

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029155.D
 Acq On : 02 Jun 2022 23:19
 Operator : JC/MD
 Sample : N3164-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 04:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

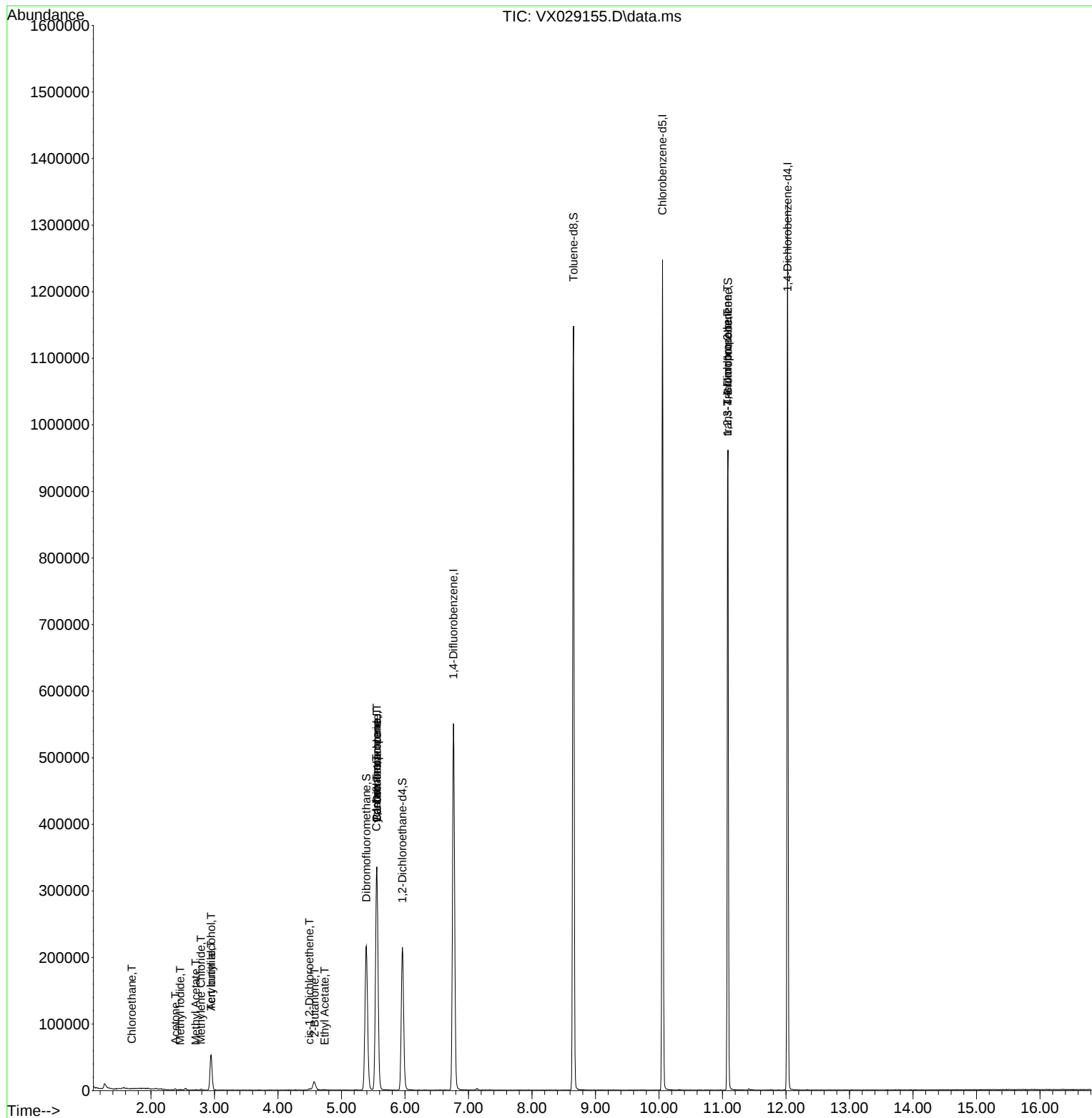
Internal Standards						
1) Pentafluorobenzene	5.556	168	314999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	585280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205379	57.820	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.640%			
35) Dibromofluoromethane	5.391	113	194267	49.971	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.940%			
50) Toluene-d8	8.653	98	693504	48.775	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.085	95	274079	49.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.740%			
Target Compounds						Qvalue
5) Bromomethane	1.612	94	728	Below Cal		90
6) Chloroethane	1.697	64	267	1.499 ug/l #		43
10) Methyl Iodide	2.459	142	807	4.435 ug/l #		86
11) Tert butyl alcohol	2.947	59	30840	37.479 ug/l #		76
15) Acrylonitrile	2.947	53	505	0.298 ug/l #		18
16) Acetone	2.386	43	2071	1.481 ug/l #		86
18) Methyl Acetate	2.703	43	950	0.263 ug/l #		72
20) Methylene Chloride	2.788	84	729	0.224 ug/l #		93
25) 2-Butanone	4.574	43	871	0.386 ug/l #		44
27) cis-1,2-Dichloroethene	4.495	96	1311	0.343 ug/l		89
31) Cyclohexane	5.550	56	5907	1.279 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	24424	4.883 ug/l #		49
37) Ethyl Acetate	4.733	43	1219	0.251 ug/l #		86
38) Carbon Tetrachloride	5.556	117	33148	5.799 ug/l #		15
44) Trichloroethene	7.141	130	955	Below Cal		83
76) 1,2,3-Trichloropropane	11.079	75	133080	25.085 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	133080	73.595 ug/l #		15
94) Hexachlorobutadiene	13.725	225	122	Below Cal #		37

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

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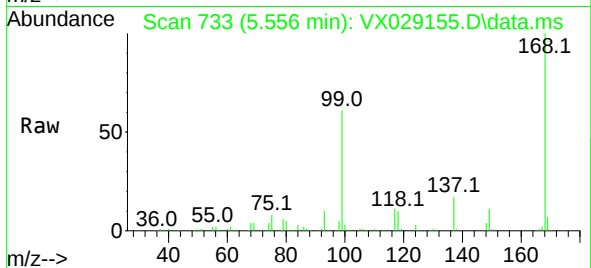
Quant Time: Jun 03 04:35:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
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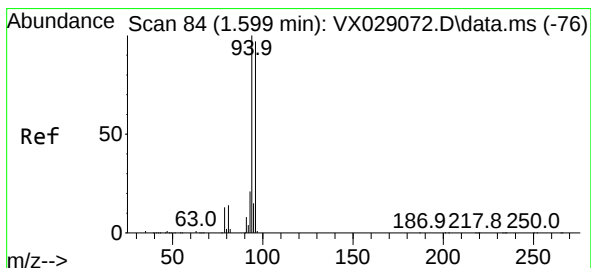
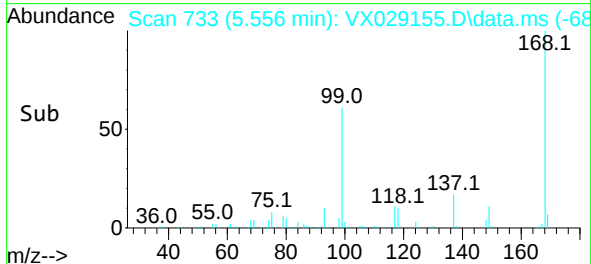
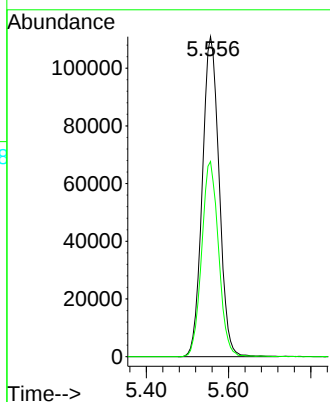


