

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029224.D
 Acq On : 04 Jun 2022 04:49
 Operator : JC/MD
 Sample : N3165-20 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 44BR-20220601

Quant Time: Jun 06 02:41:00 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)

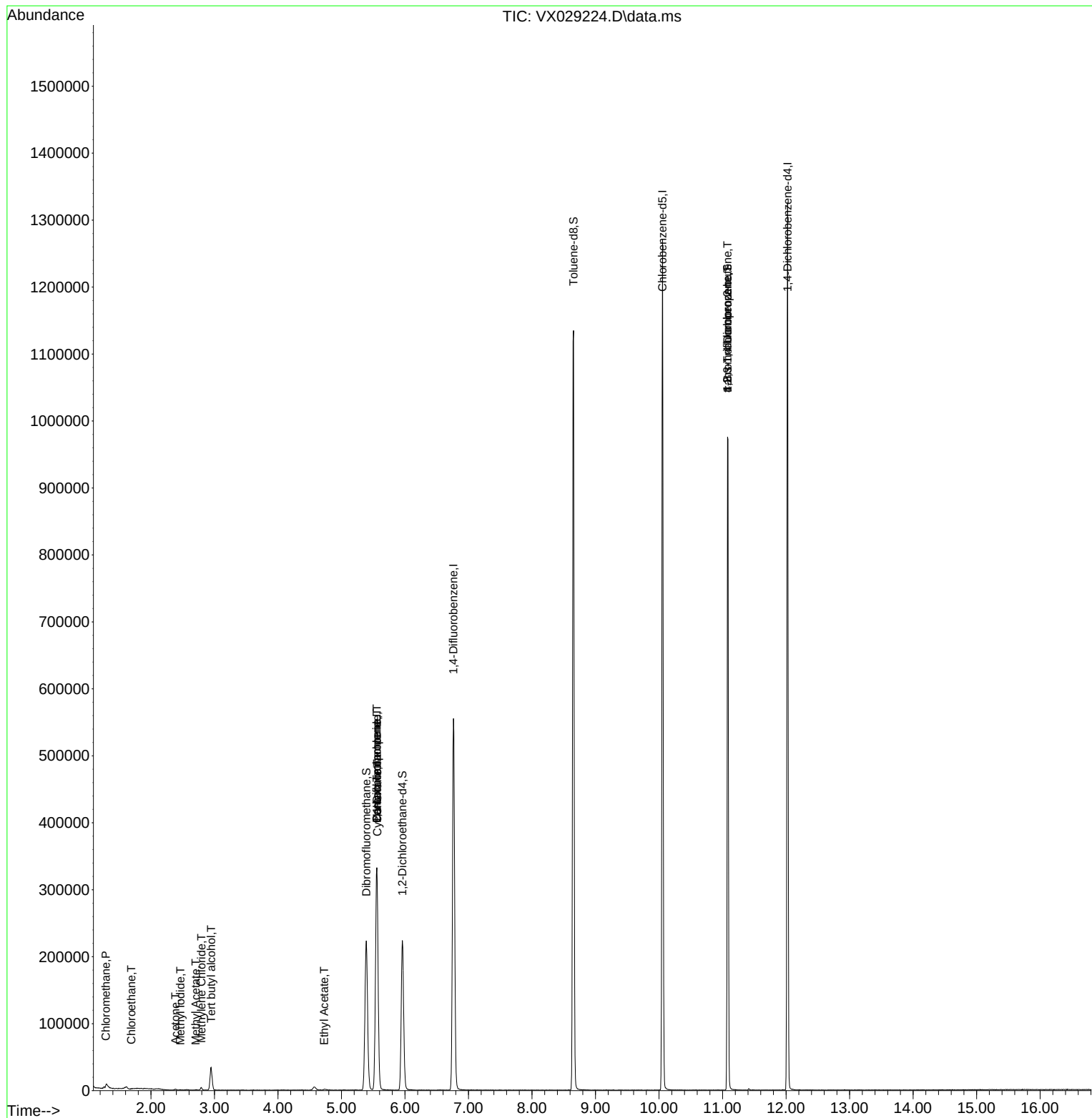
Internal Standards						
1) Pentafluorobenzene	5.556	168	313130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	592582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218227	61.803	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 123.600%	
35) Dibromofluoromethane	5.391	113	196864	50.015	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.040%	
50) Toluene-d8	8.653	98	703843	48.892	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.079	95	284949	51.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	636	0.223	ug/l #	61
5) Bromomethane	1.624	94	646	Below Cal	#	59
6) Chloroethane	1.691	64	453	1.565	ug/l #	43
10) Methyl Iodide	2.465	142	371	4.323	ug/l #	79
11) Tert butyl alcohol	2.946	59	20014	24.468	ug/l #	74
16) Acetone	2.386	43	1620	1.165	ug/l	95
18) Methyl Acetate	2.703	43	823	0.229	ug/l #	69
20) Methylene Chloride	2.794	84	1959	0.604	ug/l #	84
31) Cyclohexane	5.562	56	5981	1.303	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24185	4.775	ug/l #	50
37) Ethyl Acetate	4.727	43	2162	0.440	ug/l #	86
38) Carbon Tetrachloride	5.556	117	33360	5.764	ug/l #	15
44) Trichloroethene	7.135	130	33	Below Cal		2
76) 1,2,3-Trichloropropane	11.079	75	136938	24.705	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	136938	72.480	ug/l #	15

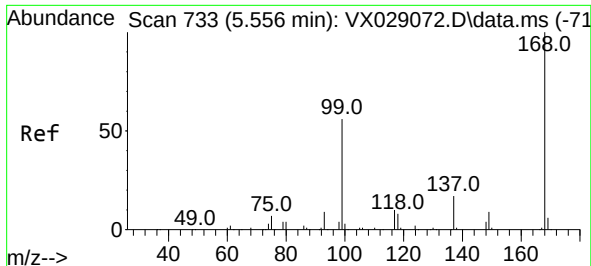
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
Data File : VX029224.D
Acq On : 04 Jun 2022 04:49
Operator : JC/MD
Sample : N3165-20 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

Quant Time: Jun 06 02:41:00 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

