

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022279.D
 Acq On : 29 May 2021 02:40
 Operator : JC/MD
 Sample : M2529-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41822

Quant Time: May 29 04:59:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

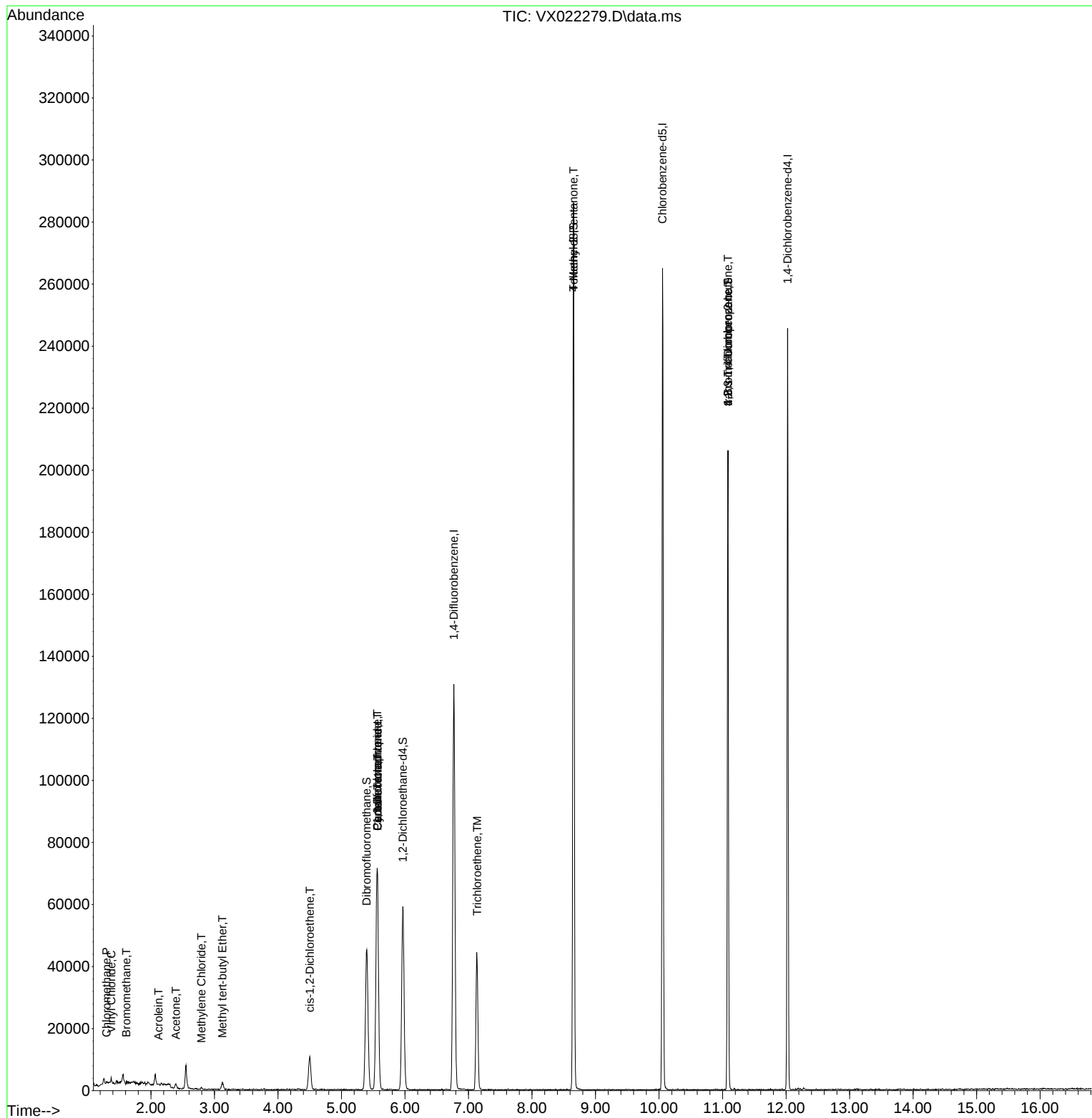
Internal Standards						
1) Pentafluorobenzene	5.568	168	62480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	130514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52361	54.33	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.66%			
35) Dibromofluoromethane	5.397	113	39684	47.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.90%			
50) Toluene-d8	8.653	98	161613	50.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.38%			
62) 4-Bromofluorobenzene	11.085	95	55392	47.00	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.00%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	359	0.44	ug/l #	86
4) Vinyl Chloride	1.374	62	839	0.97	ug/l	89
5) Bromomethane	1.611	94	253	0.50	ug/l #	63
13) Acrolein	2.118	56	47	0.32	ug/l	97
16) Acetone	2.392	43	1741	4.15	ug/l #	75
19) Methyl tert-butyl Ether	3.123	73	2277	0.93	ug/l	93
20) Methylene Chloride	2.794	84	295	0.32	ug/l #	57
27) cis-1,2-Dichloroethene	4.501	96	6292	6.64	ug/l	93
31) Cyclohexane	5.568	56	1724	1.42	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	6193	5.13	ug/l #	48
38) Carbon Tetrachloride	5.568	117	6965	5.90	ug/l #	16
44) Trichloroethene	7.135	130	16008	17.35	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	909	0.63	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	28321	26.84	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28321	63.59	ug/l #	12

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

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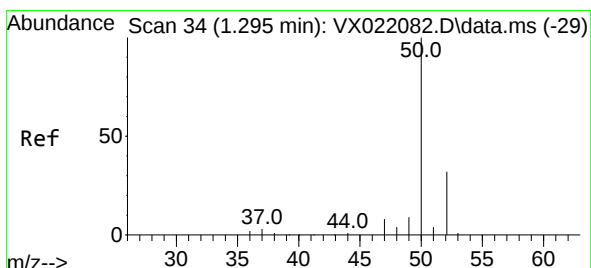
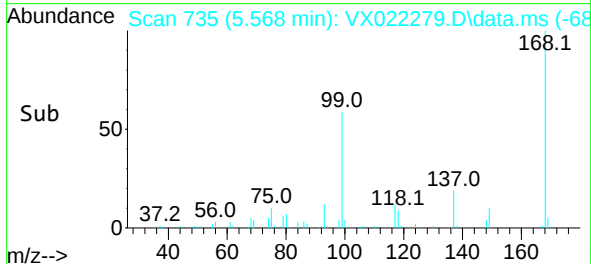
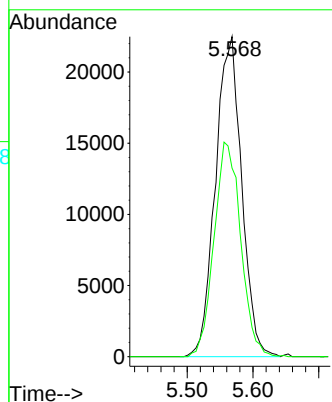
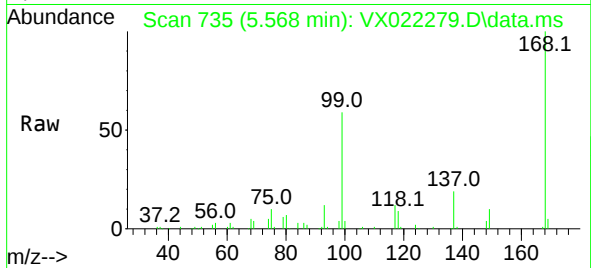




