

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022284.D
 Acq On : 29 May 2021 04:38
 Operator : JC/MD
 Sample : M2517-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1917

Quant Time: May 29 06:05:52 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)

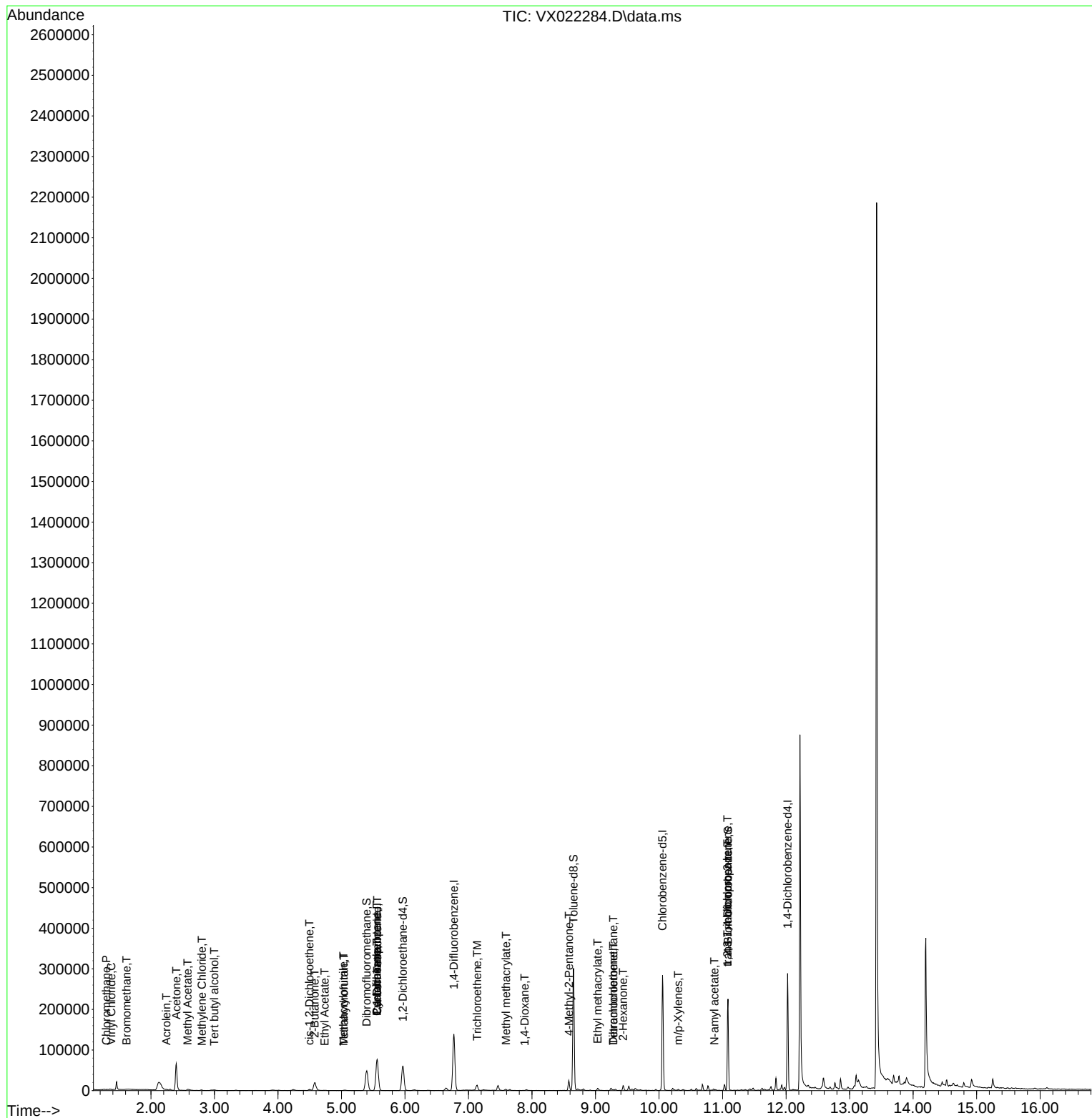
Internal Standards						
1) Pentafluorobenzene	5.556	168	65728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55745	54.98	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.96%			
35) Dibromofluoromethane	5.397	113	42096	47.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.56%			
50) Toluene-d8	8.653	98	173754	50.66	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.32%			
62) 4-Bromofluorobenzene	11.085	95	62109	48.99	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.98%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	250	0.29	ug/l #	42
4) Vinyl Chloride	1.374	62	278	0.30	ug/l	100
5) Bromomethane	1.618	94	115	0.22	ug/l	94
11) Tert butyl alcohol	2.995	59	2881	12.42	ug/l	96
13) Acrolein	2.239	56	202	1.31	ug/l #	22
16) Acetone	2.398	43	74101	167.85	ug/l	93
18) Methyl Acetate	2.575	43	1250	1.06	ug/l #	47
20) Methylene Chloride	2.800	84	712	0.73	ug/l #	87
25) 2-Butanone	4.574	43	32800	45.92	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	1634	1.64	ug/l	89
29) Tetrahydrofuran	5.038	42	105	0.25	ug/l #	58
31) Cyclohexane	5.556	56	1677	1.32	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	6475	4.99	ug/l #	45
37) Ethyl Acetate	4.733	43	1205	0.76	ug/l #	81
38) Carbon Tetrachloride	5.562	117	7494	5.90	ug/l #	15
41) Methacrylonitrile	5.032	41	345	0.41	ug/l #	43
44) Trichloroethene	7.135	130	4051	4.08	ug/l	83
48) Methyl methacrylate	7.592	41	1034	0.86	ug/l #	28
49) 1,4-Dioxane	7.885	88	20	0.86	ug/l #	24
51) 4-Methyl-2-Pentanone	8.580	43	14631	9.38	ug/l	90
56) Ethyl methacrylate	9.031	69	703	0.42	ug/l #	1
59) 2-Hexanone	9.433	43	6391	5.45	ug/l	97
60) Dibromochloromethane	9.281	129	296	0.30	ug/l #	11
64) Tetrachloroethene	9.281	164	233	0.29	ug/l #	73
68) m/p-Xylenes	10.299	106	659	0.37	ug/l	98
74) N-amyl acetate	10.872	43	793	0.39	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	31684	25.09	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31684	59.46	ug/l #	12

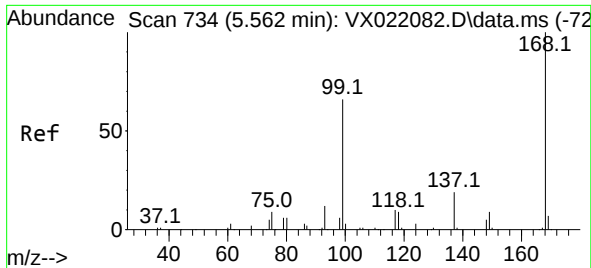
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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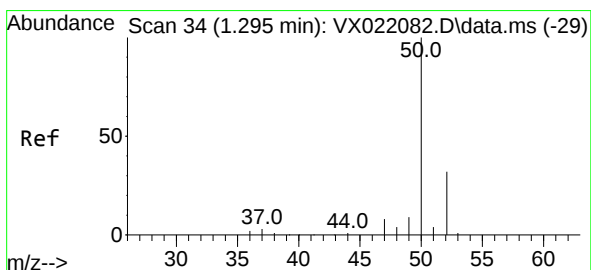
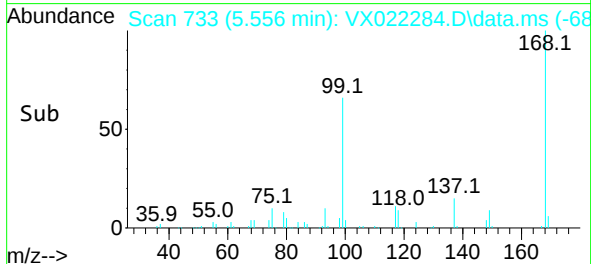
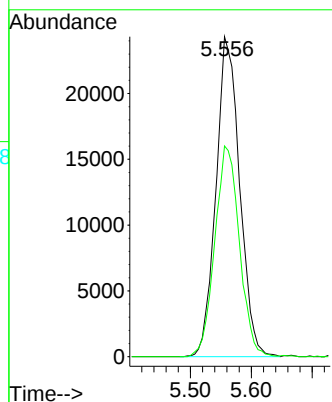
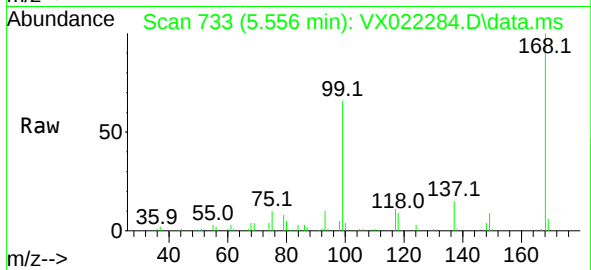




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

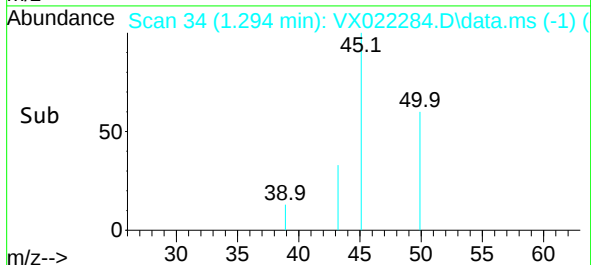
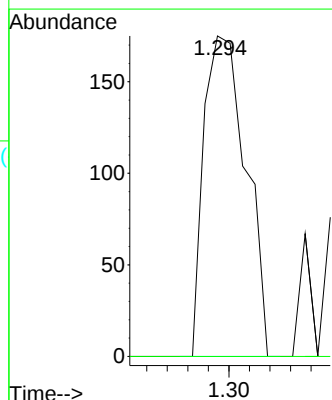
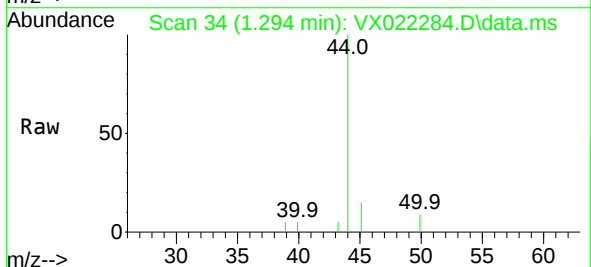
Instrument :
MSVOA_X
ClientSampleId :
1917