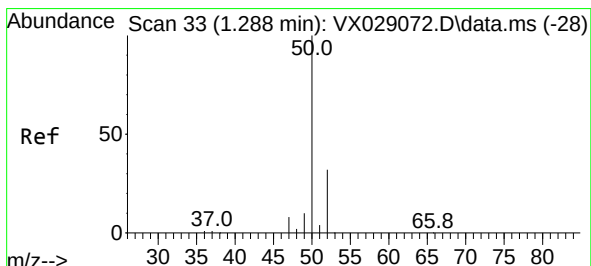
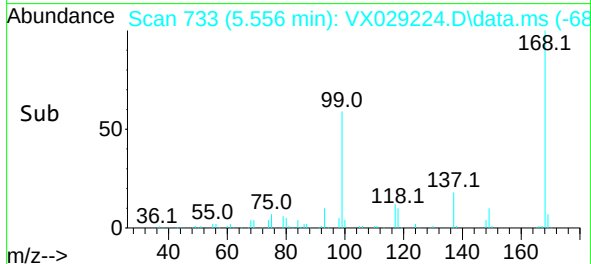
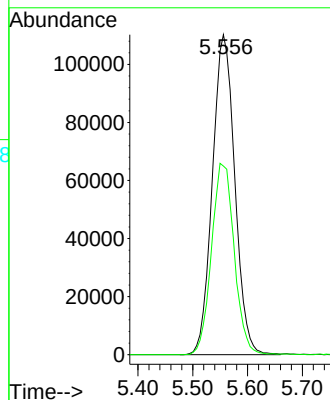
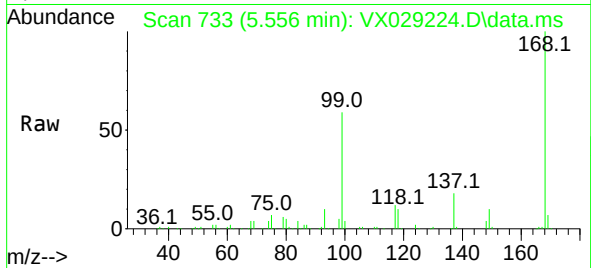




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

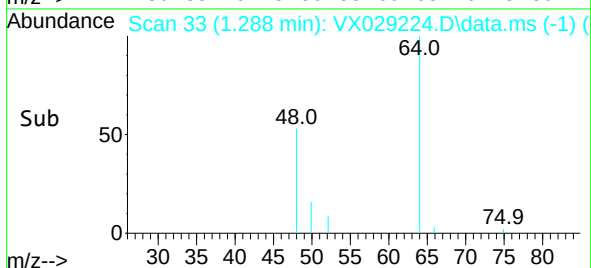
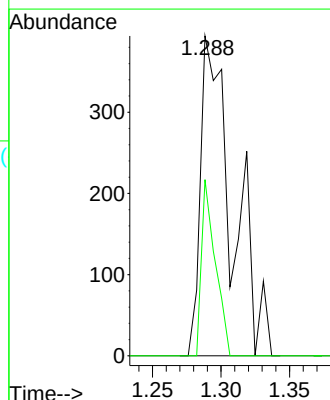
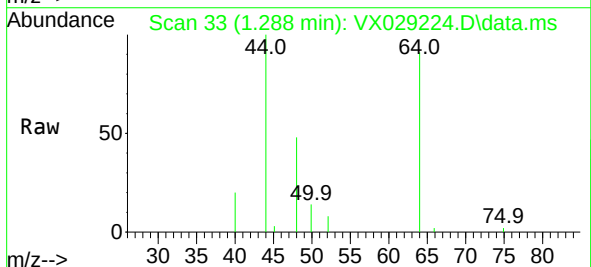
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

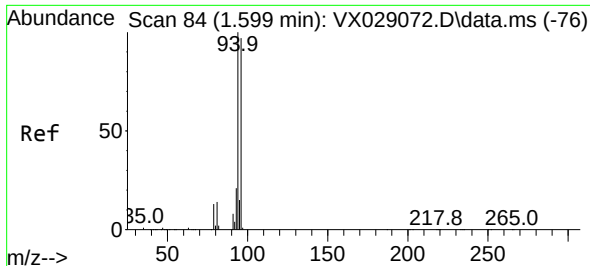
Tgt Ion:168 Resp: 313130
Ion Ratio Lower Upper
168 100
99 59.0 41.7 62.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 50 Resp: 636
Ion Ratio Lower Upper
50 100
52 55.1 26.4 39.6#

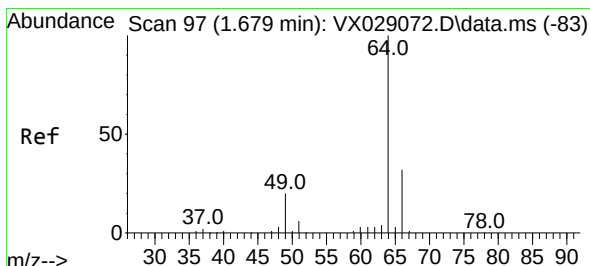
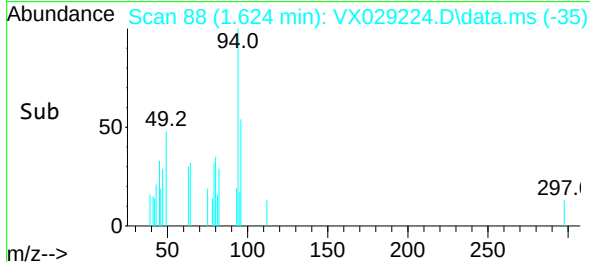
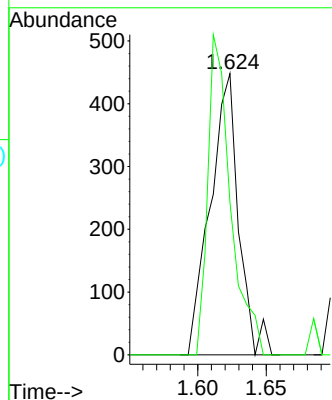
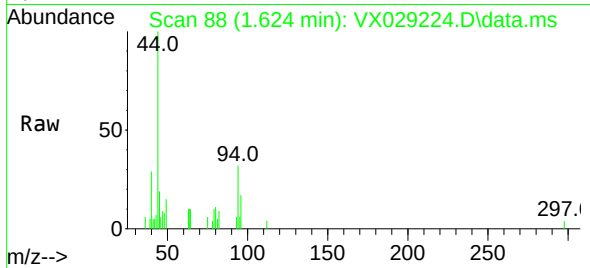




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

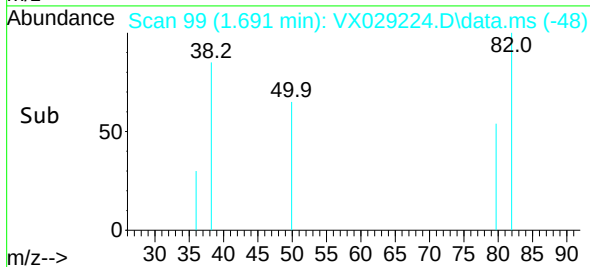
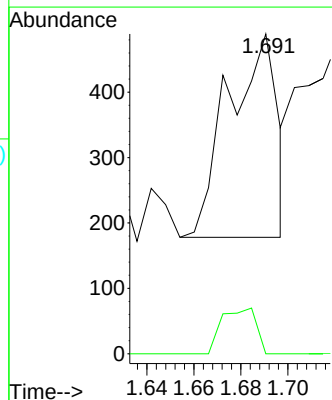
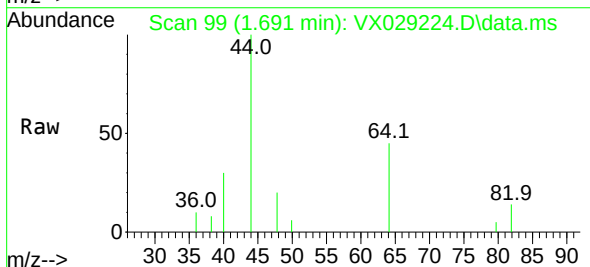
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

