

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022185.D
 Acq On : 25 May 2021 19:24
 Operator : JC/MD
 Sample : M2250-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 26 02:36:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM052621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 17:28:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	155736	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	138984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	58622	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57938	48.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.800%			
7) Chloroethane-d5	1.666	69	46729	52.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.440%			
11) 1,1-Dichloroethene-d2	2.306	63	88719	40.862	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.720%			
21) 2-Butanone-d5	4.465	46	103013	109.904	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.900%			
24) Chloroform-d	5.068	84	110000	50.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.720%			
26) 1,2-Dichloroethane-d4	5.964	65	73813	51.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.940%			
32) Benzene-d6	5.983	84	236923	53.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.200%			
36) 1,2-Dichloropropane-d6	7.318	67	74919	53.579	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.160%			
41) Toluene-d8	8.653	98	212667	52.423	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.840%			
43) trans-1,3-Dichloroprop...	8.952	79	33575	48.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.560%			
47) 2-Hexanone-d5	9.390	63	73898	109.297	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.300%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	98986	51.752	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.500%			
66) 1,2-Dichlorobenzene-d4	12.323	152	67000	54.746	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	2231	1.951	ug/L #	87
3) Chloromethane	1.294	50	2456	2.172	ug/L	99
5) Vinyl chloride	1.374	62	2873	2.330	ug/L #	69
6) Bromomethane	1.605	94	1841	3.109	ug/L	94
8) Chloroethane	1.691	64	1517	2.063	ug/L	91
9) Trichlorofluoromethane	1.892	101	3201	1.880	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	2670	2.611	ug/L #	72
12) 1,1-Dichloroethene	2.319	96	2521	2.578	ug/L #	1
13) Acetone	2.386	43	2978	4.573	ug/L	91
14) Carbon disulfide	2.514	76	5830	2.054	ug/L	95
15) Methyl Acetate	2.709	43	2845	2.185	ug/L	96
16) Methylene chloride	2.794	84	3173	2.625	ug/L	78
17) trans-1,2-Dichloroethene	3.099	96	2162	2.010	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	7180m	1.965	ug/L	
19) 1,1-Dichloroethane	3.617	63	3998	1.997	ug/L	96
20) cis-1,2-Dichloroethene	4.501	96	2447	1.999	ug/L	83
22) 2-Butanone	4.580	43	4203	4.151	ug/L #	63
23) Bromochloromethane	4.903	128	1059	1.866	ug/L #	83
25) Chloroform	5.092	83	6234m	3.050	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.104	62	3476	2.165	ug/L #	90
29) Cyclohexane	5.483	56	3681	1.976	ug/L #	25
30) 1,1,1-Trichloroethane	5.391	97	3210	1.866	ug/L #	58
31) Carbon tetrachloride	5.690	117	2561	1.803	ug/L	100
33) Benzene	6.050	78	9537	2.117	ug/L	100
34) Trichloroethene	7.135	95	2280	2.005	ug/L	91
35) Methylcyclohexane	7.391	83	3963	2.113	ug/L	95
37) 1,2-Dichloropropane	7.440	63	2583	2.238	ug/L #	86
38) Bromodichloromethane	7.830	83	2601	1.805	ug/L	87
39) cis-1,3-Dichloropropene	8.372	75	3424	1.916	ug/L	90
40) 4-Methyl-2-pentanone	8.580	43	7285	4.006	ug/L	91
42) Toluene	8.726	91	12806	2.690	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	3523	2.012	ug/L	93
45) 1,1,2-Trichloroethane	9.159	97	2276	2.052	ug/L	98
46) Tetrachloroethene	9.281	164	1553	2.043	ug/L	95
48) 2-Hexanone	9.433	43	5817	4.011	ug/L	91
49) Dibromochloromethane	9.531	129	1982	1.882	ug/L	96
50) 1,2-Dibromoethane	9.622	107	2343	2.053	ug/L #	86
51) Chlorobenzene	10.079	112	6065	2.032	ug/L	99
52) Ethylbenzene	10.201	91	10387	1.961	ug/L	93
53) m,p-Xylene	10.305	106	4105	2.034	ug/L	87
54) o-Xylene	10.646	106	3685	1.879	ug/L	99
55) Styrene	10.659	104	5737	1.738	ug/L	87
57) 1,1,2,2-Tetrachloroethane	11.219	83	4188	2.316	ug/L #	95
59) Bromoform	10.805	173	1124	1.863	ug/L #	84
60) Isopropylbenzene	10.969	105	9010	1.903	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	2949	2.177	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	7696	1.931	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	8426	2.090	ug/L	93
64) 1,3-Dichlorobenzene	11.975	146	3792	1.987	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	4024	2.101	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	3950	2.056	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	642m	1.863	ug/L	
69) 1,3,5-Trichlorobenzene	13.121	180	2371m	1.929	ug/L	
70) 1,2,4-trichlorobenzene	13.591	180	2128	1.912	ug/L	93
71) Naphthalene	13.780	128	8875	1.908	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1936	1.732	ug/L	93

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

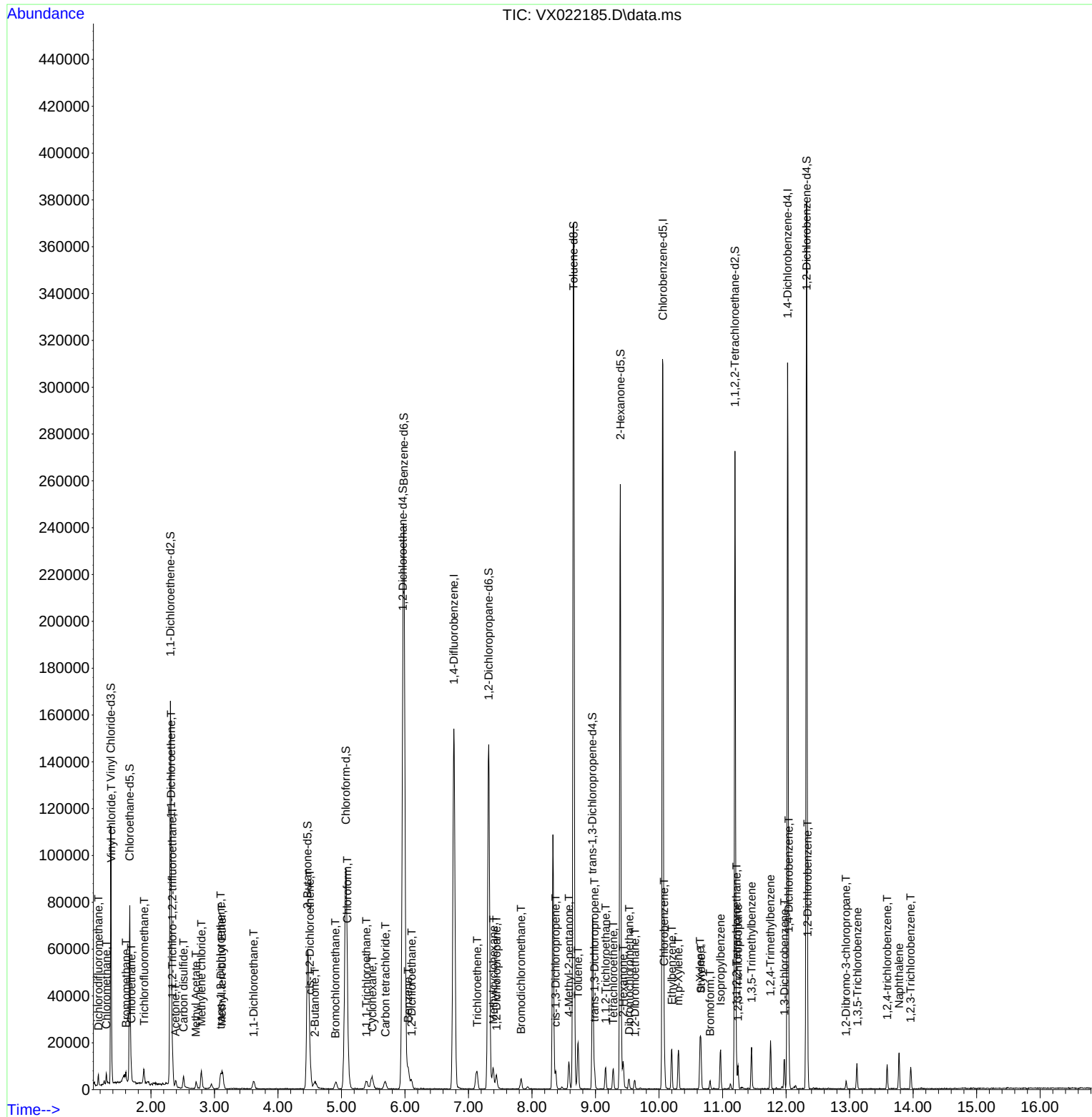
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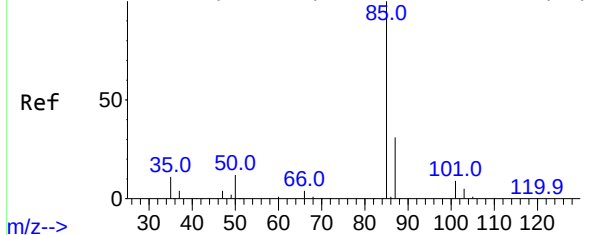
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Abundance Scan 13 (1.167 min): VX022179.D\data.ms (-10)



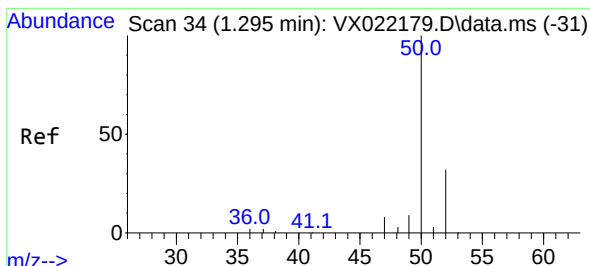
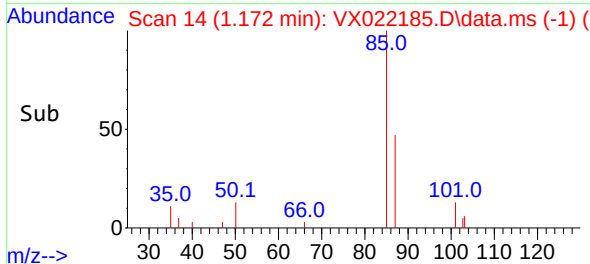
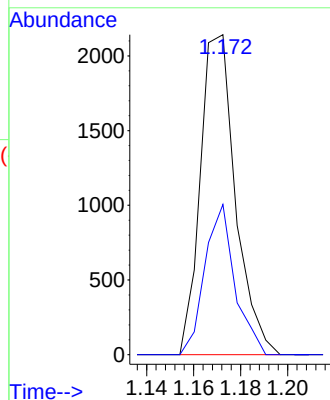
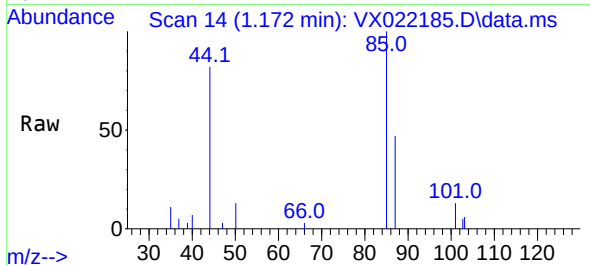
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Dichlorodifluoromethane
Concen: 1.951 ug/L
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 85 Resp: 2231
Ion Ratio Lower Upper
85 100
87 39.9 25.9 38.9#

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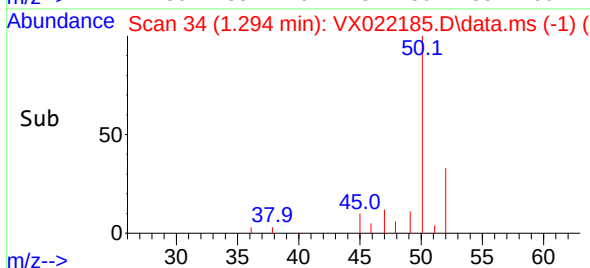
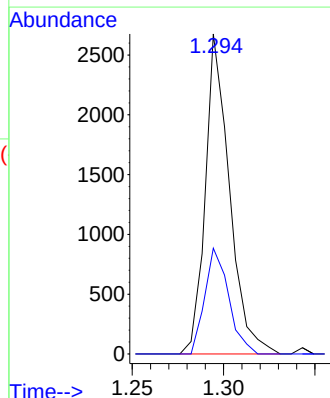
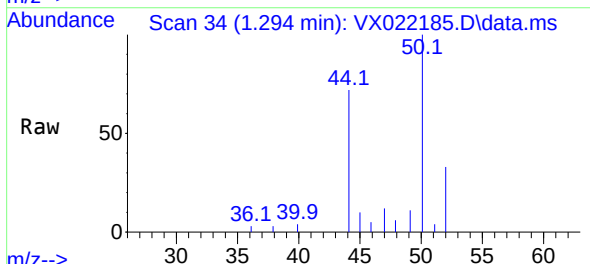
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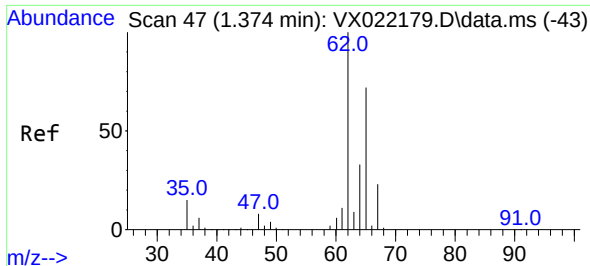
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#3
Chloromethane
Concen: 2.172 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 50 Resp: 2456
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9





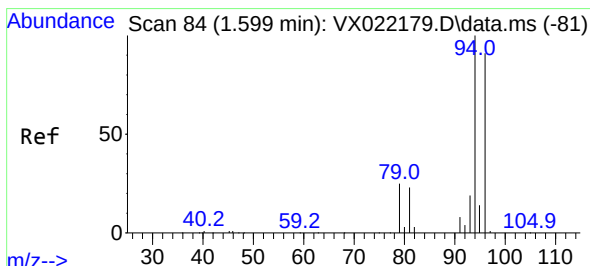
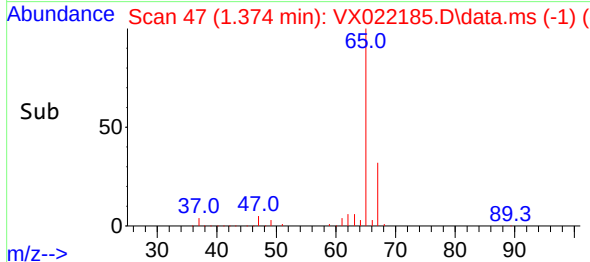
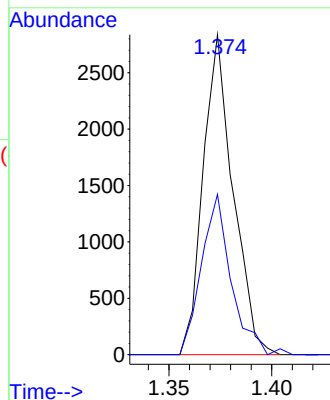
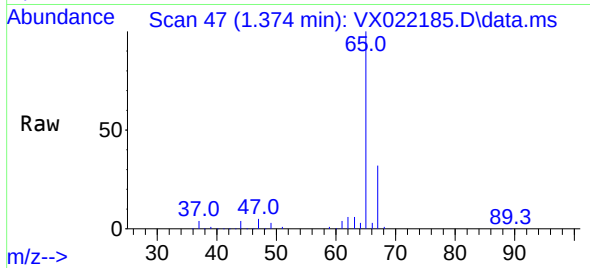
#5
Vinyl chloride
Concen: 2.330 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 62 Resp: 2873
Ion Ratio Lower Upper
62 100
64 50.1 22.7 42.3#