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

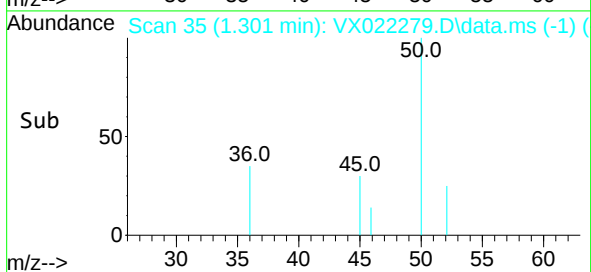
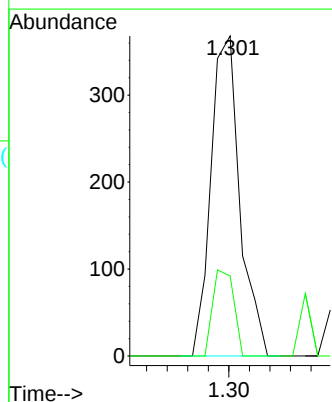
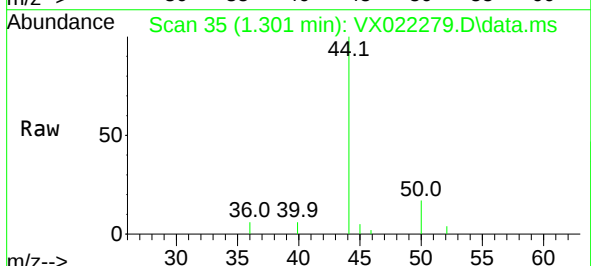
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MSVOA_X
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41822

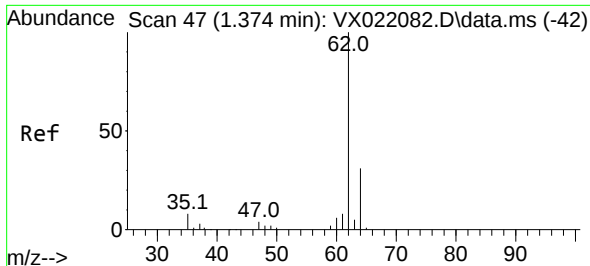
Tgt Ion:168 Resp: 62480
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#3
Chloromethane
Concen: 0.44 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 25.0 26.4 39.6#

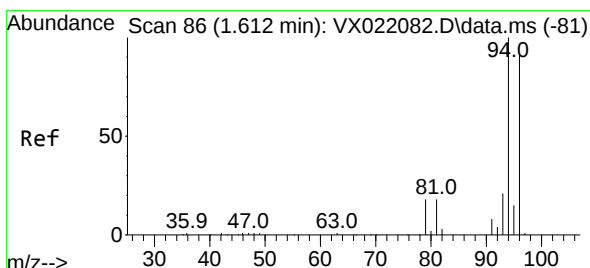
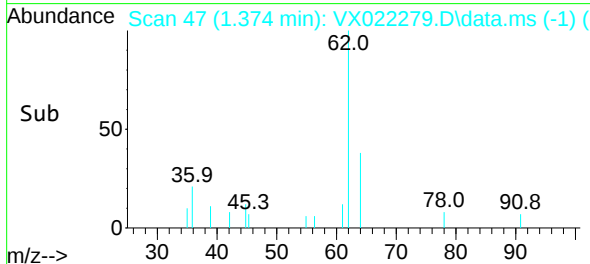
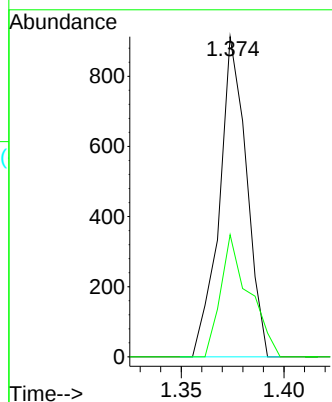
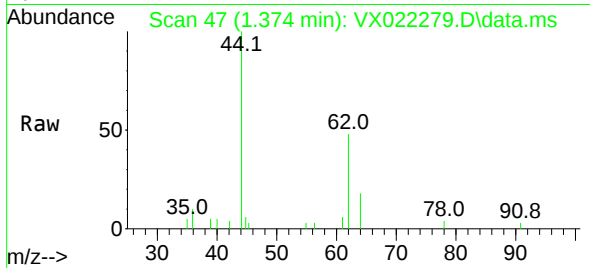




#4
 Vinyl Chloride
 Concen: 0.97 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

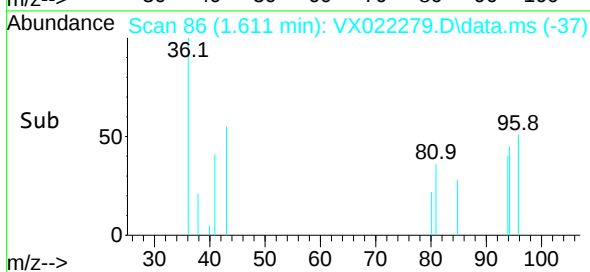
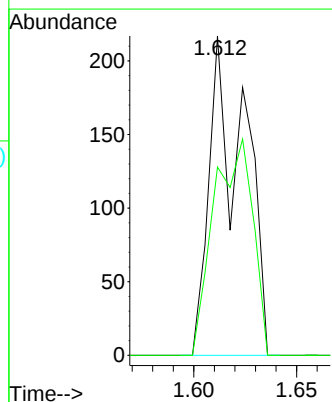
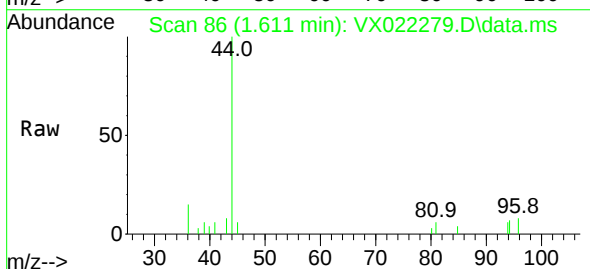
Instrument :
 MSVOA_X
 ClientSampled :
 41822

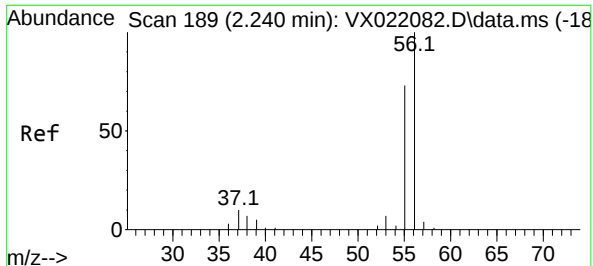
Tgt Ion: 62 Resp: 839
 Ion Ratio Lower Upper
 62 100
 64 38.1 25.7 38.5



