

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029334.D
 Acq On : 08 Jun 2022 20:17
 Operator : JC/MD
 Sample : N3175-20 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 07:02:24 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)

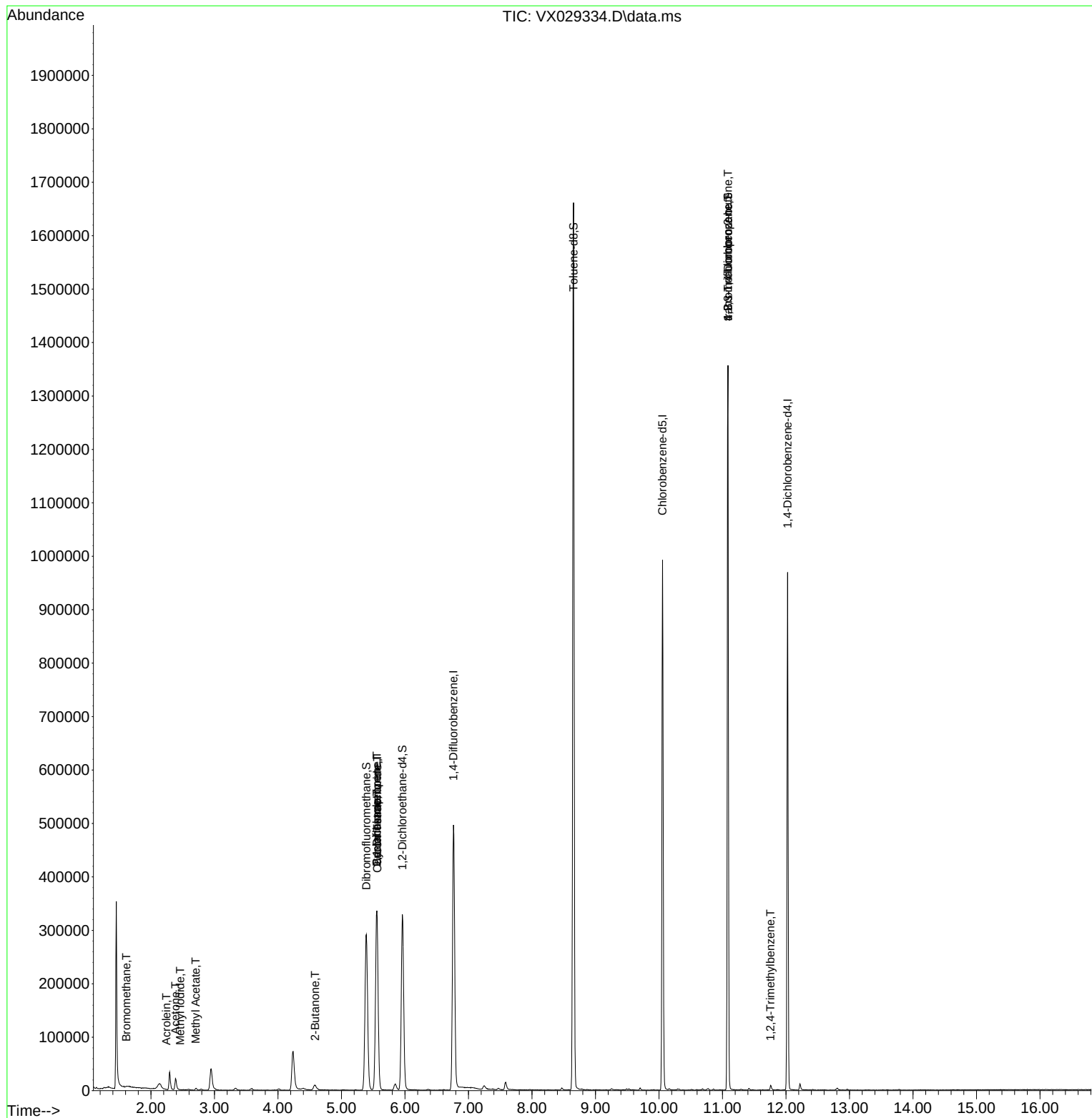
Internal Standards						
1) Pentafluorobenzene	5.556	168	313793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	520949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	317906	67.156	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 134.320%	
35) Dibromofluoromethane	5.391	113	262320	59.230	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 118.460%	
50) Toluene-d8	8.653	98	989528	63.174	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 126.340%#	
62) 4-Bromofluorobenzene	11.086	95	381348	62.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 124.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	668	0.226	ug/l	100
6) Chloroethane	1.715	64	613	Below Cal	#	43
10) Methyl Iodide	2.459	142	261	1.278	ug/l	# 41
11) Tert butyl alcohol	2.941	59	28685	Below Cal	#	76
13) Acrolein	2.240	56	375	0.647	ug/l	# 67
16) Acetone	2.386	43	23081	9.092	ug/l	94
18) Methyl Acetate	2.703	43	4269	0.635	ug/l	# 88
25) 2-Butanone	4.587	43	5497	1.369	ug/l	99
31) Cyclohexane	5.556	56	6413	0.754	ug/l	# 46
36) 1,1-Dichloropropene	5.556	75	25177	3.441	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	34008	4.548	ug/l	# 16
41) Methacrylonitrile	4.910	41	62	Below Cal	#	32
76) 1,2,3-Trichloropropane	11.086	75	191487	42.308	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.086	75	191487	127.982	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.756	105	2836	0.222	ug/l	# 32

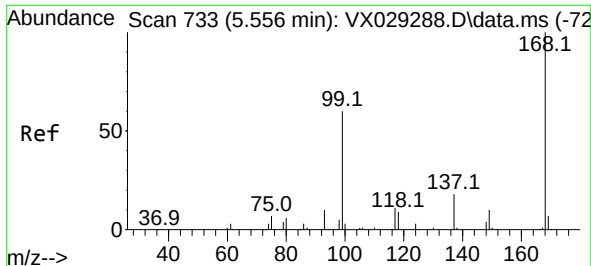
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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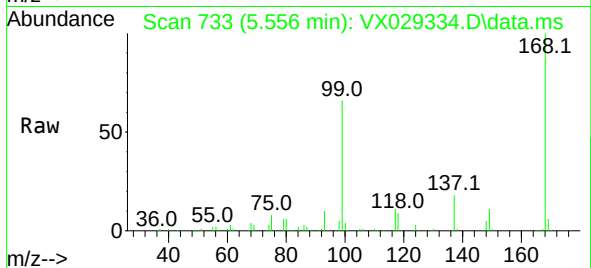
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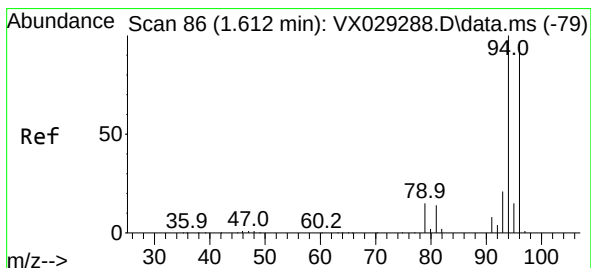
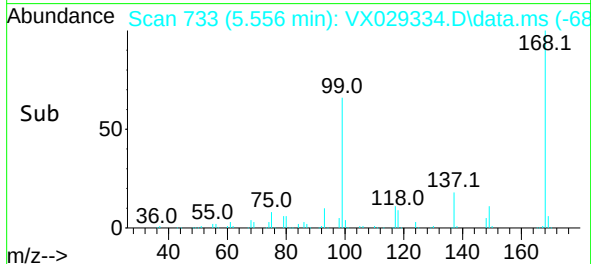
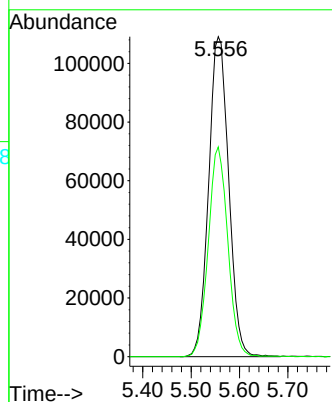