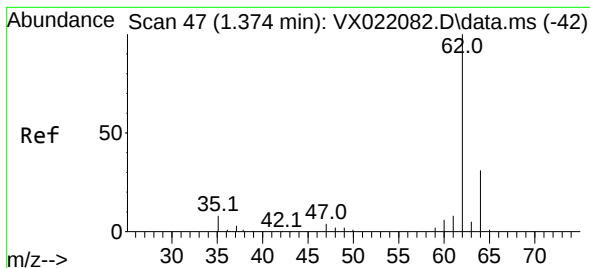
Tgt Ion:168 Resp: 65728
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

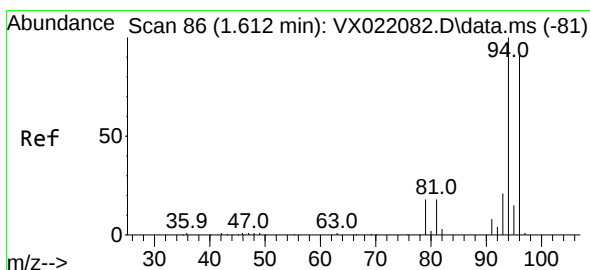
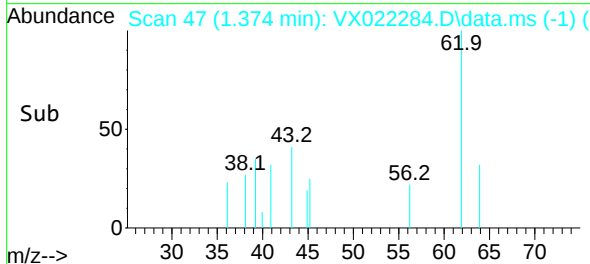
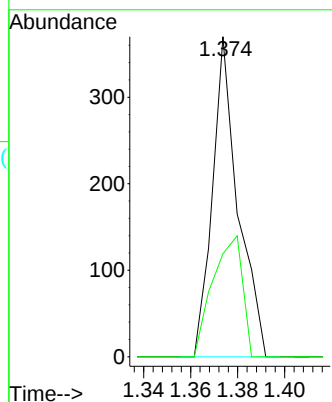
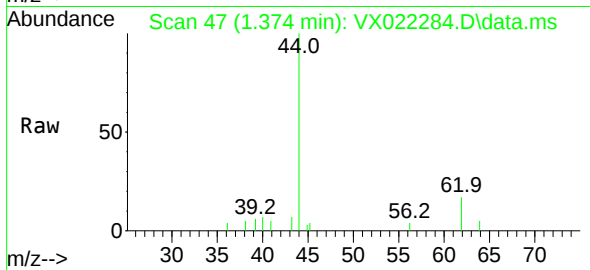




#4
 Vinyl Chloride
 Concen: 0.30 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022284.D
 Acq: 29 May 2021 04:38

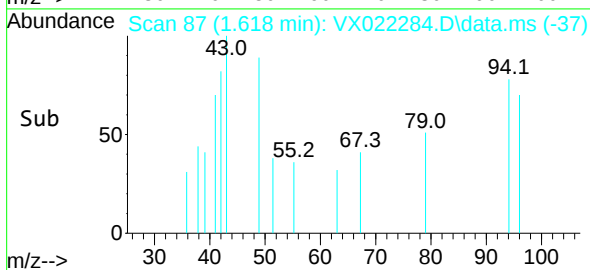
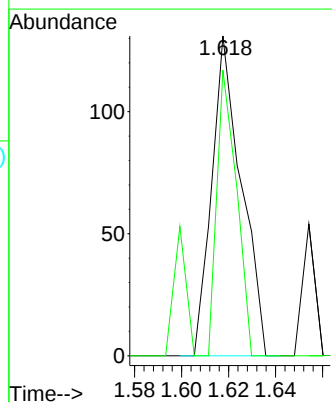
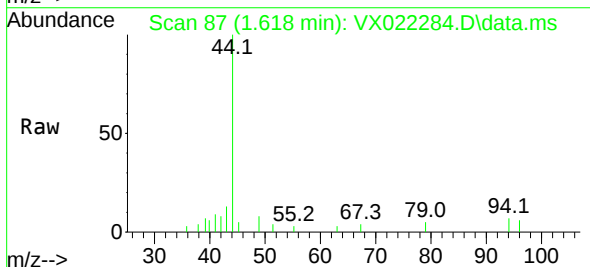
Instrument :
 MSVOA_X
 ClientSampleId :
 1917

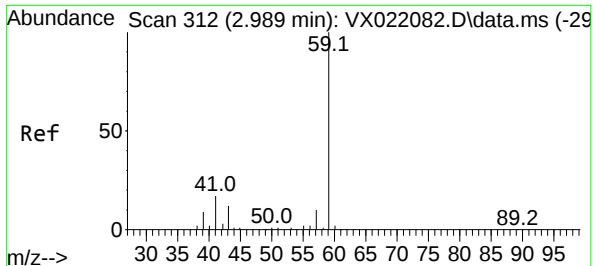
Tgt Ion: 62 Resp: 278
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.7 38.5



#5
 Bromomethane
 Concen: 0.22 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX022284.D
 Acq: 29 May 2021 04:38

Tgt Ion: 94 Resp: 115
 Ion Ratio Lower Upper
 94 100
 96 89.3 76.4 114.6



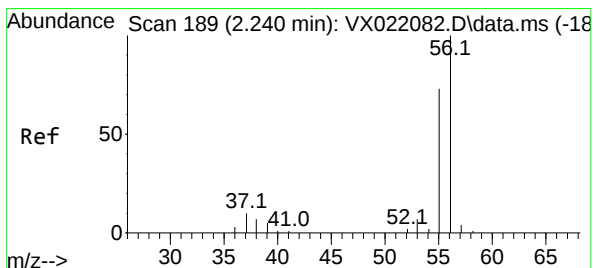
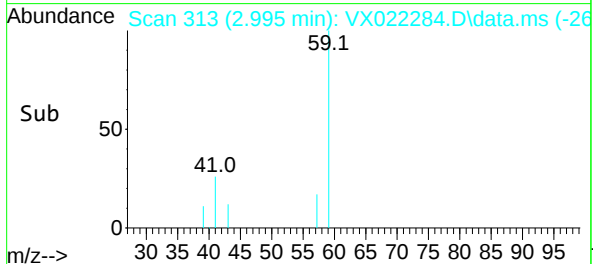
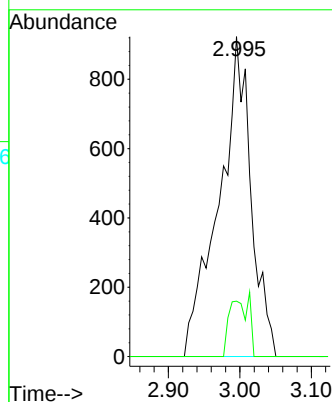
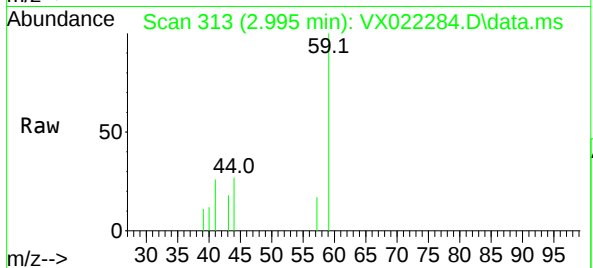


#11

Tert butyl alcohol
Concen: 12.42 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Instrument :
MSVOA_X
ClientSampled :
1917

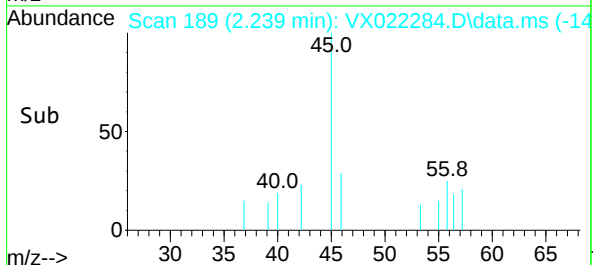
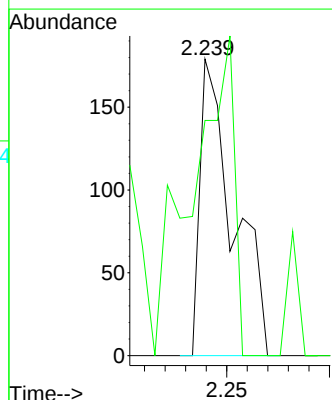
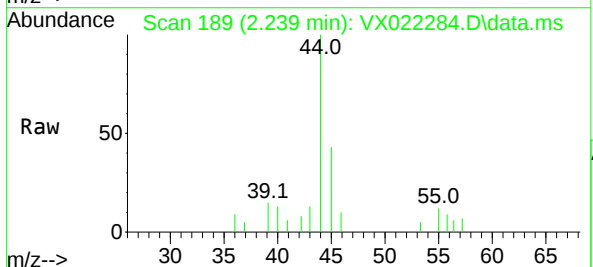
Tgt Ion: 59 Resp: 2881
Ion Ratio Lower Upper
59 100
57 11.1 7.8 11.8

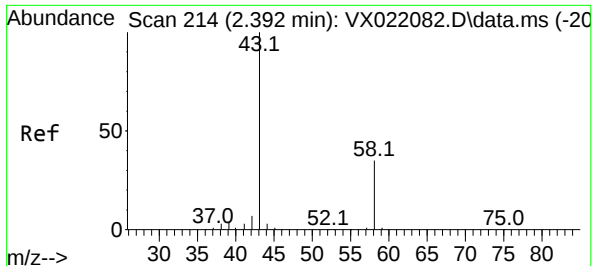


#13

Acrolein
Concen: 1.31 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 135.1 56.4 84.6#

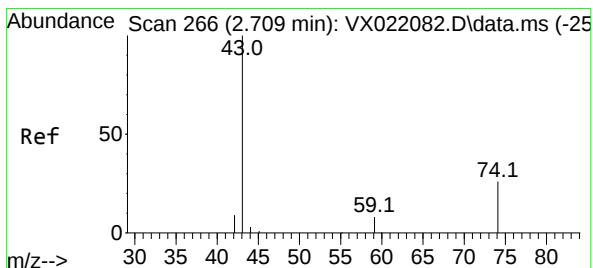
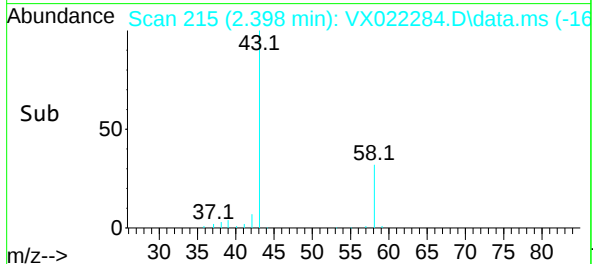
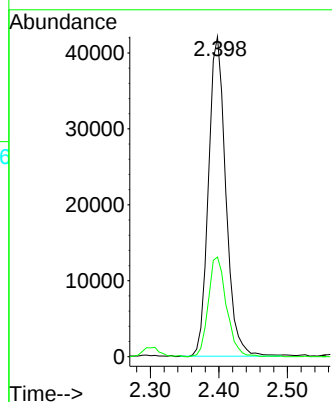
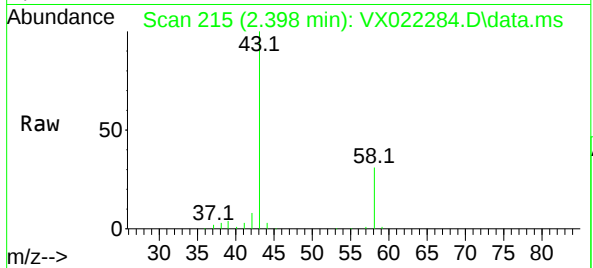




