

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029355.D
 Acq On : 09 Jun 2022 19:08
 Operator : JC/MD
 Sample : N3237-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 08:10:27 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)

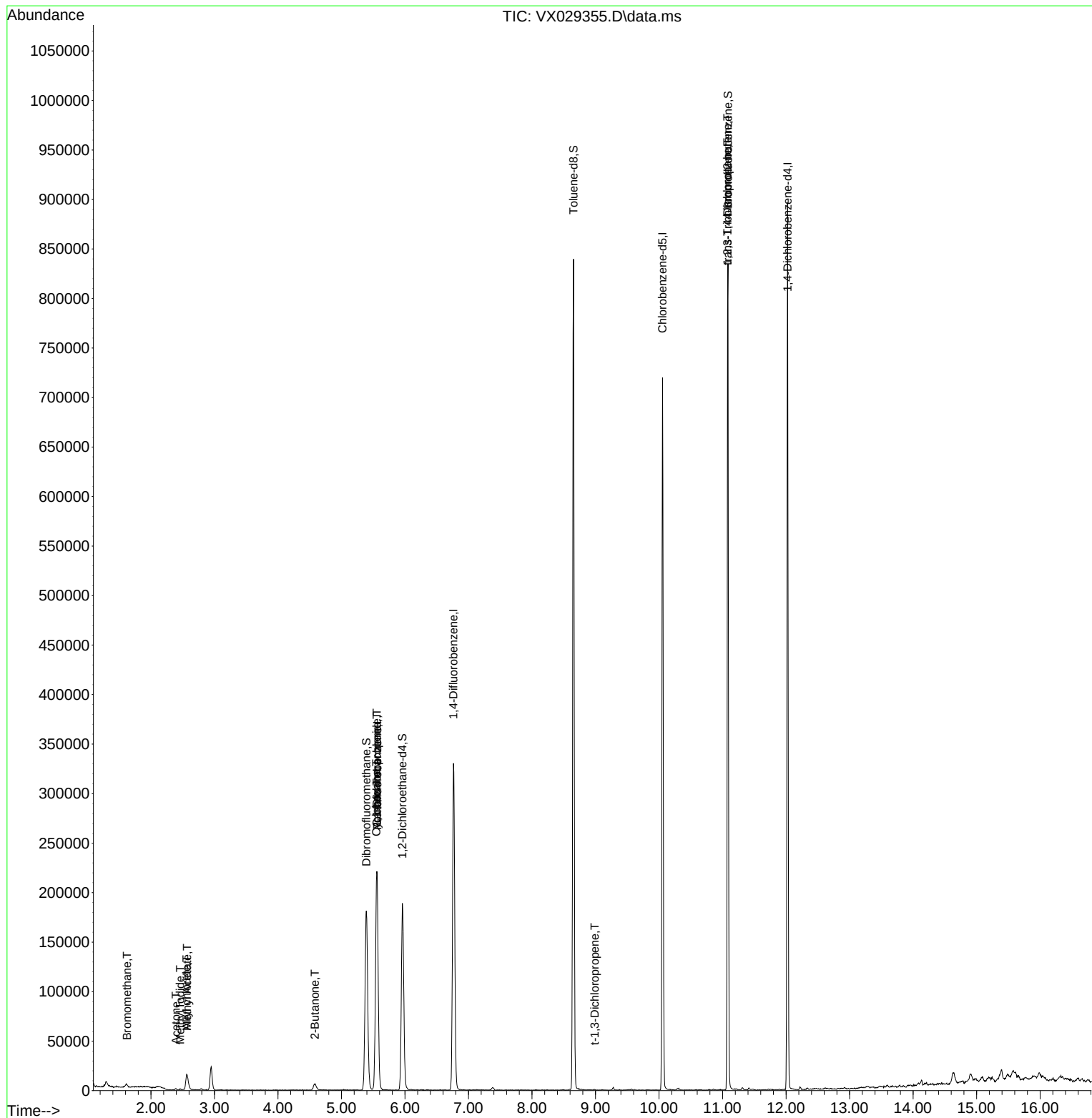
Internal Standards						
1) Pentafluorobenzene	5.562	168	209179	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	350075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184926	58.370	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.740%	
35) Dibromofluoromethane	5.391	113	163041	54.783	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.560%	
50) Toluene-d8	8.653	98	503081	47.795	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.600%	
62) 4-Bromofluorobenzene	11.085	95	239068	58.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 116.080%	
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	783	0.397	ug/l	# 74
6) Chloroethane	1.685	64	651	Below Cal		96
10) Methyl Iodide	2.459	142	1148	1.516	ug/l	# 95
11) Tert butyl alcohol	2.947	59	13986	Below Cal		# 74
14) Allyl chloride	2.563	41	2512	0.498	ug/l	# 63
16) Acetone	2.392	43	1398	0.826	ug/l	# 82
18) Methyl Acetate	2.569	43	7336	1.636	ug/l	# 46
25) 2-Butanone	4.580	43	582	0.217	ug/l	# 44
31) Cyclohexane	5.550	56	4228	0.746	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16933	3.444	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	22216	4.421	ug/l	# 15
41) Methacrylonitrile	5.001	41	42	Below Cal		# 24
53) t-1,3-Dichloropropene	8.988	75	46	1.325	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	117632	28.302	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	117632	86.343	ug/l	# 15

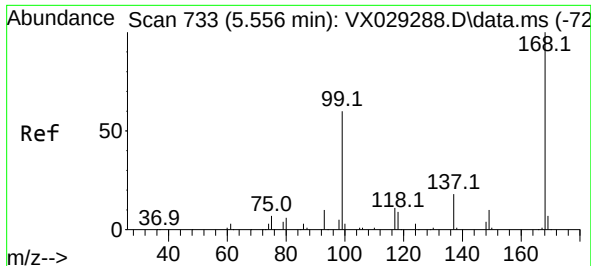
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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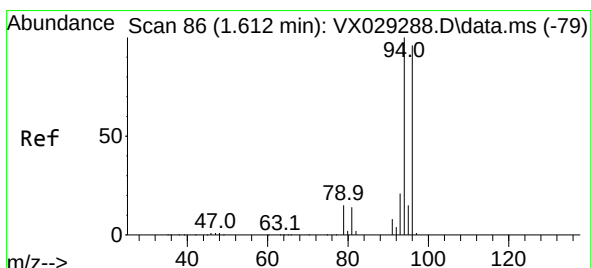
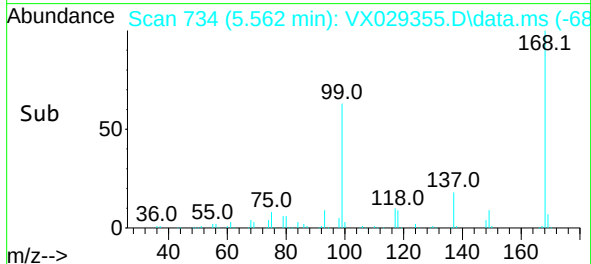
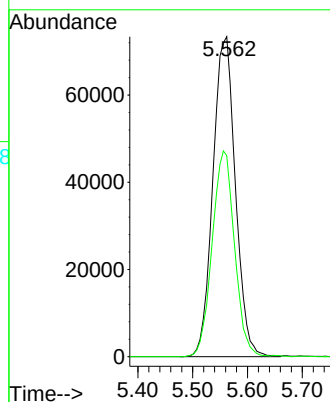
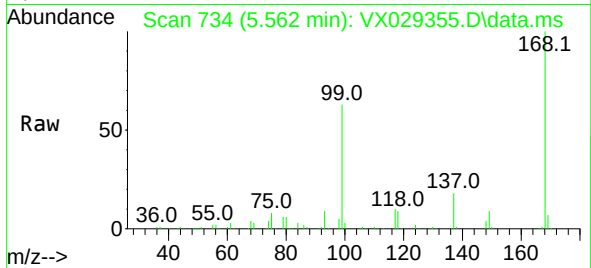




