

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029222.D
 Acq On : 04 Jun 2022 04:03
 Operator : JC/MD
 Sample : N3165-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 21BR-20220601

Quant Time: Jun 06 02:40:42 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)

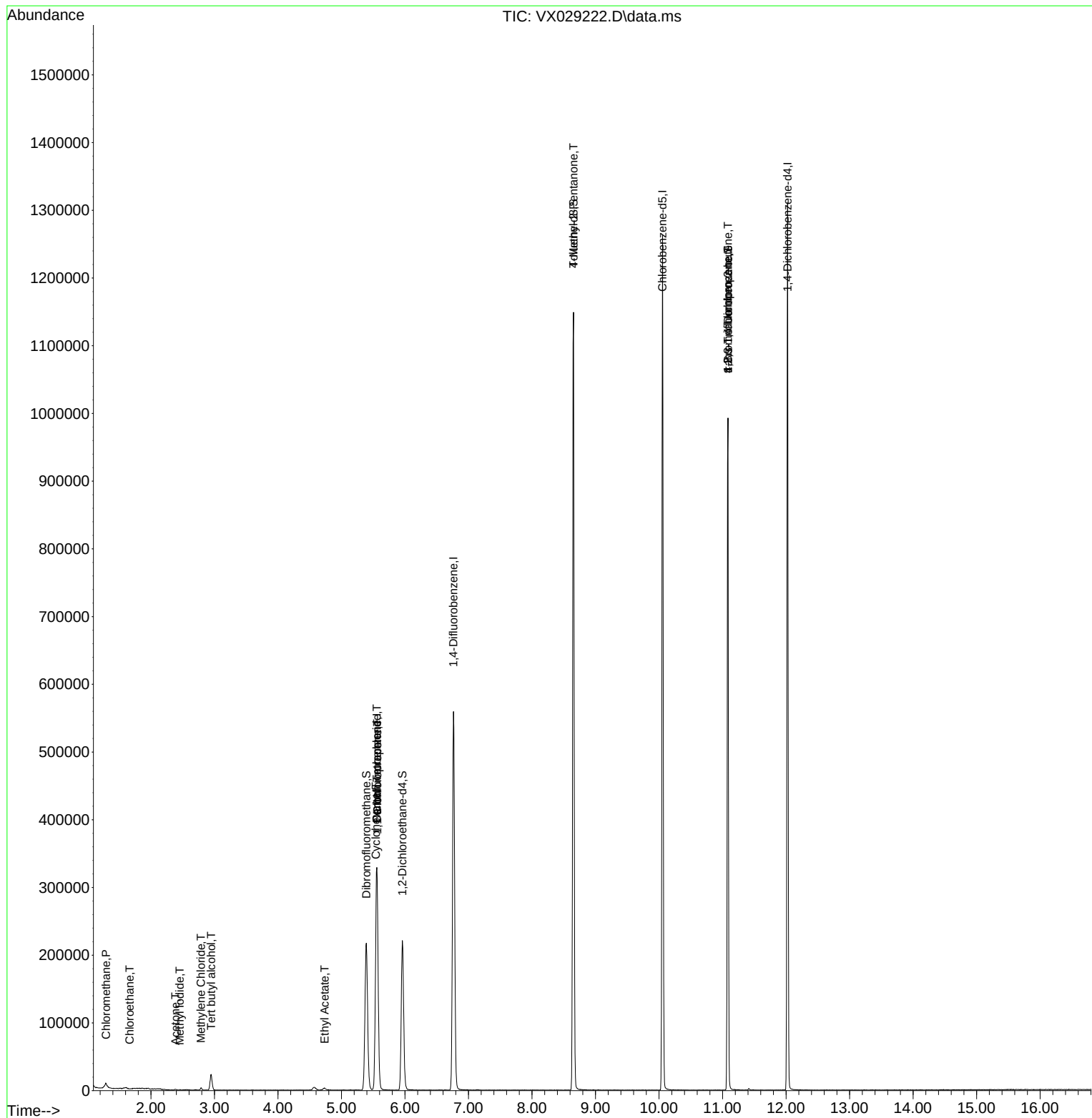
Internal Standards						
1) Pentafluorobenzene	5.556	168	311409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	589988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213122	60.691	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.380%	
35) Dibromofluoromethane	5.391	113	194722	49.689	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.380%	
50) Toluene-d8	8.653	98	696728	48.611	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	11.085	95	276993	49.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	720	0.254	ug/l #	64
5) Bromomethane	1.618	94	702	Below Cal	#	79
6) Chloroethane	1.666	64	221	1.484	ug/l #	43
10) Methyl Iodide	2.453	142	346	4.317	ug/l #	76
11) Tert butyl alcohol	2.947	59	12775	15.704	ug/l #	74
16) Acetone	2.386	43	1171	0.847	ug/l #	84
20) Methylene Chloride	2.788	84	1447	0.449	ug/l	95
31) Cyclohexane	5.544	56	5652	1.238	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	23909	4.742	ug/l #	50
37) Ethyl Acetate	4.733	43	5439	1.113	ug/l #	85
38) Carbon Tetrachloride	5.556	117	31963	5.547	ug/l #	15
44) Trichloroethene	7.135	130	335	Below Cal		54
51) 4-Methyl-2-Pentanone	8.653	43	2716	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	136286	25.040	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	136286	73.463	ug/l #	15

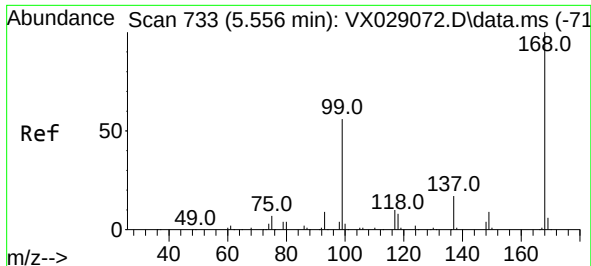
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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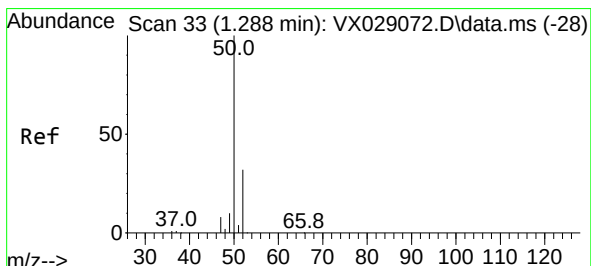
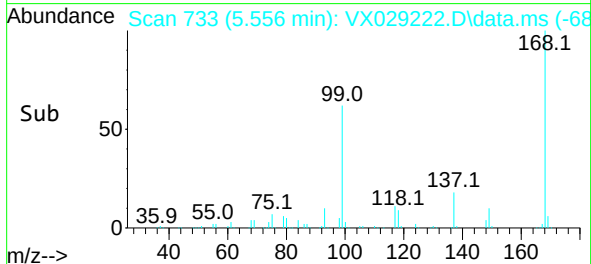
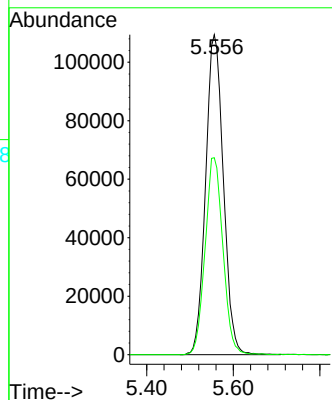
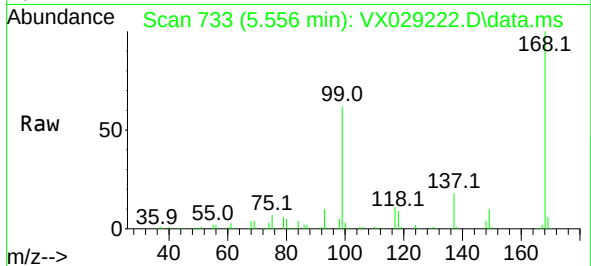