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :

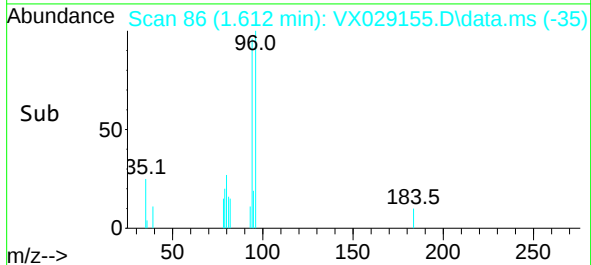
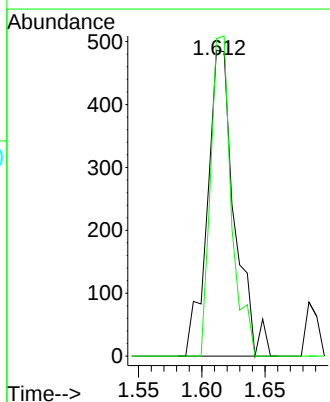
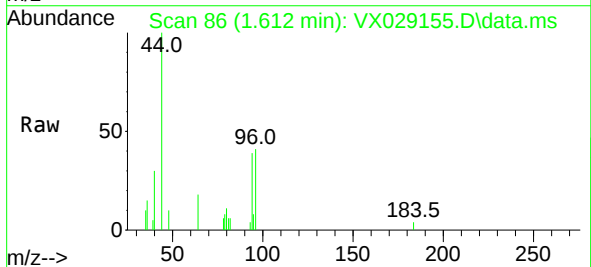


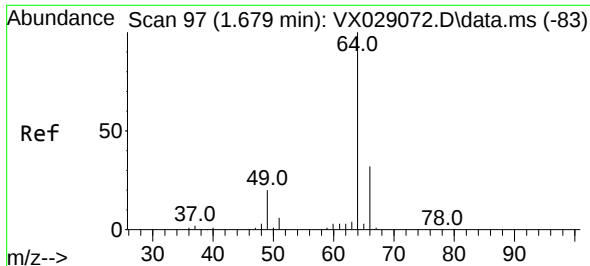
Tgt Ion:168 Resp: 314999
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 103.9 75.3 112.9

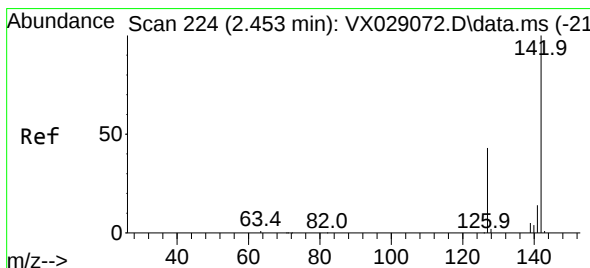
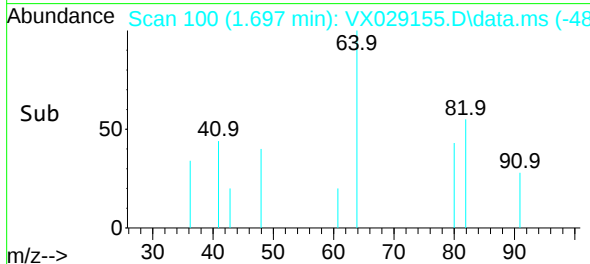
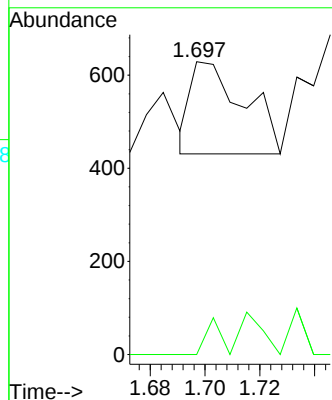
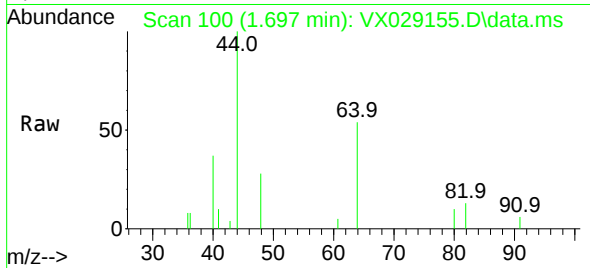




#6
 Chloroethane
 Concen: 1.499 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. 0.018 min
 Lab File: VX029155.D
 Acq: 02 Jun 2022 23:19

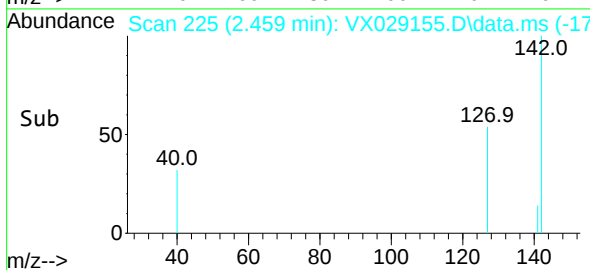
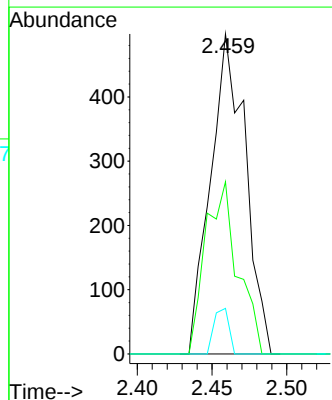
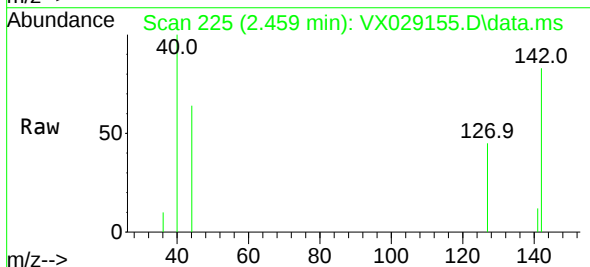
Instrument :
 MSVOA_X
 ClientSampleId :

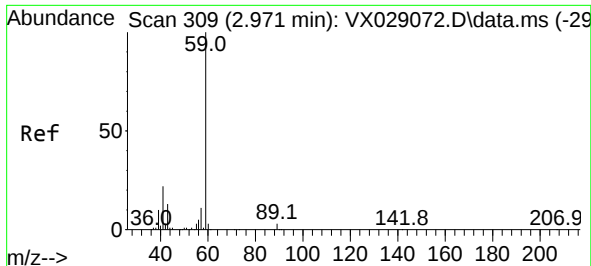
Tgt Ion: 64 Resp: 267
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.3 37.9#



#10
 Methyl Iodide
 Concen: 4.435 ug/l
 RT: 2.459 min Scan# 225
 Delta R.T. 0.006 min
 Lab File: VX029155.D
 Acq: 02 Jun 2022 23:19

Tgt Ion: 142 Resp: 807
 Ion Ratio Lower Upper
 142 100
 127 49.8 33.9 50.9
 141 6.1 11.4 17.2#





#11

Tert butyl alcohol

Concen: 37.479 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.024 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

