

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050621\
 Data File : VW021306.D
 Acq On : 06 May 2021 13:57
 Operator : SY/MD
 Sample : M2250-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05

Manual Integrations
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 5/11/2021 1:12:04 PM

Quant Time: May 07 03:57:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	660035	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	632490	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	340021	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	157731	53.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.74%			
7) Chloroethane-d5	1.571	69	134212	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.58%			
11) 1,1-Dichloroethene-d2	2.108	63	302697	37.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.12%			
21) 2-Butanone-d5	3.905	46	174280	74.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 74.18%			
24) Chloroform-d	4.355	84	426695	45.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.58%			
26) 1,2-Dichloroethane-d4	5.037	65	332561	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.34%			
32) Benzene-d6	5.053	84	727851	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.94%			
36) 1,2-Dichloropropane-d6	6.072	67	178419	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.36%			
41) Toluene-d8	7.320	98	732607	48.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.06%			
43) trans-1,3-Dichloroprop...	7.625	79	123219	44.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.54%			
47) 2-Hexanone-d5	8.095	63	140415	81.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.26%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	262626	43.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.72%			
66) 1,2-Dichlorobenzene-d4	11.632	152	323092	48.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	12387	2.32	ug/L	91
3) Chloromethane	1.243	50	7169	2.24	ug/L	93
5) Vinyl chloride	1.311	62	9025m	2.26	ug/L	
6) Bromomethane	1.523	94	7215	2.30	ug/L	97
8) Chloroethane	1.587	64	5573	2.16	ug/L	96
9) Trichlorofluoromethane	1.754	101	20097	1.92	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	12505	2.70	ug/L #	84
12) 1,1-Dichloroethene	2.118	96	9325	2.26	ug/L #	1
13) Acetone	2.214	43	8773m	3.16	ug/L	
14) Carbon disulfide	2.294	76	22119	2.13	ug/L #	95
15) Methyl Acetate	2.449	43	8130m	2.42	ug/L	
16) Methylene chloride	2.513	84	10394	2.46	ug/L	86
17) trans-1,2-Dichloroethene	2.767	96	8134	1.97	ug/L	94
18) Methyl tert-butyl Ether	2.773	73	29156	1.97	ug/L #	90
19) 1,1-Dichloroethane	3.198	63	15048	2.10	ug/L	93
20) cis-1,2-Dichloroethene	3.918	96	10335m	2.27	ug/L	
22) 2-Butanone	4.002	43	8683m	3.28	ug/L	
23) Bromochloromethane	4.269	128	5321	2.04	ug/L #	82
25) Chloroform	4.378	83	23392m	2.48	ug/L	

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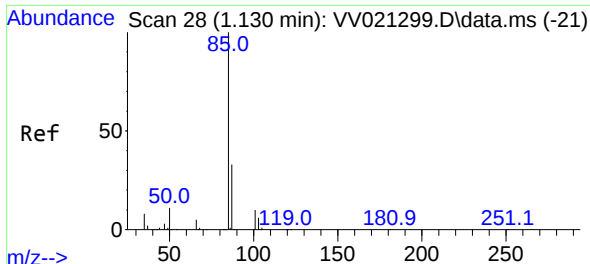
Manual Integrations
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Quant Time: May 07 03:57:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	14776	1.72	ug/L #	94
29) Cyclohexane	4.687	56	9810	1.85	ug/L #	63
30) 1,1,1-Trichloroethane	4.609	97	23969m	2.43	ug/L	
31) Carbon tetrachloride	4.838	117	17693	1.93	ug/L #	54
33) Benzene	5.111	78	35604	2.20	ug/L	100
34) Trichloroethene	5.918	95	10446	2.01	ug/L #	83
35) Methylcyclohexane	6.133	83	13050	1.92	ug/L #	81
37) 1,2-Dichloropropane	6.178	63	6893	2.02	ug/L #	96
38) Bromodichloromethane	6.516	83	13482	1.86	ug/L	88
39) cis-1,3-Dichloropropene	7.040	75	10734	1.61	ug/L	84
40) 4-Methyl-2-pentanone	7.240	43	16992	3.51	ug/L #	91
42) Toluene	7.397	91	45411	2.41	ug/L	93
44) trans-1,3-Dichloropropene	7.661	75	12920	1.78	ug/L	92
45) 1,1,2-Trichloroethane	7.847	97	8351	1.90	ug/L #	79
46) Tetrachloroethene	7.982	164	9806	2.19	ug/L #	78
48) 2-Hexanone	8.153	43	31841	8.19	ug/L #	46
49) Dibromochloromethane	8.252	129	12706	2.04	ug/L	96
50) 1,2-Dibromoethane	8.362	107	10098	2.04	ug/L #	97
51) Chlorobenzene	8.889	112	28501	2.19	ug/L	94
52) Ethylbenzene	9.021	91	42539	1.95	ug/L	95
53) m,p-Xylene	9.146	106	15826	1.85	ug/L	76
54) o-Xylene	9.551	106	14537	1.76	ug/L	79
55) Styrene	9.574	104	24644	1.76	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.249	83	12819	2.16	ug/L #	76
59) Bromoform	9.741	173	10600	2.33	ug/L #	89
60) Isopropylbenzene	9.940	105	45076	2.07	ug/L #	93
61) 1,2,3-Trichloropropane	10.278	75	12301	2.21	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	35885	1.89	ug/L	95
63) 1,2,4-Trimethylbenzene	10.924	105	35642	1.87	ug/L	88
64) 1,3-Dichlorobenzene	11.191	146	19073	1.81	ug/L	93
65) 1,4-Dichlorobenzene	11.281	146	21900	2.03	ug/L	95
67) 1,2-Dichlorobenzene	11.648	146	23549	2.21	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.439	75	3354	1.73	ug/L	88
69) 1,3,5-Trichlorobenzene	12.654	180	15094	1.85	ug/L	96
70) 1,2,4-trichlorobenzene	13.275	180	9423	1.42	ug/L	96
71) Naphthalene	13.516	128	19275	1.06	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.754	180	10737	1.60	ug/L	99

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



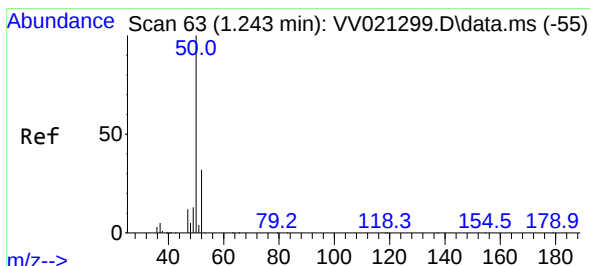
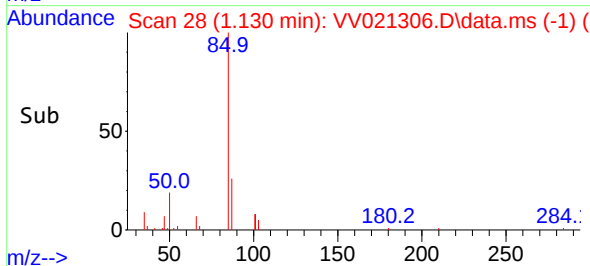
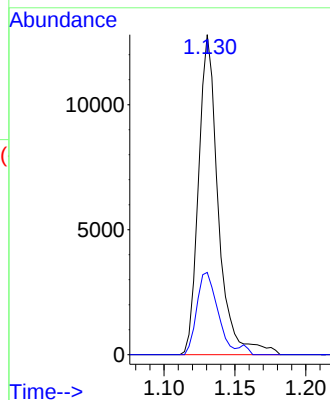
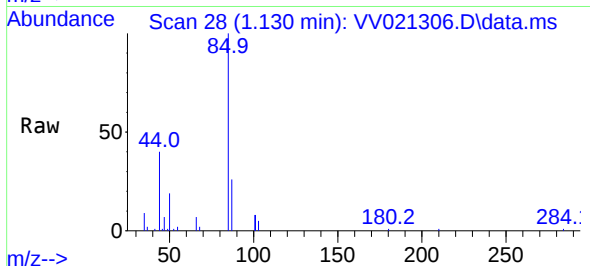
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Dichlorodifluoromethane
Concen: 2.32 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 85 Resp: 12387
Ion Ratio Lower Upper
85 100
87 27.0 25.8 38.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

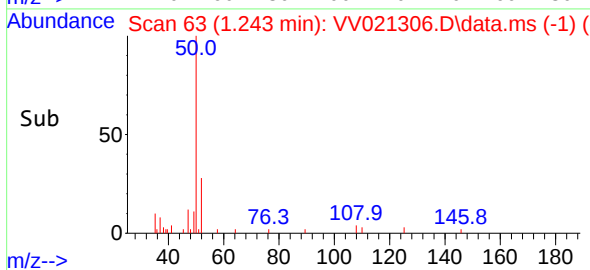
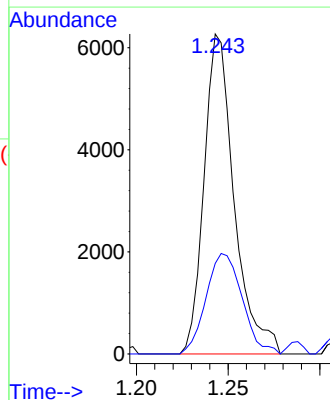
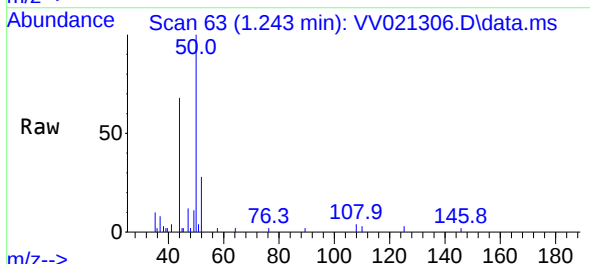
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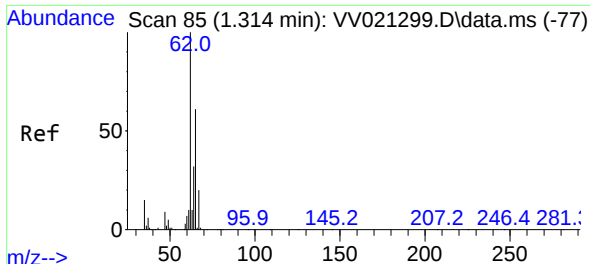
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#3
Chloromethane
Concen: 2.24 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 50 Resp: 7169
Ion Ratio Lower Upper
50 100
52 28.3 22.7 42.1





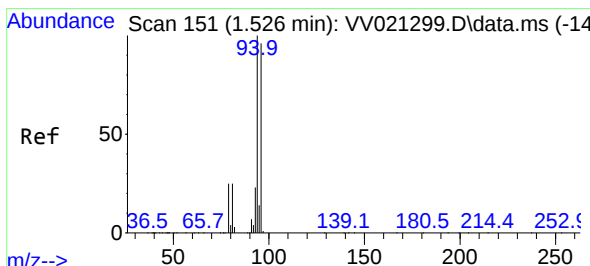
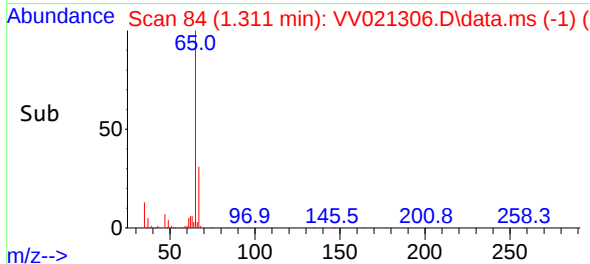
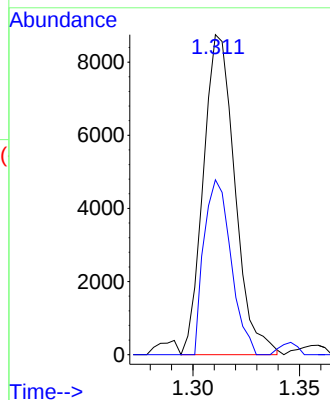
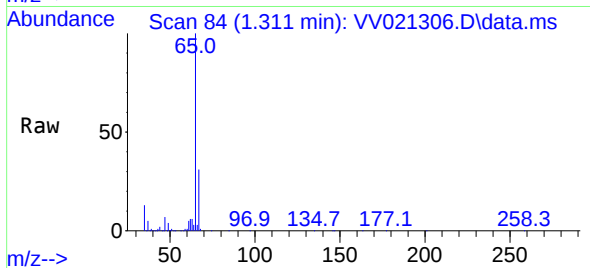
#5
 Vinyl chloride
 Concen: 2.26 ug/L m
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021306.D
 Acq: 06 May 2021 13:57

Tgt Ion: 62 Resp: 9025
 Ion Ratio Lower Upper
 62 100
 64 54.6 23.2 43.2#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-05

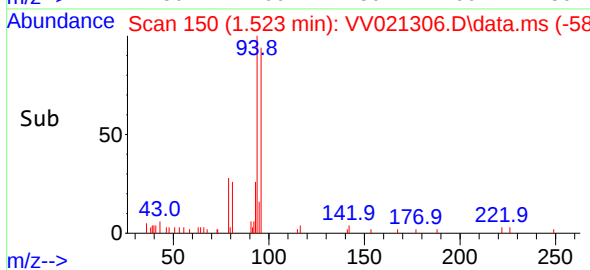
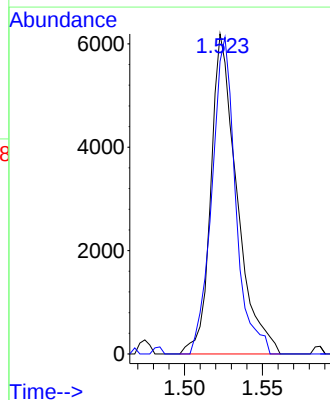
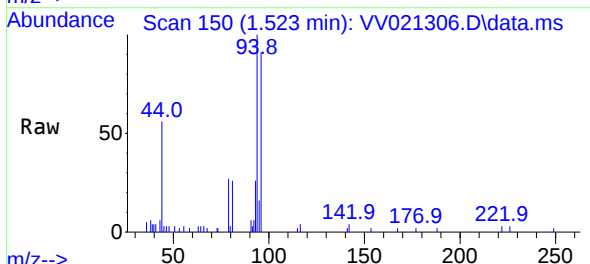
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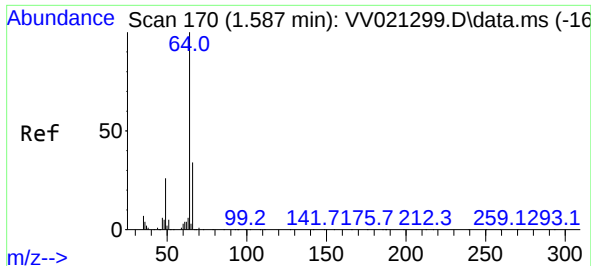
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#6
 Bromomethane
 Concen: 2.30 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV021306.D
 Acq: 06 May 2021 13:57

Tgt Ion: 94 Resp: 7215
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.7 122.1





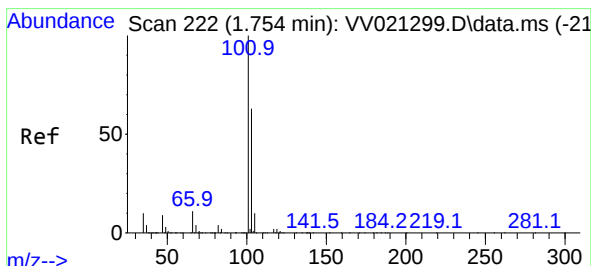
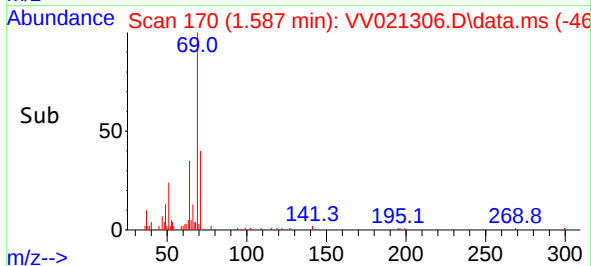
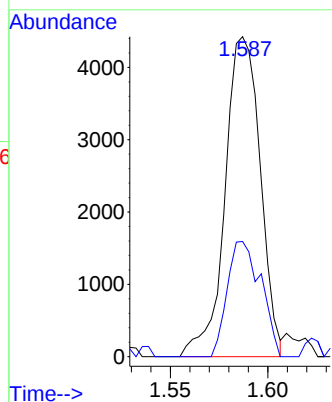
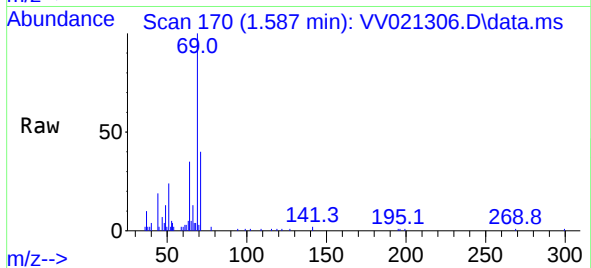
#8
Chloroethane
Concen: 2.16 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 64 Resp: 5573
Ion Ratio Lower Upper
64 100
66 36.0 23.7 43.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