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :

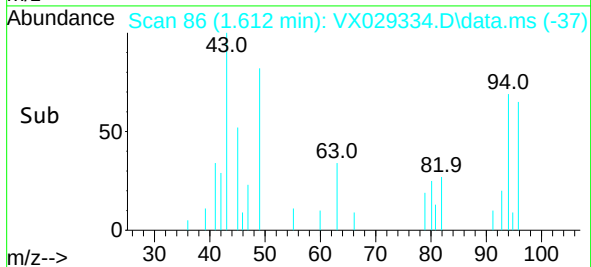
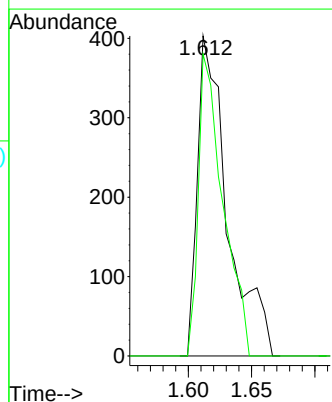
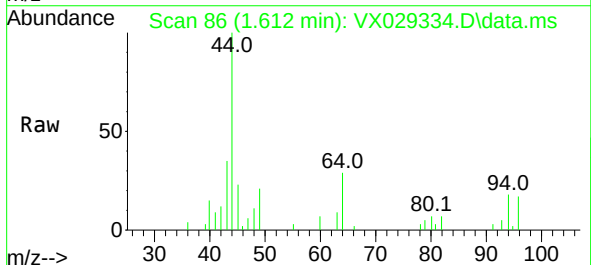


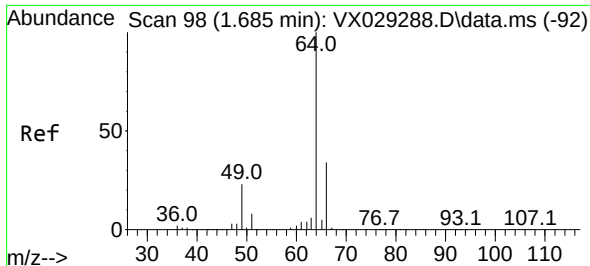
Tgt Ion:168 Resp: 313793
Ion Ratio Lower Upper
168 100
99 65.6 41.7 62.5#



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Tgt Ion: 94 Resp: 668
Ion Ratio Lower Upper
94 100
96 94.3 75.3 112.9

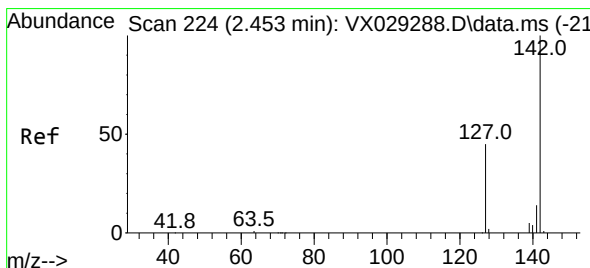
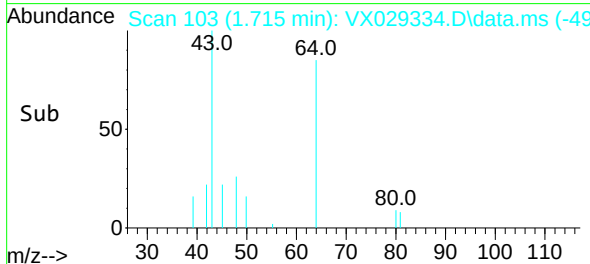
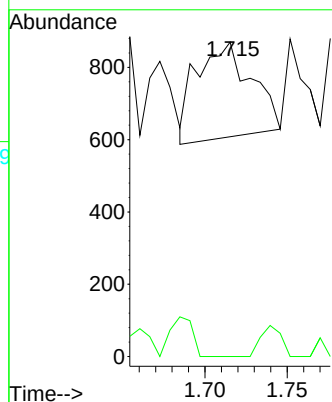
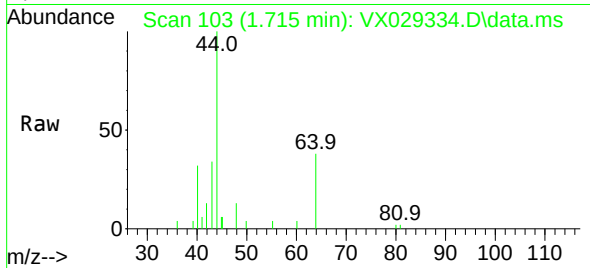




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

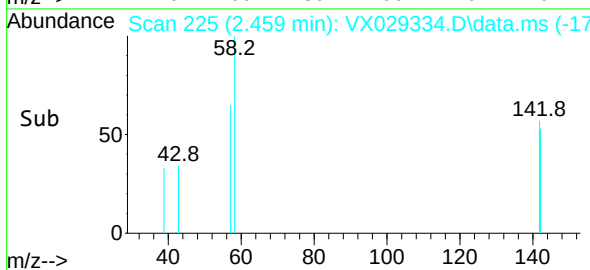
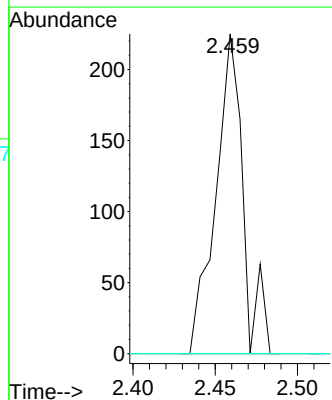
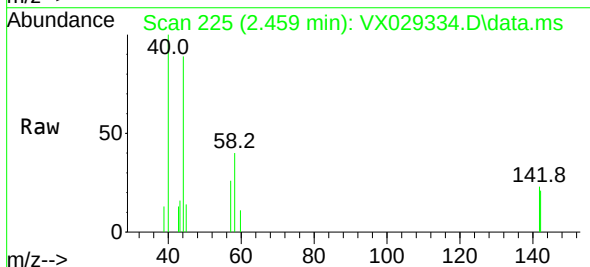
Instrument :
MSVOA_X
ClientSampleId :

