

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038966.D
 Acq On : 20 Nov 2023 18:09
 Operator : JC/MD
 Sample : 05431-10 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

Quant Time: Nov 21 00:24:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

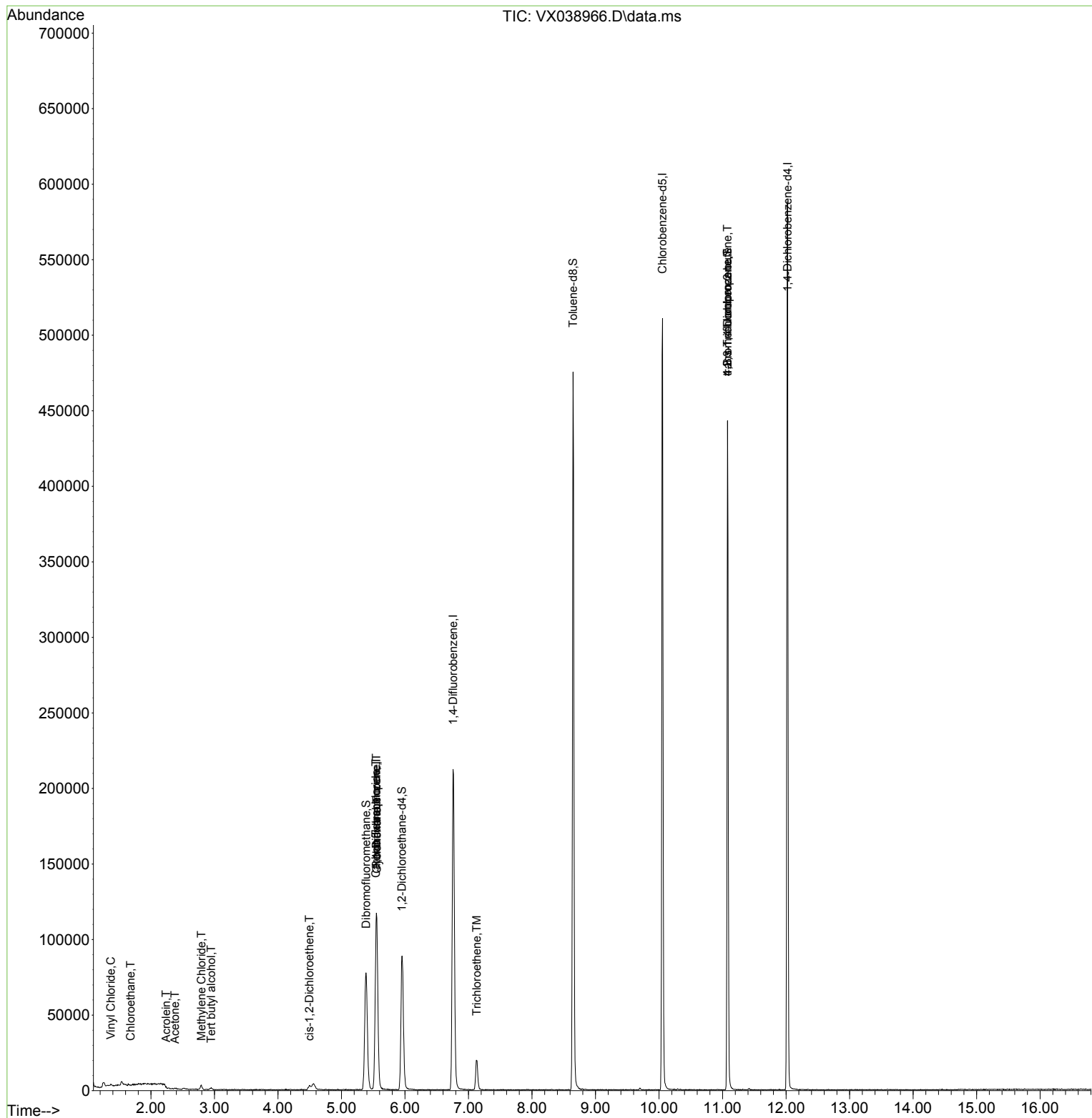
Internal Standards						
1) Pentafluorobenzene	5.550	168	105008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85557	50.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.385	113	70176	45.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.120%			
50) Toluene-d8	8.647	98	273226	45.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.700%#			
62) 4-Bromofluorobenzene	11.079	95	122013	51.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.300%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.368	62	364	0.236	ug/l #	65
6) Chloroethane	1.679	64	204	0.232	ug/l #	43
11) Tert butyl alcohol	2.947	59	659	1.400	ug/l #	89
13) Acrolein	2.239	56	114	0.458	ug/l #	14
16) Acetone	2.380	43	847	0.940	ug/l #	89
20) Methylene Chloride	2.794	84	1222	0.753	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	1915	1.138	ug/l	94
31) Cyclohexane	5.556	56	2996	1.240	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	9837	4.407	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11732	5.687	ug/l #	15
44) Trichloroethene	7.129	130	7685	4.782	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	64947	21.811	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64947	48.379	ug/l #	5