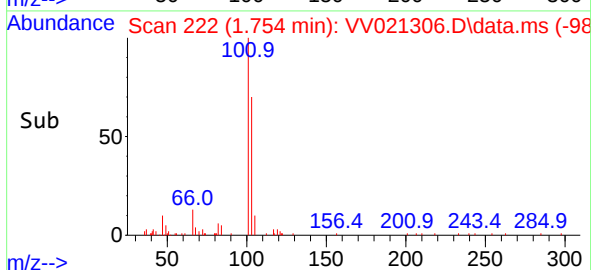
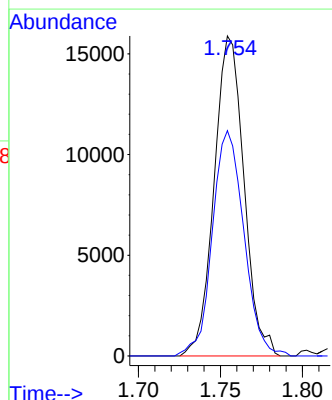
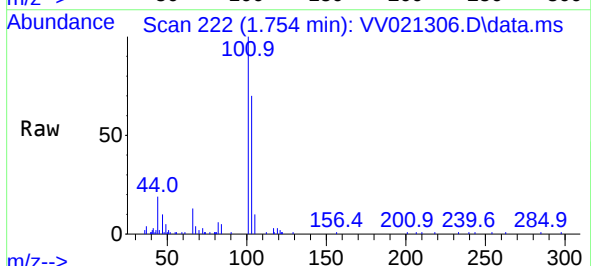
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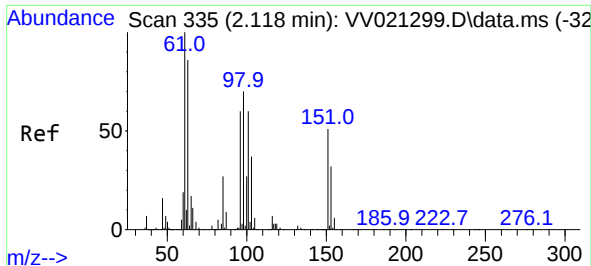
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#9
Trichlorofluoromethane
Concen: 1.92 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 101 Resp: 20097
Ion Ratio Lower Upper
101 100
103 74.4 53.0 79.6





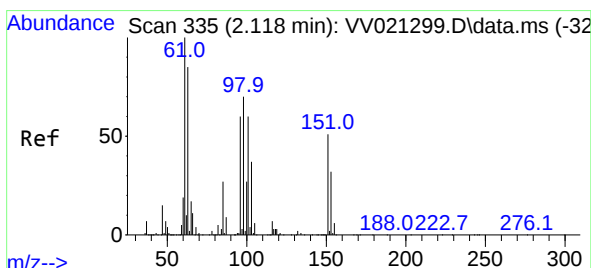
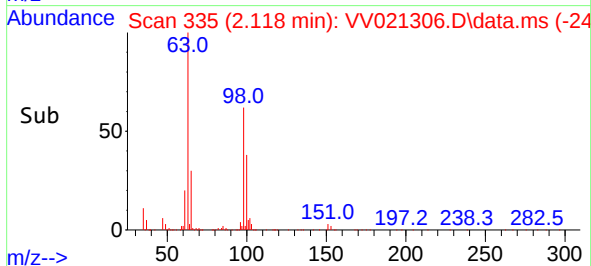
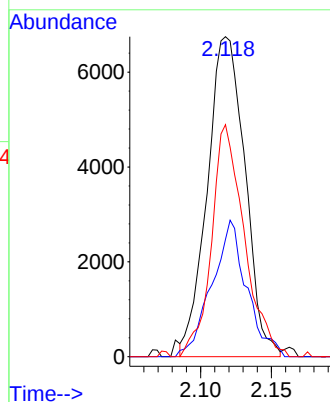
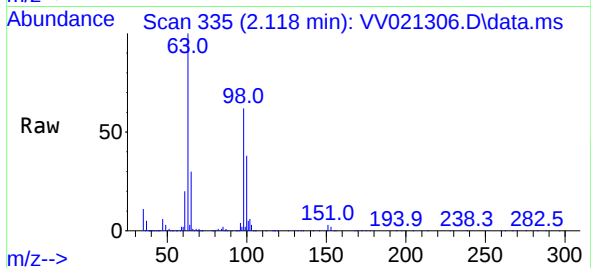
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.70 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	101	Resp:	12505
Ion Ratio	Lower	Upper	
101	100		
85	38.2	35.4	53.2
151	63.1	63.9	95.9#

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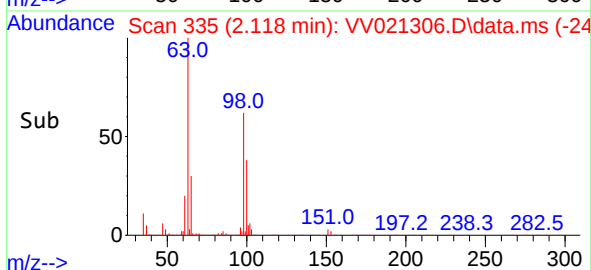
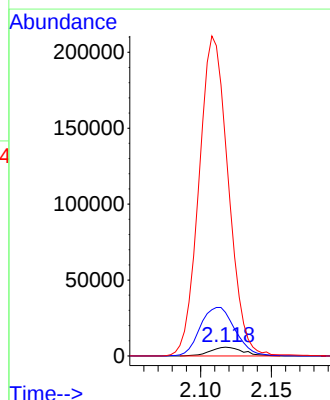
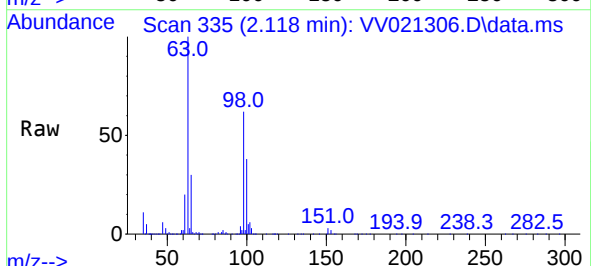
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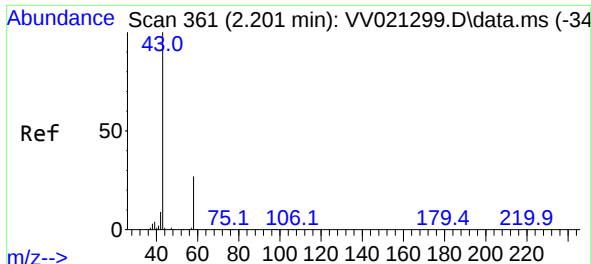
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#12
1,1-Dichloroethene
Concen: 2.26 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	96	Resp:	9325
Ion Ratio	Lower	Upper	
96	100		
61	493.7	121.4	225.6#
63	2417.5	98.1	182.1#





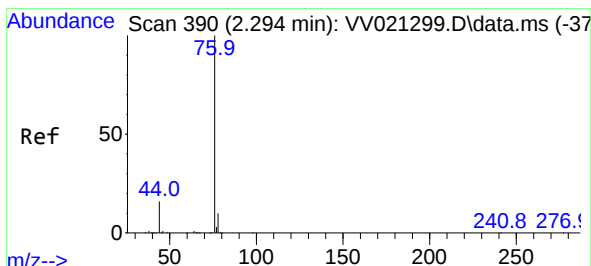
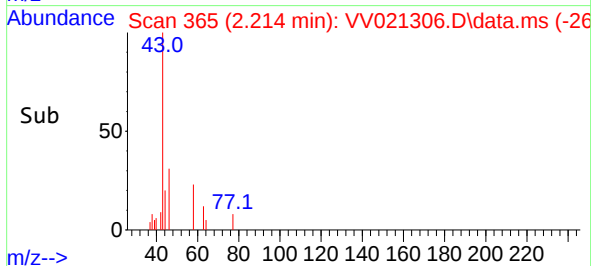
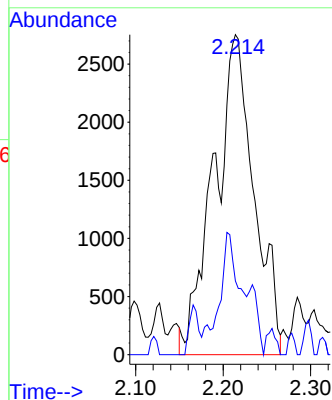
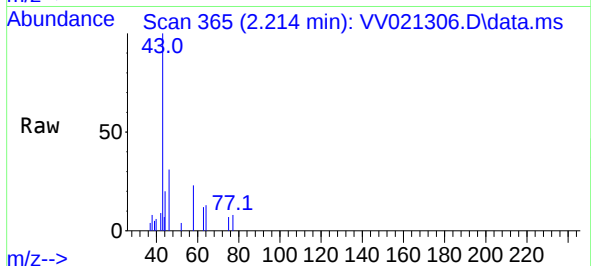
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Acetone
Concen: 3.16 ug/L m
RT: 2.214 min Scan# 365
Delta R.T. 0.013 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 43 Resp: 8773
Ion Ratio Lower Upper
43 100
58 17.4 0.0 30.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

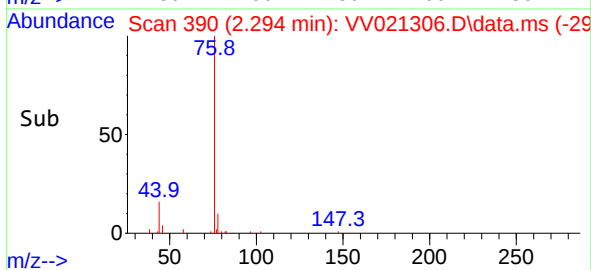
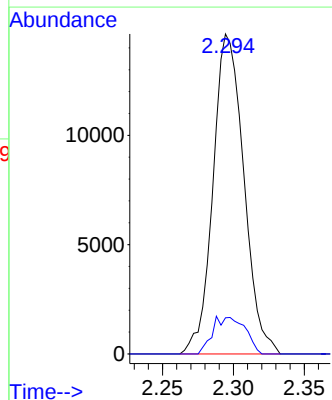
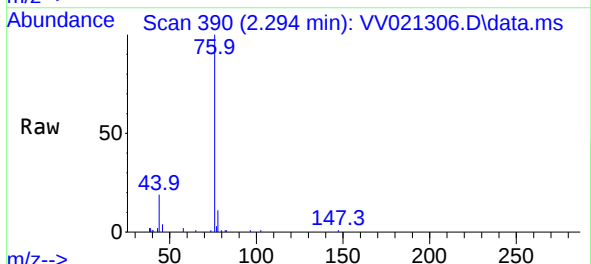
Manual Integrations
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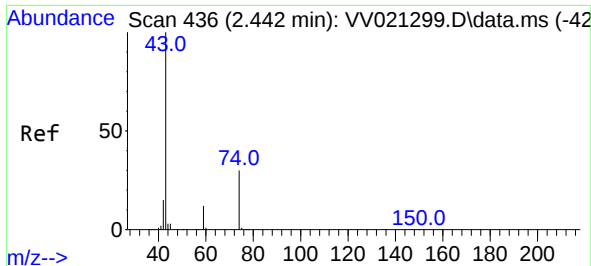
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5/11/2021 1:12:04 PM



#14
Carbon disulfide
Concen: 2.13 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 76 Resp: 22119
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.2#





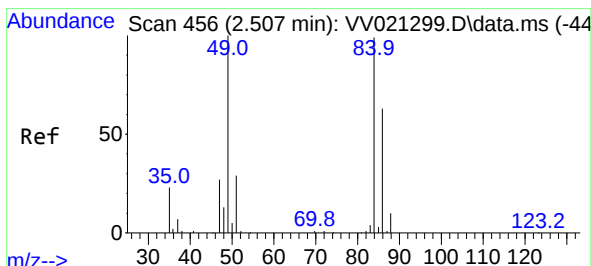
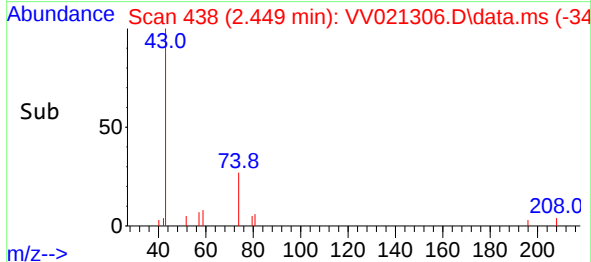
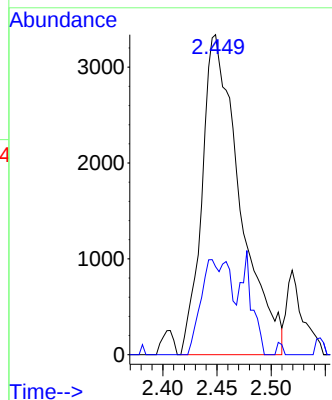
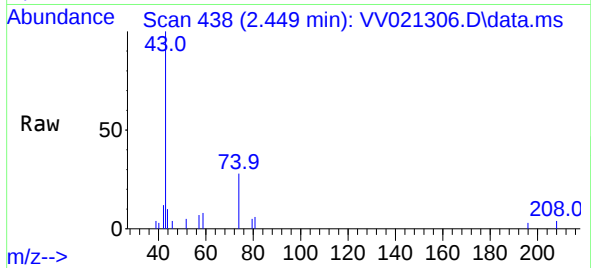
#15
Methyl Acetate
Concen: 2.42 ug/L m
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 43 Resp: 8130
Ion Ratio Lower Upper
43 100
74 0.7 21.2 31.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

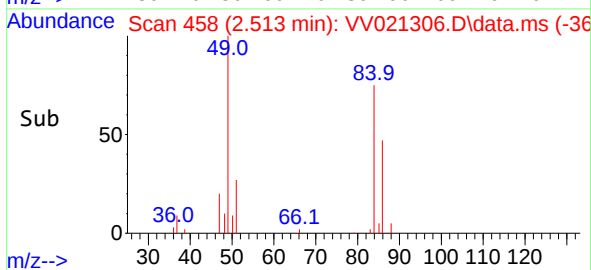
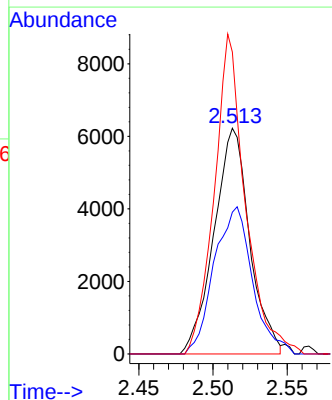
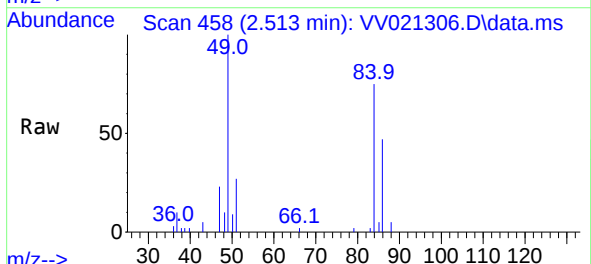
Manual Integrations
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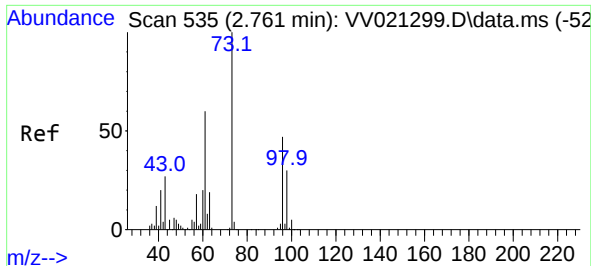
MMDadoda
5/11/2021 1:12:04 PM



