dichlorobenzene
Concen: 2.637 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

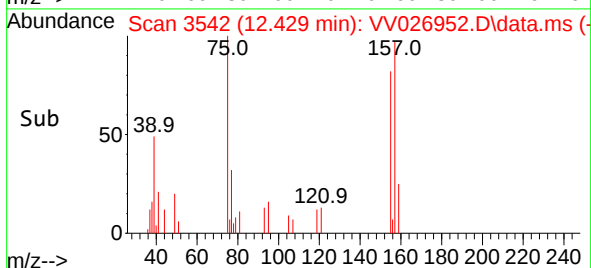
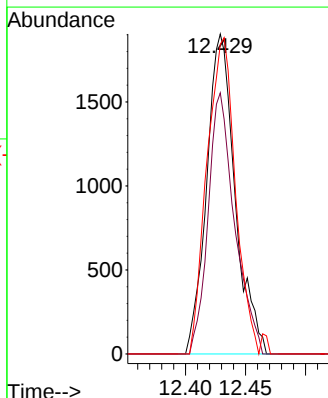
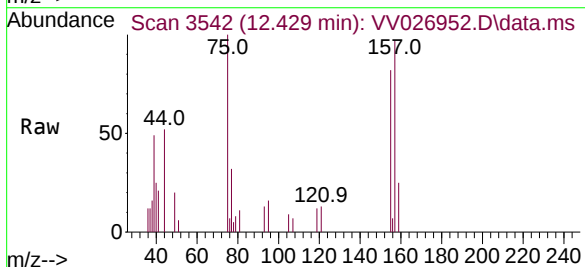
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2022-04

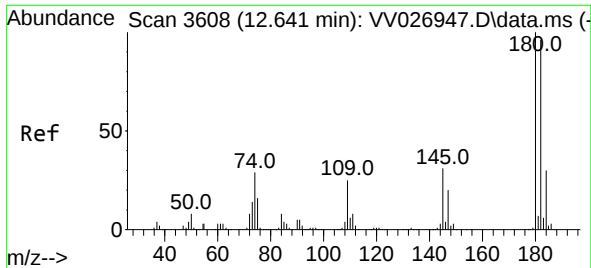
Tgt Ion:146	Resp:	19106
Ion Ratio	Lower	Upper
146	100	
111	46.8	33.2 49.8
148	60.5	51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 2.504 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion: 75	Resp:	3140
Ion Ratio	Lower	Upper
75	100	
155	81.6	67.7 101.5
157	96.7	87.1 130.7

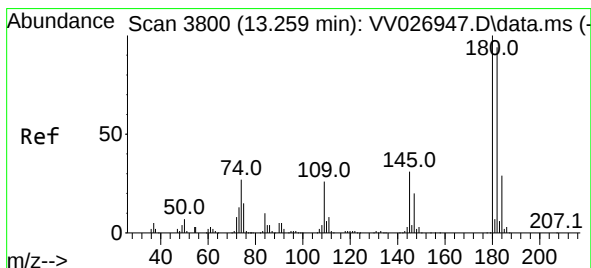
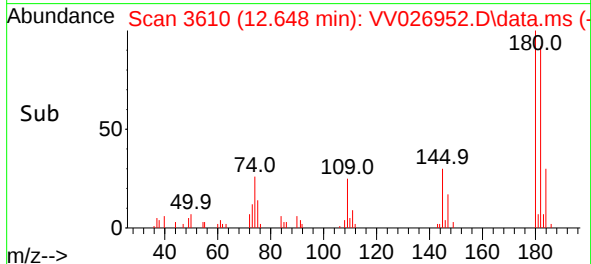
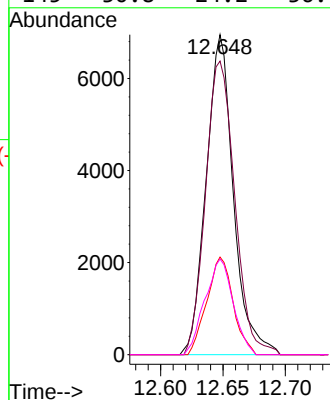
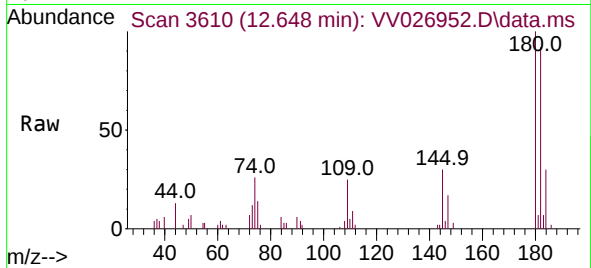




#69
 1,3,5-Trichlorobenzene
 Concen: 2.113 ug/L
 RT: 12.648 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