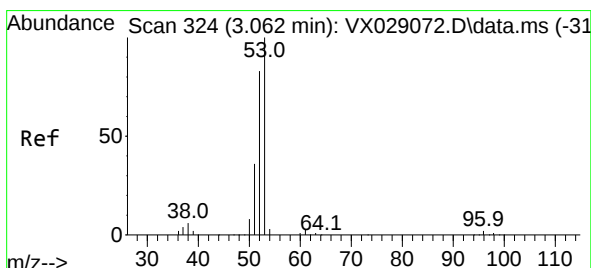
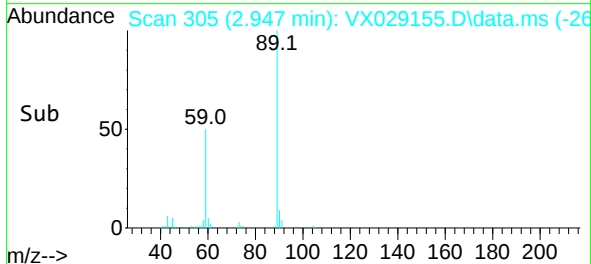
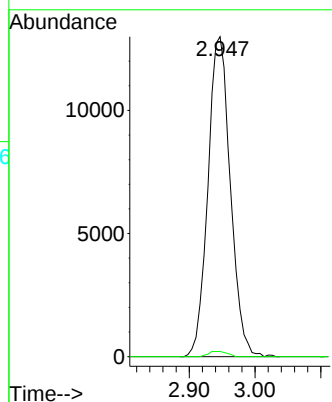
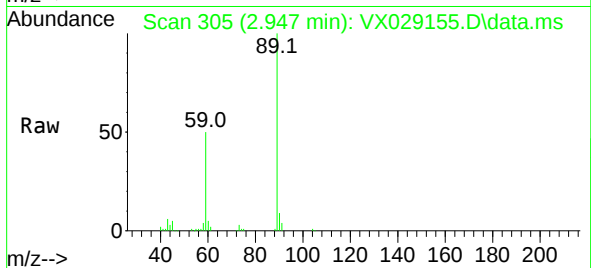
ClientSampleId :

Tgt Ion: 59 Resp: 30840

Ion Ratio Lower Upper

59 100

57 1.4 8.3 12.5#



#15

Acrylonitrile

Concen: 0.298 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.115 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

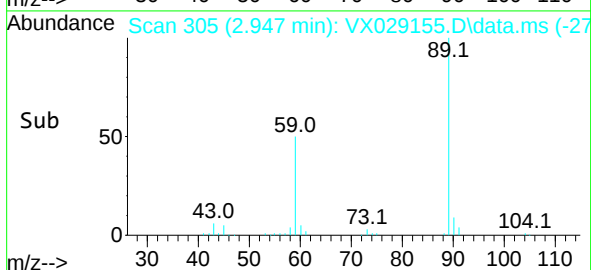
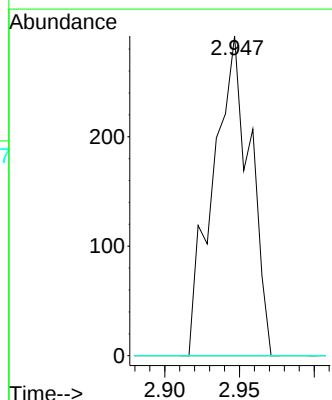
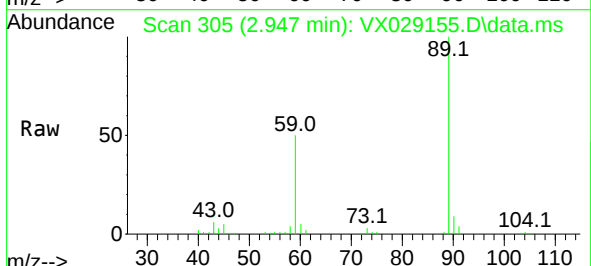
Tgt Ion: 53 Resp: 505

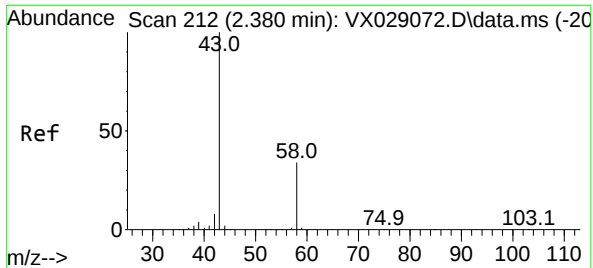
Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 0.0 28.4 42.6#

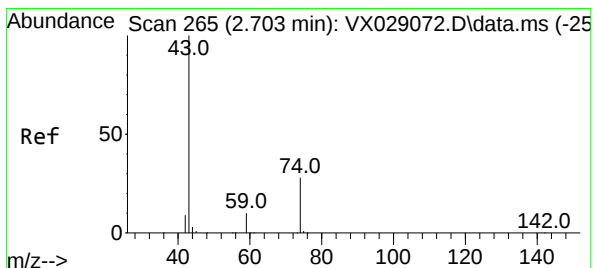
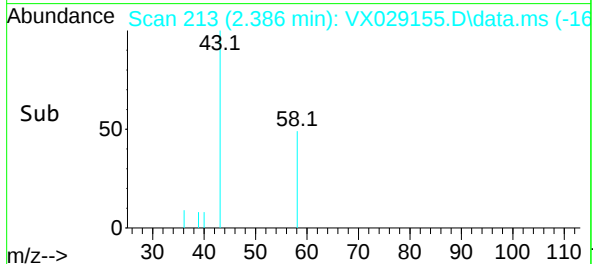
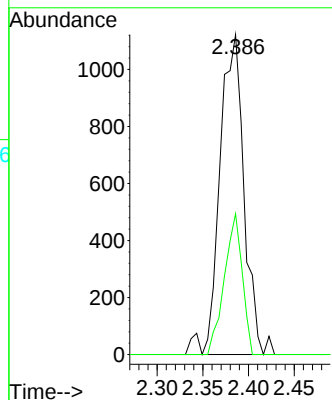
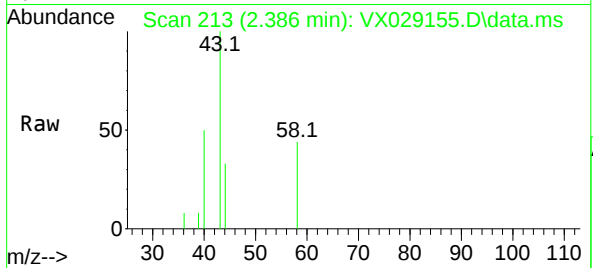




#16
Acetone
Concen: 1.481 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

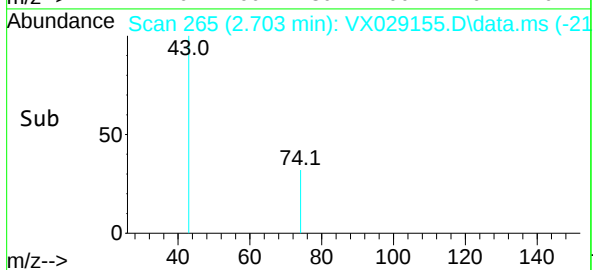
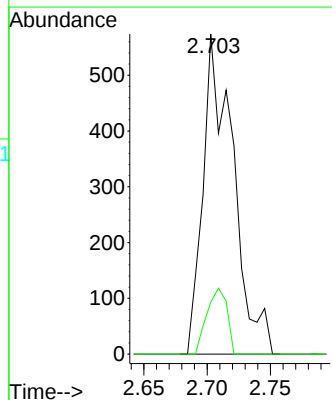
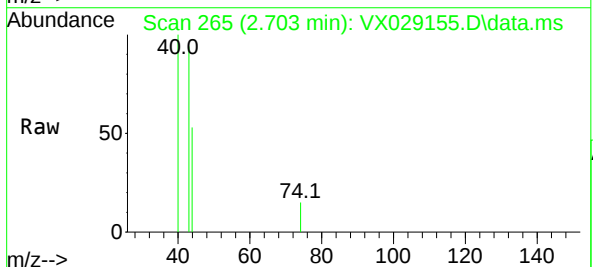
Instrument :
MSVOA_X
ClientSampleId :