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

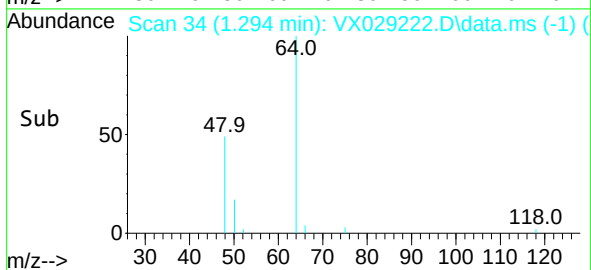
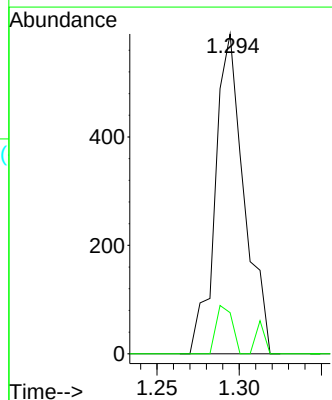
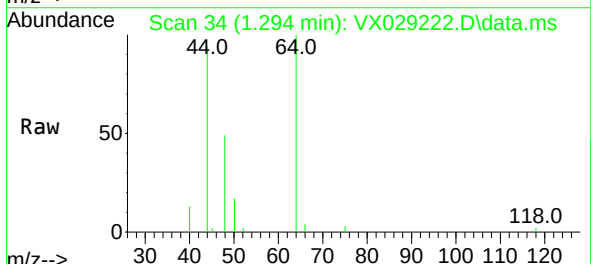
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

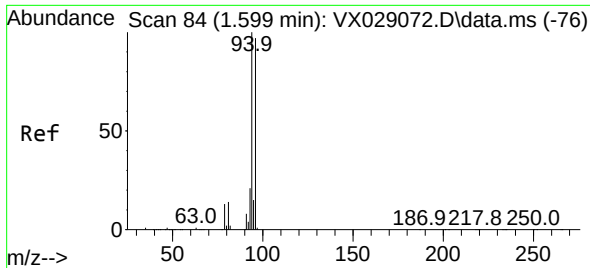
Tgt Ion:168 Resp: 311409
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 50 Resp: 720
Ion Ratio Lower Upper
50 100
52 12.9 26.4 39.6#

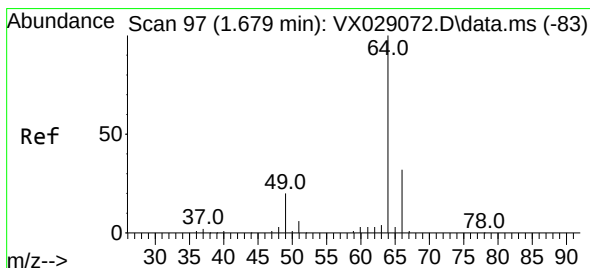
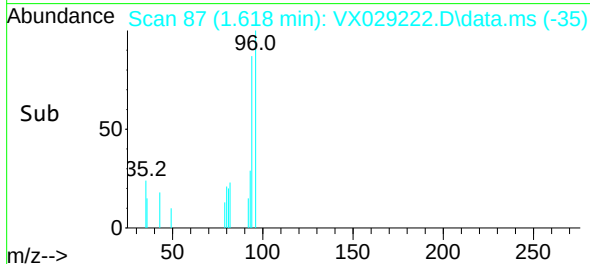
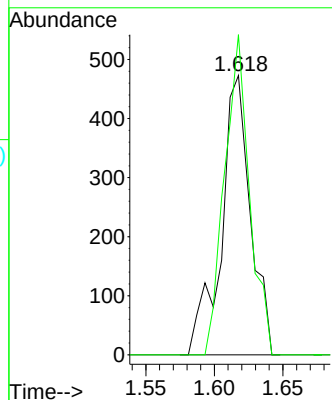
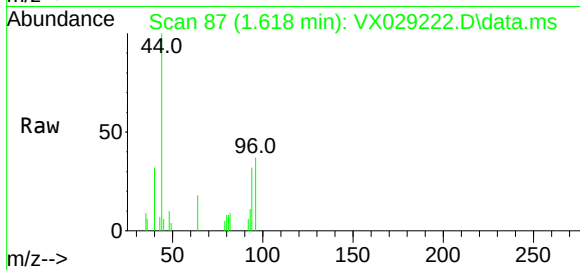




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

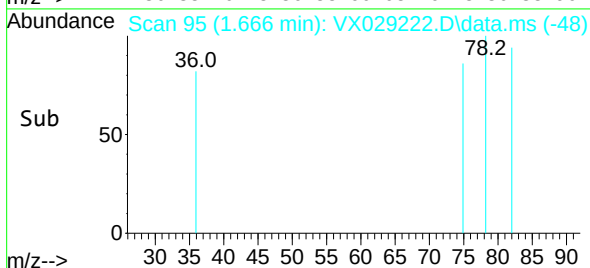
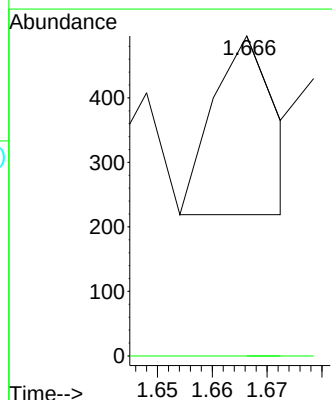
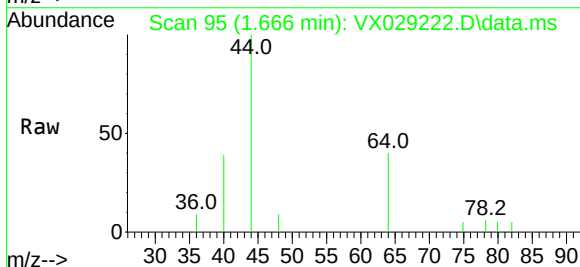
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

