

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029157.D
 Acq On : 03 Jun 2022 00:06
 Operator : JC/MD
 Sample : N3164-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

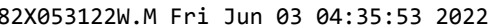
Quant Time: Jun 03 04:35:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

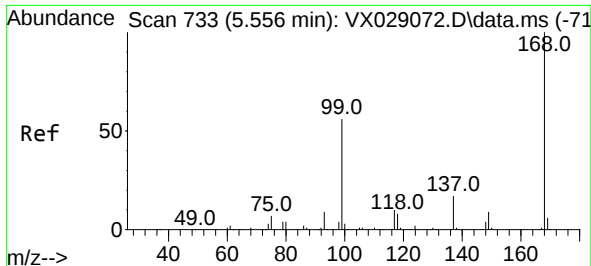
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	300320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	533703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197666	58.368	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.740%	
35) Dibromofluoromethane	5.391	113	183645	50.277	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.560%	
50) Toluene-d8	8.653	98	658466	49.289	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	11.085	95	256643	49.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	594	0.217	ug/l #	70
5) Bromomethane	1.611	94	596	Below Cal	#	72
6) Chloroethane	1.684	64	573	1.616	ug/l #	43
10) Methyl Iodide	2.477	142	477	4.356	ug/l #	87
11) Tert butyl alcohol	2.946	59	21937	27.963	ug/l #	75
15) Acrylonitrile	2.946	53	398	0.246	ug/l #	18
16) Acetone	2.385	43	1639	1.229	ug/l #	79
25) 2-Butanone	4.726	43	11032	5.128	ug/l #	44
31) Cyclohexane	5.562	56	5366	1.219	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22704	4.831	ug/l #	51
37) Ethyl Acetate	4.726	43	11032	2.422	ug/l	97
38) Carbon Tetrachloride	5.556	117	31625	5.888	ug/l #	16
44) Trichloroethene	7.141	130	576	Below Cal		96
76) 1,2,3-Trichloropropane	11.079	75	123217	24.967	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123217	73.248	ug/l #	15

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

Quant Time: Jun 03 04:35:48 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

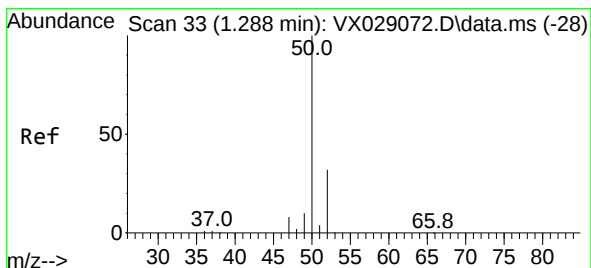
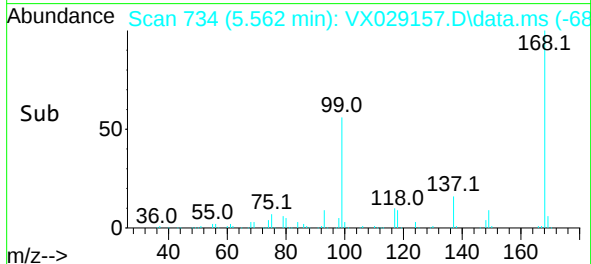
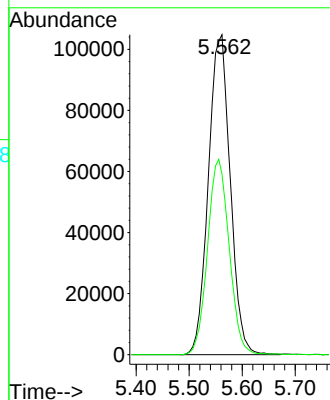
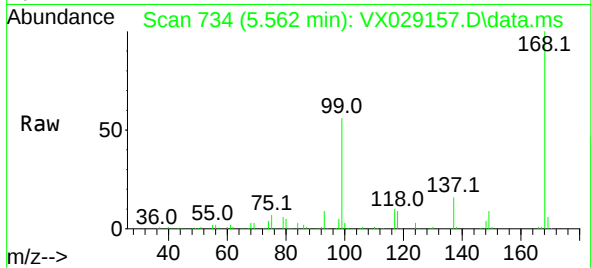




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

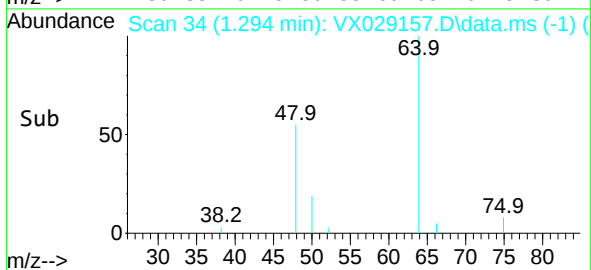
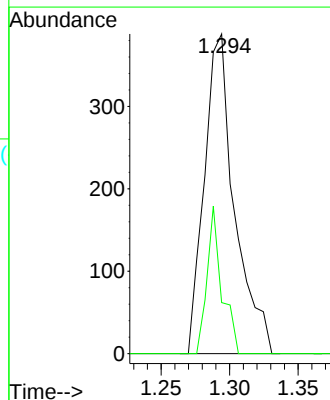
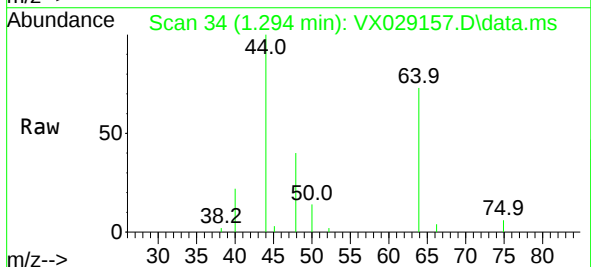
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 300320
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