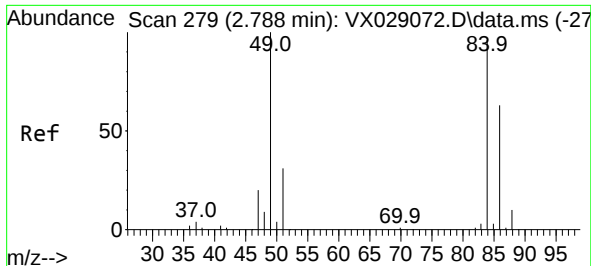
Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 44.0 28.8 43.2#



#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
74 13.8 22.8 34.2#





#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

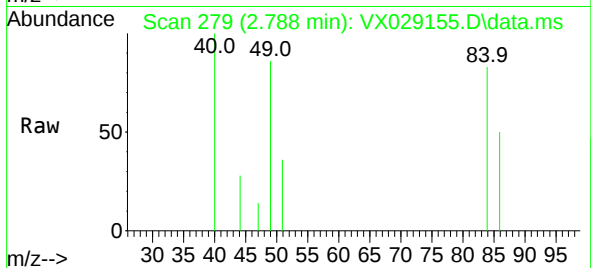
Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 729

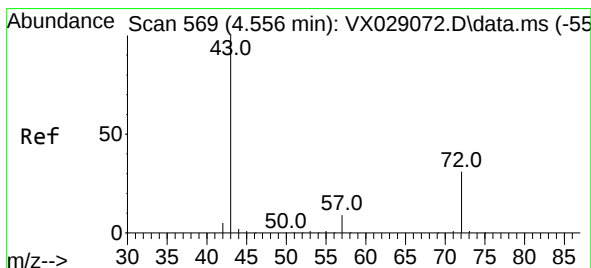
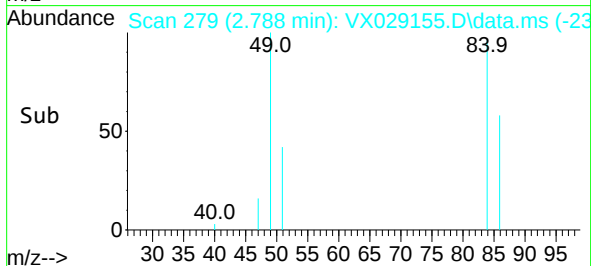
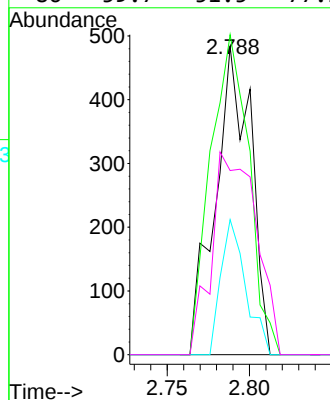
Ion Ratio Lower Upper

84 100

49 103.7 85.5 128.3

51 43.8 26.6 39.8#

86 59.7 51.5 77.3



#25

2-Butanone

Concen: 0.386 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX029155.D

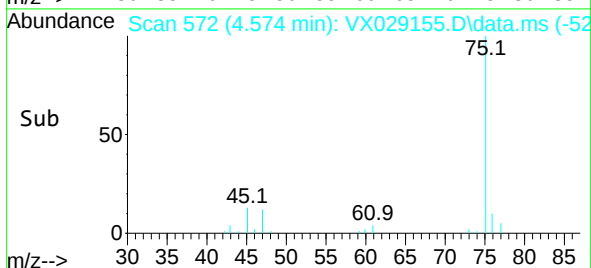
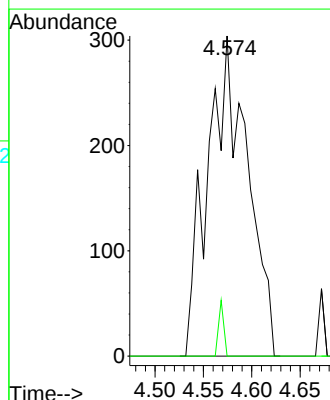
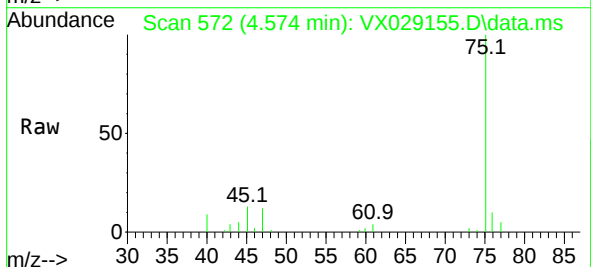
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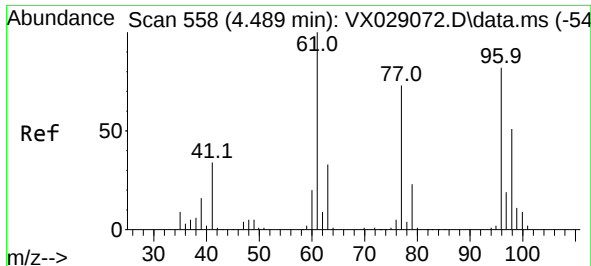
Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 0.343 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

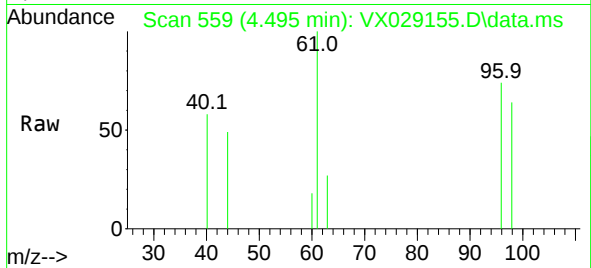
Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :



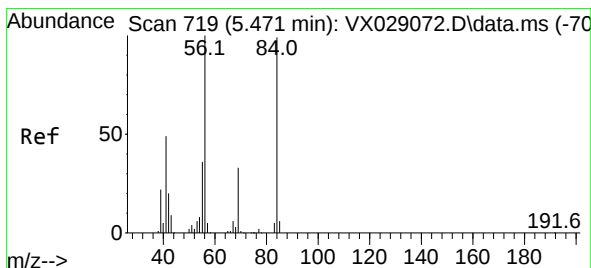
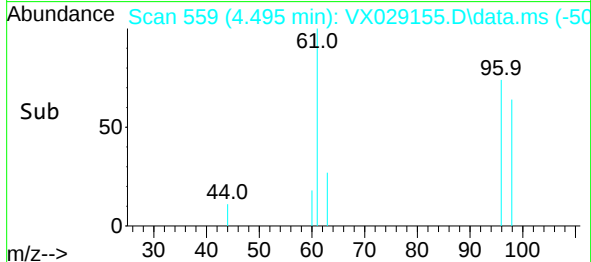
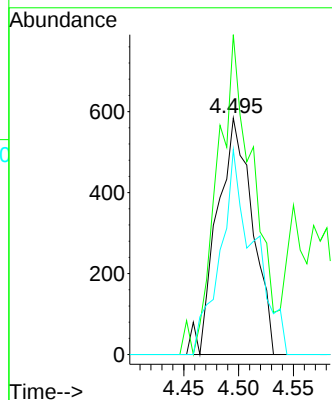
Tgt Ion: 96 Resp: 1311