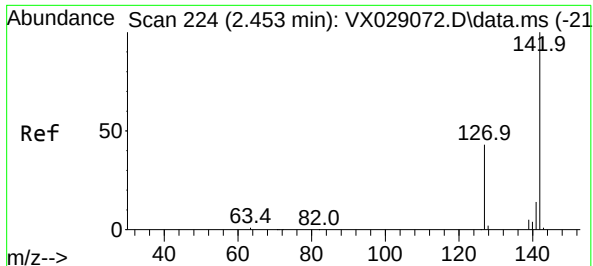
Tgt Ion: 94 Resp: 702
Ion Ratio Lower Upper
94 100
96 114.6 75.3 112.9#



#6
Chloroethane
Concen: 1.484 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

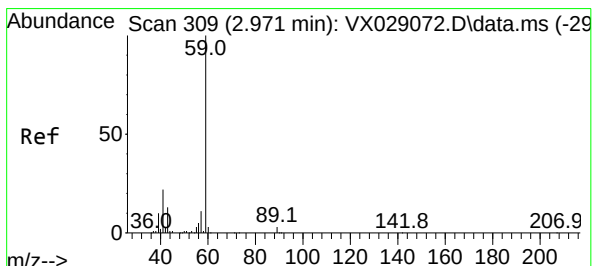
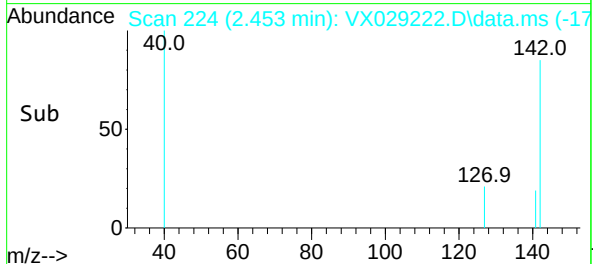
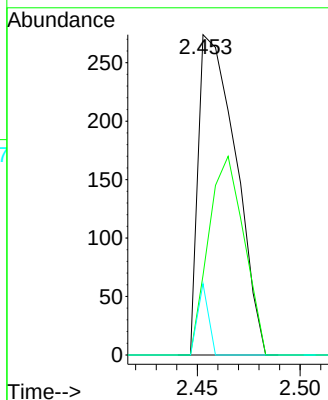
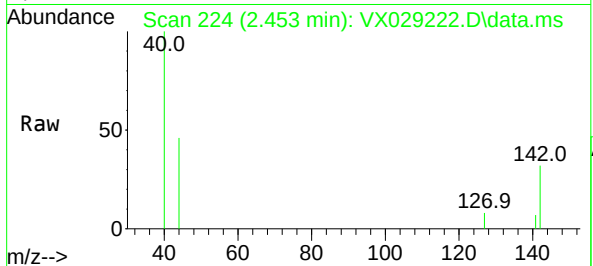




#10
Methyl Iodide
Concen: 4.317 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

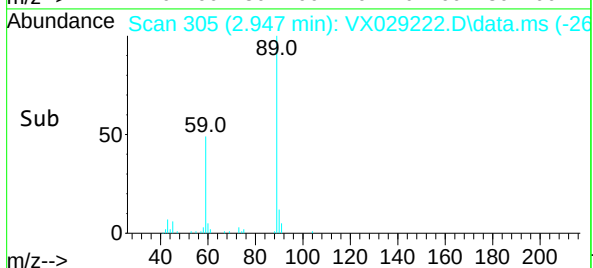
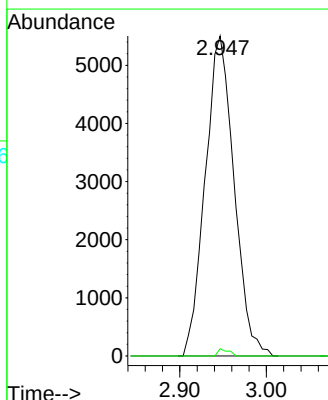
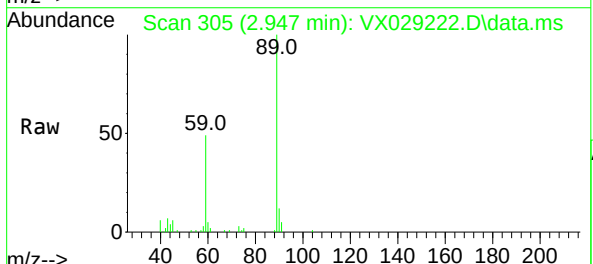
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

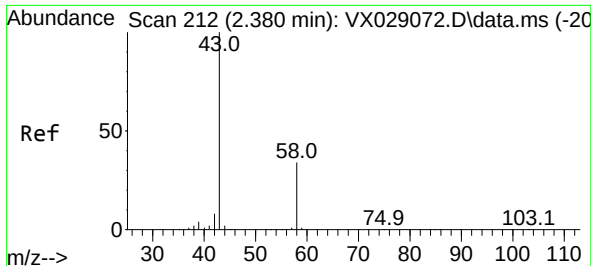
Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
127 59.0 33.9 50.9#
141 6.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 15.704 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 59 Resp: 12775
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

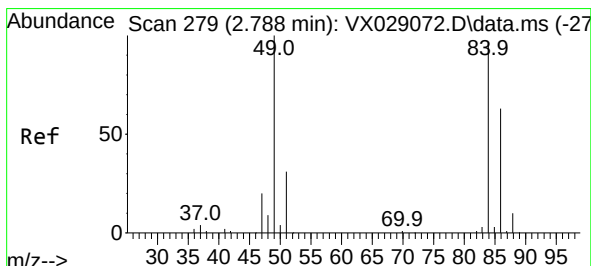
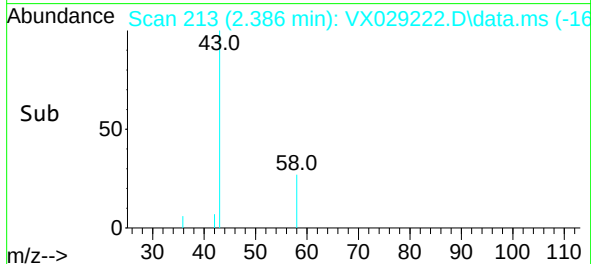
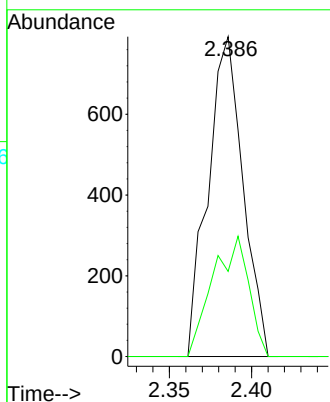
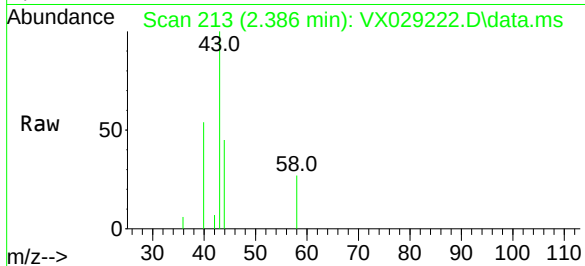