#5
 Bromomethane
 Concen: 0.50 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. -0.001 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

Tgt Ion: 94 Resp: 253
 Ion Ratio Lower Upper
 94 100
 96 59.0 76.4 114.6#

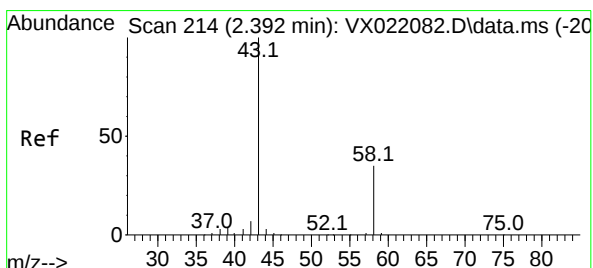
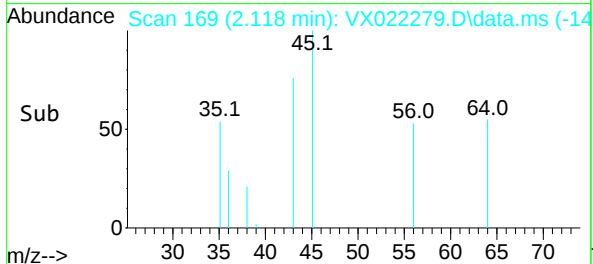
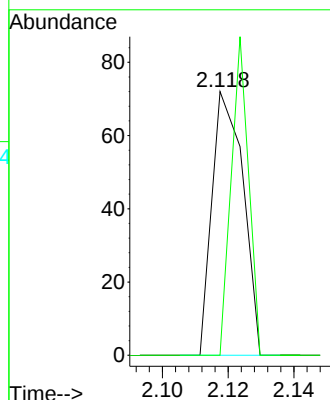
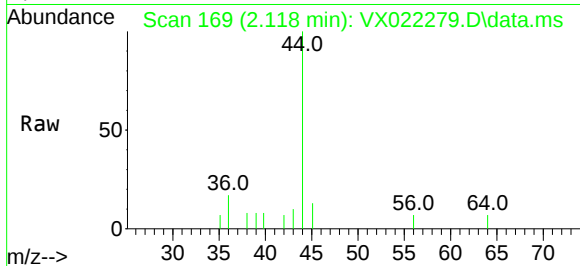




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.118 min Scan# 169
Delta R.T. -0.122 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

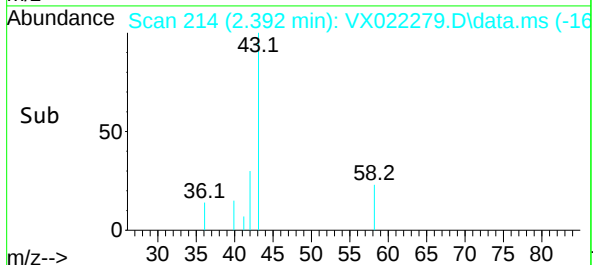
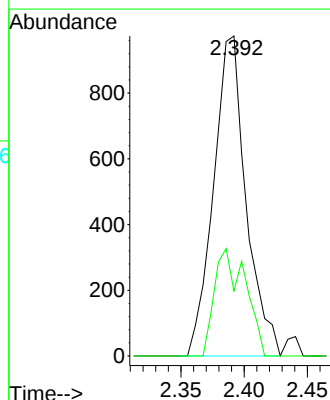
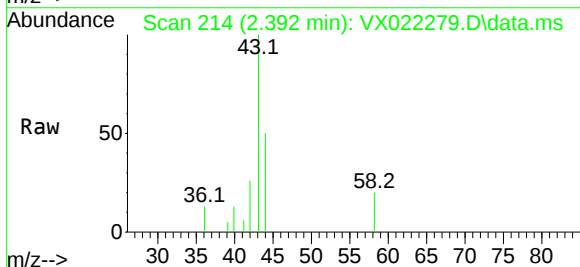
Instrument :
MSVOA_X
ClientSampleId :
41822

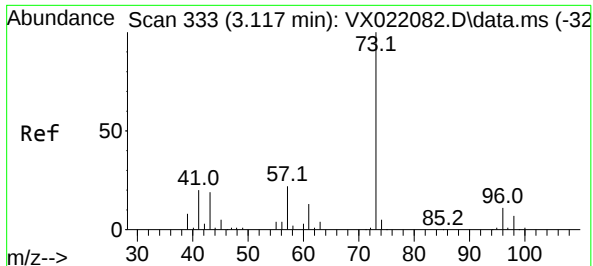
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 68.1 56.4 84.6



#16
Acetone
Concen: 4.15 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
58 20.3 27.8 41.8#



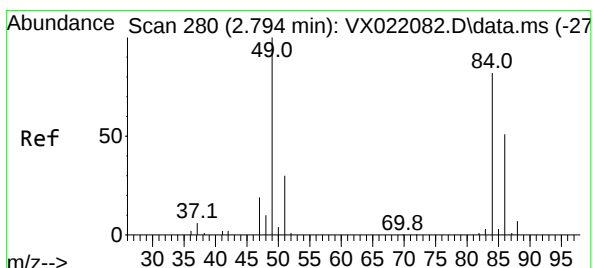
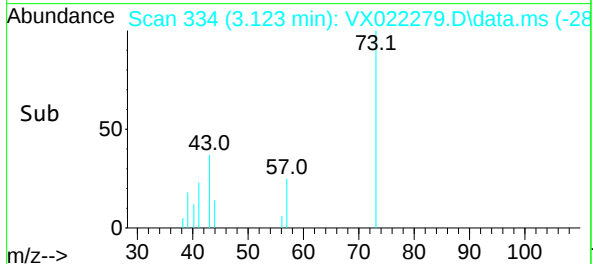
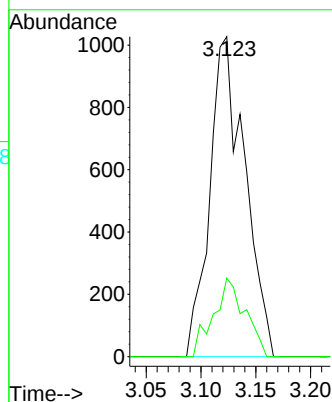
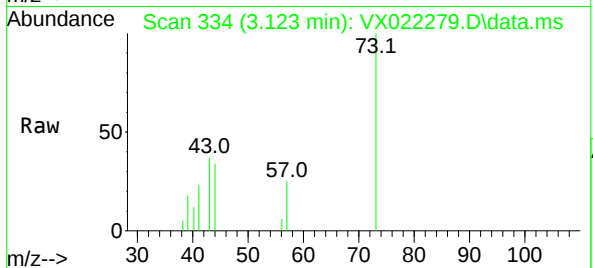