Ion Ratio Lower Upper

96 100

61 135.5 0.0 283.8

98 83.2 0.0 129.8



#31

Cyclohexane

Concen: 1.279 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

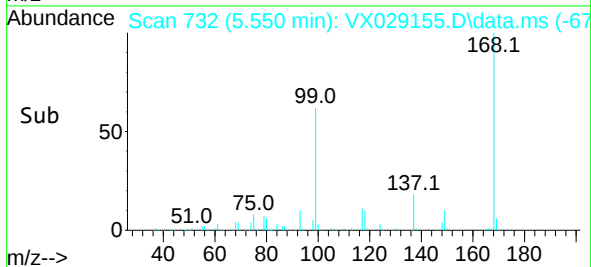
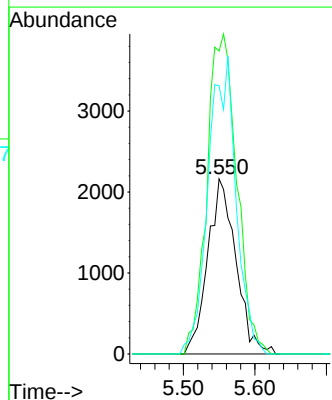
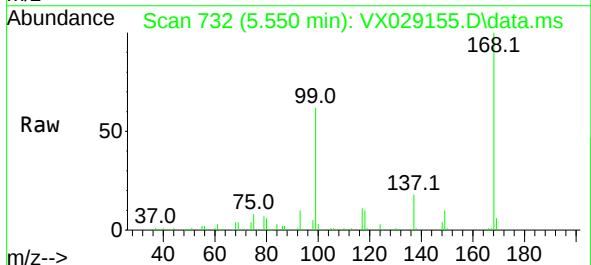
Tgt Ion: 56 Resp: 5907

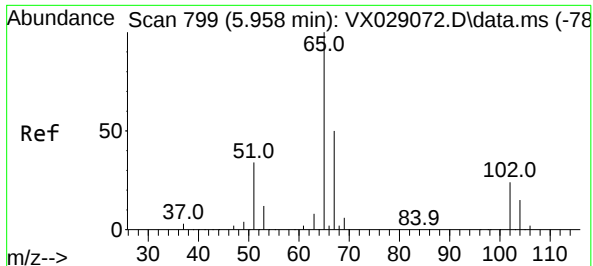
Ion Ratio Lower Upper

56 100

69 173.1 26.7 40.1#

84 153.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.820 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

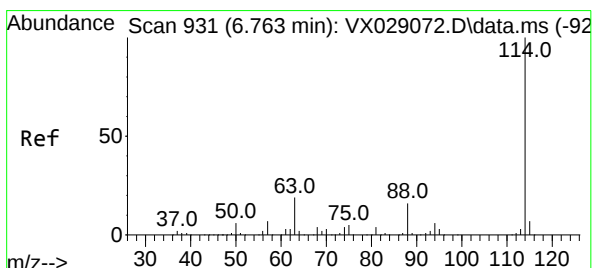
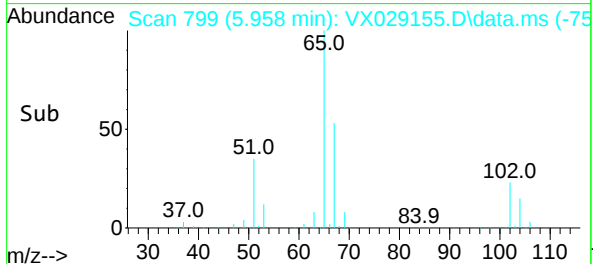
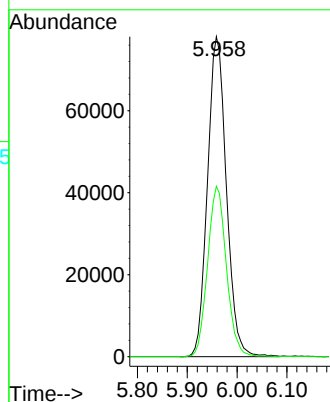
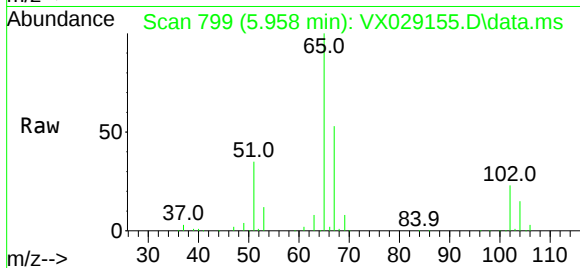
ClientSampleId :

Tgt Ion: 65 Resp: 205379

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029155.D

Acq: 02 Jun 2022 23:19

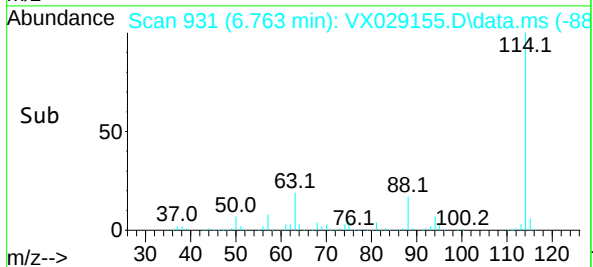
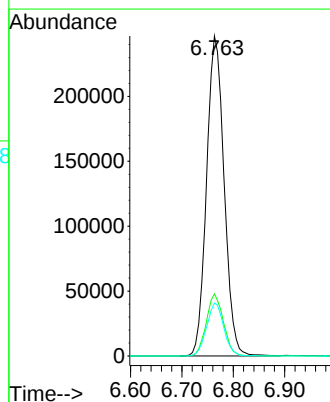
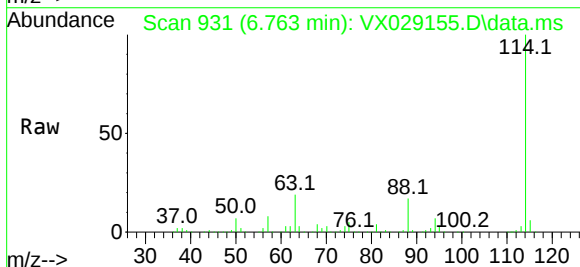
Tgt Ion: 114 Resp: 585280

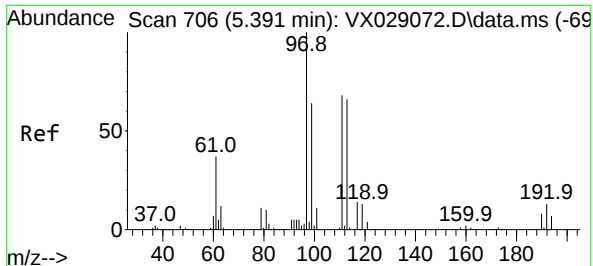
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

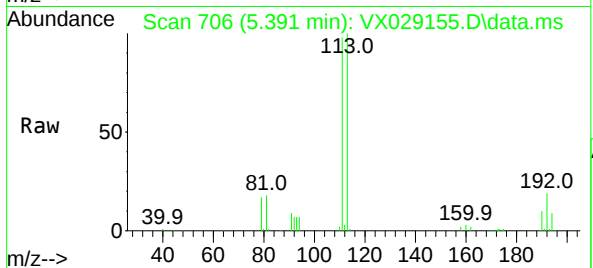
88 16.6 0.0 32.4



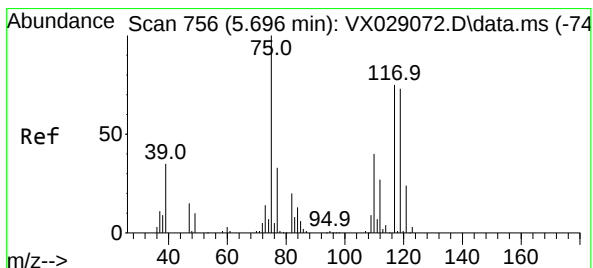
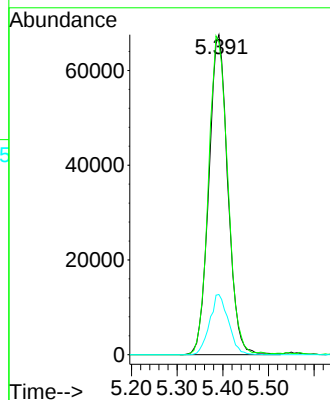
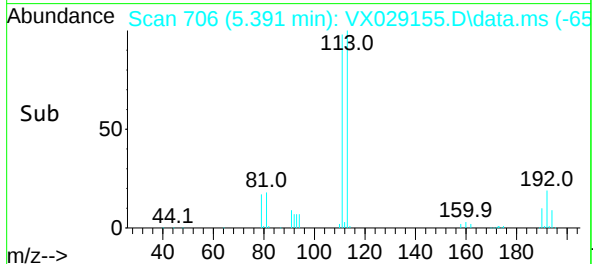