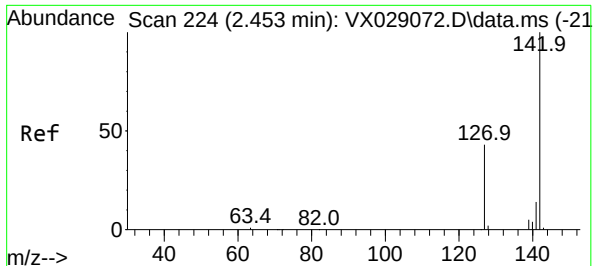
Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 54.2 75.3 112.9#



#6
Chloroethane
Concen: 1.565 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 64 Resp: 453
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

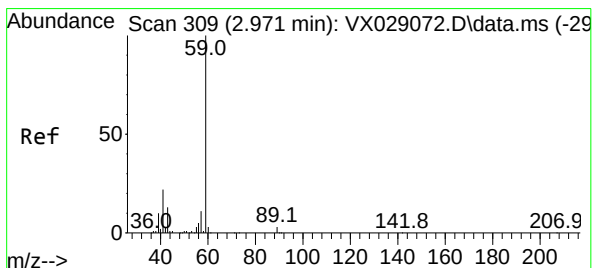
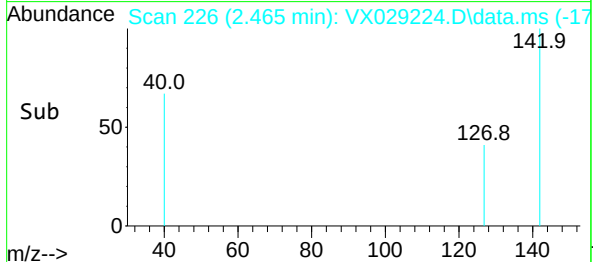
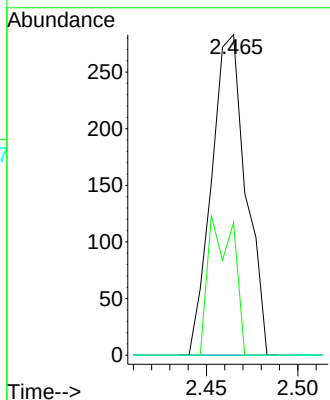
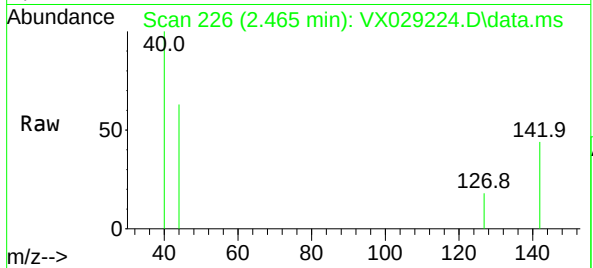




#10
Methyl Iodide
Concen: 4.323 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

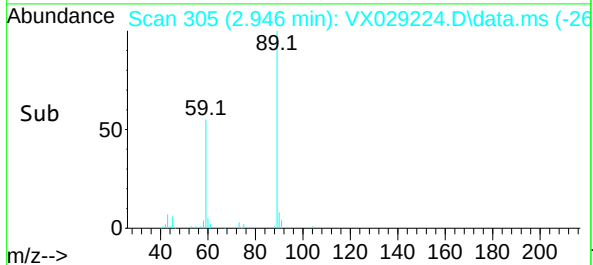
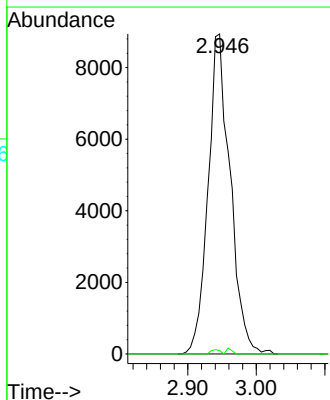
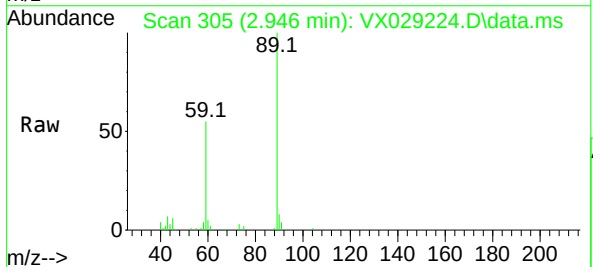
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

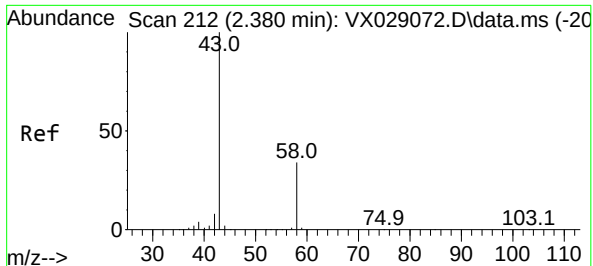
Tgt Ion:142 Resp: 371
Ion Ratio Lower Upper
142 100
127 32.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 24.468 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 59 Resp: 20014
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#

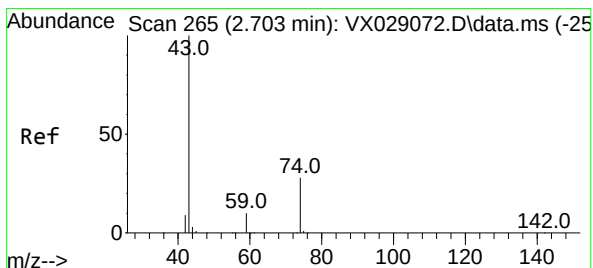
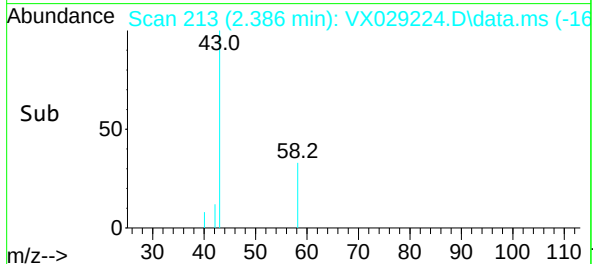
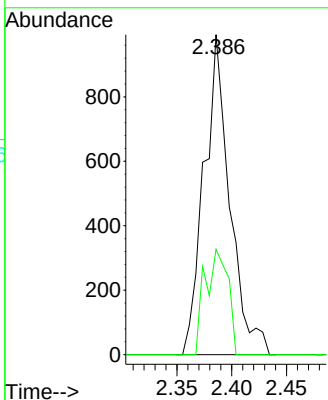
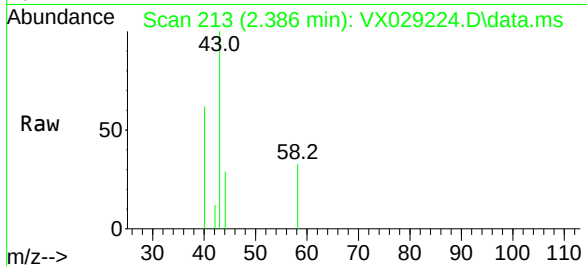




