

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022278.D
 Acq On : 29 May 2021 02:17
 Operator : JC/MD
 Sample : M2529-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41791

Quant Time: May 29 04:59:34 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)

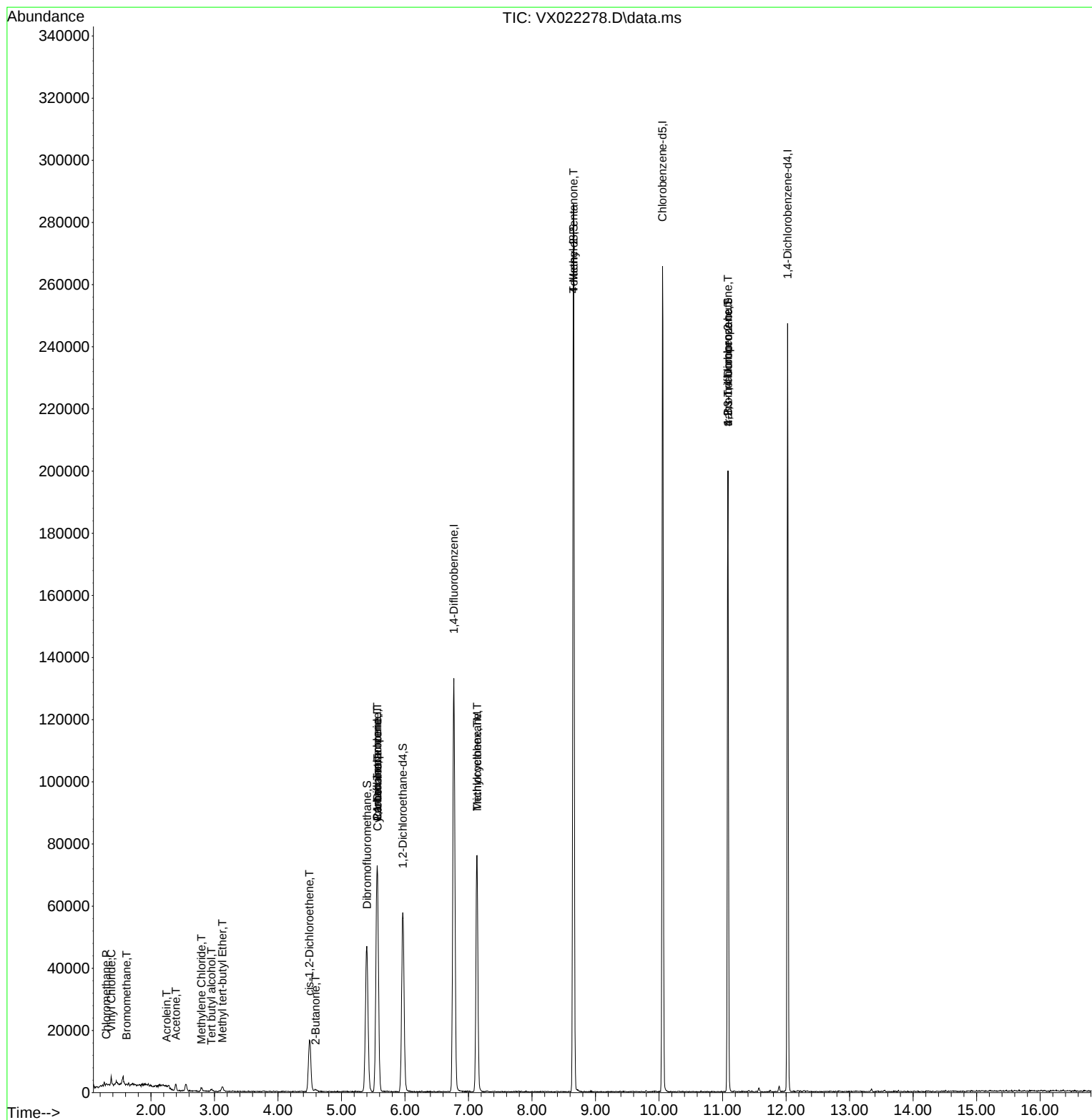
Internal Standards						
1) Pentafluorobenzene	5.562	168	63388	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52005	53.19	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.38%		
35) Dibromofluoromethane	5.404	113	40601	48.72	ug/l	0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.44%		
50) Toluene-d8	8.653	98	160919	50.13	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.26%		
62) 4-Bromofluorobenzene	11.085	95	53760	45.31	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.62%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	266	0.32	ug/l	# 87
4) Vinyl Chloride	1.374	62	1702	1.94	ug/l	91
5) Bromomethane	1.618	94	164	0.32	ug/l	# 75
11) Tert butyl alcohol	2.953	59	513	2.29	ug/l	# 73
13) Acrolein	2.246	56	32	0.22	ug/l	# 14
16) Acetone	2.392	43	2118	4.97	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	1683	0.68	ug/l	98
20) Methylene Chloride	2.794	84	536	0.57	ug/l	86
25) 2-Butanone	4.593	43	294	0.43	ug/l	# 45
27) cis-1,2-Dichloroethene	4.495	96	10621	11.05	ug/l	91
31) Cyclohexane	5.568	56	1748	1.42	ug/l	# 49
36) 1,1-Dichloropropene	5.562	75	6382	5.25	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7552	6.35	ug/l	# 17
39) Methylcyclohexane	7.135	83	348	0.25	ug/l	# 1
44) Trichloroethene	7.135	130	27192	29.27	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	847	0.58	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28490	26.38	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28490	62.50	ug/l	# 12

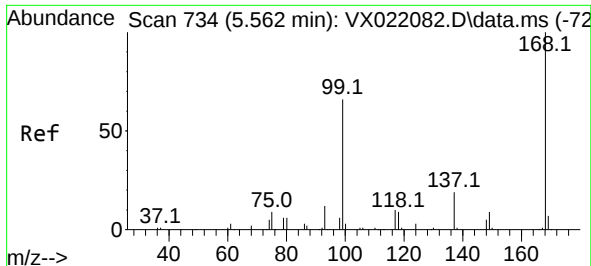
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 19 14:23:10 2021
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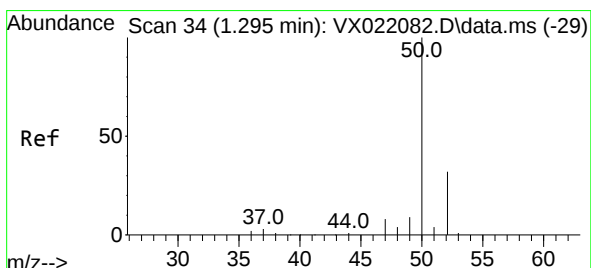
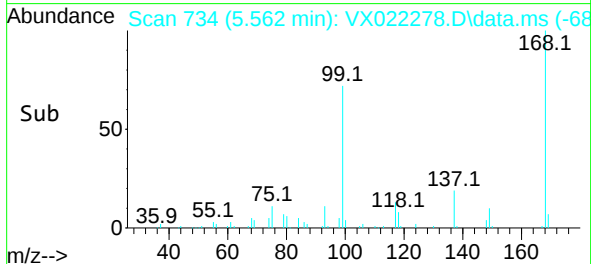
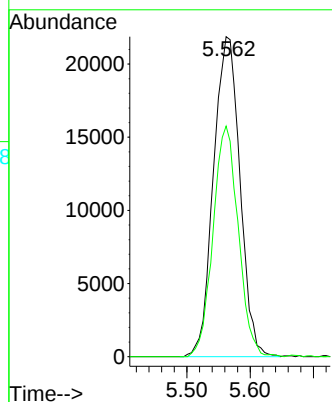
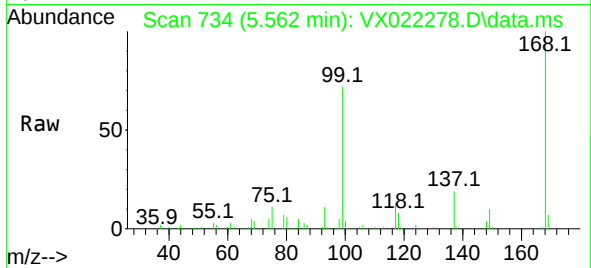