#16
Acetone
Concen: 167.85 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

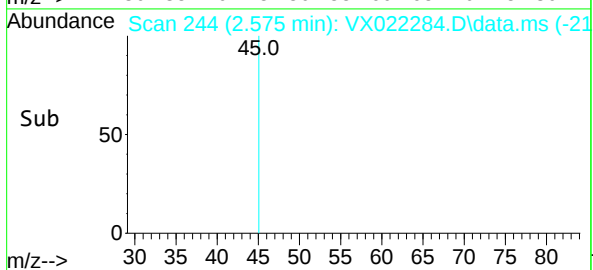
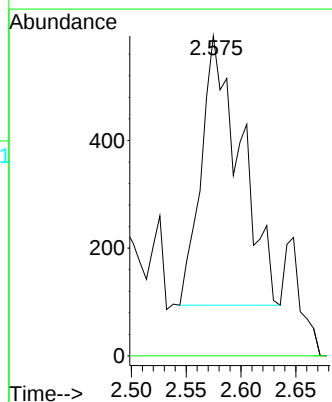
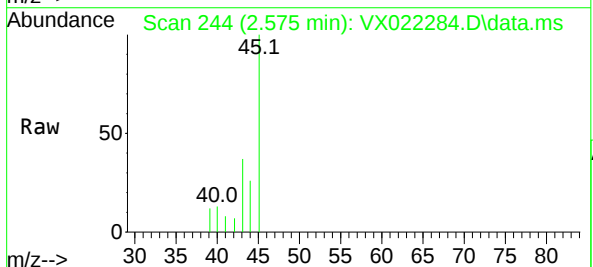
Instrument :
MSVOA_X
ClientSampled :
1917

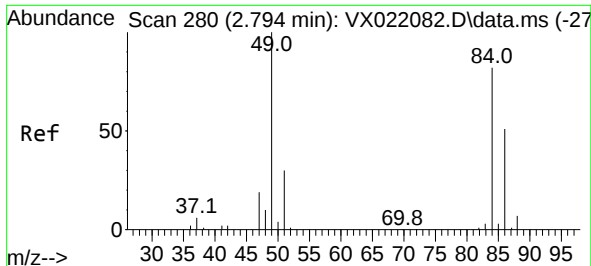
Tgt Ion: 43 Resp: 74101
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#18
Methyl Acetate
Concen: 1.06 ug/l
RT: 2.575 min Scan# 244
Delta R.T. -0.134 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

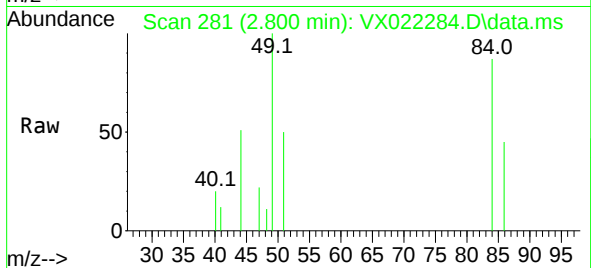
Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





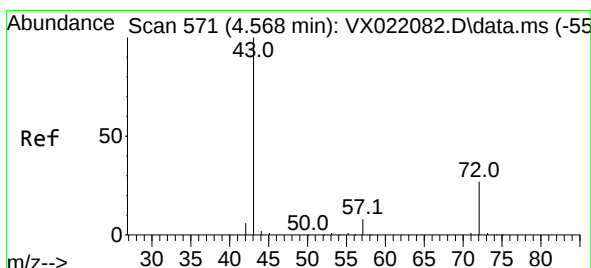
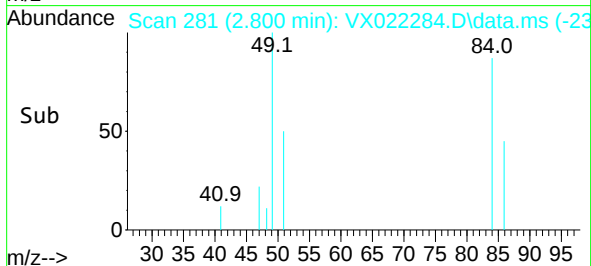
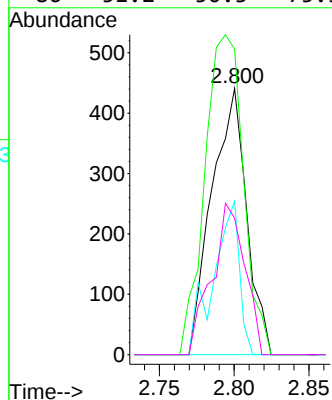
#20
Methylene Chloride
Concen: 0.73 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
1917



Tgt Ion: 84 Resp: 712

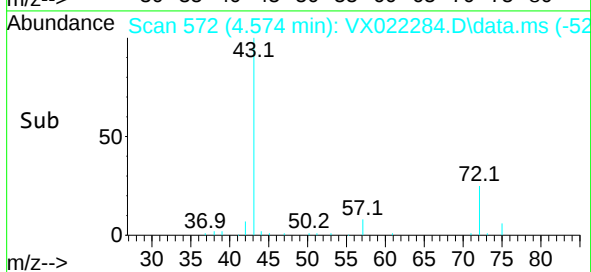
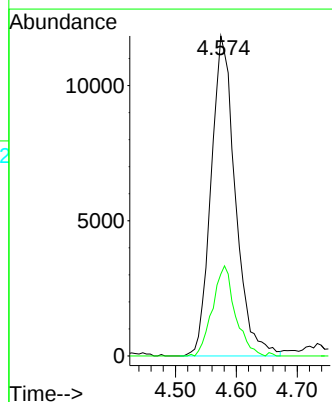
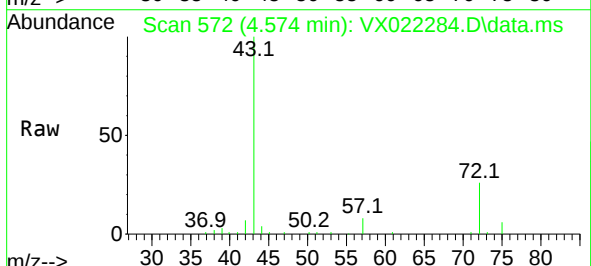
Ion	Ratio	Lower	Upper
84	100		
49	114.7	88.6	132.8
51	57.6	27.0	40.6#
86	51.2	50.3	75.5

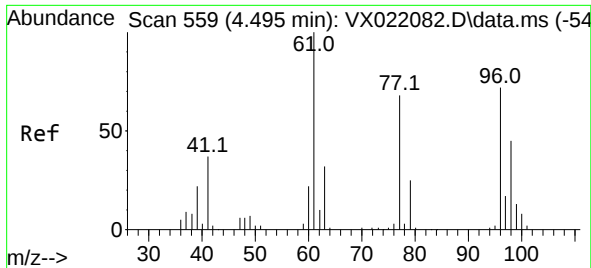


#25
2-Butanone
Concen: 45.92 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 43 Resp: 32800

Ion	Ratio	Lower	Upper
43	100		
72	25.6	23.7	35.5





#27

cis-1,2-Dichloroethene

Concen: 1.64 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

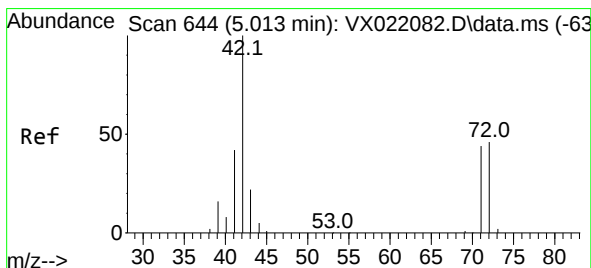
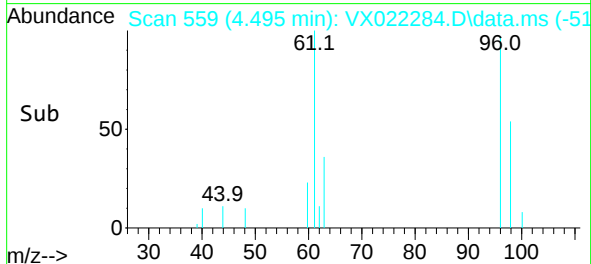
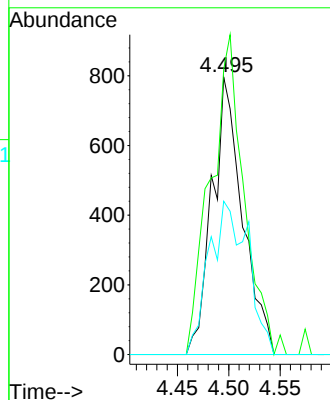
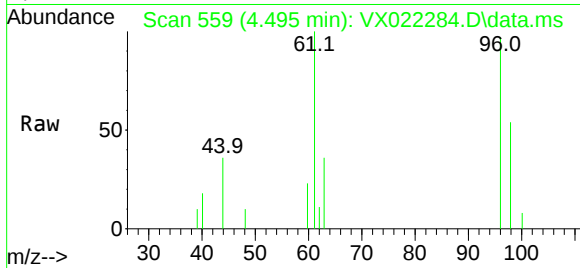
Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 96 Resp: 1634

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	285.6
98	70.9	0.0	129.6

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#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.038 min Scan# 648