Tgt Ion: 50 Resp: 594
Ion Ratio Lower Upper
50 100
52 16.0 26.4 39.6#

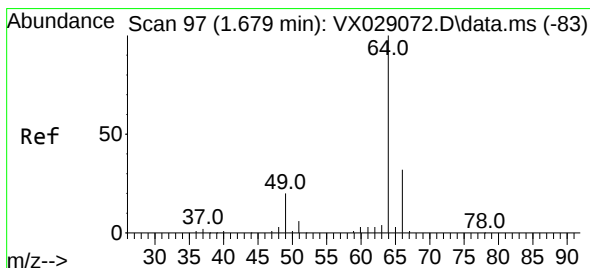
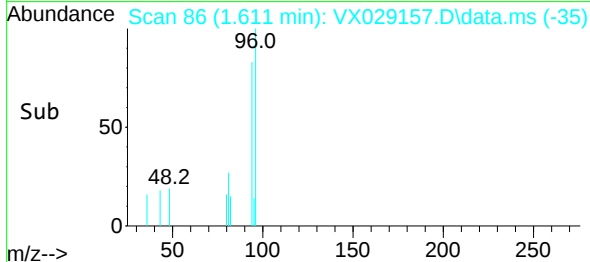
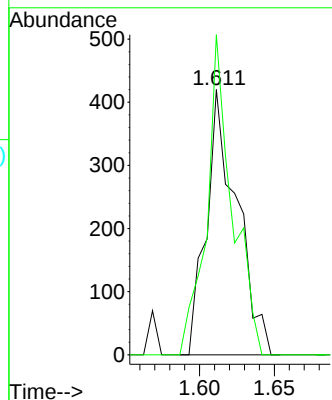
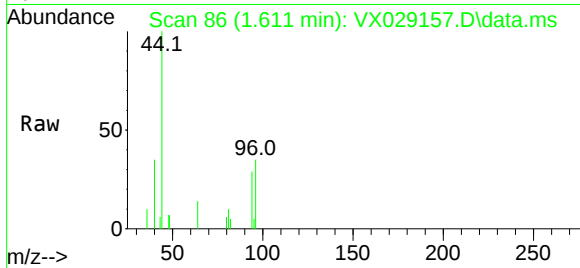




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

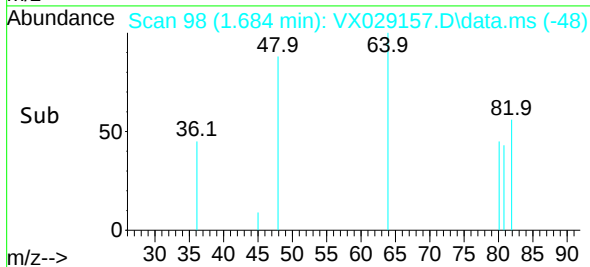
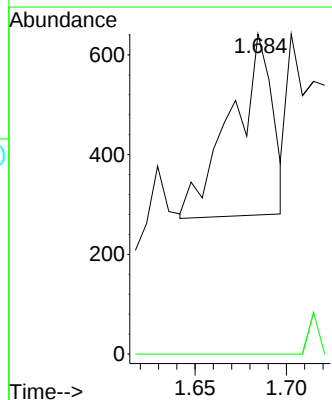
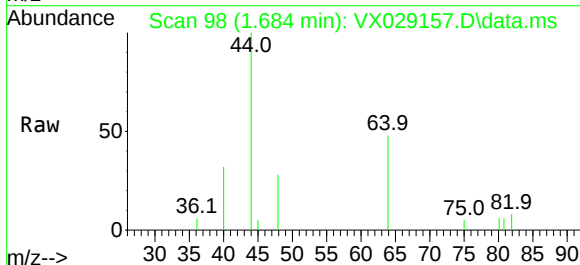
Instrument :
MSVOA_X
ClientSampleId :

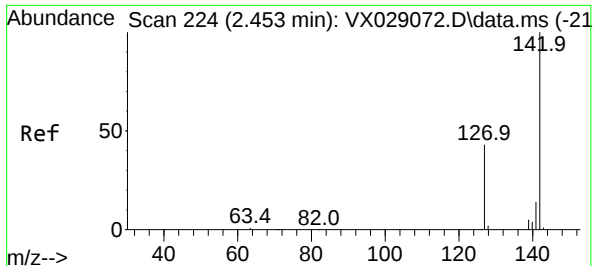
Tgt Ion: 94 Resp: 596
Ion Ratio Lower Upper
94 100
96 120.7 75.3 112.9#



#6
Chloroethane
Concen: 1.616 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

Tgt Ion: 64 Resp: 573
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

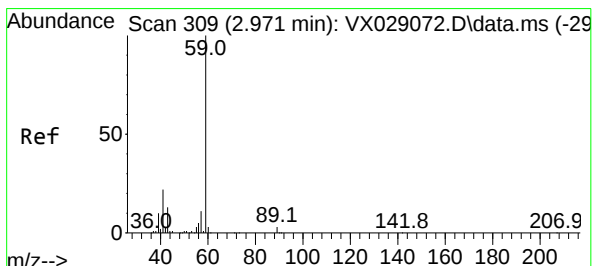
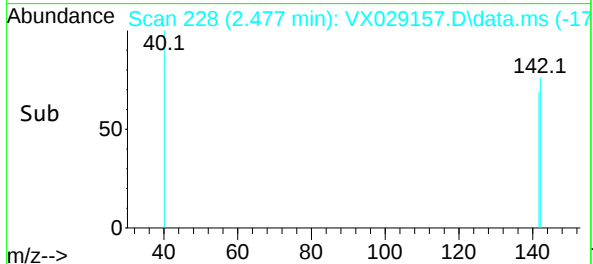
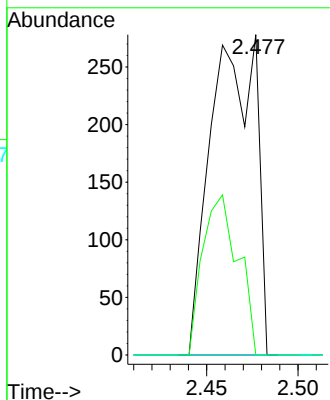
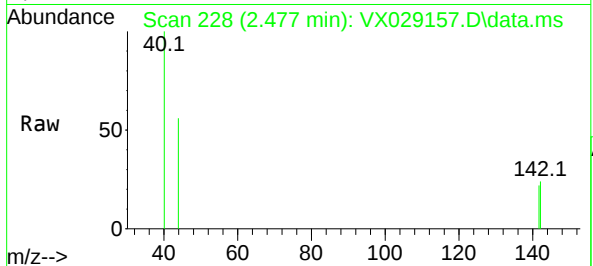




#10
Methyl Iodide
Concen: 4.356 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.024 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