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

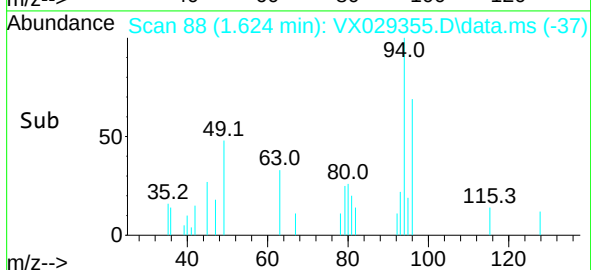
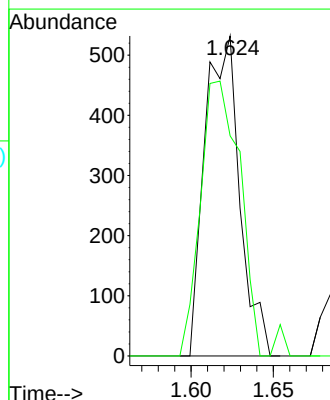
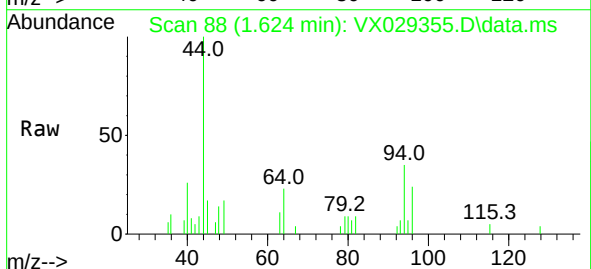
Instrument :
MSVOA_X
ClientSampleId :

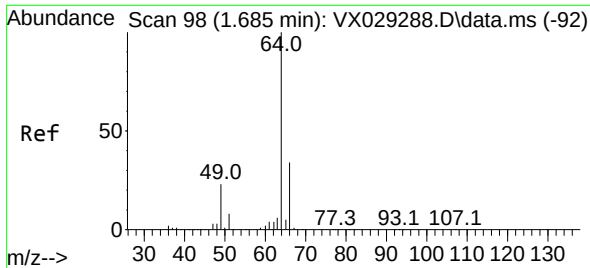
Tgt Ion:168 Resp: 209179
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#



#5
Bromomethane
Concen: 0.397 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Tgt Ion: 94 Resp: 783
Ion Ratio Lower Upper
94 100
96 68.8 75.3 112.9#

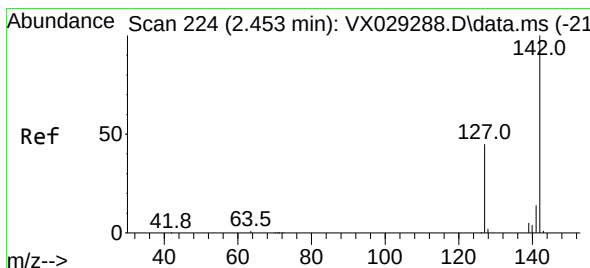
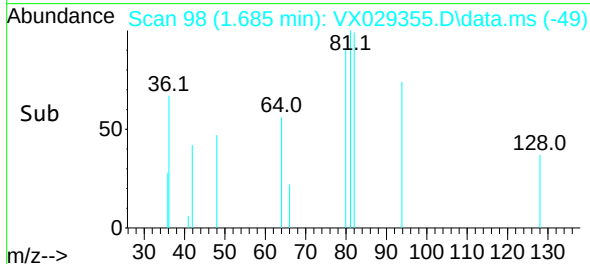
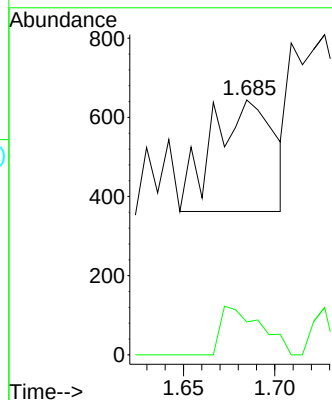
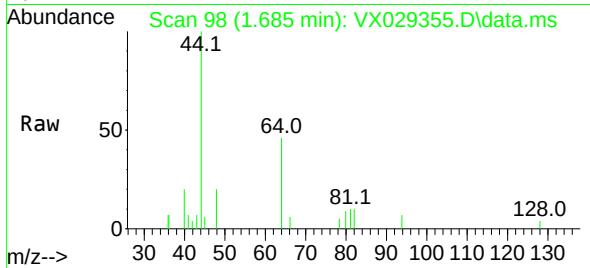




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

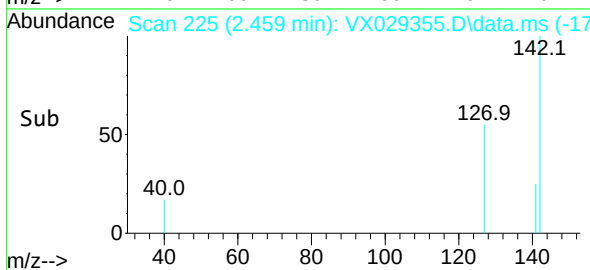
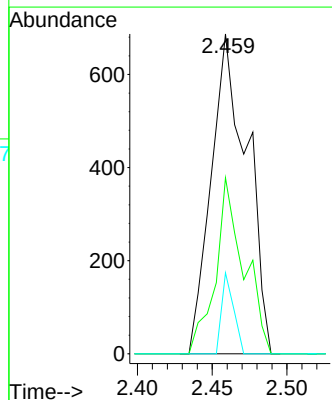
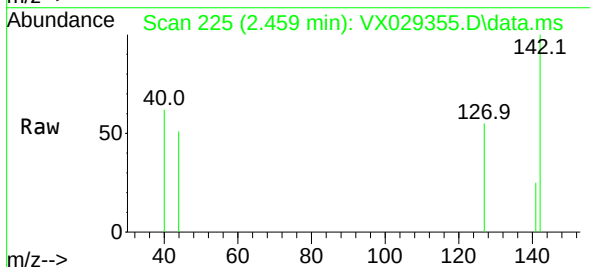
Instrument :
MSVOA_X
ClientSampleId :