#16
Acetone
Concen: 0.847 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

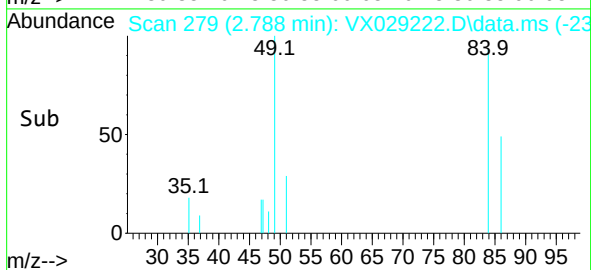
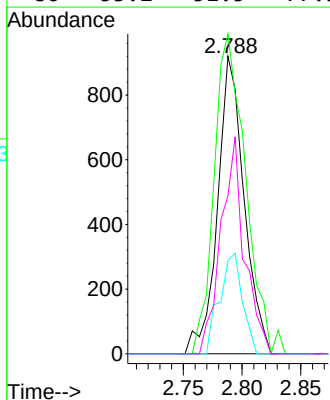
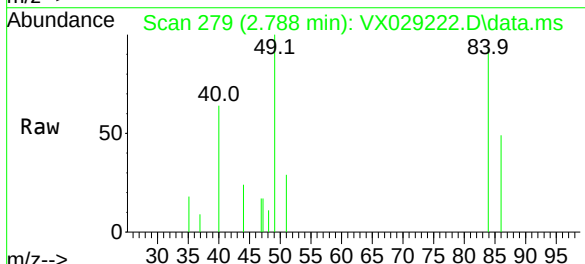
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

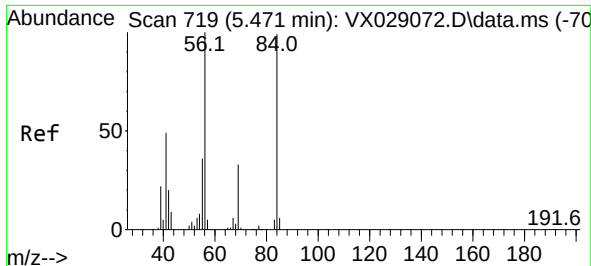
Tgt Ion: 43 Resp: 1171
Ion Ratio Lower Upper
43 100
58 26.6 28.8 43.2#



#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 84 Resp: 1447
Ion Ratio Lower Upper
84 100
49 107.5 85.5 128.3
51 31.3 26.6 39.8
86 53.2 51.5 77.3

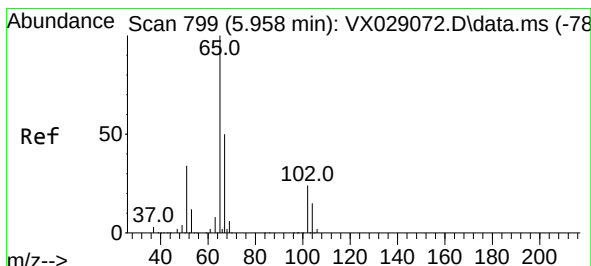
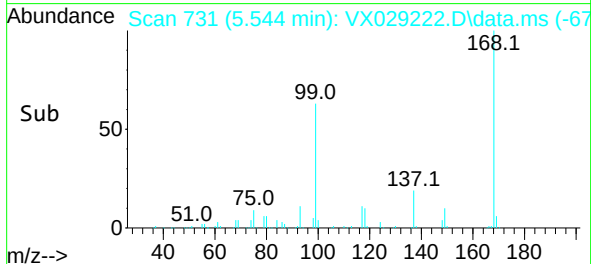
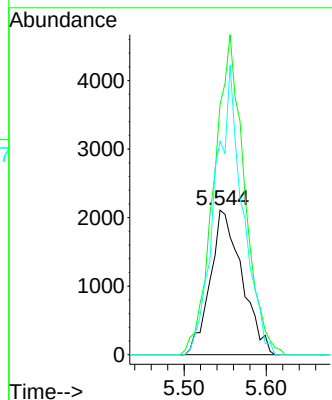
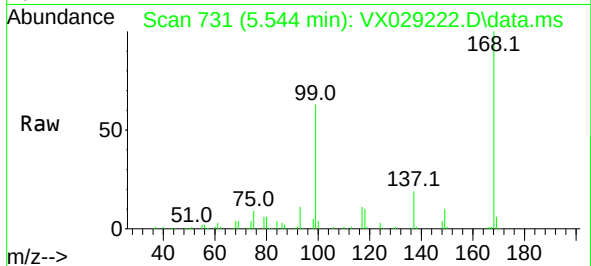




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

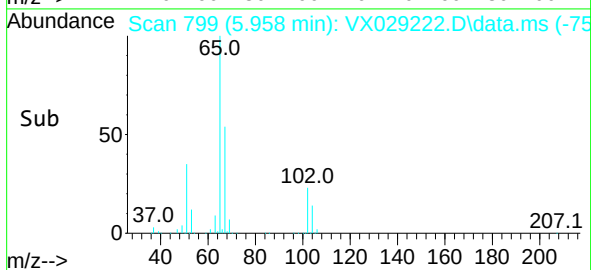
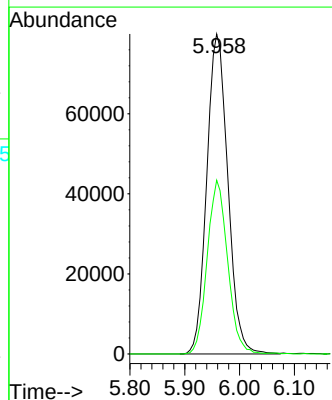
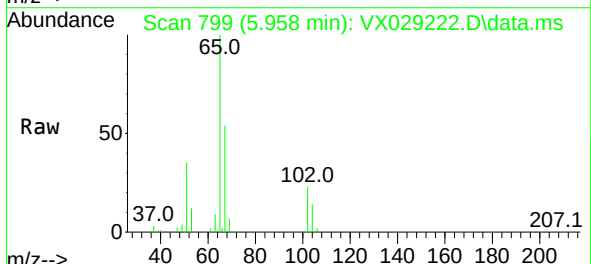
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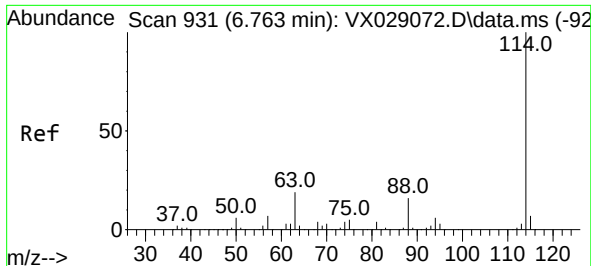
Tgt Ion: 56 Resp: 5652
Ion Ratio Lower Upper
56 100
69 173.4 26.7 40.1#
84 147.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 60.691 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 65 Resp: 213122
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