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

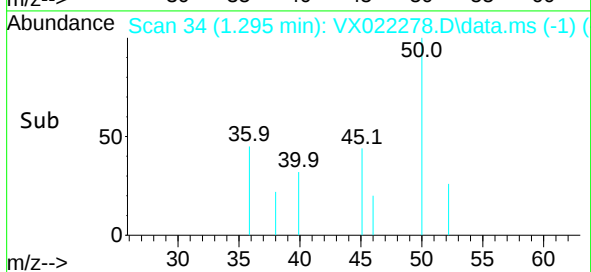
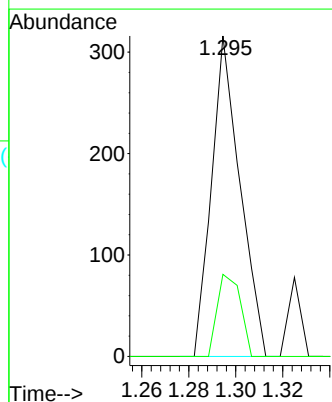
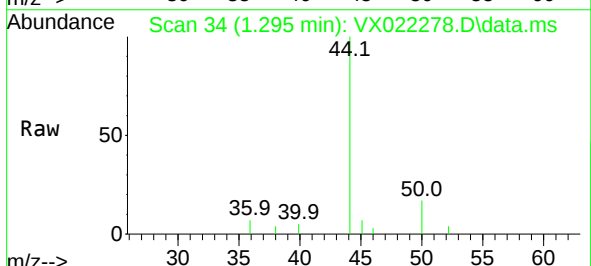
Instrument :
MSVOA_X
ClientSampleId :
41791

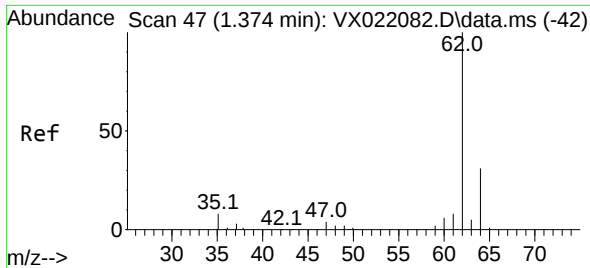
Tgt Ion:168 Resp: 63388
Ion Ratio Lower Upper
168 100
99 72.1 45.8 68.6#



#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 25.6 26.4 39.6#

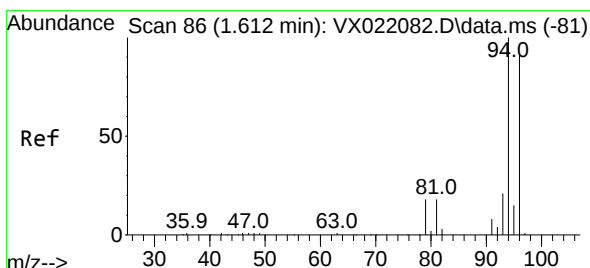
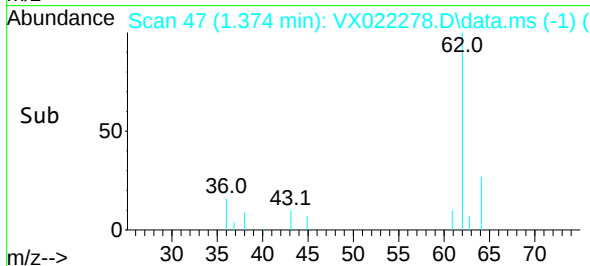
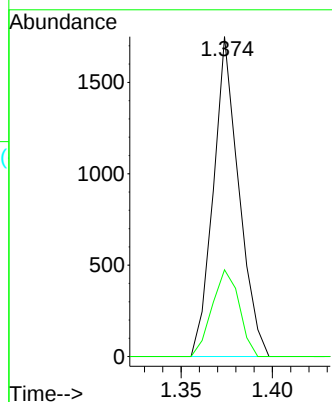
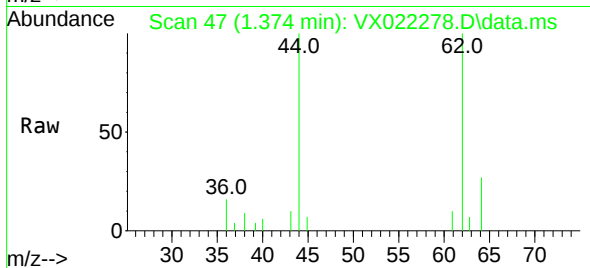




#4
 Vinyl Chloride
 Concen: 1.94 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022278.D
 Acq: 29 May 2021 02:17

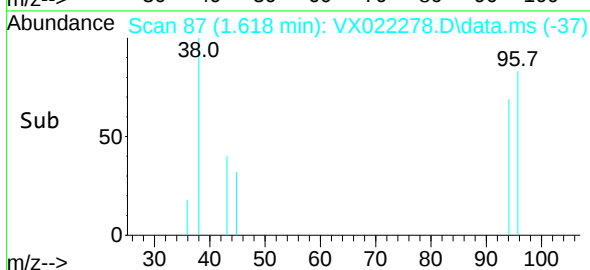
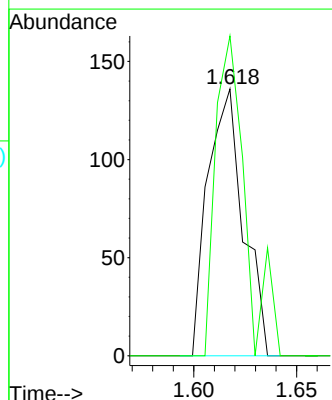
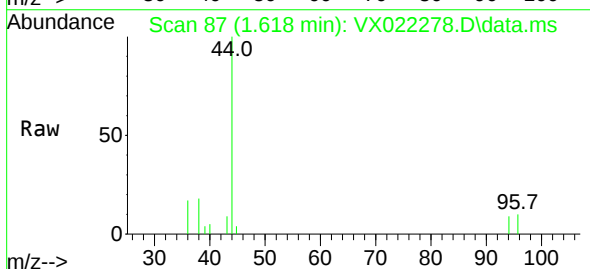
Instrument :
 MSVOA_X
 ClientSampleId :
 41791

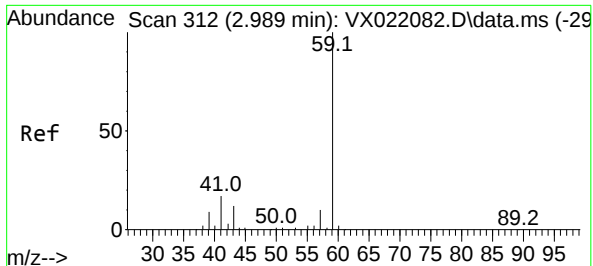
Tgt Ion: 62 Resp: 1702
 Ion Ratio Lower Upper
 62 100
 64 27.1 25.7 38.5



#5
 Bromomethane
 Concen: 0.32 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX022278.D
 Acq: 29 May 2021 02:17