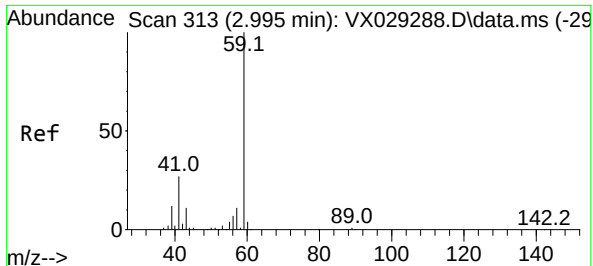
Tgt Ion: 64 Resp: 651
Ion Ratio Lower Upper
64 100
66 29.4 25.3 37.9



#10
Methyl Iodide
Concen: 1.516 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Tgt Ion: 142 Resp: 1148
Ion Ratio Lower Upper
142 100
127 43.5 33.9 50.9
141 8.4 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

Instrument :

MSVOA_X

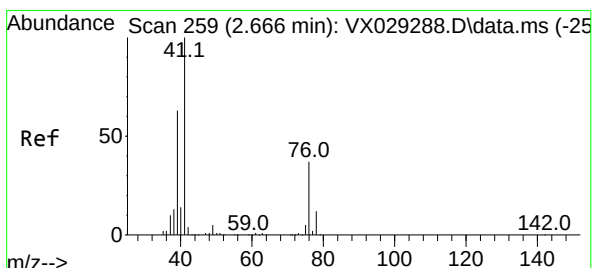
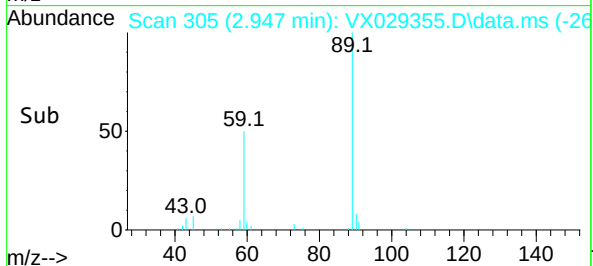
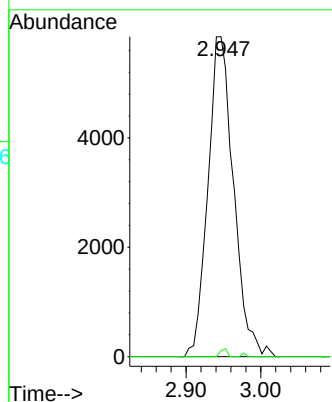
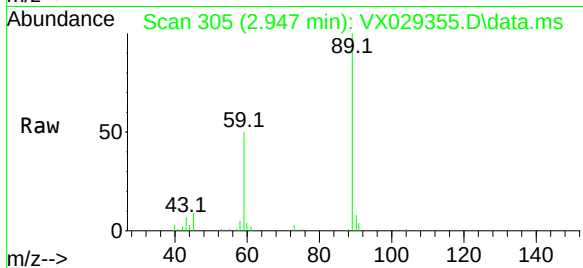
ClientSampleId :

Tgt Ion: 59 Resp: 13986

Ion Ratio Lower Upper

59 100

57 0.7 8.3 12.5#



#14

Allyl chloride

Concen: 0.498 ug/l

RT: 2.563 min Scan# 242

Delta R.T. -0.104 min

Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

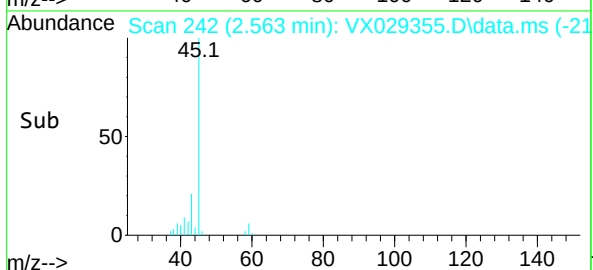
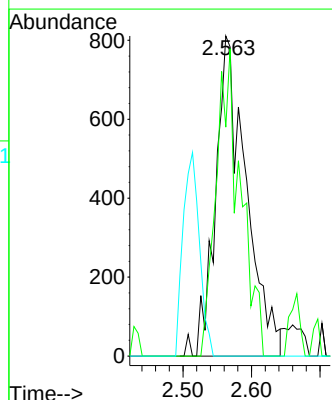
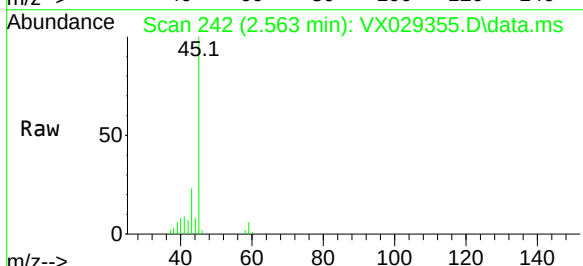
Tgt Ion: 41 Resp: 2512

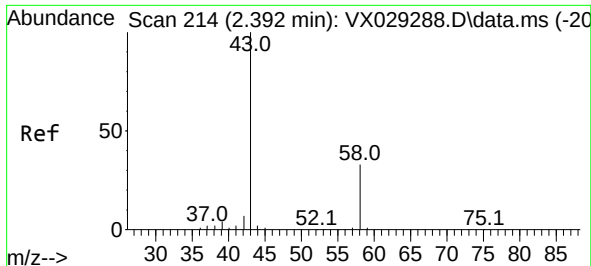
Ion Ratio Lower Upper

41 100

39 77.0 50.4 75.6#

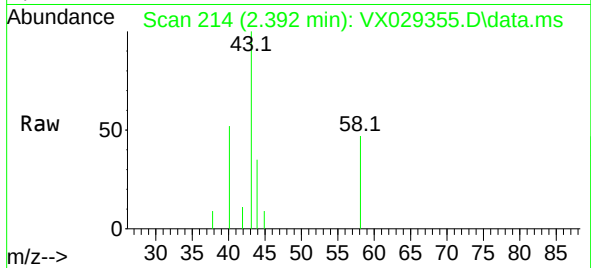
76 0.0 32.7 49.1#



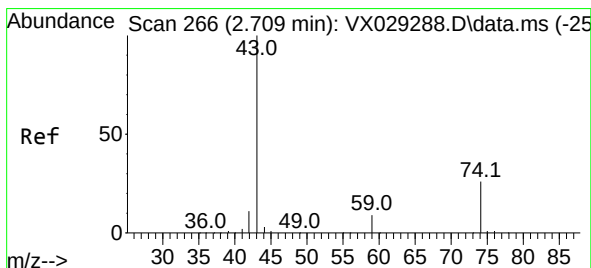
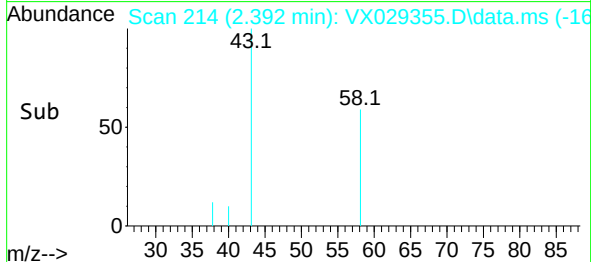
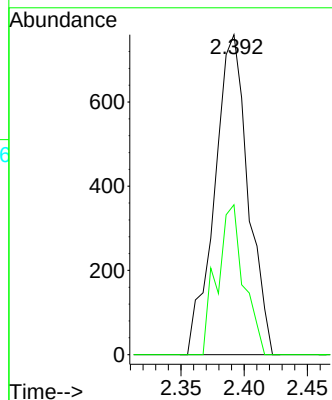