#16
Acetone
Concen: 1.165 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

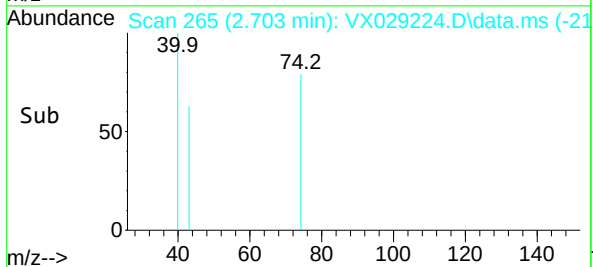
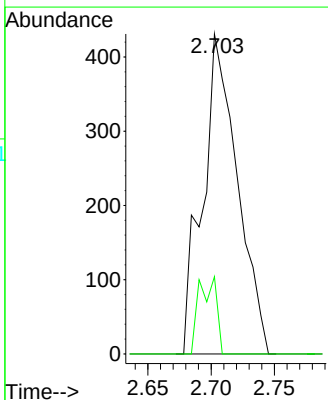
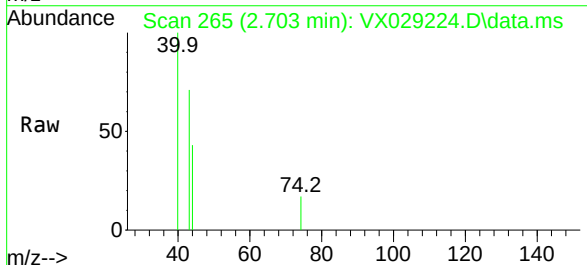
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

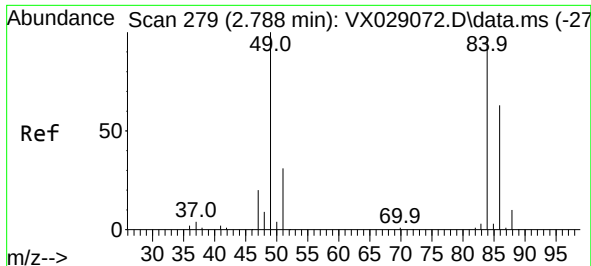
Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 32.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
74 12.2 22.8 34.2#

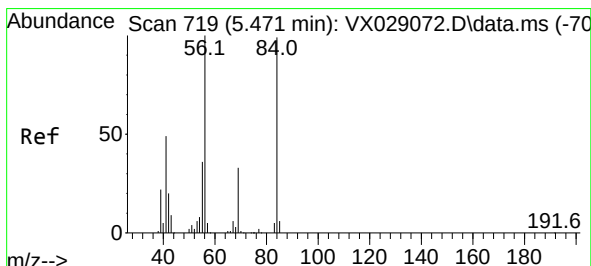
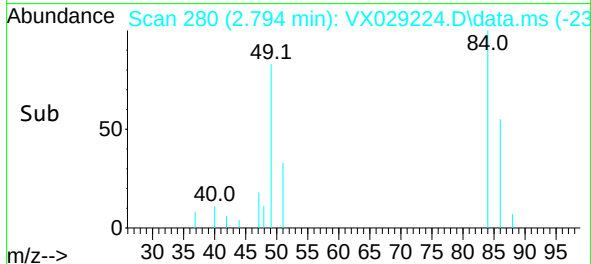
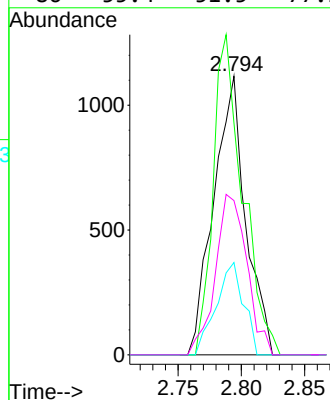
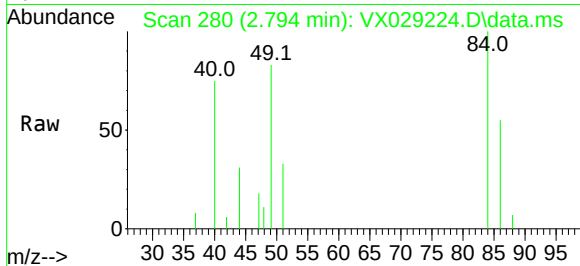




#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

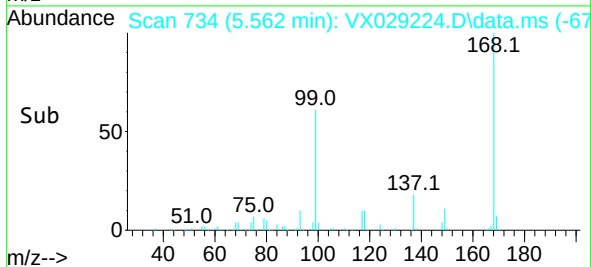
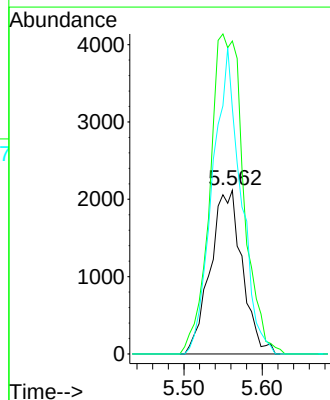
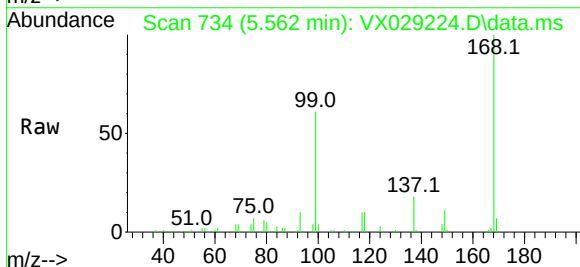
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

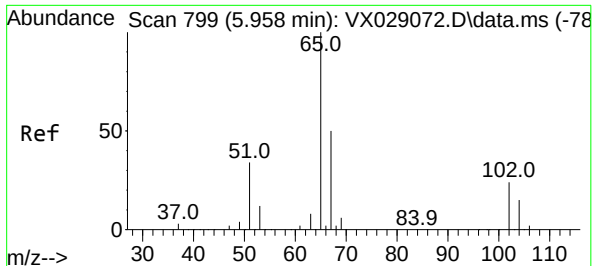
Tgt Ion: 84	Resp: 1959
Ion Ratio	Lower Upper
84 100	
49 83.2	85.5 128.3#
51 33.2	26.6 39.8
86 55.4	51.5 77.3