Instrument :
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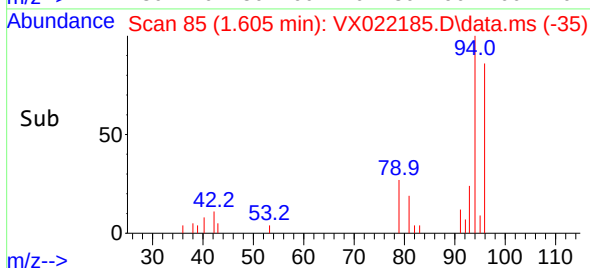
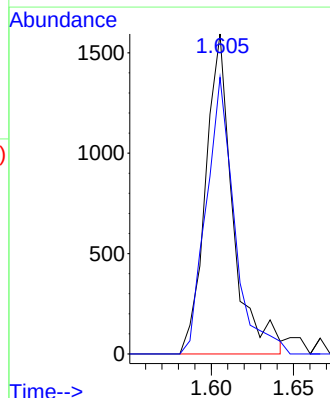
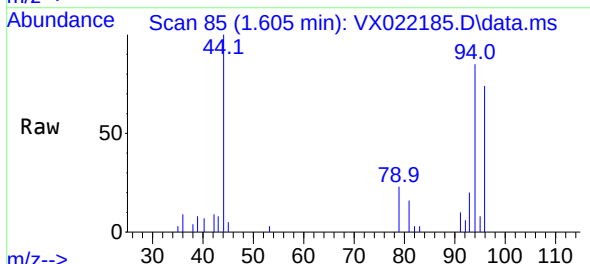
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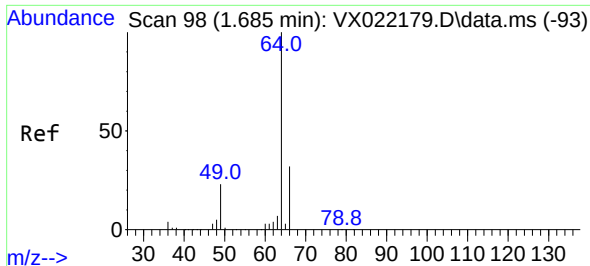
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#6
Bromomethane
Concen: 3.109 ug/L
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 94 Resp: 1841
Ion Ratio Lower Upper
94 100
96 86.4 64.8 120.3





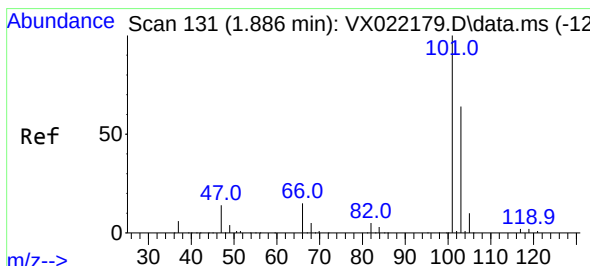
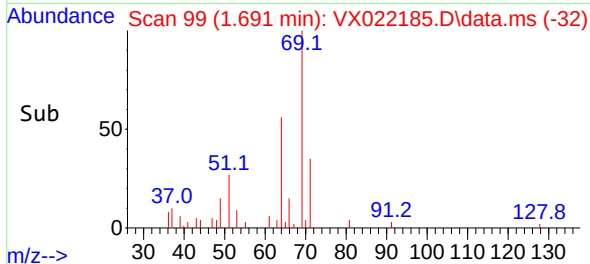
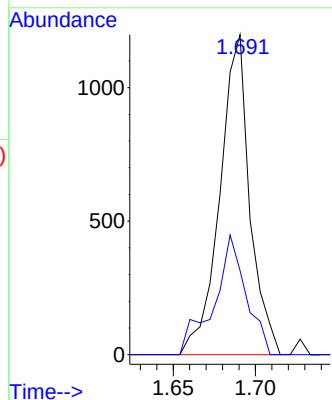
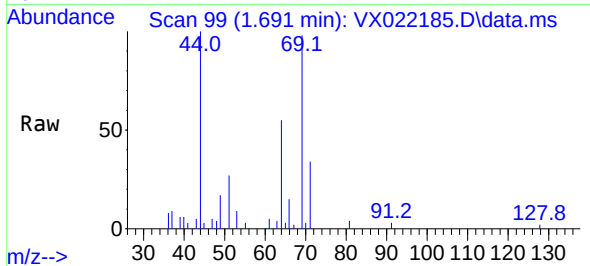
#8
Chloroethane
Concen: 2.063 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 64 Resp: 1517
Ion Ratio Lower Upper
64 100
66 26.3 22.0 41.0

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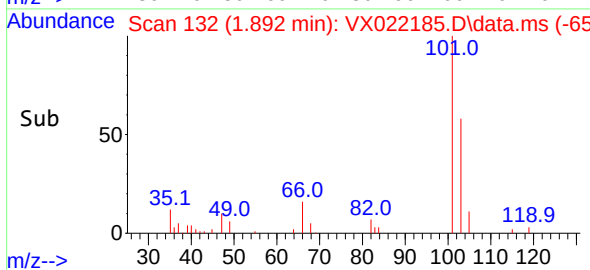
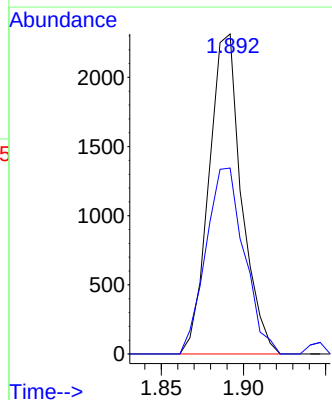
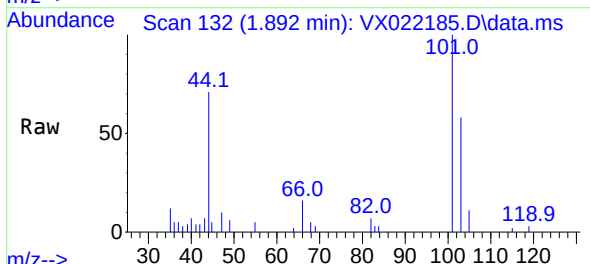
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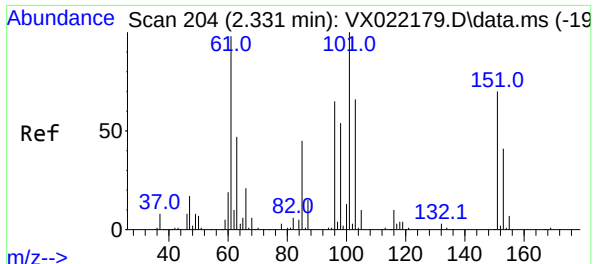
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#9
Trichlorofluoromethane
Concen: 1.880 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 101 Resp: 3201
Ion Ratio Lower Upper
101 100
103 68.3 52.2 78.2





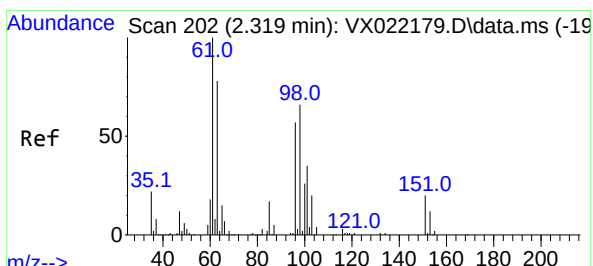
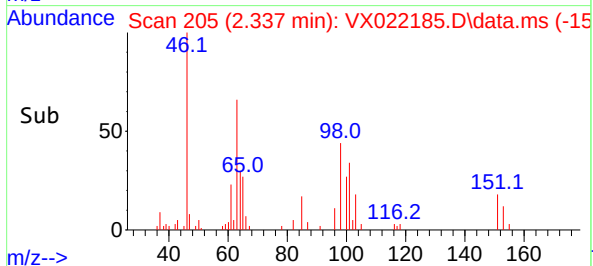
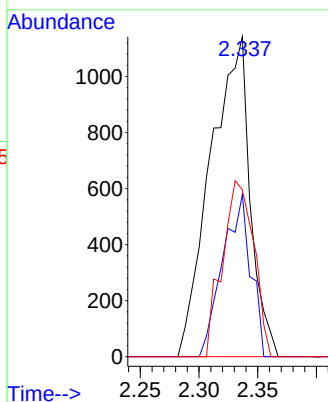
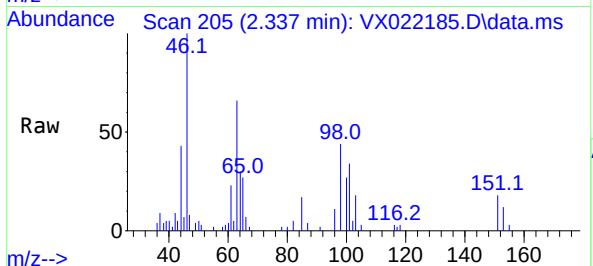
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.611 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022185.D
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Tgt Ion:101 Resp: 2670
Ion Ratio Lower Upper
101 100
85 36.0 34.3 51.5
151 43.7 60.7 91.1#

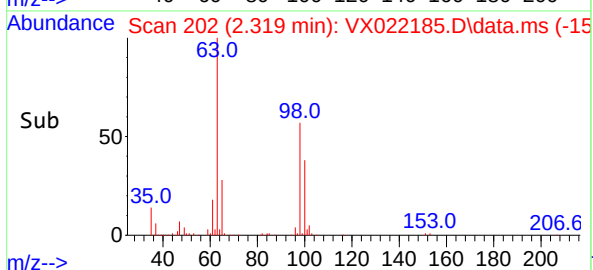
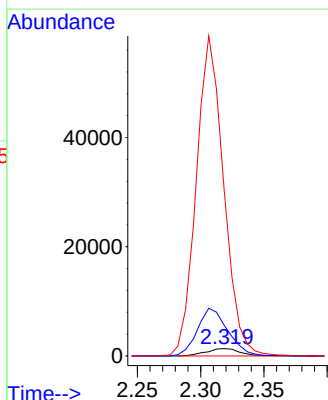
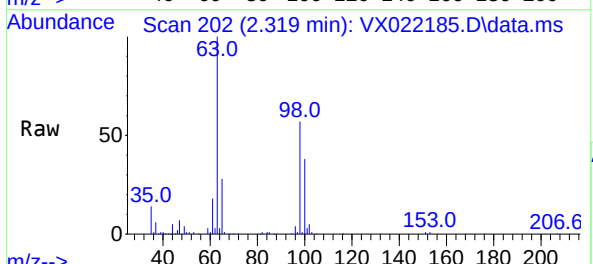
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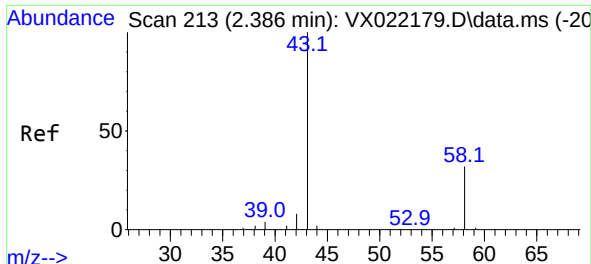
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#12
1,1-Dichloroethene
Concen: 2.578 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

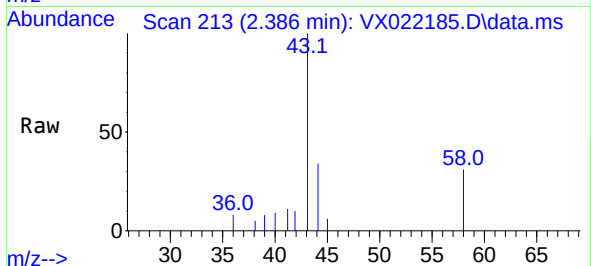
Tgt Ion: 96 Resp: 2521
Ion Ratio Lower Upper
96 100
61 417.5 115.5 214.5#
63 2266.9 77.3 143.7#





#13
Acetone
Concen: 4.573 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

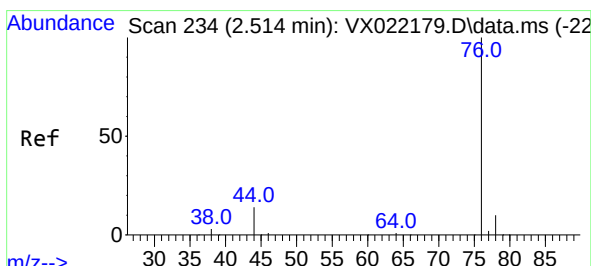
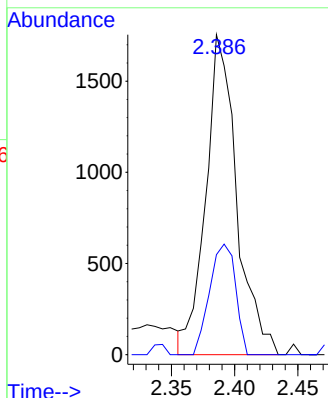
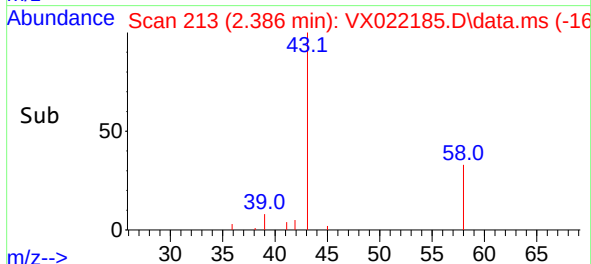
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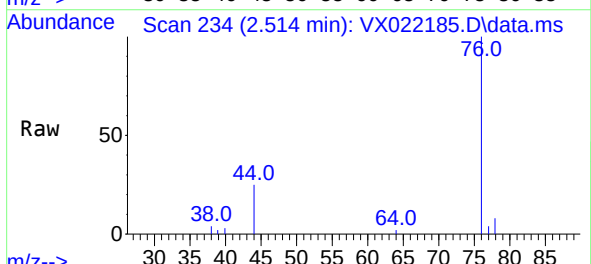
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Ion Ratio Lower Upper
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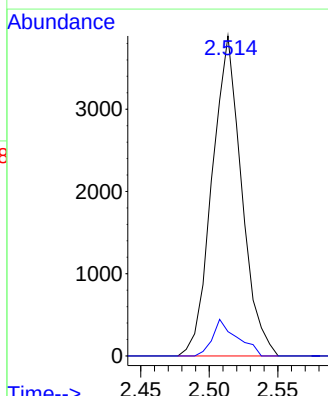
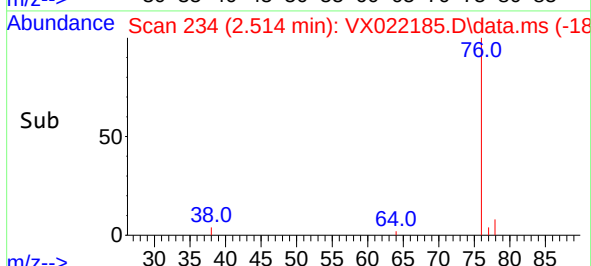
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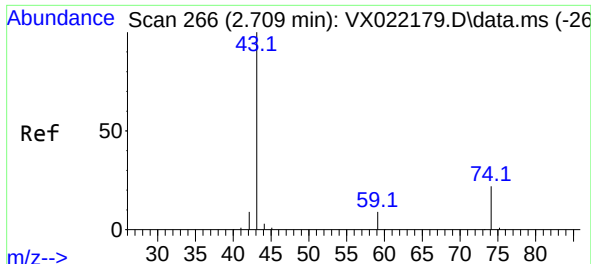


#14
Carbon disulfide
Concen: 2.054 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



Tgt Ion: 76 Resp: 5830
Ion Ratio Lower Upper
76 100
78 7.6 7.6 11.4





#15

Methyl Acetate

Concen: 2.185 ug/L

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX022185.D

Acq: 25 May 2021 19:24

Tgt Ion: 43 Resp: 2845

Ion Ratio Lower Upper

43 100

74 25.2 21.7 32.5

Instrument :

MSVOA_X

ClientSampleId :

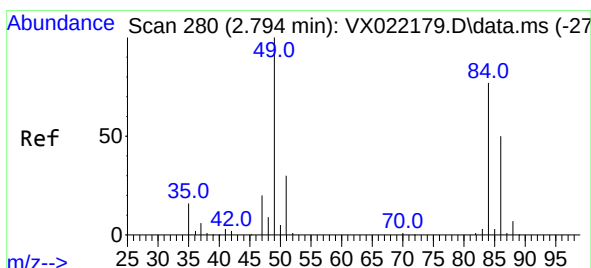
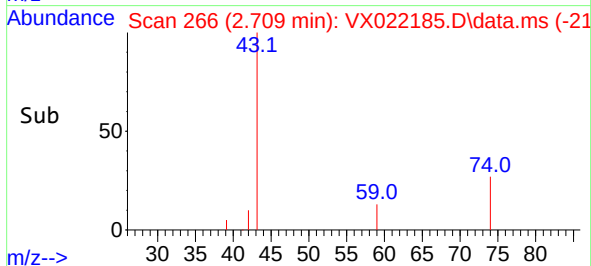
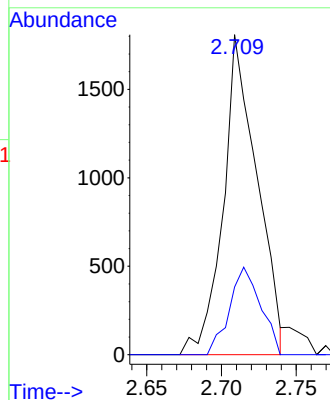
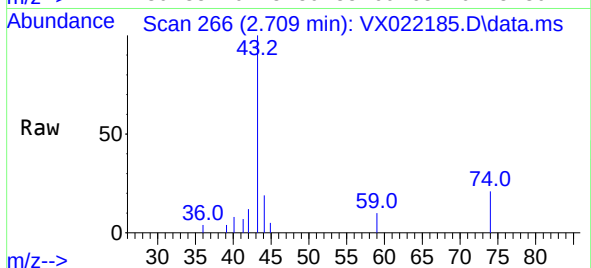
MDL-WATER-QT3-2021-05