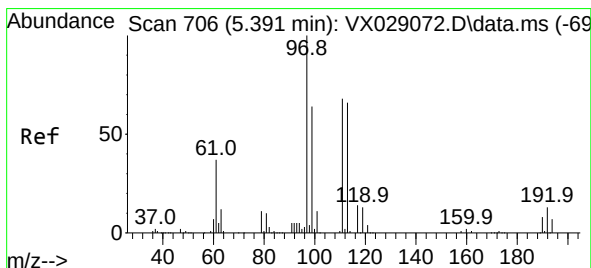
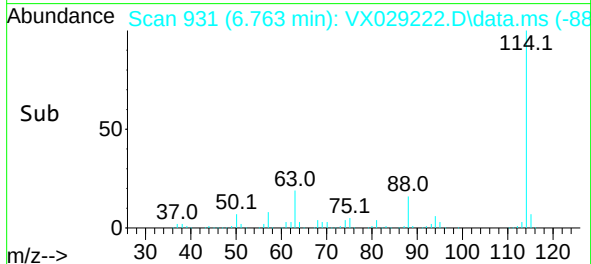
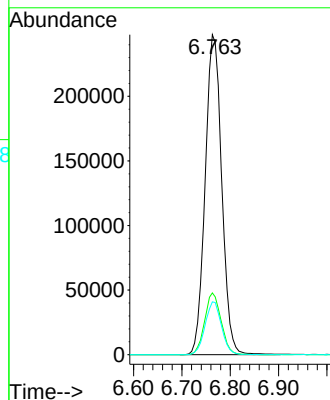
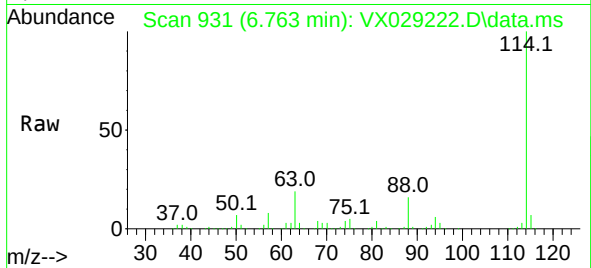




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

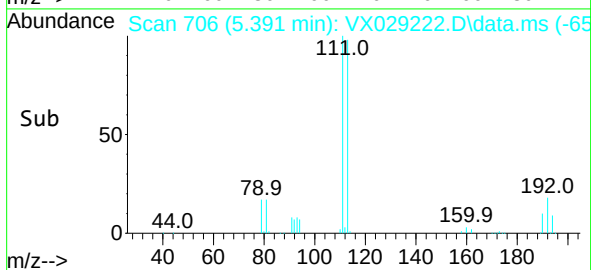
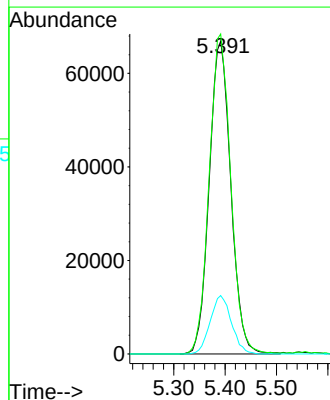
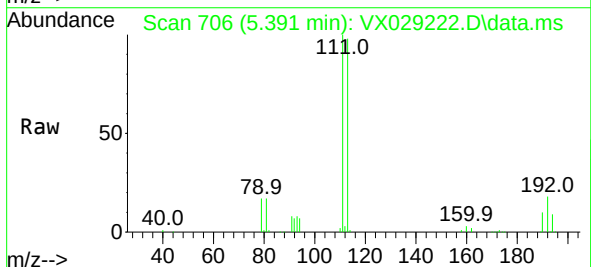
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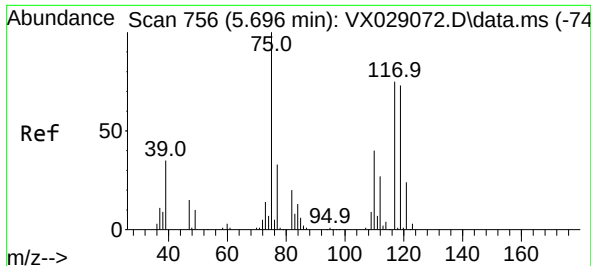
Tgt Ion:114 Resp: 589988
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.689 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion:113 Resp: 194722
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.4 16.9 25.3

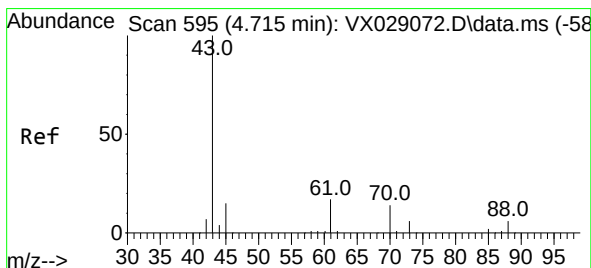
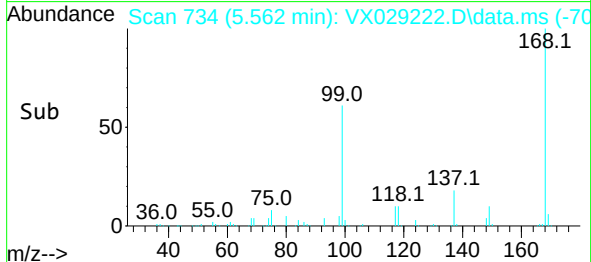
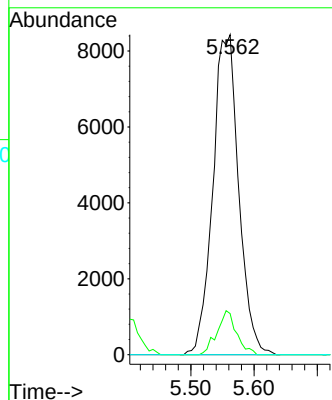
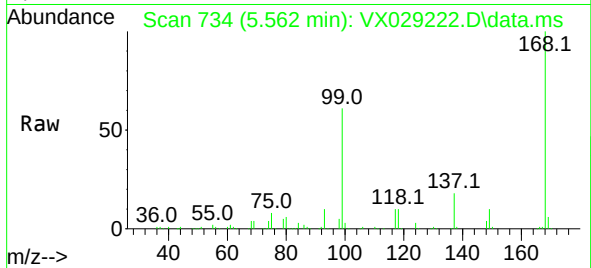