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 56	Resp: 5981		
Ion Ratio	Lower	Upper	
56	100		
69	191.1	26.7	40.1#
84	150.0	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.803 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029224.D

Acq: 04 Jun 2022 04:49

Instrument :

MSVOA_X

ClientSampleId :

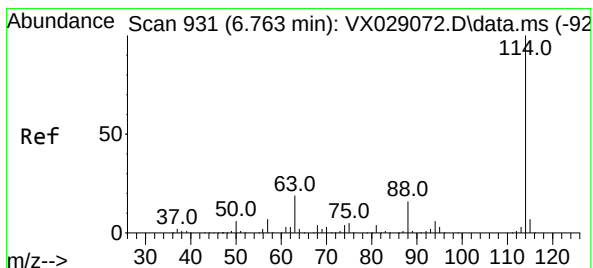
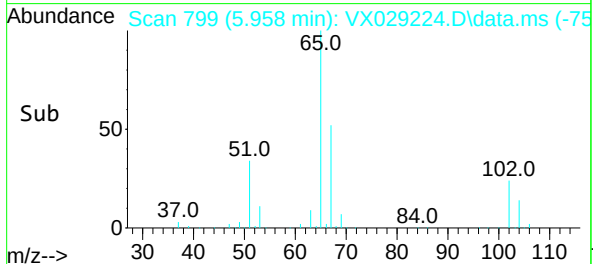
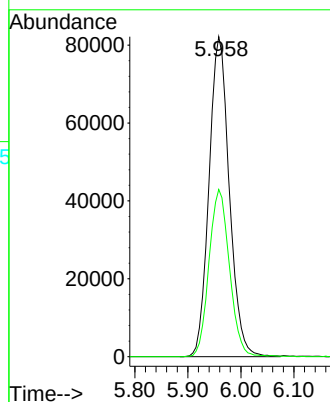
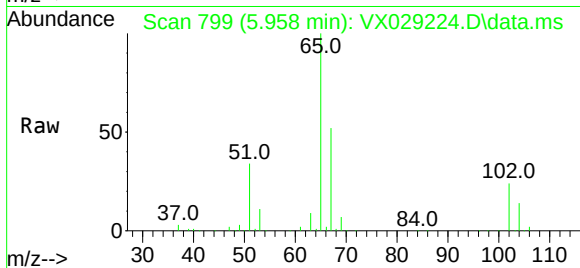
44BR-20220601

Tgt Ion: 65 Resp: 218227

Ion Ratio Lower Upper

65 100

67 52.8 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: VX029224.D

Acq: 04 Jun 2022 04:49

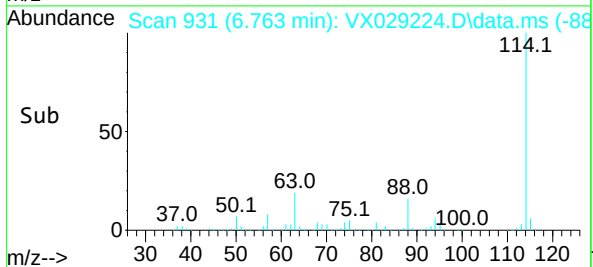
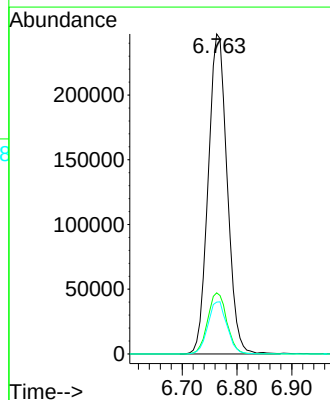
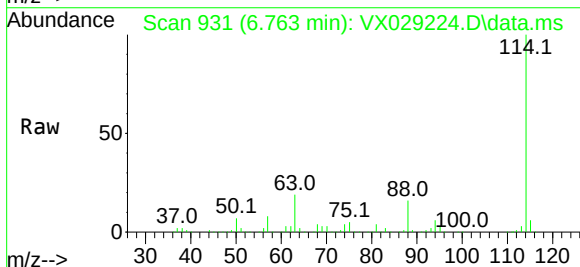
Tgt Ion: 114 Resp: 592582

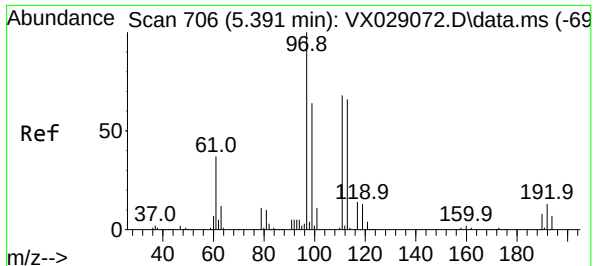
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.2 0.0 32.4

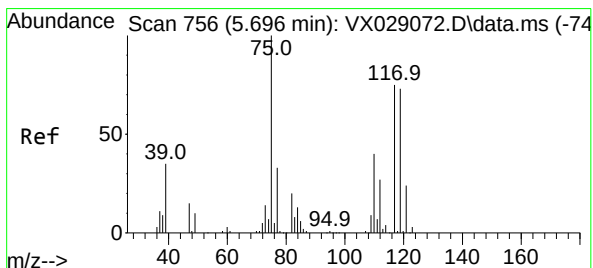
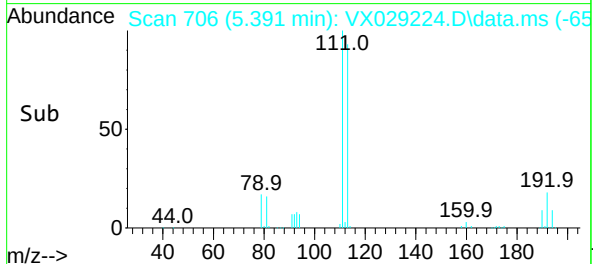
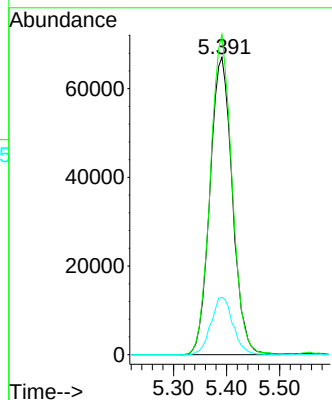
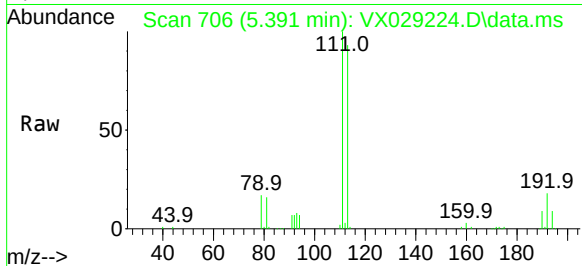