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#16

Methylene chloride

Concen: 2.625 ug/L

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022185.D

Acq: 25 May 2021 19:24

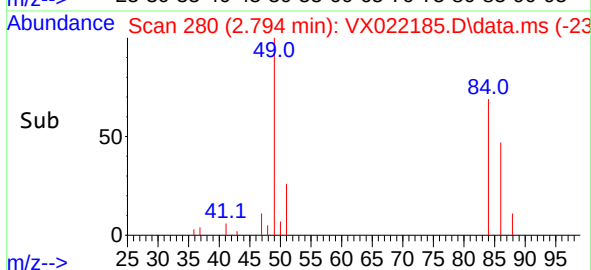
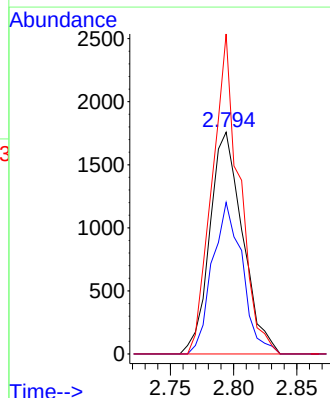
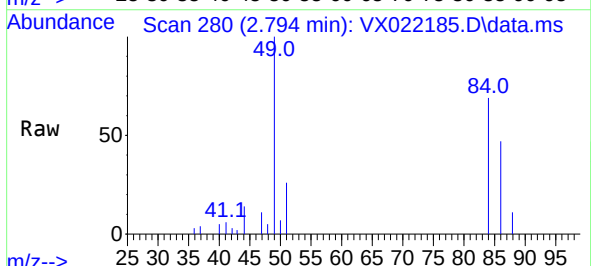
Tgt Ion: 84 Resp: 3173

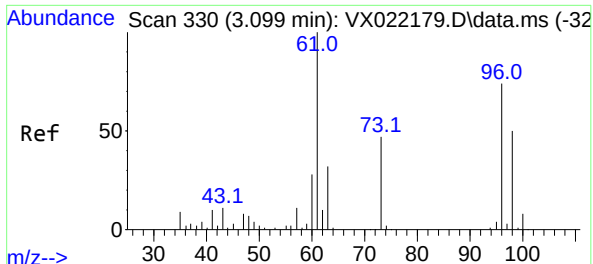
Ion Ratio Lower Upper

84 100

86 68.3 44.2 82.0

49 144.3 77.8 144.6





#17
trans-1,2-Dichloroethene
Concen: 2.010 ug/L
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

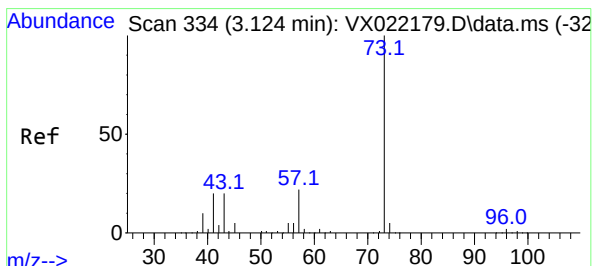
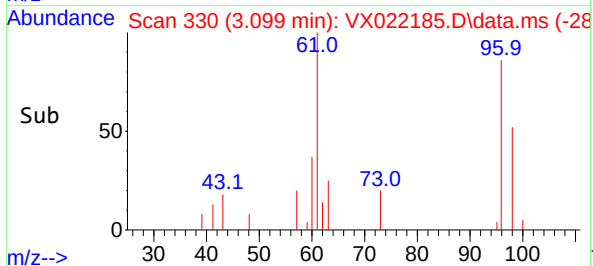
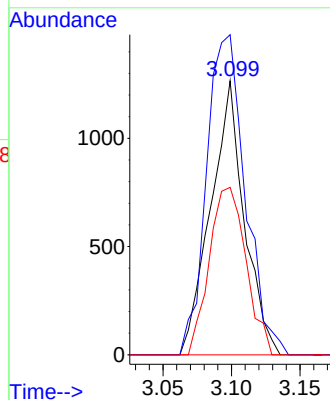
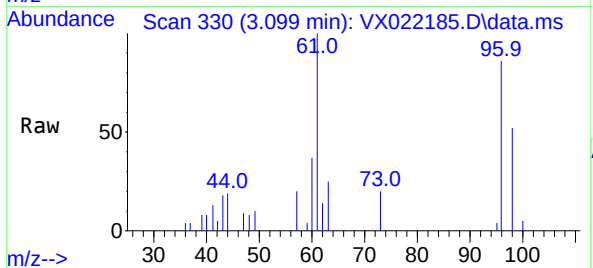
Tgt Ion: 96 Resp: 2162

Ion	Ratio	Lower	Upper
96	100		
61	116.8	92.3	171.3
98	61.1	46.3	85.9

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

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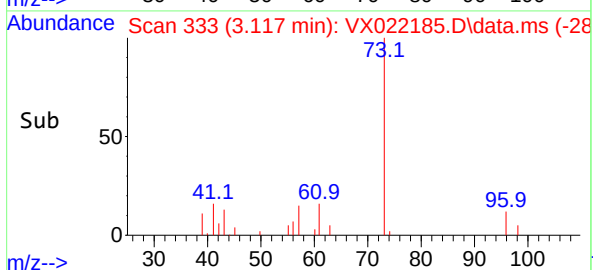
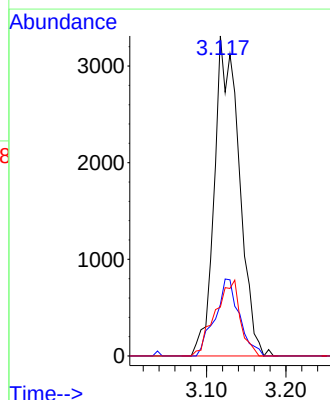
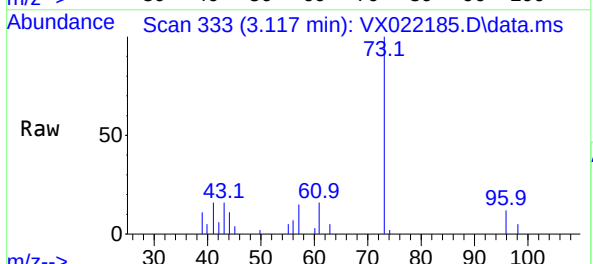
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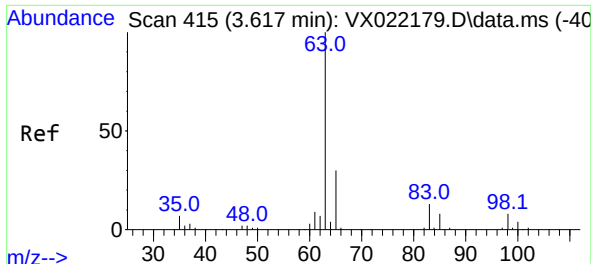


#18
Methyl tert-butyl Ether
Concen: 1.965 ug/L m
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 73 Resp: 7180

Ion	Ratio	Lower	Upper
73	100		
43	23.7	15.1	22.7#
57	24.0	17.4	26.2





#19

1,1-Dichloroethane

Concen: 1.997 ug/L

RT: 3.617 min Scan# 415

Delta R.T. -0.000 min

Lab File: VX022185.D

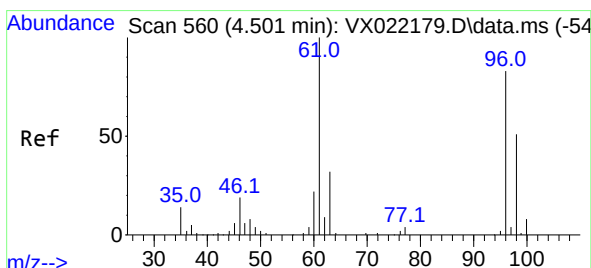
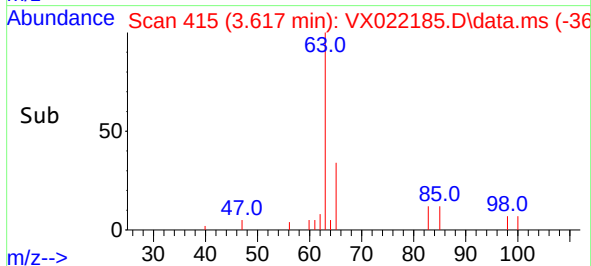
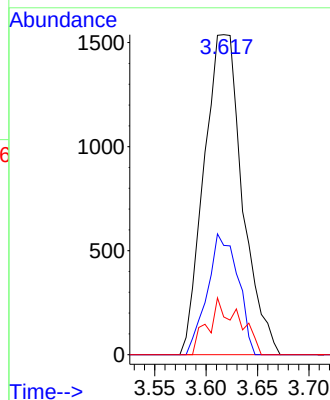
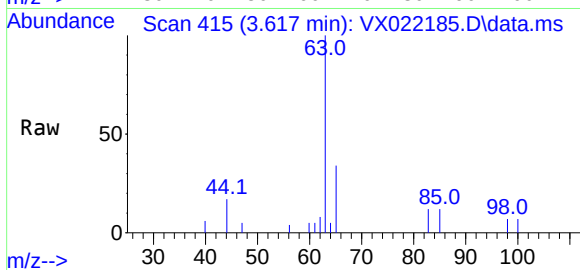
Acq: 25 May 2021 19:24

Tgt Ion:	63	Resp:	3998
Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.4	41.6
83	11.8	9.5	17.7

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

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#20

cis-1,2-Dichloroethene

Concen: 1.999 ug/L

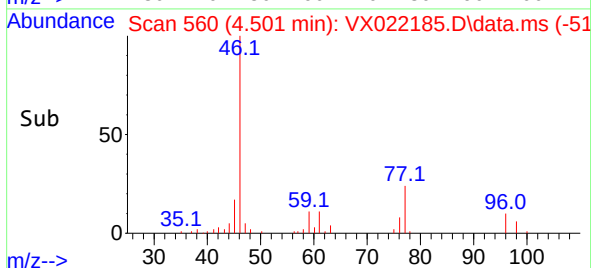
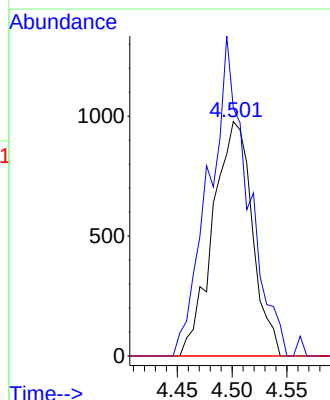
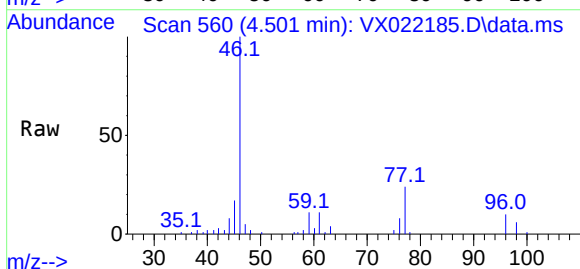
RT: 4.501 min Scan# 560

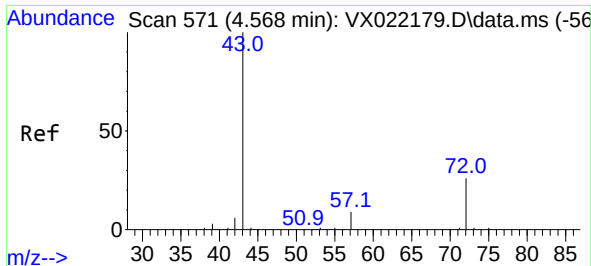
Delta R.T. -0.000 min

Lab File: VX022185.D

Acq: 25 May 2021 19:24

Tgt Ion:	96	Resp:	2447
Ion	Ratio	Lower	Upper
96	100		
61	105.6	87.8	163.0
68	0.0	0.0	0.0





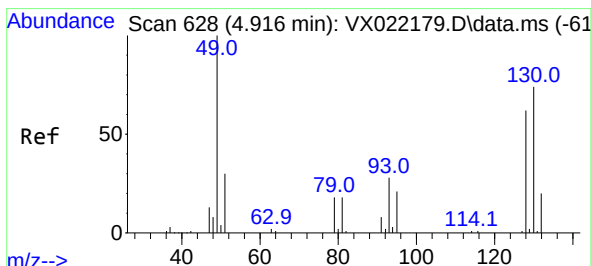
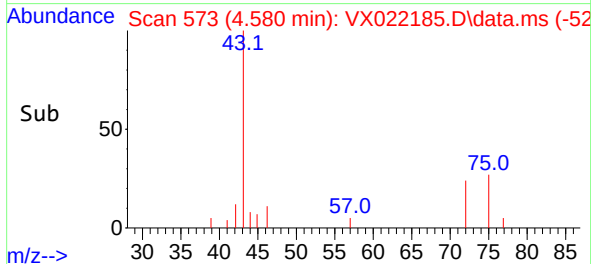
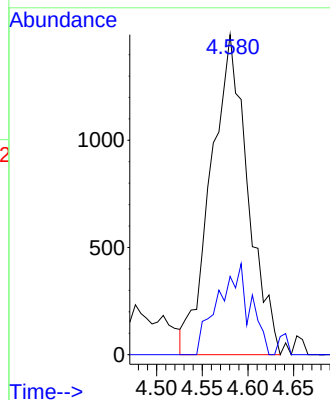
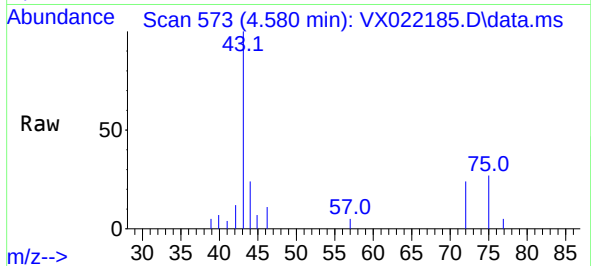
#22
2-Butanone
Concen: 4.151 ug/L
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 43 Resp: 4203
Ion Ratio Lower Upper
43 100
72 10.3 15.3 45.8#

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

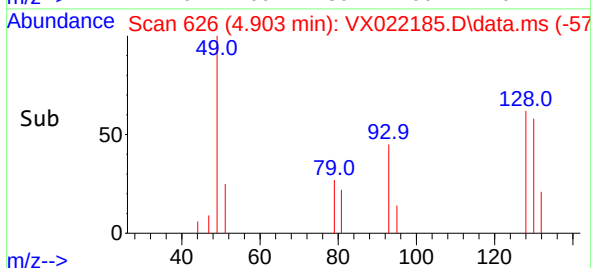
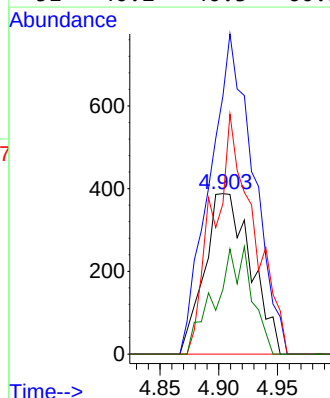
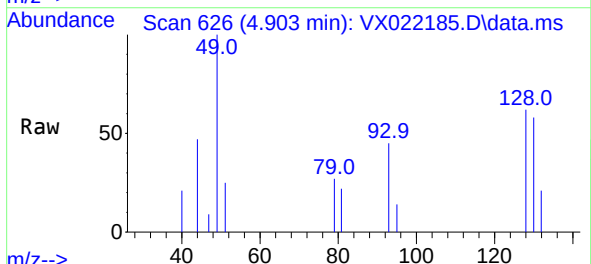
Manual Integrations
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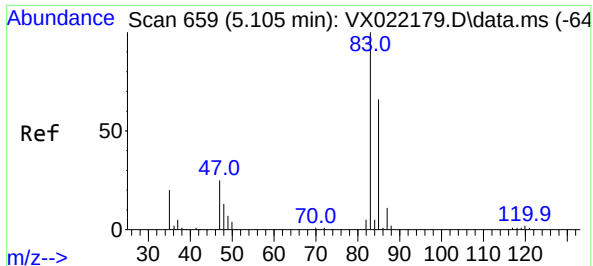
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#23
Bromochloromethane
Concen: 1.866 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.012 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:128 Resp: 1059
Ion Ratio Lower Upper
128 100
49 160.8 107.5 199.7
130 93.8 91.1 169.3
51 40.2 40.3 60.5#