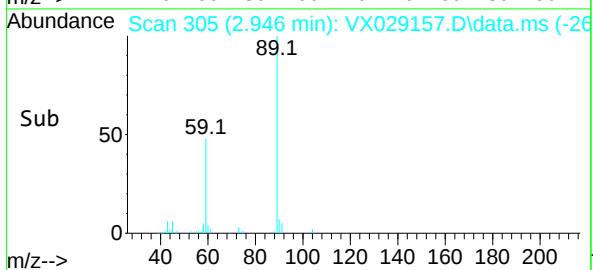
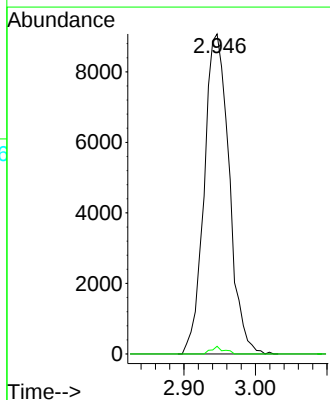
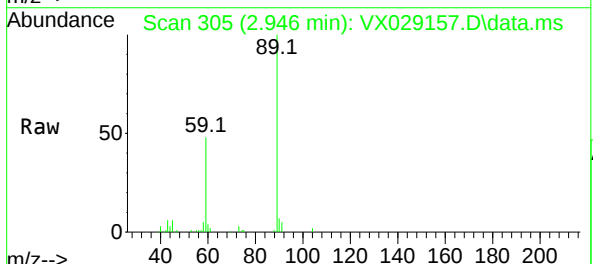
Instrument :
MSVOA_X
ClientSampleId :

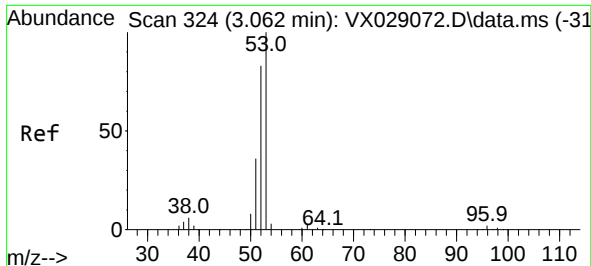
Tgt Ion:142 Resp: 477
Ion Ratio Lower Upper
142 100
127 39.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 27.963 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

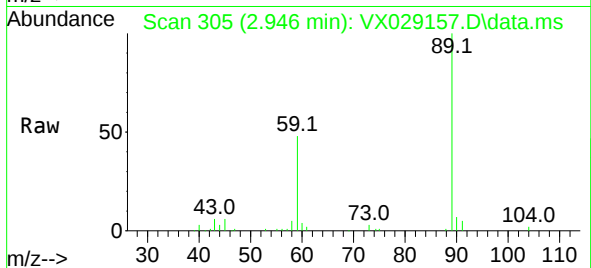
Tgt Ion: 59 Resp: 21937
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#



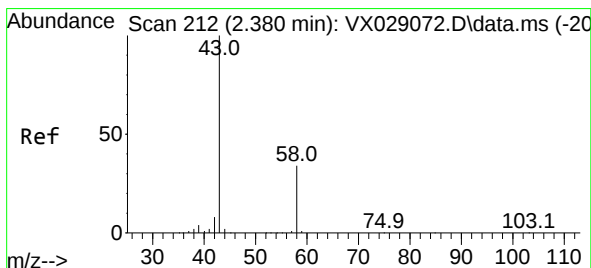
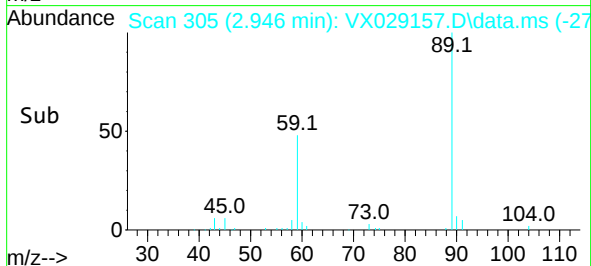
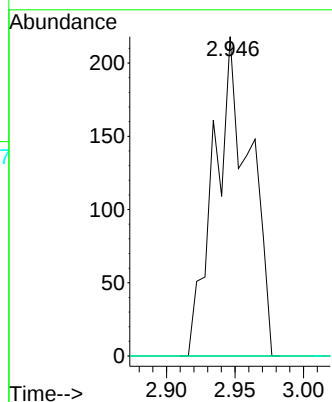


#15
Acrylonitrile
Concen: 0.246 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.116 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

Instrument :
MSVOA_X
ClientSampleId :

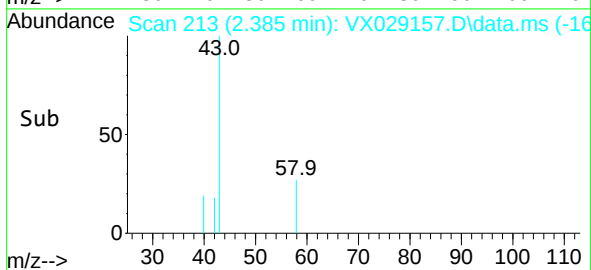
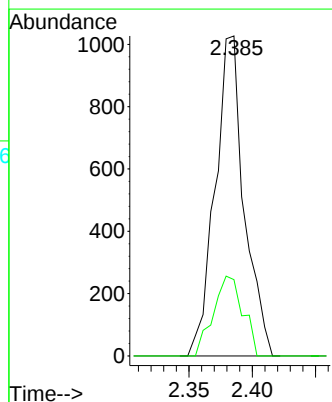
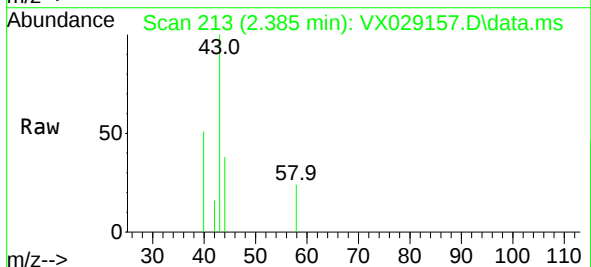


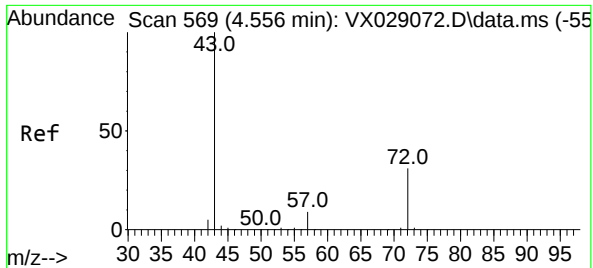
Tgt Ion: 53 Resp: 398
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 1.229 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 23.9 28.8 43.2#





#25

2-Butanone

Concen: 5.128 ug/l

RT: 4.726 min Scan# 51

Delta R.T. 0.170 min

Lab File: VX029157.D

Acq: 03 Jun 2022 00:06

Instrument :