#19

Methyl tert-butyl Ether
 Concen: 0.93 ug/l
 RT: 3.123 min Scan# 334
 Delta R.T. 0.006 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

Instrument :
 MSVOA_X
 ClientSampled :
 41822

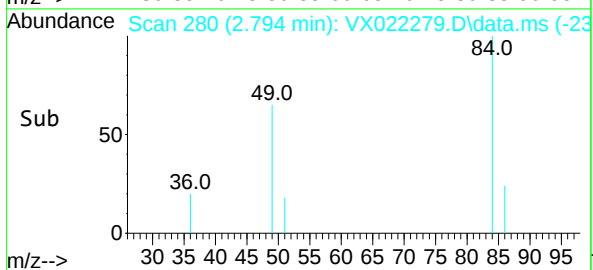
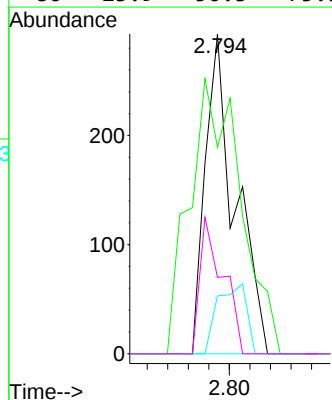
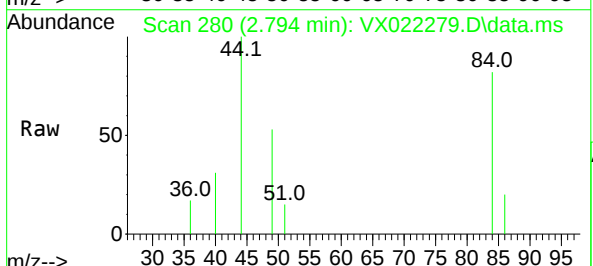
Tgt Ion: 73 Resp: 2277
 Ion Ratio Lower Upper
 73 100
 57 24.5 17.1 25.7

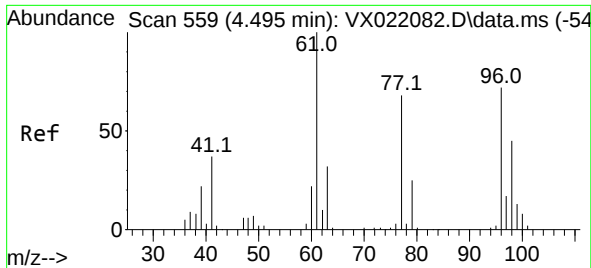


#20

Methylene Chloride
 Concen: 0.32 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

Tgt Ion: 84 Resp: 295
 Ion Ratio Lower Upper
 84 100
 49 64.5 88.6 132.8#
 51 18.1 27.0 40.6#
 86 23.9 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 6.64 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022279.D

Acq: 29 May 2021 02:40

Instrument :

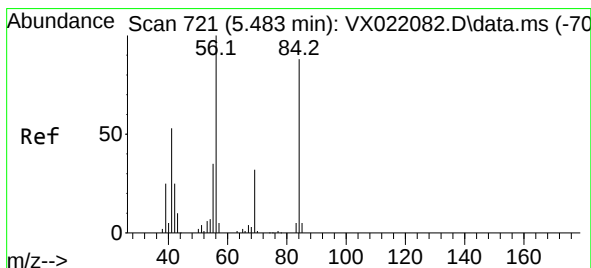
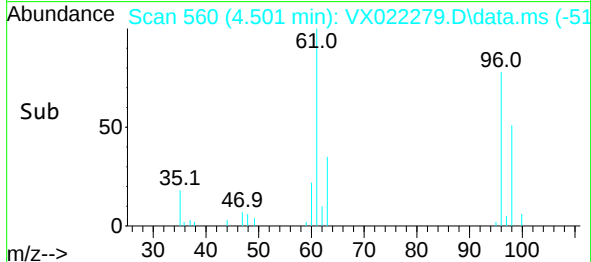
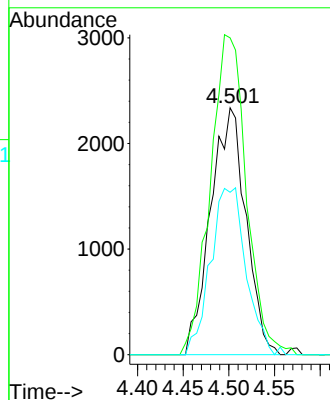
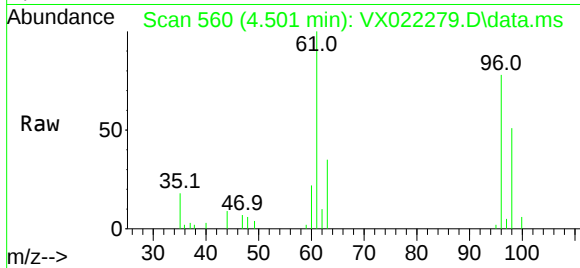
MSVOA_X

ClientSampleId :

41822

Tgt Ion: 96 Resp: 6292

Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	285.6
98	68.0	0.0	129.6



#31

Cyclohexane

Concen: 1.42 ug/l

RT: 5.568 min Scan# 735

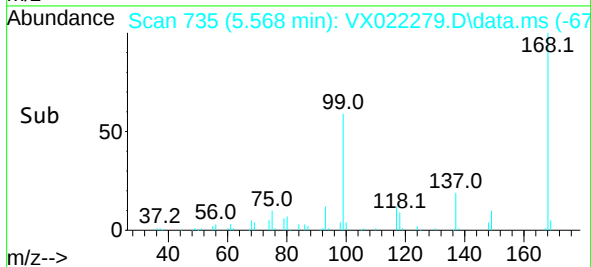
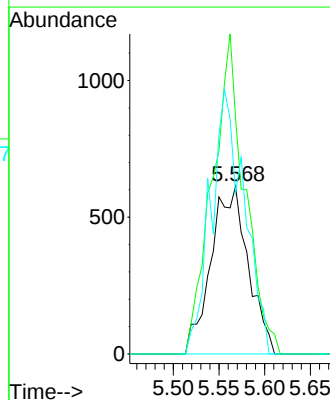
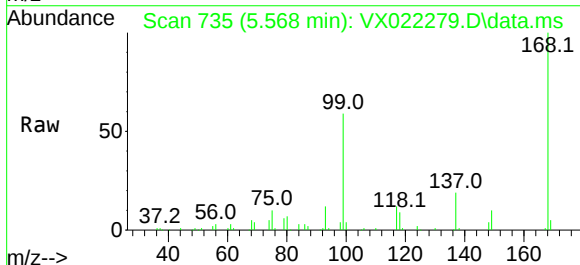
Delta R.T. 0.085 min