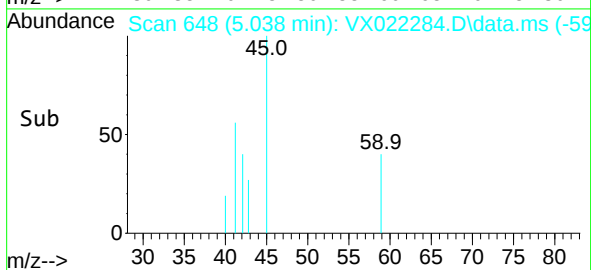
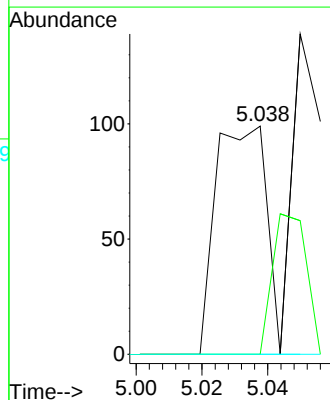
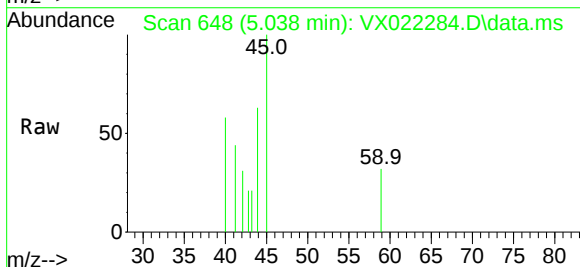
Delta R.T. 0.025 min

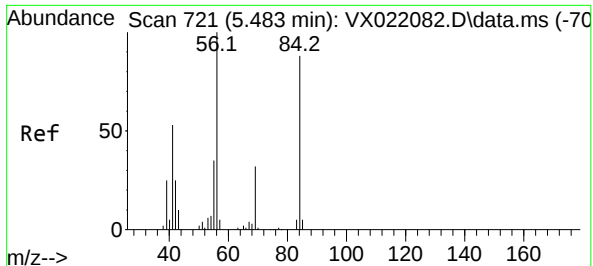
Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 42 Resp: 105

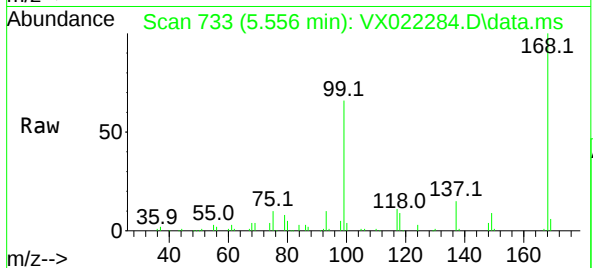
Ion	Ratio	Lower	Upper
42	100		
72	41.9	41.7	62.5
71	0.0	38.4	57.6#



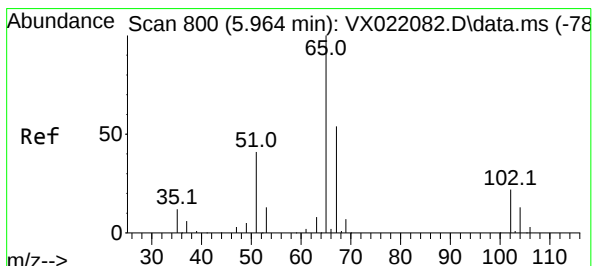
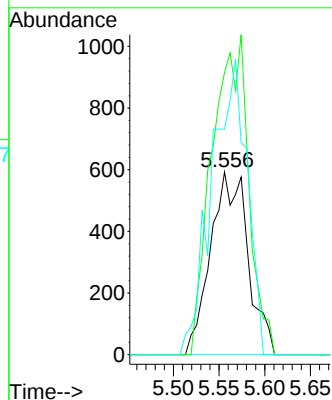
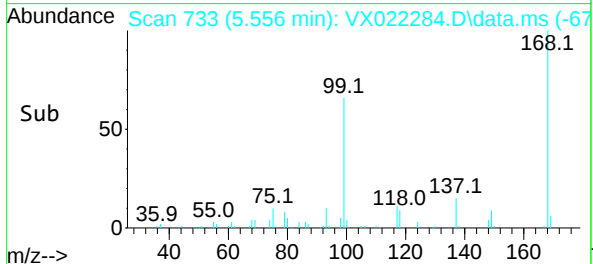


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

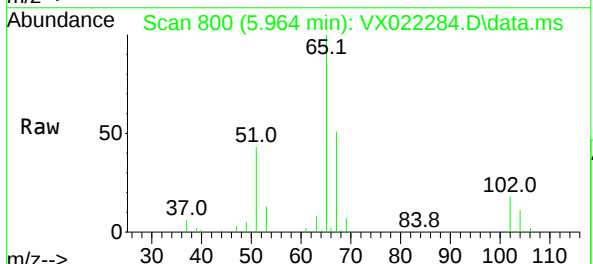
Instrument :
MSVOA_X
ClientSampleId :
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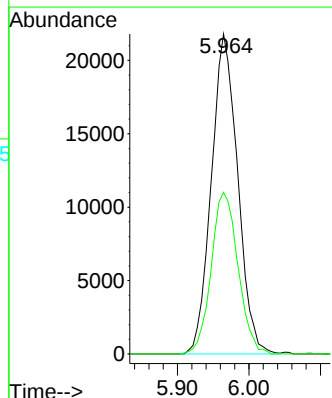
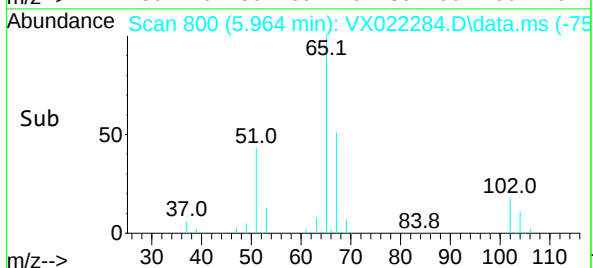
Tgt Ion: 56 Resp: 1677
Ion Ratio Lower Upper
56 100
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84 123.4 71.4 107.0#

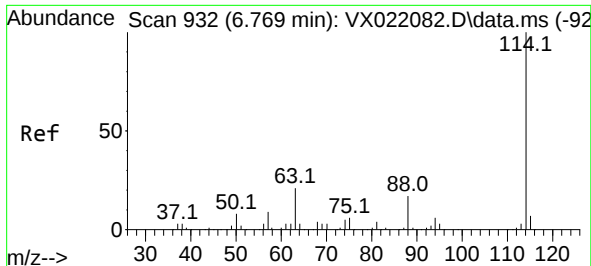


#33
1,2-Dichloroethane-d4
Concen: 54.98 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38



Tgt Ion: 65 Resp: 55745
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

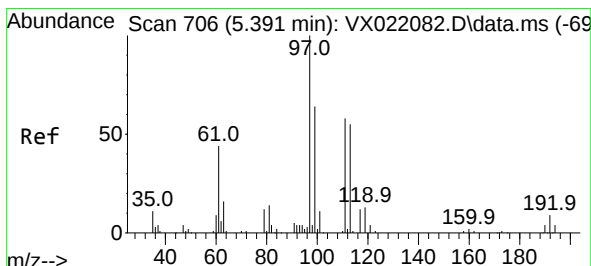
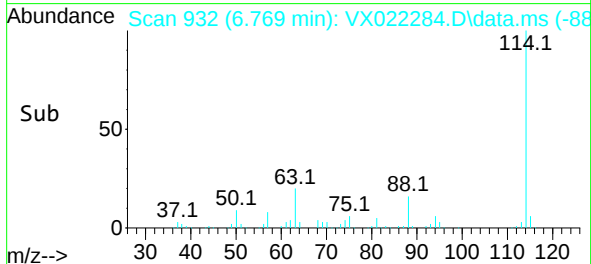
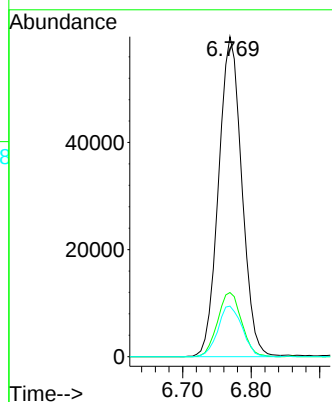
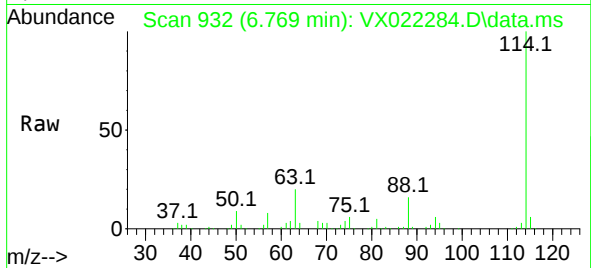




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

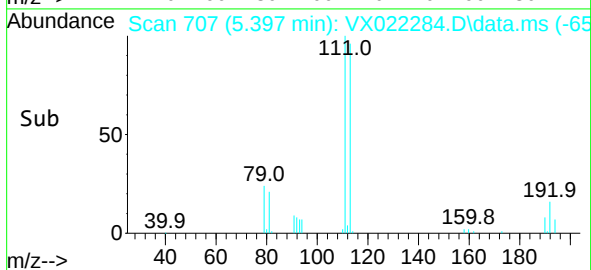
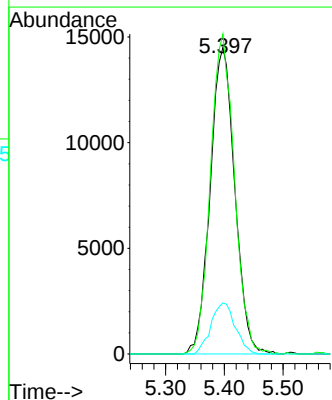
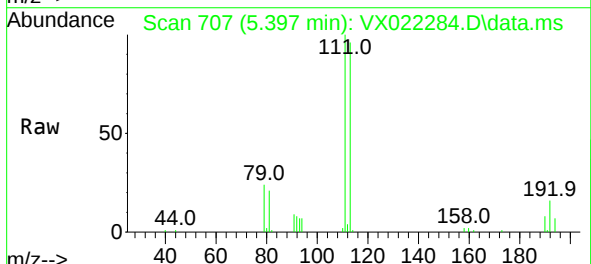
Instrument :
MSVOA_X
ClientSampled :
1917

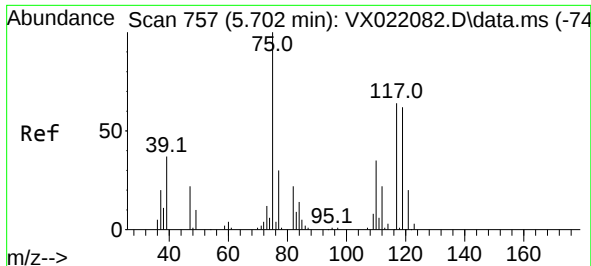
Tgt Ion:114 Resp: 140399
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion:113 Resp: 42096
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 16.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.99 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 75 Resp: 6475