Tgt Ion: 94 Resp: 164
 Ion Ratio Lower Upper
 94 100
 96 119.9 76.4 114.6#



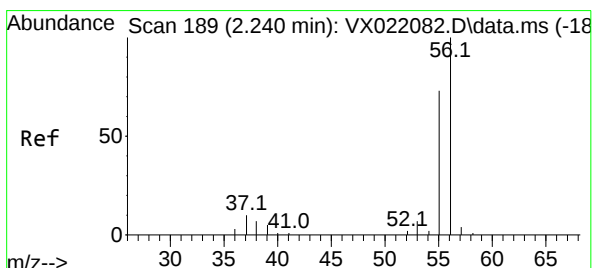
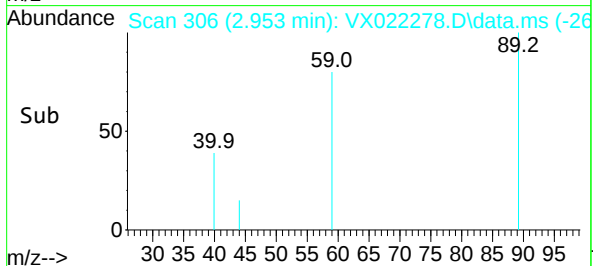
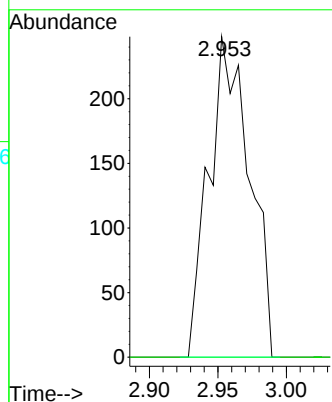
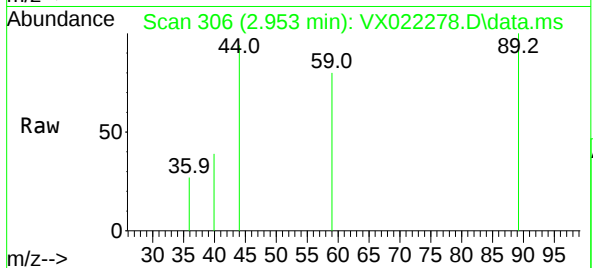


#11

Tert butyl alcohol
Concen: 2.29 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
41791

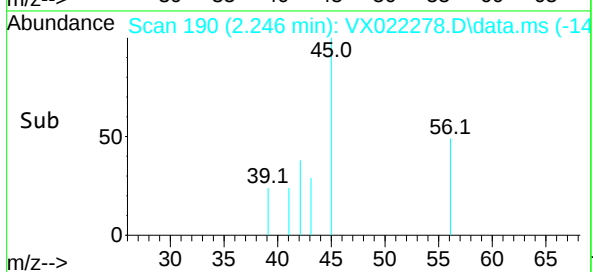
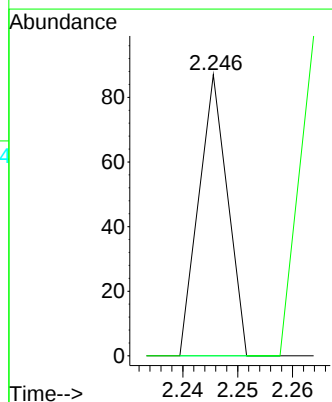
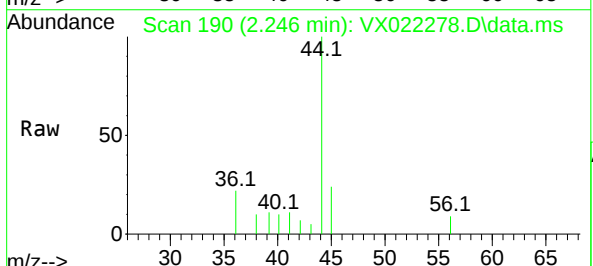
Tgt Ion: 59 Resp: 513
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

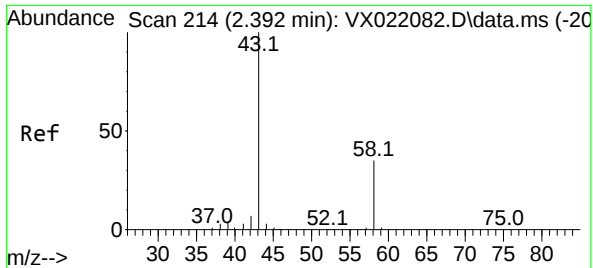


#13

Acrolein
Concen: 0.22 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 56 Resp: 32
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

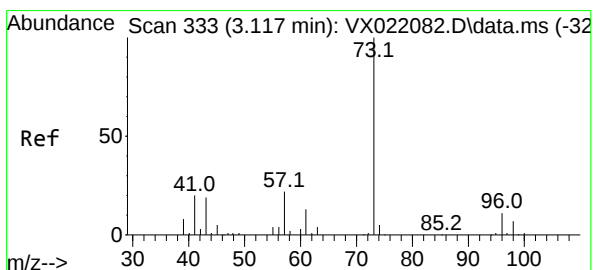
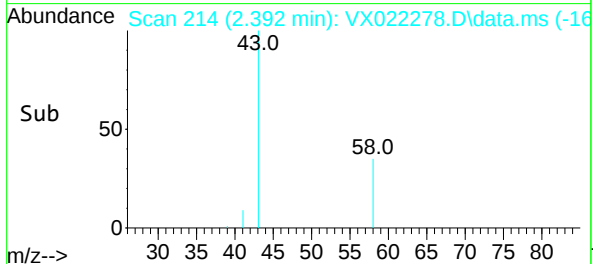
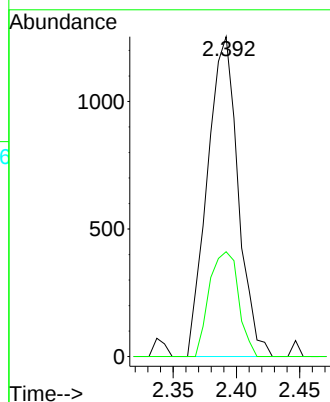
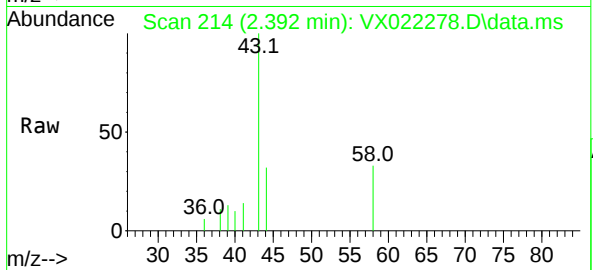




#16
Acetone
Concen: 4.97 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

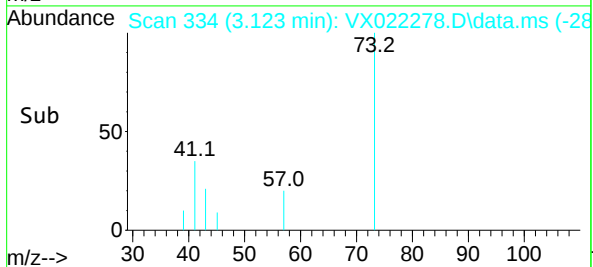
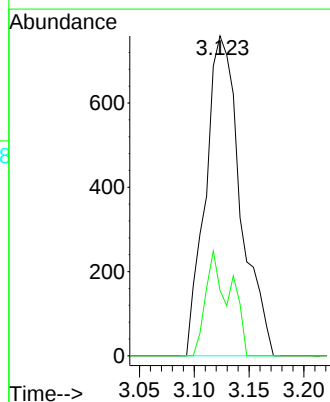
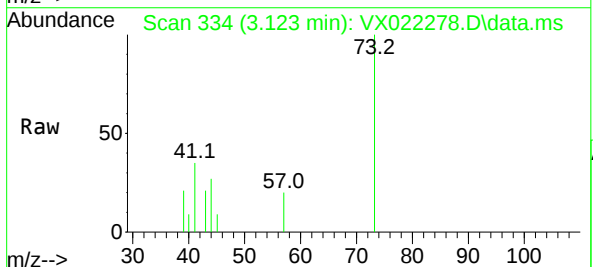
Instrument :
MSVOA_X
ClientSampleId :
41791