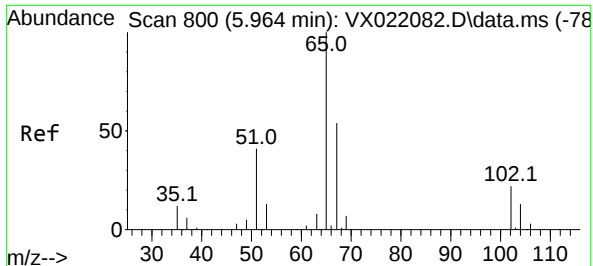
Lab File: VX022279.D

Acq: 29 May 2021 02:40

Tgt Ion: 56 Resp: 1724

Ion	Ratio	Lower	Upper
56	100		
69	140.6	25.3	37.9#
84	95.9	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 54.33 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022279.D

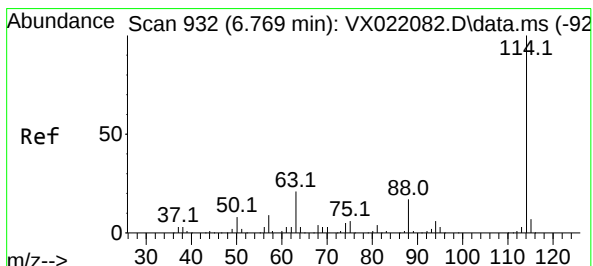
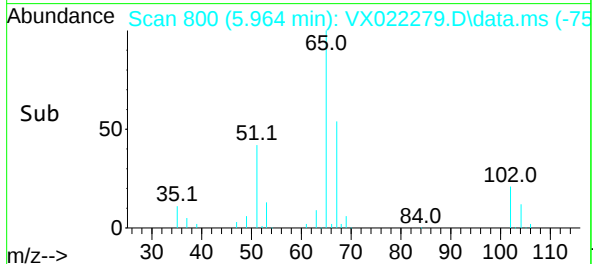
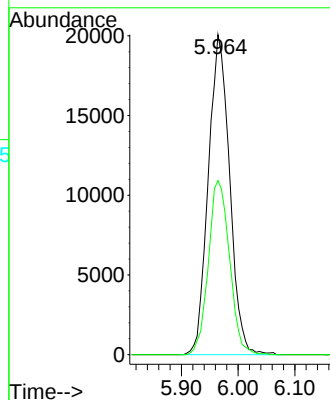
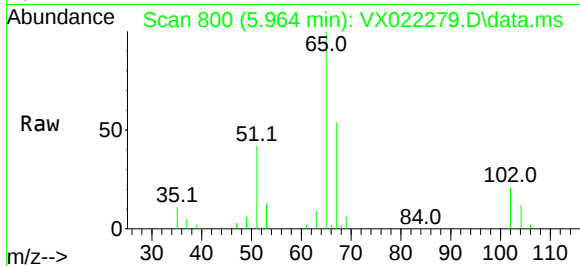
Acq: 29 May 2021 02:40

Tgt Ion: 65 Resp: 52361

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022279.D

Acq: 29 May 2021 02:40

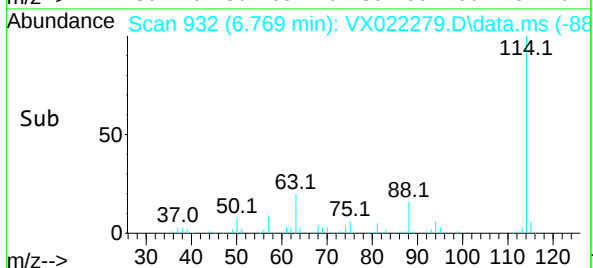
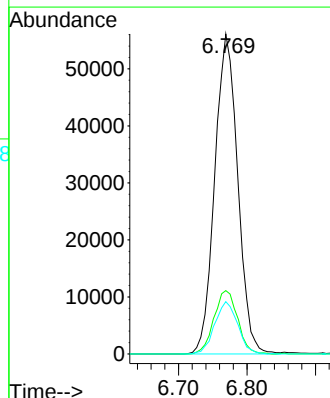
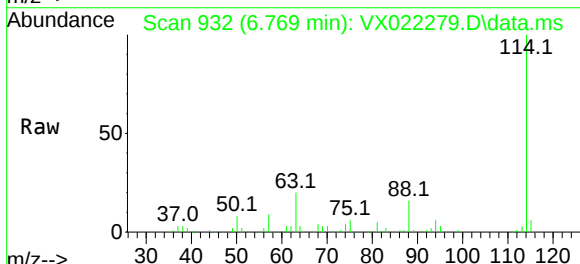
Tgt Ion: 114 Resp: 130514

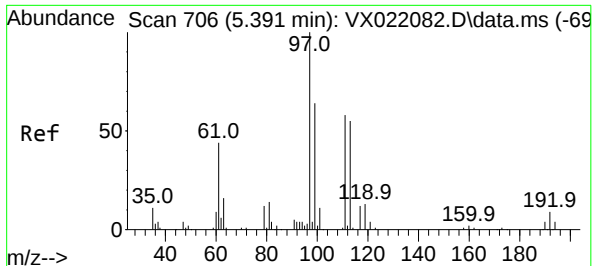
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.95 ug/l

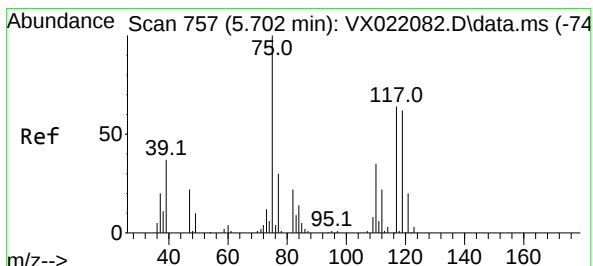
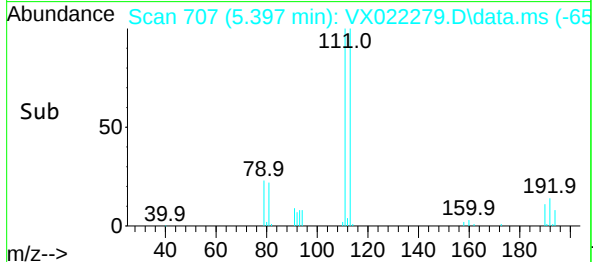
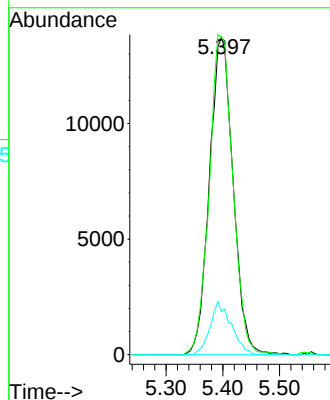
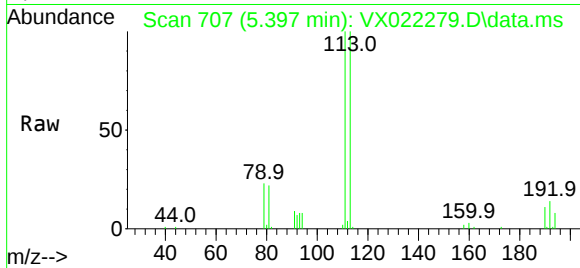
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022279.D

