

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029319.D
 Acq On : 08 Jun 2022 14:27
 Operator : JC/MD
 Sample : N3174-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 06:59:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

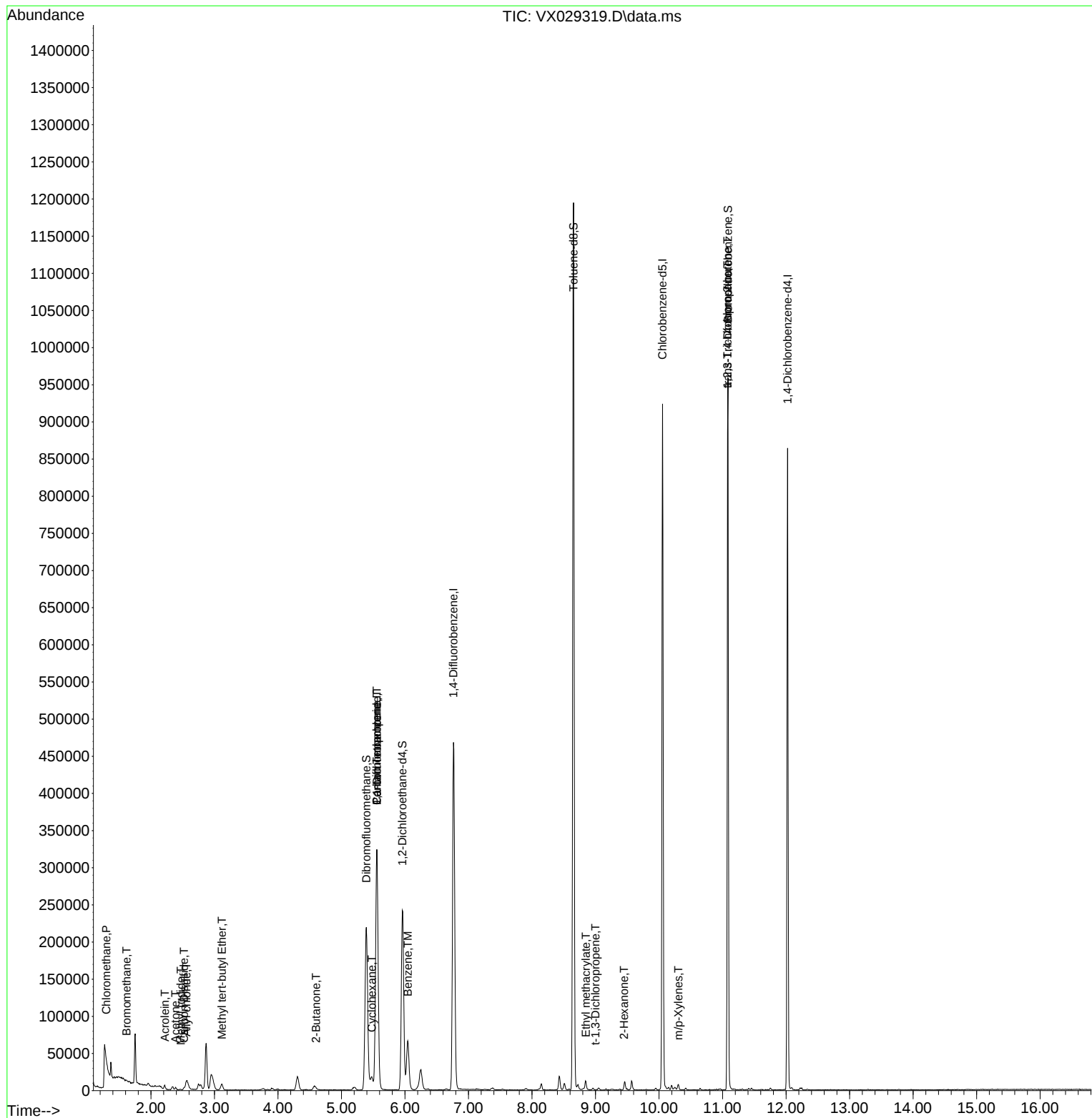
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	295586	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	487974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238741	53.171	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.340%
35) Dibromofluoromethane	5.391	113	193974	46.758	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.520%
50) Toluene-d8	8.653	98	721464	49.173	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.085	95	262445	45.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.420%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	2306	0.460	ug/l	# 55
5) Bromomethane	1.617	94	790	0.284	ug/l	97
6) Chloroethane	1.758	64	786	Below Cal	#	48
10) Methyl Iodide	2.471	142	817	1.377	ug/l	# 81
11) Tert butyl alcohol	2.977	59	25443	Below Cal	#	90
13) Acrolein	2.221	56	117	0.214	ug/l	# 1
14) Allyl chloride	2.556	41	2323	0.326	ug/l	# 58
16) Acetone	2.386	43	3037	1.270	ug/l	98
17) Carbon Disulfide	2.520	76	4748	0.434	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	6724	0.438	ug/l	# 81
25) 2-Butanone	4.599	43	1514	0.400	ug/l	# 69
31) Cyclohexane	5.476	56	11239	1.403	ug/l	# 95
36) 1,1-Dichloropropene	5.556	75	23915	3.490	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	32124	4.586	ug/l	# 16
40) Benzene	6.043	78	82326	4.035	ug/l	94
41) Methacrylonitrile	5.050	41	24	Below Cal	#	1
53) t-1,3-Dichloropropene	9.000	75	24	1.320	ug/l	# 43
56) Ethyl methacrylate	8.848	69	2052	0.266	ug/l	# 58
59) 2-Hexanone	9.451	43	1087	0.206	ug/l	70
68) m/p-Xylenes	10.305	106	1924	0.245	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	130120	32.504	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	130120	98.834	ug/l	# 15

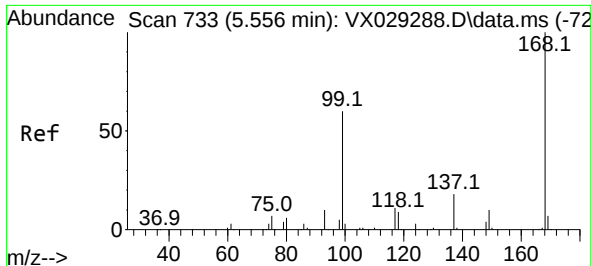
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

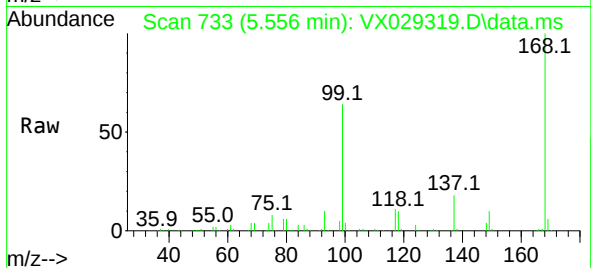
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
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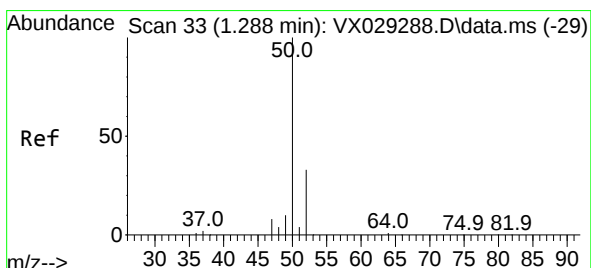
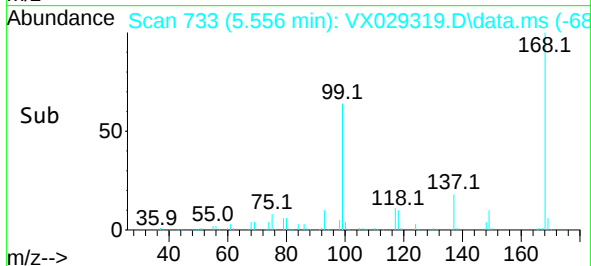
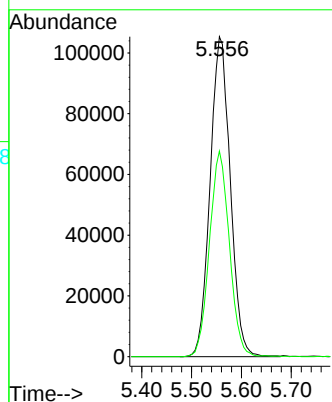