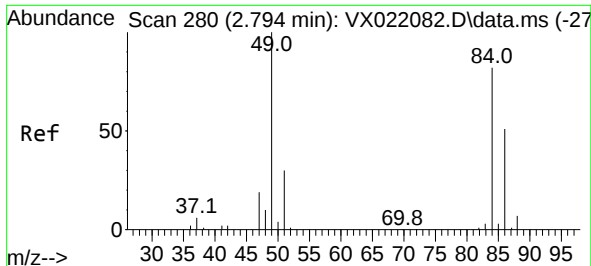
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.68 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 73 Resp: 1683
Ion Ratio Lower Upper
73 100
57 20.4 17.1 25.7



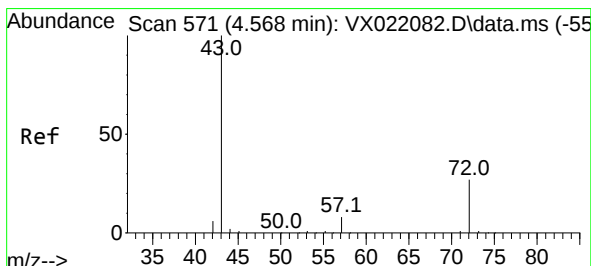
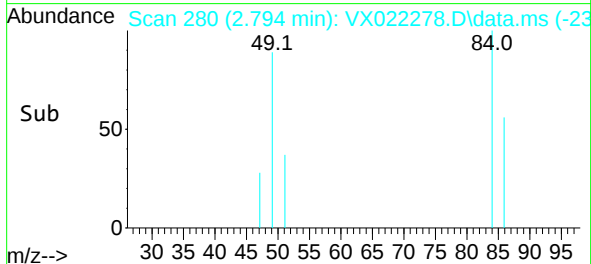
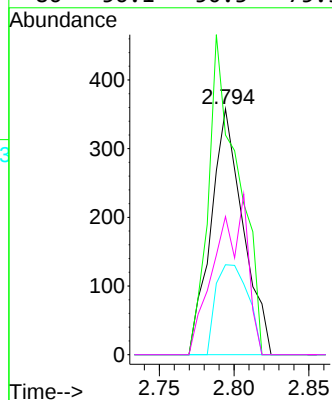
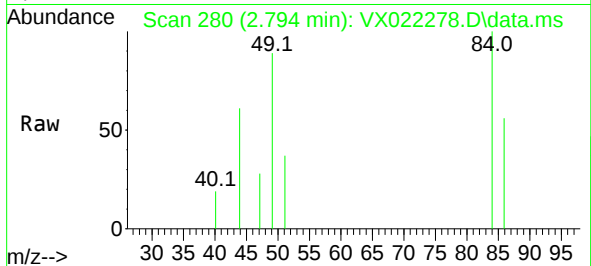


#20
Methylene Chloride
Concen: 0.57 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
41791

Tgt Ion: 84 Resp: 536

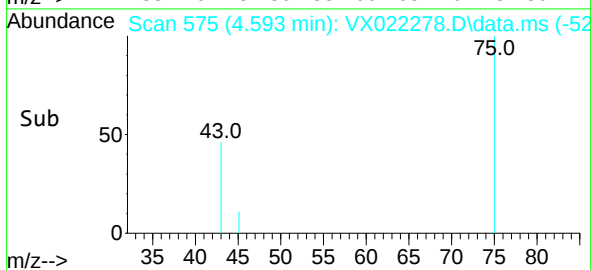
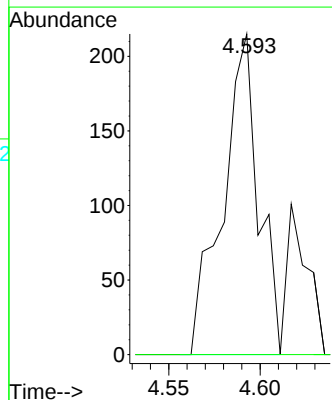
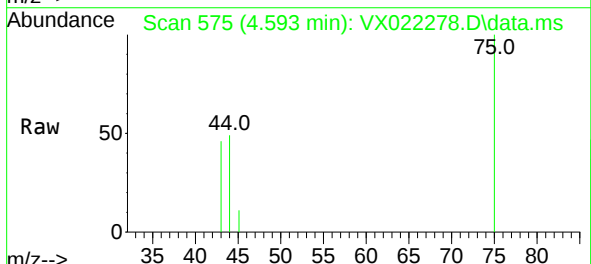
Ion	Ratio	Lower	Upper
84	100		
49	89.4	88.6	132.8
51	36.6	27.0	40.6
86	56.1	50.3	75.5

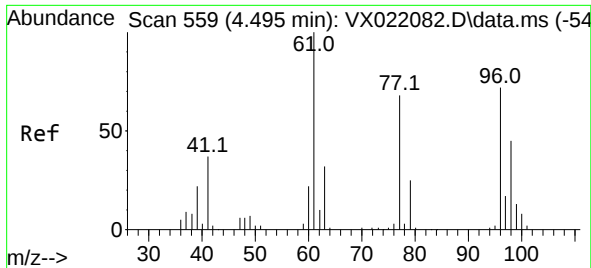


#25
2-Butanone
Concen: 0.43 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 43 Resp: 294

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#27

cis-1,2-Dichloroethene

Concen: 11.05 ug/l

RT: 4.495 min Scan# 559

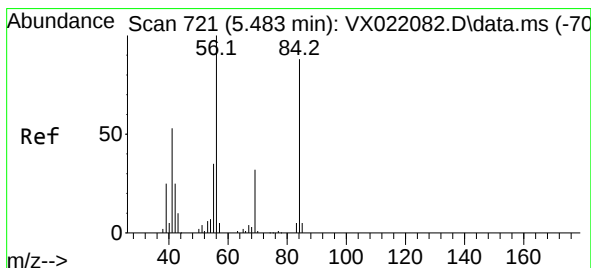
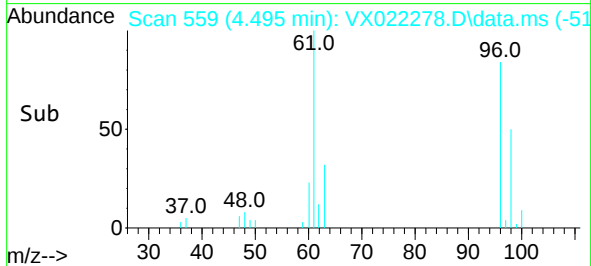
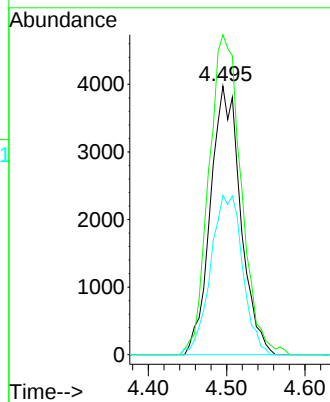
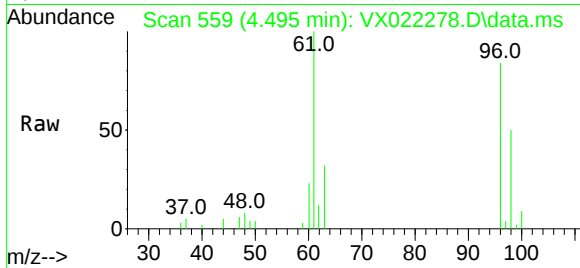
Delta R.T. 0.000 min