#25

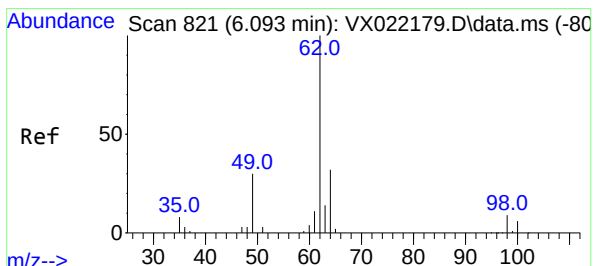
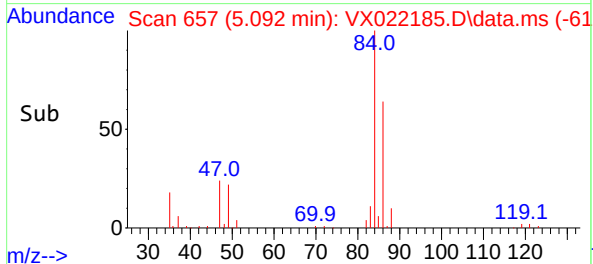
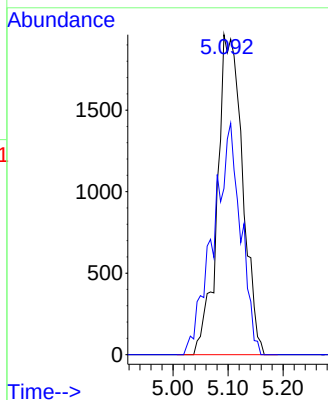
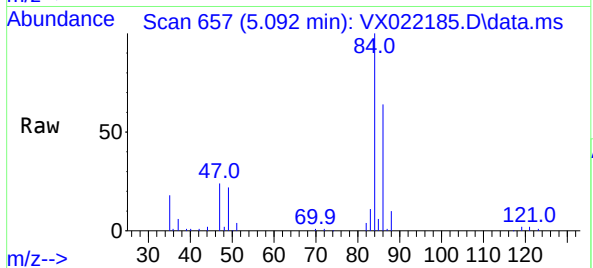
Chloroform
Concen: 3.050 ug/L m
RT: 5.092 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 83 Resp: 6234
Ion Ratio Lower Upper
83 100
85 52.0 46.3 85.9

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

Manual Integrations
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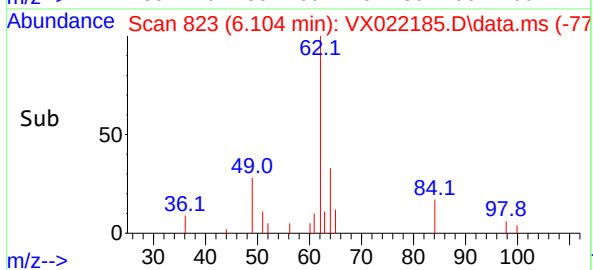
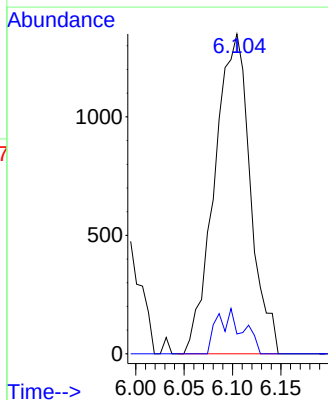
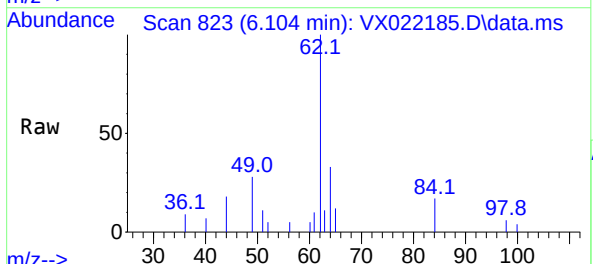
MMDadoda
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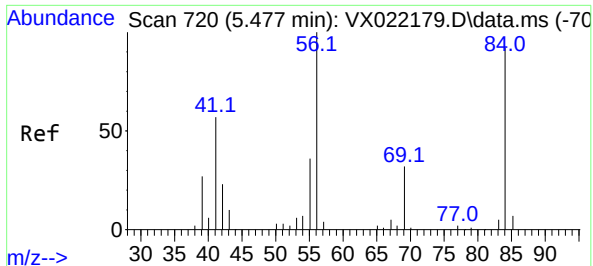


#27

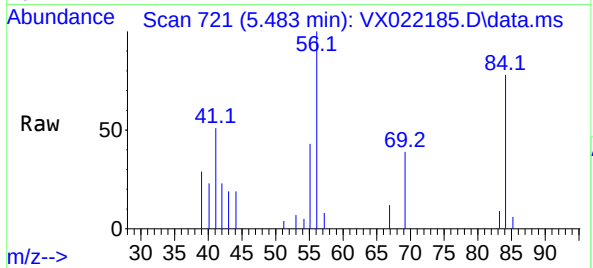
1,2-Dichloroethane
Concen: 2.165 ug/L
RT: 6.104 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 62 Resp: 3476
Ion Ratio Lower Upper
62 100
98 6.2 7.9 11.9#

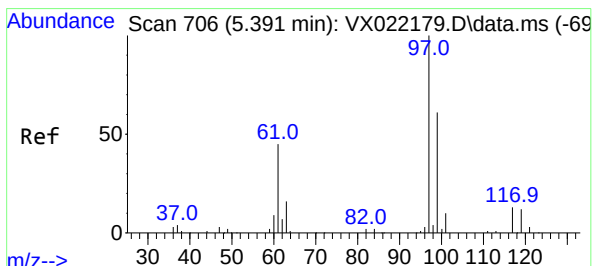
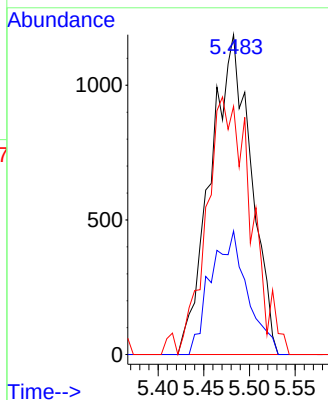
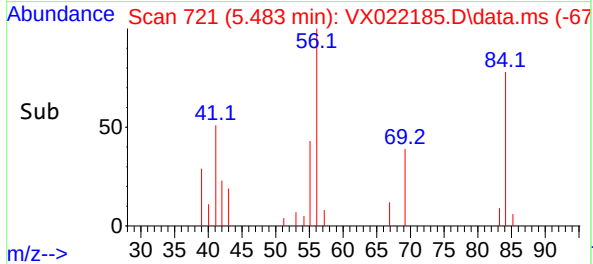




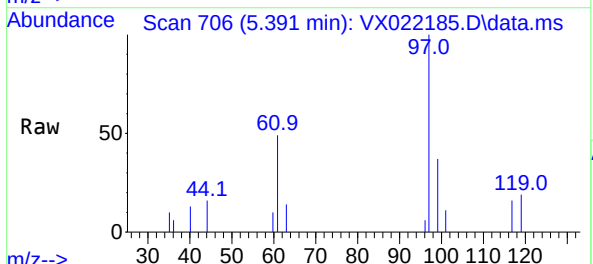
#29
Cyclohexane
Concen: 1.976 ug/L
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



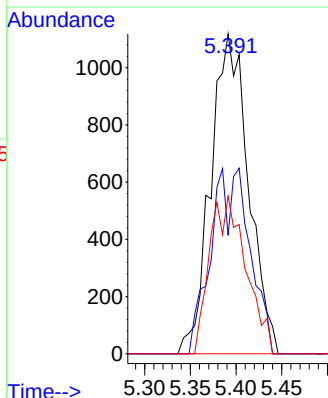
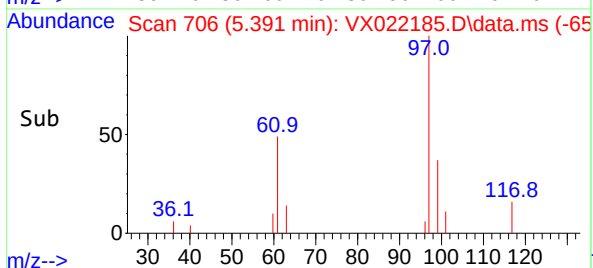
Tgt Ion: 56 Resp: 3681
Ion Ratio Lower Upper
56 100
69 16.2 25.7 38.5#
84 3.9 72.4 108.6#



#30
1,1,1-Trichloroethane
Concen: 1.866 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



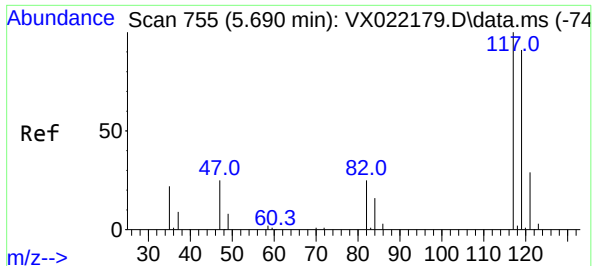
Tgt Ion: 97 Resp: 3210
Ion Ratio Lower Upper
97 100
99 29.3 52.1 78.1#
61 19.8 35.3 52.9#



Instrument :
MSVOA_X
ClientSampleId :
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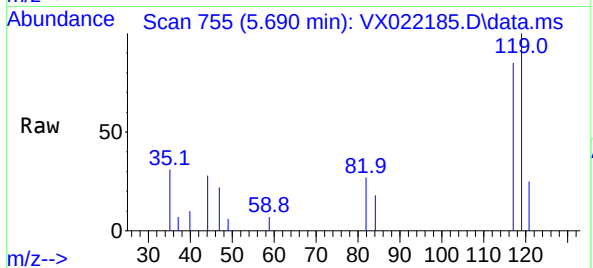
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#31
Carbon tetrachloride
Concen: 1.803 ug/L
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

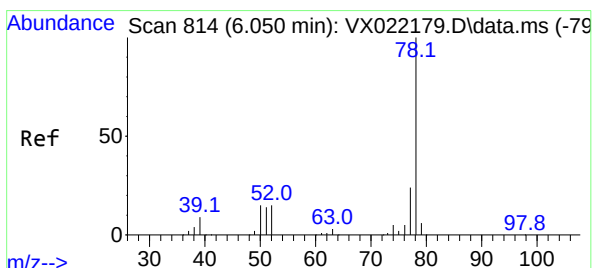
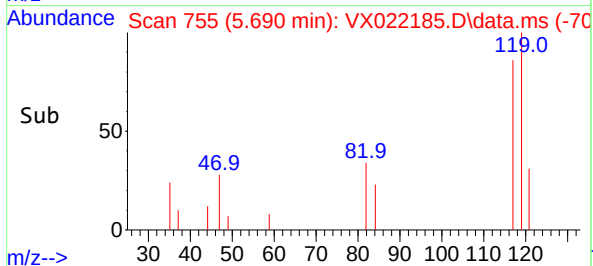
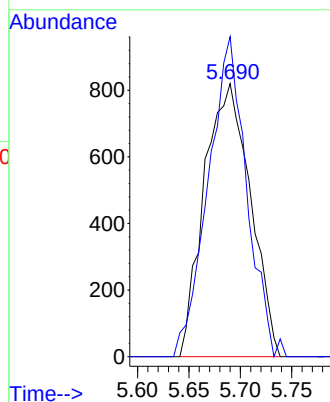
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05



Tgt Ion:117 Resp: 2561
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3

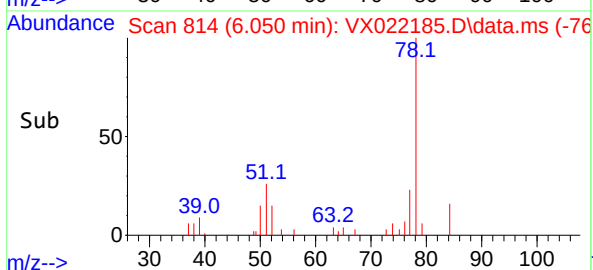
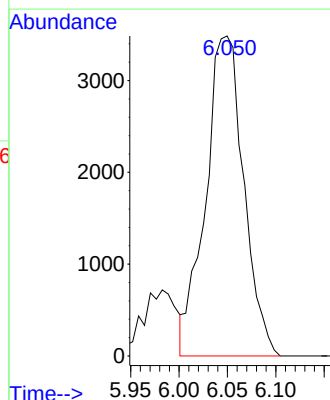
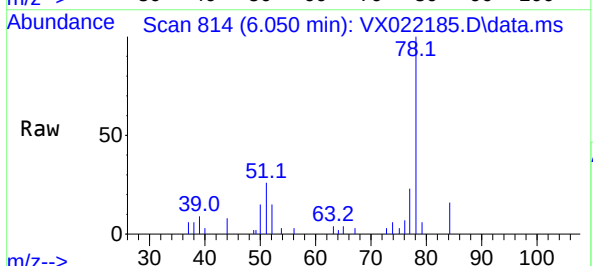
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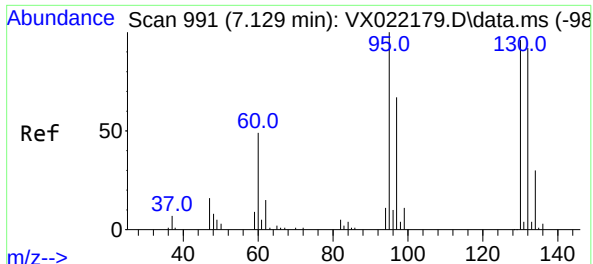
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#33
Benzene
Concen: 2.117 ug/L
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 78 Resp: 9537





#34

Trichloroethene

Concen: 2.005 ug/L

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022185.D

Acq: 25 May 2021 19:24

Tgt Ion: 95 Resp: 2280

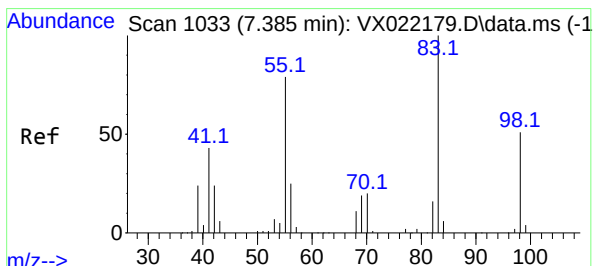
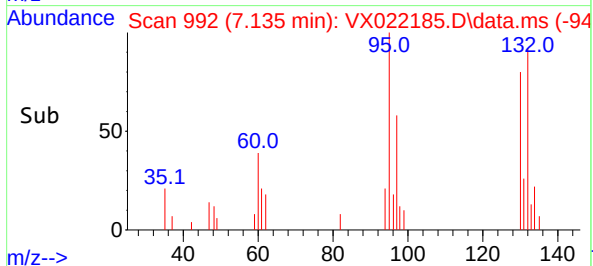
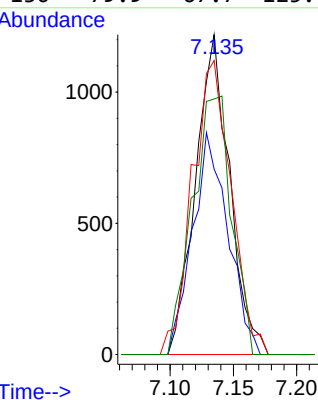
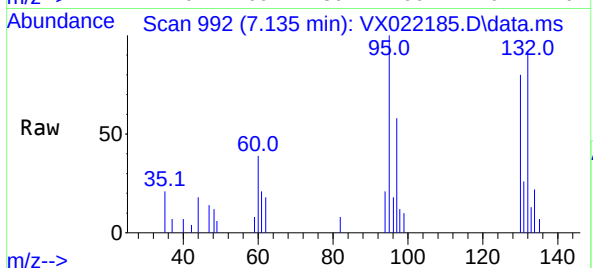
Ion Ratio Lower Upper

95 100

97 58.0 44.5 82.7

132 91.9 65.2 121.0

130 79.9 67.7 125.7



#35

Methylcyclohexane

Concen: 2.113 ug/L

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX022185.D

Acq: 25 May 2021 19:24

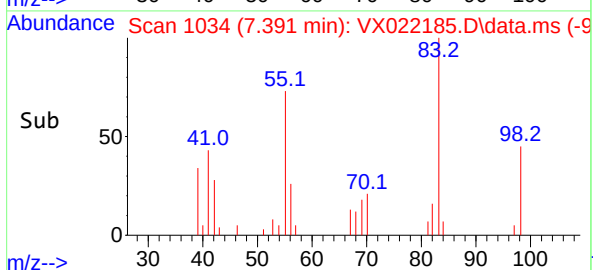
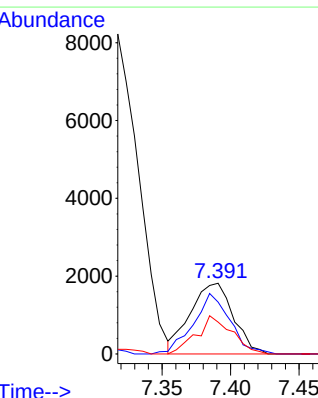
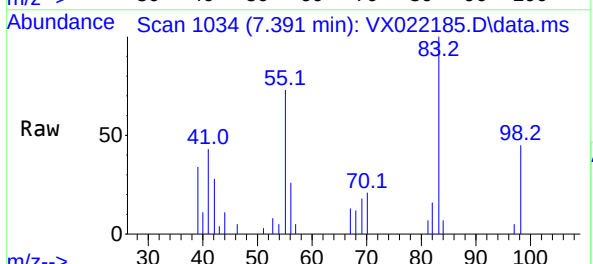
Tgt Ion: 83 Resp: 3963