#16
Acetone
Concen: 0.826 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :

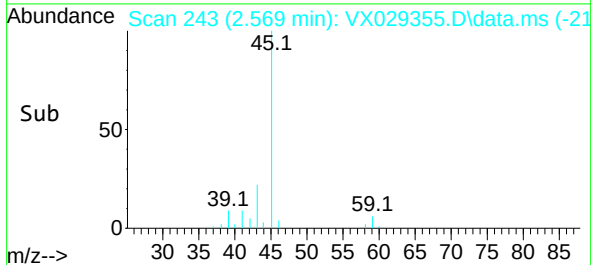
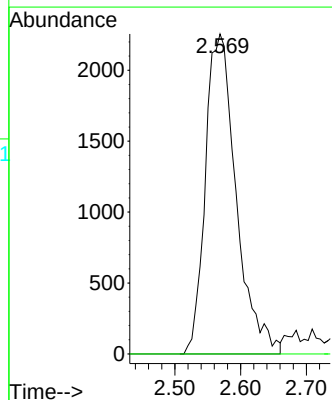
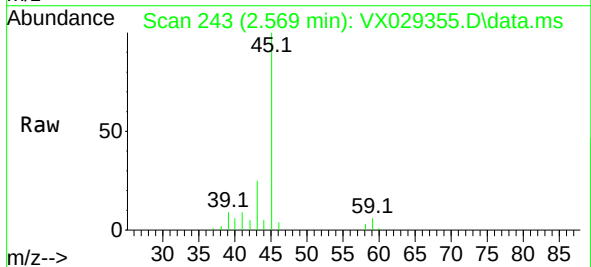


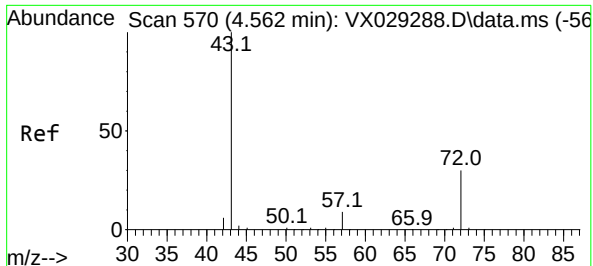
Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 46.8 28.8 43.2#



#18
Methyl Acetate
Concen: 1.636 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.140 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Tgt Ion: 43 Resp: 7336
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

Instrument :

MSVOA_X

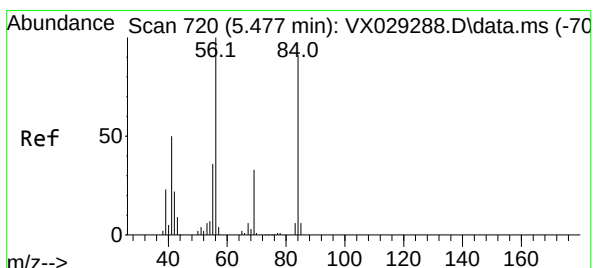
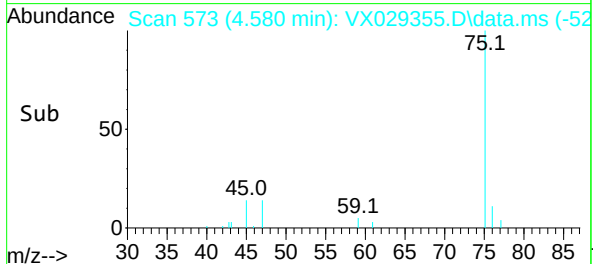
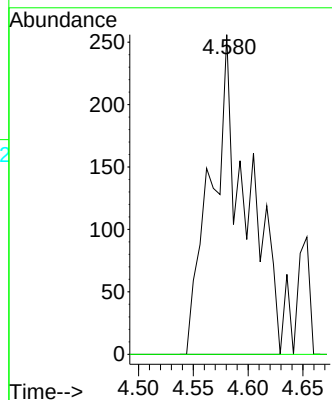
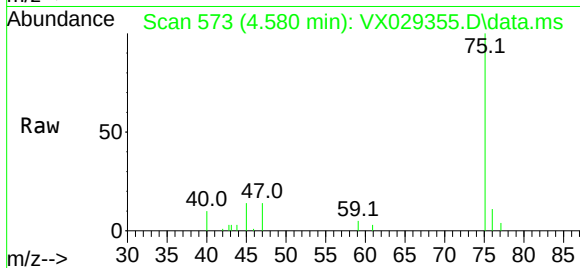
ClientSampleId :

Tgt Ion: 43 Resp: 582

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 0.746 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

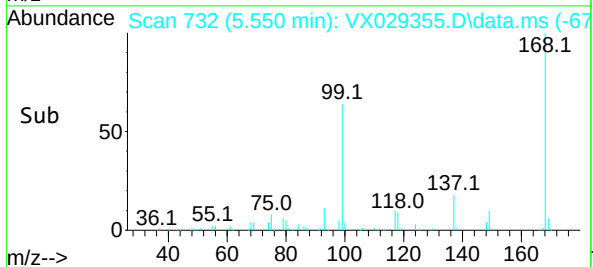
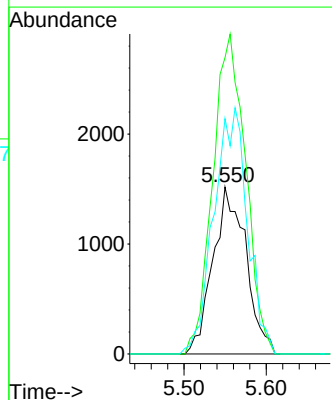
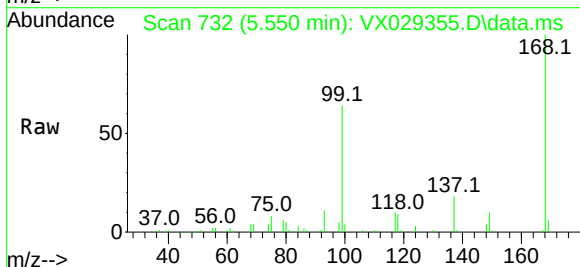
Tgt Ion: 56 Resp: 4228