Lab File: VX022278.D

Acq: 29 May 2021 02:17

Tgt Ion: 96 Resp: 10621

Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	285.6
98	63.1	0.0	129.6



#31

Cyclohexane

Concen: 1.42 ug/l

RT: 5.568 min Scan# 735

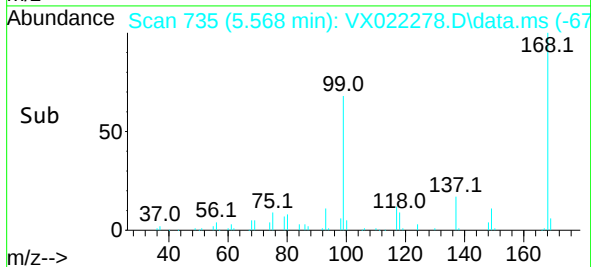
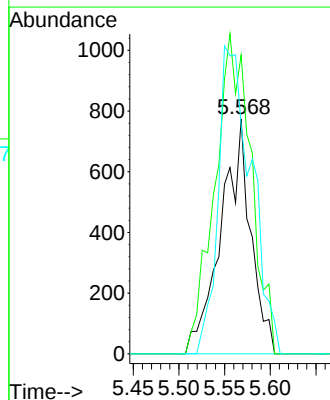
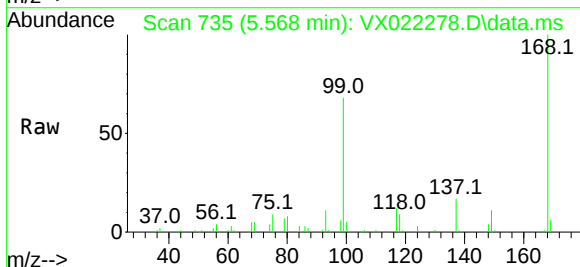
Delta R.T. 0.085 min

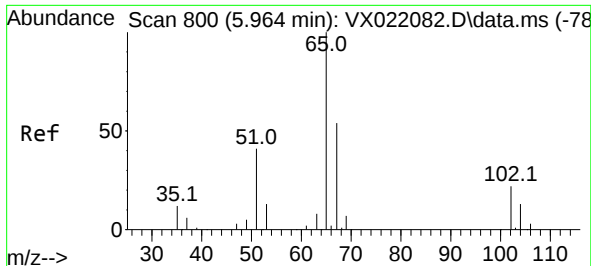
Lab File: VX022278.D

Acq: 29 May 2021 02:17

Tgt Ion: 56 Resp: 1748

Ion	Ratio	Lower	Upper
56	100		
69	127.3	25.3	37.9#
84	97.2	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 53.19 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022278.D

Acq: 29 May 2021 02:17

Tgt Ion: 65 Resp: 52005

Ion Ratio Lower Upper

65 100

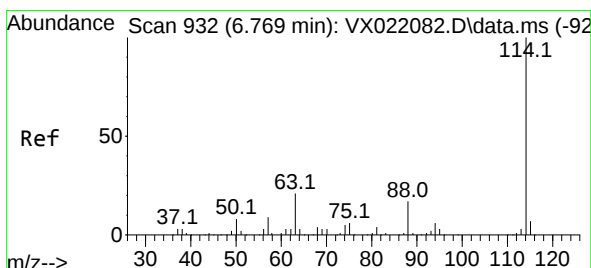
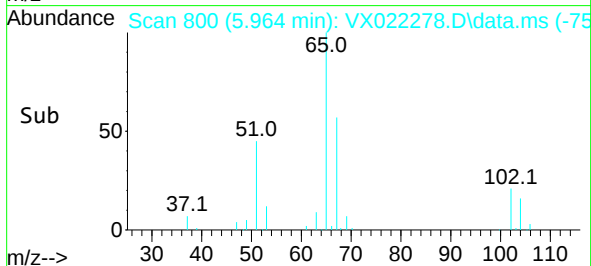
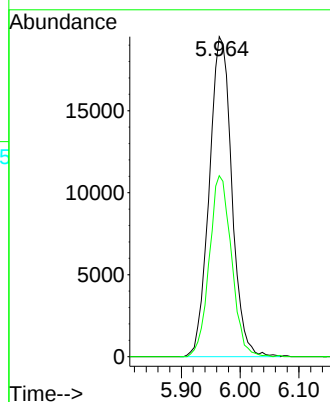
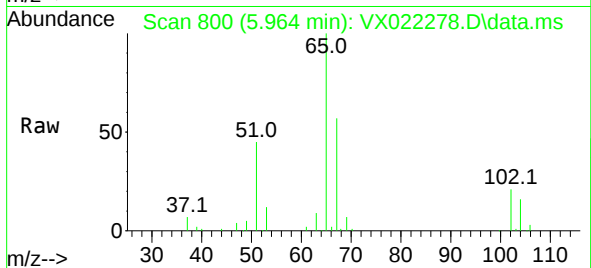
67 55.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

41791



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022278.D

Acq: 29 May 2021 02:17

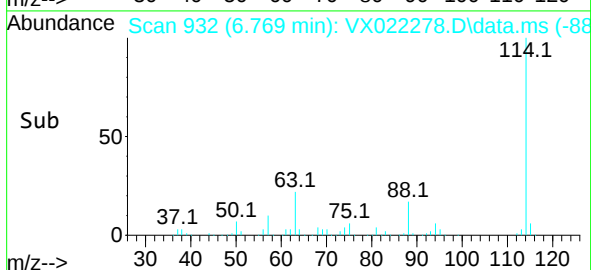
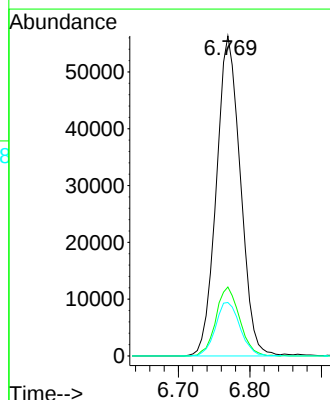
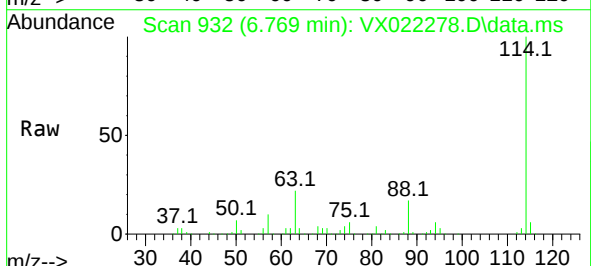
Tgt Ion: 114 Resp: 131410

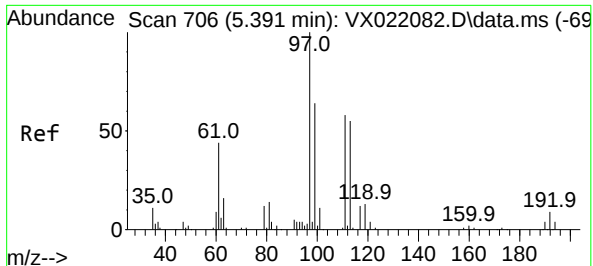
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.72 ug/l

RT: 5.404 min Scan# 708

Delta R.T. 0.013 min

Lab File: VX022278.D

Acq: 29 May 2021 02:17

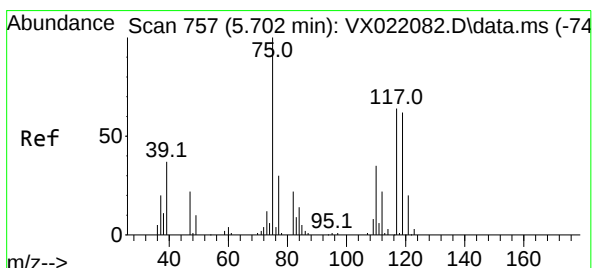
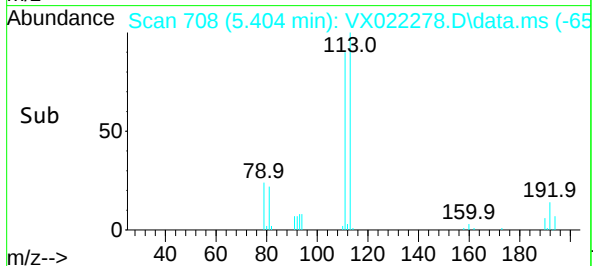
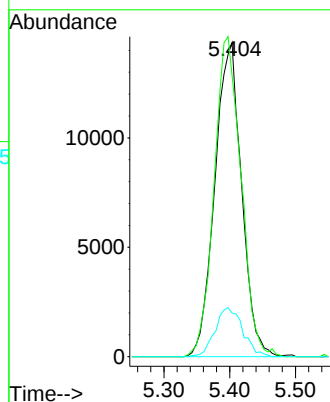
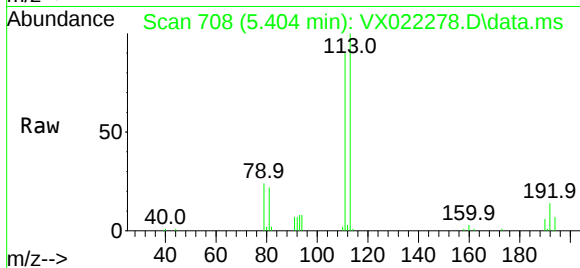
Tgt Ion:113 Resp: 40601