Ion Ratio Lower Upper

75 100

110 4.6 18.1 54.4#

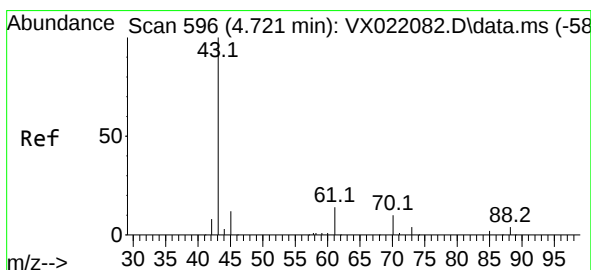
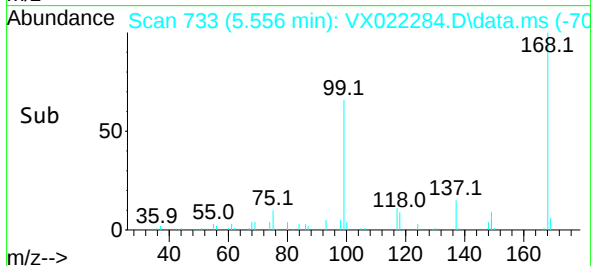
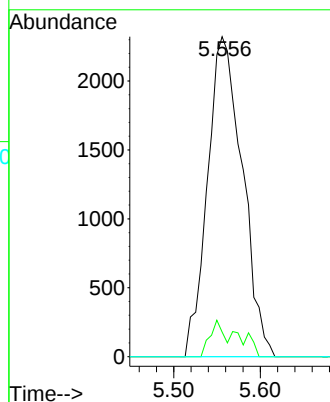
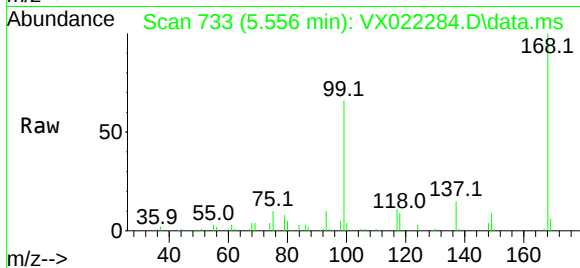
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

1917



#37

Ethyl Acetate

Concen: 0.76 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX022284.D

Acq: 29 May 2021 04:38

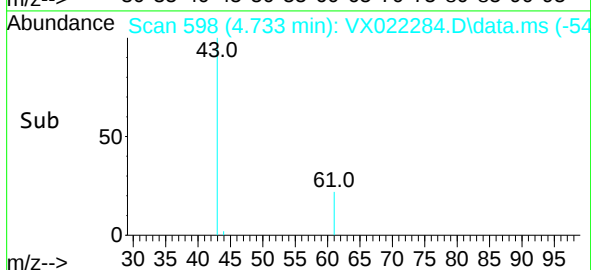
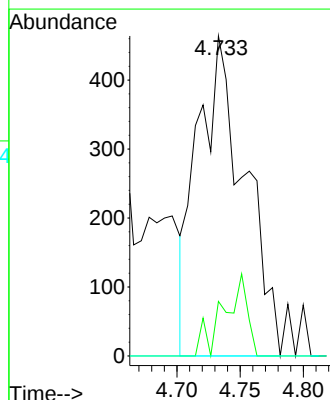
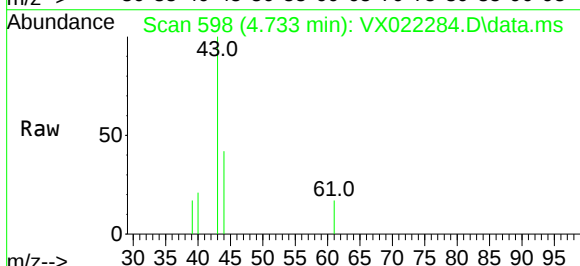
Tgt Ion: 43 Resp: 1205

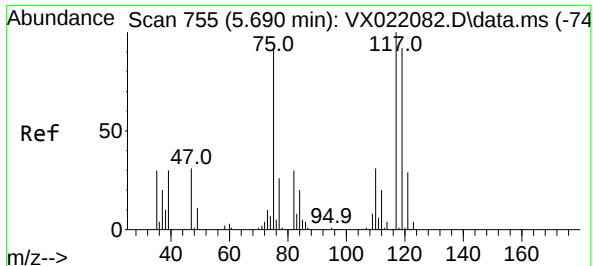
Ion Ratio Lower Upper

43 100

61 13.0 12.8 19.2

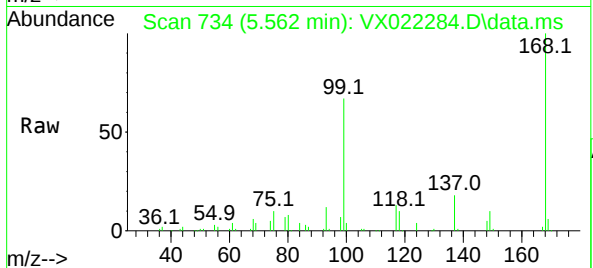
70 0.0 10.5 15.7#



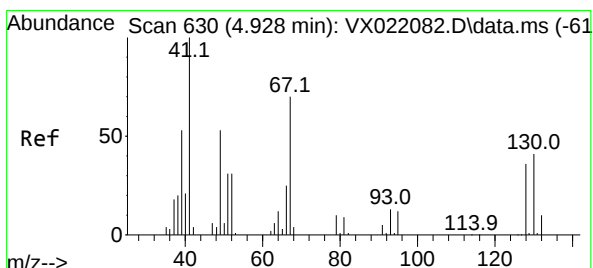
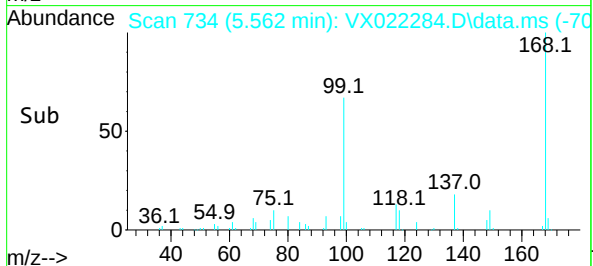
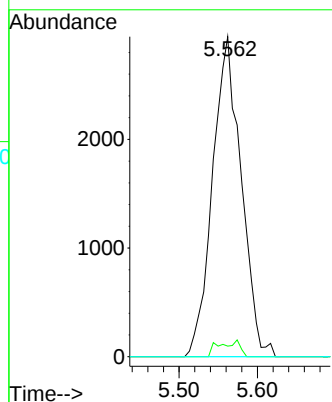


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
1917

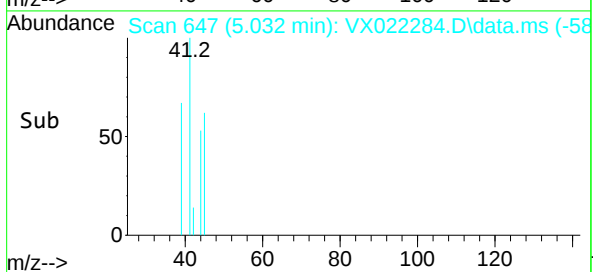
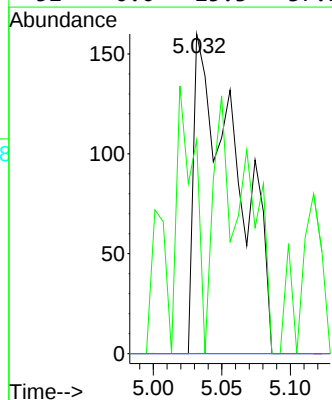
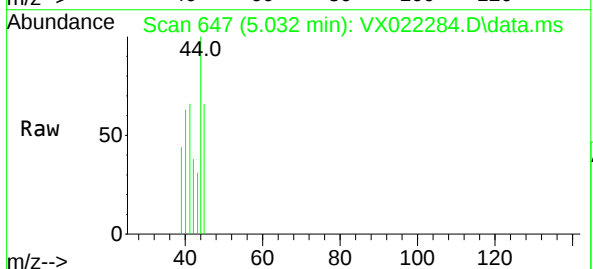


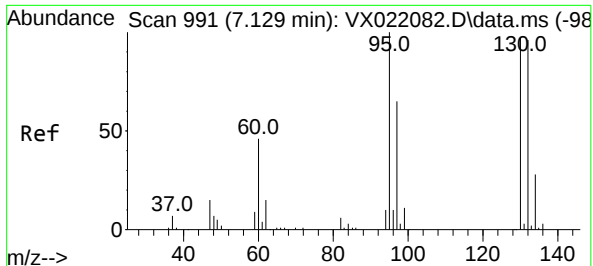
Tgt Ion:117 Resp: 7494
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.41 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 41 Resp: 345
Ion Ratio Lower Upper
41 100
39 49.3 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

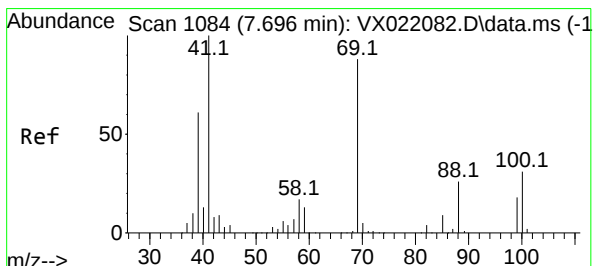
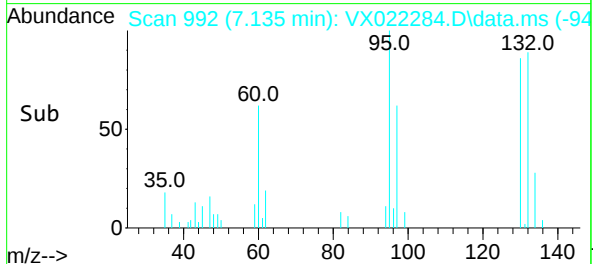
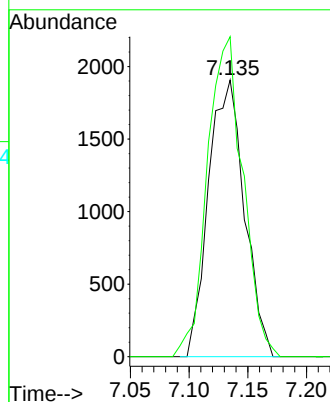
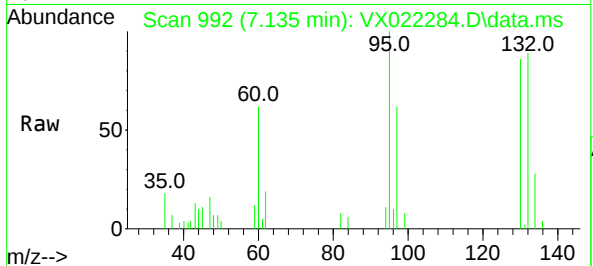