MSVOA_X

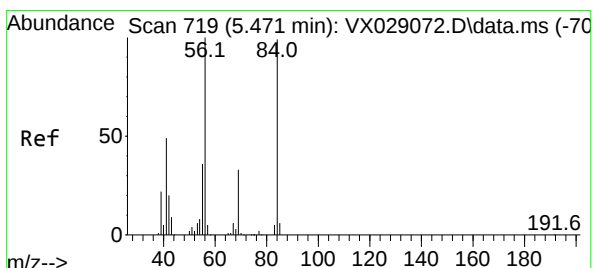
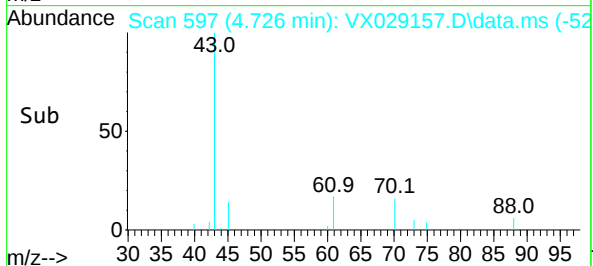
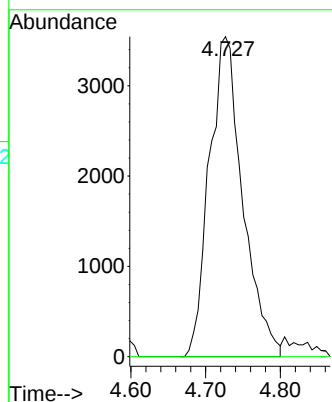
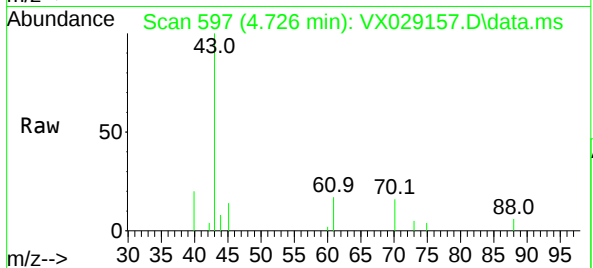
ClientSampleId :

Tgt Ion: 43 Resp: 11032

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.219 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX029157.D

Acq: 03 Jun 2022 00:06

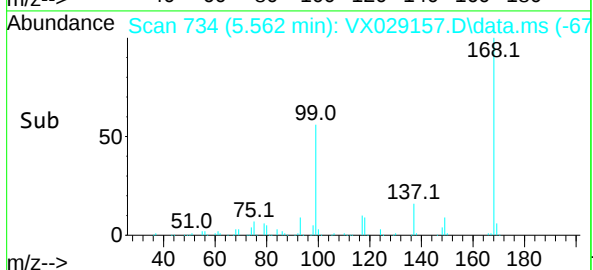
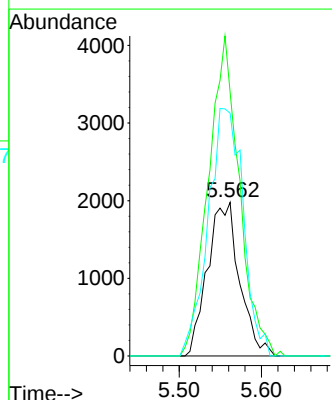
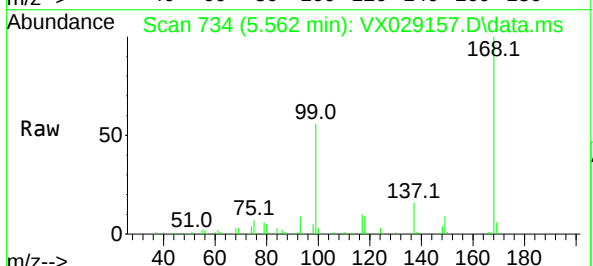
Tgt Ion: 56 Resp: 5366

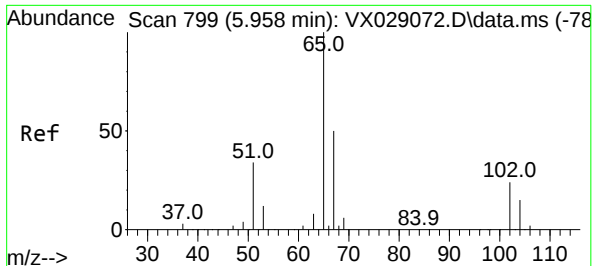
Ion Ratio Lower Upper

56 100

69 171.7 26.7 40.1#

84 158.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.368 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029157.D

Acq: 03 Jun 2022 00:06

Instrument :

MSVOA_X

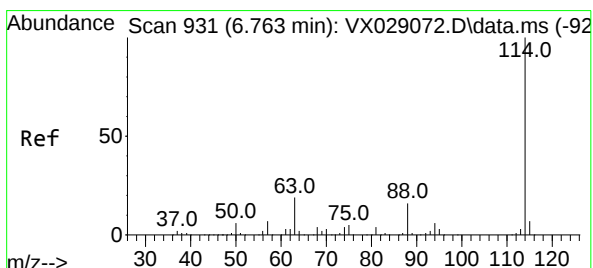
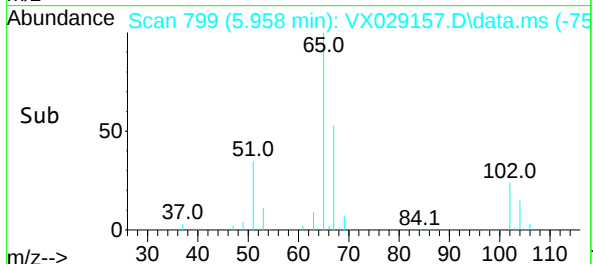
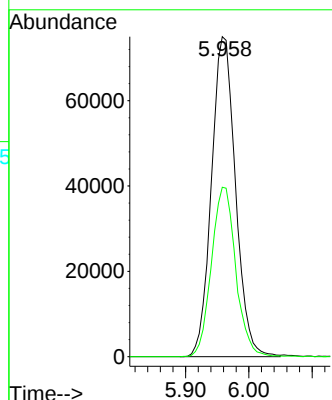
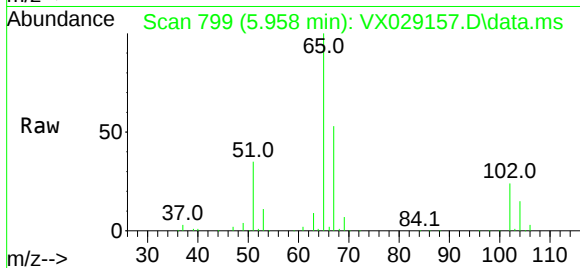
ClientSampleId :