#16
Methylene chloride
Concen: 2.46 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 84 Resp: 10394
Ion Ratio Lower Upper
84 100
86 62.8 44.9 83.5
49 133.7 78.1 145.1





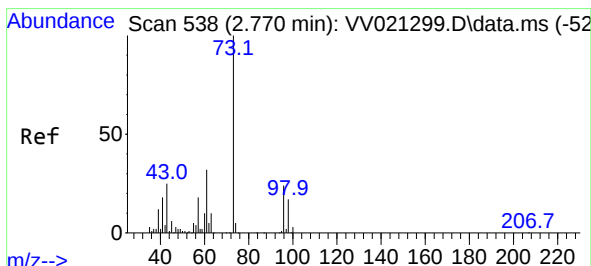
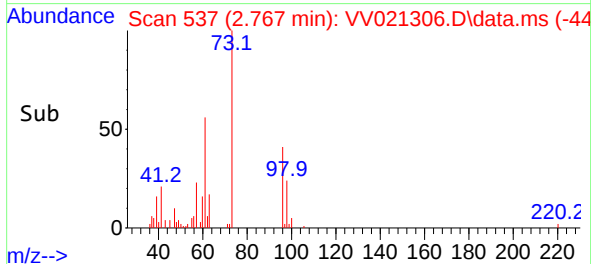
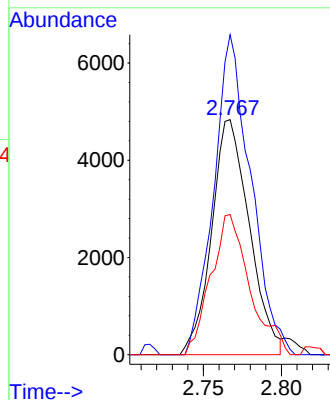
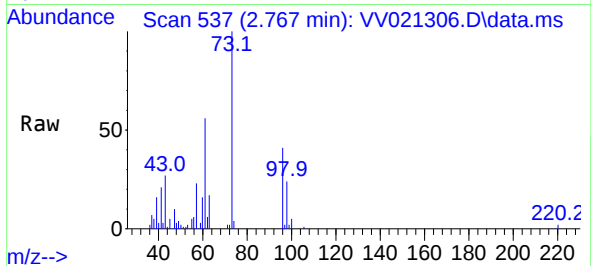
#17
trans-1,2-Dichloroethene
Concen: 1.97 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 96 Resp: 8134
Ion Ratio Lower Upper
96 100
61 136.1 89.3 165.9
98 59.7 44.1 81.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

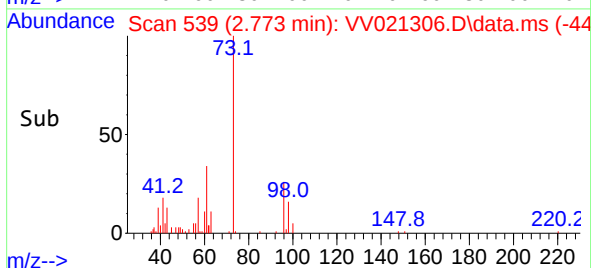
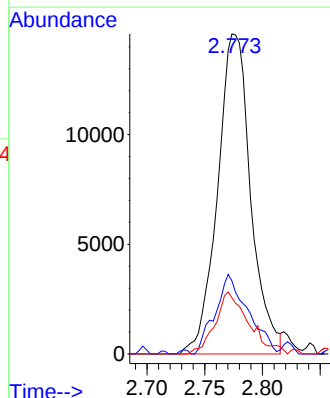
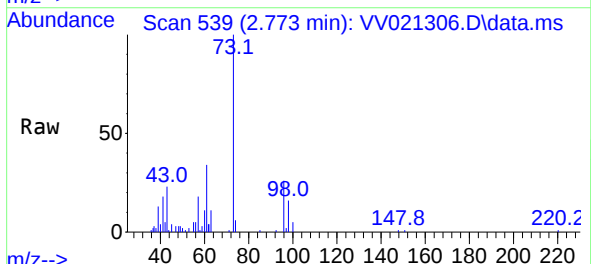
Manual Integrations
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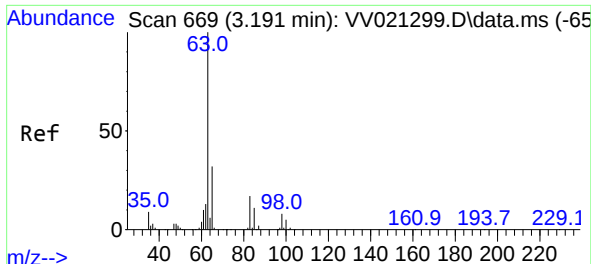
MMDadoda
5/11/2021 1:12:04 PM



#18
Methyl tert-butyl Ether
Concen: 1.97 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 73 Resp: 29156
Ion Ratio Lower Upper
73 100
43 24.6 14.7 22.1#
57 16.9 15.9 23.9





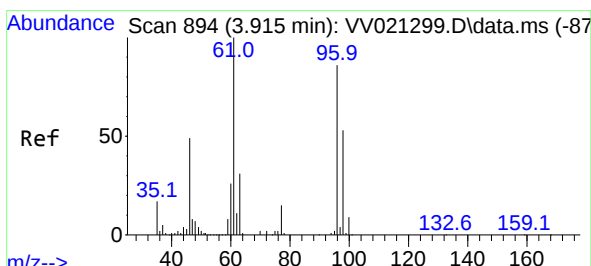
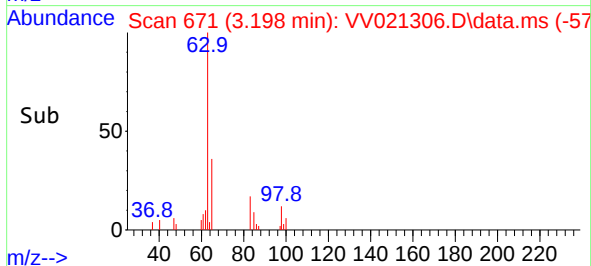
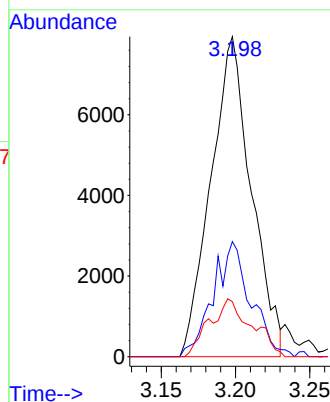
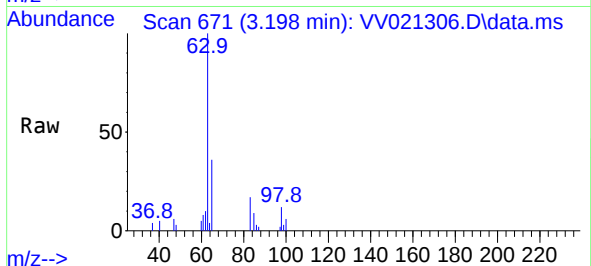
#19
1,1-Dichloroethane
Concen: 2.10 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	63	Resp:	15048
Ion	Ratio	Lower	Upper
63	100		
65	35.9	21.9	40.7
83	17.2	10.6	19.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

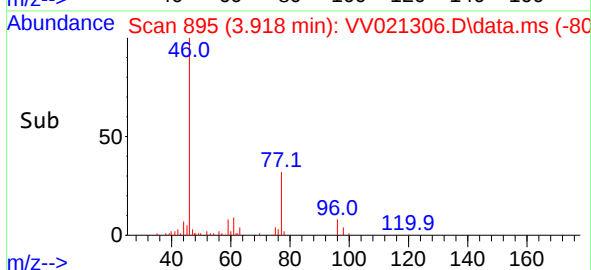
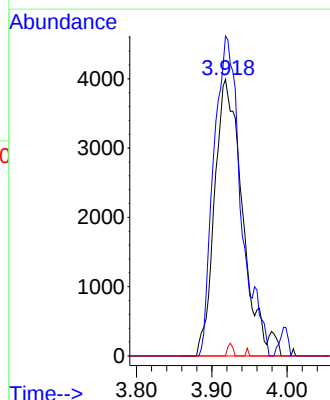
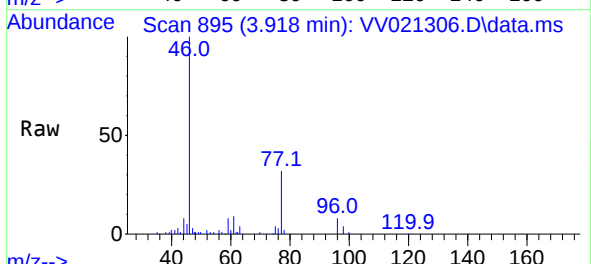
Manual Integrations
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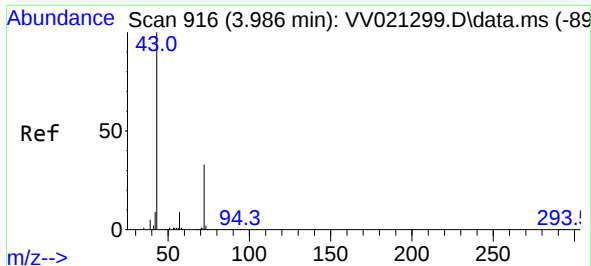
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#20
cis-1,2-Dichloroethene
Concen: 2.27 ug/L m
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	96	Resp:	10335
Ion	Ratio	Lower	Upper
96	100		
61	115.7	84.4	156.7
68	0.0	0.0	0.0





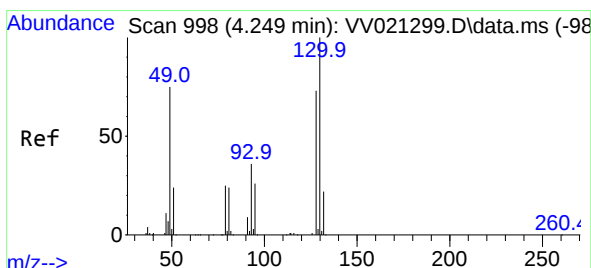
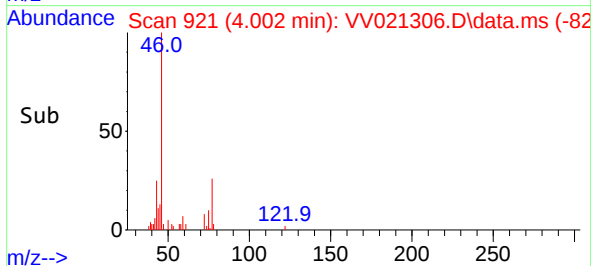
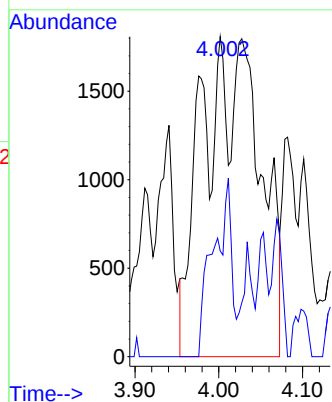
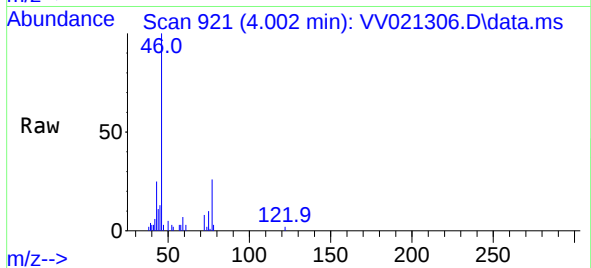
#22
2-Butanone
Concen: 3.28 ug/L m
RT: 4.002 min Scan# 921
Delta R.T. 0.016 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 43 Resp: 8683
Ion Ratio Lower Upper
43 100
72 4.4 13.2 39.6#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

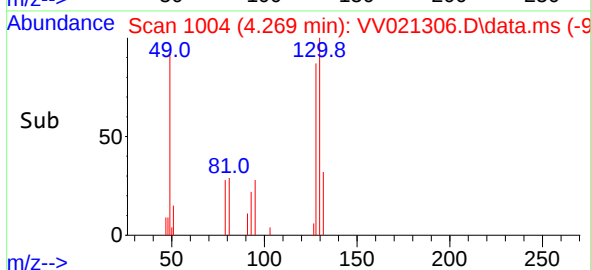
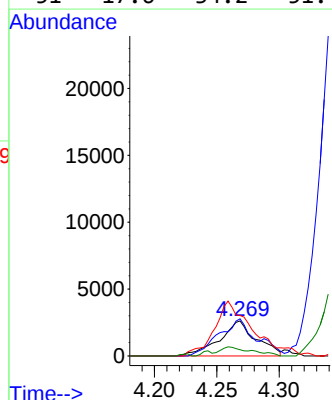
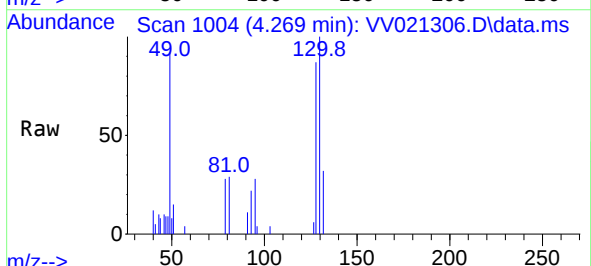
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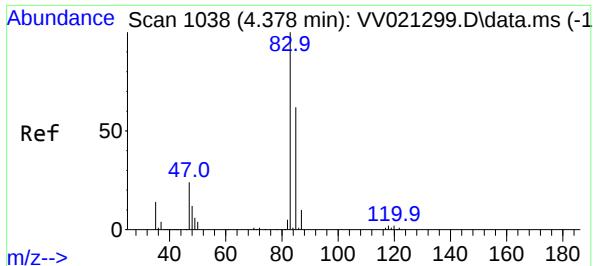
MMDadoda
5/11/2021 1:12:04 PM



#23
Bromochloromethane
Concen: 2.04 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.019 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 128 Resp: 5321
Ion Ratio Lower Upper
128 100
49 105.8 91.3 169.6
130 115.2 86.8 161.2
51 17.6 34.2 51.4#





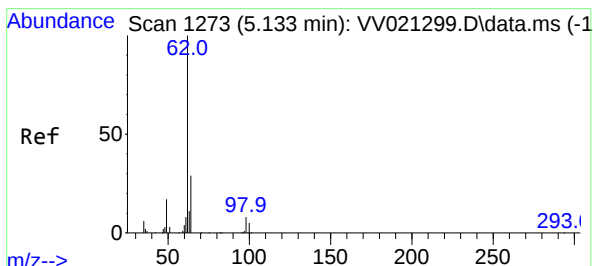
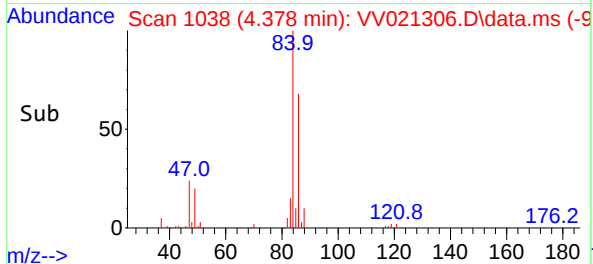
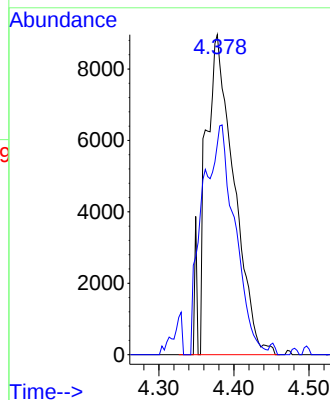
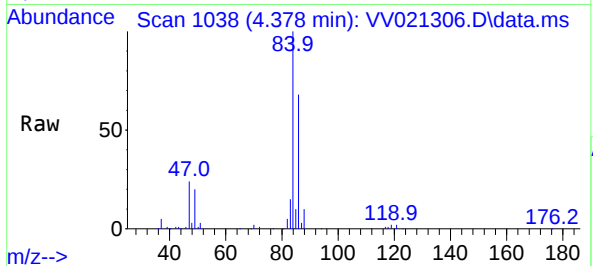
#25
Chloroform
Concen: 2.48 ug/L m
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 83 Resp: 23392
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