Ion Ratio Lower Upper

83 100

55 73.0 61.2 91.8

98 44.3 38.7 58.1



Instrument :

MSVOA_X

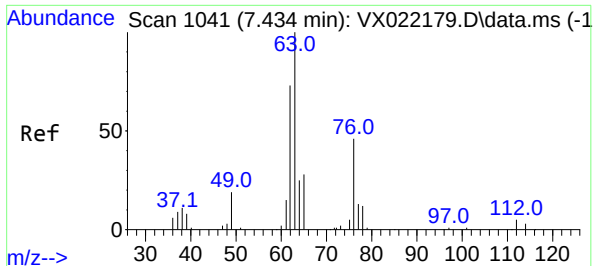
ClientSampleId :

MDL-WATER-QT3-2021-05

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#37

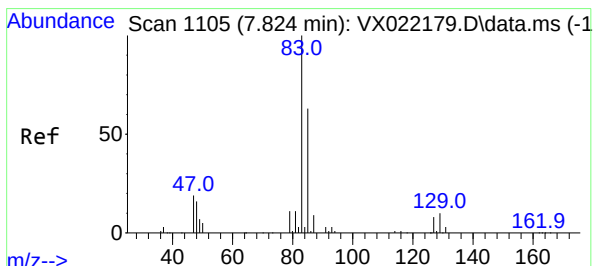
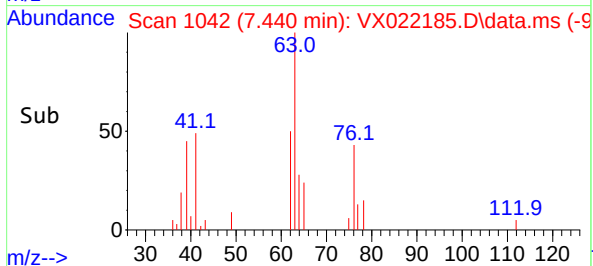
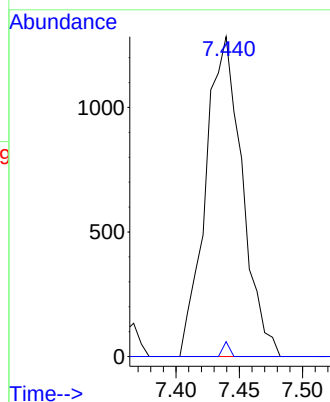
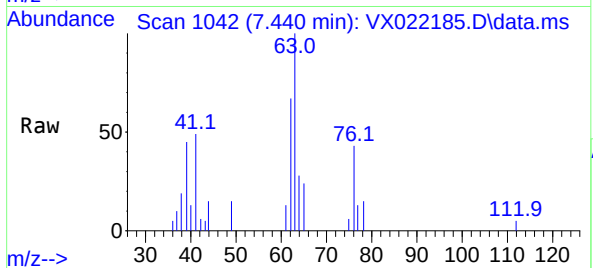
1,2-Dichloropropane
Concen: 2.238 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 63 Resp: 2583
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

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

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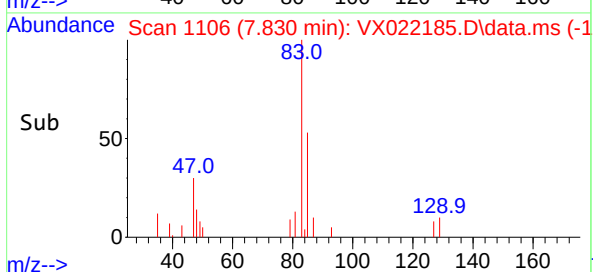
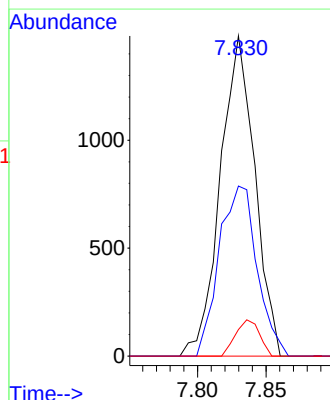
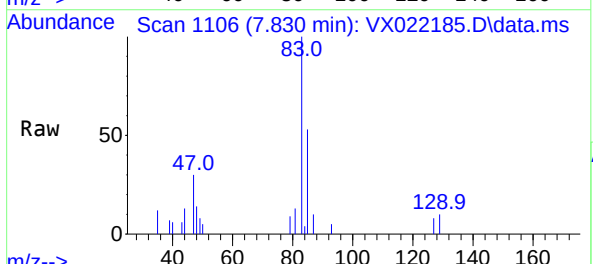
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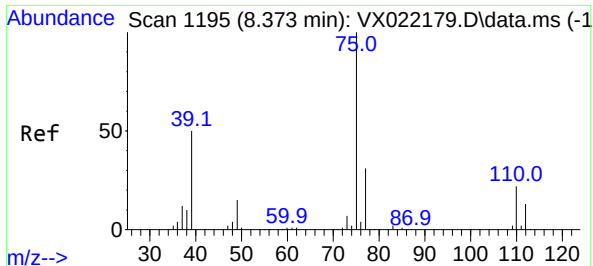


#38

Bromodichloromethane
Concen: 1.805 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 83 Resp: 2601
Ion Ratio Lower Upper
83 100
85 53.1 45.1 83.7
127 8.3 6.6 10.0





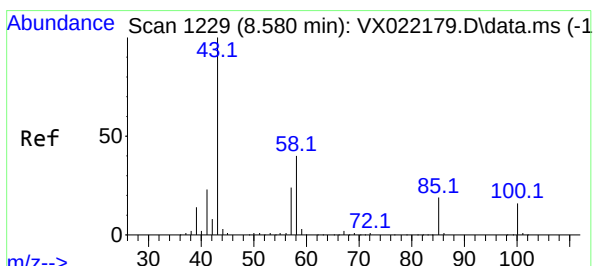
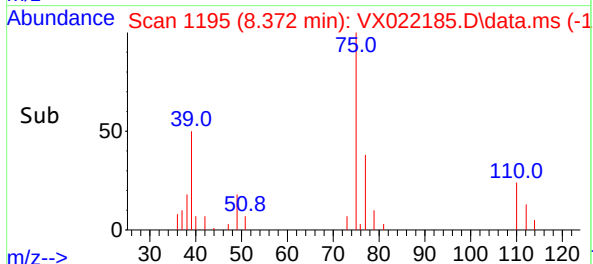
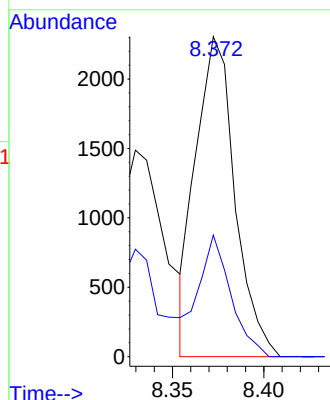
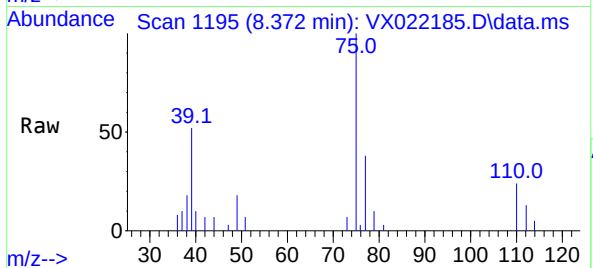
#39
cis-1,3-Dichloropropene
Concen: 1.916 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. -0.001 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 75 Resp: 3424
Ion Ratio Lower Upper
75 100
77 38.0 22.7 42.3

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

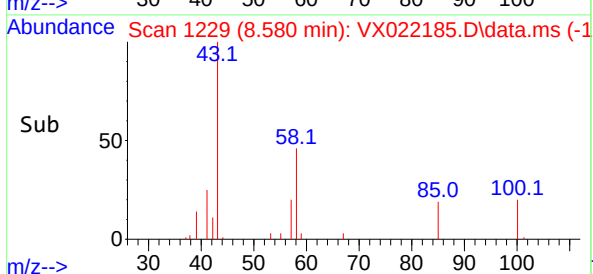
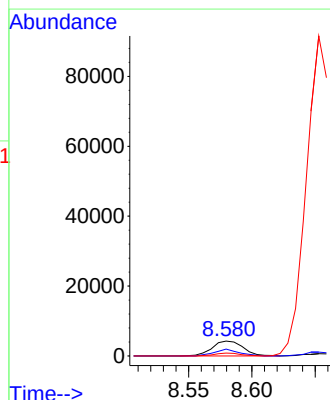
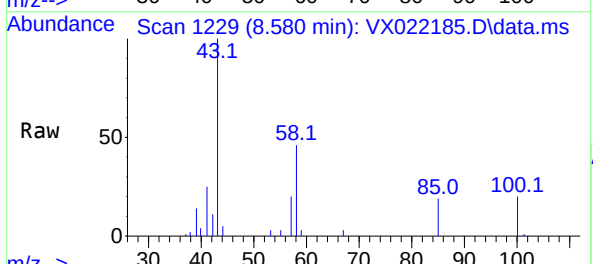
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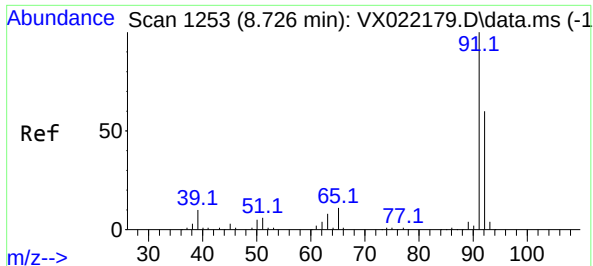
MMDadoda
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#40
4-Methyl-2-pentanone
Concen: 4.006 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 43 Resp: 7285
Ion Ratio Lower Upper
43 100
58 36.0 35.0 52.4
100 16.4 14.2 21.4





#42

Toluene

Concen: 2.690 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. -0.000 min

Lab File: VX022185.D

Acq: 25 May 2021 19:24

Tgt Ion: 91 Resp: 12806

Ion Ratio Lower Upper

91 100

92 62.3 40.5 75.1

Instrument :

MSVOA_X

ClientSampleId :

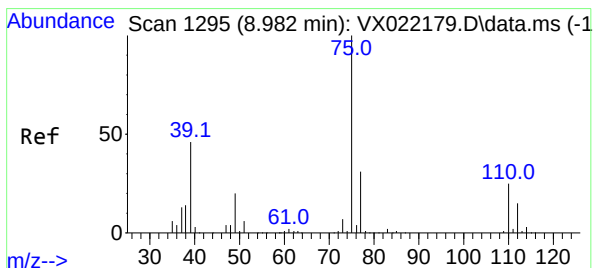
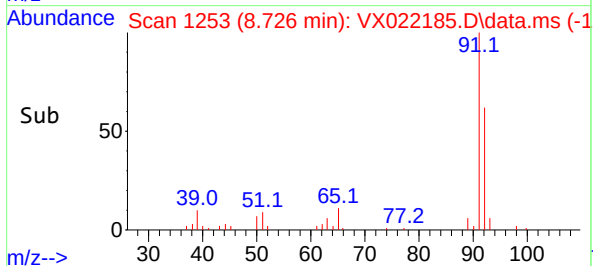
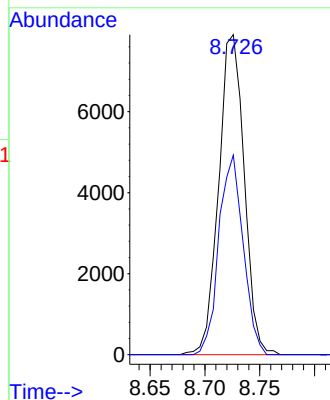
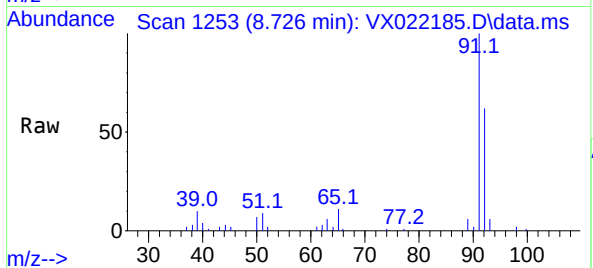
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#44

trans-1,3-Dichloropropene

Concen: 2.012 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX022185.D

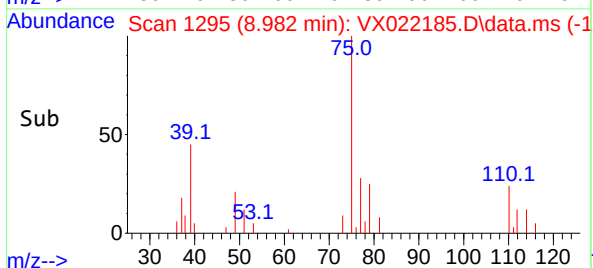
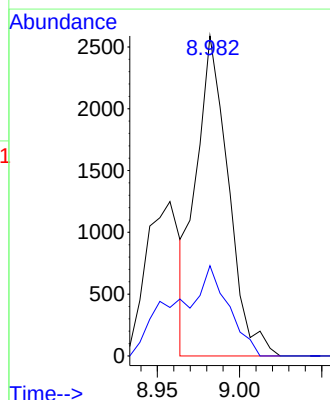
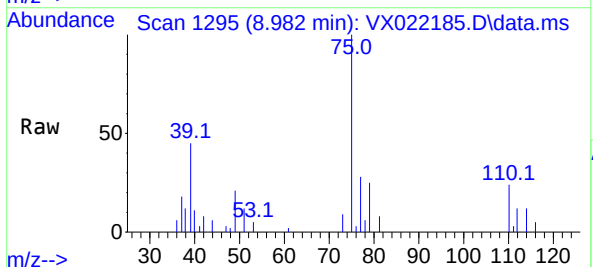
Acq: 25 May 2021 19:24

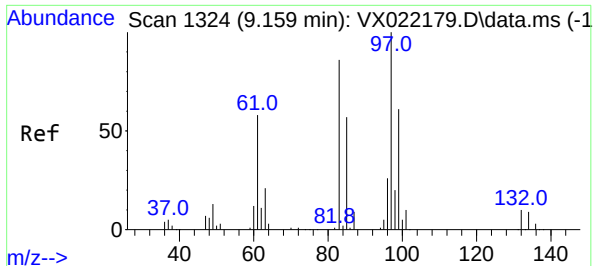
Tgt Ion: 75 Resp: 3523

Ion Ratio Lower Upper

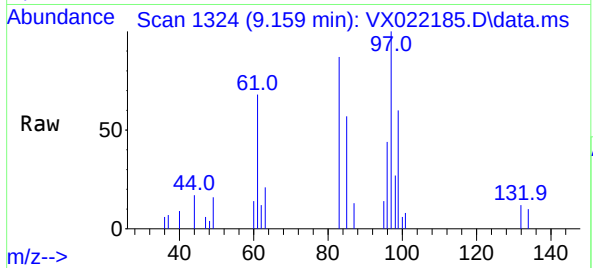
75 100

77 28.2 22.4 41.6



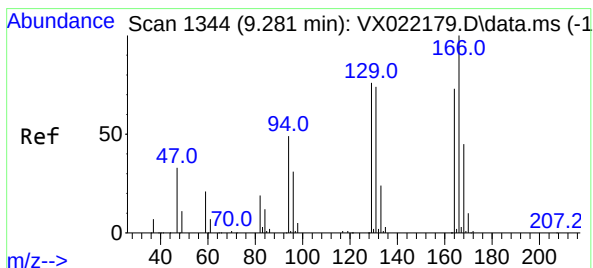
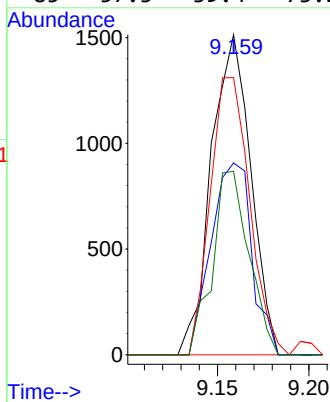
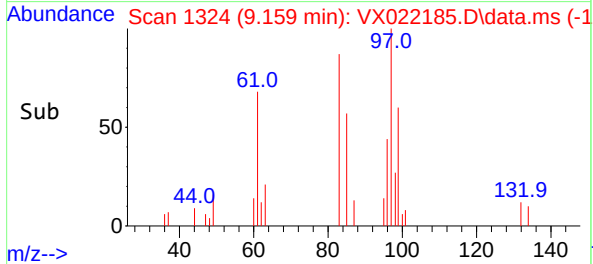


#45
1,1,2-Trichloroethane
Concen: 2.052 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