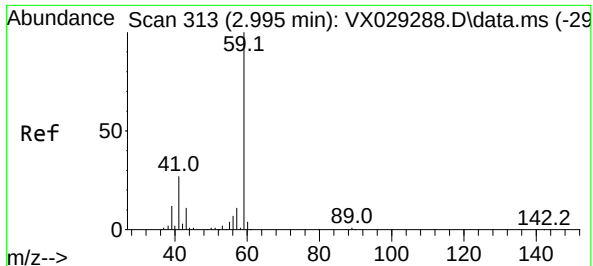
Tgt Ion: 64 Resp: 613
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.278 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Tgt Ion: 142 Resp: 261
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.054 min

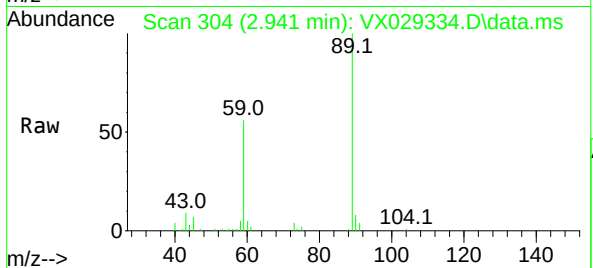
Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

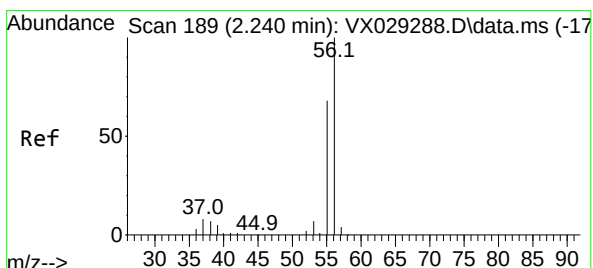
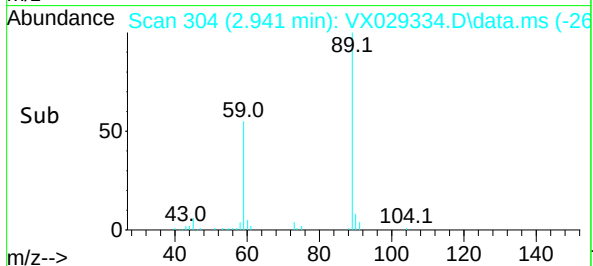
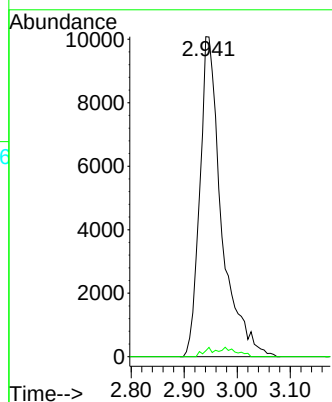


Tgt Ion: 59 Resp: 28685

Ion Ratio Lower Upper

59 100

57 1.6 8.3 12.5#



#13

Acrolein

Concen: 0.647 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX029334.D

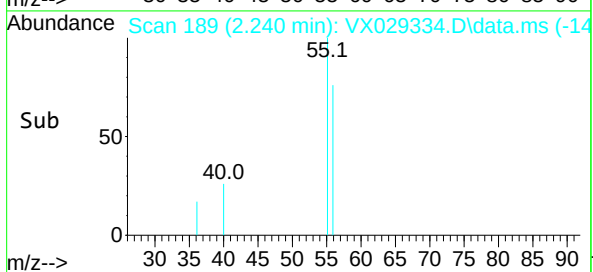
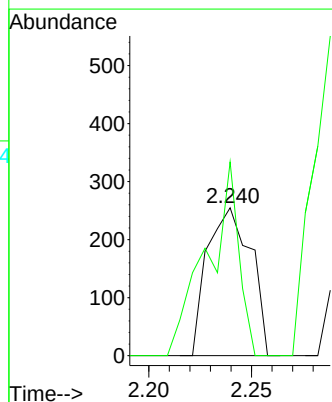
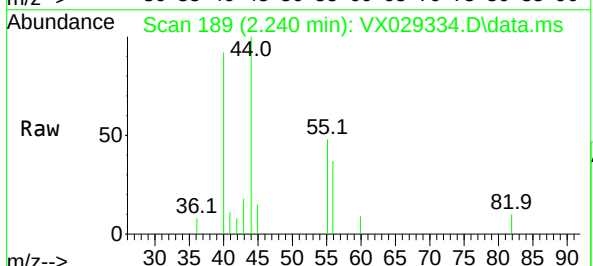
Acq: 08 Jun 2022 20:17

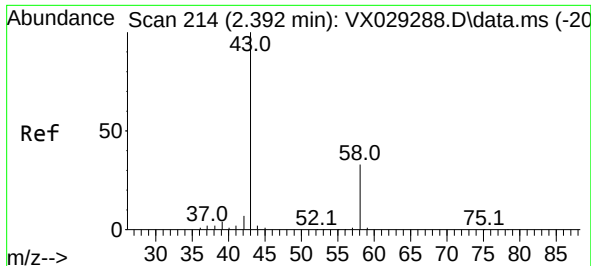
Tgt Ion: 56 Resp: 375

Ion Ratio Lower Upper

56 100

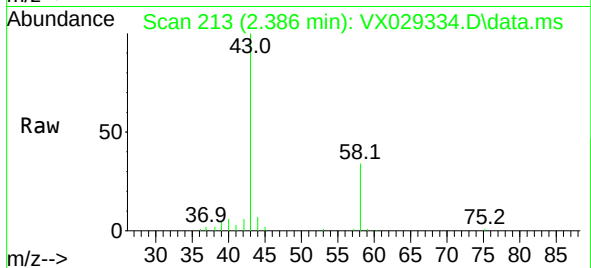
55 96.0 55.0 82.6#



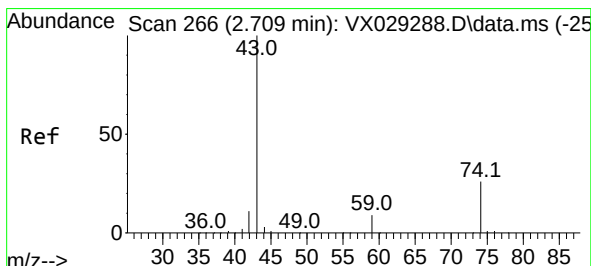
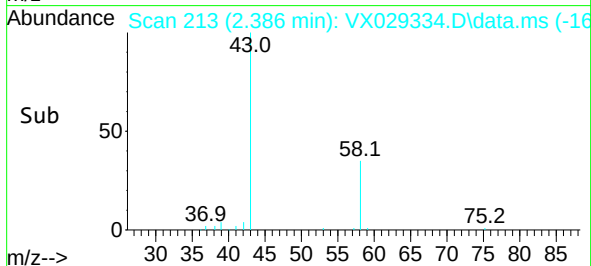
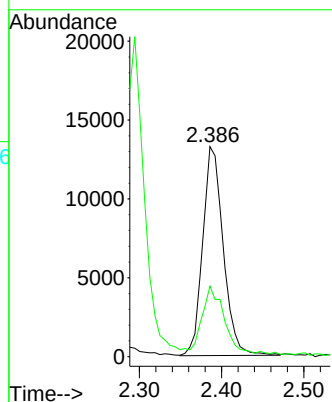