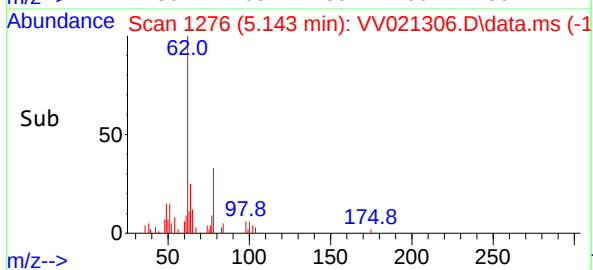
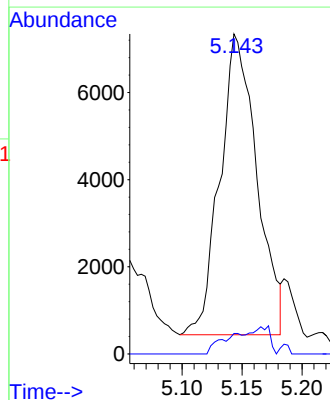
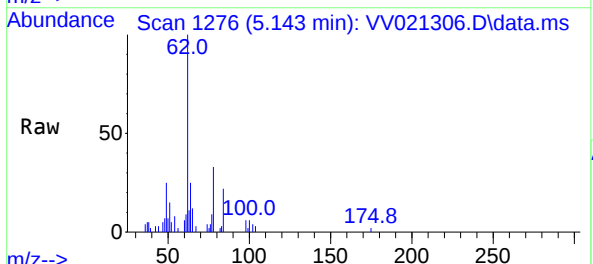
Manual Integrations
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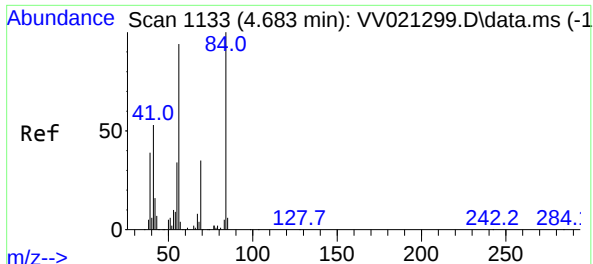
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#27
1,2-Dichloroethane
Concen: 1.72 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.010 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 62 Resp: 14776
Ion Ratio Lower Upper
62 100
98 6.4 6.7 10.1#





#29

Cyclohexane

Concen: 1.85 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VV021306.D

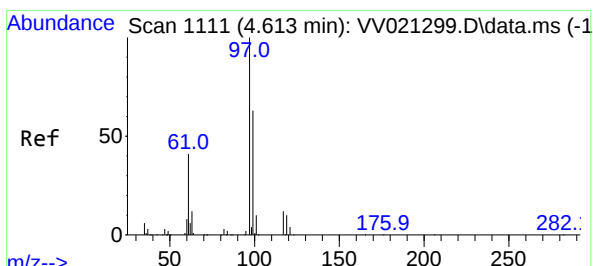
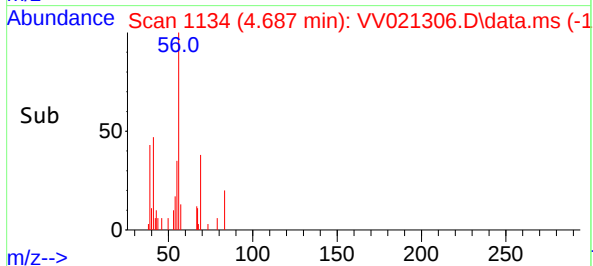
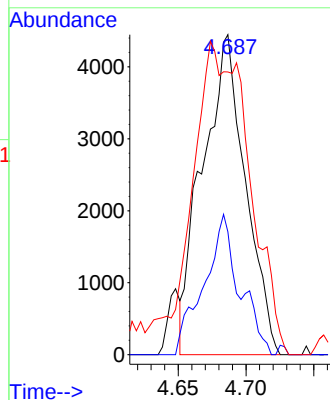
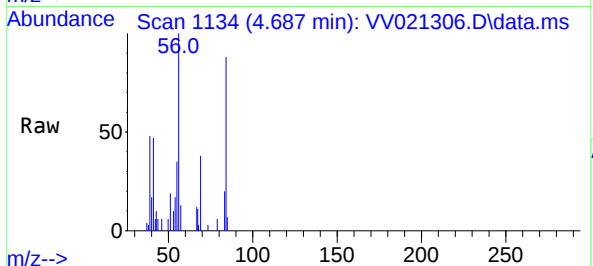
Acq: 06 May 2021 13:57

Tgt Ion:	56	Resp:	9810
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.7	38.5
84	48.2	75.7	113.5#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 2.43 ug/L m

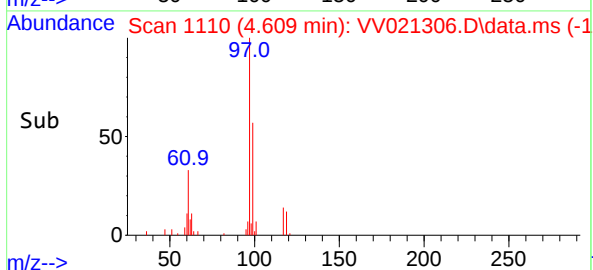
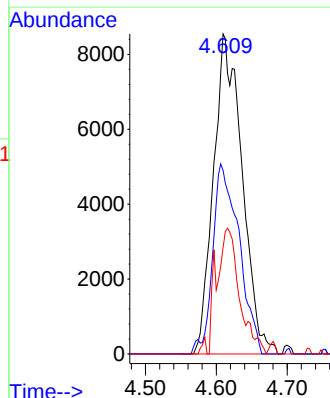
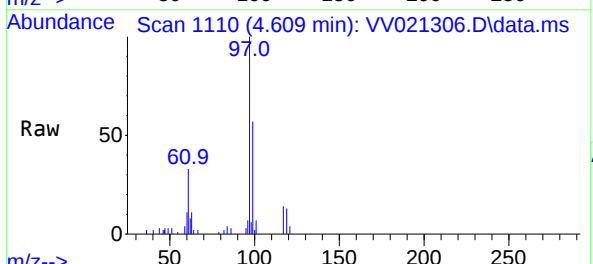
RT: 4.609 min Scan# 1110

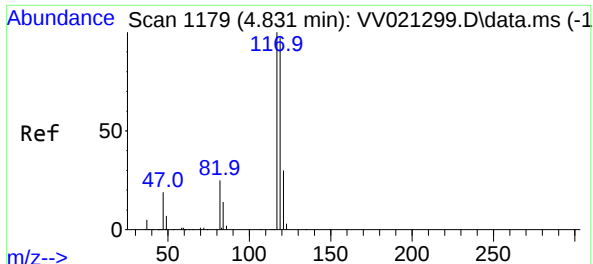
Delta R.T. -0.003 min

Lab File: VV021306.D

Acq: 06 May 2021 13:57

Tgt Ion:	97	Resp:	23969
Ion	Ratio	Lower	Upper
97	100		
99	53.6	51.6	77.4
61	18.0	32.1	48.1#





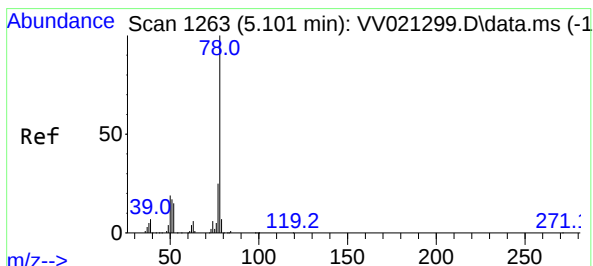
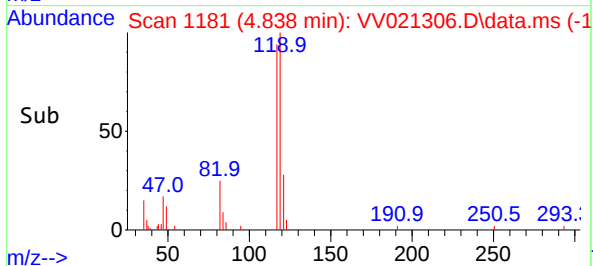
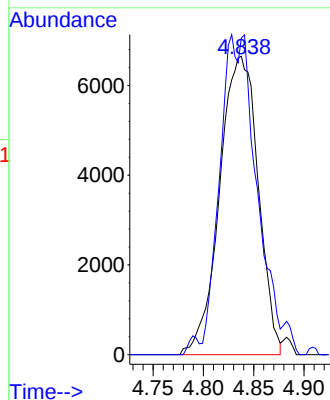
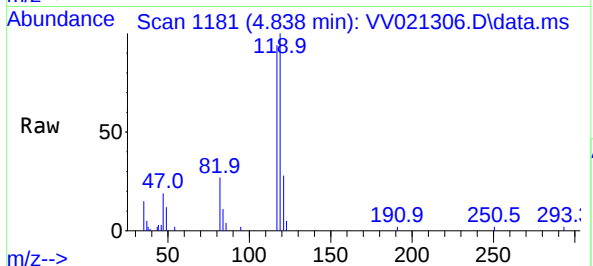
#31
Carbon tetrachloride
Concen: 1.93 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:117 Resp: 17693
Ion Ratio Lower Upper
117 100
119 49.8 75.4 113.2#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

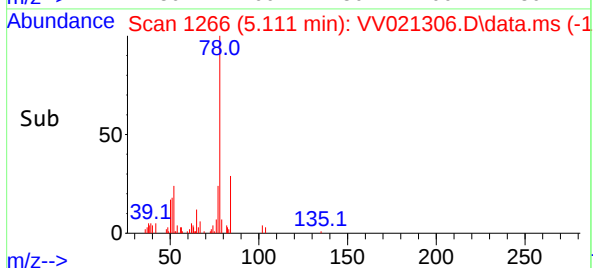
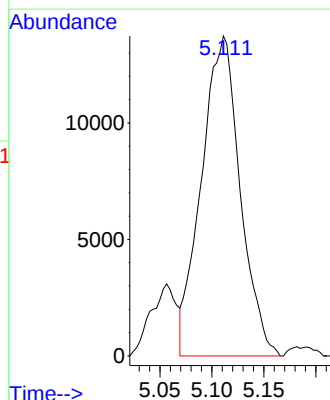
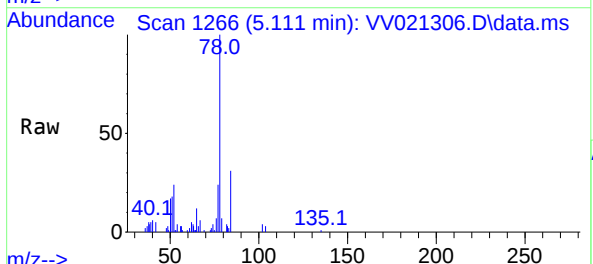
Manual Integrations
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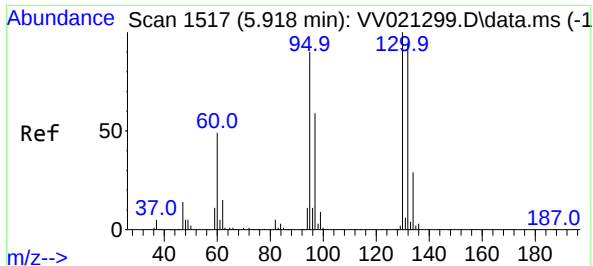
MMDadoda
5/11/2021 1:12:04 PM



#33
Benzene
Concen: 2.20 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

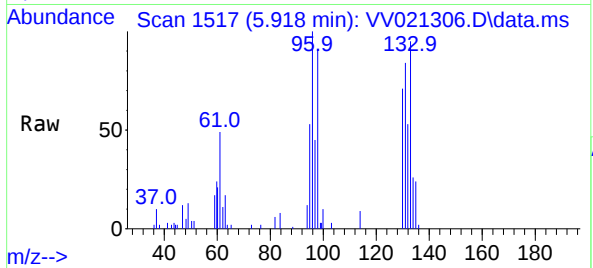
Tgt Ion: 78 Resp: 35604





#34
Trichloroethene
Concen: 2.01 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

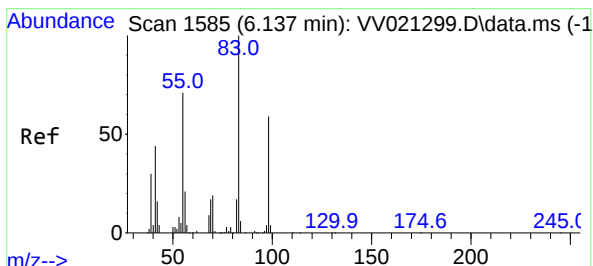
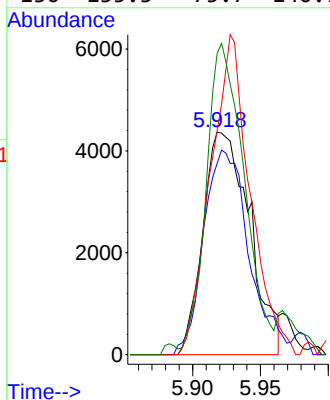
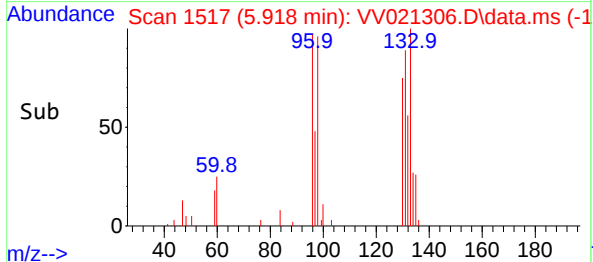
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05



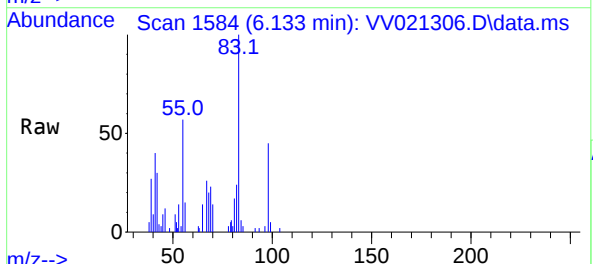
Tgt Ion: 95 Resp: 10446
Ion Ratio Lower Upper
95 100
97 86.0 45.5 84.5#
132 100.5 71.0 131.8
130 135.3 75.7 140.7

Manual Integrations
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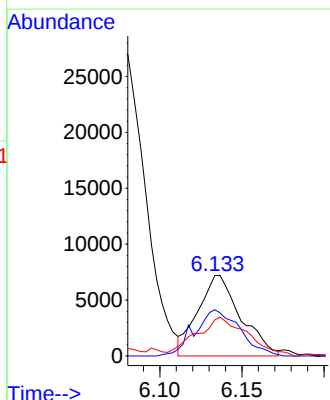
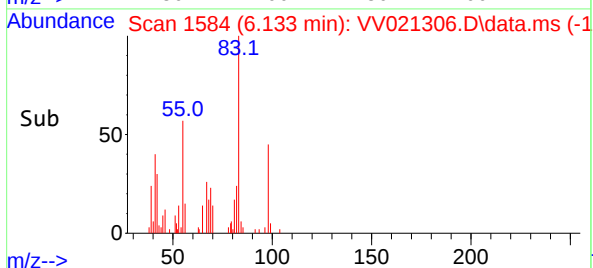
MMDadoda
5/11/2021 1:12:04 PM

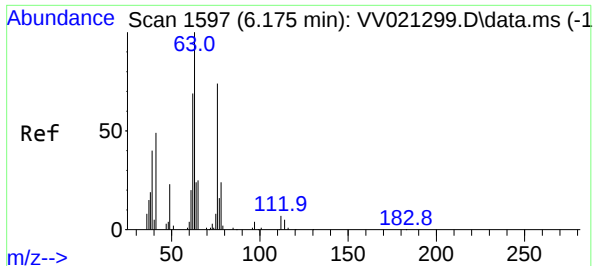


#35
Methylcyclohexane
Concen: 1.92 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



Tgt Ion: 83 Resp: 13050
Ion Ratio Lower Upper
83 100
55 50.6 58.2 87.2#
98 44.8 40.6 60.8