#44
Trichloroethene
Concen: 4.08 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

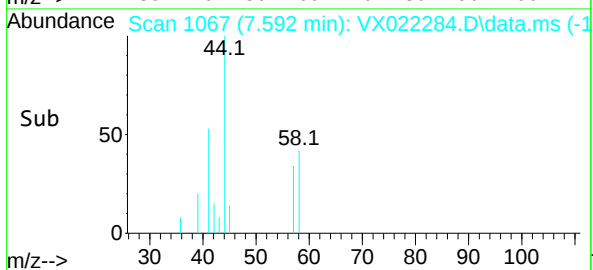
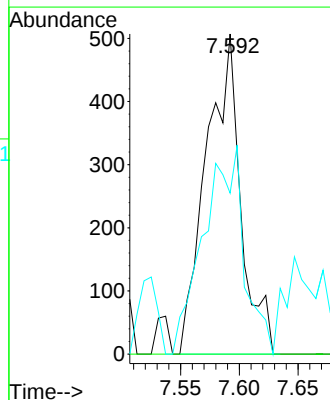
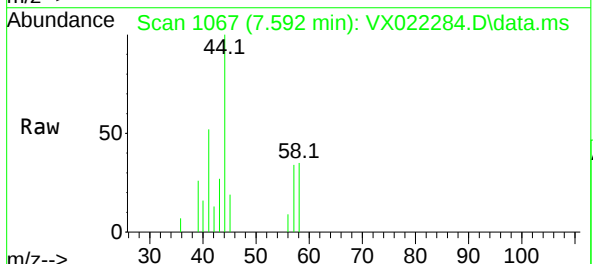
Instrument :
MSVOA_X
ClientSampled :
1917

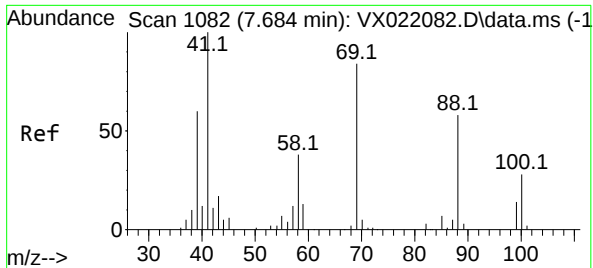
Tgt Ion:130 Resp: 4051
Ion Ratio Lower Upper
130 100
95 115.7 0.0 198.0



#48
Methyl methacrylate
Concen: 0.86 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 41 Resp: 1034
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 75.7 44.6 67.0#





#49

1,4-Dioxane

Concen: 0.86 ug/l

RT: 7.885 min Scan# 1115

Delta R.T. 0.201 min

Lab File: VX022284.D

Acq: 29 May 2021 04:38

Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

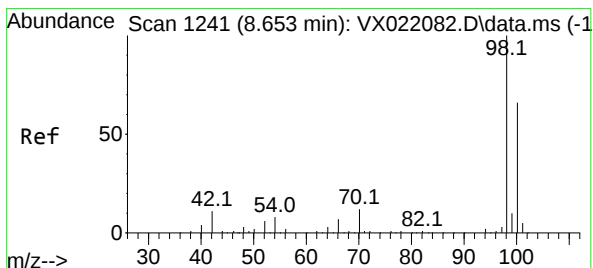
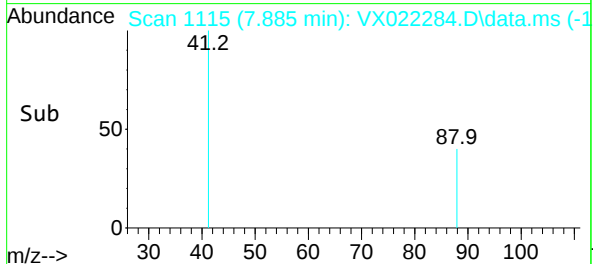
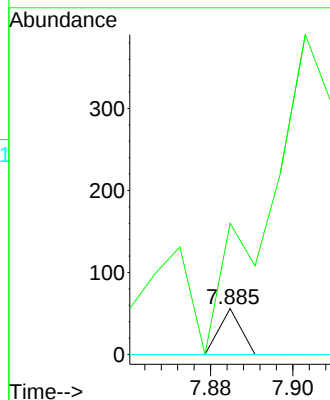
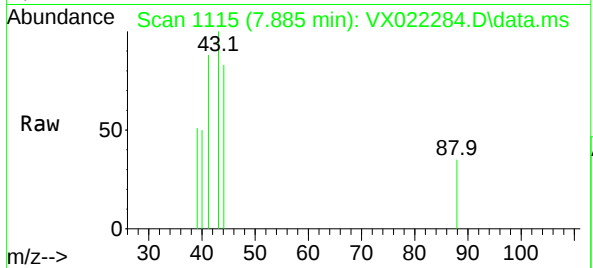
58 0.0 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :

1917



#50

Toluene-d8

Concen: 50.66 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022284.D

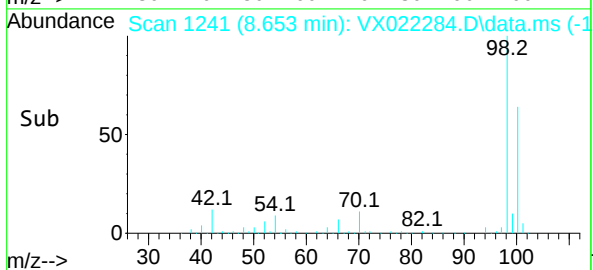
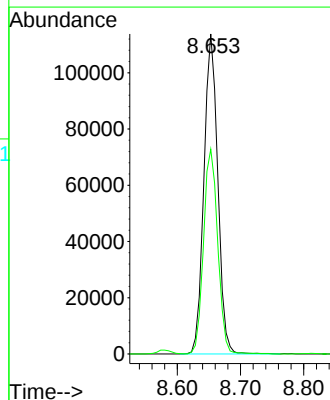
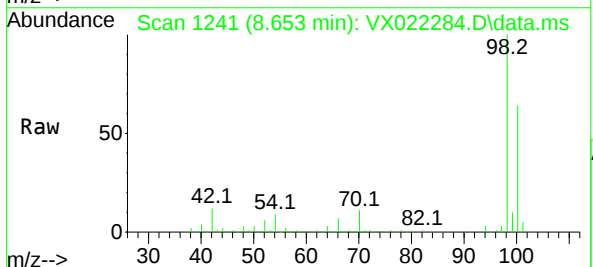
Acq: 29 May 2021 04:38

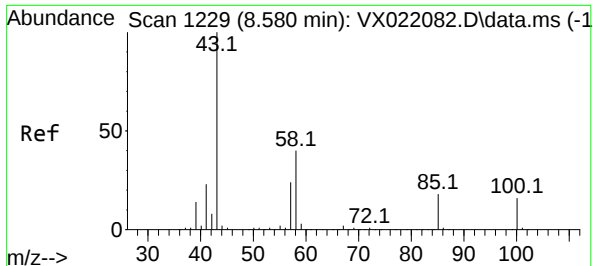
Tgt Ion: 98 Resp: 173754

Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9

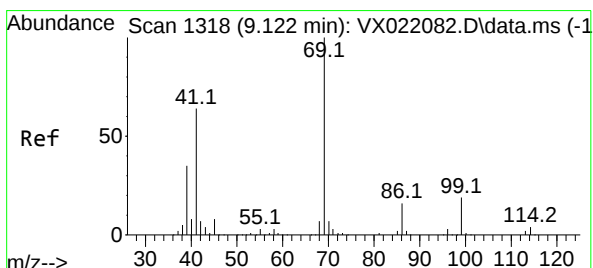
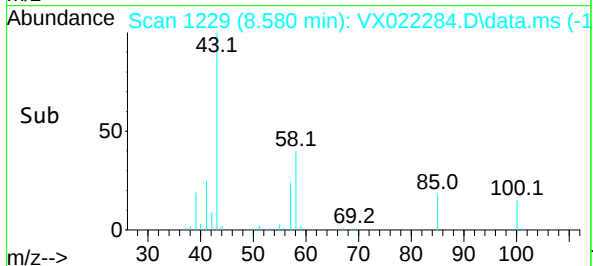
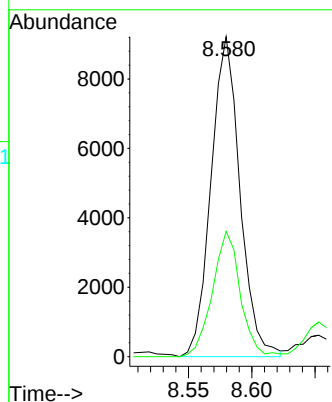
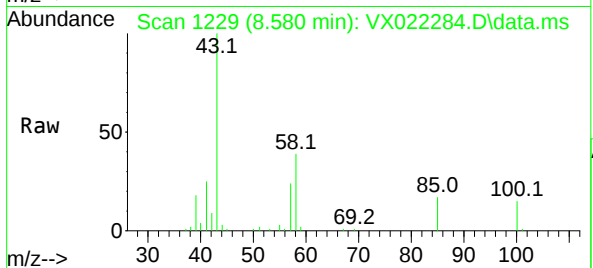




#51
4-Methyl-2-Pentanone
Concen: 9.38 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

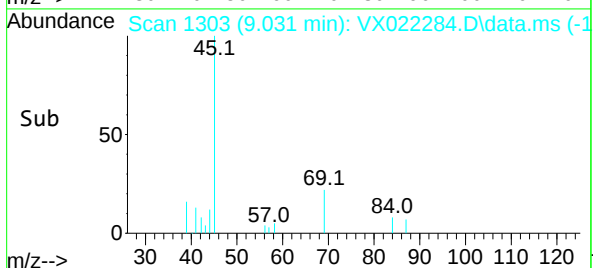
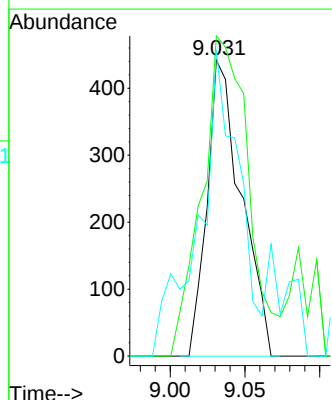
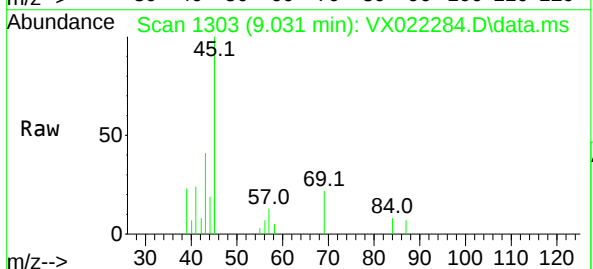
Instrument :
MSVOA_X
ClientSampled :
1917