#16
Acetone
Concen: 9.092 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :

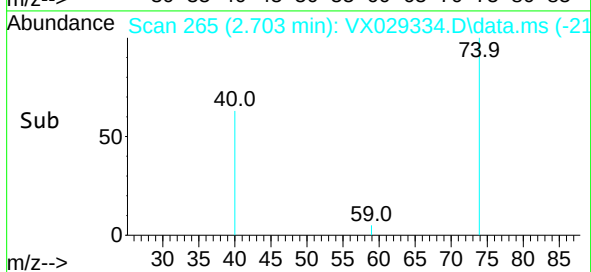
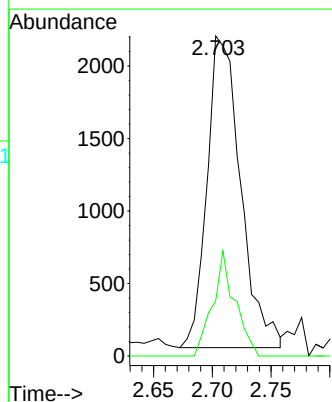
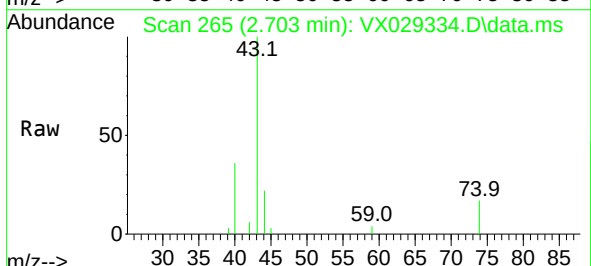


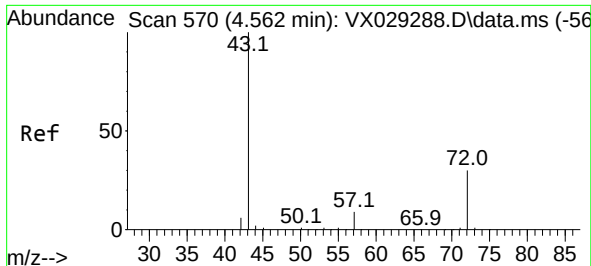
Tgt Ion: 43 Resp: 23081
Ion Ratio Lower Upper
43 100
58 32.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.635 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Tgt Ion: 43 Resp: 4269
Ion Ratio Lower Upper
43 100
74 22.3 22.8 34.2#





#25

2-Butanone

Concen: 1.369 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

Instrument :

MSVOA_X

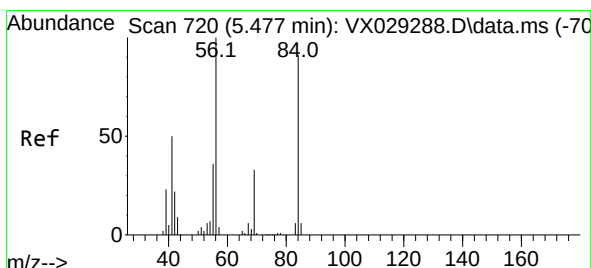
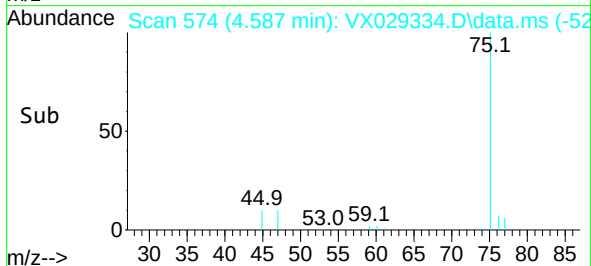
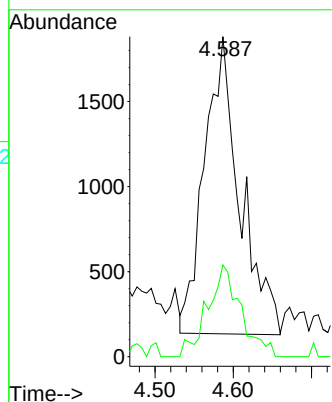
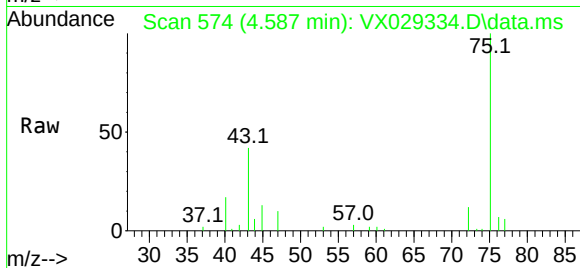
ClientSampleId :

Tgt Ion: 43 Resp: 5497

Ion Ratio Lower Upper

43 100

72 31.0 24.4 36.6



#31

Cyclohexane

Concen: 0.754 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

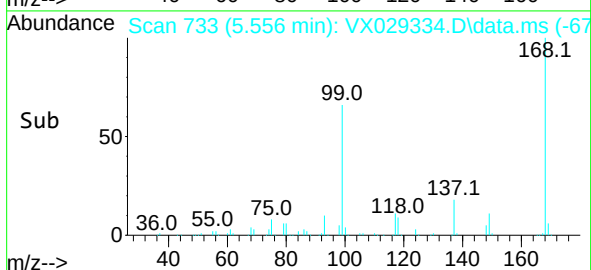
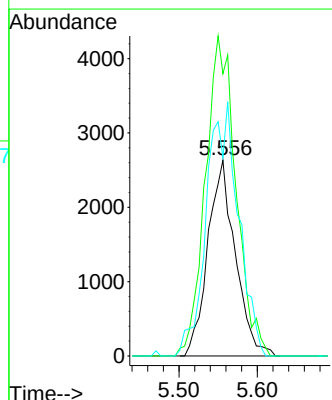
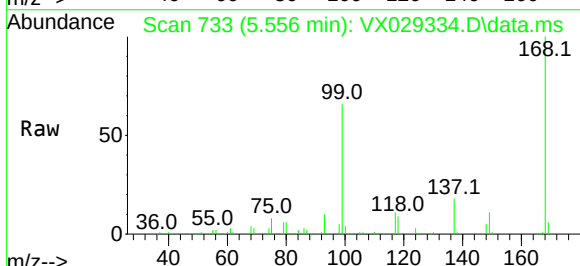
Tgt Ion: 56 Resp: 6413