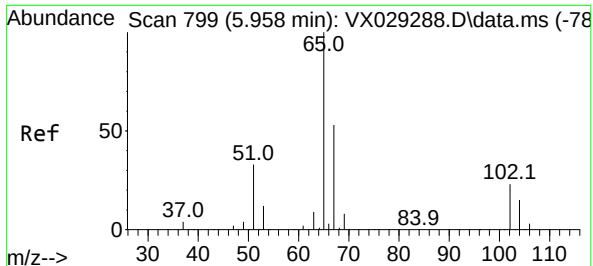
Ion Ratio Lower Upper

56 100

69 177.5 26.7 40.1#

84 141.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.370 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

Instrument :

MSVOA_X

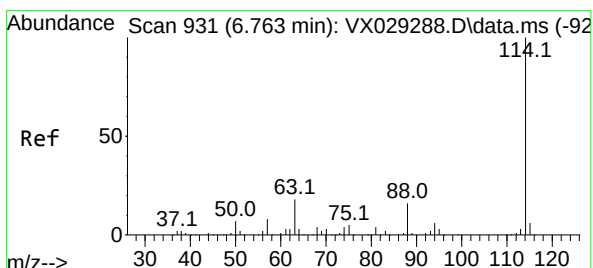
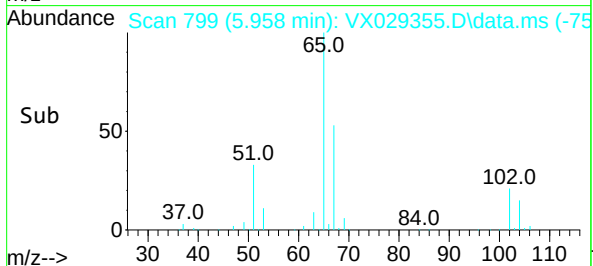
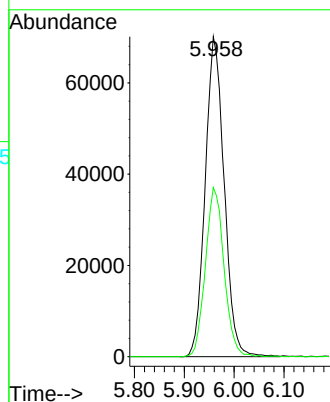
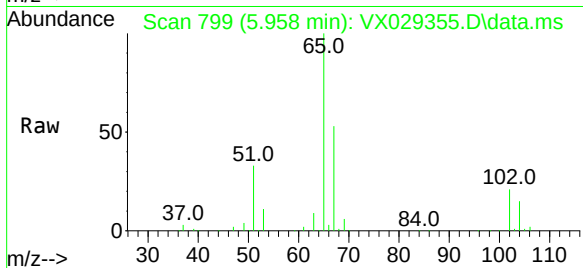
ClientSampleId :

Tgt Ion: 65 Resp: 184926

Ion Ratio Lower Upper

65 100

67 52.0 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: VX029355.D

Acq: 09 Jun 2022 19:08

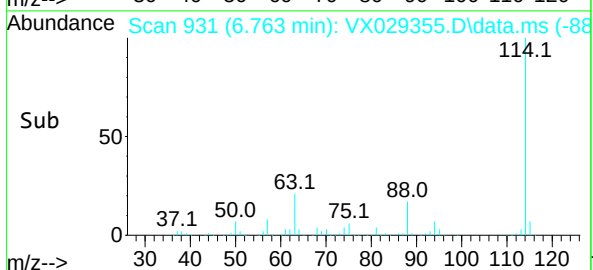
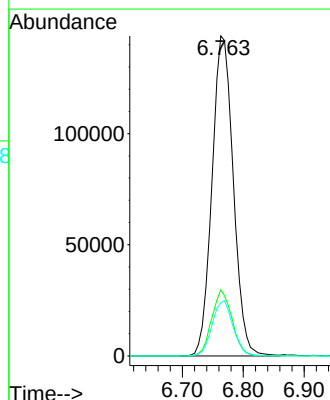
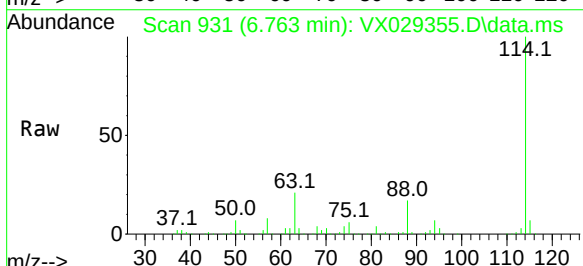
Tgt Ion: 114 Resp: 350075

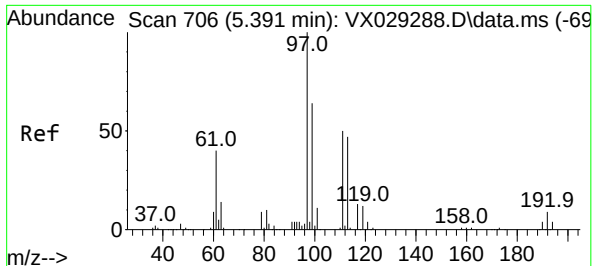
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 54.783 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

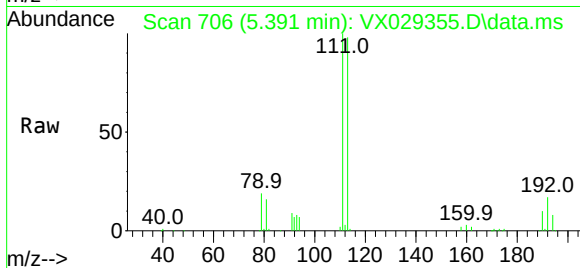
Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

Instrument :

MSVOA_X

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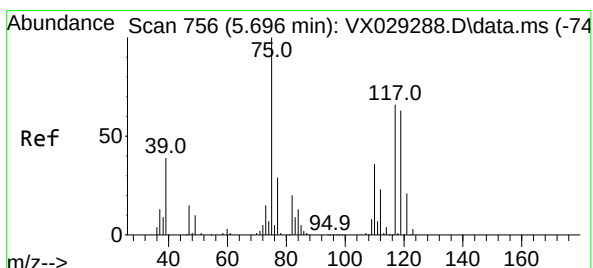
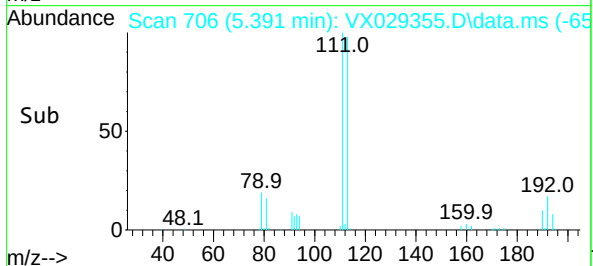
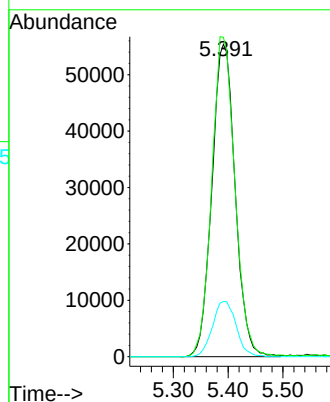
Tgt Ion:113 Resp: 163041