#35
Dibromofluoromethane
Concen: 50.015 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

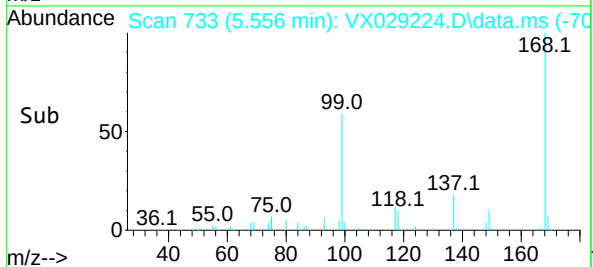
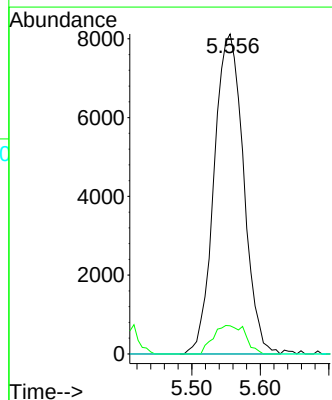
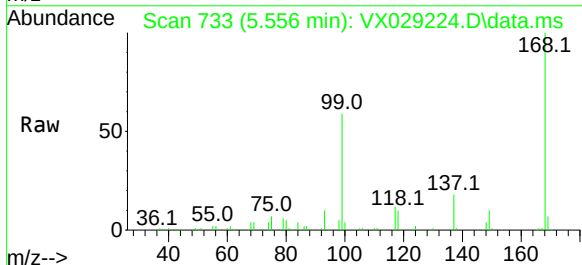
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

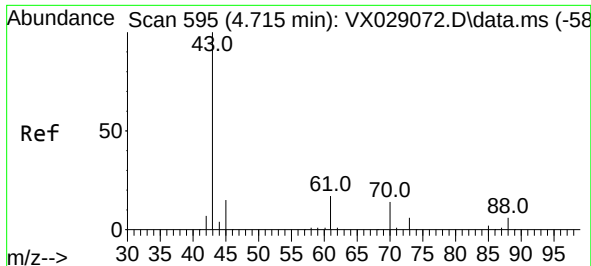
Tgt Ion:113 Resp: 196864
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 75 Resp: 24185
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.440 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX029224.D

Acq: 04 Jun 2022 04:49

Instrument :

MSVOA_X

ClientSampleId :

44BR-20220601

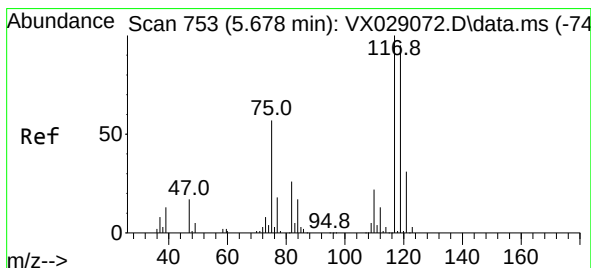
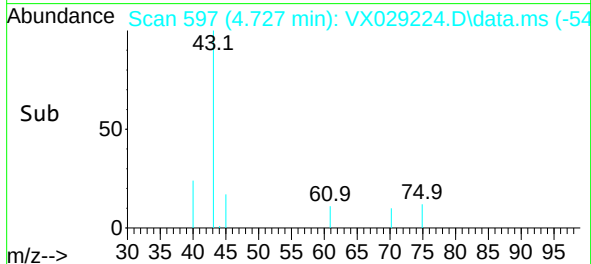
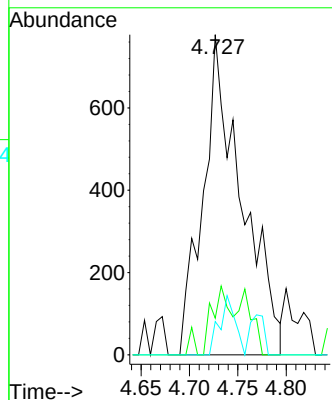
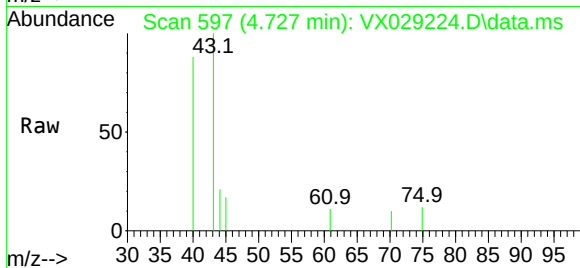
Tgt Ion: 43 Resp: 2162

Ion Ratio Lower Upper

43 100

61 10.0 12.6 19.0#

70 7.4 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.764 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029224.D

Acq: 04 Jun 2022 04:49

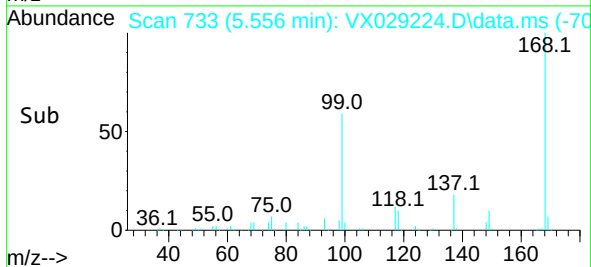
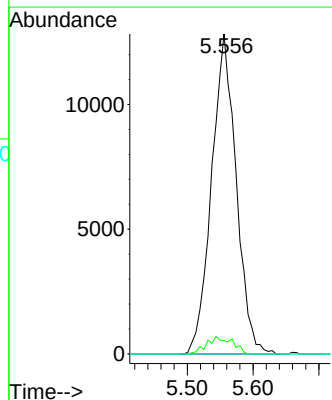
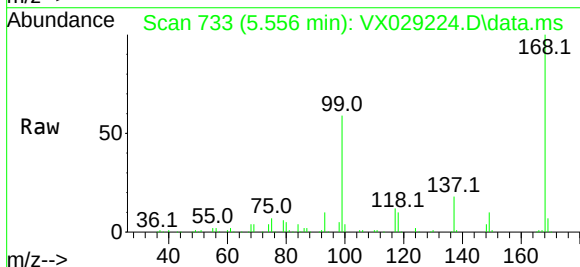
Tgt Ion: 117 Resp: 33360

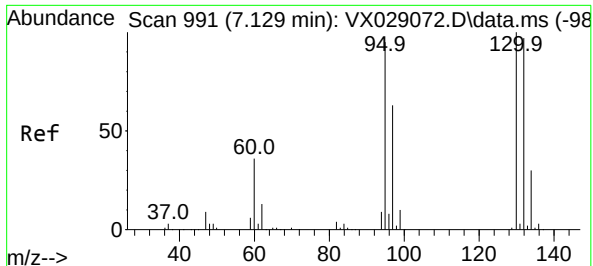
Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