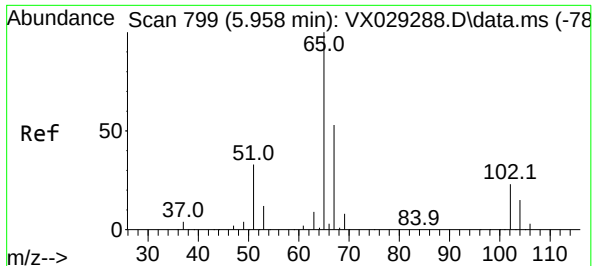
Ion Ratio Lower Upper

56 100

69 144.3 26.7 40.1#

84 101.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 67.156 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

Instrument :

MSVOA_X

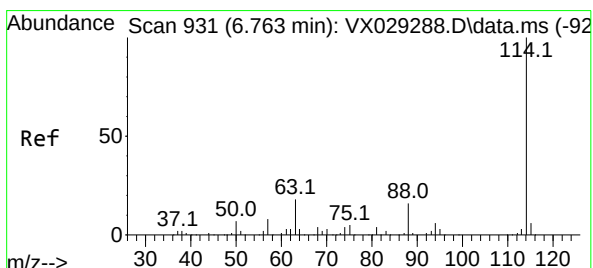
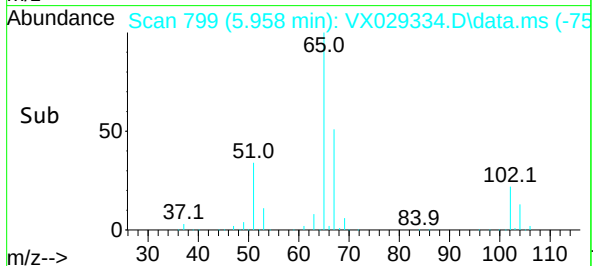
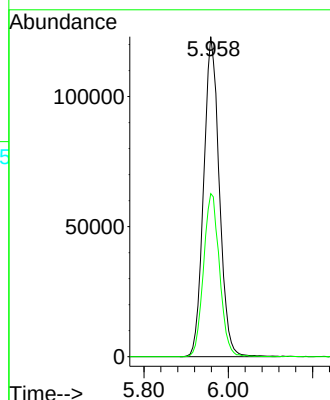
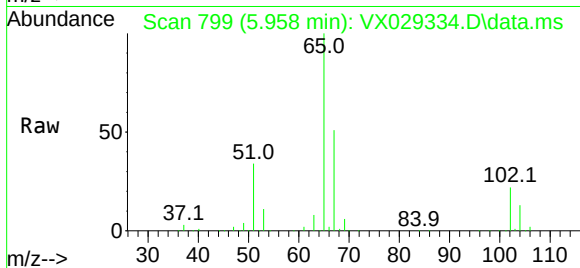
ClientSampleId :

Tgt Ion: 65 Resp: 317906

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# 931

Delta R.T. 0.000 min

Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

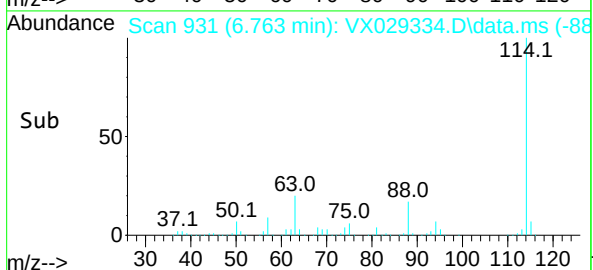
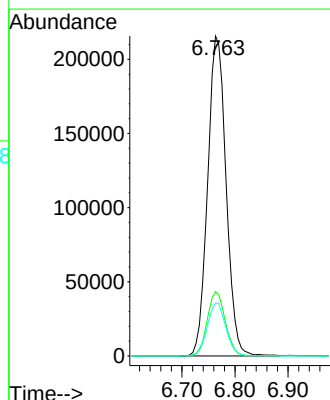
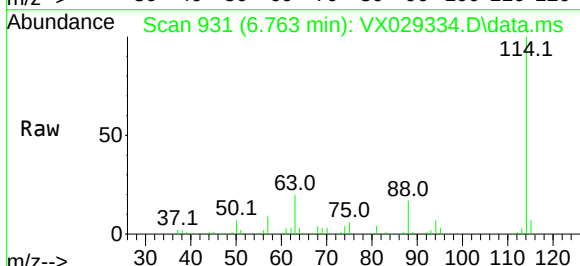
Tgt Ion: 114 Resp: 520949

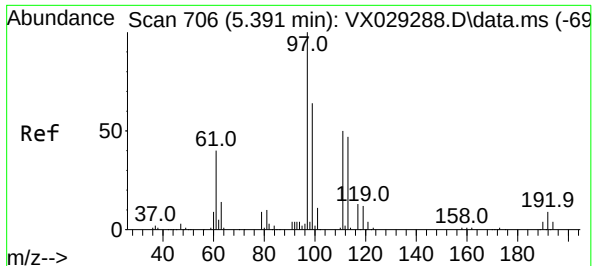
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 59.230 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

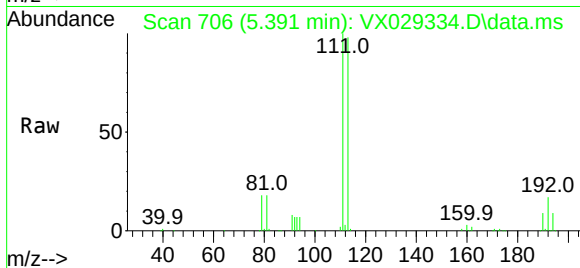
Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

Instrument :

MSVOA_X

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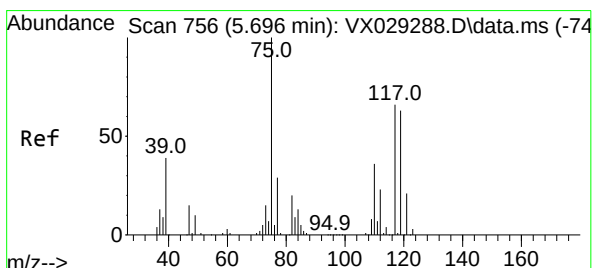
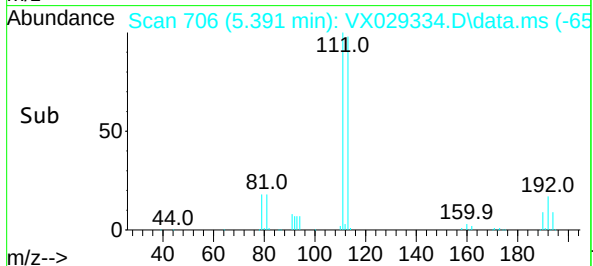
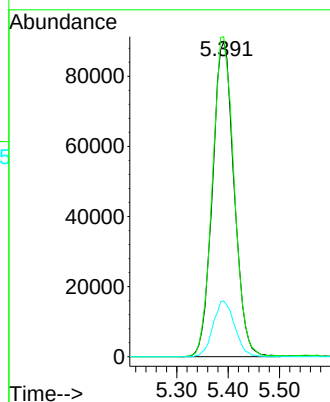
Tgt Ion:113 Resp: 262320