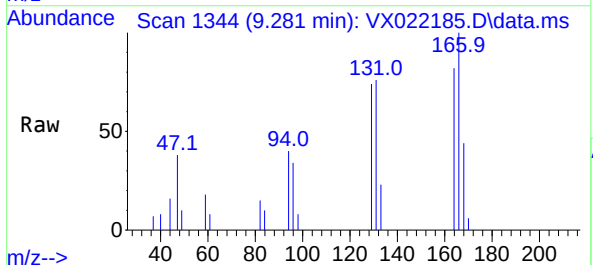


Tgt Ion: 97 Resp: 2276

Ion	Ratio	Lower	Upper
97	100		
99	59.9	44.0	81.6
83	86.6	60.8	113.0
85	57.3	39.4	73.2

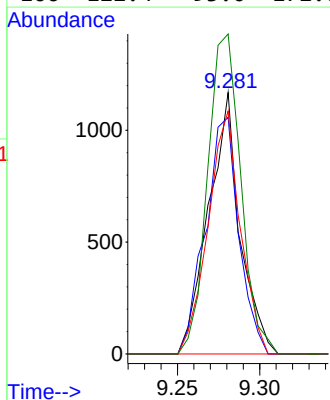
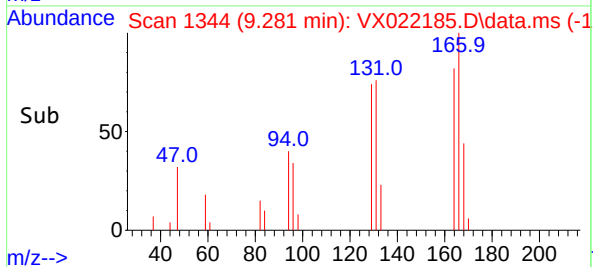


#46
Tetrachloroethene
Concen: 2.043 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



Tgt Ion: 164 Resp: 1553

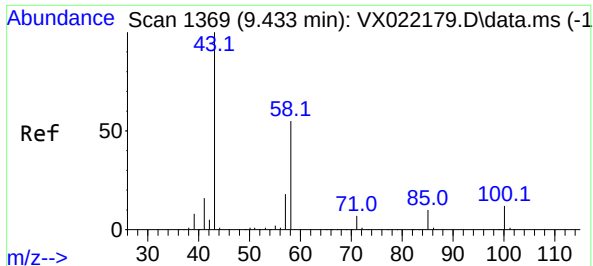
Ion	Ratio	Lower	Upper
164	100		
129	90.5	65.6	121.8
131	92.9	63.7	118.3
166	122.4	93.0	172.6



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

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#48
2-Hexanone
Concen: 4.011 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

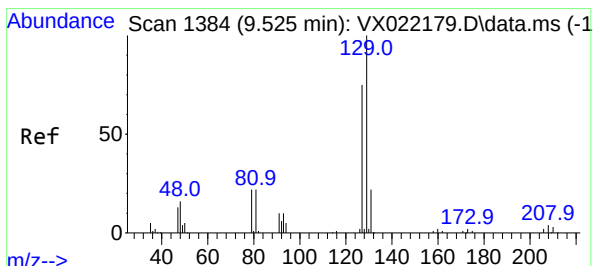
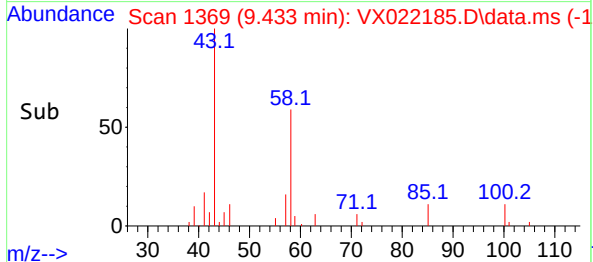
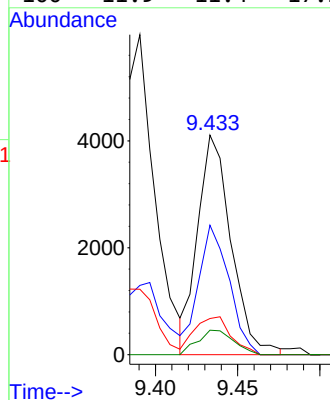
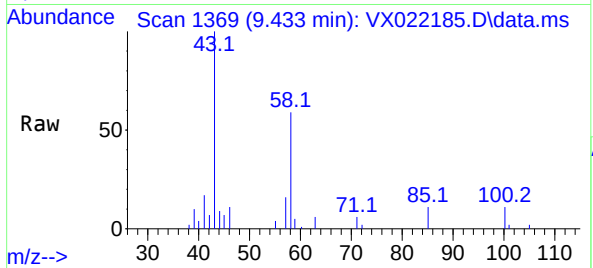
Tgt Ion: 43 Resp: 5817

Ion	Ratio	Lower	Upper
43	100		
58	53.8	50.1	75.1
57	18.8	17.3	25.9
100	11.9	11.4	17.2

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

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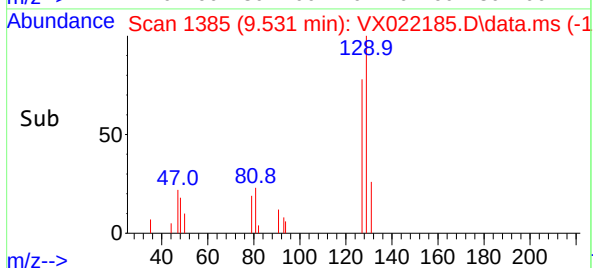
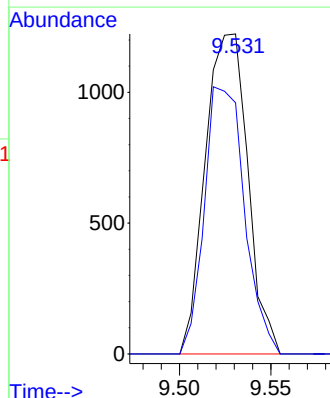
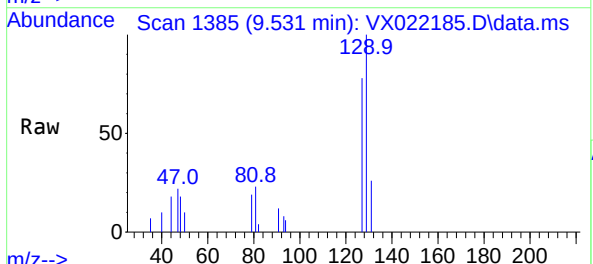
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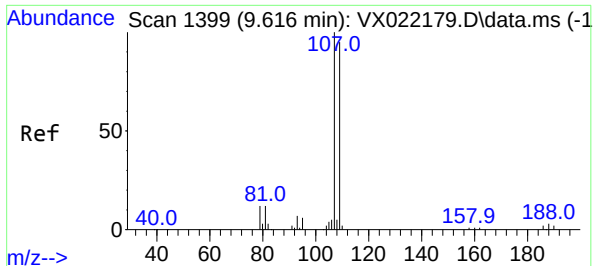


#49
Dibromochloromethane
Concen: 1.882 ug/L
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 129 Resp: 1982

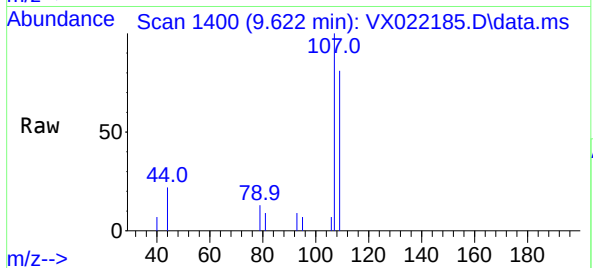
Ion	Ratio	Lower	Upper
129	100		
127	78.5	52.5	97.5





#50
1,2-Dibromoethane
Concen: 2.053 ug/L
RT: 9.622 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

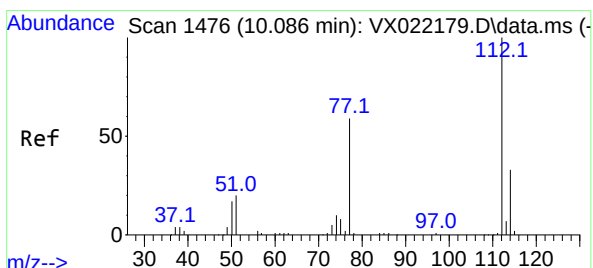
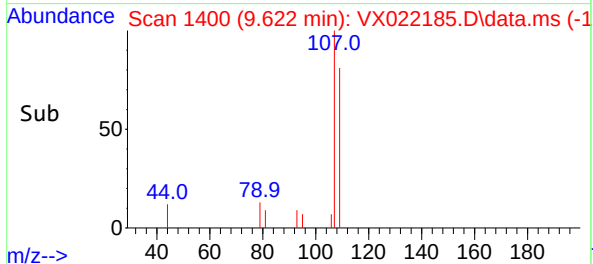
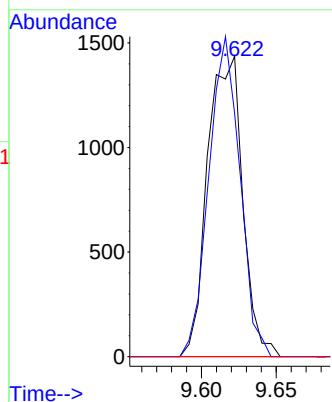
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05



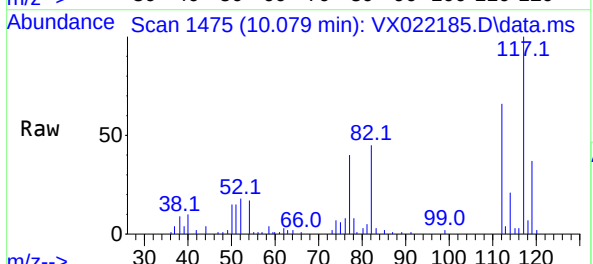
Tgt Ion:107 Resp: 2343
Ion Ratio Lower Upper
107 100
109 81.0 66.4 123.4
188 0.0 3.2 4.8#

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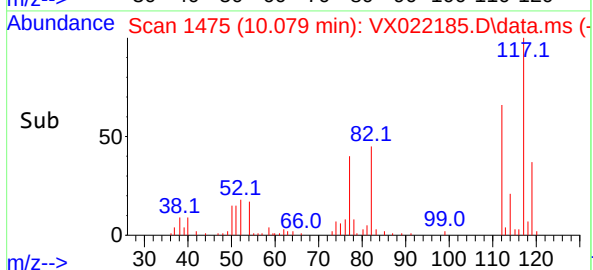
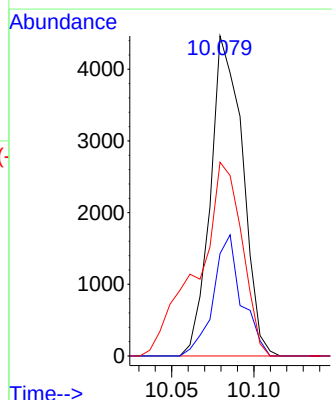
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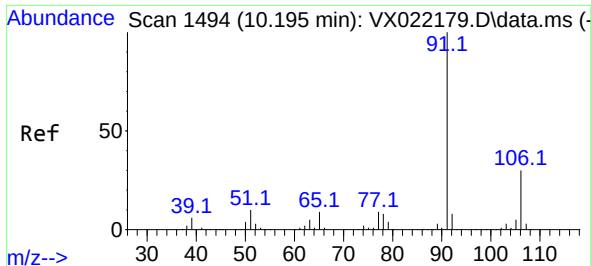


#51
Chlorobenzene
Concen: 2.032 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



Tgt Ion:112 Resp: 6065
Ion Ratio Lower Upper
112 100
114 32.0 23.2 43.2
77 60.5 48.4 72.6





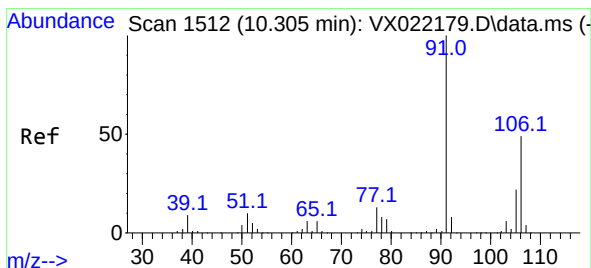
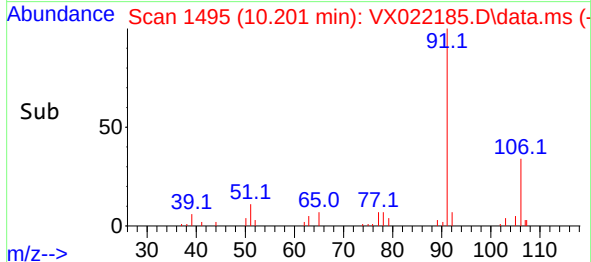
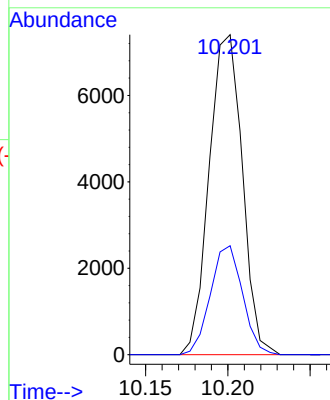
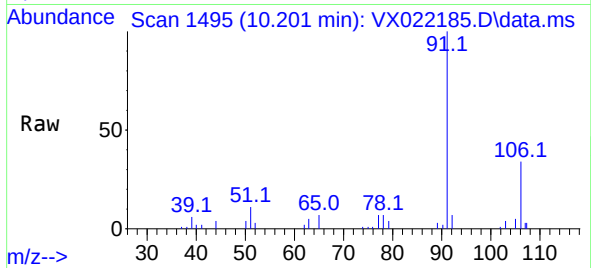
#52
Ethylbenzene
Concen: 1.961 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 91 Resp: 10387
Ion Ratio Lower Upper
91 100
106 34.1 21.0 39.0

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

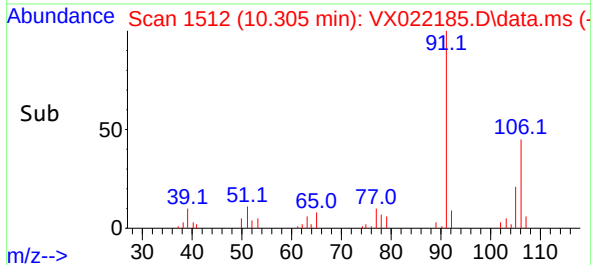
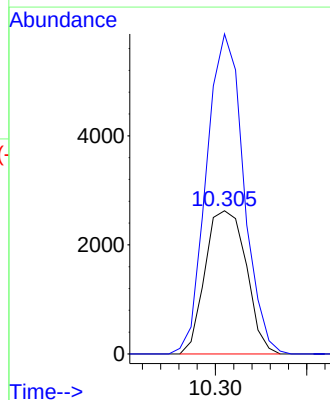
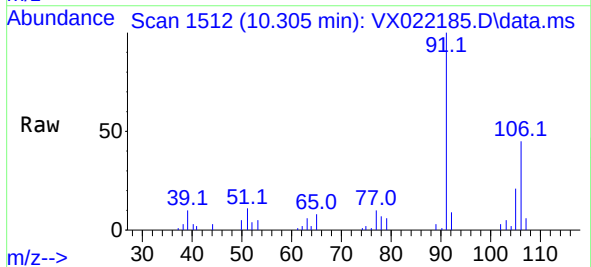
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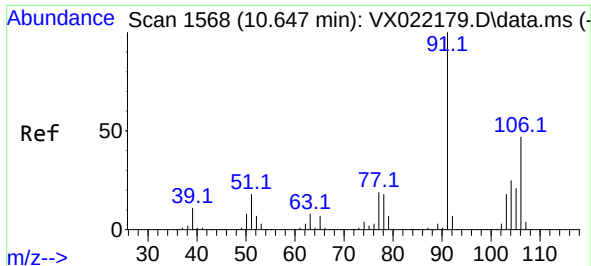
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#53
m,p-Xylene
Concen: 2.034 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 106 Resp: 4105
Ion Ratio Lower Upper
106 100
91 223.4 142.5 264.6