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 16.2 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.25 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022278.D

Acq: 29 May 2021 02:17

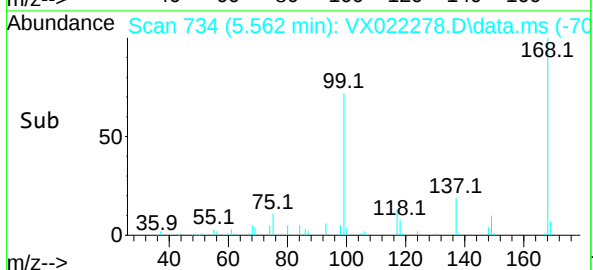
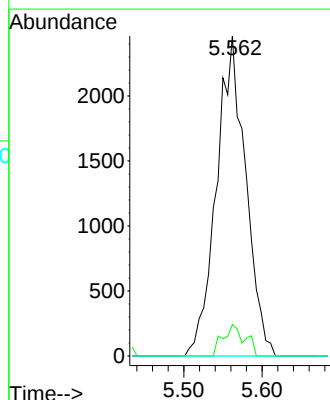
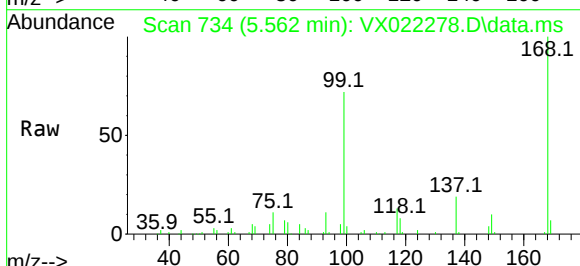
Tgt Ion: 75 Resp: 6382

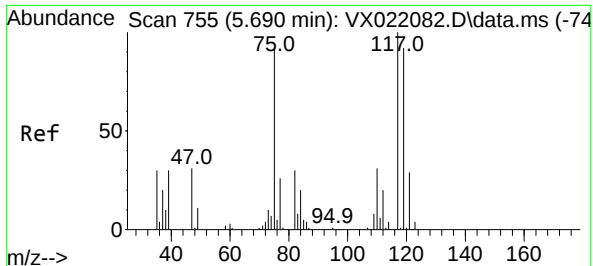
Ion Ratio Lower Upper

75 100

110 7.3 18.1 54.4#

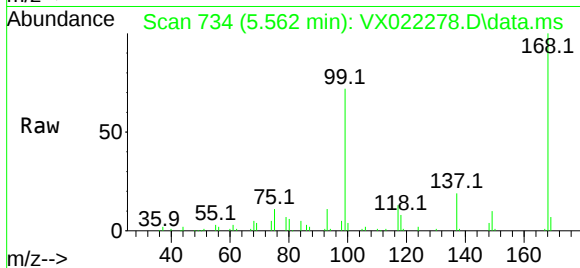
77 0.0 25.3 37.9#



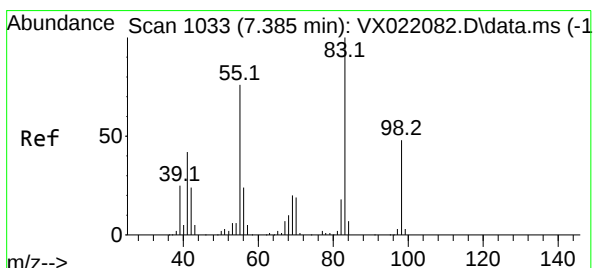
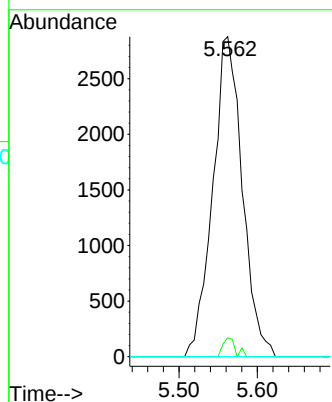
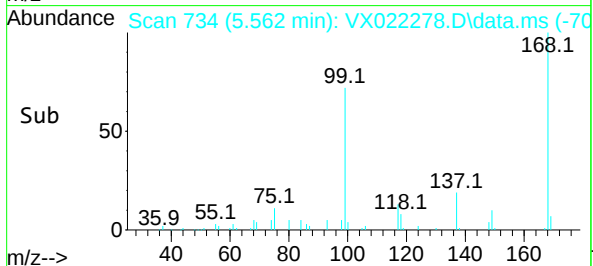


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

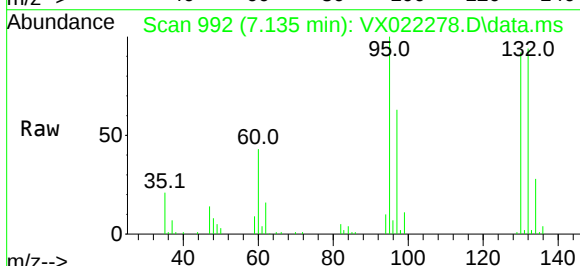
Instrument :
MSVOA_X
ClientSampled :
41791



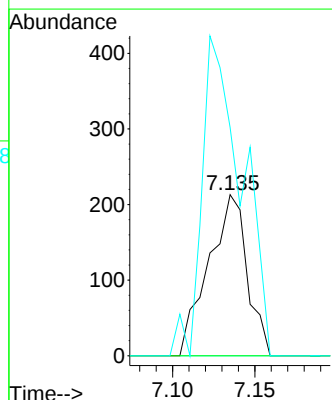
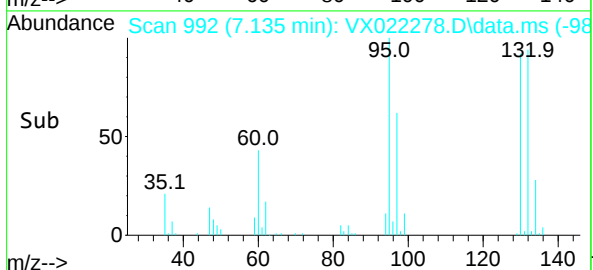
Tgt Ion:117 Resp: 7552
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

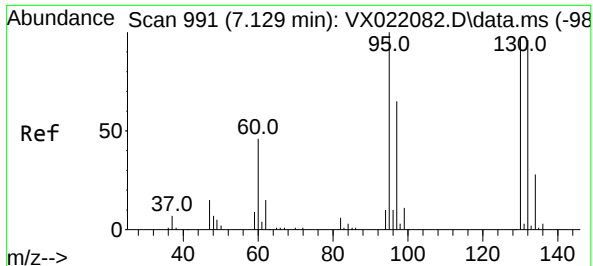


#39
Methylcyclohexane
Concen: 0.25 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17



Tgt Ion: 83 Resp: 348
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 141.8 38.1 57.1#