Acq: 29 May 2021 02:40

Tgt Ion:	113	Resp:	39684
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	15.0	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.13 ug/l

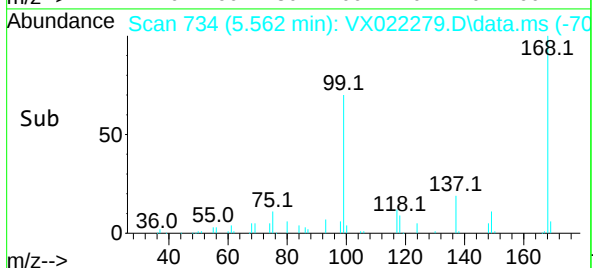
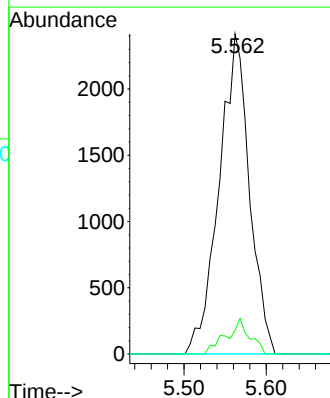
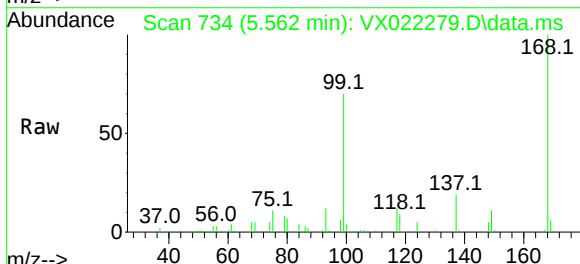
RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

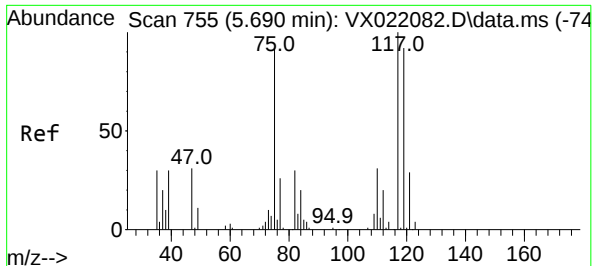
Lab File: VX022279.D

Acq: 29 May 2021 02:40

Tgt Ion:	75	Resp:	6193
Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.0	25.3	37.9#

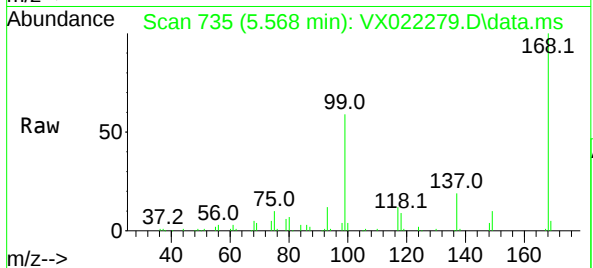


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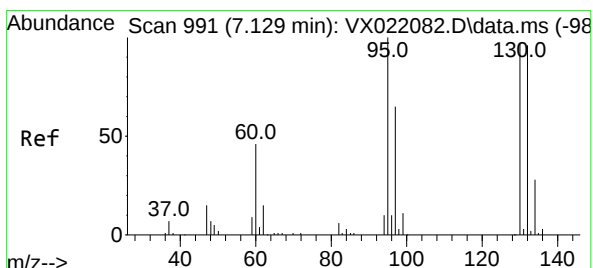
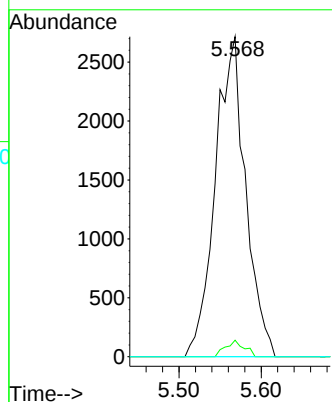
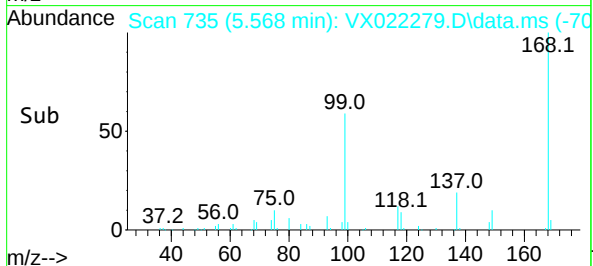


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

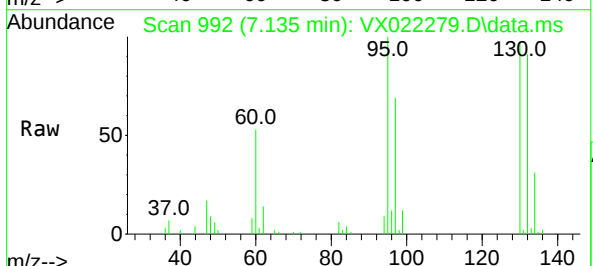
Instrument :
MSVOA_X
ClientSampleId :
41822



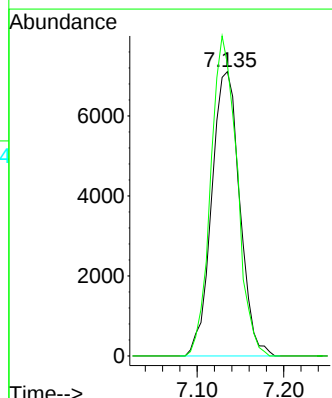
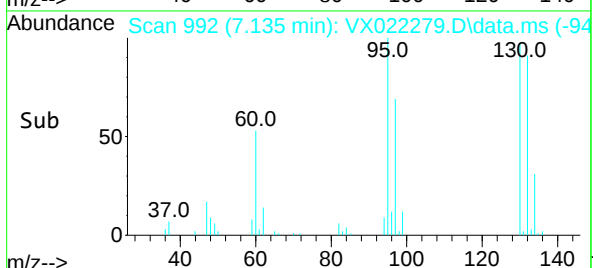
Tgt Ion:117 Resp: 6965
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

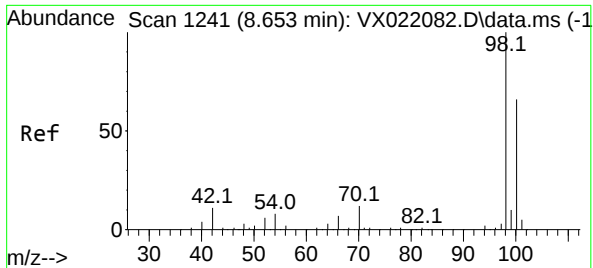


#44
Trichloroethene
Concen: 17.35 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40