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

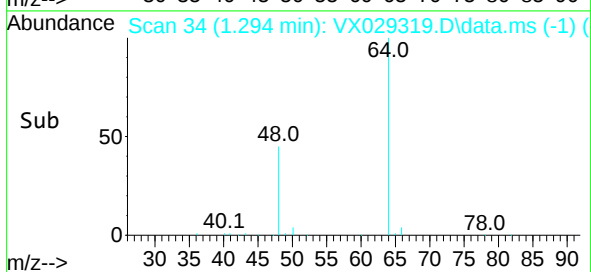
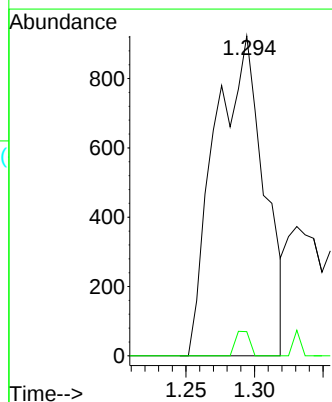
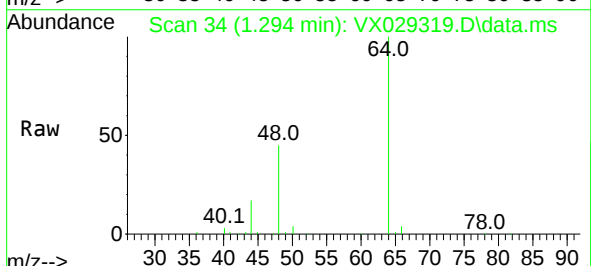


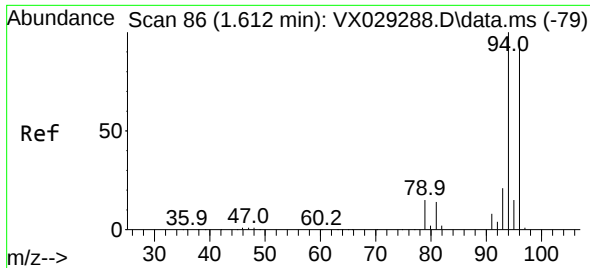
Tgt Ion:168 Resp: 295586
Ion Ratio Lower Upper
168 100
99 64.2 41.7 62.5#



#3
Chloromethane
Concen: 0.460 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 50 Resp: 2306
Ion Ratio Lower Upper
50 100
52 7.6 26.4 39.6#

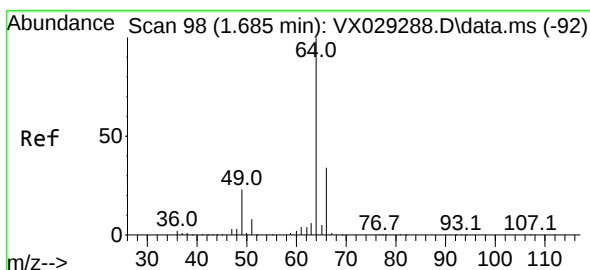
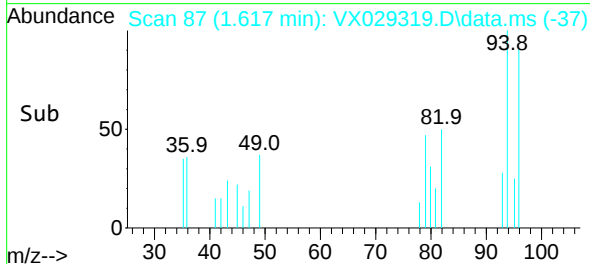
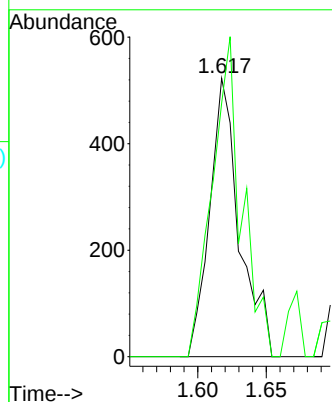
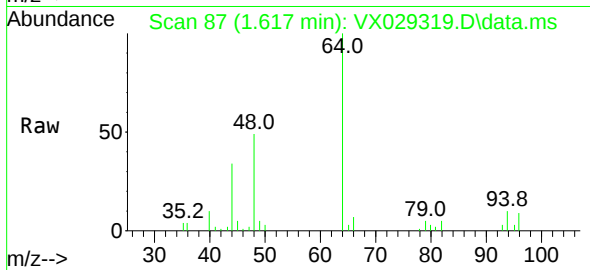




#5
Bromomethane
Concen: 0.284 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.005 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

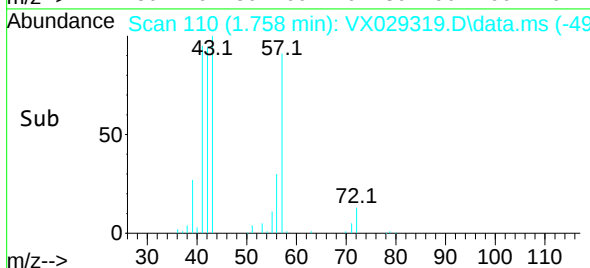
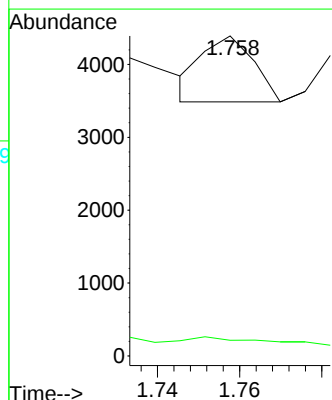
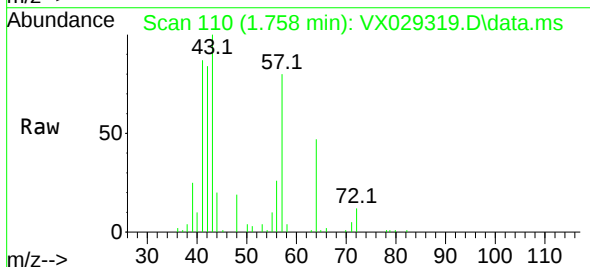
Instrument :
MSVOA_X
ClientSampleId :

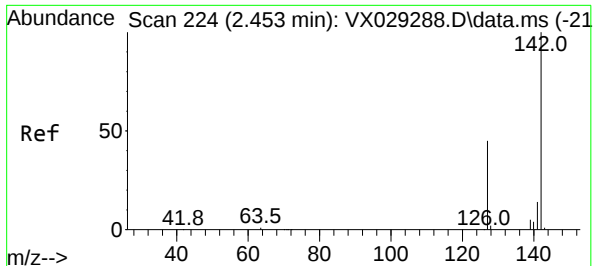
Tgt Ion: 94 Resp: 790
Ion Ratio Lower Upper
94 100
96 91.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.758 min Scan# 110
Delta R.T. 0.073 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

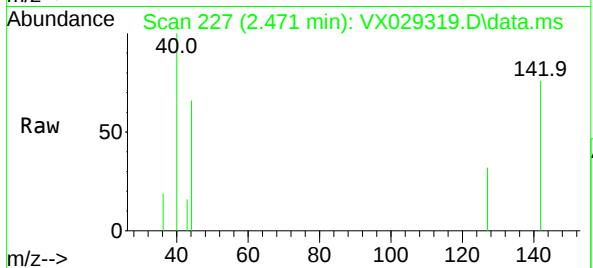
Tgt Ion: 64 Resp: 786
Ion Ratio Lower Upper
64 100
66 2.7 25.3 37.9#



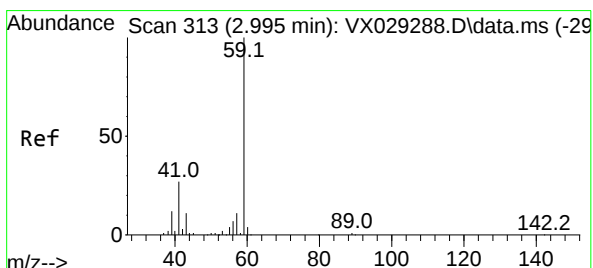
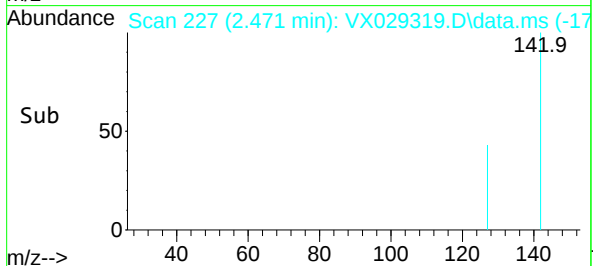
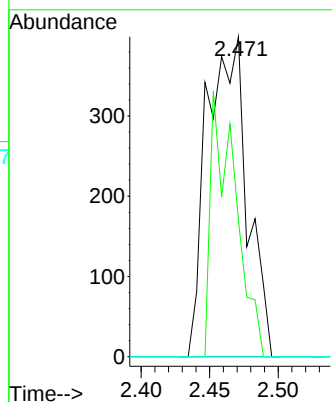


#10
Methyl Iodide
Concen: 1.377 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