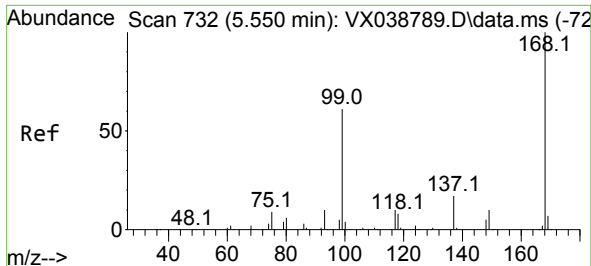
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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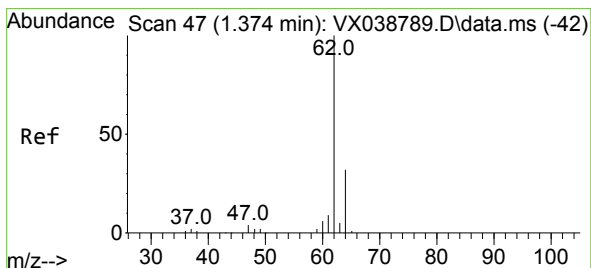
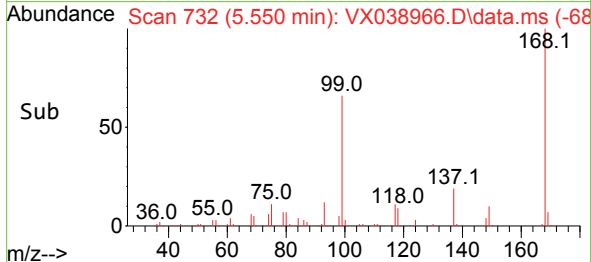
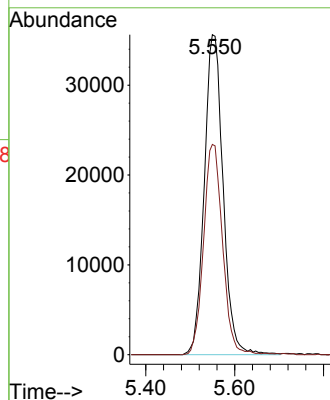
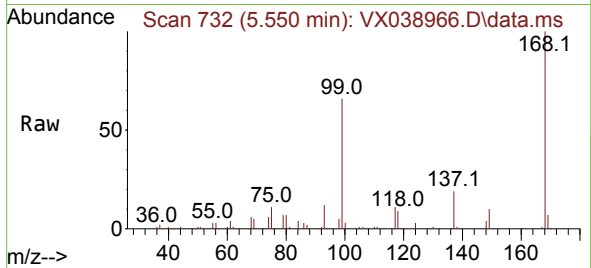




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

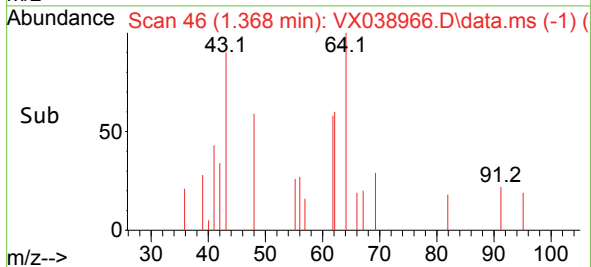
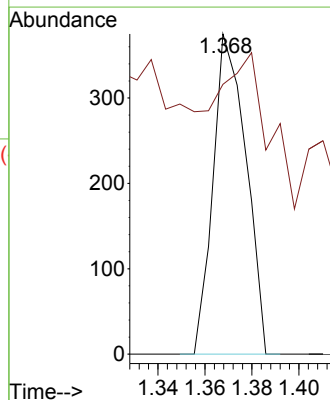
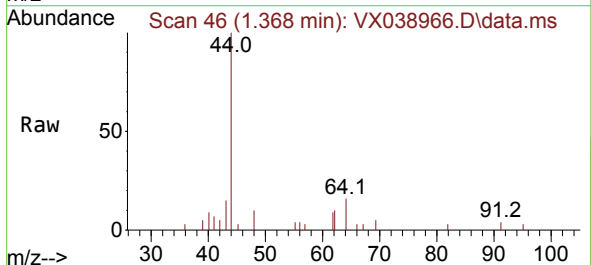
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