Tgt Ion:130 Resp: 16008
Ion Ratio Lower Upper
130 100
95 102.6 0.0 198.0

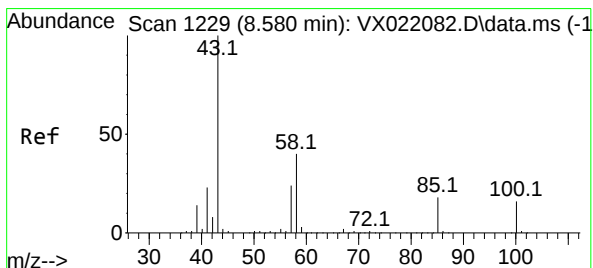
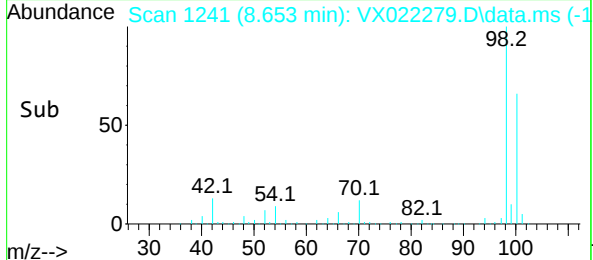
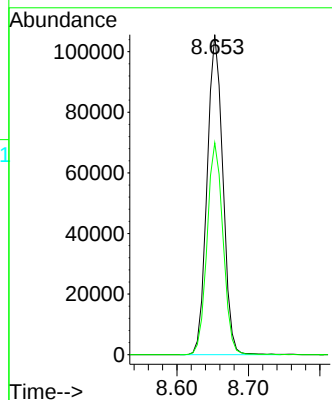
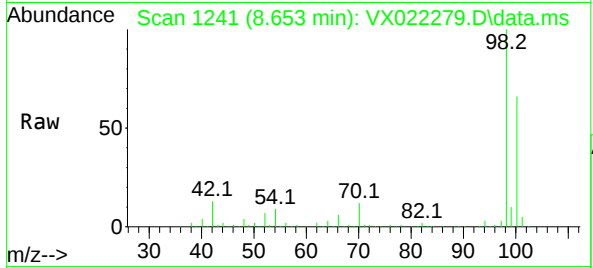




#50
Toluene-d8
Concen: 50.69 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

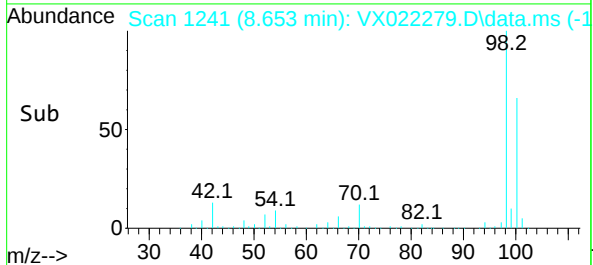
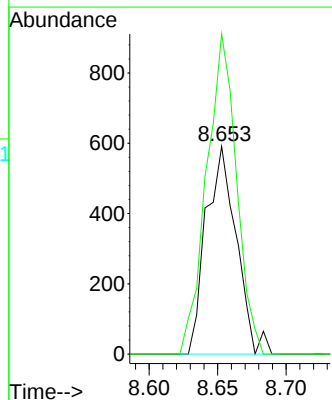
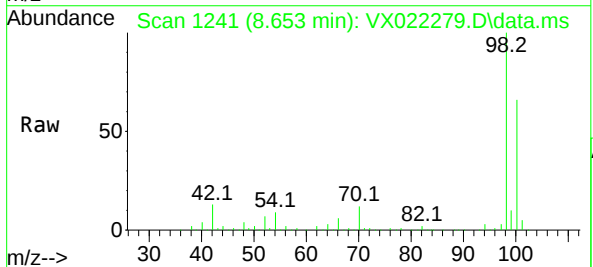
Instrument :
MSVOA_X
ClientSampleId :
41822

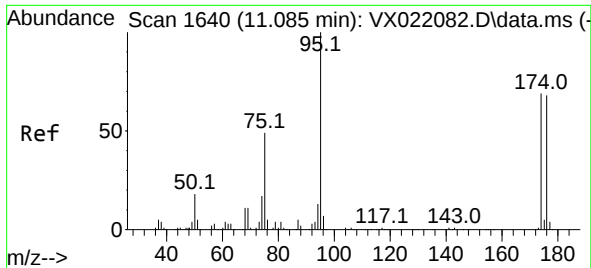
Tgt Ion: 98 Resp: 161613
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 152.4 35.4 53.0#

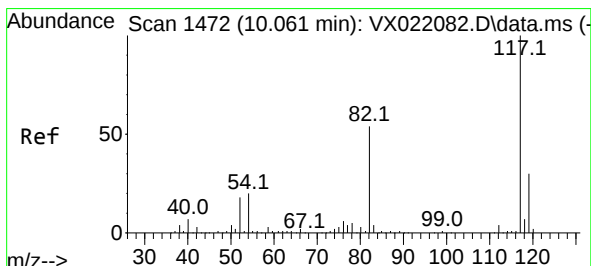
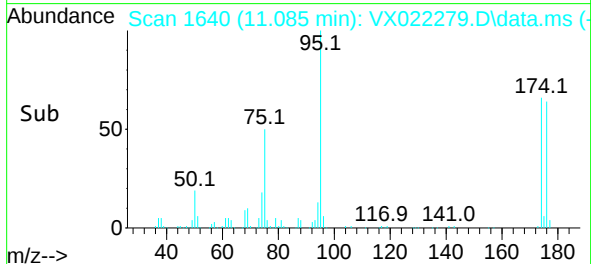
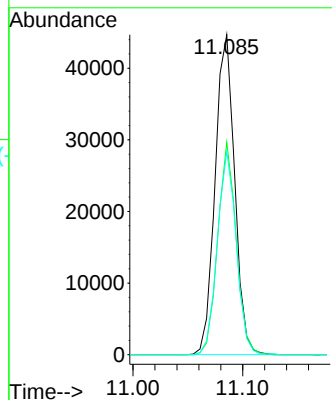
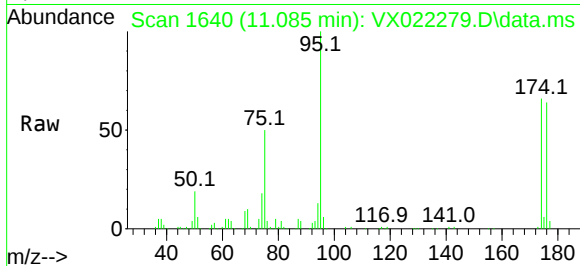




#62
4-Bromofluorobenzene
Concen: 47.00 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