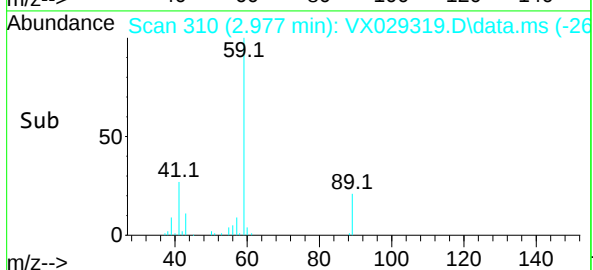
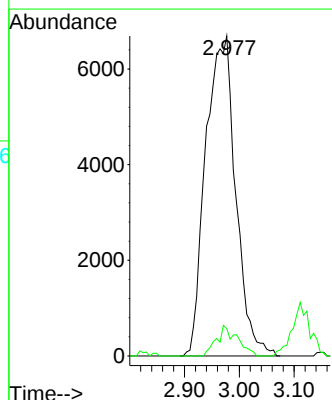
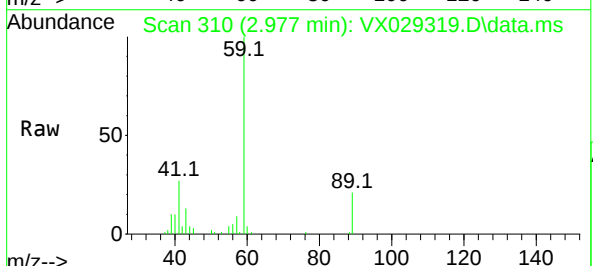


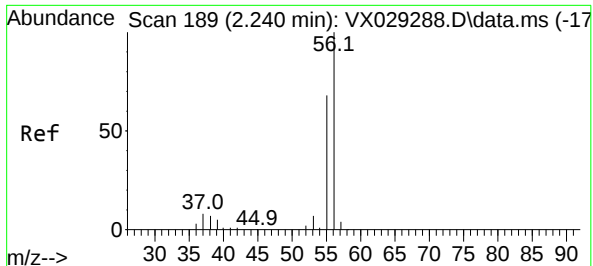
Tgt Ion:142 Resp: 817
Ion Ratio Lower Upper
142 100
127 50.8 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 59 Resp: 25443
Ion Ratio Lower Upper
59 100
57 6.5 8.3 12.5#

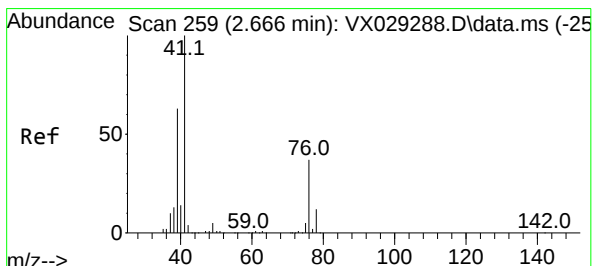
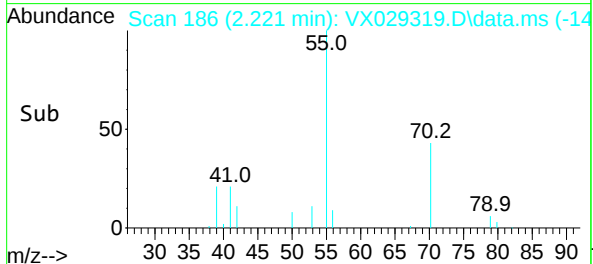
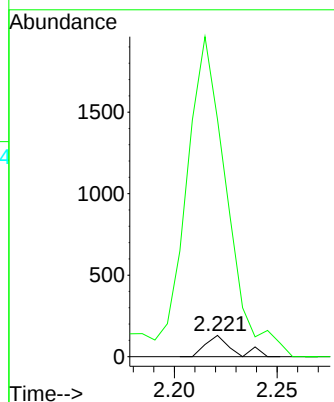
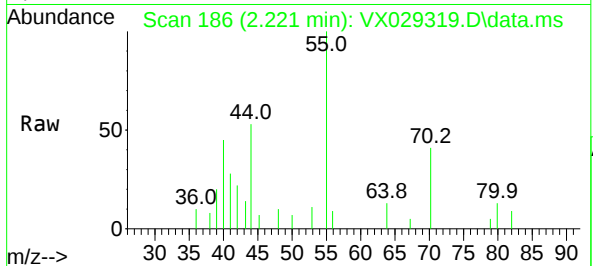




#13
Acrolein
Concen: 0.214 ug/l
RT: 2.221 min Scan# 117
Delta R.T. -0.019 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

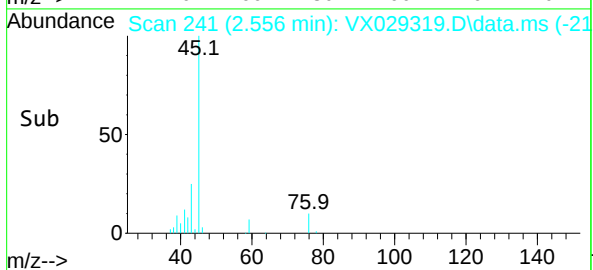
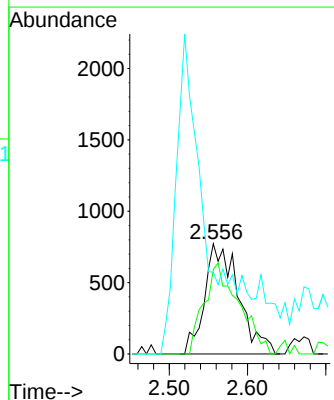
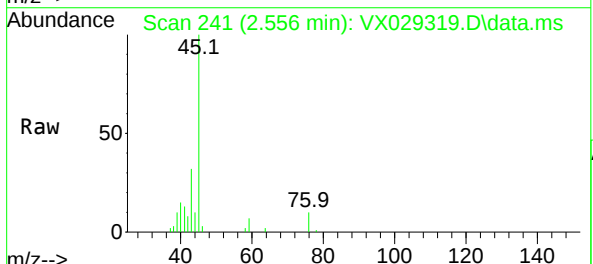
Instrument :
MSVOA_X
ClientSampleId :

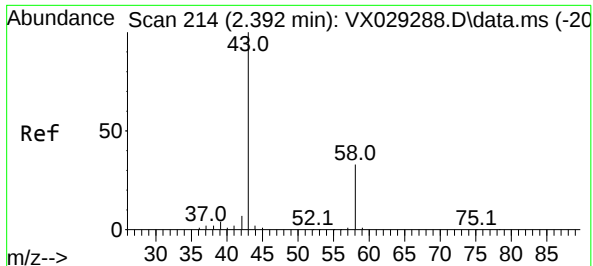
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 2265.0 55.0 82.6#



#14
Allyl chloride
Concen: 0.326 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

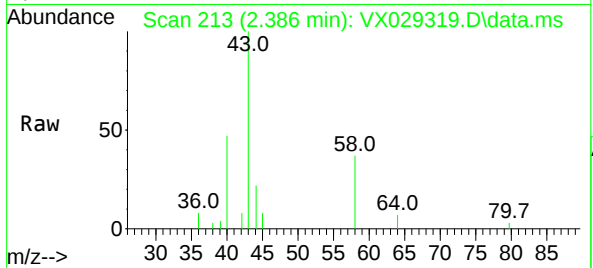
Tgt Ion: 41 Resp: 2323
Ion Ratio Lower Upper
41 100
39 84.1 50.4 75.6#
76 0.0 32.7 49.1#



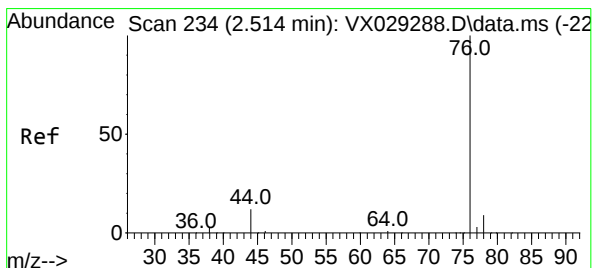
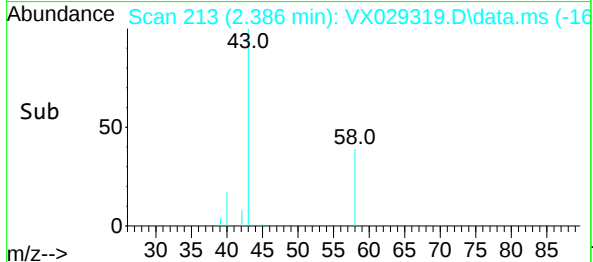
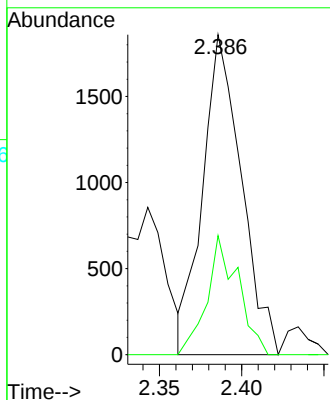