Tgt Ion: 65 Resp: 197666

Ion Ratio Lower Upper

65 100

67 53.6 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: VX029157.D

Acq: 03 Jun 2022 00:06

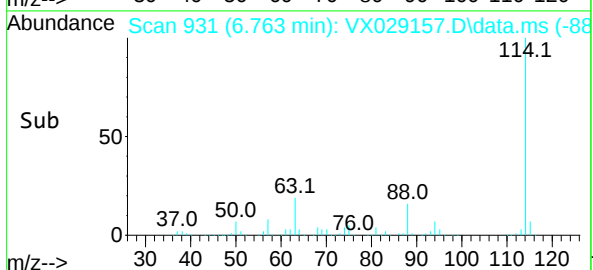
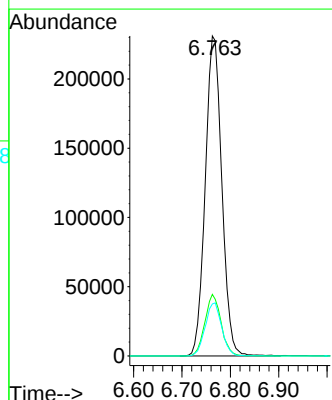
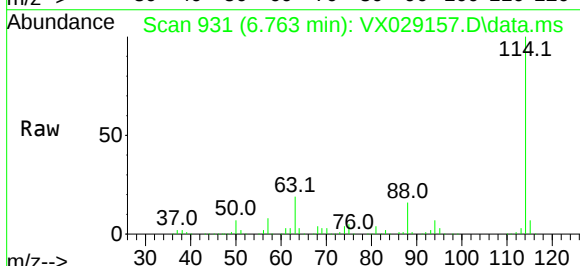
Tgt Ion: 114 Resp: 549914

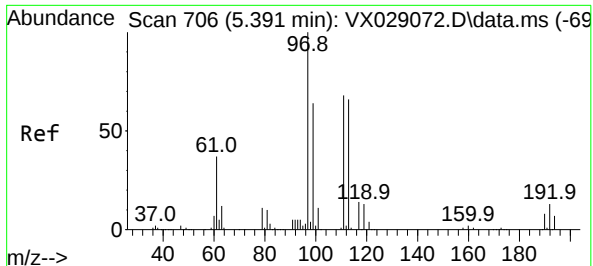
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.277 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

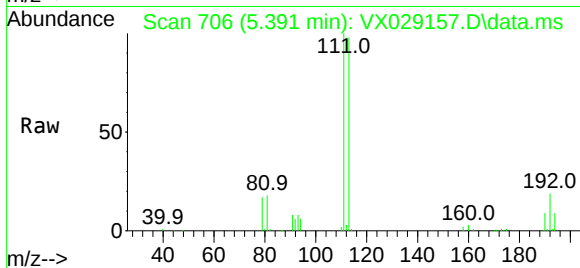
Lab File: VX029157.D

Acq: 03 Jun 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :



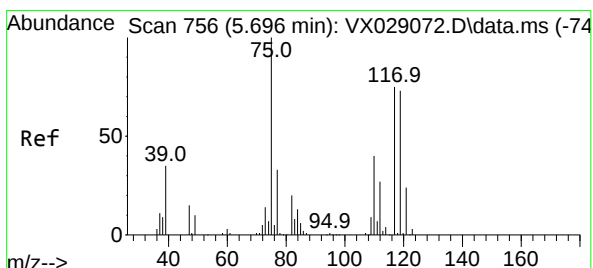
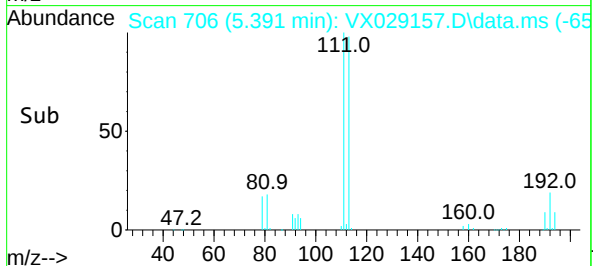
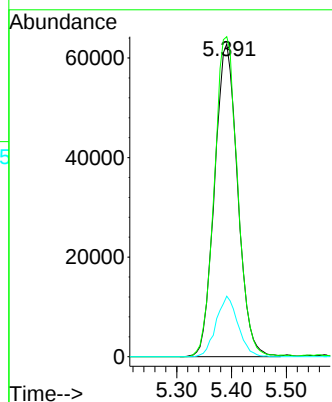
Tgt Ion:113 Resp: 183645

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.831 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029157.D

Acq: 03 Jun 2022 00:06

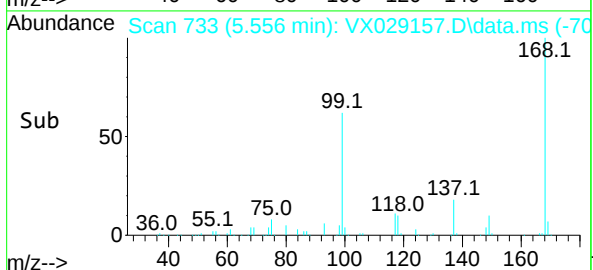
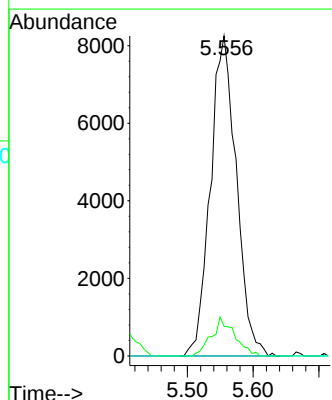
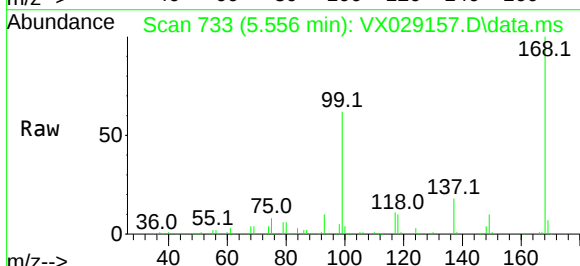
Tgt Ion: 75 Resp: 22704