#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

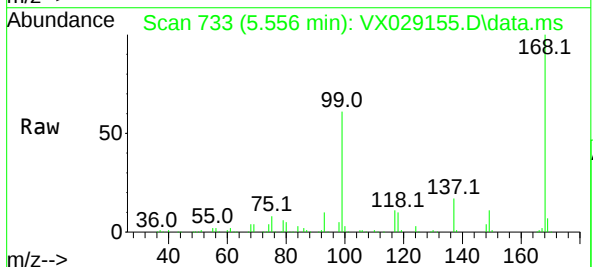
Instrument :
MSVOA_X
ClientSampleId :



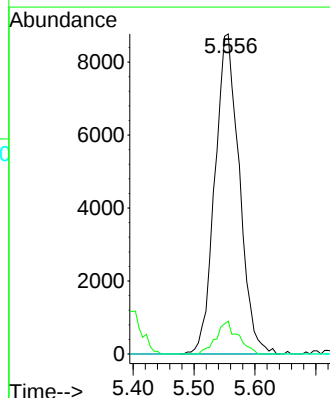
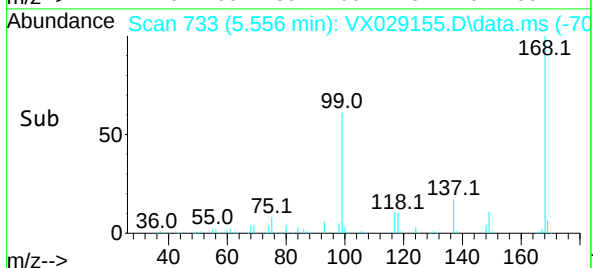
Tgt Ion:113 Resp: 194267
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.7 16.9 25.3

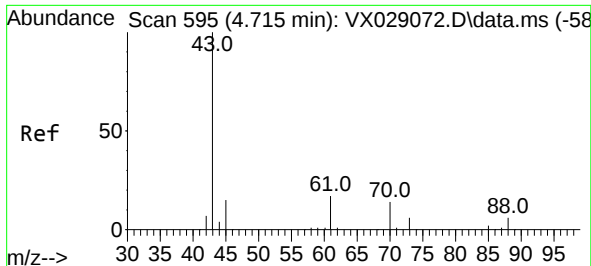


#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19



Tgt Ion: 75 Resp: 24424
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.251 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

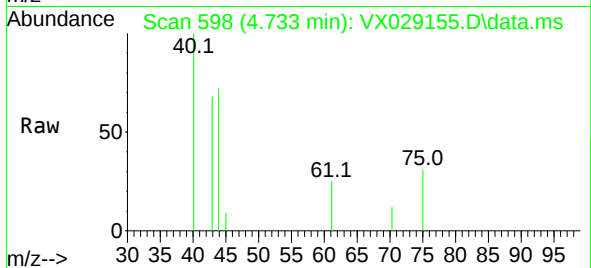
Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

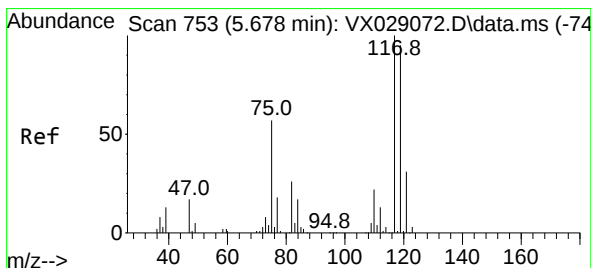
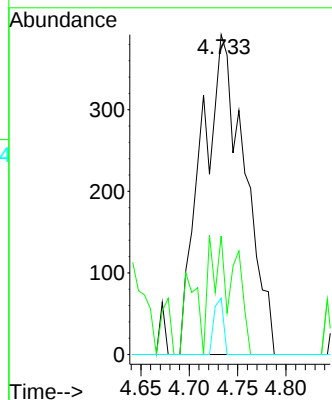
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 1219
Ion Ratio	Lower Upper
43	100
61	12.6 12.6 19.0#
70	3.9 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.799 ug/l

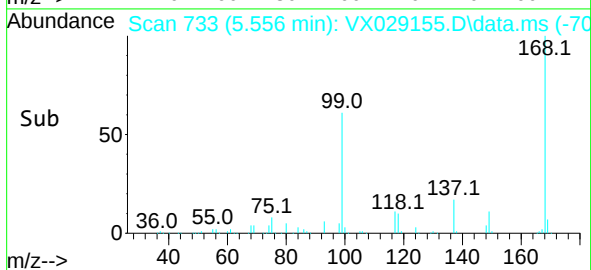
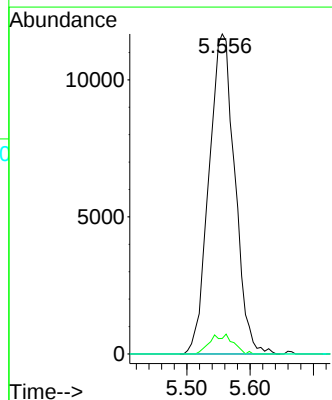
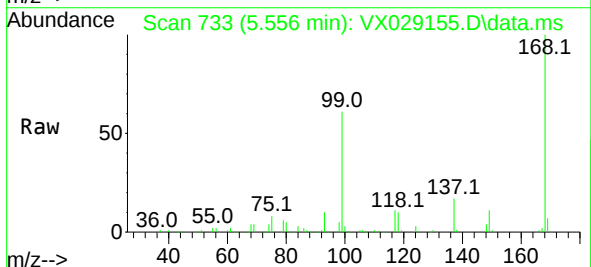
RT: 5.556 min Scan# 733

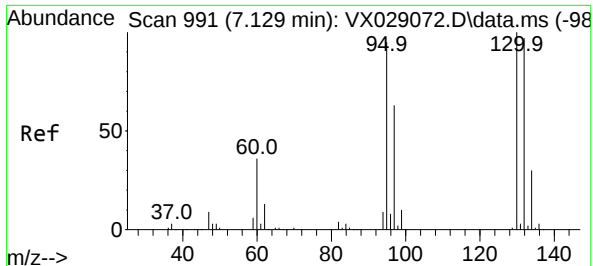
Delta R.T. -0.122 min

Lab File: VX029155.D

Acq: 02 Jun 2022 23:19

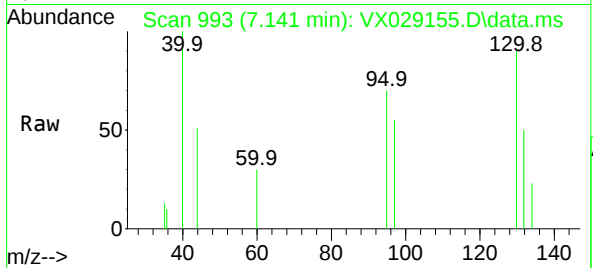
Tgt Ion: 117	Resp: 33148
Ion Ratio	Lower Upper
117	100
119	4.8 77.3 115.9#
121	0.0 24.2 36.2#