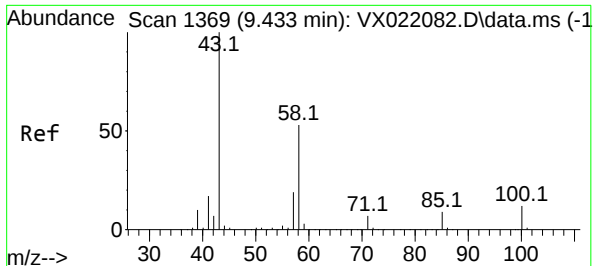
Tgt Ion: 43 Resp: 14631
Ion Ratio Lower Upper
43 100
58 37.8 35.4 53.0



#56
Ethyl methacrylate
Concen: 0.42 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.091 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 69 Resp: 703
Ion Ratio Lower Upper
69 100
41 147.2 46.8 70.2#
39 121.6 24.7 37.1#

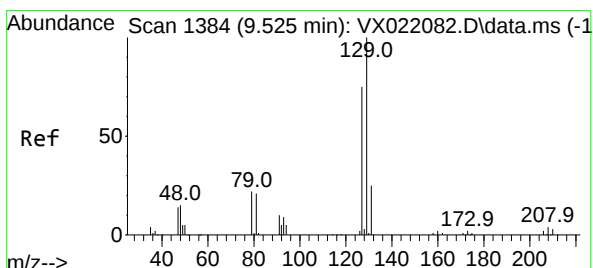
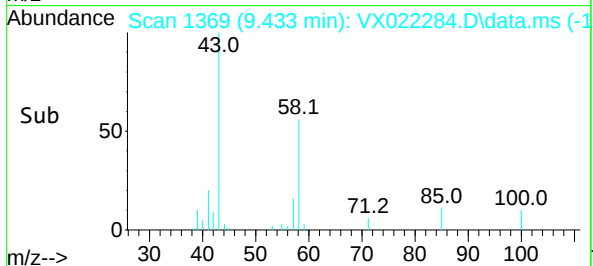
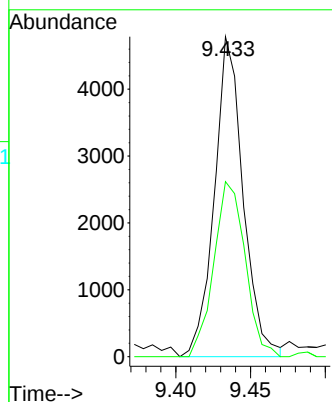
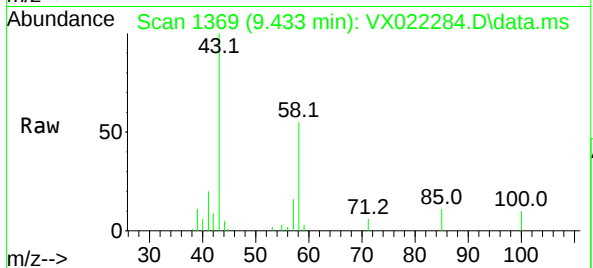




#59
2-Hexanone
Concen: 5.45 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

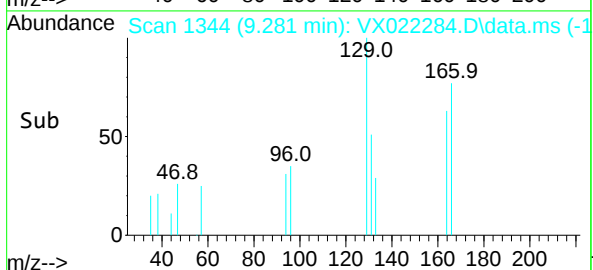
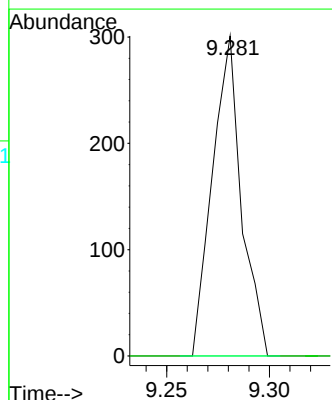
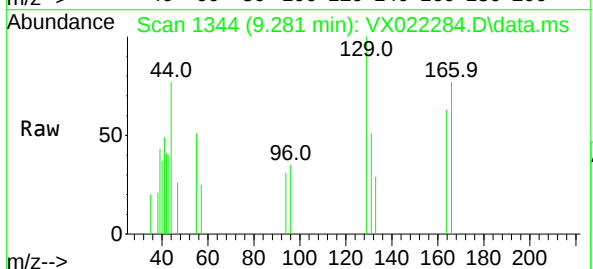
Instrument :
MSVOA_X
ClientSampled :
1917

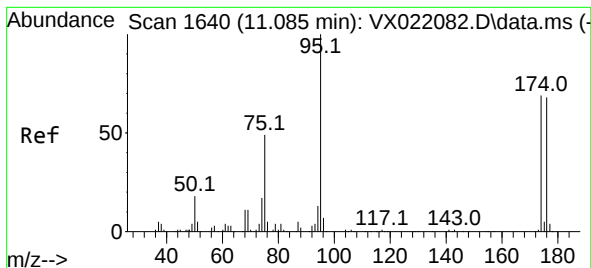
Tgt Ion: 43 Resp: 6391
Ion Ratio Lower Upper
43 100
58 59.5 30.9 92.8



#60
Dibromochloromethane
Concen: 0.30 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 129 Resp: 296
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

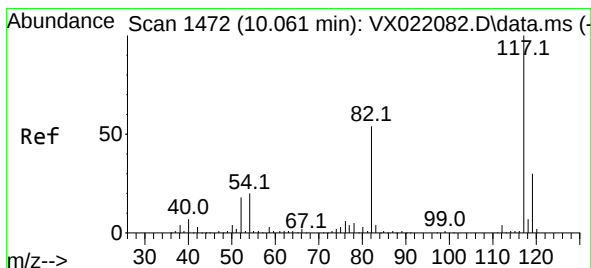
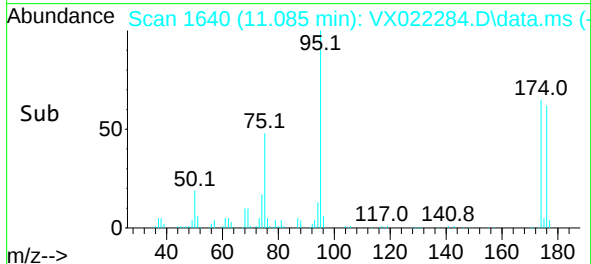
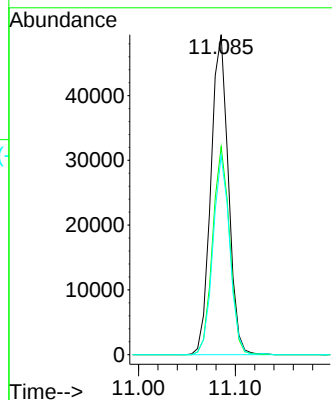
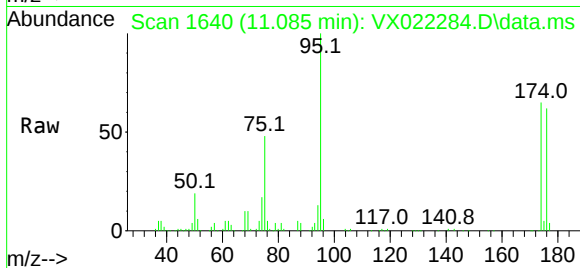




#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

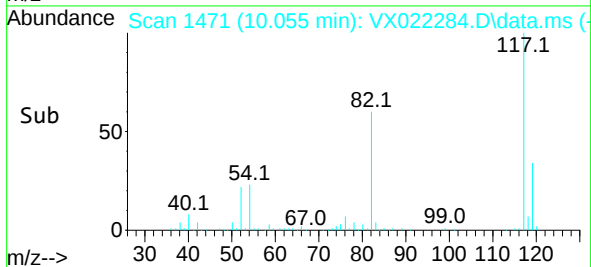
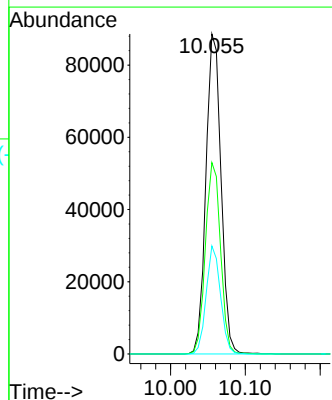
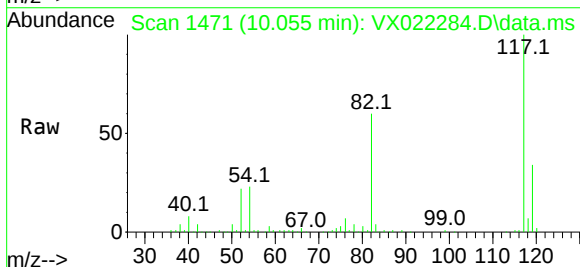
Instrument :
MSVOA_X
ClientSampleId :
1917

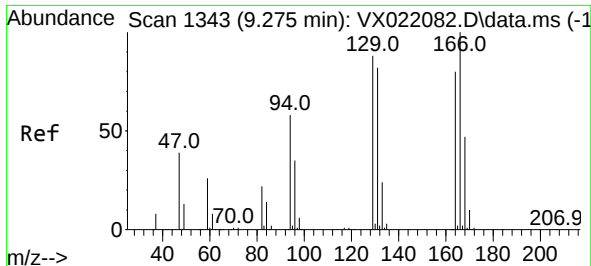
Tgt Ion: 95 Resp: 62109
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 117 Resp: 124290
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 33.7 26.6 39.8