#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

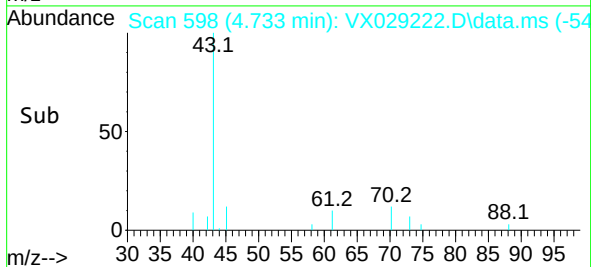
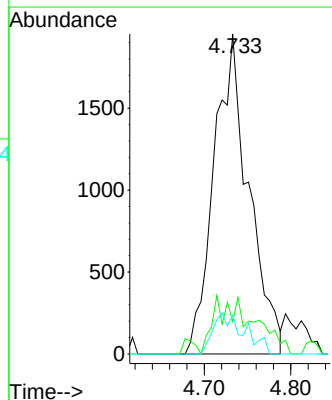
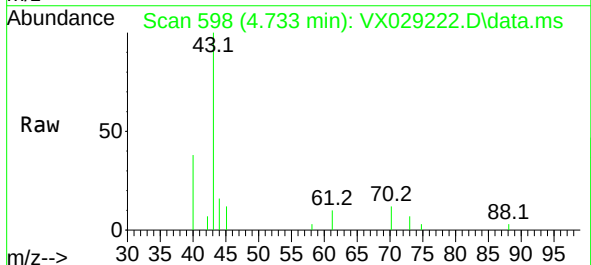
Instrument :
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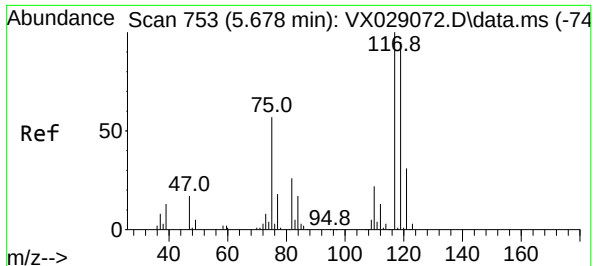
Tgt Ion: 75 Resp: 23909
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.113 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 43 Resp: 5439
Ion Ratio Lower Upper
43 100
61 5.5 12.6 19.0#
70 11.5 10.2 15.2

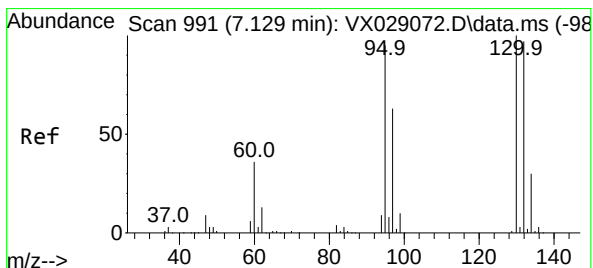
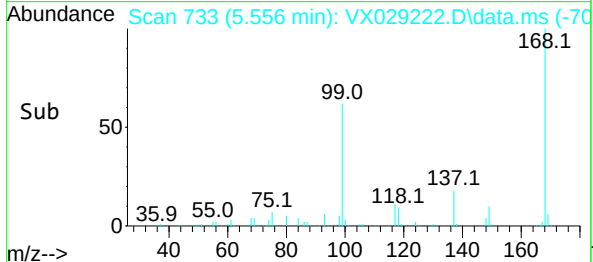
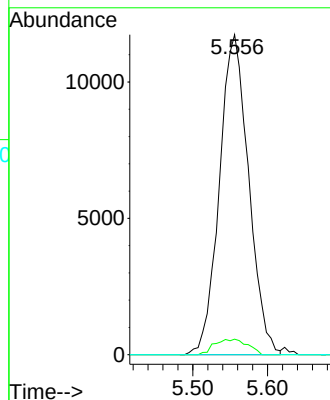
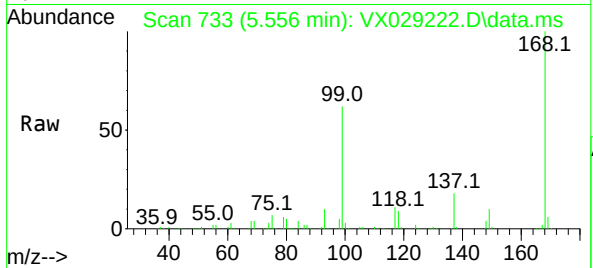




#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

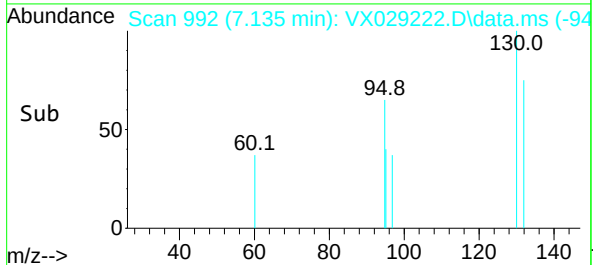
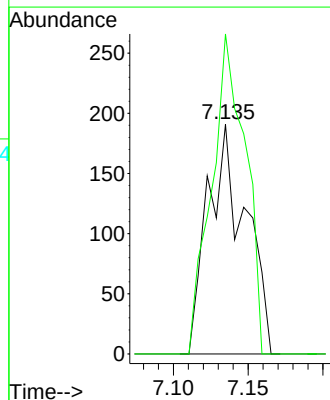
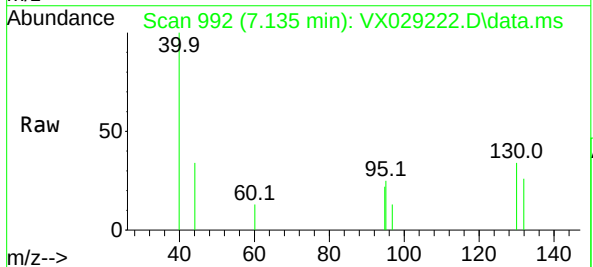
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

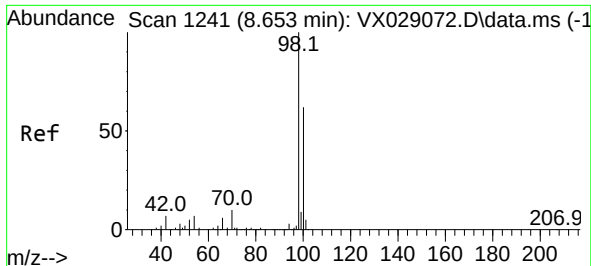
Tgt Ion:117 Resp: 31963
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion:130 Resp: 335
Ion Ratio Lower Upper
130 100
95 139.3 0.0 188.8