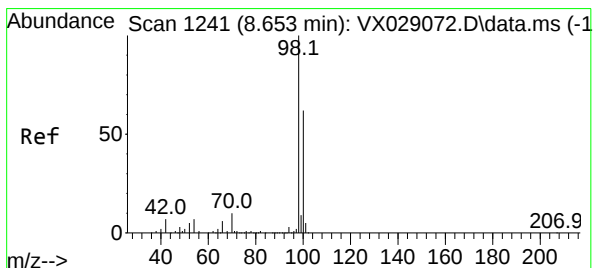
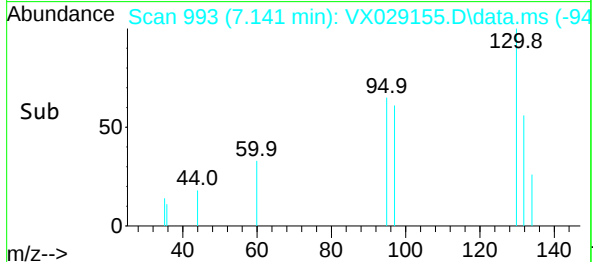
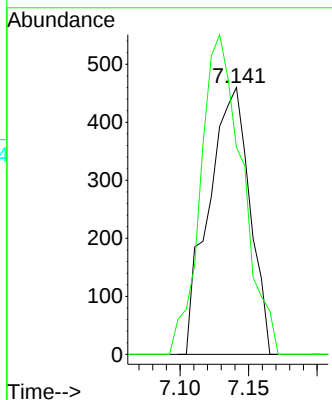


#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :

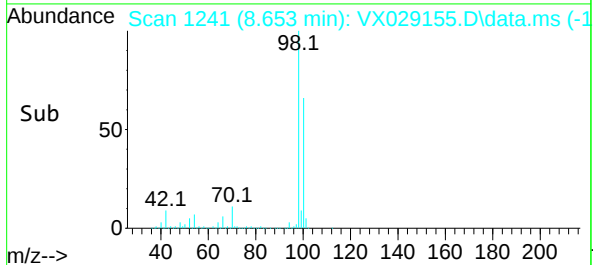
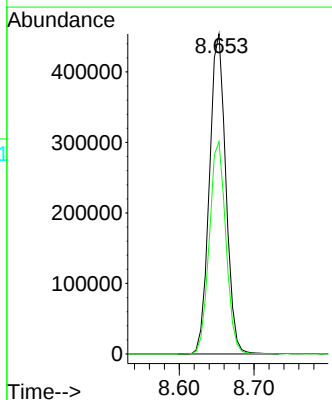
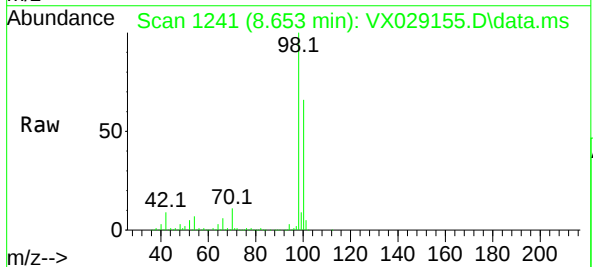


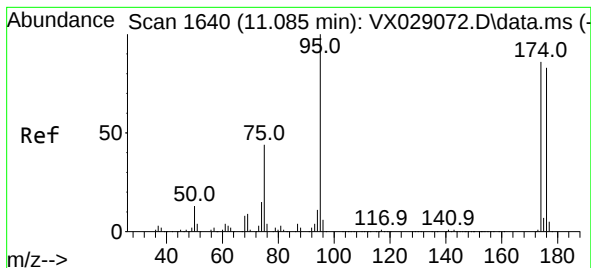
Tgt Ion:130 Resp: 955
Ion Ratio Lower Upper
130 100
95 77.6 0.0 188.8



#50
Toluene-d8
Concen: 48.775 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 98 Resp: 693504
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

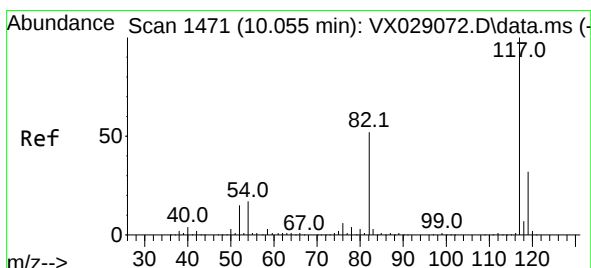
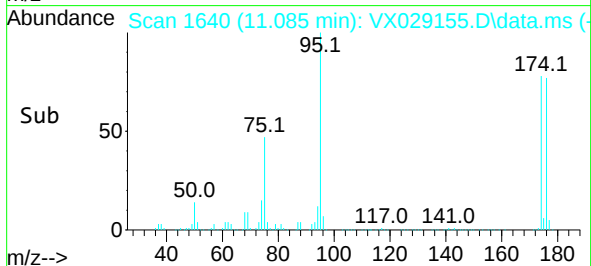
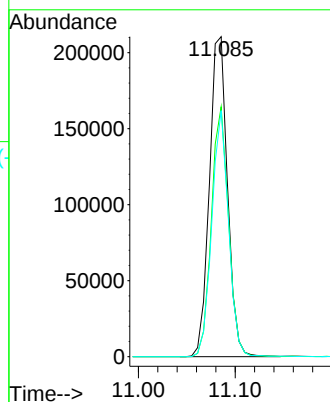
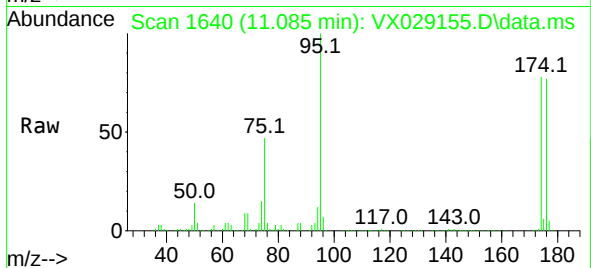




#62
4-Bromofluorobenzene
Concen: 49.867 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

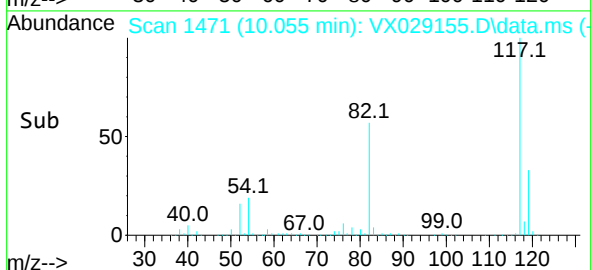
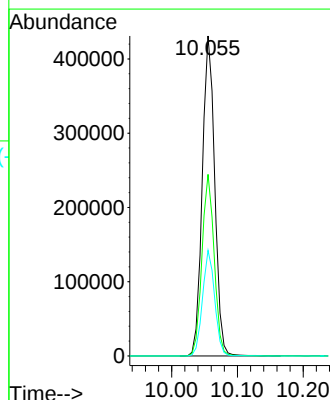
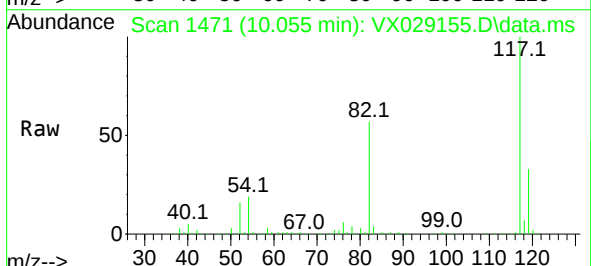
Instrument :
MSVOA_X
ClientSampleId :