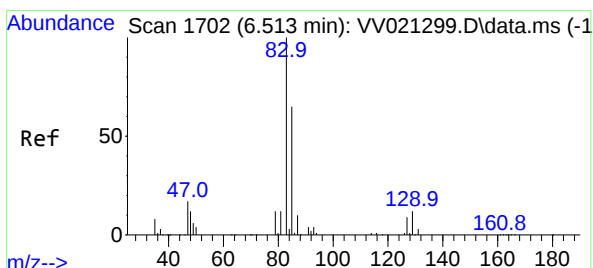
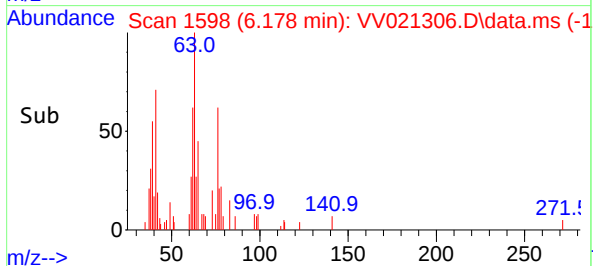
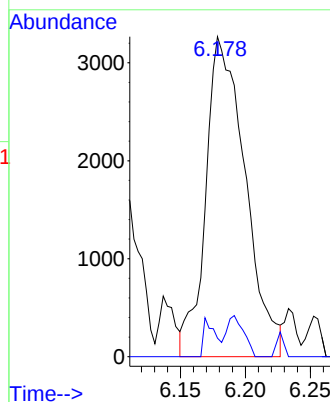
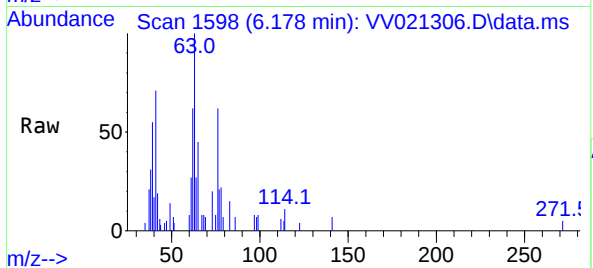
#37
1,2-Dichloropropane
Concen: 2.02 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 63 Resp: 6893
Ion Ratio Lower Upper
63 100
112 3.7 3.9 5.9#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

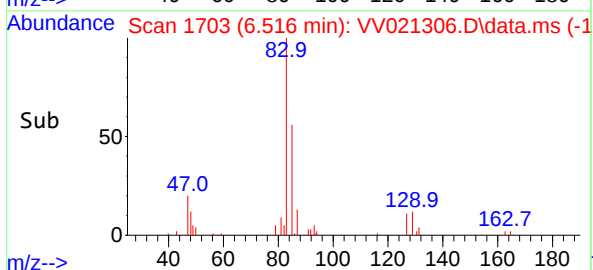
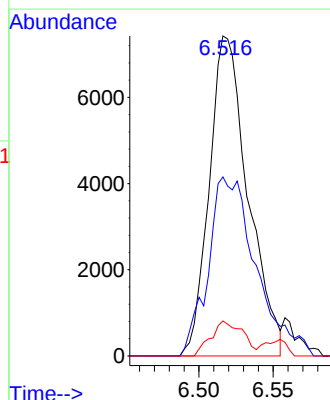
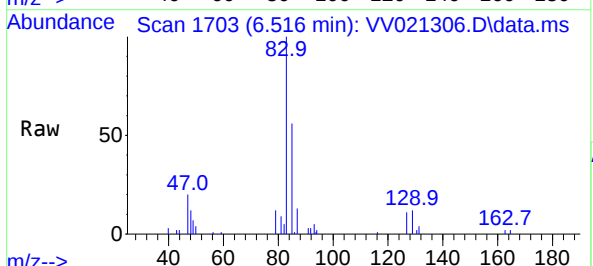
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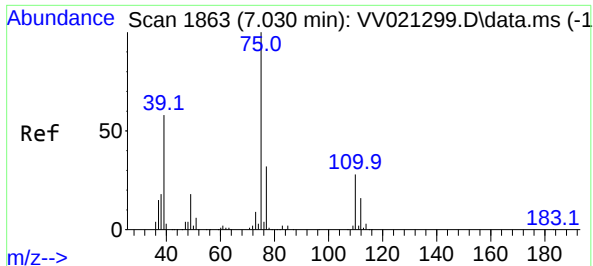
MMDadoda
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#38
Bromodichloromethane
Concen: 1.86 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

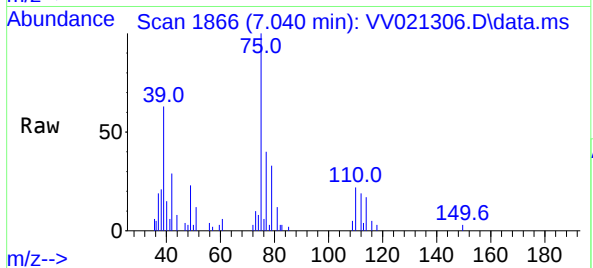
Tgt Ion: 83 Resp: 13482
Ion Ratio Lower Upper
83 100
85 56.0 46.2 85.8
127 10.9 7.4 11.0





#39
cis-1,3-Dichloropropene
Concen: 1.61 ug/L
RT: 7.040 min Scan# 1866
Delta R.T. 0.010 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

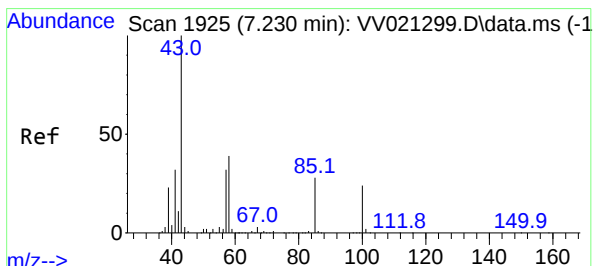
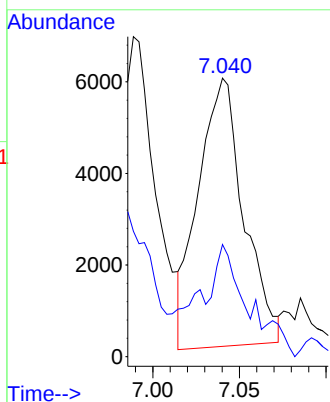
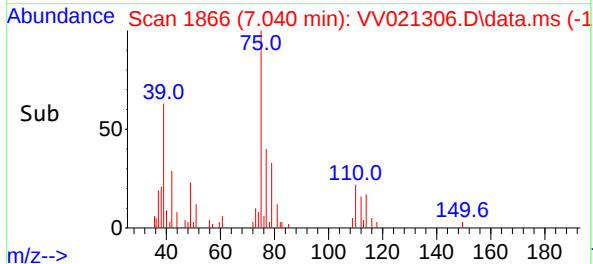
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05



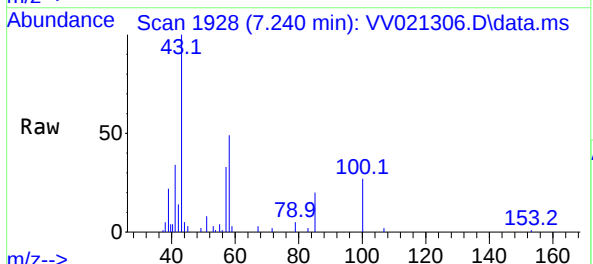
Tgt Ion: 75 Resp: 10734
Ion Ratio Lower Upper
75 100
77 40.3 21.8 40.6

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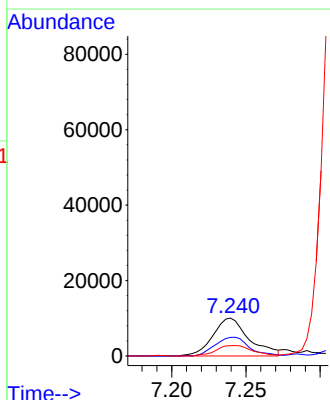
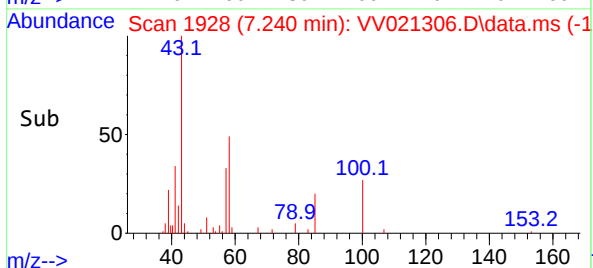
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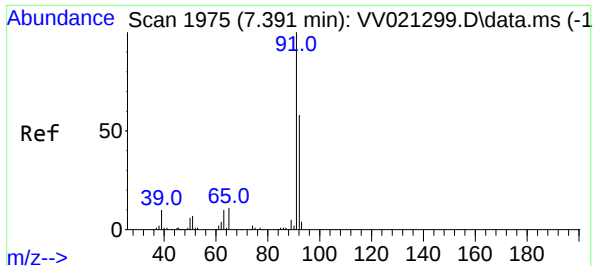


#40
4-Methyl-2-pentanone
Concen: 3.51 ug/L
RT: 7.240 min Scan# 1928
Delta R.T. 0.010 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



Tgt Ion: 43 Resp: 16992
Ion Ratio Lower Upper
43 100
58 46.3 34.5 51.7
100 27.7 15.2 22.8#





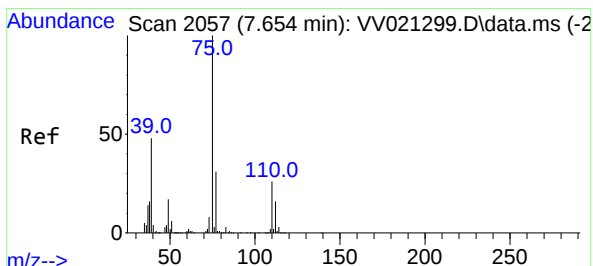
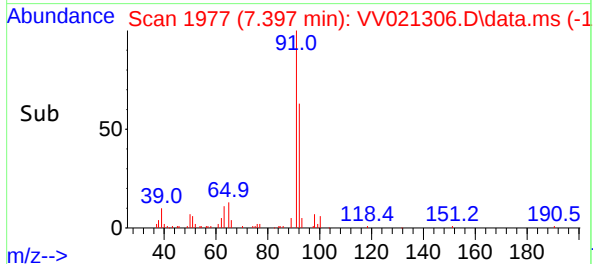
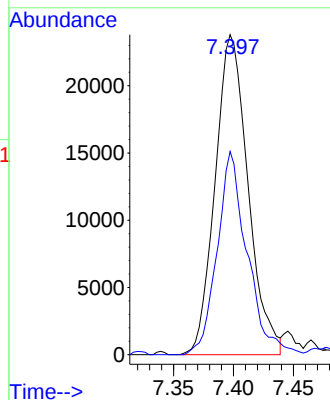
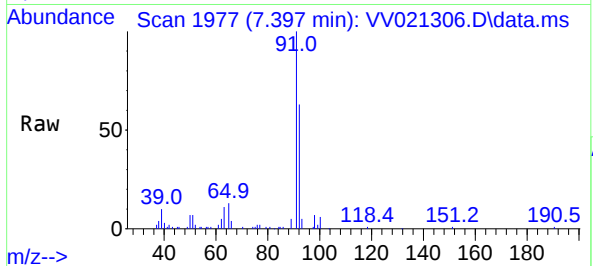
#42
Toluene
Concen: 2.41 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 91 Resp: 45411
Ion Ratio Lower Upper
91 100
92 63.5 41.0 76.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

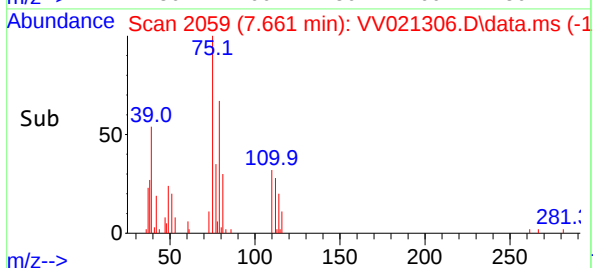
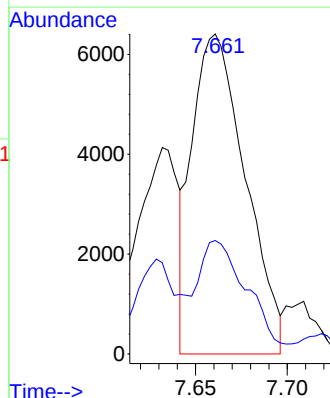
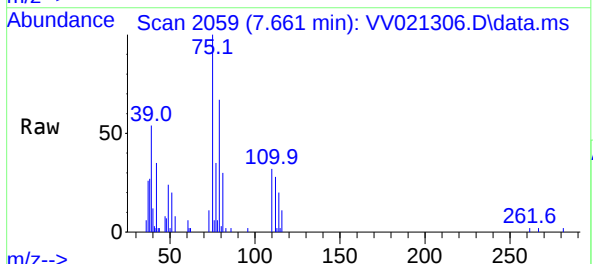
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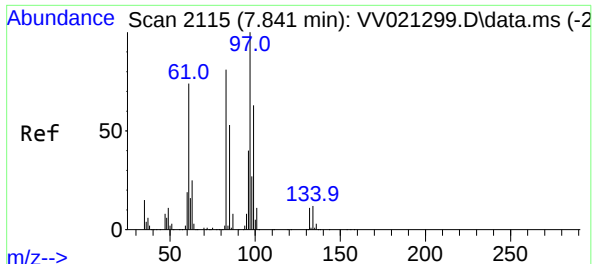
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#44
trans-1,3-Dichloropropene
Concen: 1.78 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 75 Resp: 12920
Ion Ratio Lower Upper
75 100
77 35.5 21.8 40.6





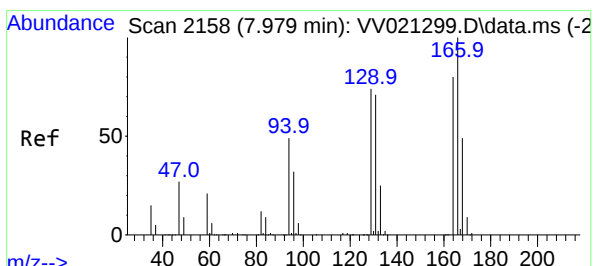
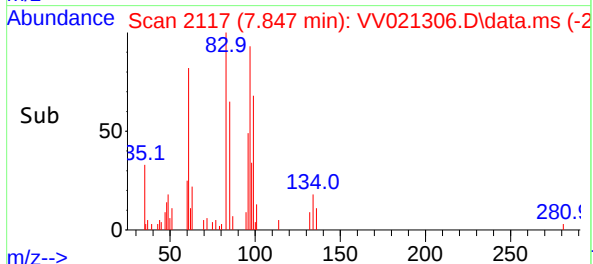
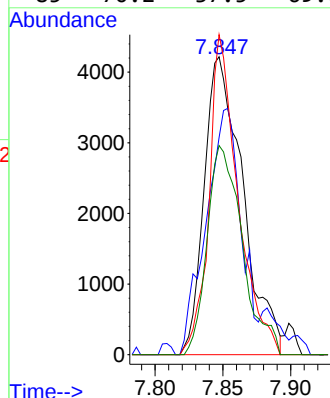
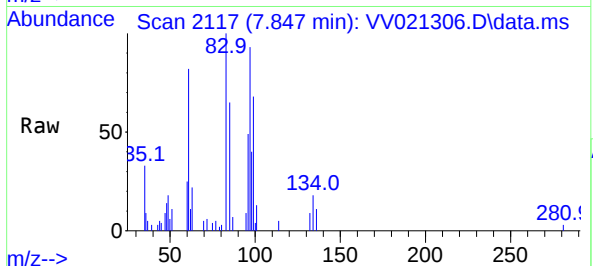
#45
1,1,2-Trichloroethane
Concen: 1.90 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 97	Resp: 8351
Ion Ratio	Lower Upper
97 100	
99 72.9	43.7 81.1
83 107.4	59.6 110.6
85 70.2	37.5 69.6#