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 17.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.441 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

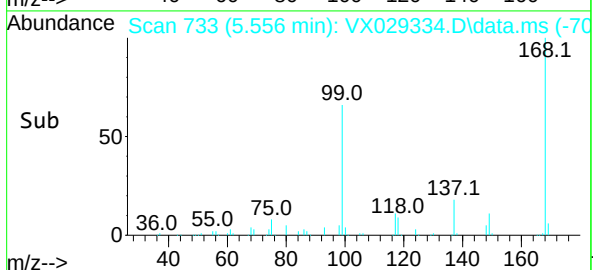
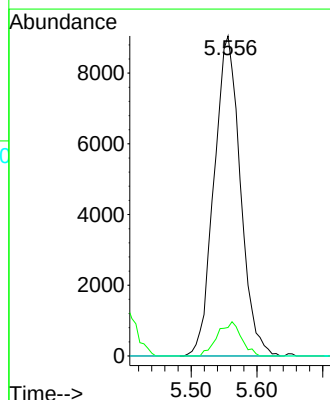
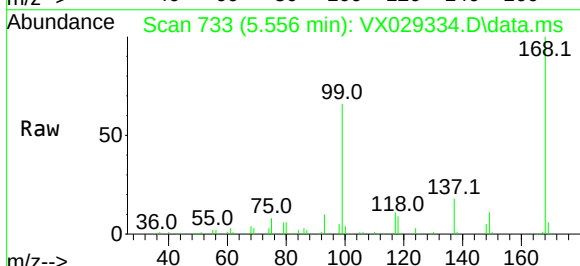
Tgt Ion: 75 Resp: 25177

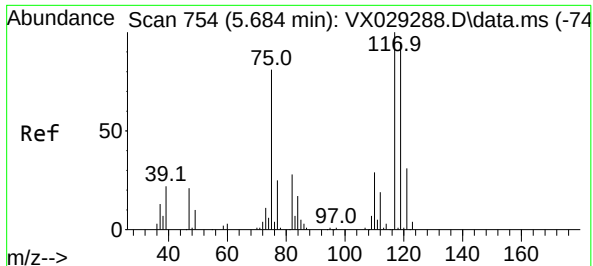
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

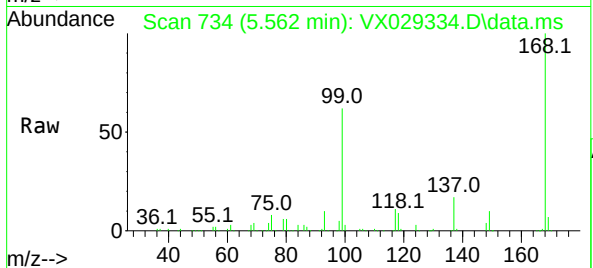
77 0.0 24.8 37.2#



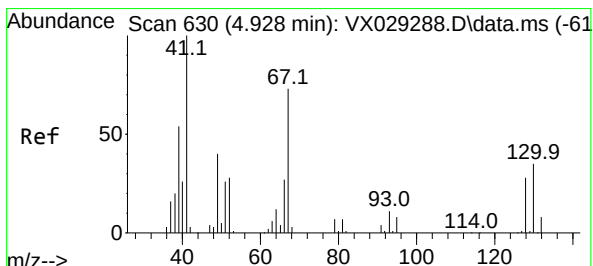
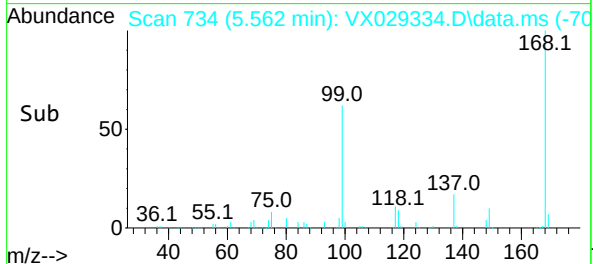
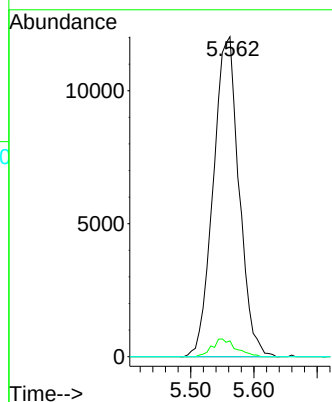


#38
Carbon Tetrachloride
Concen: 4.548 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :

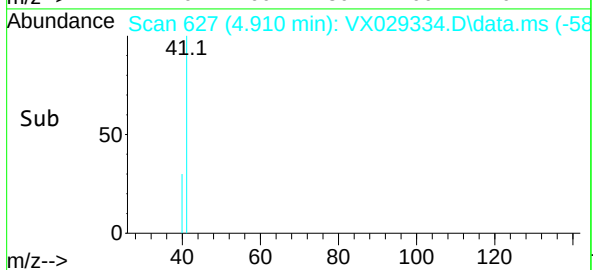
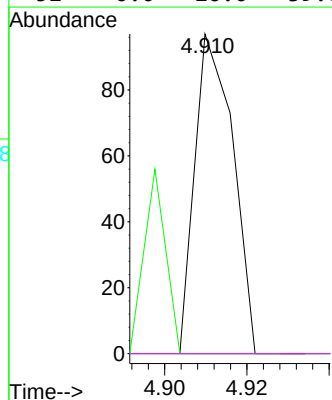
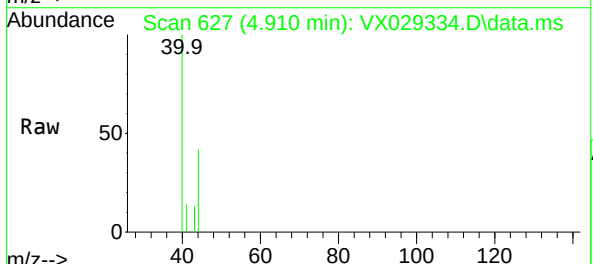


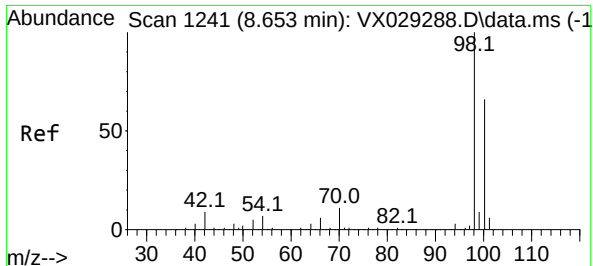
Tgt Ion:117 Resp: 34008
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.910 min Scan# 627
Delta R.T. -0.018 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 32.3 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