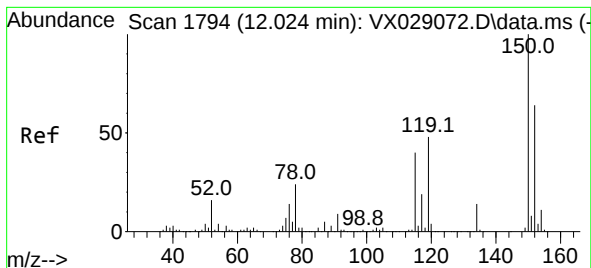
Tgt Ion: 95 Resp: 274079
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 71.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 117 Resp: 567252
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 33.0 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: VX029155.D

Acq: 02 Jun 2022 23:19

Instrument :

MSVOA_X

ClientSampleId :

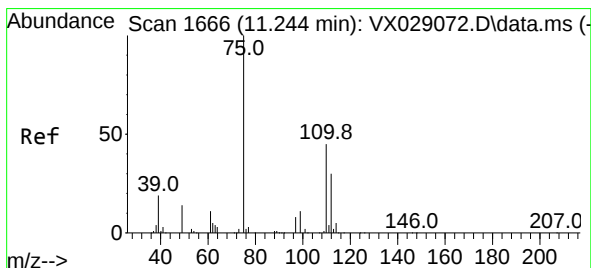
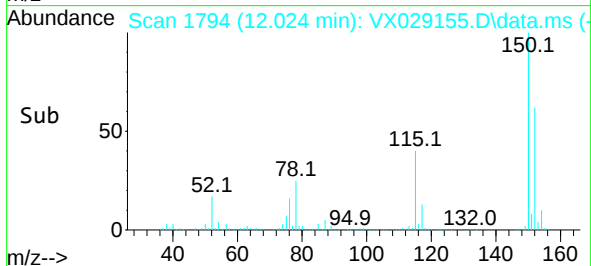
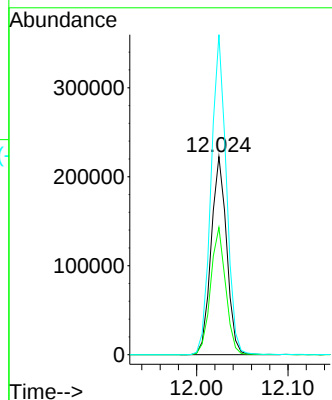
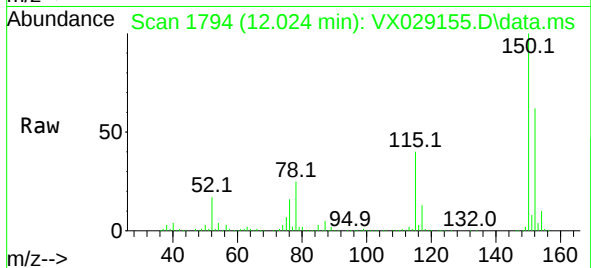
Tgt Ion:152 Resp: 261700

Ion Ratio Lower Upper

152 100

115 62.5 37.5 112.7

150 158.7 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 25.085 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX029155.D

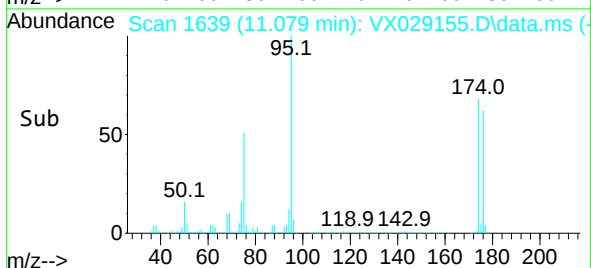
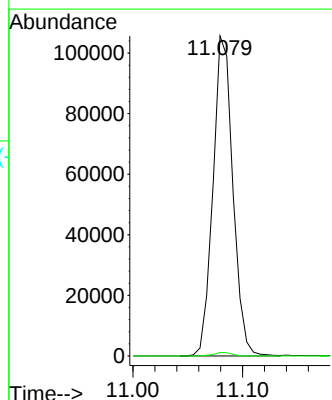
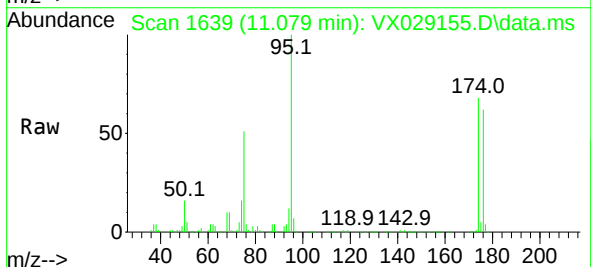
Acq: 02 Jun 2022 23:19

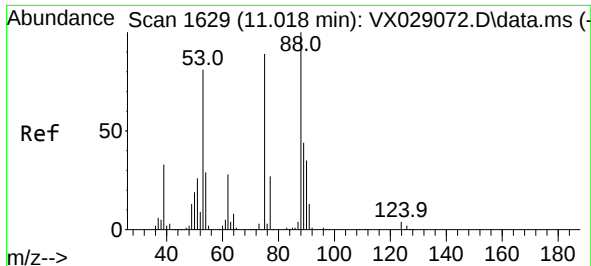
Tgt Ion: 75 Resp: 133080

Ion Ratio Lower Upper

75 100

77 1.0 19.4 58.2#

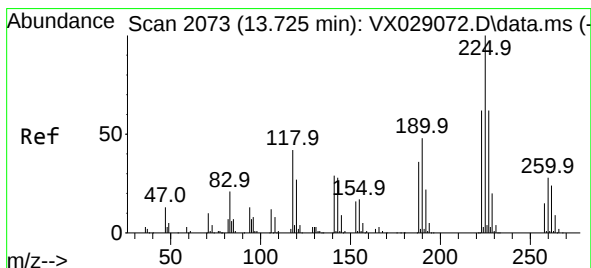
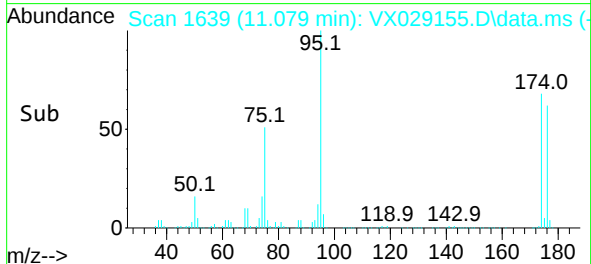
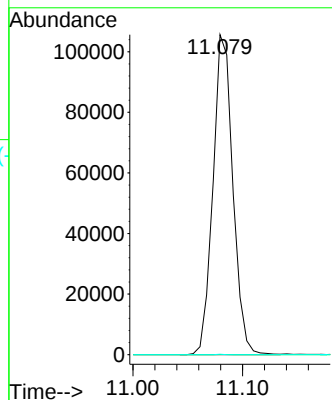
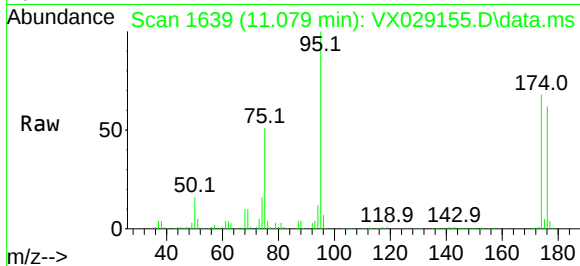




#81
trans-1,4-Dichloro-2-butene
Concen: 73.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 133080
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029155.D
Acq: 02 Jun 2022 23:19

Tgt Ion: 225 Resp: 122
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 33.6 33.9 101.7#