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 18.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.444 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029355.D

Acq: 09 Jun 2022 19:08

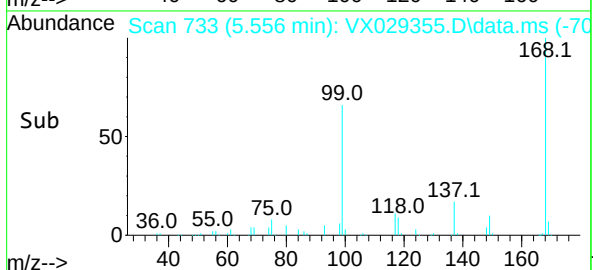
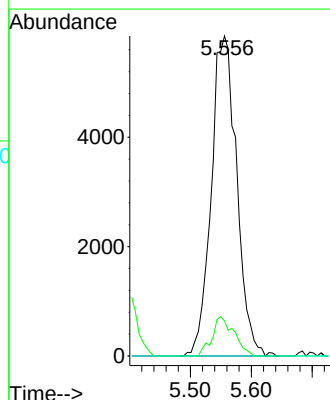
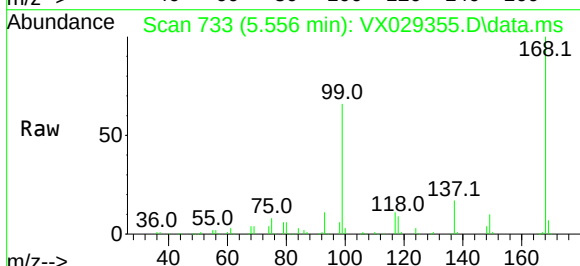
Tgt Ion: 75 Resp: 16933

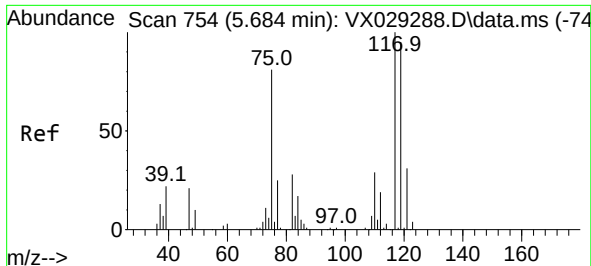
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

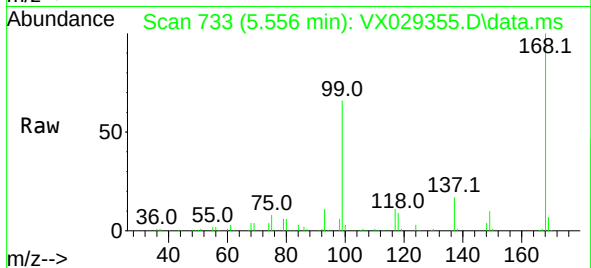
77 0.0 24.8 37.2#



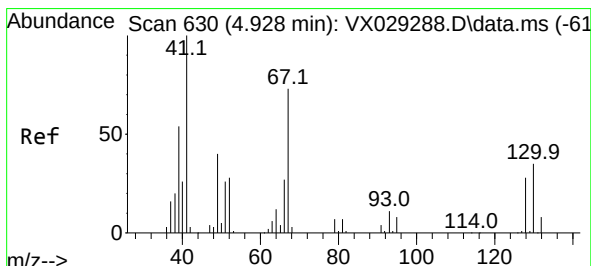
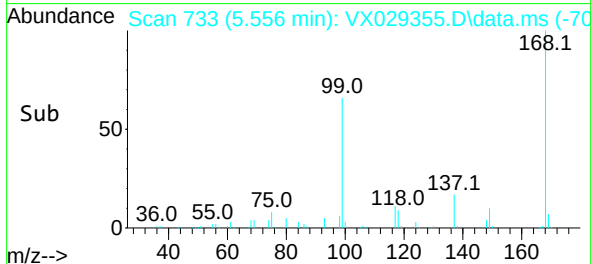
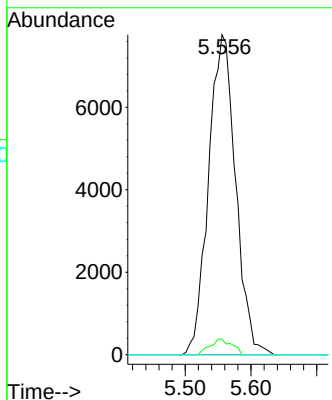


#38
Carbon Tetrachloride
Concen: 4.421 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :

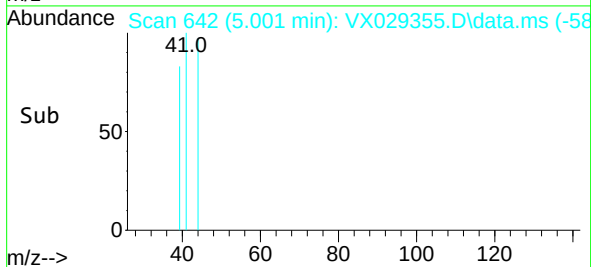
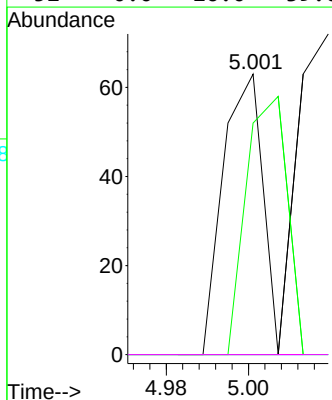
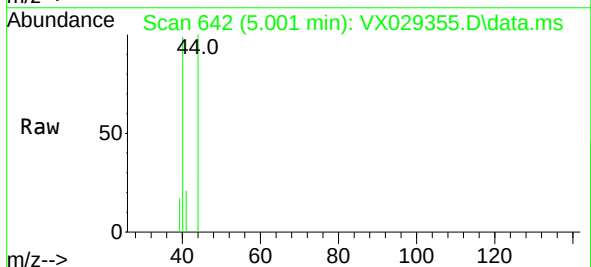