Instrument :
MSVOA_V
ClientSampleId :
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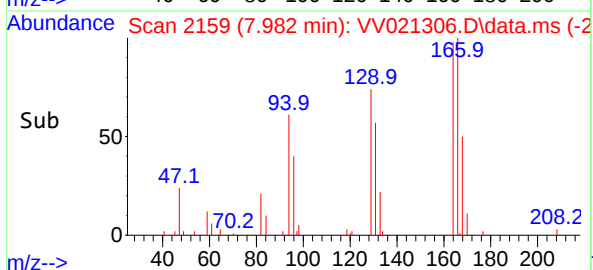
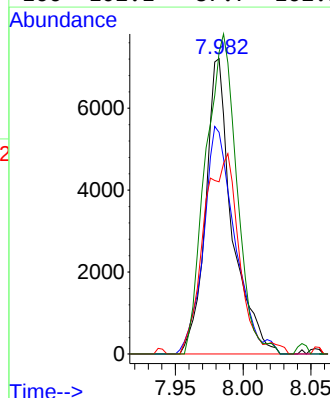
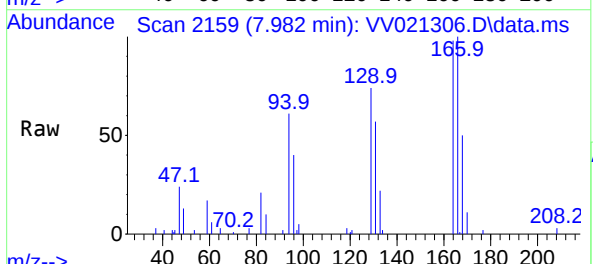
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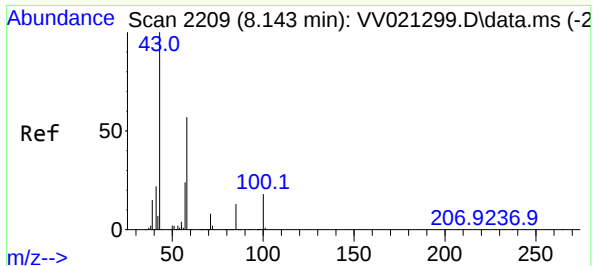
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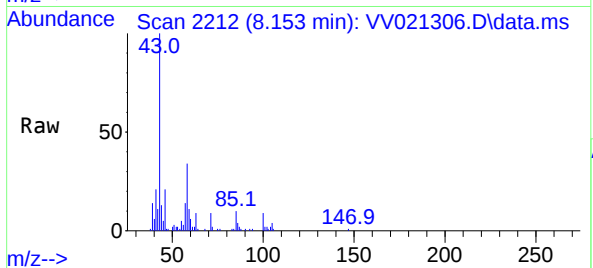
#46
Tetrachloroethene
Concen: 2.19 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt	Ion:164	Resp:	9806
Ion	Ratio	Lower	Upper
164	100		
129	75.1	63.8	118.4
131	58.3	59.3	110.1#
166	102.1	87.7	162.9

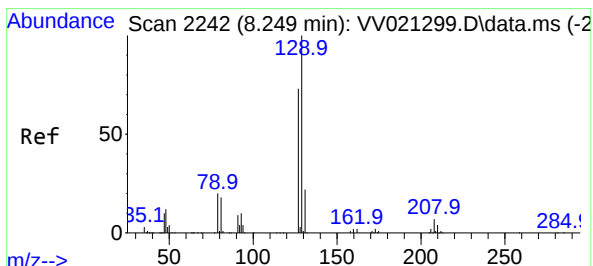
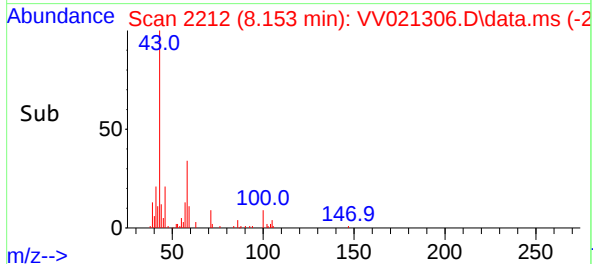
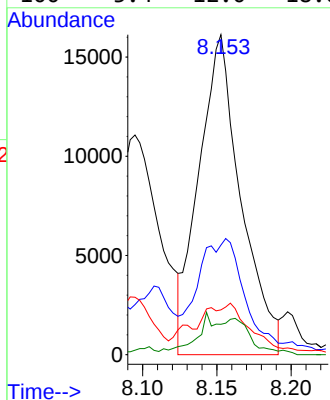




#48
2-Hexanone
Concen: 8.19 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.010 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

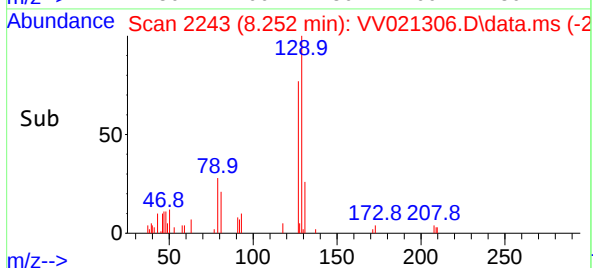
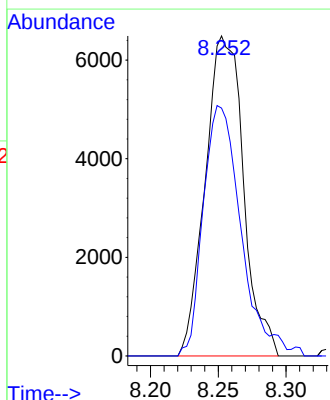
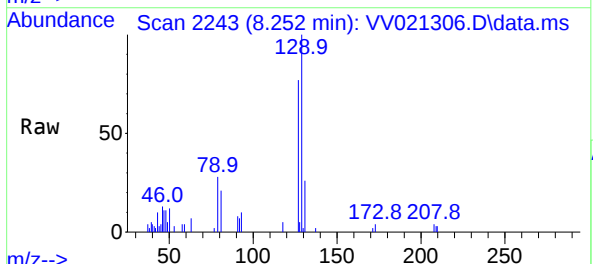


Tgt Ion: 43 Resp: 31841
Ion Ratio Lower Upper
43 100
58 9.4 46.8 70.2#
57 2.1 17.6 26.4#
100 3.4 12.0 18.0#



#49
Dibromochloromethane
Concen: 2.04 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

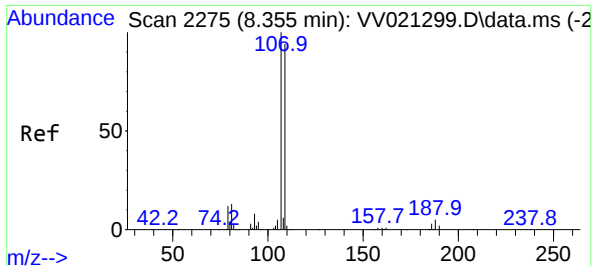
Tgt Ion: 129 Resp: 12706
Ion Ratio Lower Upper
129 100
127 82.1 55.2 102.6



Instrument :
MSVOA_V
ClientSampleId :
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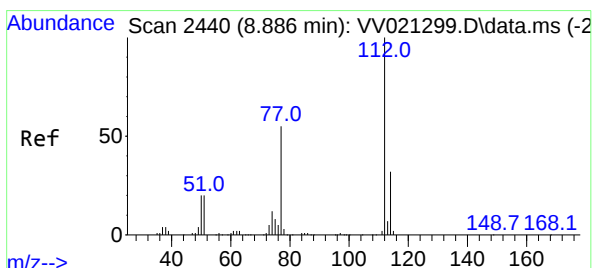
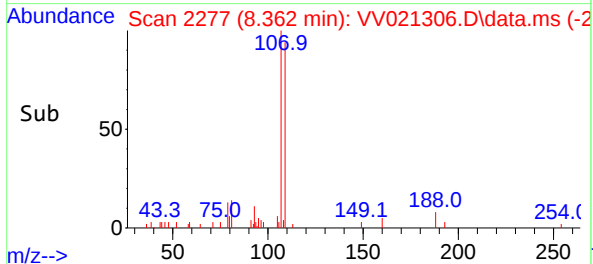
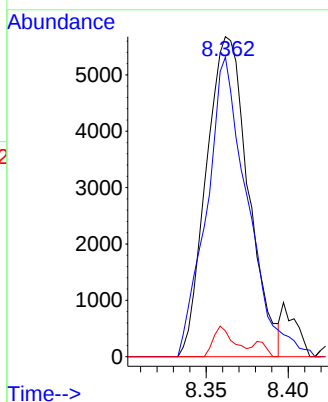
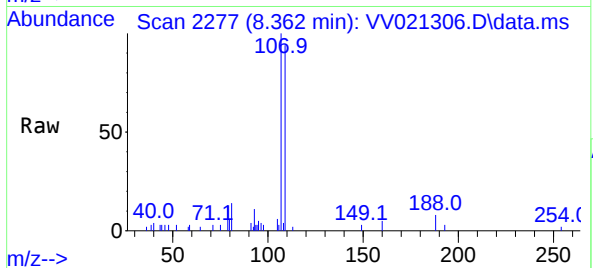
#50
1,2-Dibromoethane
Concen: 2.04 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.007 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	107	Resp:	10098
Ion Ratio	Lower	Upper	
107	100		
109	93.6	63.8	118.6
188	8.1	3.4	5.0#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

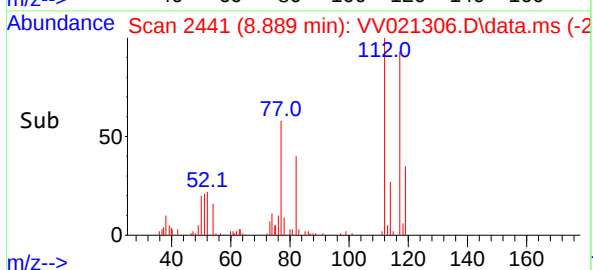
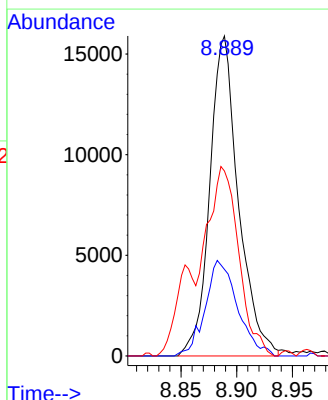
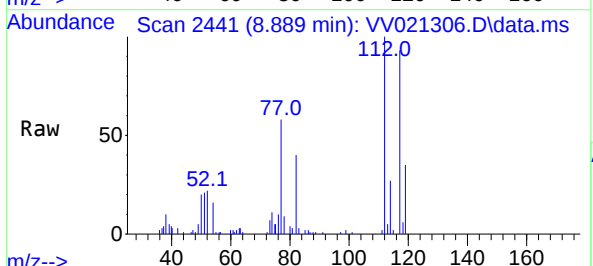
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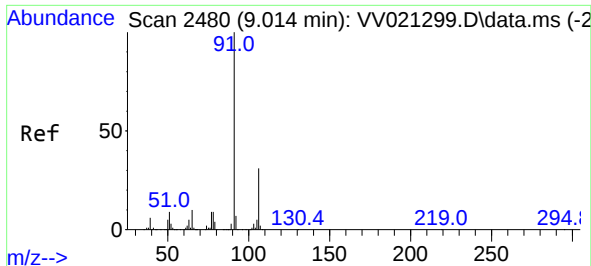
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#51
Chlorobenzene
Concen: 2.19 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	112	Resp:	28501
Ion Ratio	Lower	Upper	
112	100		
114	27.1	22.8	42.4
77	57.8	44.2	66.2





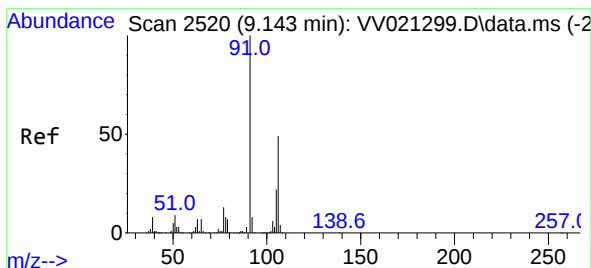
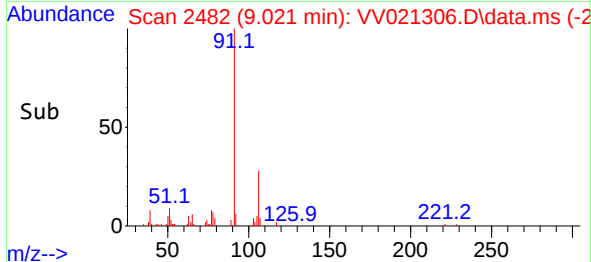
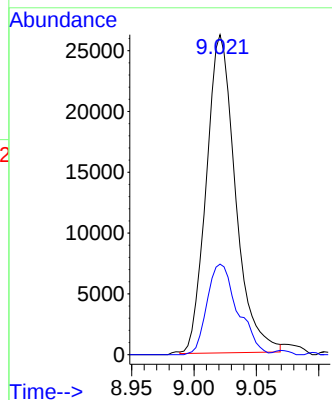
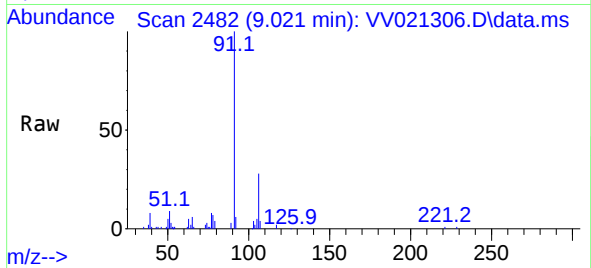
#52
Ethylbenzene
Concen: 1.95 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 91 Resp: 42539
Ion Ratio Lower Upper
91 100
106 28.3 21.8 40.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

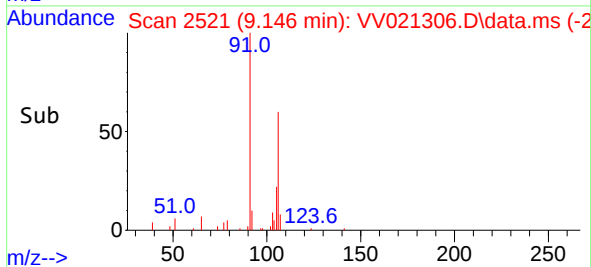
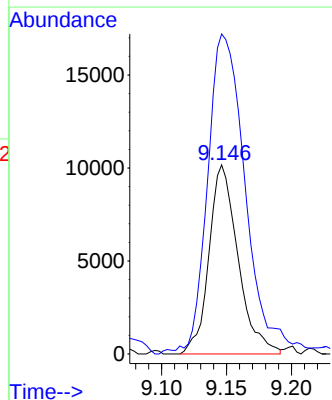
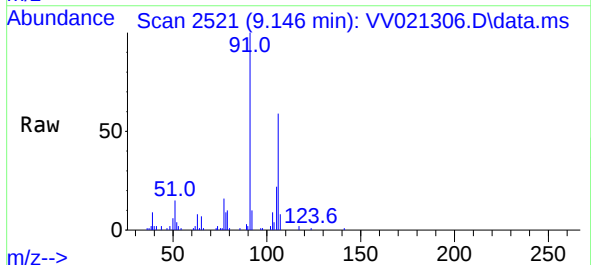
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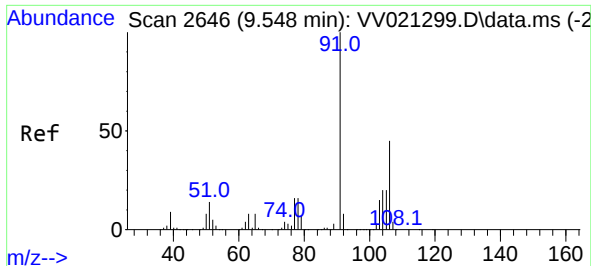
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#53
m,p-Xylene
Concen: 1.85 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion: 106 Resp: 15826
Ion Ratio Lower Upper
106 100
91 169.2 144.3 267.9





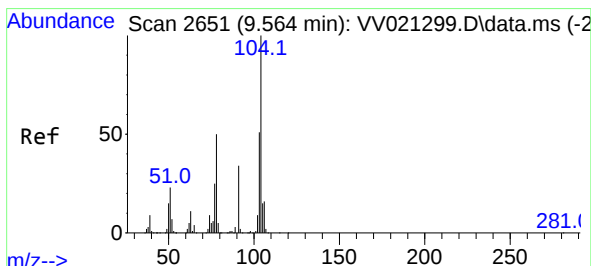
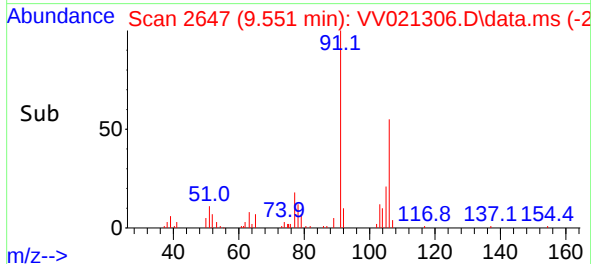
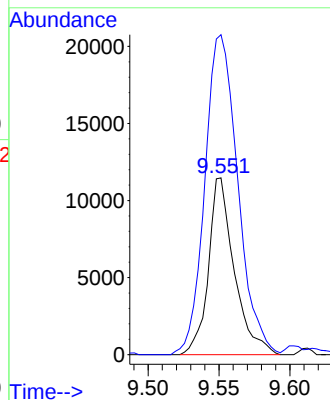
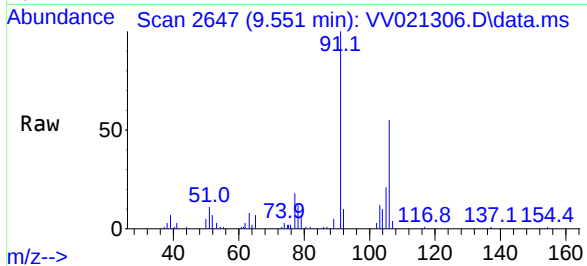
#54
o-Xylene
Concen: 1.76 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:106 Resp: 14537
Ion Ratio Lower Upper
106 100
91 180.9 150.4 279.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