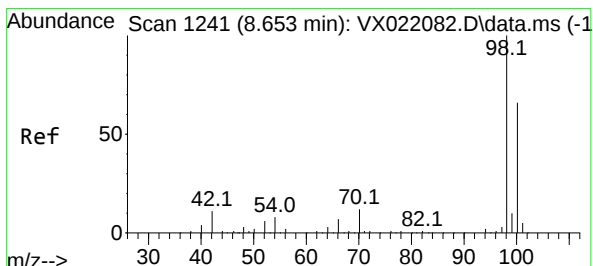
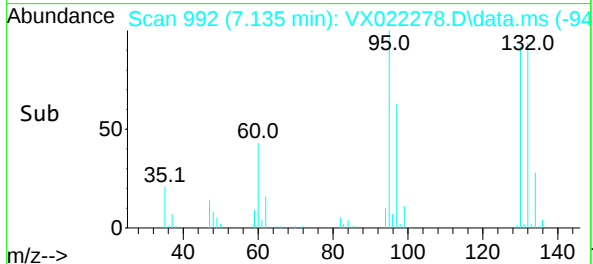
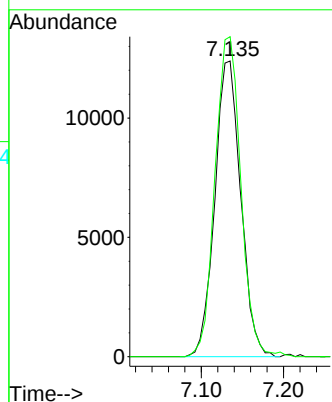
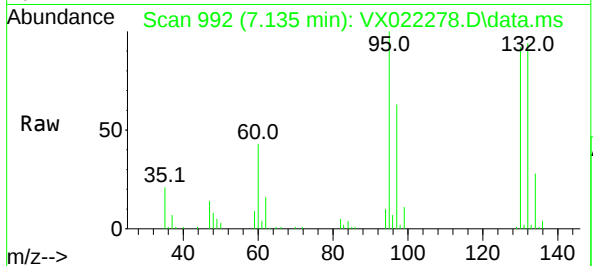




#44
Trichloroethene
Concen: 29.27 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

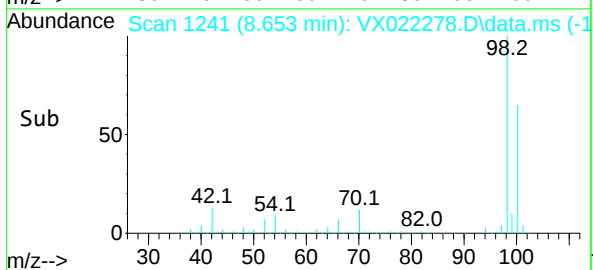
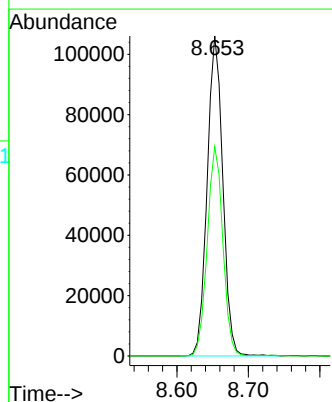
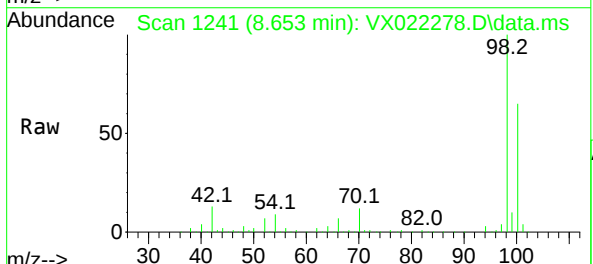
Instrument :
MSVOA_X
ClientSampleId :
41791

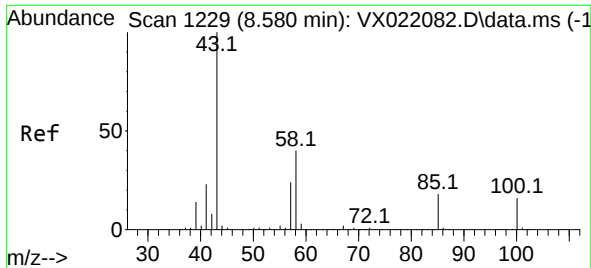
Tgt Ion:130 Resp: 27192
Ion Ratio Lower Upper
130 100
95 108.2 0.0 198.0



#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 98 Resp: 160919
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

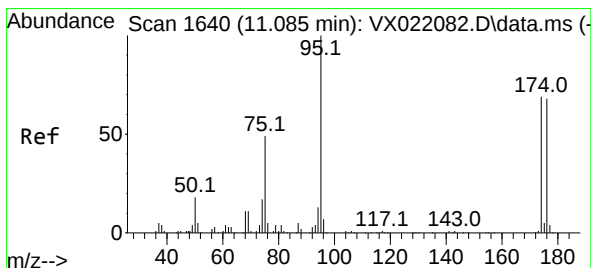
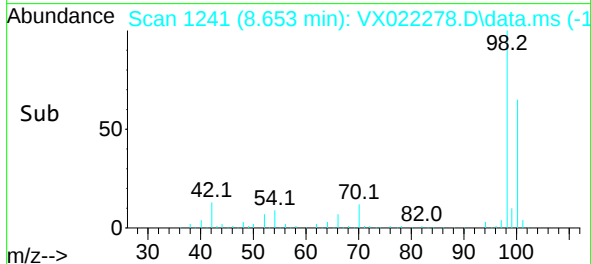
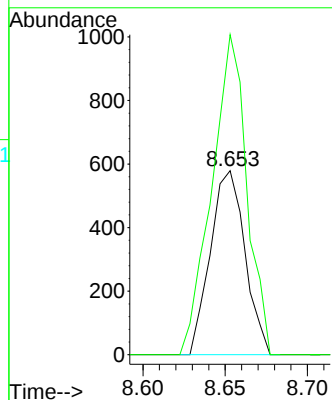
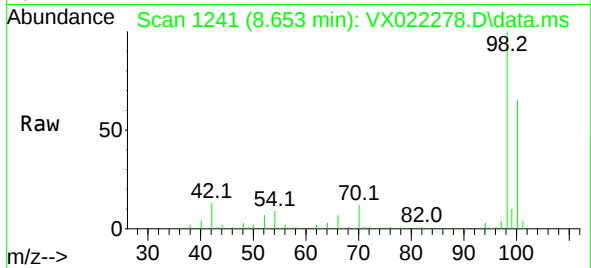




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

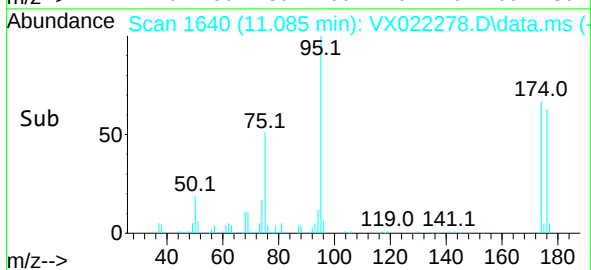
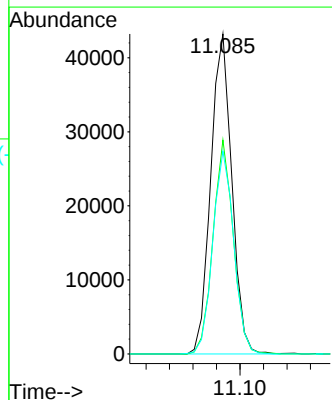
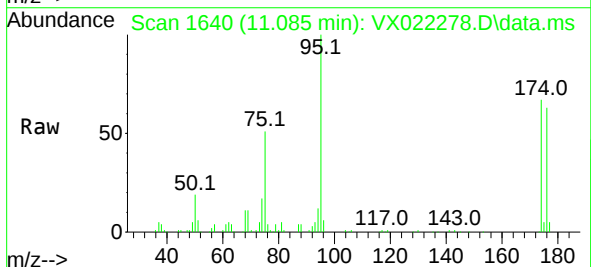
Instrument :
MSVOA_X
ClientSampled :
41791