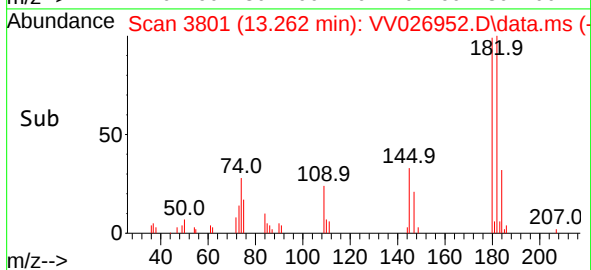
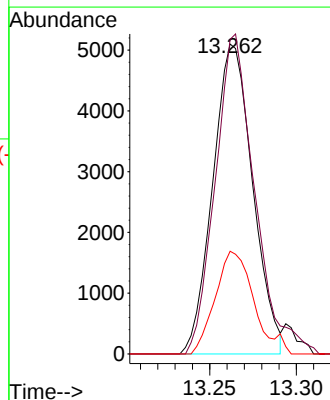
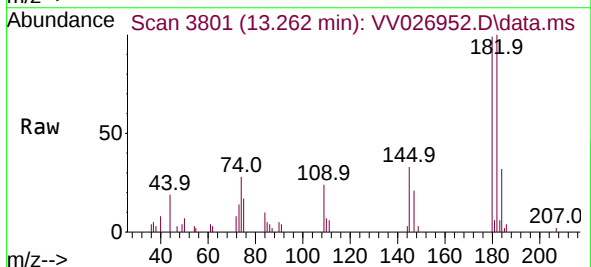
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-04

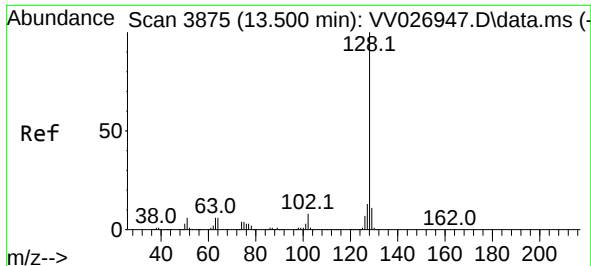
Tgt Ion:180	Resp:	10565
Ion Ratio	Lower	Upper
180	100	
182	98.3	75.6 113.4
184	29.4	23.8 35.8
145	30.8	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 1.937 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026952.D
 Acq: 26 Jul 2022 15:18

Tgt Ion:180	Resp:	8161
Ion Ratio	Lower	Upper
180	100	
182	102.0	76.2 114.4
145	30.9	25.0 37.6

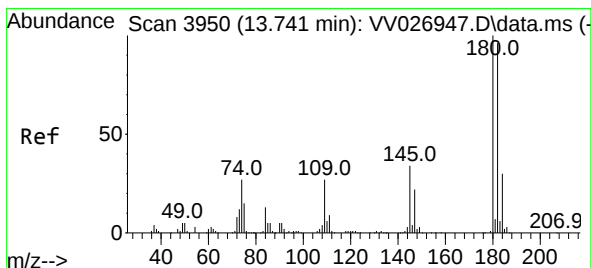
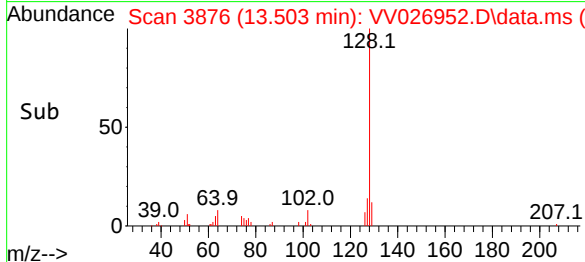
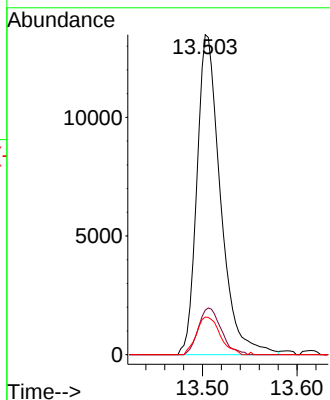
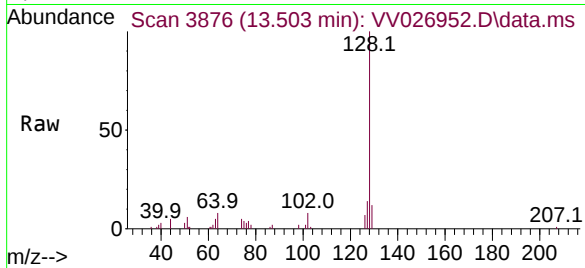




#71
Naphthalene
Concen: 1.765 ug/L
RT: 13.503 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

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

Tgt Ion:128	Resp:	23378
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.4 15.6
129	11.8	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.929 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV026952.D
Acq: 26 Jul 2022 15:18

Tgt Ion:180	Resp:	8476
Ion Ratio	Lower	Upper
180	100	
182	92.2	75.4 113.2
145	35.7	26.6 40.0