#16
Acetone
Concen: 1.270 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

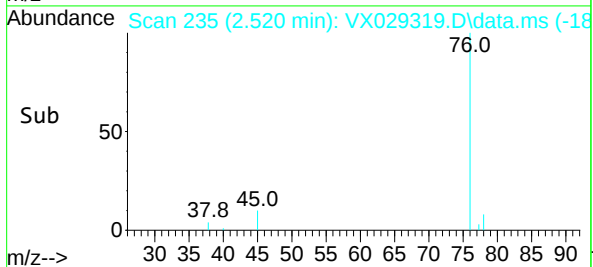
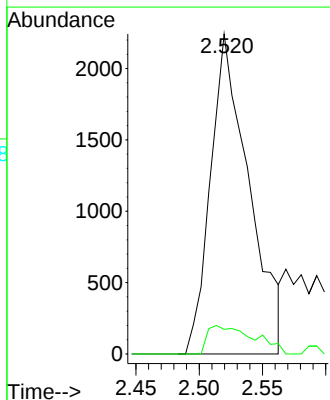
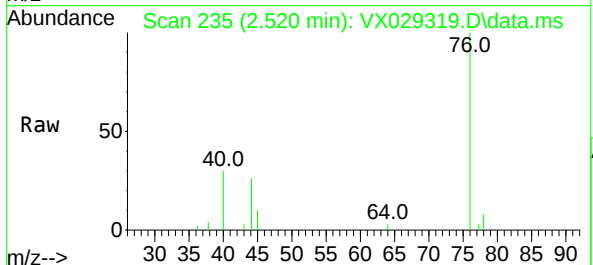


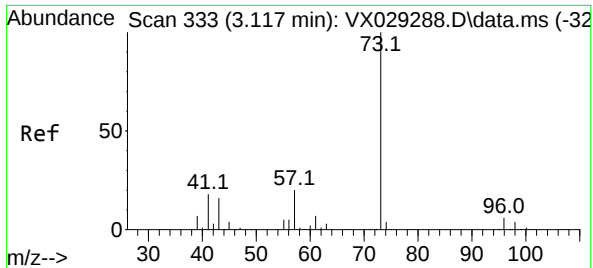
Tgt Ion: 43 Resp: 3037
Ion Ratio Lower Upper
43 100
58 37.2 28.8 43.2



#17
Carbon Disulfide
Concen: 0.434 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 76 Resp: 4748
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

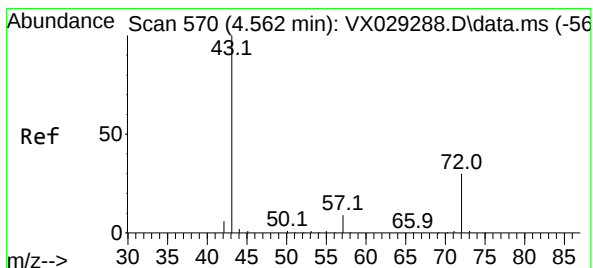
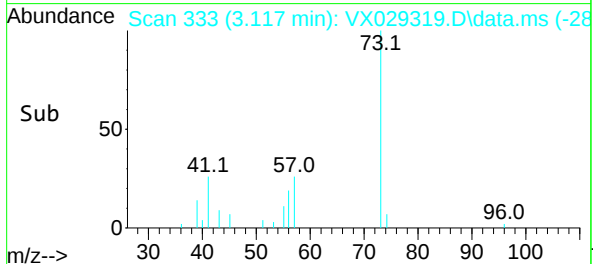
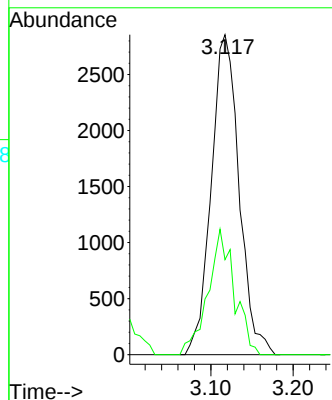
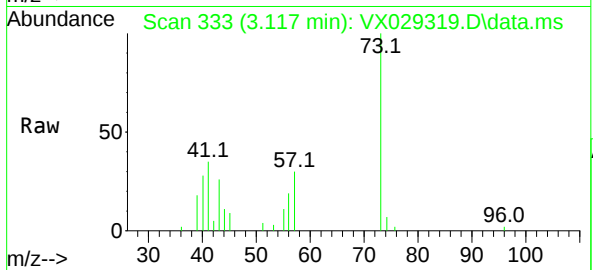




#19
Methyl tert-butyl Ether
Concen: 0.438 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

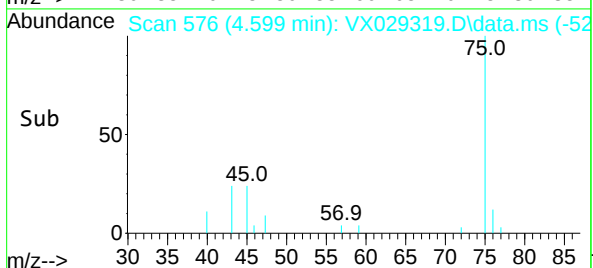
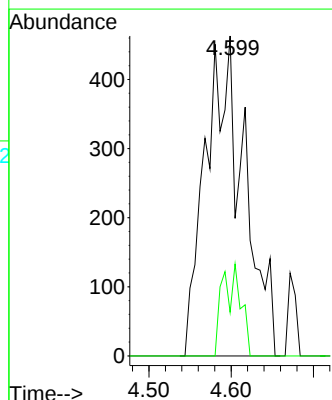
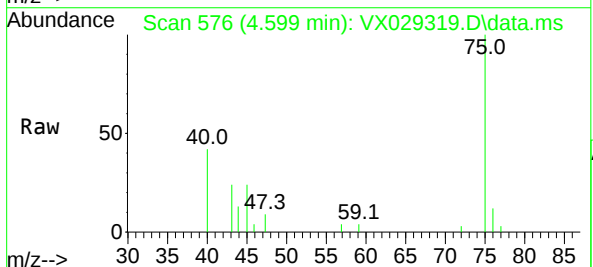
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MSVOA_X
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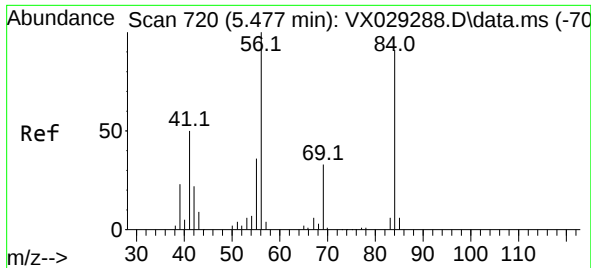
Tgt Ion: 73 Resp: 6724
Ion Ratio Lower Upper
73 100
57 29.7 16.8 25.2#



#25
2-Butanone
Concen: 0.400 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.036 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

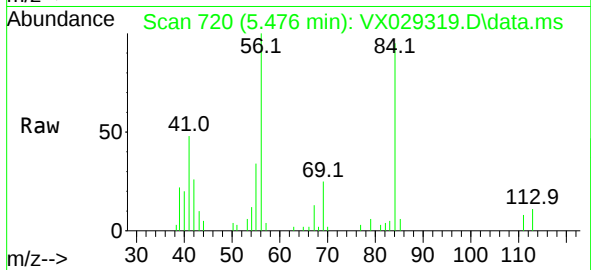
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
72 13.6 24.4 36.6#



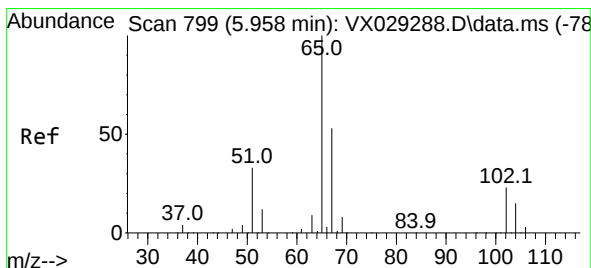
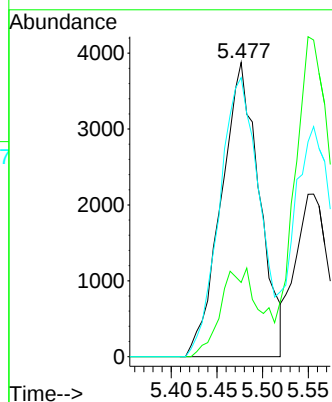
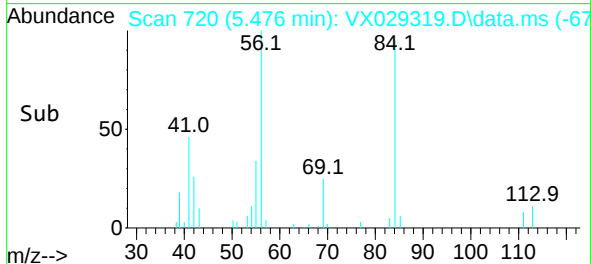


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 5.476 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