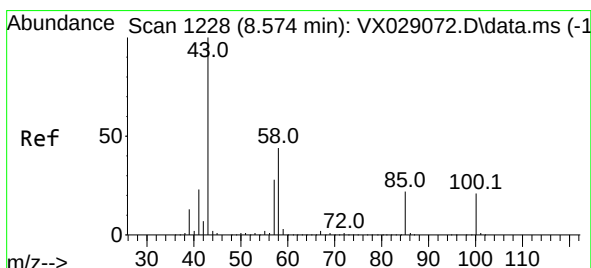
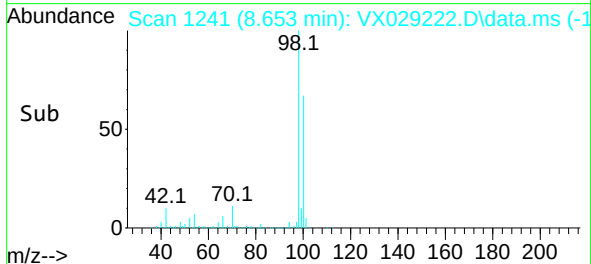
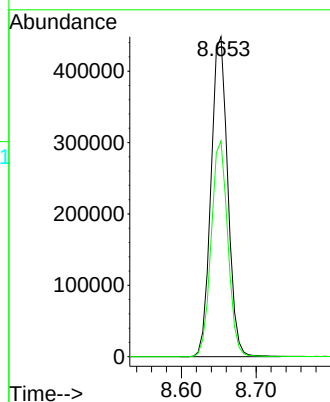
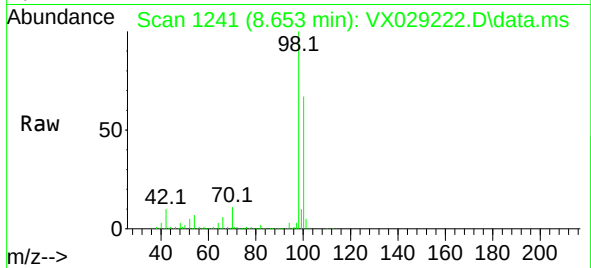




#50
Toluene-d8
Concen: 48.611 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

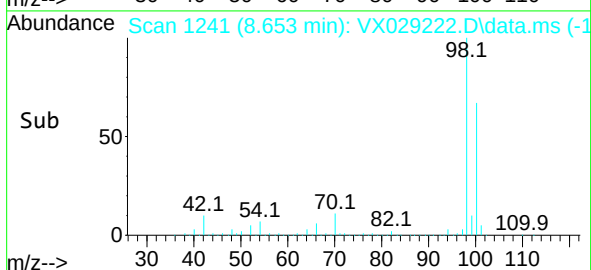
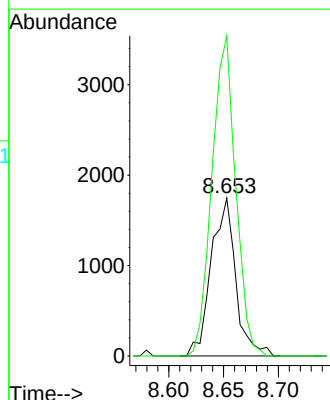
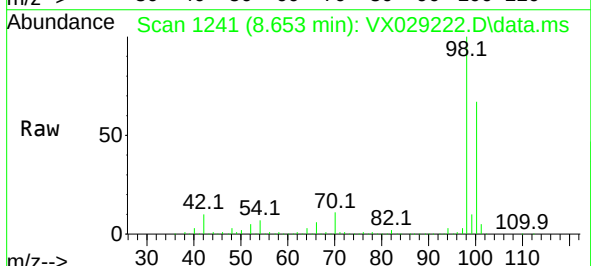
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

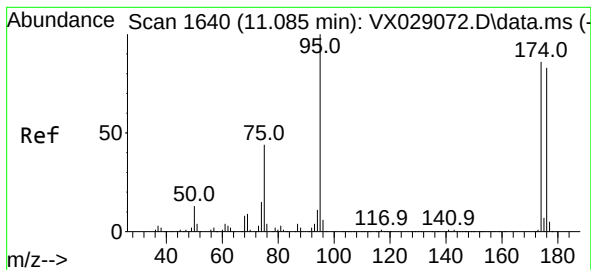
Tgt Ion: 98 Resp: 696728
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 43 Resp: 2716
Ion Ratio Lower Upper
43 100
58 196.7 36.1 54.1#

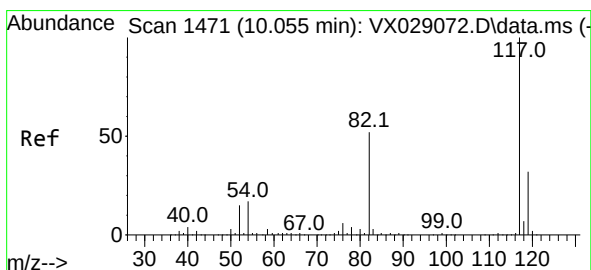
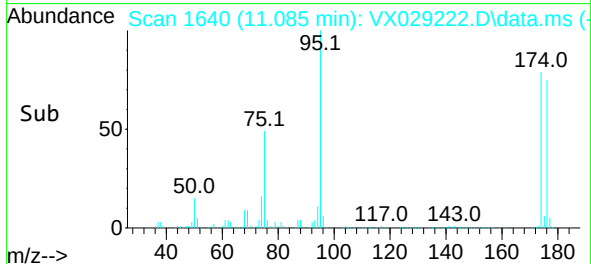
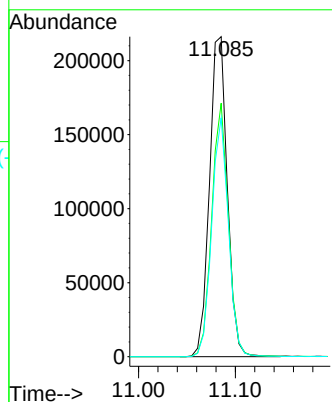
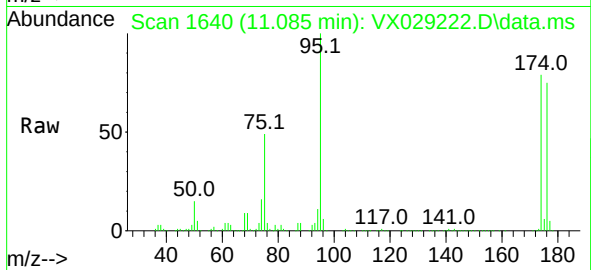




#62
4-Bromofluorobenzene
Concen: 49.995 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