121 0.0 24.2 36.2#

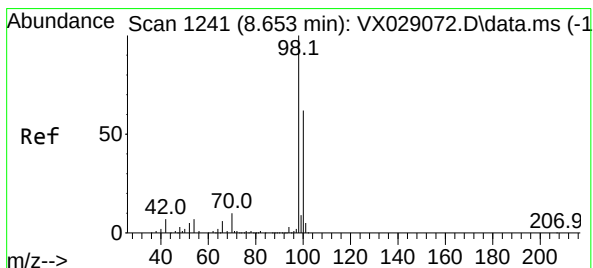
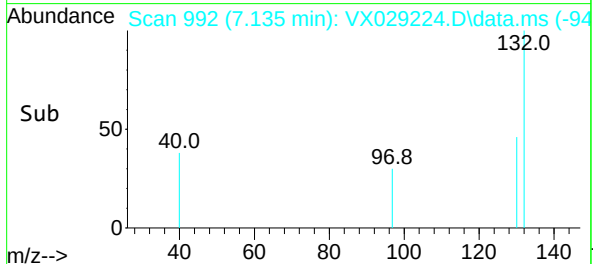
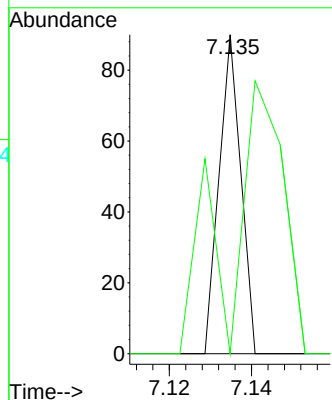
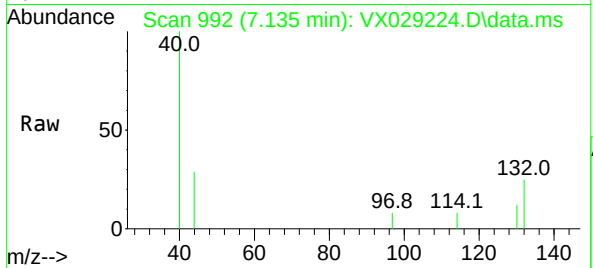




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

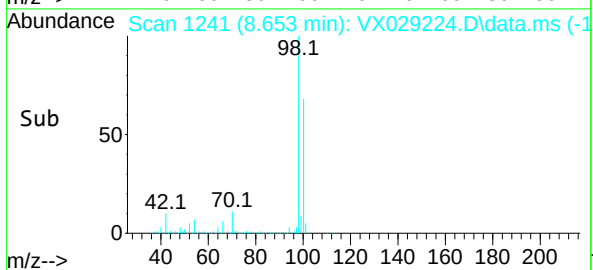
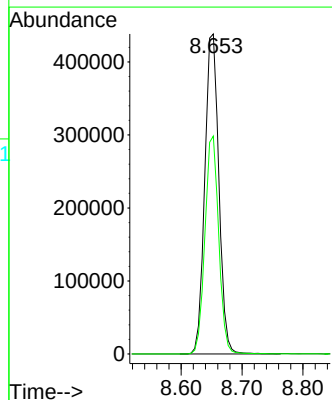
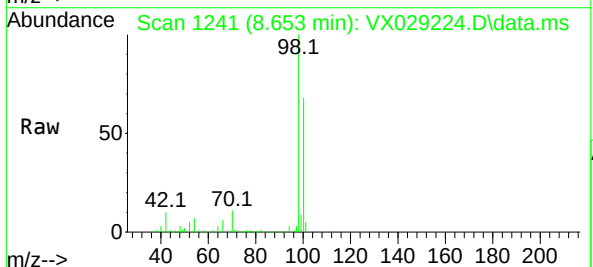
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

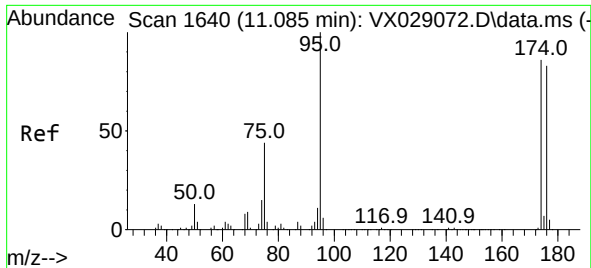
Tgt Ion:130 Resp: 33
Ion Ratio Lower Upper
130 100
95 0.0 0.0 188.8



#50
Toluene-d8
Concen: 48.892 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 98 Resp: 703843
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

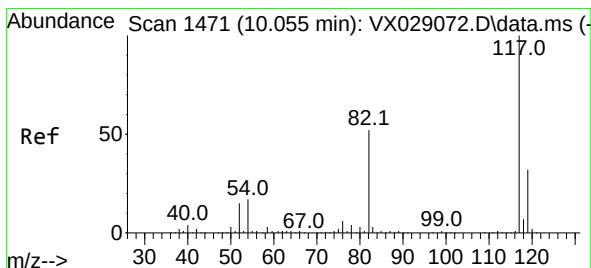
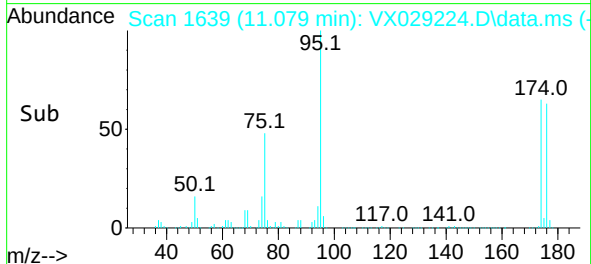
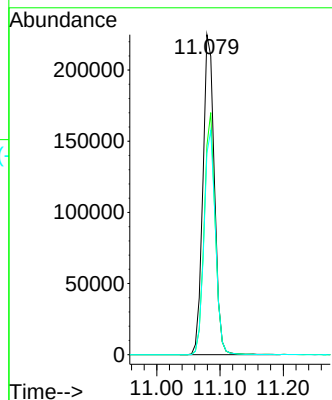
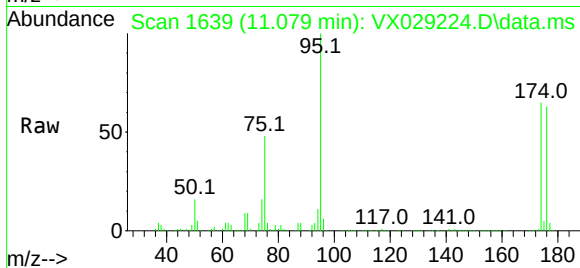




#62
4-Bromofluorobenzene
Concen: 51.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