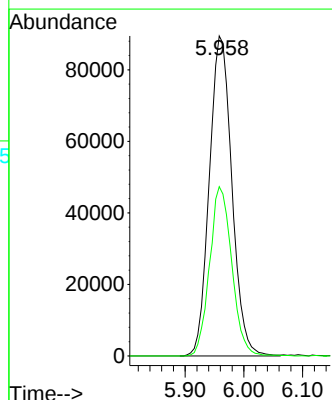
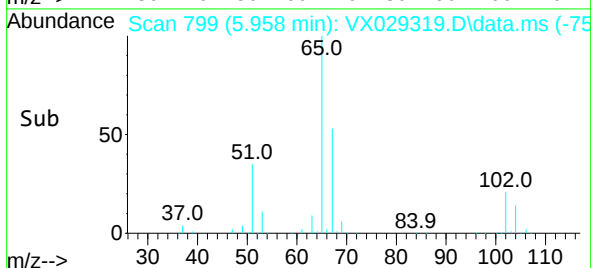
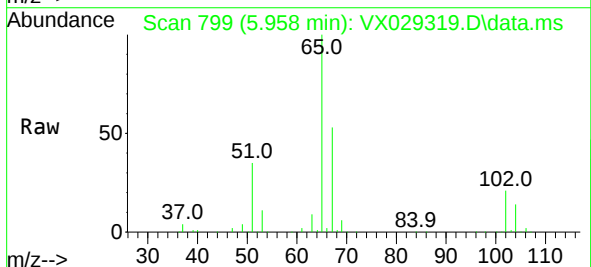


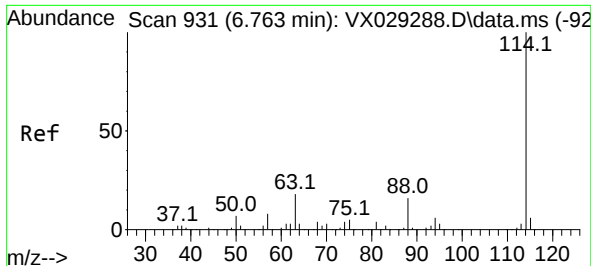
Tgt Ion: 56 Resp: 11239
Ion Ratio Lower Upper
56 100
69 25.2 26.7 40.1#
84 94.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 53.171 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 65 Resp: 238741
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

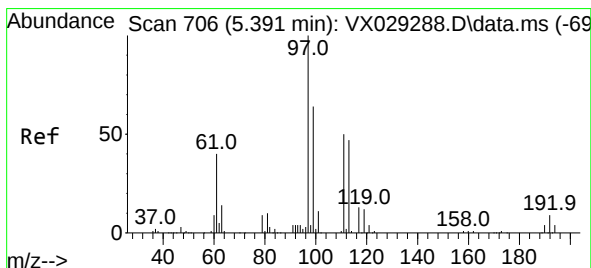
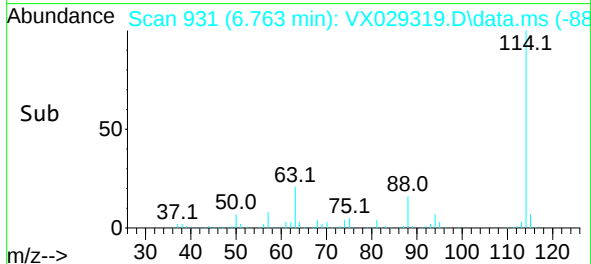
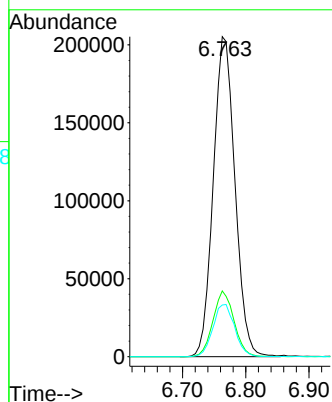
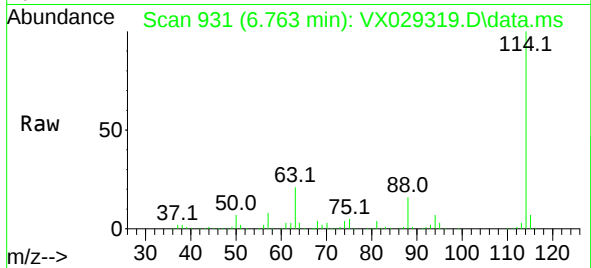




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

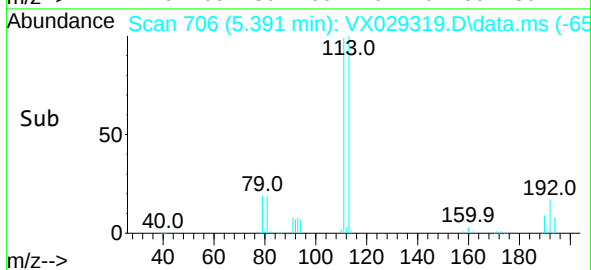
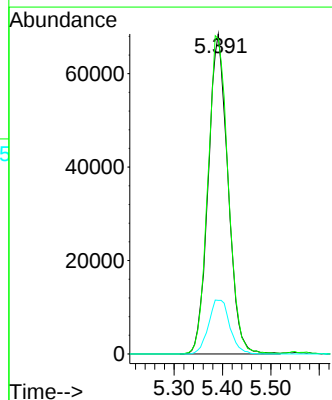
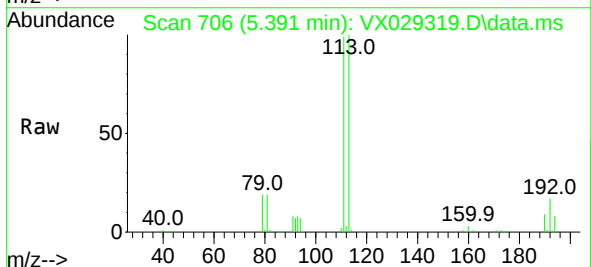
Instrument :
MSVOA_X
ClientSampleId :

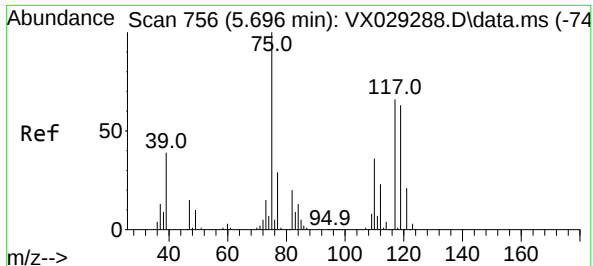
Tgt Ion:114 Resp: 487974
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.758 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion:113 Resp: 193974
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.490 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029319.D

Acq: 08 Jun 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

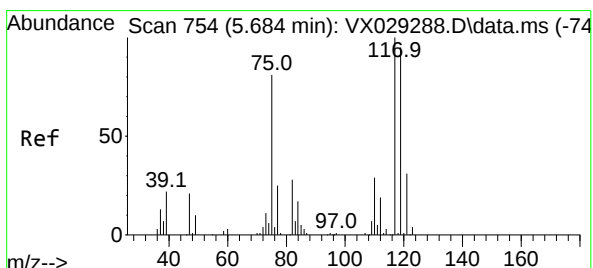
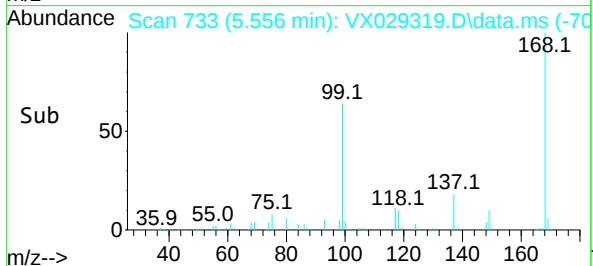
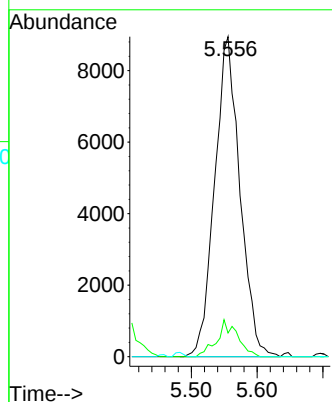
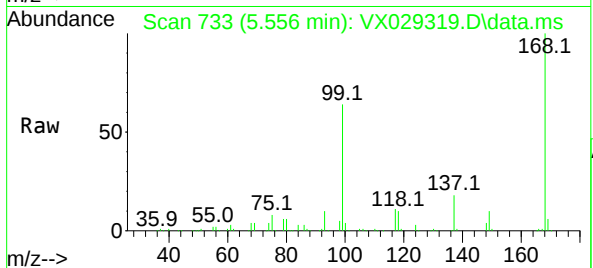
Tgt Ion: 75 Resp: 23915

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 4.586 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029319.D