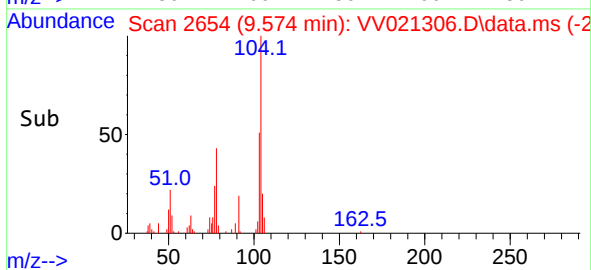
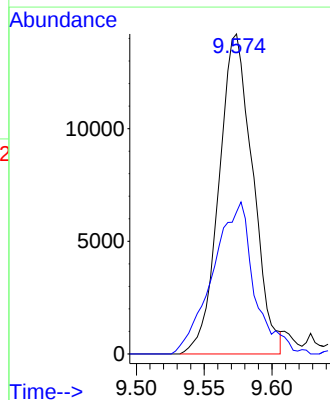
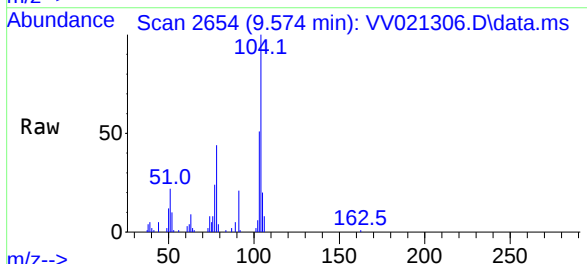
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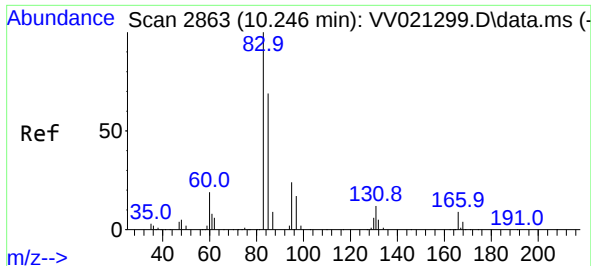
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#55
Styrene
Concen: 1.76 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.010 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:104 Resp: 24644
Ion Ratio Lower Upper
104 100
78 44.4 32.4 60.2





#57

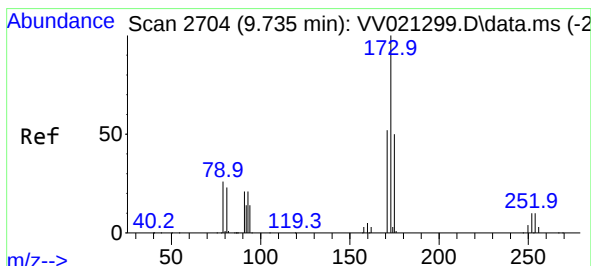
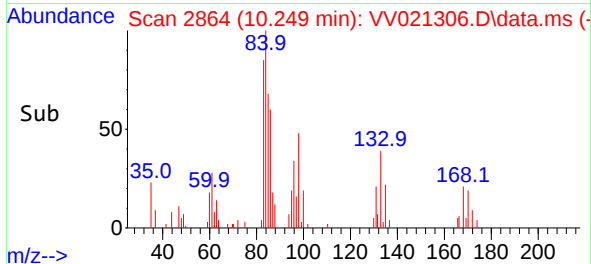
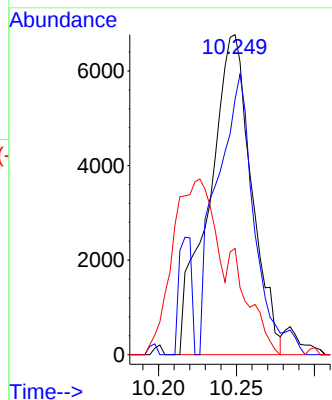
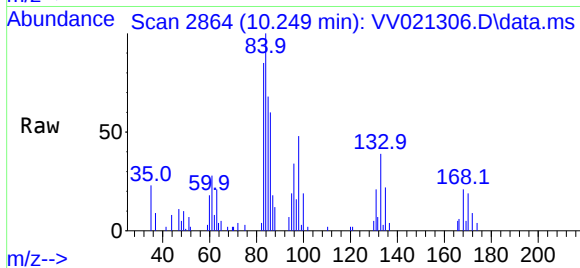
1,1,2,2-Tetrachloroethane
Concen: 2.16 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	83	Resp:	12819
Ion	Ratio	Lower	Upper
83	100		
85	79.8	45.8	85.0
131	33.2	8.8	13.2#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations
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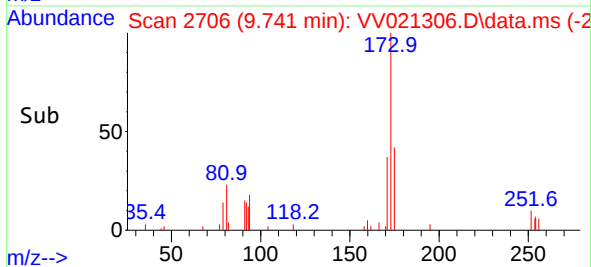
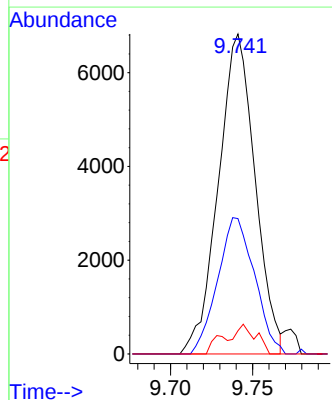
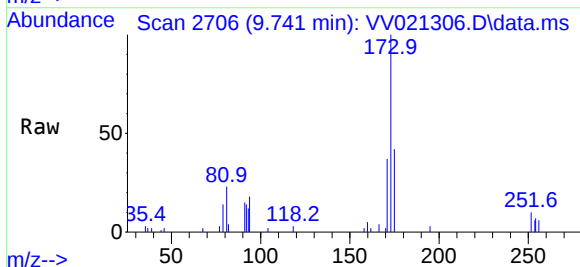
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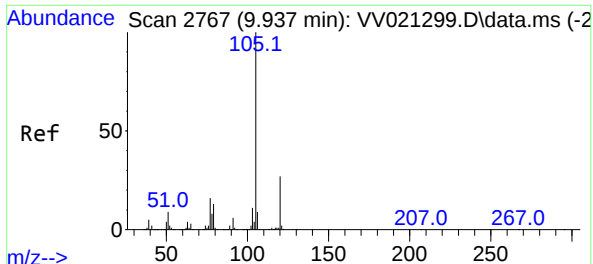


#59

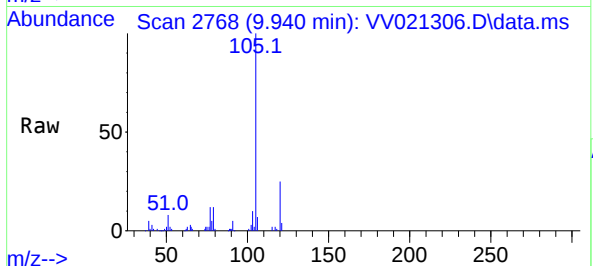
Bromoform
Concen: 2.33 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:	173	Resp:	10600
Ion	Ratio	Lower	Upper
173	100		
175	42.8	38.9	58.3
254	2.1	8.3	12.5#

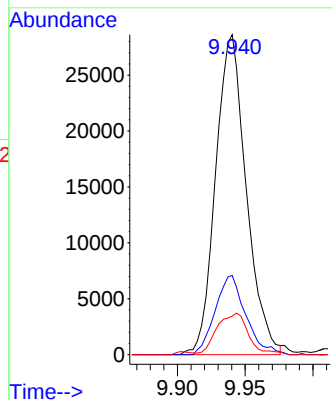




#60
Isopropylbenzene
Concen: 2.07 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



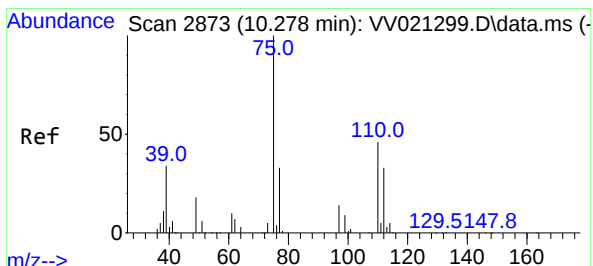
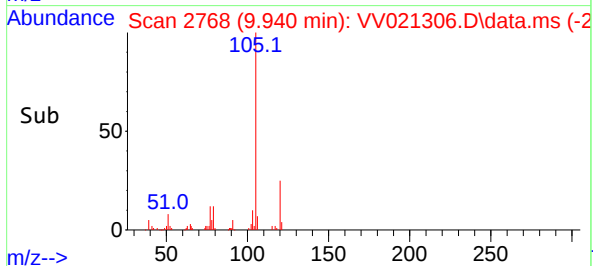
Tgt Ion: 105 Resp: 45076
Ion Ratio Lower Upper
105 100
120 24.0 21.8 32.6
77 12.0 12.9 19.3#



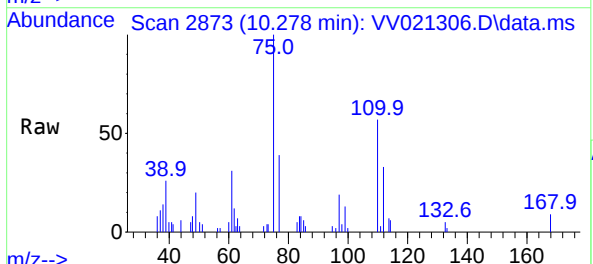
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

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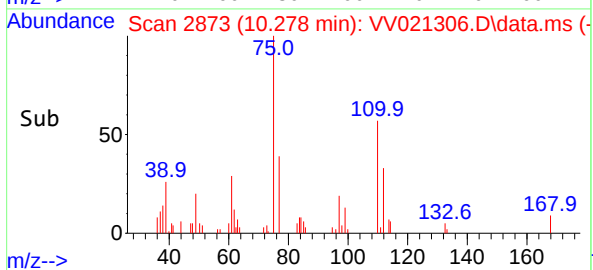
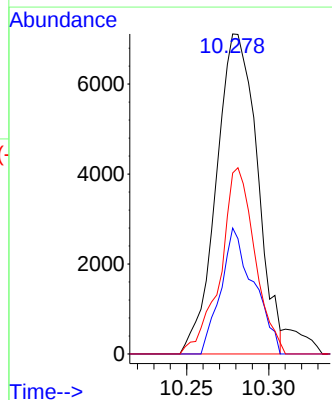
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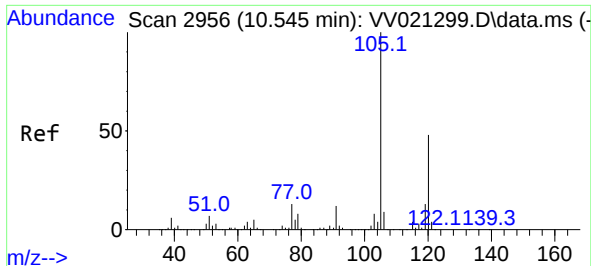


#61
1,2,3-Trichloropropane
Concen: 2.21 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



Tgt Ion: 75 Resp: 12301
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
110 49.0 34.9 52.3





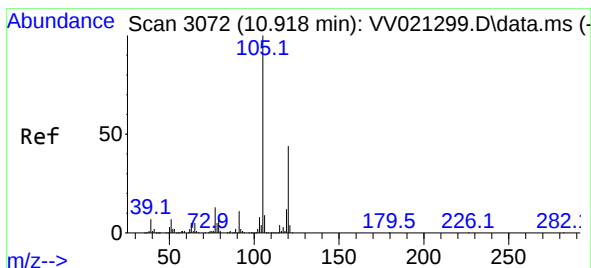
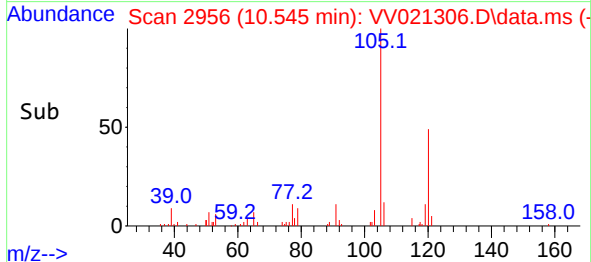
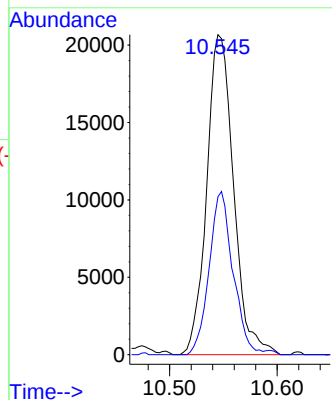
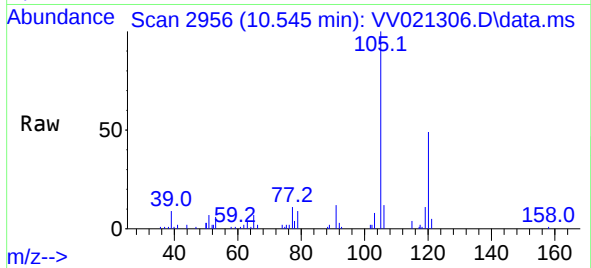
#62
1,3,5-Trimethylbenzene
Concen: 1.89 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:105 Resp: 35885
Ion Ratio Lower Upper
105 100
120 45.2 38.9 58.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

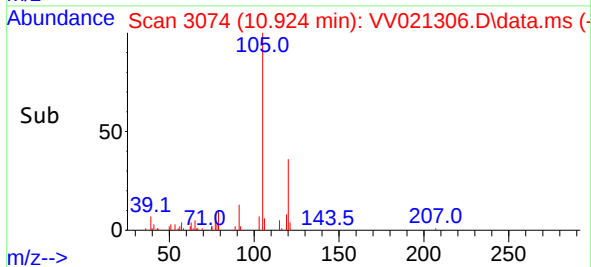
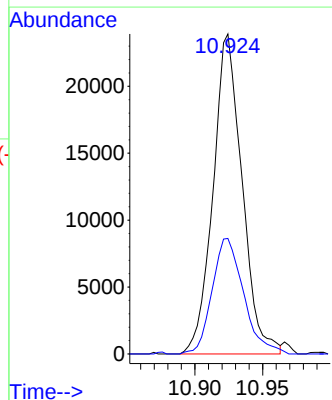
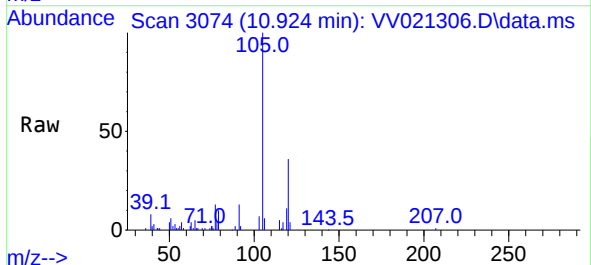
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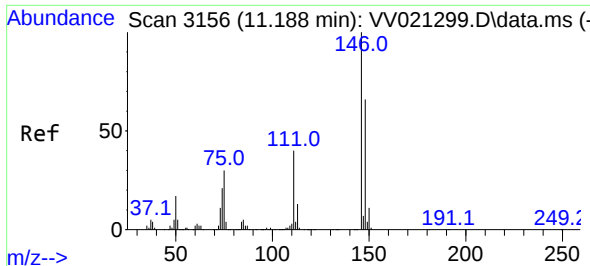
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#63
1,2,4-Trimethylbenzene
Concen: 1.87 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.007 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:105 Resp: 35642
Ion Ratio Lower Upper
105 100
120 39.2 37.7 56.5