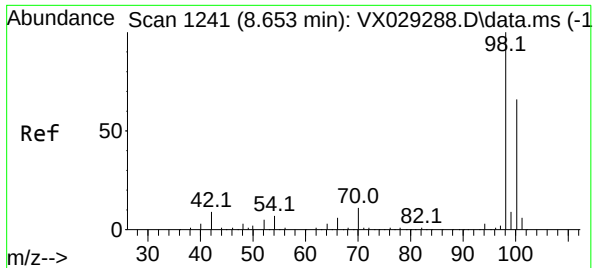
Tgt Ion:117 Resp: 22216
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.001 min Scan# 642
Delta R.T. 0.073 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Tgt Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
39 95.2 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

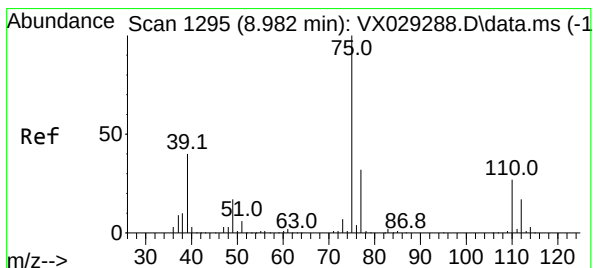
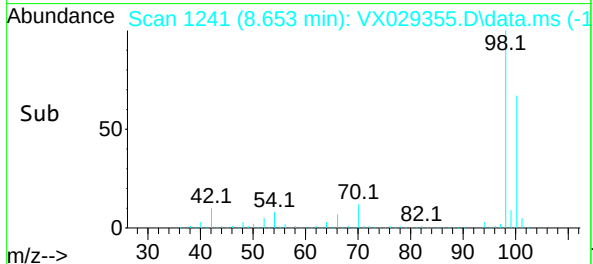
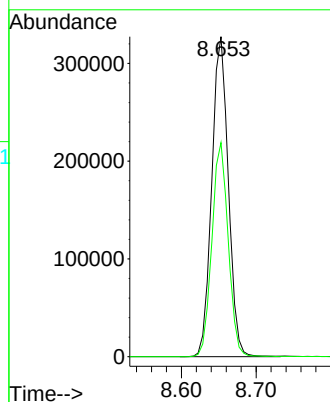
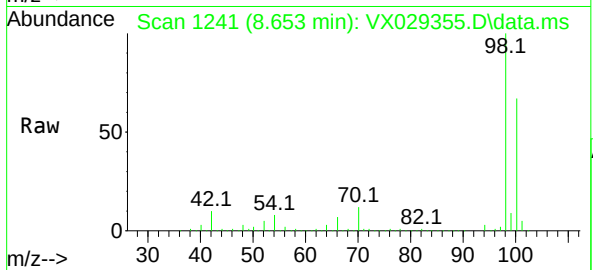




#50
Toluene-d8
Concen: 47.795 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

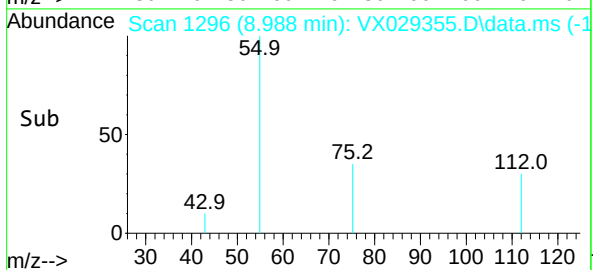
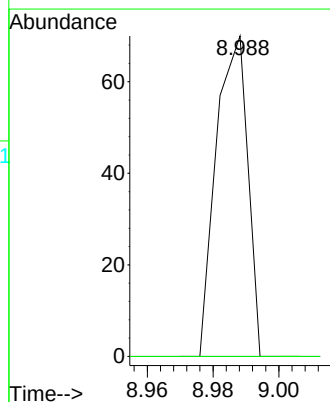
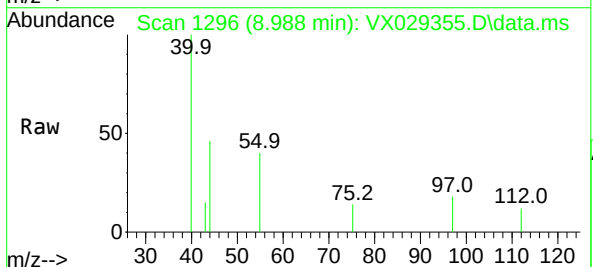
Instrument :
MSVOA_X
ClientSampleId :

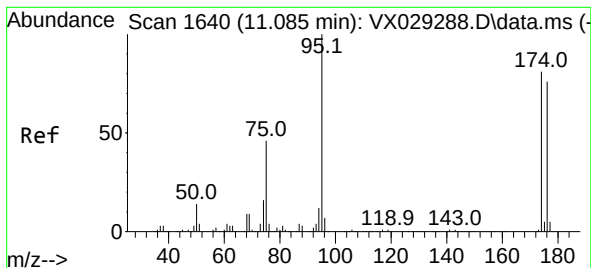
Tgt Ion: 98 Resp: 503081
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.325 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

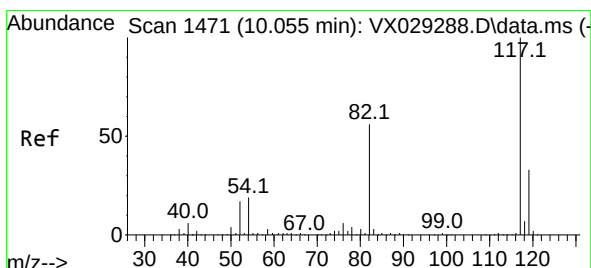
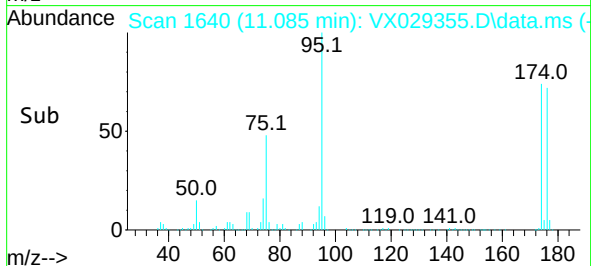
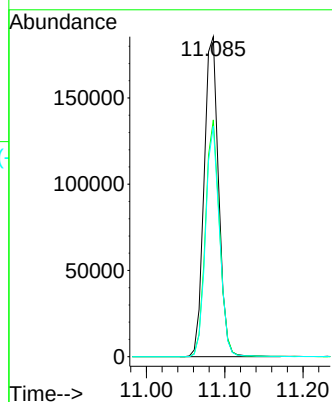
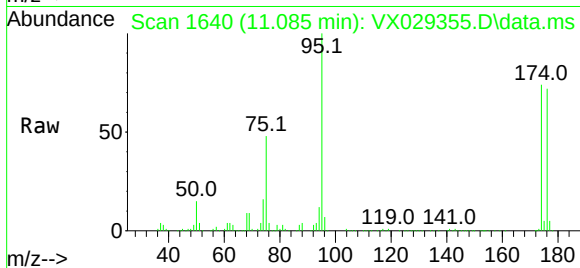




#62
4-Bromofluorobenzene
Concen: 58.039 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