Acq: 08 Jun 2022 14:27

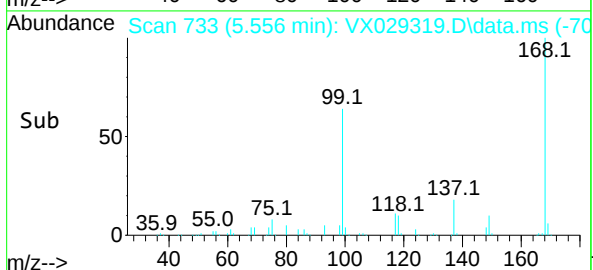
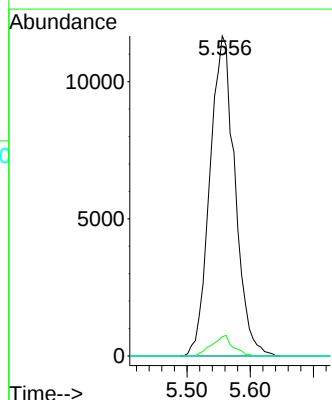
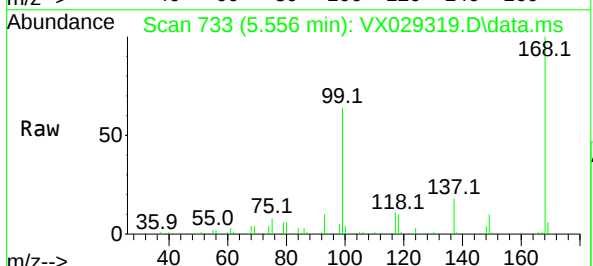
Tgt Ion: 117 Resp: 32124

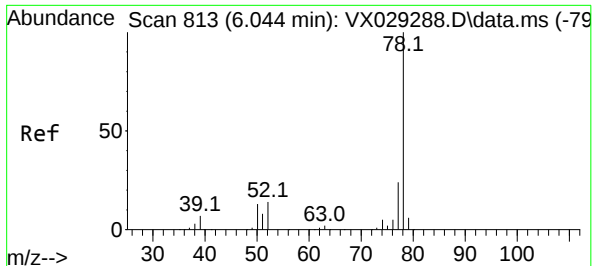
Ion Ratio Lower Upper

117 100

119 6.0 77.3 115.9#

121 0.0 24.2 36.2#

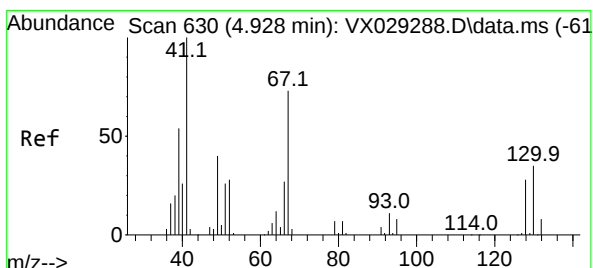
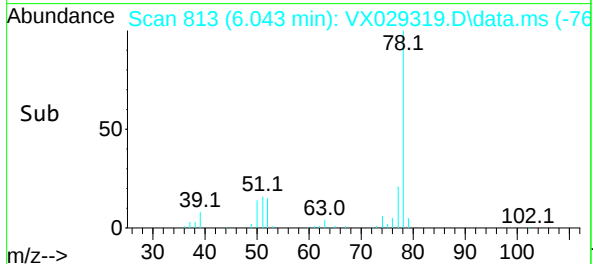
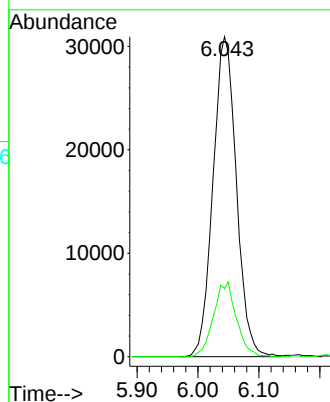
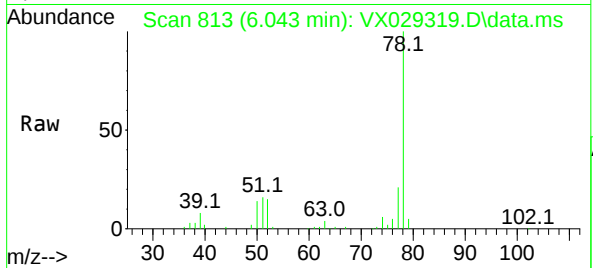




#40
Benzene
Concen: 4.035 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

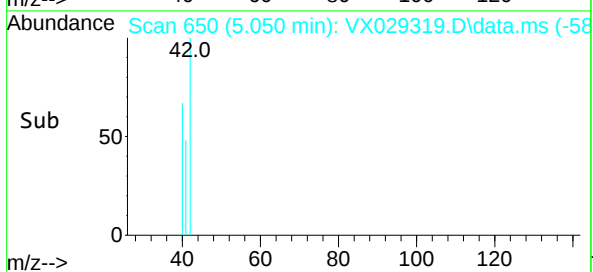
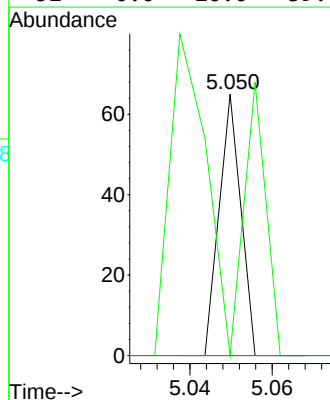
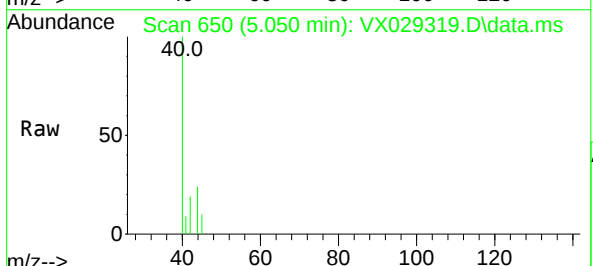
Instrument :
MSVOA_X
ClientSampleId :

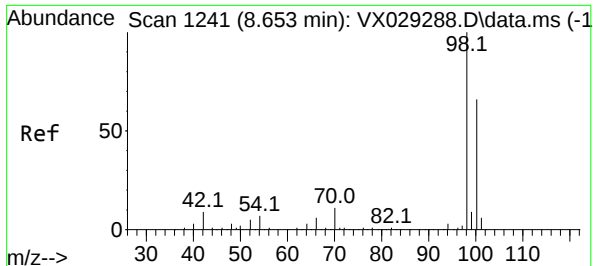
Tgt Ion: 78 Resp: 82326
Ion Ratio Lower Upper
78 100
77 21.3 19.3 28.9



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 41 Resp: 24
Ion Ratio Lower Upper
41 100
39 204.2 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

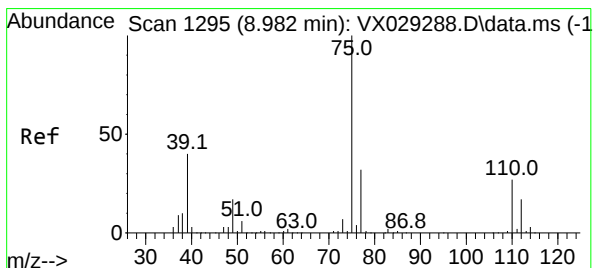
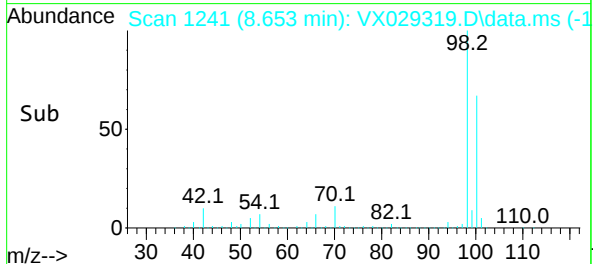
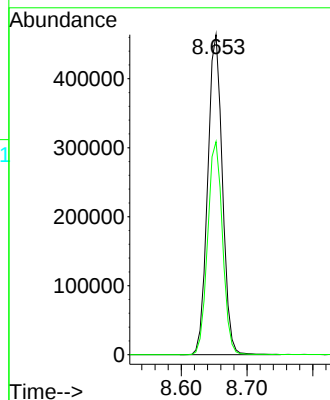
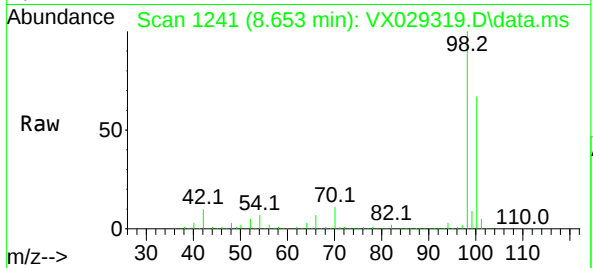