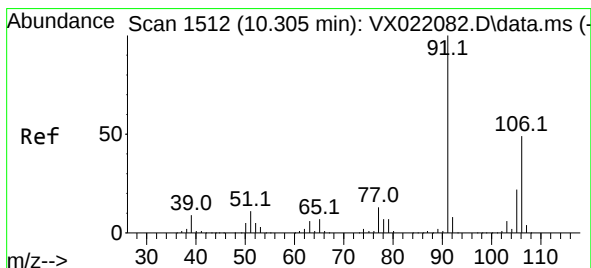
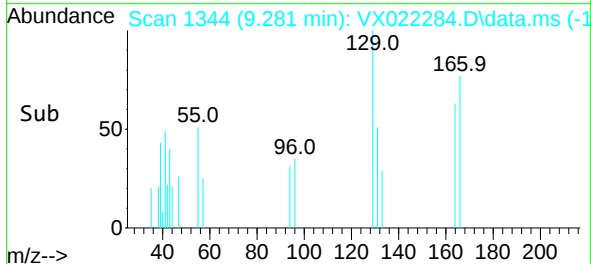
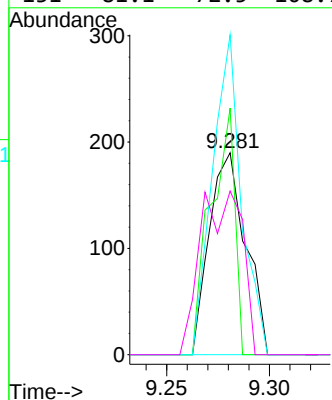
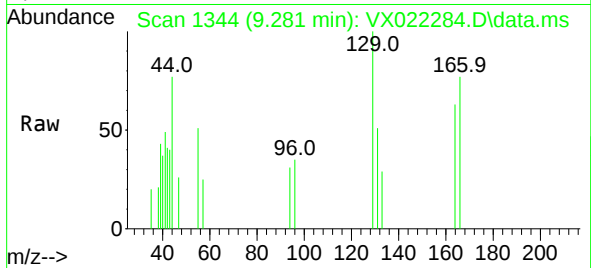




#64
Tetrachloroethene
Concen: 0.29 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

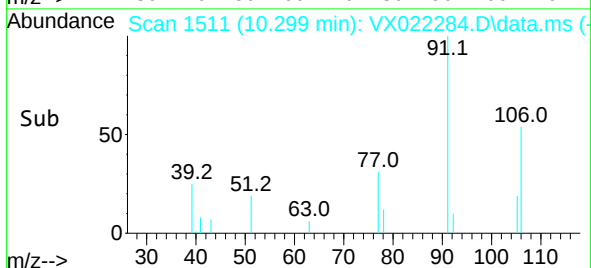
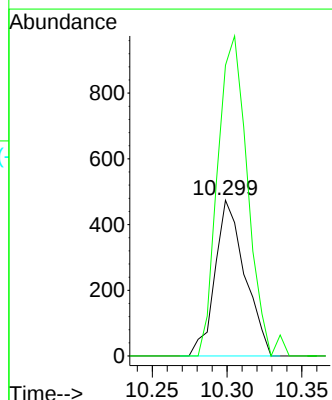
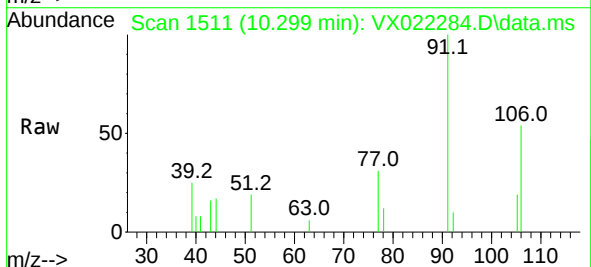
Instrument :
MSVOA_X
ClientSampleId :
1917

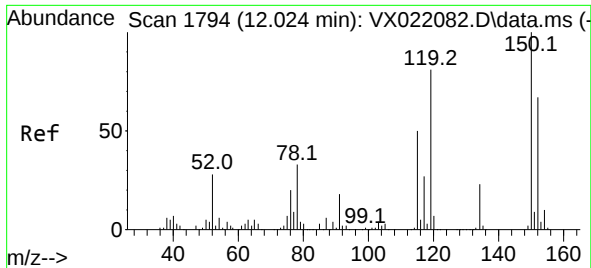
Tgt Ion:164 Resp: 233
Ion Ratio Lower Upper
164 100
166 122.1 103.4 155.2
129 158.4 70.8 106.2#
131 81.1 72.5 108.7



#68
m/p-Xylenes
Concen: 0.37 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion:106 Resp: 659
Ion Ratio Lower Upper
106 100
91 206.5 162.8 244.2

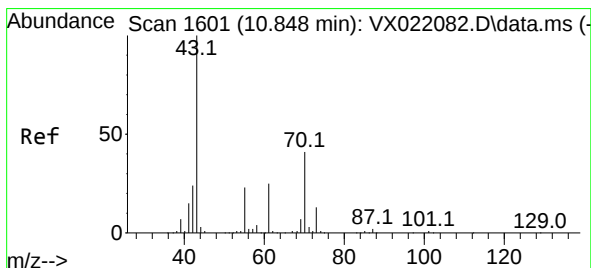
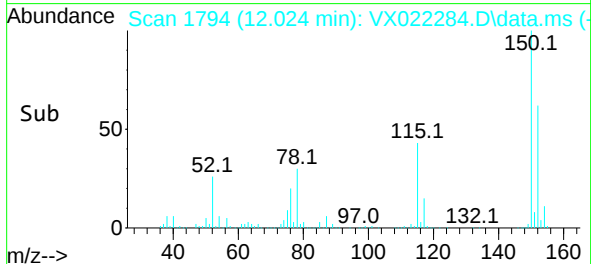
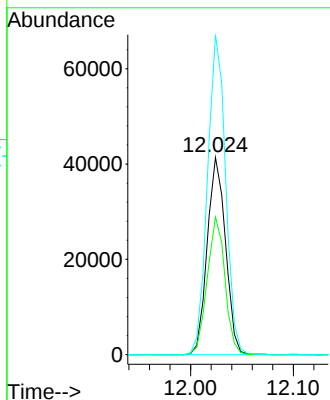
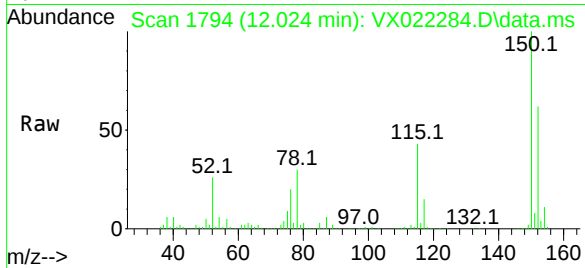




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

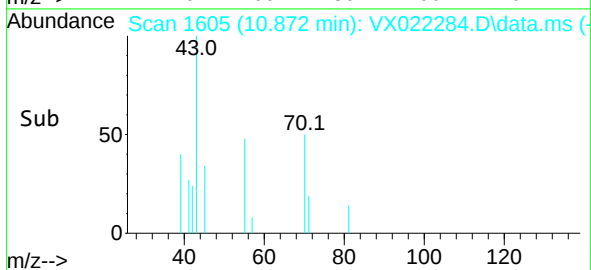
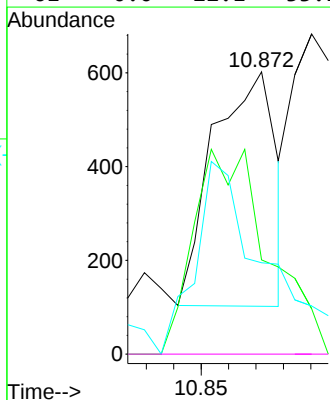
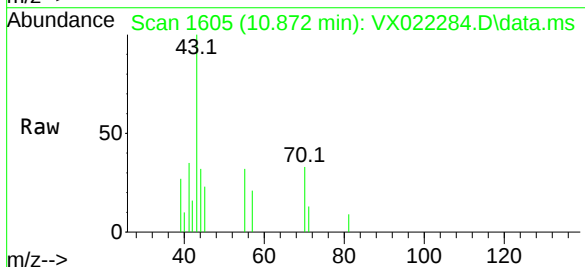
Instrument :
MSVOA_X
ClientSampled :
1917

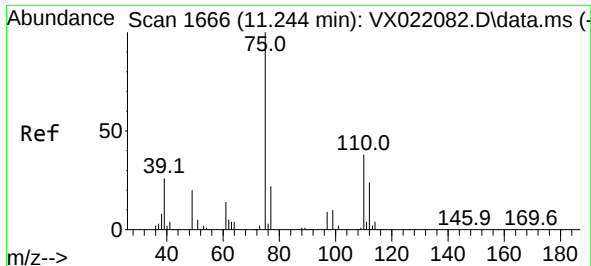
Tgt Ion:152 Resp: 51178
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 160.1 0.0 349.0



#74
N-ethyl acetate
Concen: 0.39 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.024 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
70 104.4 39.0 58.6#
55 96.2 21.5 32.3#
61 0.0 22.1 33.1#

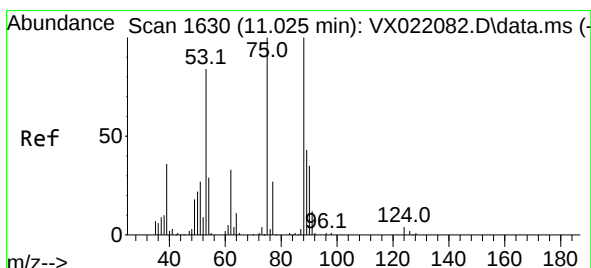
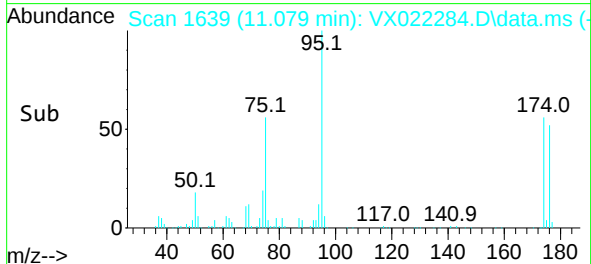
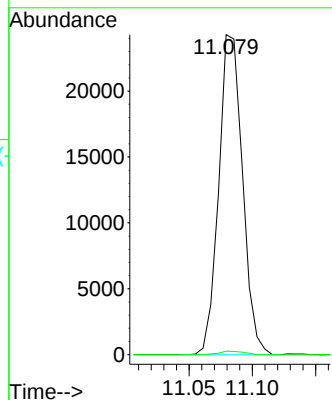
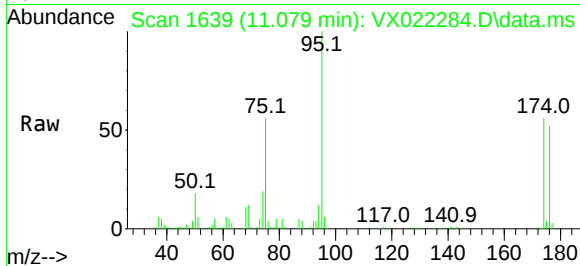




#76
1,2,3-Trichloropropane
Concen: 25.09 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Instrument :
MSVOA_X
ClientSampled :
1917

Tgt Ion: 75 Resp: 31684
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.46 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.054 min
Lab File: VX022284.D
Acq: 29 May 2021 04:38

Tgt Ion: 75 Resp: 31684
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