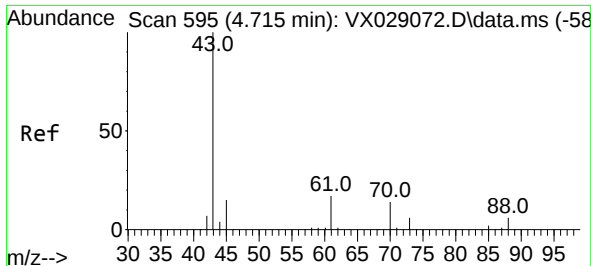
Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

77 0.0 24.8 37.2#

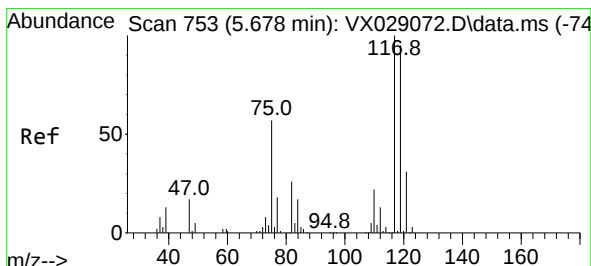
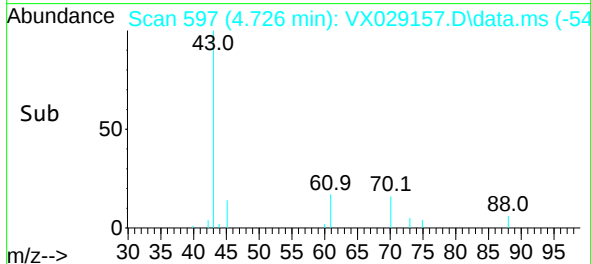
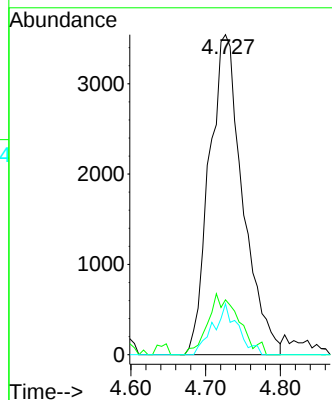
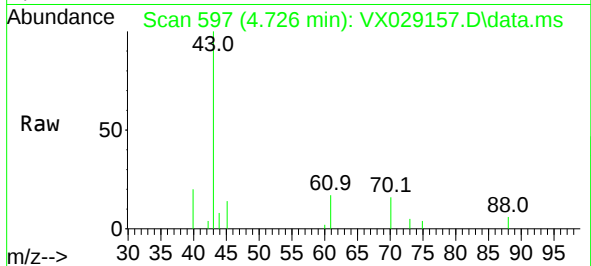




#37
Ethyl Acetate
Concen: 2.422 ug/l
RT: 4.726 min Scan# 595
Delta R.T. 0.011 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

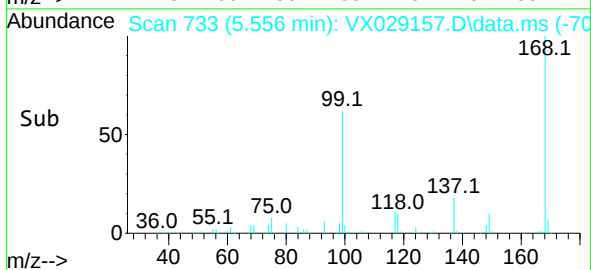
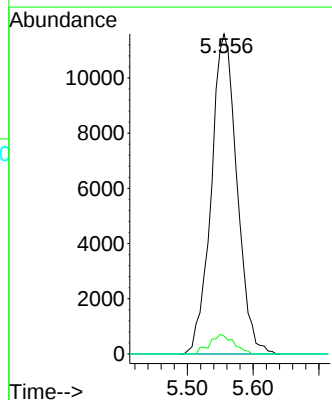
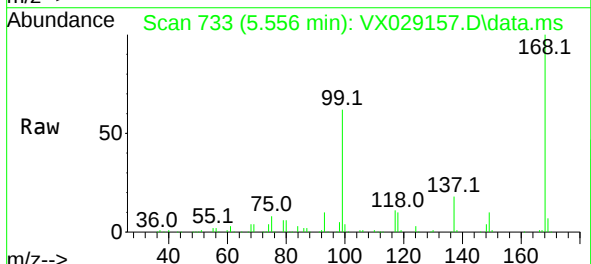
Instrument :
MSVOA_X
ClientSampleId :

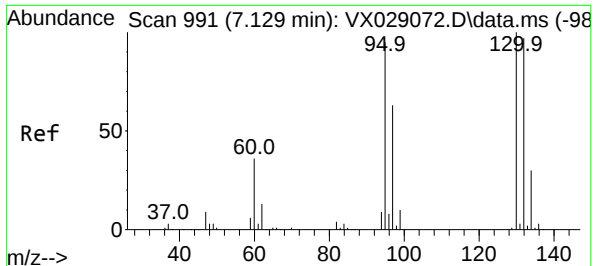
Tgt Ion: 43 Resp: 11032
Ion Ratio Lower Upper
43 100
61 17.7 12.6 19.0
70 11.8 10.2 15.2



#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

Tgt Ion: 117 Resp: 31625
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#

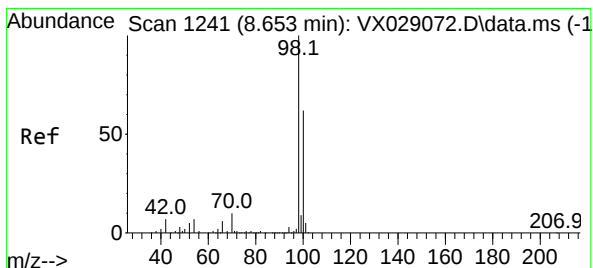
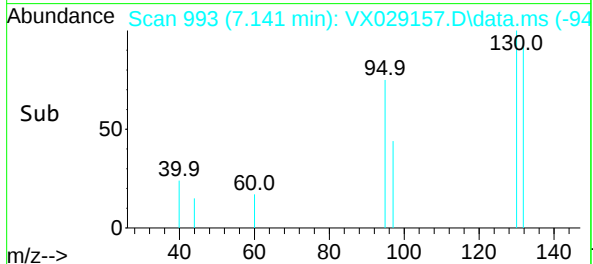
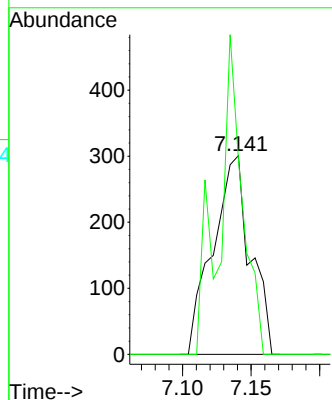
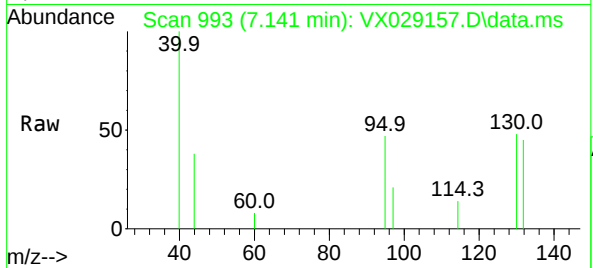