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

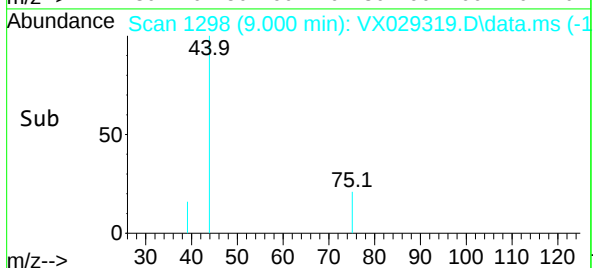
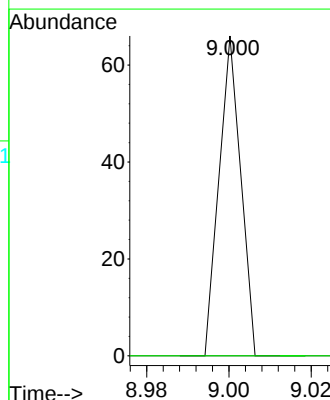
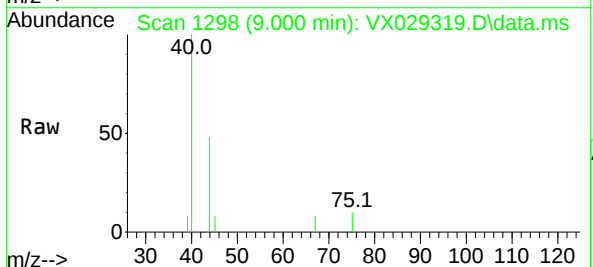
Instrument :
MSVOA_X
ClientSampleId :

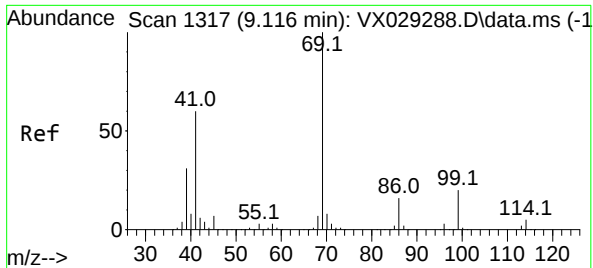
Tgt Ion: 98 Resp: 721464
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.320 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

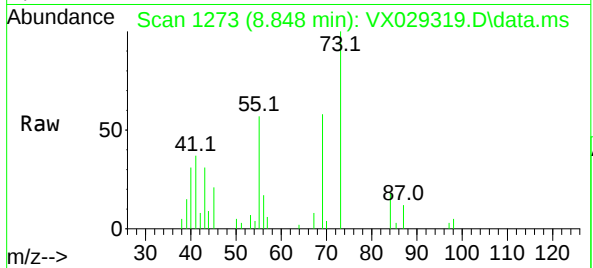
Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



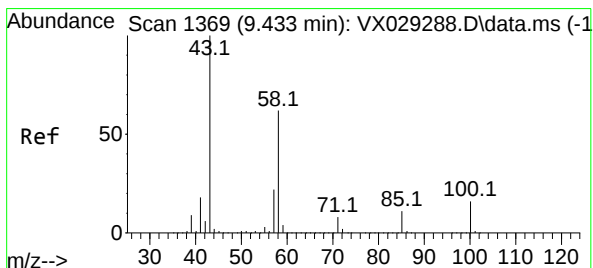
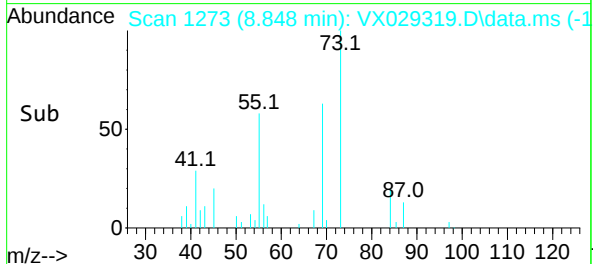
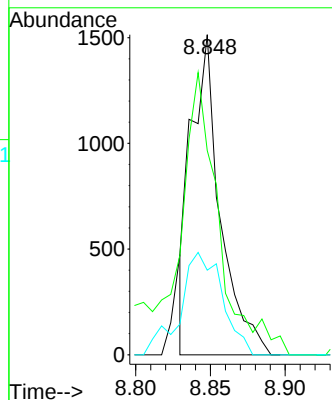


#56
Ethyl methacrylate
Concen: 0.266 ug/l
RT: 8.848 min Scan# 11
Delta R.T. -0.268 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

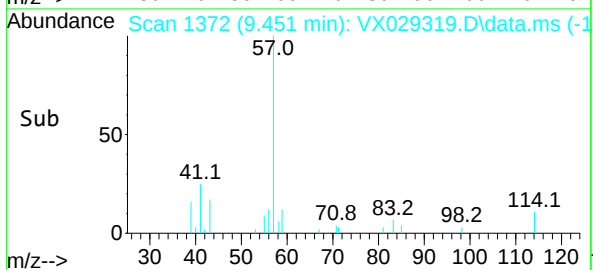
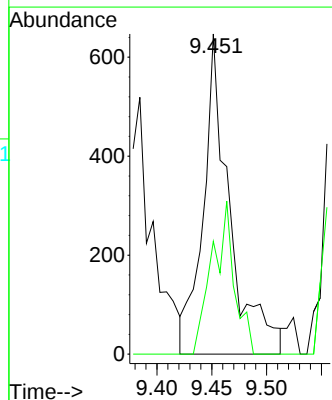
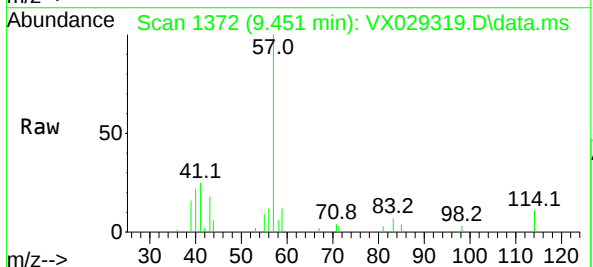


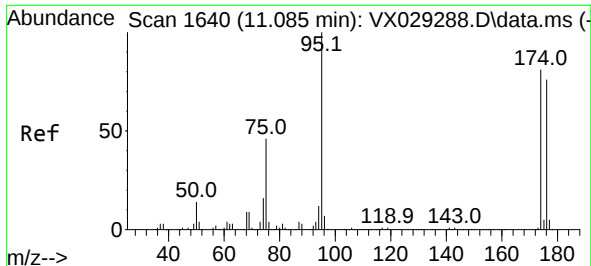
Tgt Ion: 69 Resp: 2052
Ion Ratio Lower Upper
69 100
41 93.2 43.8 65.6#
39 38.2 22.2 33.2#



#59
2-Hexanone
Concen: 0.206 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 40.4 31.9 95.7

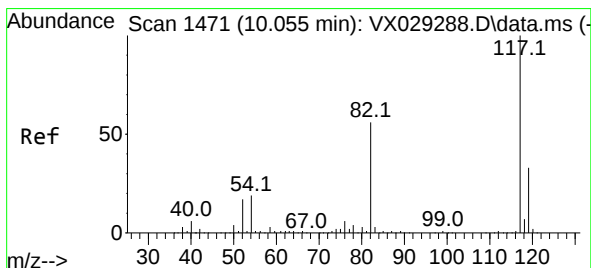
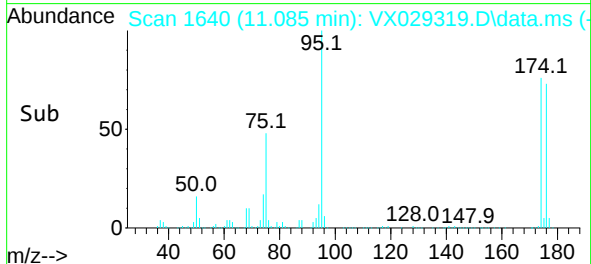
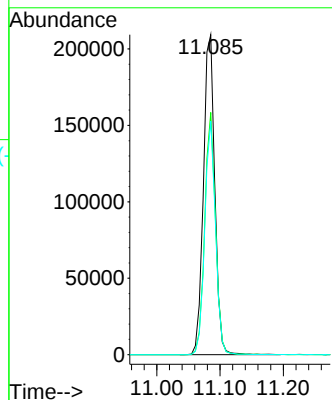
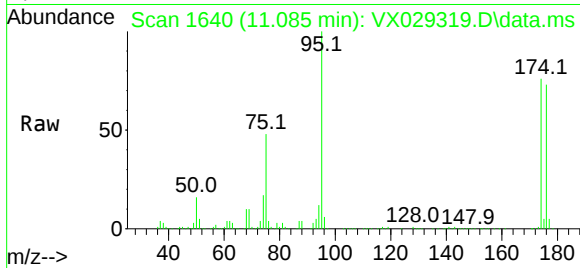




#62
4-Bromofluorobenzene
Concen: 45.709 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