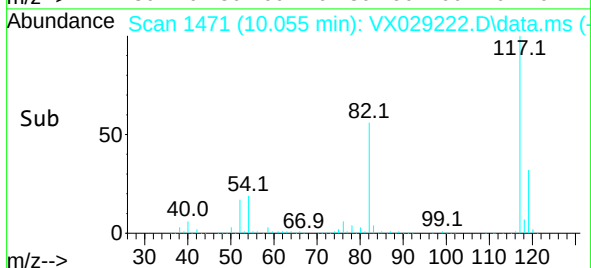
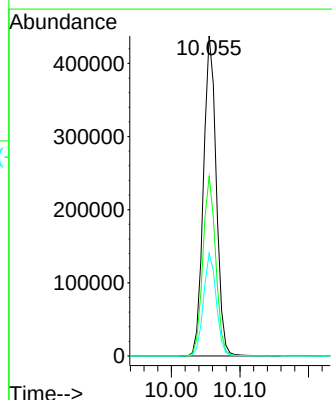
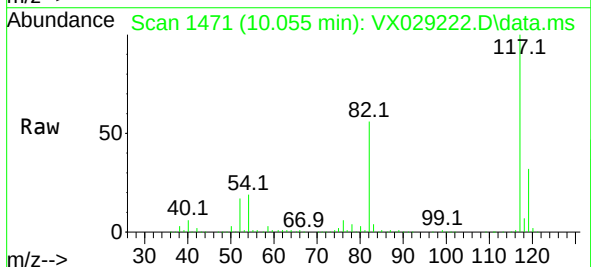
Instrument :
MSVOA_X
ClientSampleId :
21BR-20220601

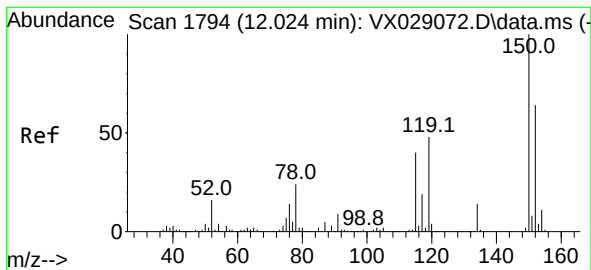
Tgt Ion: 95 Resp: 276993
Ion Ratio Lower Upper
95 100
174 74.2 0.0 163.0
176 70.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029222.D
Acq: 04 Jun 2022 04:03

Tgt Ion: 117 Resp: 571642
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.1 24.8 37.2

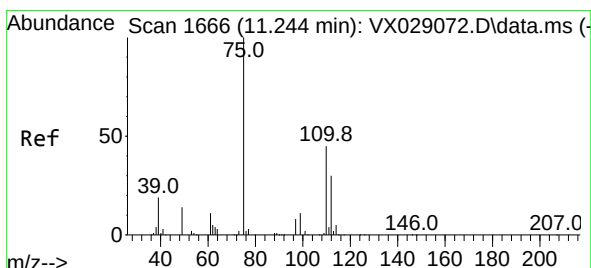
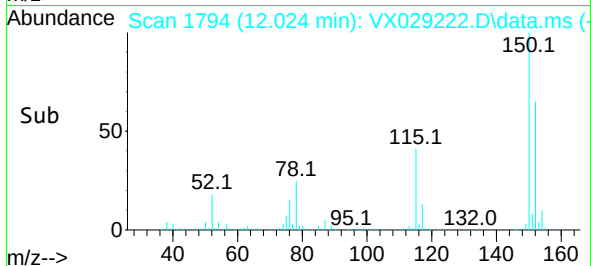
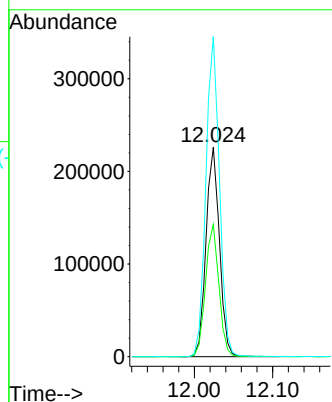
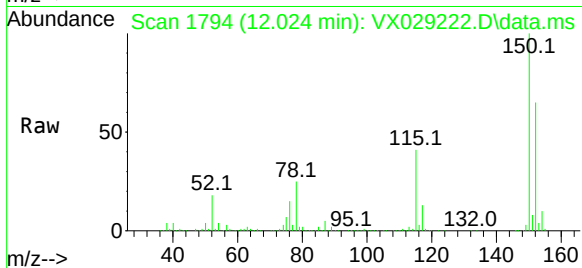




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029222.D
 Acq: 04 Jun 2022 04:03

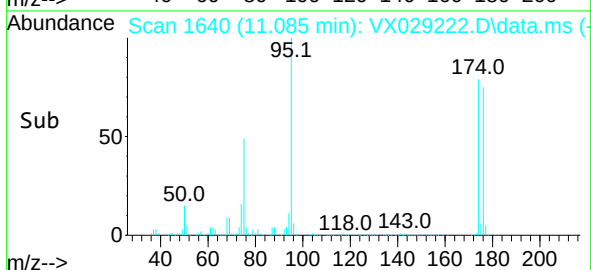
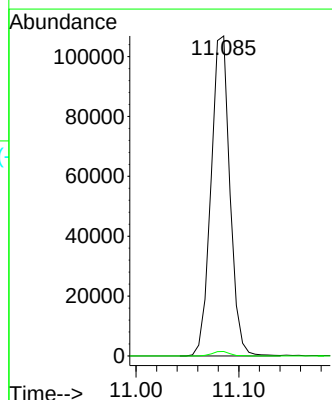
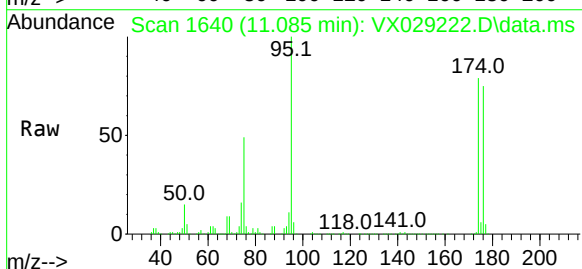
Instrument :
 MSVOA_X
 ClientSampleId :
 21BR-20220601

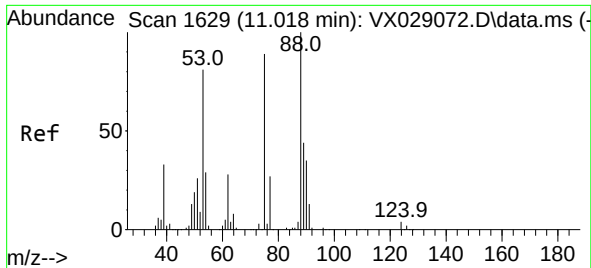
Tgt Ion:152 Resp: 268486
 Ion Ratio Lower Upper
 152 100
 115 63.0 37.5 112.7
 150 154.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.040 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX029222.D
 Acq: 04 Jun 2022 04:03

Tgt Ion: 75 Resp: 136286
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.463 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX029222.D
 Acq: 04 Jun 2022 04:03

Instrument :
 MSVOA_X
 ClientSampleId :
 21BR-20220601

Tgt Ion: 75 Resp: 136286
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