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

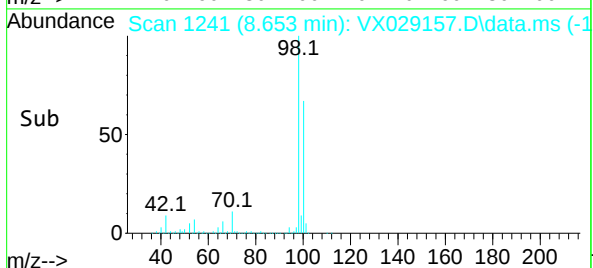
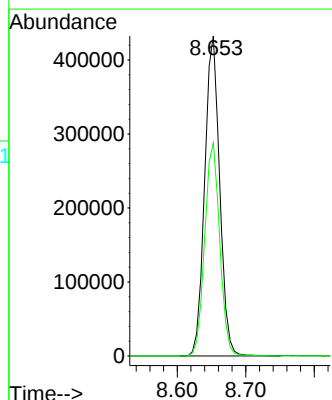
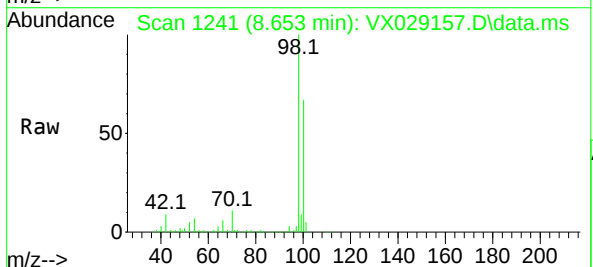
Instrument :
MSVOA_X
ClientSampleId :

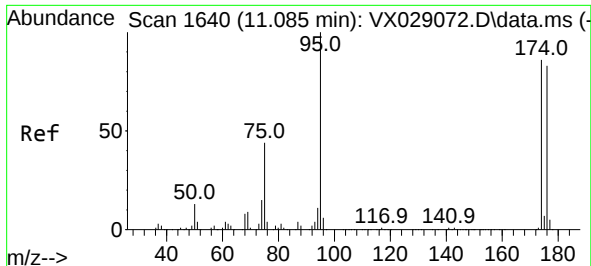
Tgt Ion:130 Resp: 576
Ion Ratio Lower Upper
130 100
95 98.0 0.0 188.8



#50
Toluene-d8
Concen: 49.289 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029157.D
Acq: 03 Jun 2022 00:06

Tgt Ion: 98 Resp: 658466
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 49.698 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029157.D

Acq: 03 Jun 2022 00:06

Instrument :

MSVOA_X

ClientSampleId :

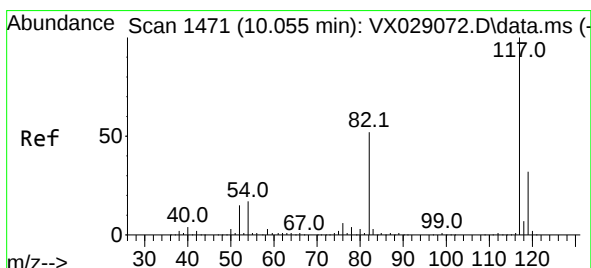
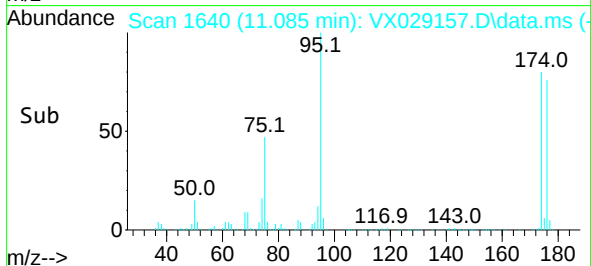
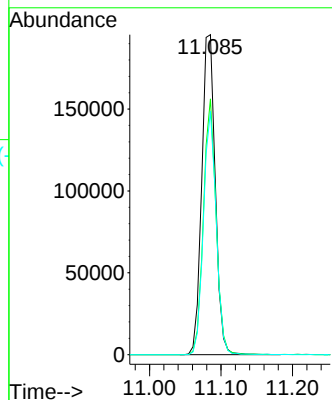
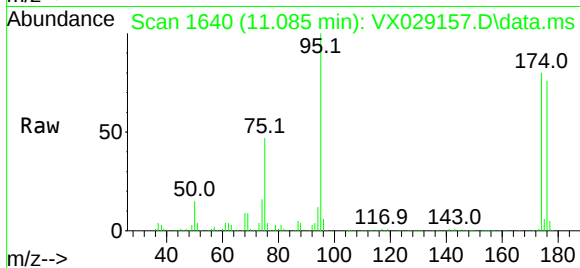
Tgt Ion: 95 Resp: 256643

Ion Ratio Lower Upper

95 100

174 74.7 0.0 163.0

176 71.8 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: VX029157.D

Acq: 03 Jun 2022 00:06

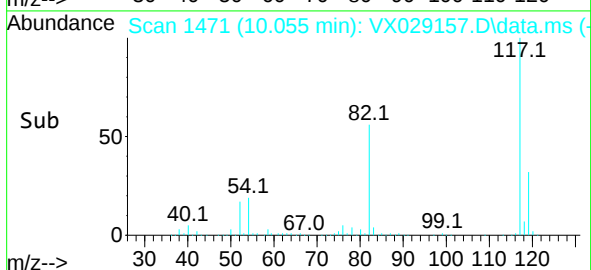
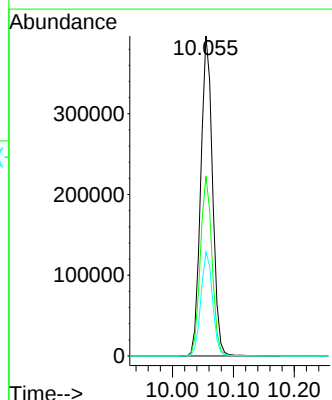
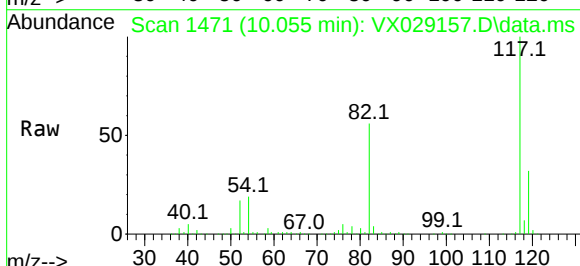
Tgt Ion: 117 Resp: 533703