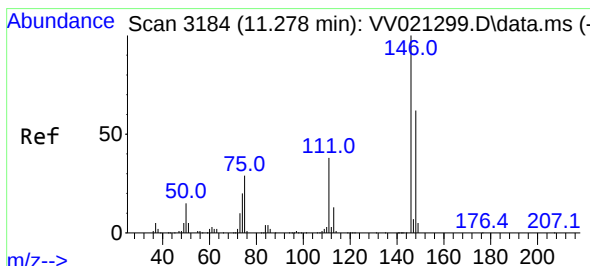
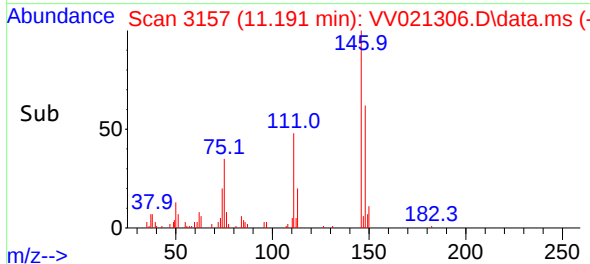
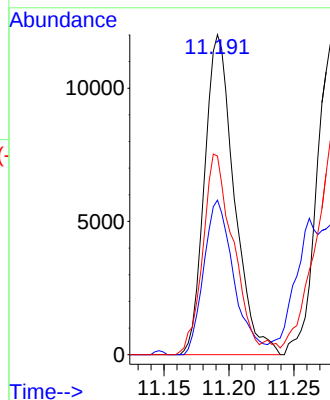
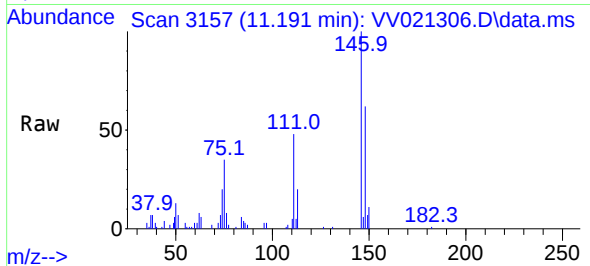
#64
1,3-Dichlorobenzene
Concen: 1.81 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:146 Resp: 19073
Ion Ratio Lower Upper
146 100
111 48.3 27.6 51.2
148 62.0 45.1 83.7

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

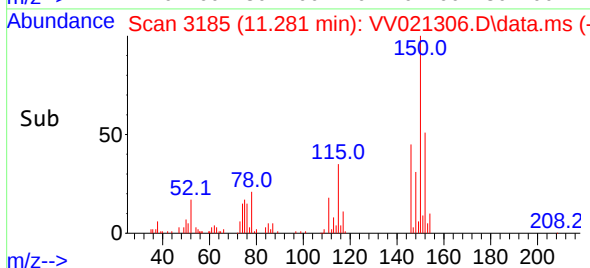
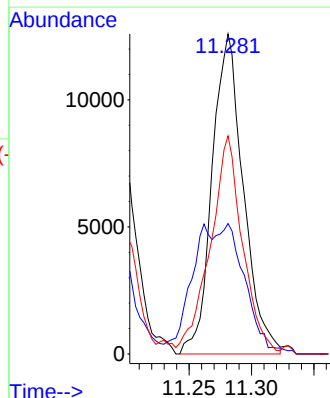
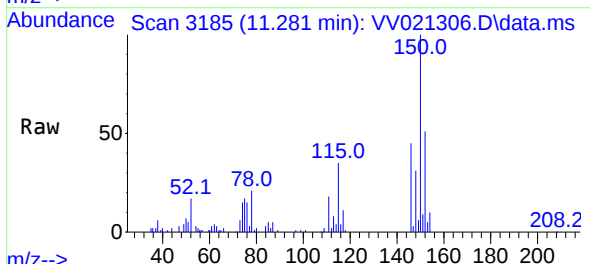
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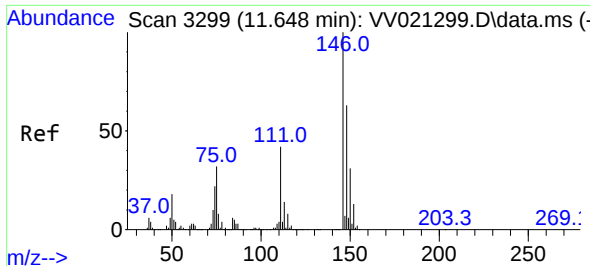
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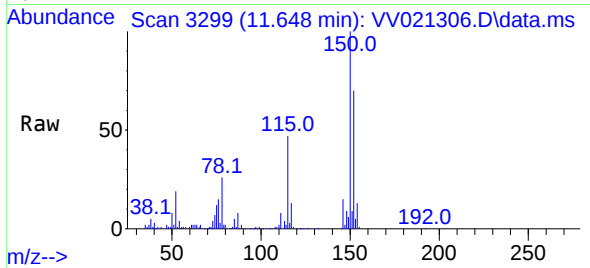
#65
1,4-Dichlorobenzene
Concen: 2.03 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

Tgt Ion:146 Resp: 21900
Ion Ratio Lower Upper
146 100
111 40.7 26.3 48.9
148 68.2 44.7 82.9

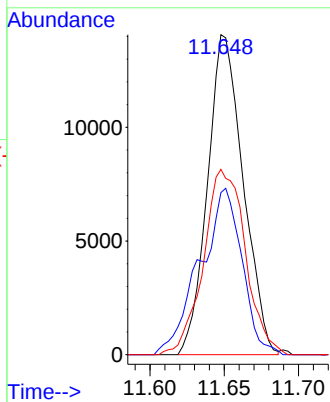
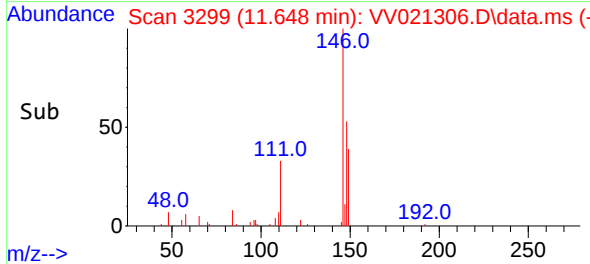




#67
1,2-Dichlorobenzene
Concen: 2.21 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



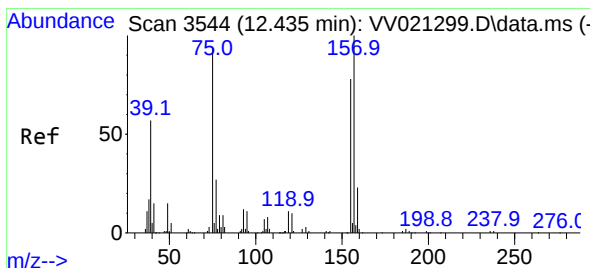
Tgt Ion: 146 Resp: 23549
Ion Ratio Lower Upper
146 100
111 50.6 33.2 49.8#
148 57.9 50.6 75.8



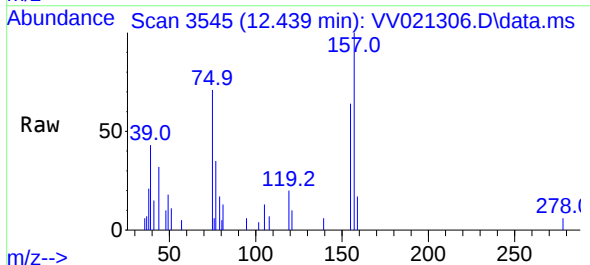
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

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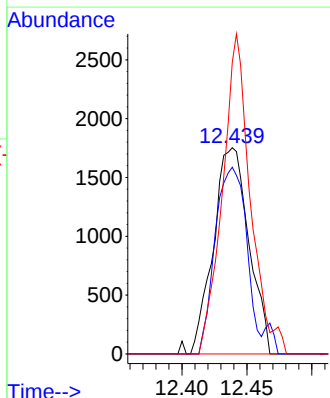
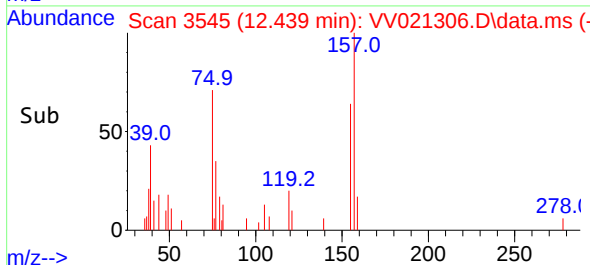
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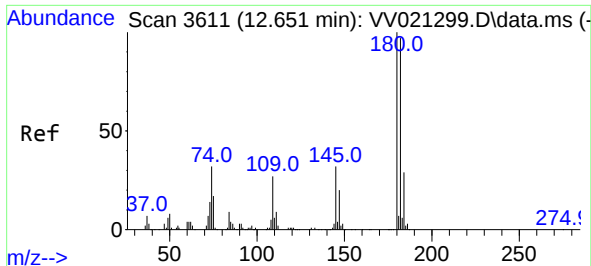


#68
1,2-Dibromo-3-chloropropane
Concen: 1.73 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



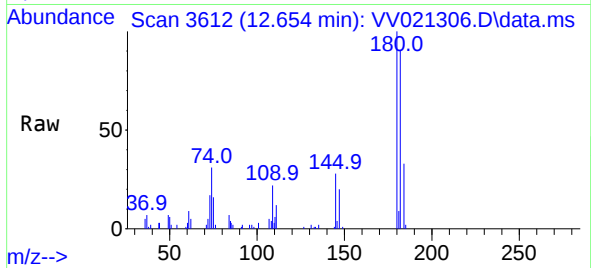
Tgt Ion: 75 Resp: 3354
Ion Ratio Lower Upper
75 100
155 90.5 72.8 109.2
157 141.4 94.6 142.0





#69
1,3,5-Trichlorobenzene
Concen: 1.85 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

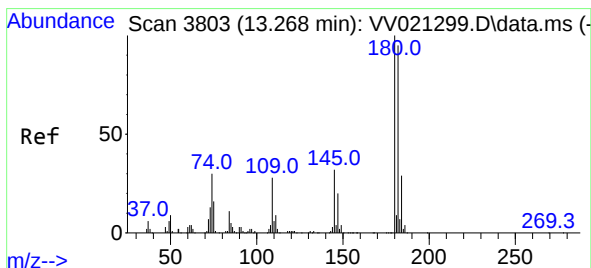
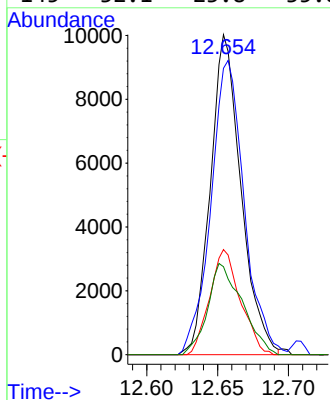
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05



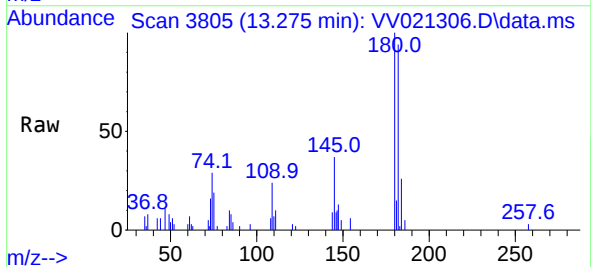
Tgt Ion:	180	Resp:	15094
Ion Ratio	Lower	Upper	
180	100		
182	100.0	77.4	116.0
184	32.8	24.1	36.1
145	32.1	23.8	35.8

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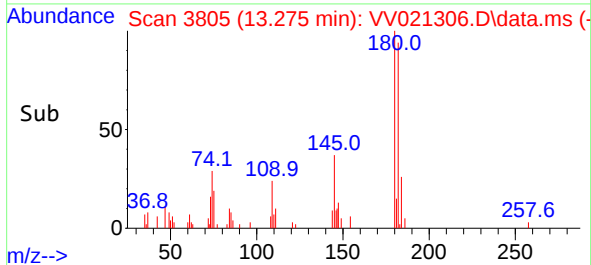
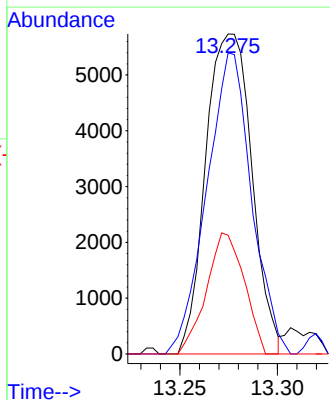
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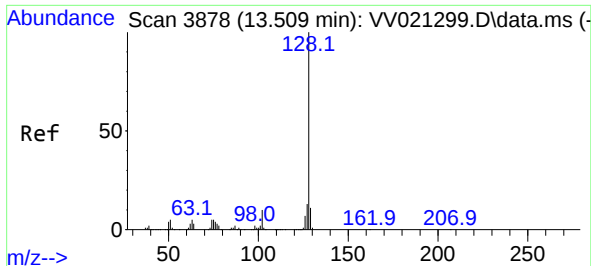


#70
1,2,4-trichlorobenzene
Concen: 1.42 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57

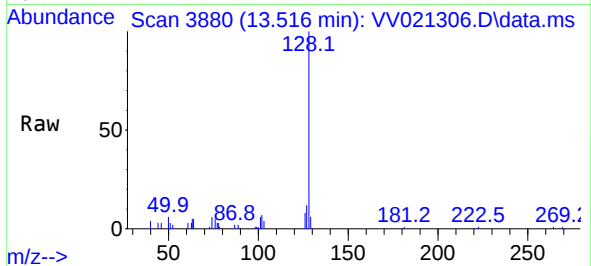


Tgt Ion:	180	Resp:	9423
Ion Ratio	Lower	Upper	
180	100		
182	91.5	77.5	116.3
145	30.9	24.3	36.5

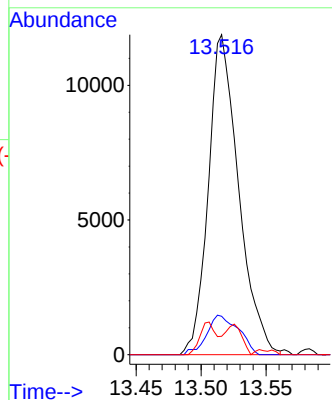
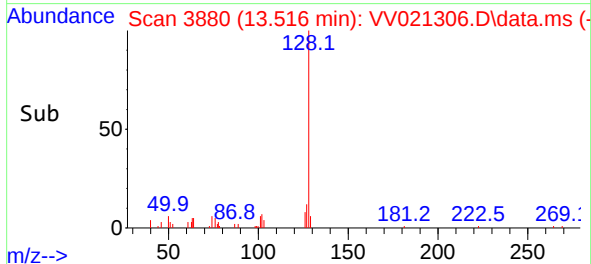




#71
Naphthalene
Concen: 1.06 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



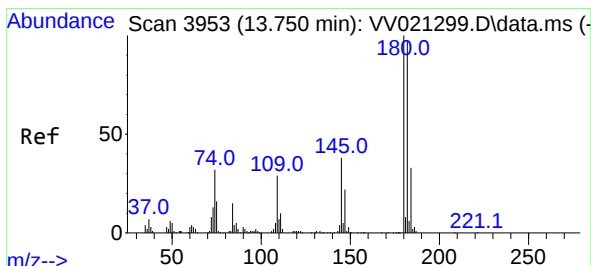
Tgt Ion:128 Resp: 19275
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 5.2 8.6 13.0#



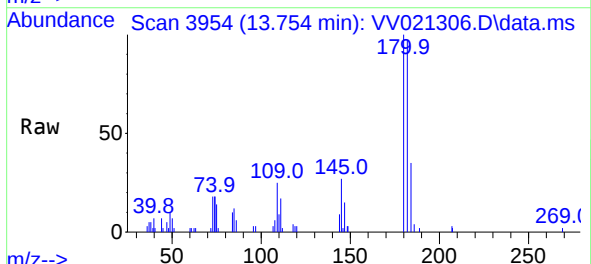
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-05

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#72
1,2,3-Trichlorobenzene
Concen: 1.60 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV021306.D
Acq: 06 May 2021 13:57



Tgt Ion:180 Resp: 10737
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 29.4 25.0 37.6