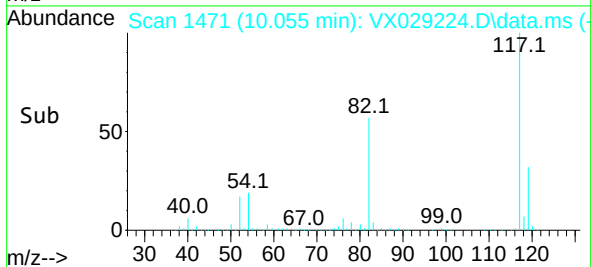
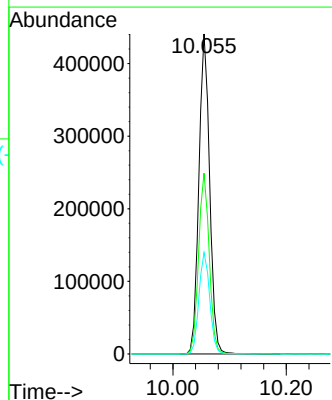
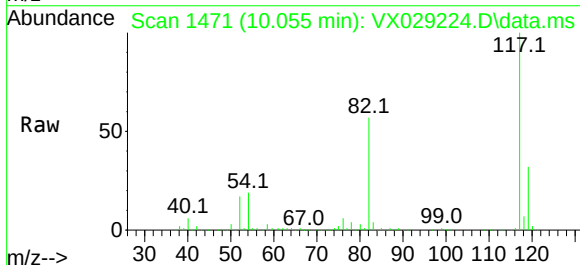
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

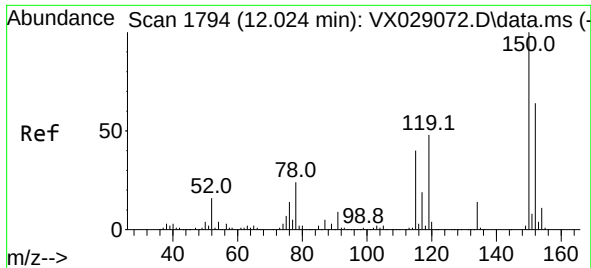
Tgt Ion: 95 Resp: 284949
Ion Ratio Lower Upper
95 100
174 72.1 0.0 163.0
176 69.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029224.D
Acq: 04 Jun 2022 04:49

Tgt Ion: 117 Resp: 579023
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.7 24.8 37.2

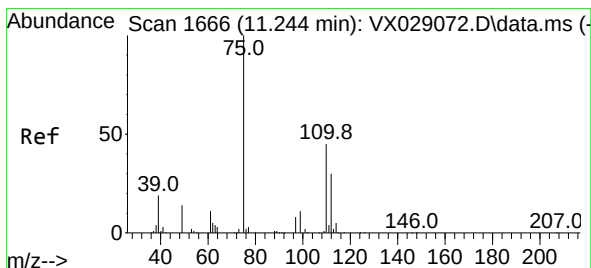
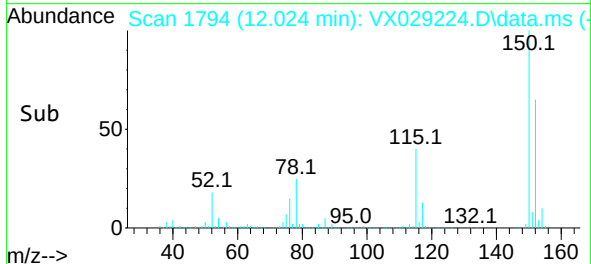
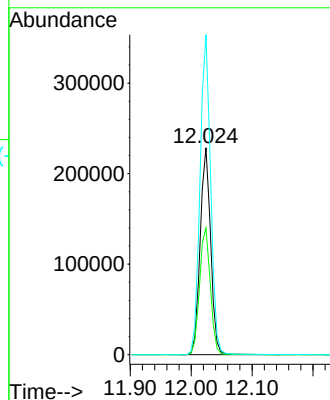
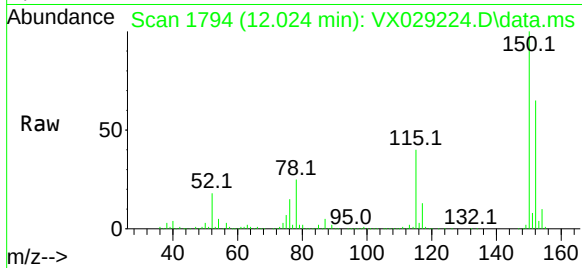




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029224.D
 Acq: 04 Jun 2022 04:49

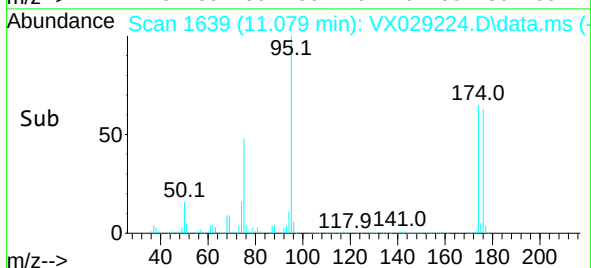
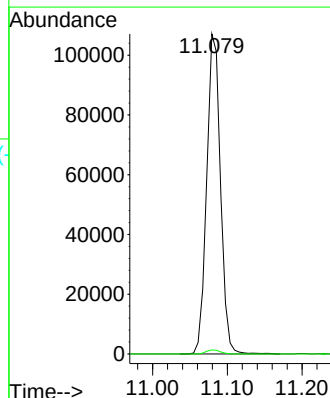
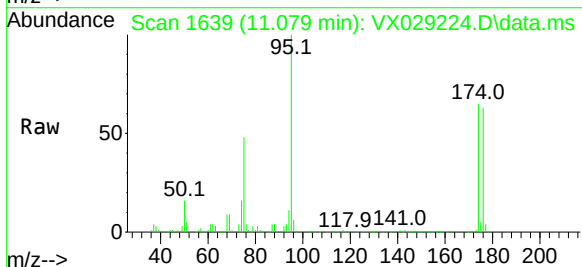
Instrument :
 MSVOA_X
 ClientSampleId :
 44BR-20220601

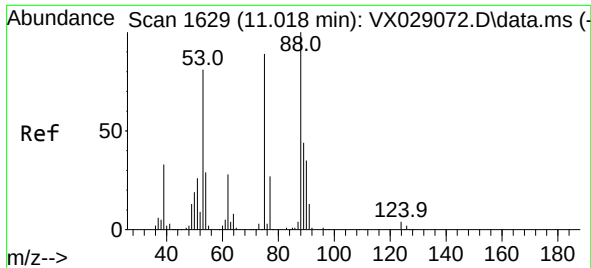
Tgt Ion:152 Resp: 273431
 Ion Ratio Lower Upper
 152 100
 115 63.0 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.705 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029224.D
 Acq: 04 Jun 2022 04:49

Tgt Ion: 75 Resp: 136938
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.480 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029224.D
 Acq: 04 Jun 2022 04:49

Instrument :
 MSVOA_X
 ClientSampleId :
 44BR-20220601

Tgt Ion: 75 Resp: 136938
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