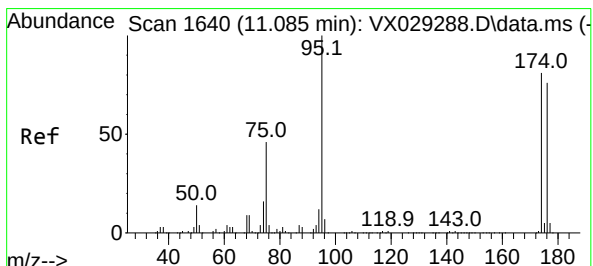
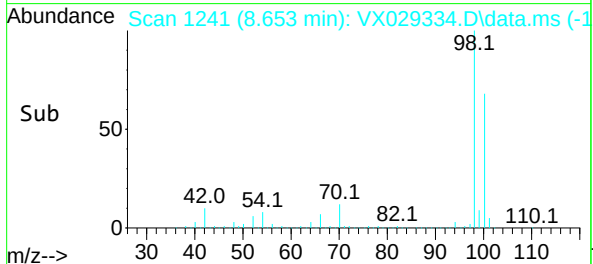
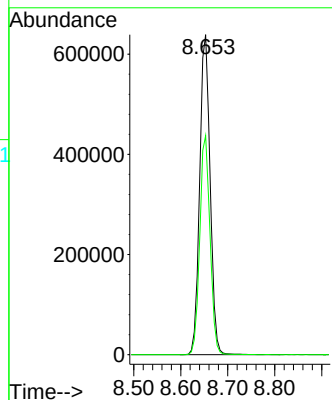
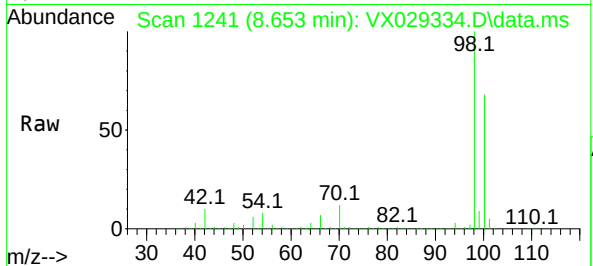




#50
Toluene-d8
Concen: 63.174 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

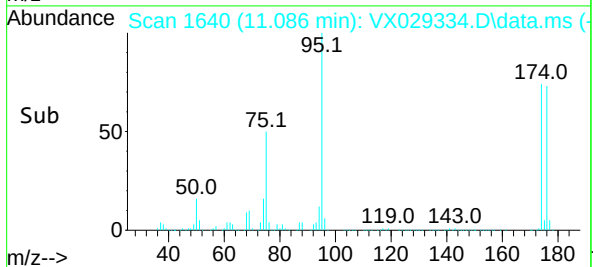
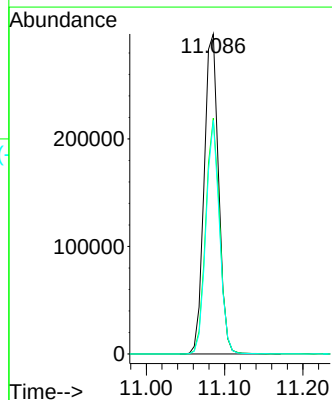
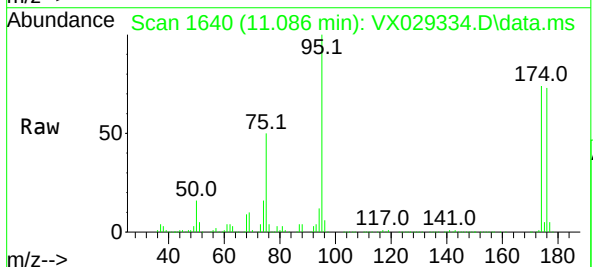
Instrument :
MSVOA_X
ClientSampleId :

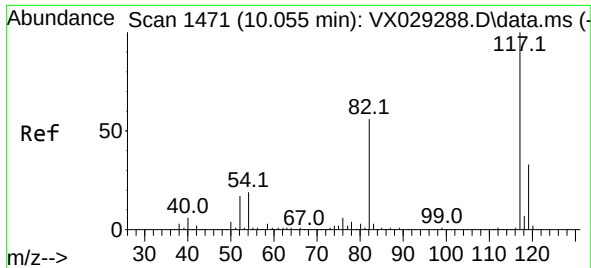
Tgt Ion: 98 Resp: 989528
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 62.214 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

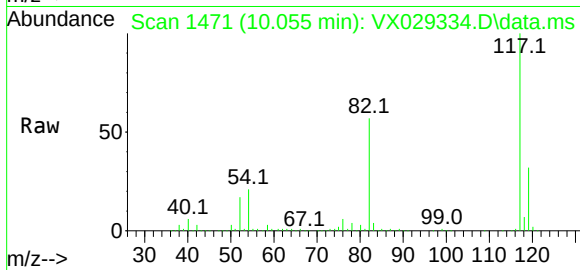
Tgt Ion: 95 Resp: 381348
Ion Ratio Lower Upper
95 100
174 70.8 0.0 163.0
176 68.1 0.0 155.0



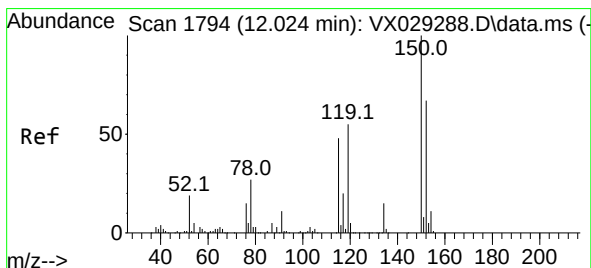
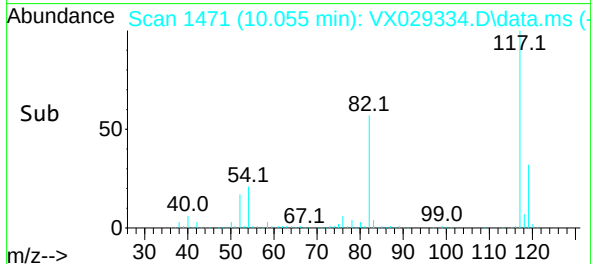
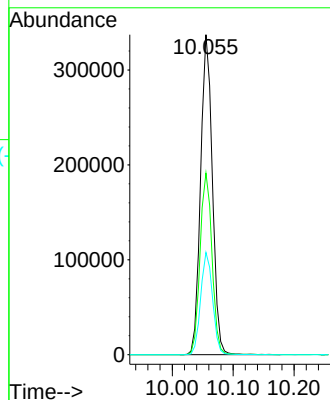


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Instrument :
MSVOA_X
ClientSampleId :