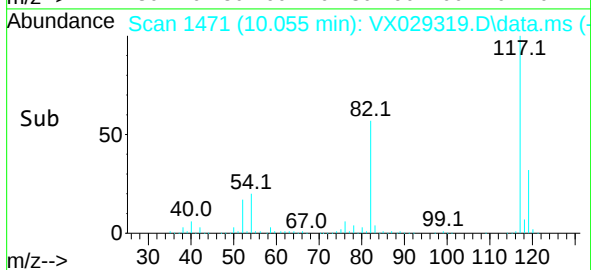
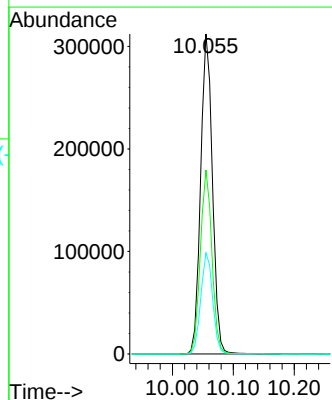
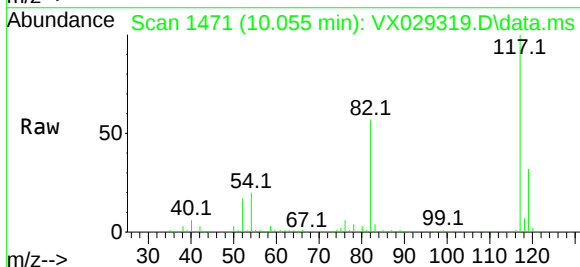
Instrument :
MSVOA_X
ClientSampleId :

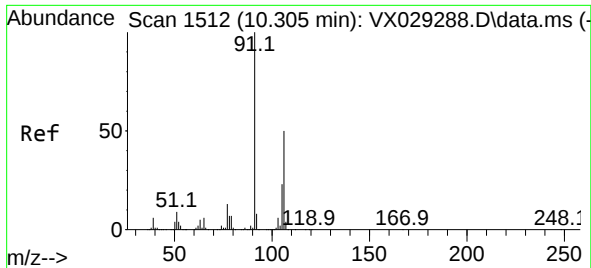
Tgt Ion: 95 Resp: 262445
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 68.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 117 Resp: 419785
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 31.5 24.8 37.2

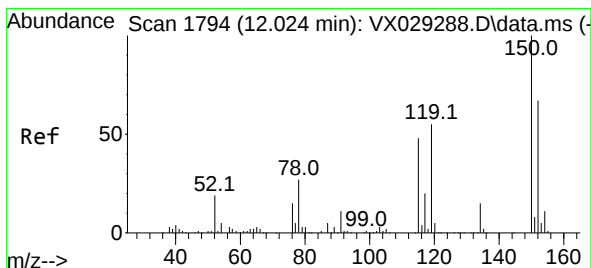
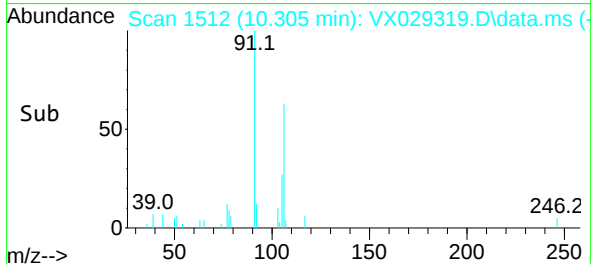
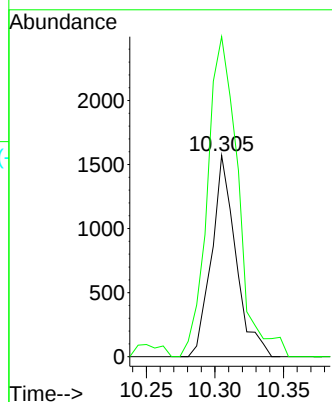
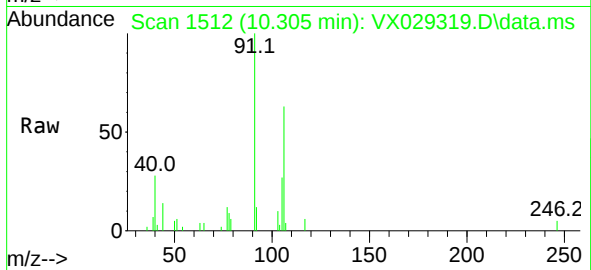




#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

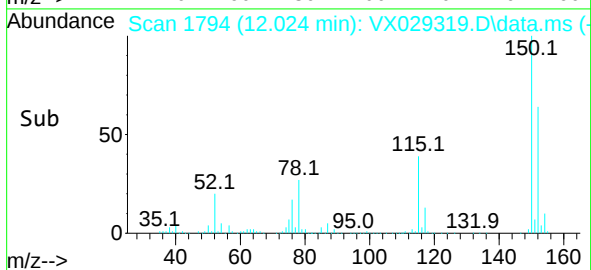
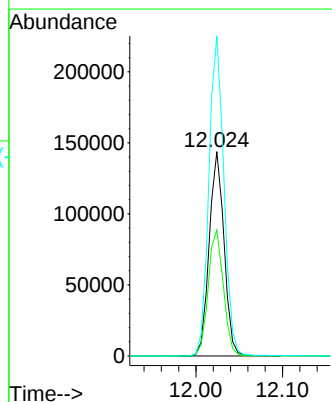
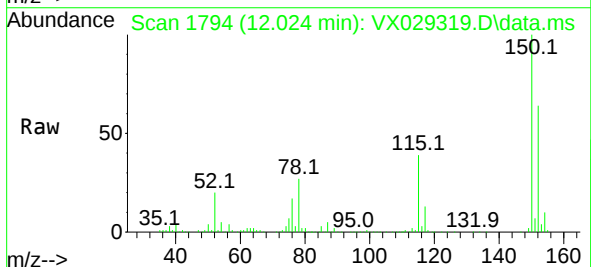
Instrument :
MSVOA_X
ClientSampleId :

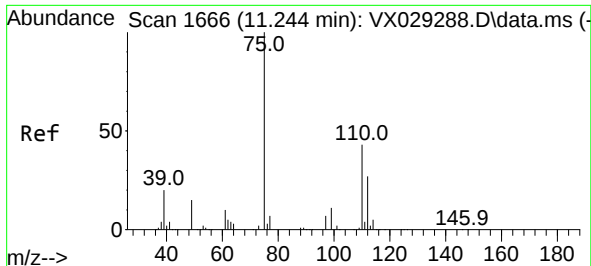
Tgt Ion:106 Resp: 1924
Ion Ratio Lower Upper
106 100
91 202.2 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion:152 Resp: 171392
Ion Ratio Lower Upper
152 100
115 63.1 37.5 112.7
150 158.2 0.0 338.2

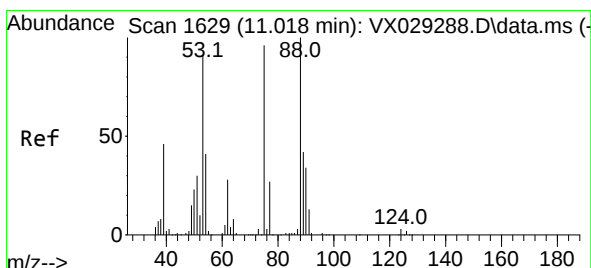
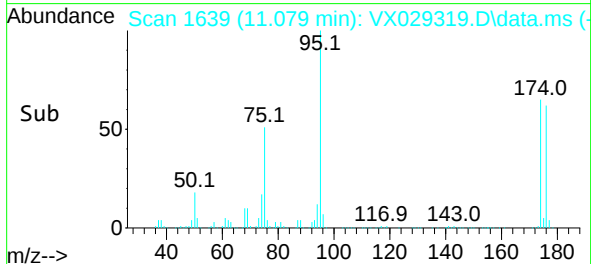
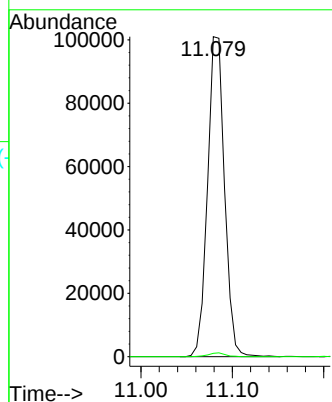
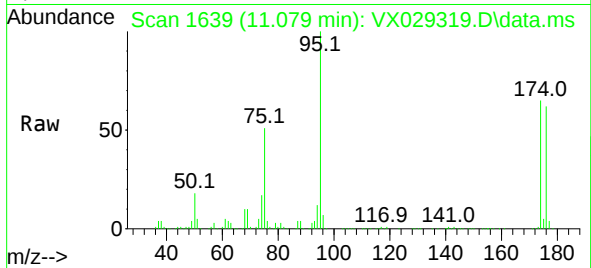




#76
1,2,3-Trichloropropane
Concen: 32.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 130120
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029319.D
Acq: 08 Jun 2022 14:27

Tgt Ion: 75 Resp: 130120
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