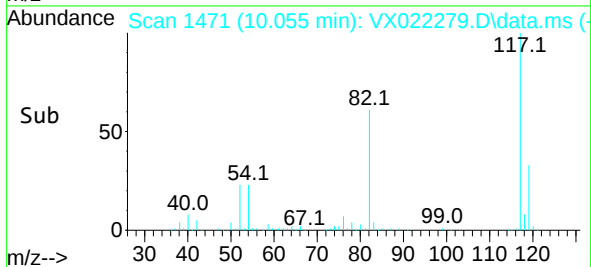
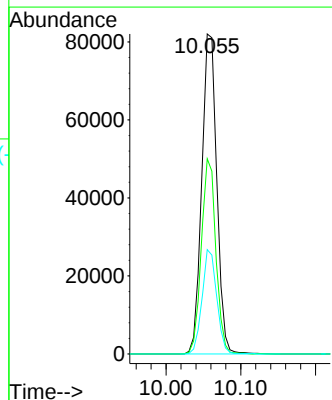
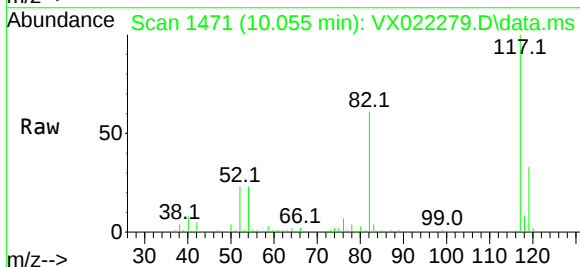
Instrument :
MSVOA_X
ClientSampleId :
41822

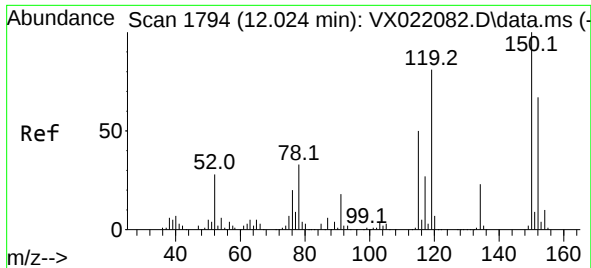
Tgt Ion: 95 Resp: 55392
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 61.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022279.D
Acq: 29 May 2021 02:40

Tgt Ion: 117 Resp: 114519
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 32.6 26.6 39.8

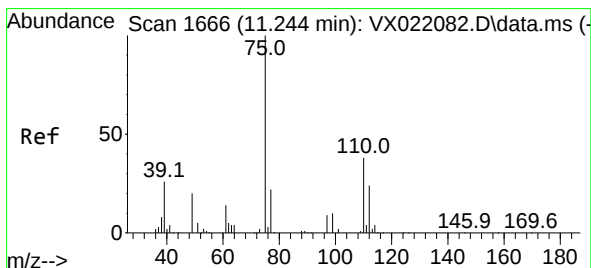
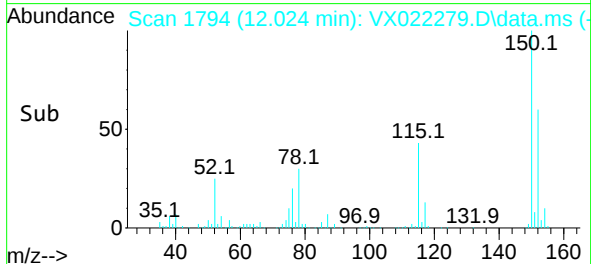
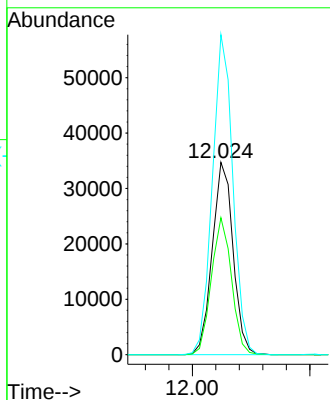
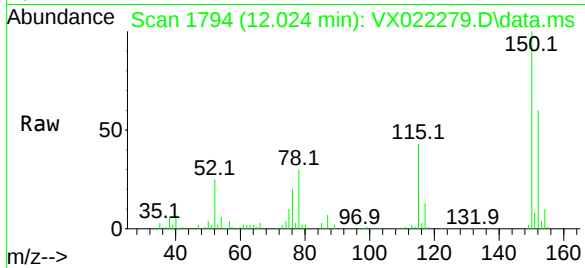




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

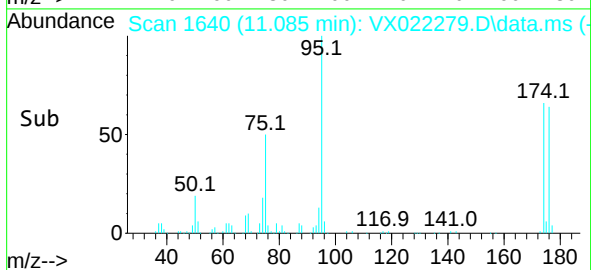
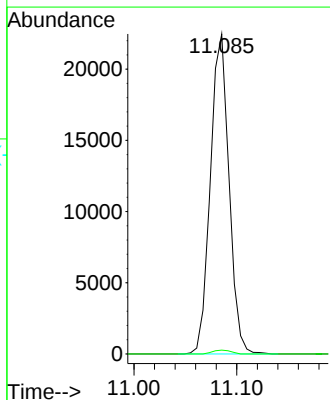
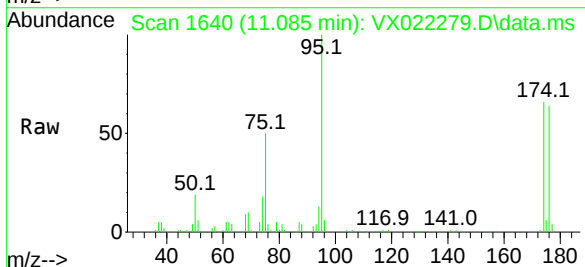
Instrument :
 MSVOA_X
 ClientSampled :
 41822

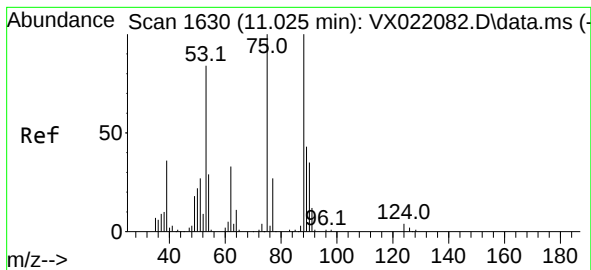
Tgt Ion:152 Resp: 42771
 Ion Ratio Lower Upper
 152 100
 115 68.6 41.1 123.3
 150 163.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.84 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

Tgt Ion: 75 Resp: 28321
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.59 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022279.D
 Acq: 29 May 2021 02:40

Instrument :
 MSVOA_X
 ClientSampleId :
 41822

Tgt Ion: 75 Resp: 28321
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