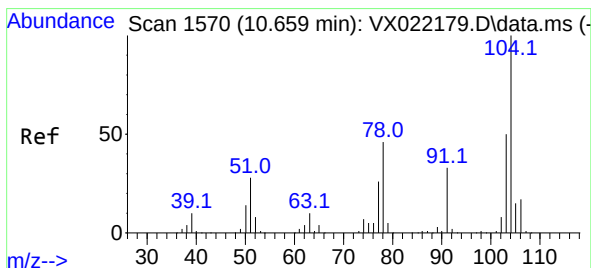
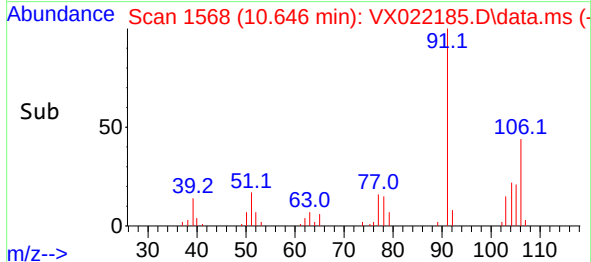
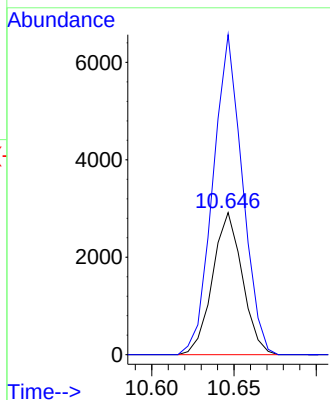
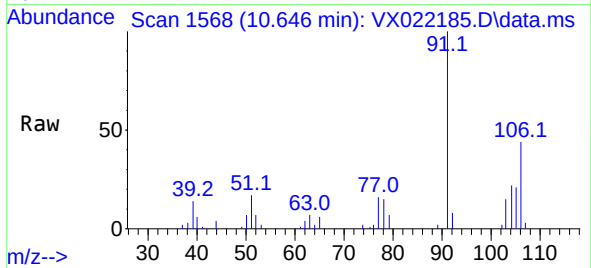
#54
o-Xylene
Concen: 1.879 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:106 Resp: 3685
Ion Ratio Lower Upper
106 100
91 225.2 156.2 290.0

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

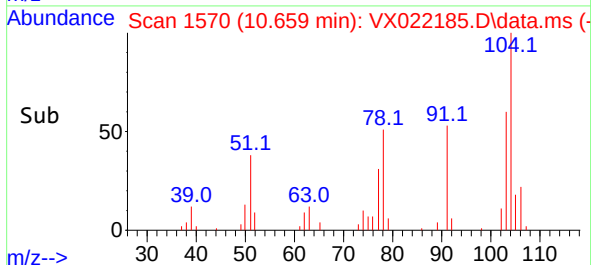
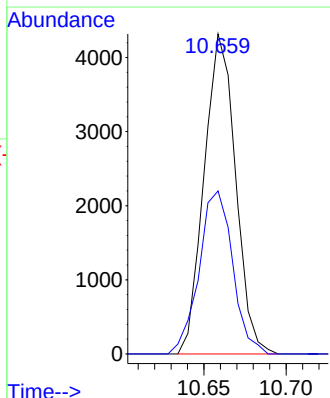
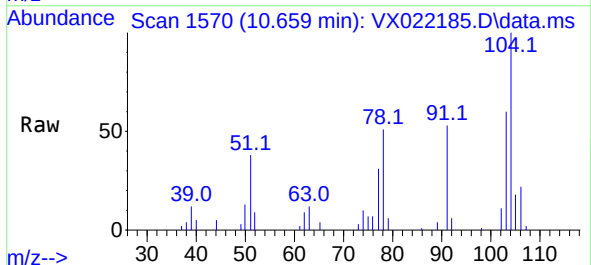
Manual Integrations
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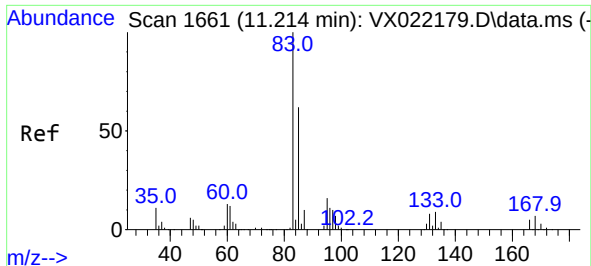
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#55
Styrene
Concen: 1.738 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:104 Resp: 5737
Ion Ratio Lower Upper
104 100
78 50.9 30.0 55.6





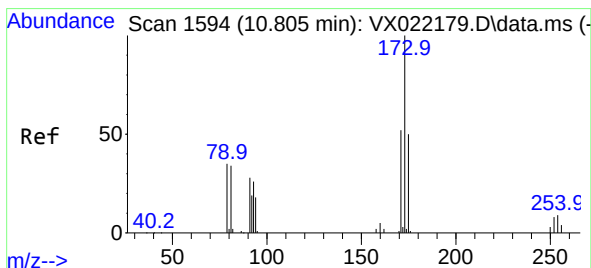
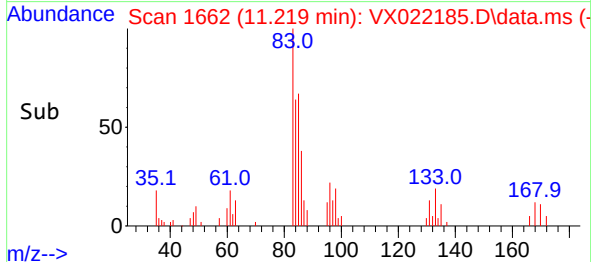
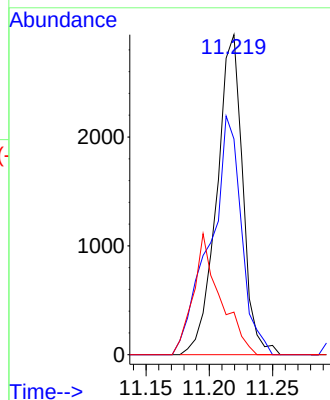
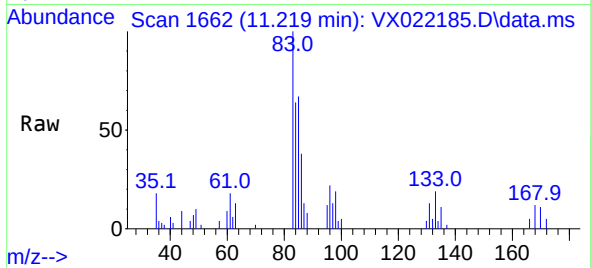
#57
1,1,2,2-Tetrachloroethane
Concen: 2.316 ug/L
RT: 11.219 min Scan# 1662
Delta R.T. 0.005 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion: 83 Resp: 4188
Ion Ratio Lower Upper
83 100
85 67.4 44.7 82.9
131 13.3 7.8 11.8#

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

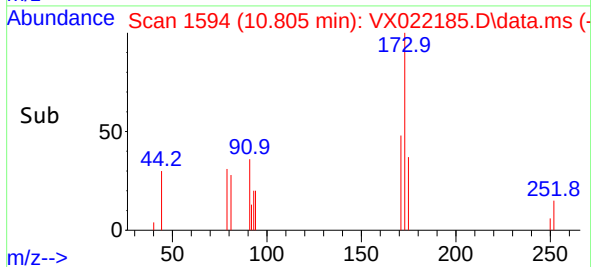
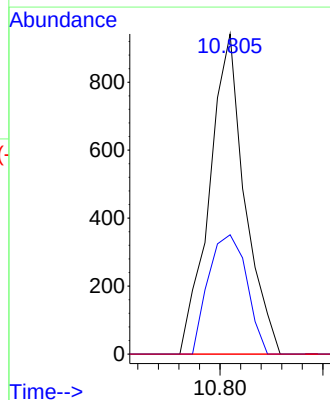
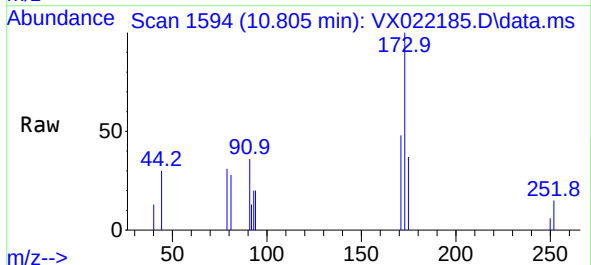
Manual Integrations
APPROVED

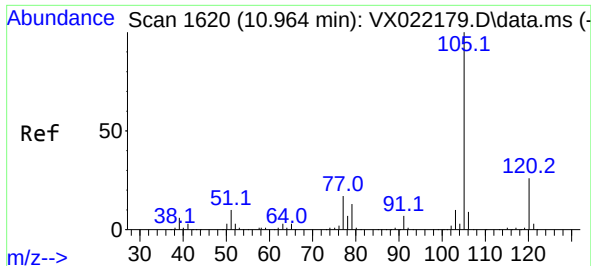
MMDadoda
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#59
Bromoform
Concen: 1.863 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:173 Resp: 1124
Ion Ratio Lower Upper
173 100
175 40.5 39.4 59.2
254 0.0 8.6 13.0#





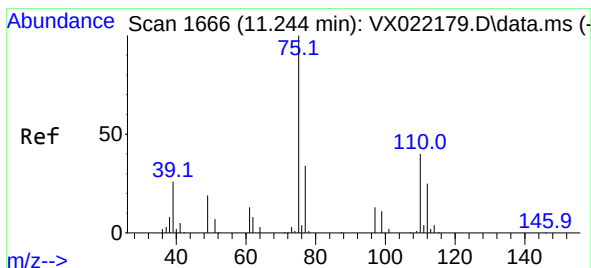
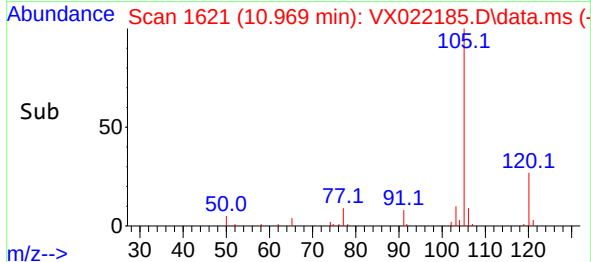
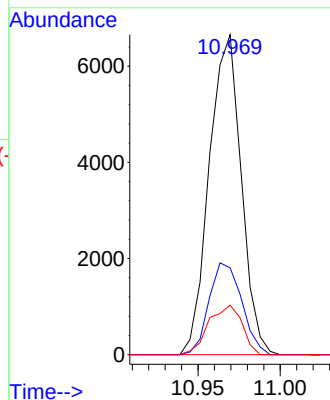
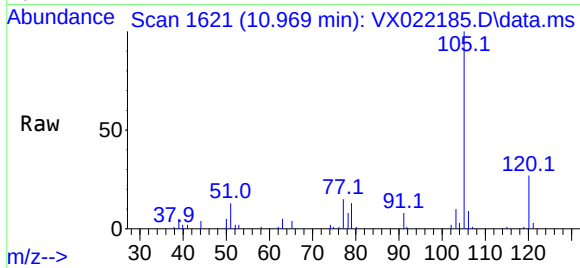
#60
Isopropylbenzene
Concen: 1.903 ug/L
RT: 10.969 min Scan# 1621
Delta R.T. 0.005 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:	105	Resp:	9010
Ion	Ratio	Lower	Upper
105	100		
120	29.4	21.2	31.8
77	16.1	12.6	18.8

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

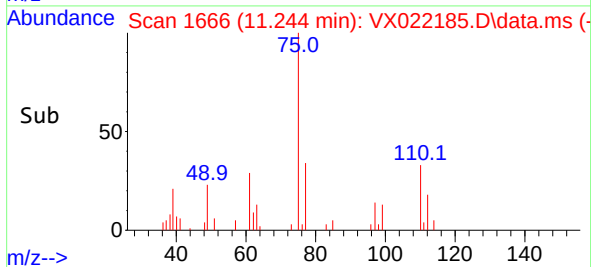
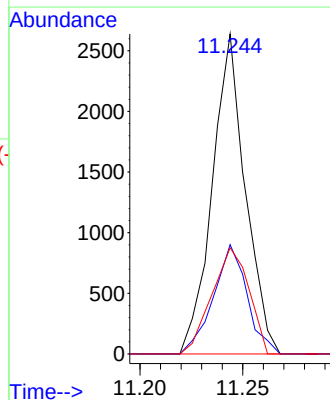
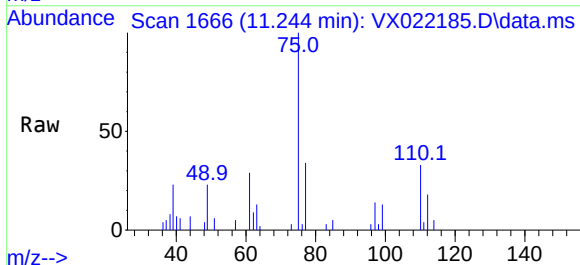
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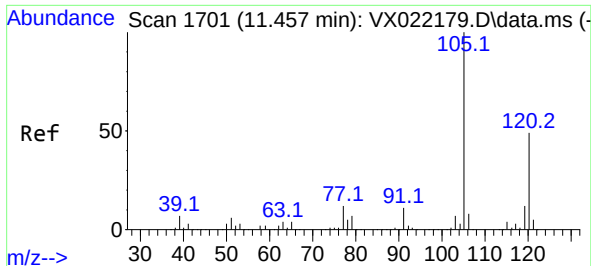
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#61
1,2,3-Trichloropropane
Concen: 2.177 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:	75	Resp:	2949
Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.2	39.2
110	37.2	31.8	47.8





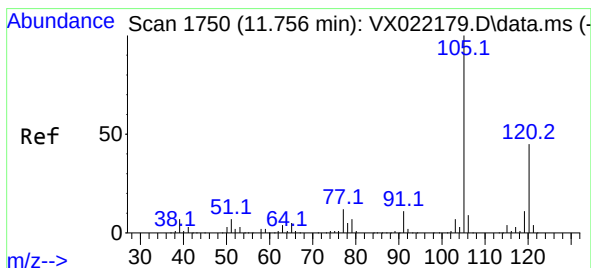
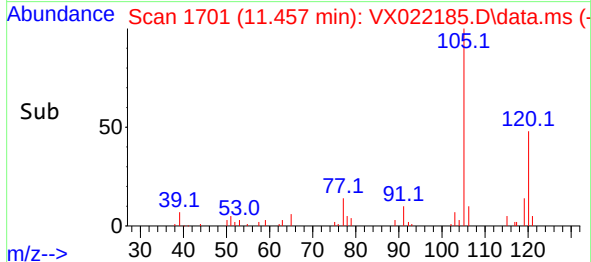
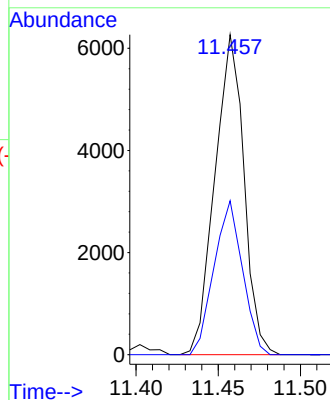
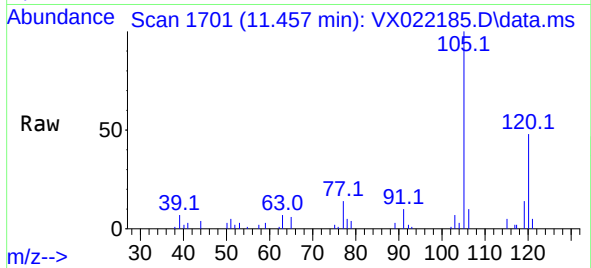
#62
1,3,5-Trimethylbenzene
Concen: 1.931 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:105 Resp: 7696
Ion Ratio Lower Upper
105 100
120 47.3 38.0 57.0

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

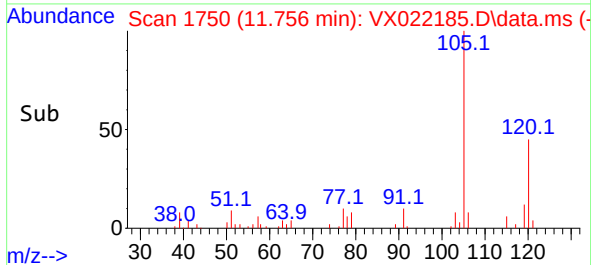
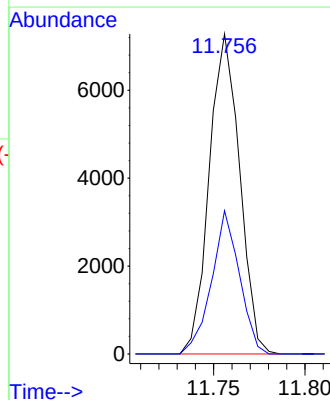
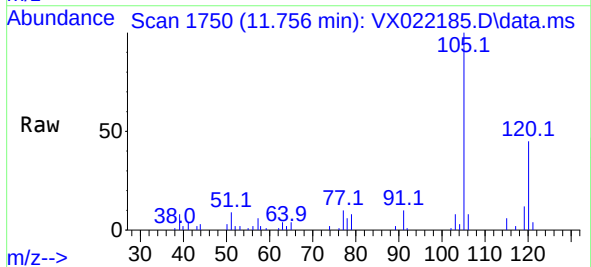
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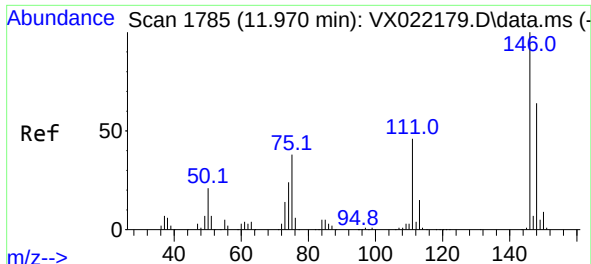
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#63
1,2,4-Trimethylbenzene
Concen: 2.090 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:105 Resp: 8426
Ion Ratio Lower Upper
105 100
120 41.1 36.4 54.6