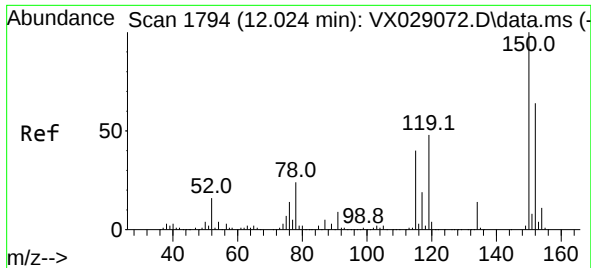
Ion Ratio Lower Upper

117 100

82 56.1 41.8 62.8

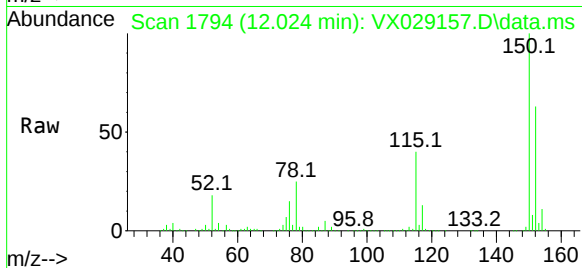
119 32.5 24.8 37.2



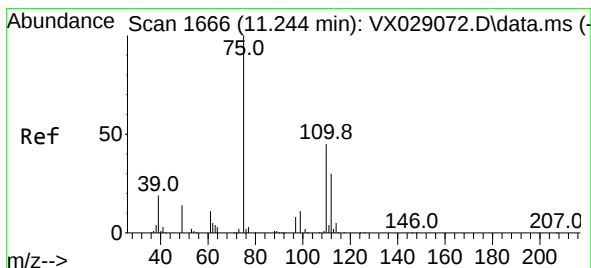
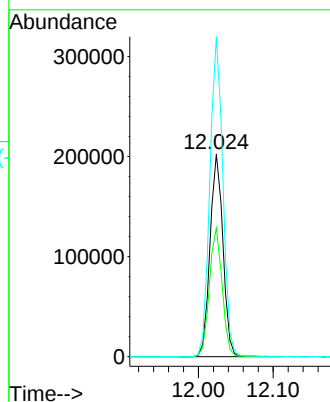
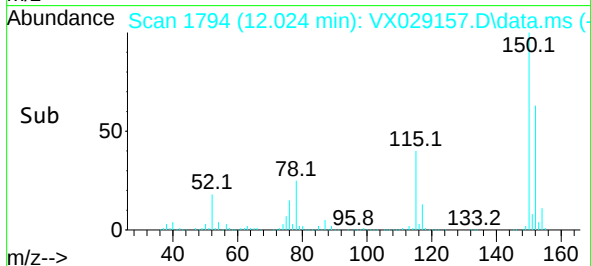


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029157.D
 Acq: 03 Jun 2022 00:06

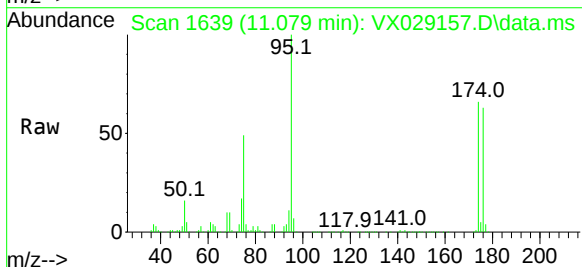
Instrument :
 MSVOA_X
 ClientSampleId :



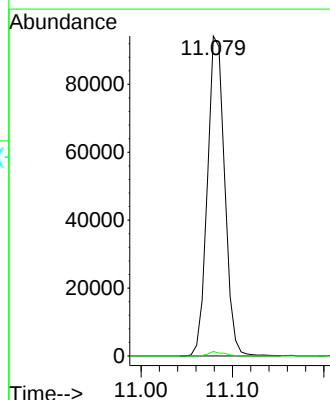
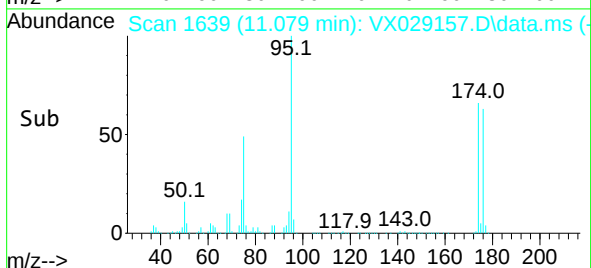
Tgt Ion:152 Resp: 243455
 Ion Ratio Lower Upper
 152 100
 115 62.5 37.5 112.7
 150 158.3 0.0 338.2

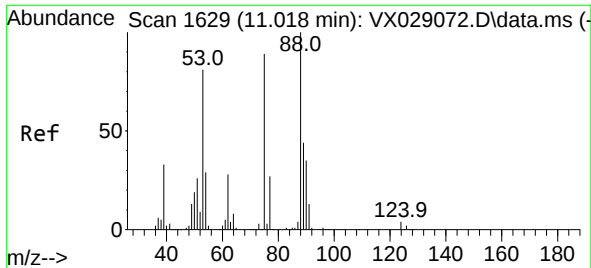


#76
 1,2,3-Trichloropropane
 Concen: 24.967 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029157.D
 Acq: 03 Jun 2022 00:06



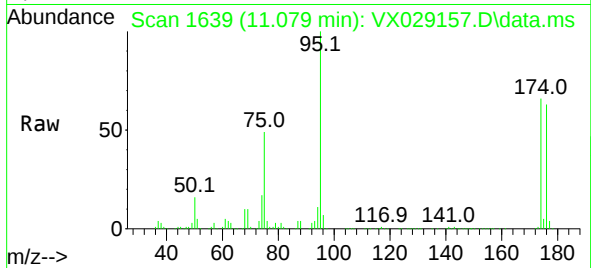
Tgt Ion: 75 Resp: 123217
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.248 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029157.D
 Acq: 03 Jun 2022 00:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 123217
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