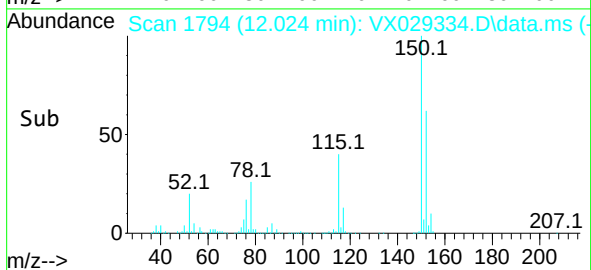
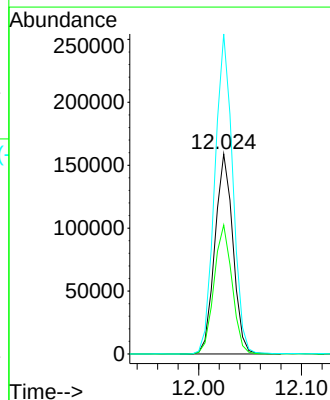
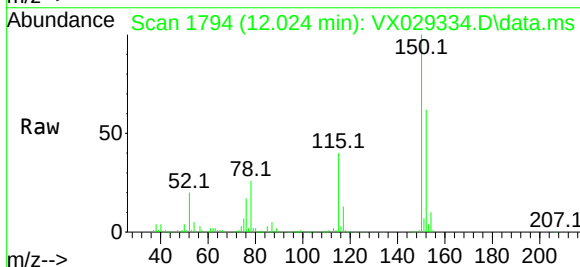


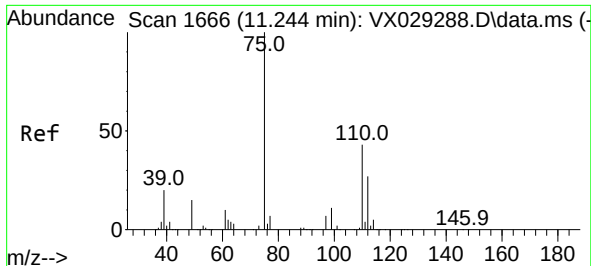
Tgt Ion:117 Resp: 451955
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Tgt Ion:152 Resp: 193773
Ion Ratio Lower Upper
152 100
115 64.3 37.5 112.7
150 159.7 0.0 338.2

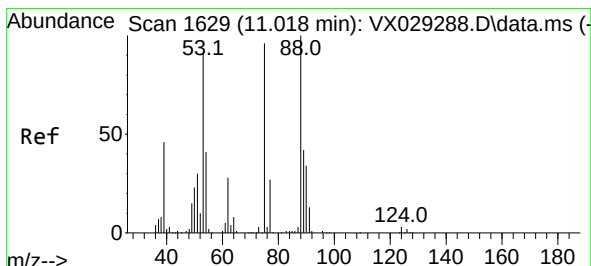
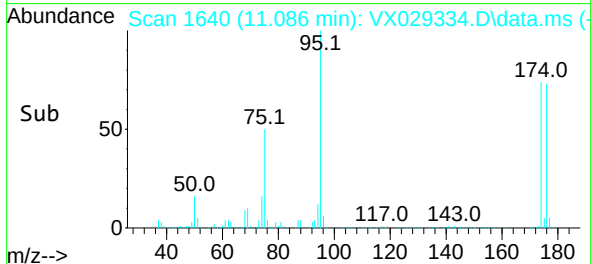
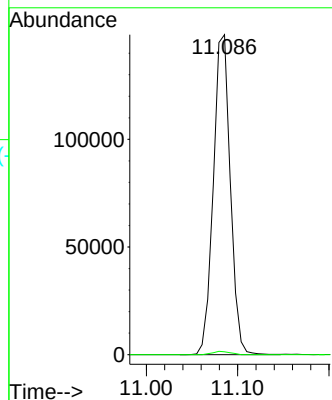
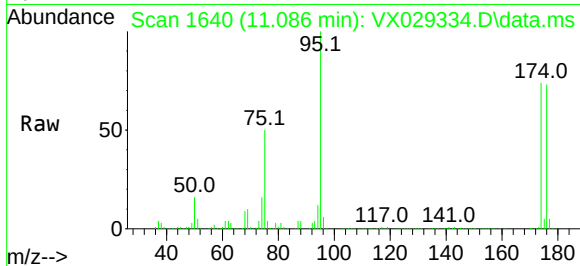




#76
1,2,3-Trichloropropane
Concen: 42.308 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

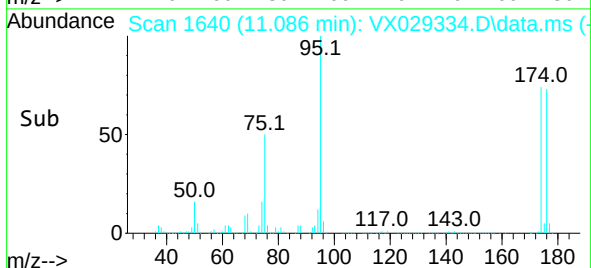
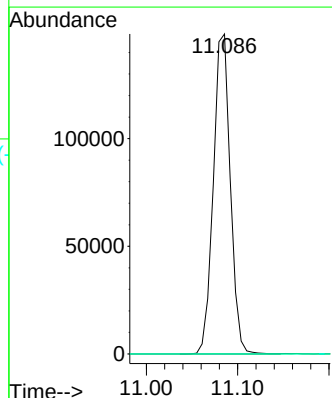
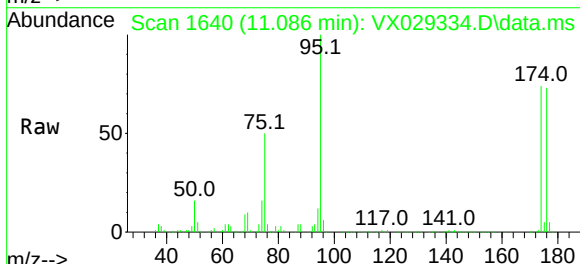
Instrument :
MSVOA_X
ClientSampleId :

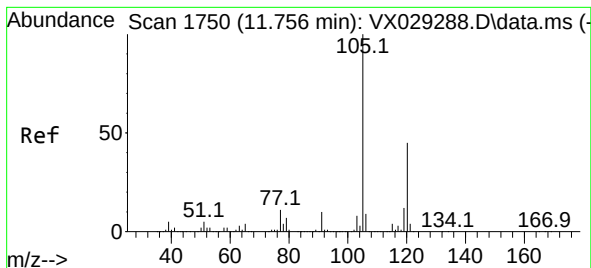
Tgt Ion: 75 Resp: 191487
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.982 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029334.D
Acq: 08 Jun 2022 20:17

Tgt Ion: 75 Resp: 191487
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.222 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.000 min

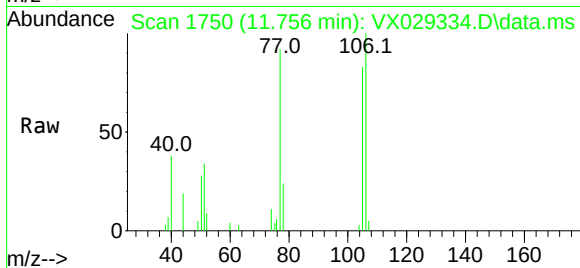
Lab File: VX029334.D

Acq: 08 Jun 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:105 Resp: 2836

Ion Ratio Lower Upper

105 100

120 0.7 22.6 67.8#