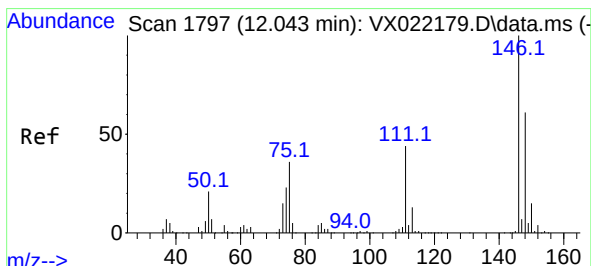
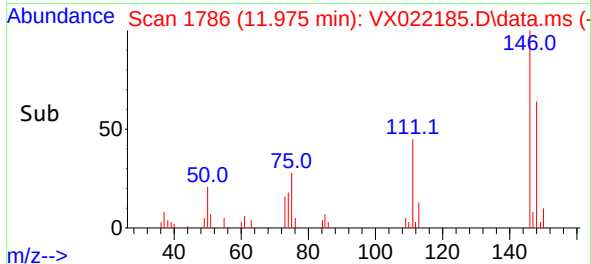
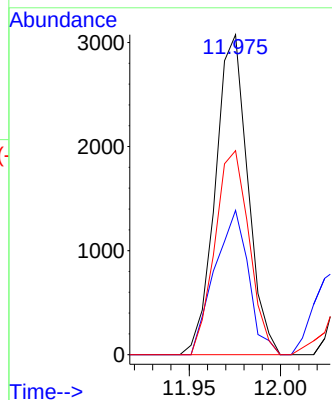
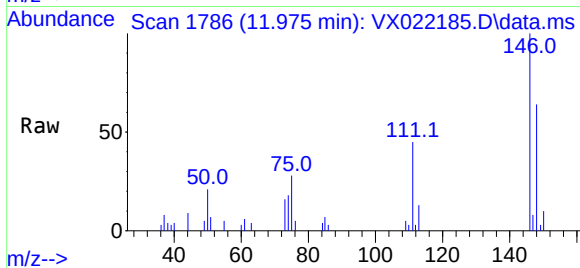
#64
1,3-Dichlorobenzene
Concen: 1.987 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.005 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:146 Resp: 3792
Ion Ratio Lower Upper
146 100
111 45.1 28.9 53.7
148 63.7 47.7 88.7

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

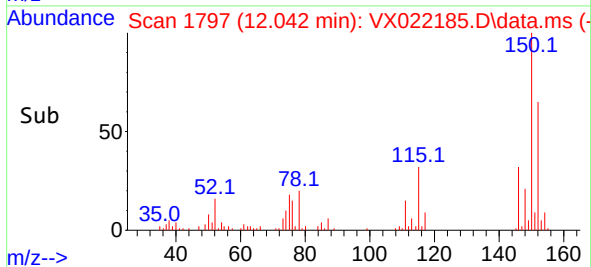
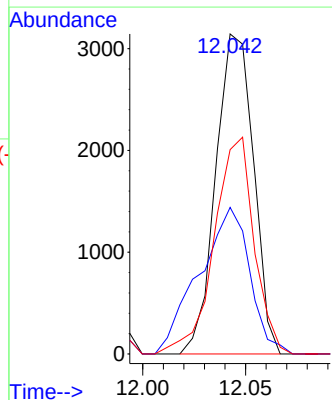
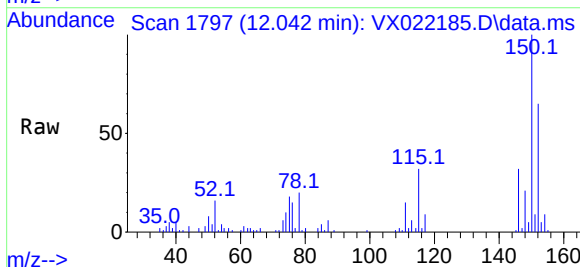
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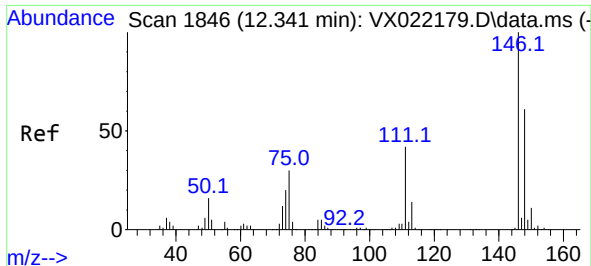
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#65
1,4-Dichlorobenzene
Concen: 2.101 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:146 Resp: 4024
Ion Ratio Lower Upper
146 100
111 45.8 28.7 53.3
148 63.8 45.8 85.2





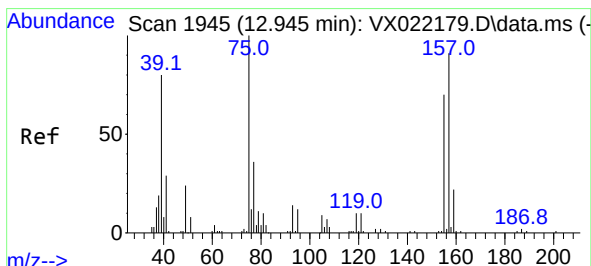
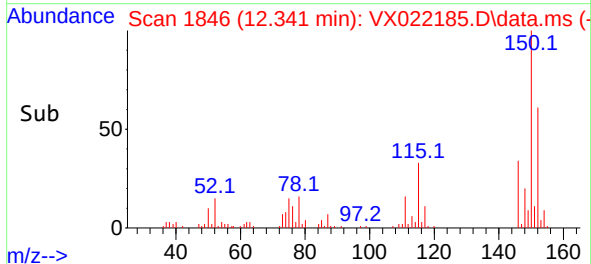
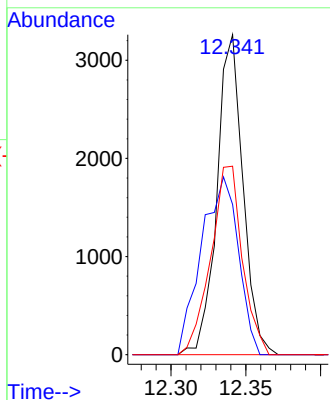
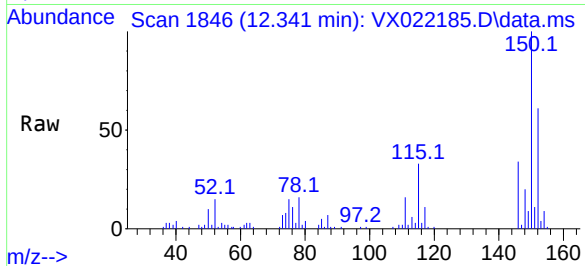
#67
1,2-Dichlorobenzene
Concen: 2.056 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

Tgt Ion:	146	Resp:	3950
Ion Ratio	Lower	Upper	
146	100		
111	46.9	33.8	50.8
148	58.9	51.4	77.2

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

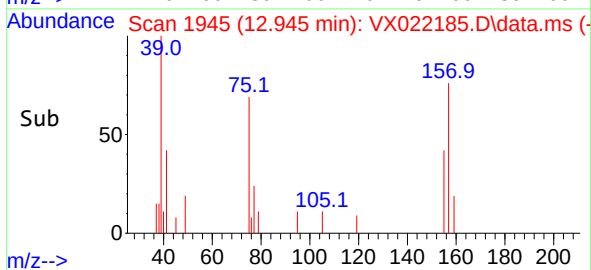
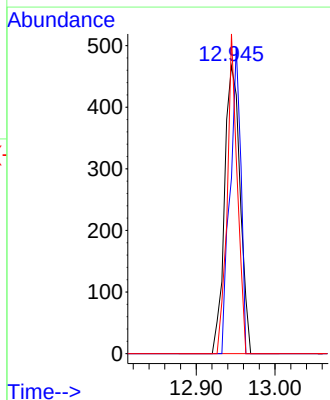
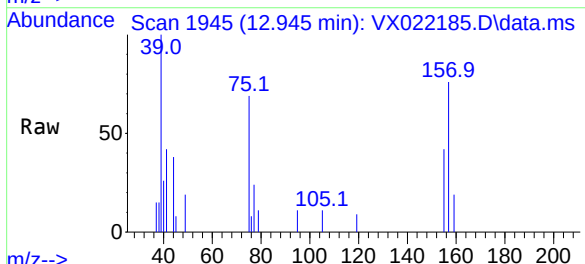
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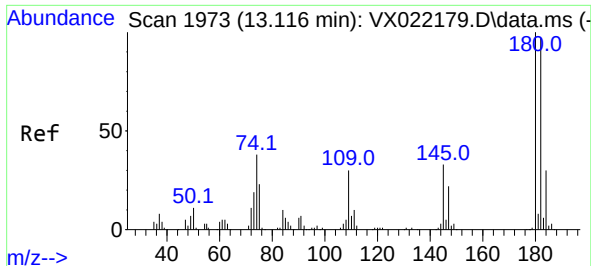
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#68
1,2-Dibromo-3-chloropropane
Concen: 1.863 ug/L m
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

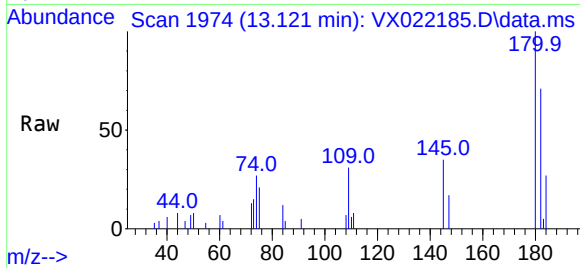
Tgt Ion:	75	Resp:	642
Ion Ratio	Lower	Upper	
75	100		
155	61.0	65.3	97.9#
157	111.1	80.5	120.7





#69
1,3,5-Trichlorobenzene
Concen: 1.929 ug/L m
RT: 13.121 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

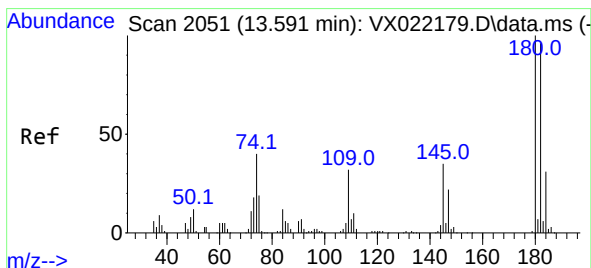
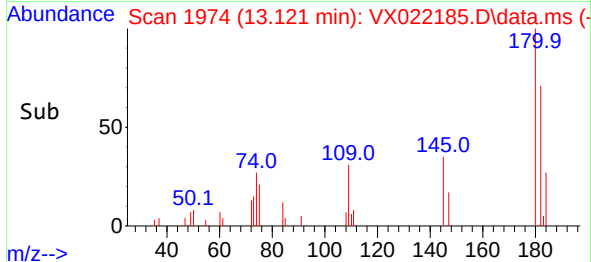
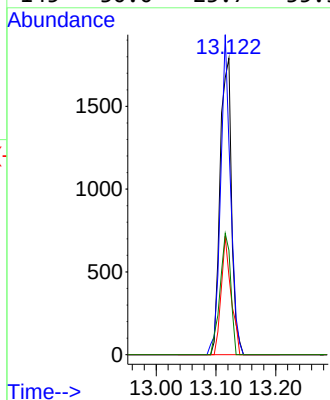
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05



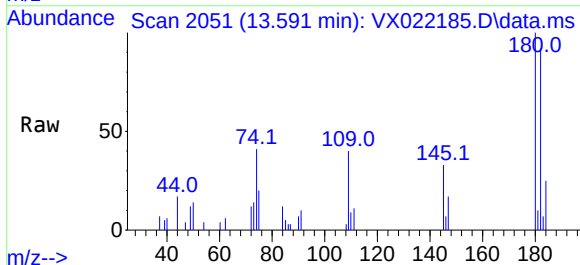
Tgt Ion:180 Resp: 2371
Ion Ratio Lower Upper
180 100
182 89.6 74.8 112.2
184 26.6 24.1 36.1
145 30.0 23.7 35.5

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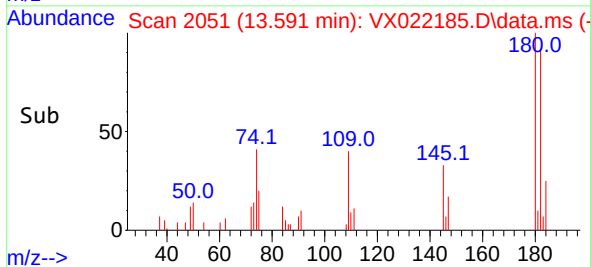
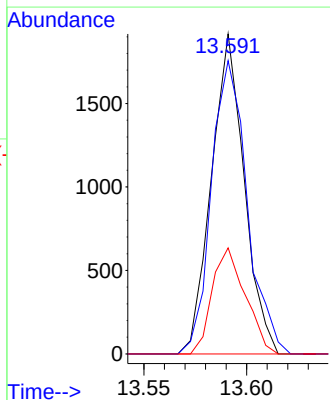
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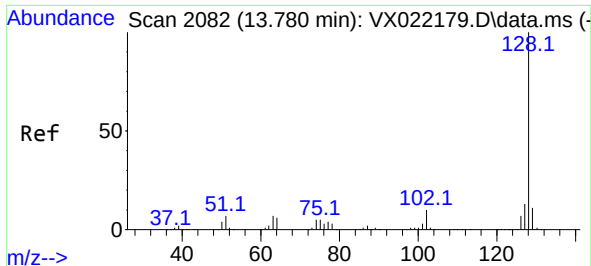


#70
1,2,4-trichlorobenzene
Concen: 1.912 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24

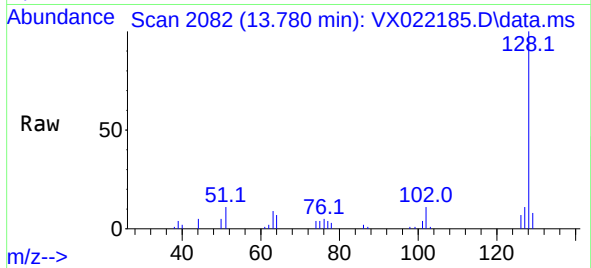


Tgt Ion:180 Resp: 2128
Ion Ratio Lower Upper
180 100
182 99.9 74.3 111.5
145 33.4 24.1 36.1

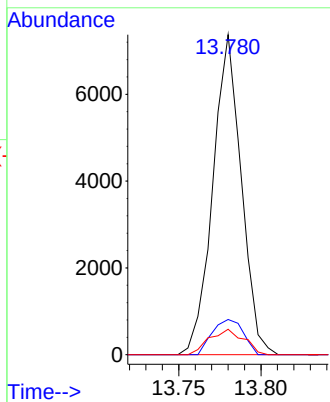
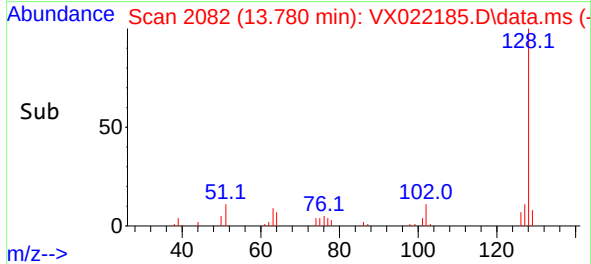




#71
Naphthalene
Concen: 1.908 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



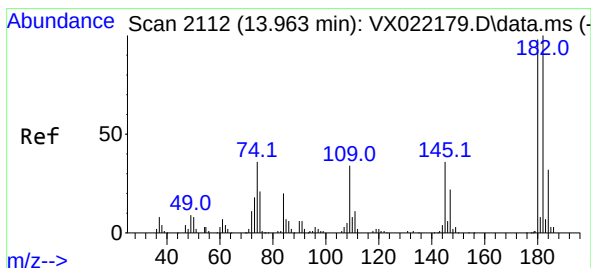
Tgt Ion:128 Resp: 8875
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 9.6 8.6 13.0



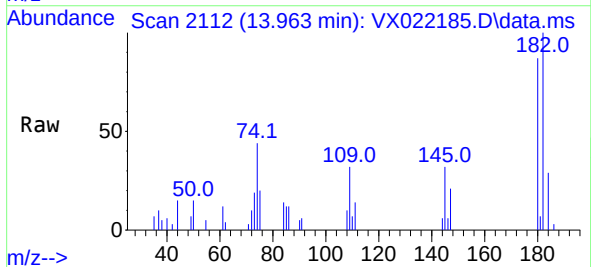
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-05

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 1.732 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022185.D
Acq: 25 May 2021 19:24



Tgt Ion:180 Resp: 1936
Ion Ratio Lower Upper
180 100
182 98.9 74.6 112.0
145 37.4 25.6 38.4