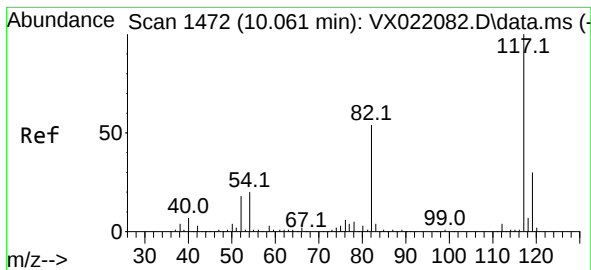
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 176.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 95 Resp: 53760
Ion Ratio Lower Upper
95 100
174 64.6 0.0 154.6
176 63.1 0.0 155.8

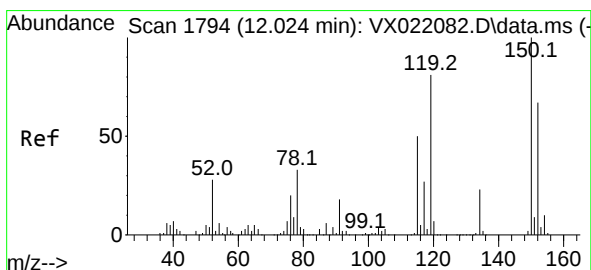
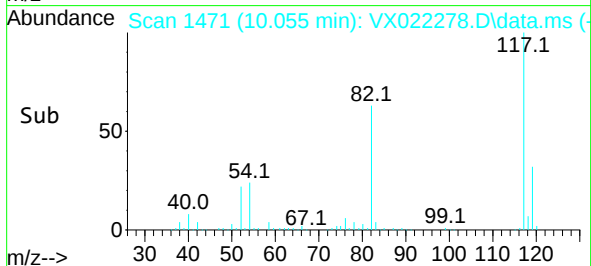
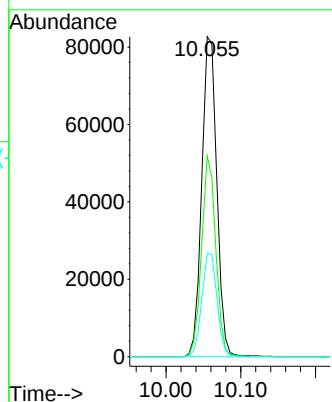
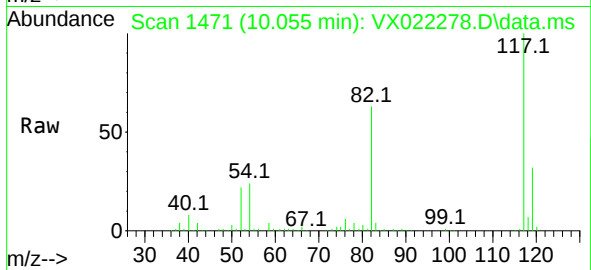




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

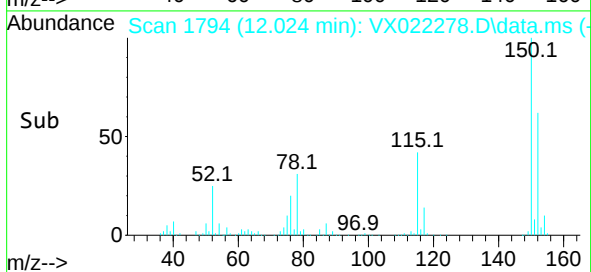
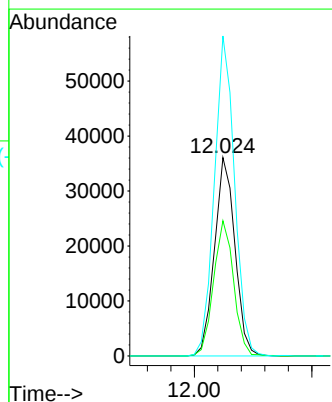
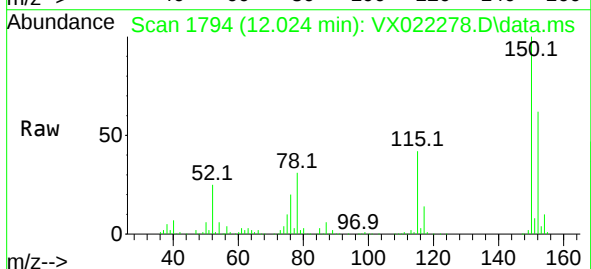
Instrument :
MSVOA_X
ClientSampled :
41791

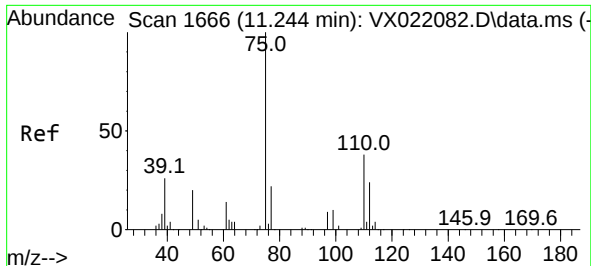
Tgt Ion:117 Resp: 115437
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion:152 Resp: 43780
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 158.8 0.0 349.0

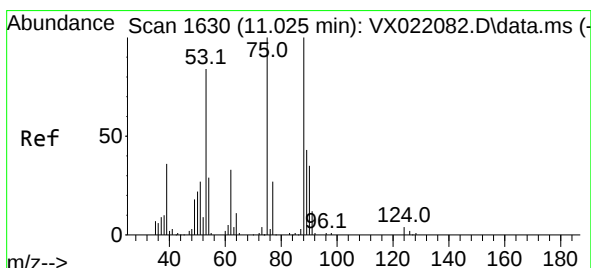
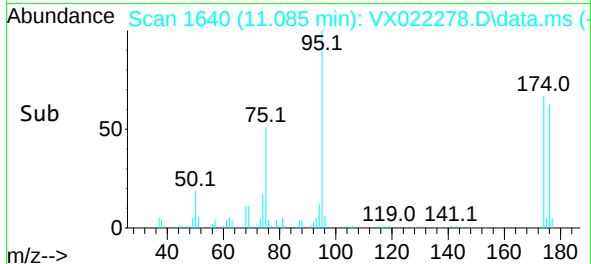
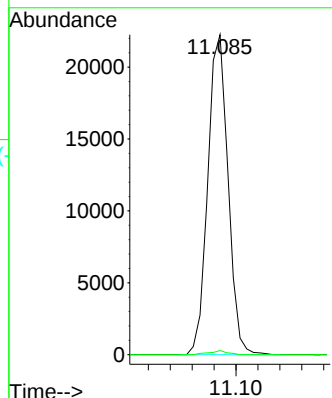
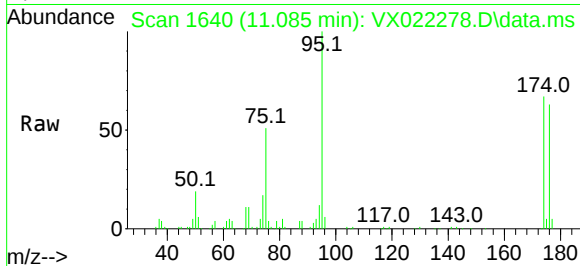




#76
1,2,3-Trichloropropane
Concen: 26.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Instrument :
MSVOA_X
ClientSampled :
41791

Tgt Ion: 75 Resp: 28490
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022278.D
Acq: 29 May 2021 02:17

Tgt Ion: 75 Resp: 28490
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