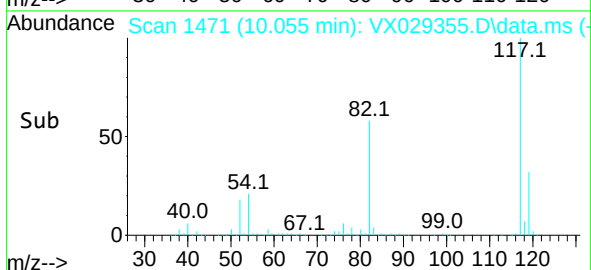
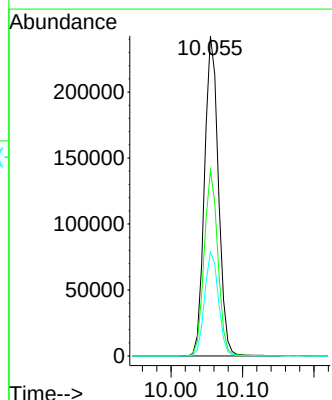
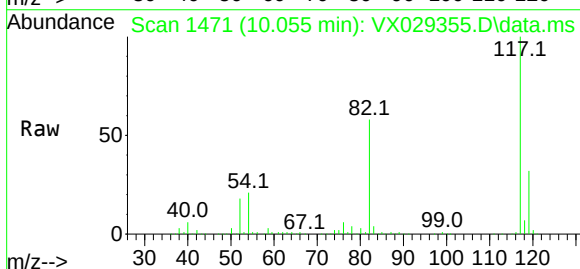
Instrument :
MSVOA_X
ClientSampleId :

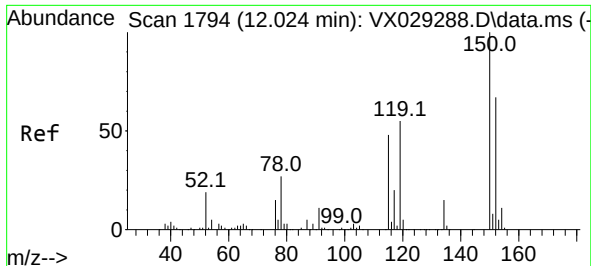
Tgt Ion: 95 Resp: 239068
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 69.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

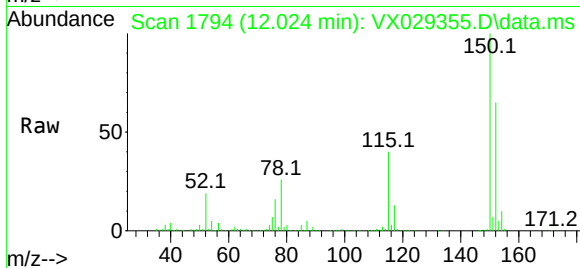
Tgt Ion: 117 Resp: 327870
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.5 24.8 37.2



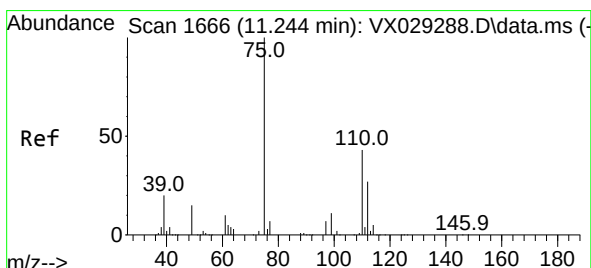
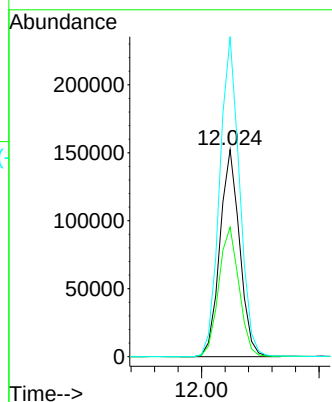
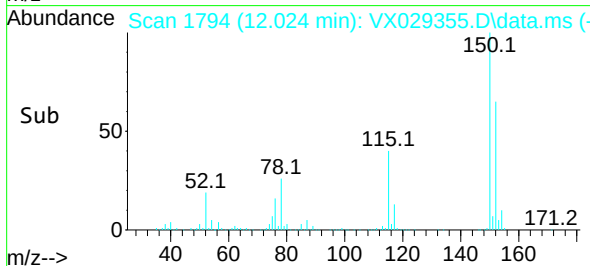


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08

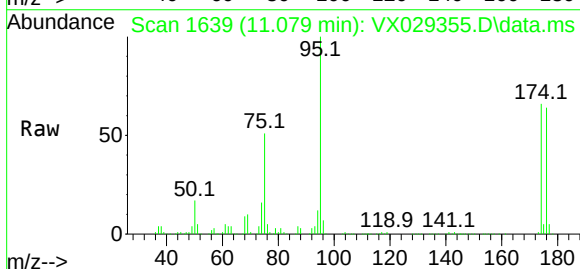
Instrument :
MSVOA_X
ClientSampleId :



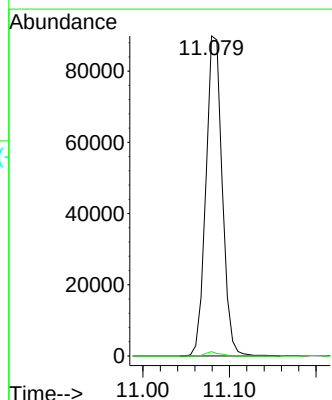
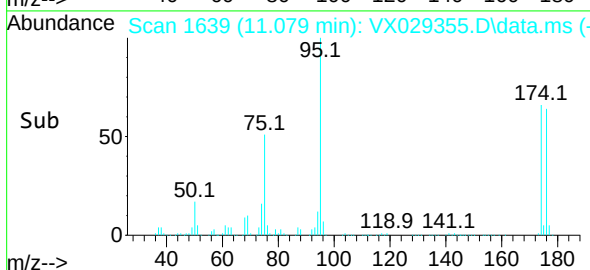
Tgt Ion:152 Resp: 177944
Ion Ratio Lower Upper
152 100
115 64.3 37.5 112.7
150 155.5 0.0 338.2

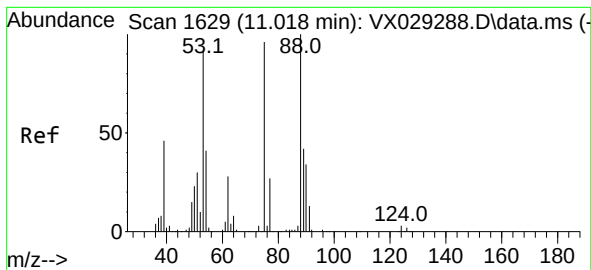


#76
1,2,3-Trichloropropane
Concen: 28.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029355.D
Acq: 09 Jun 2022 19:08



Tgt Ion: 75 Resp: 117632
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.343 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029355.D
 Acq: 09 Jun 2022 19:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 117632
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