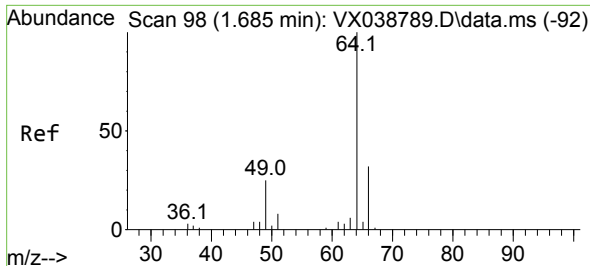
Tgt Ion:168 Resp: 105008
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#4
Vinyl Chloride
Concen: 0.236 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Tgt Ion: 62 Resp: 364
Ion Ratio Lower Upper
62 100
64 12.3 25.4 38.0#

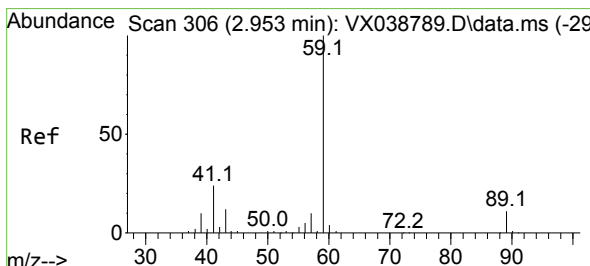
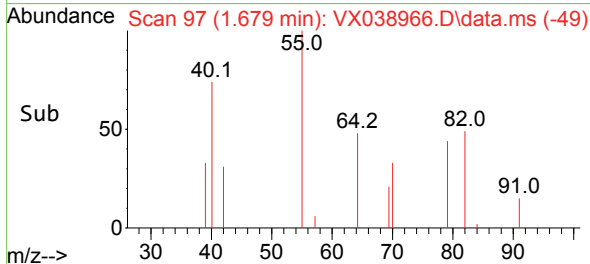
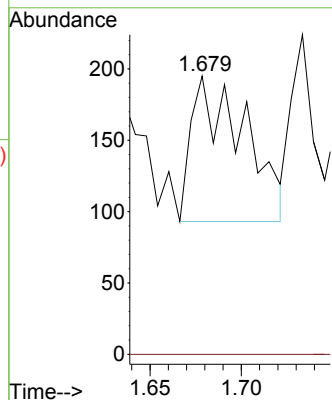
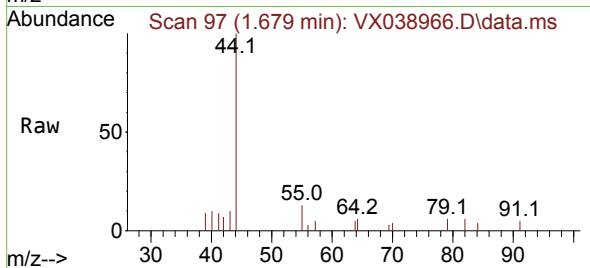




#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

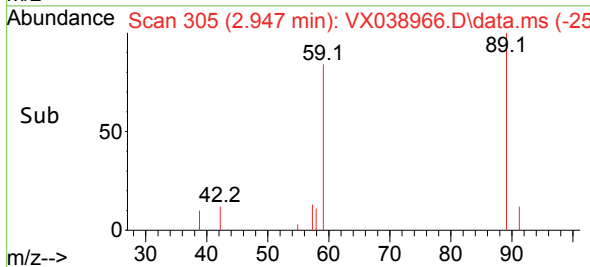
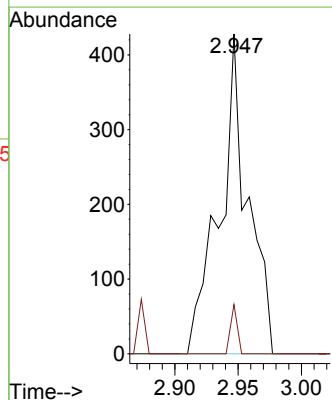
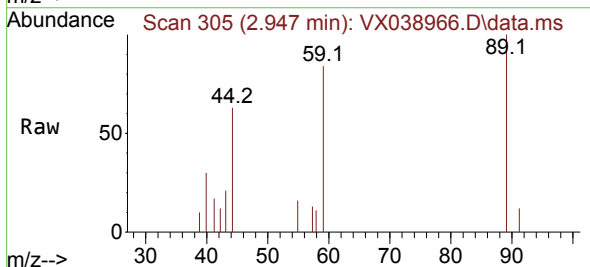
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

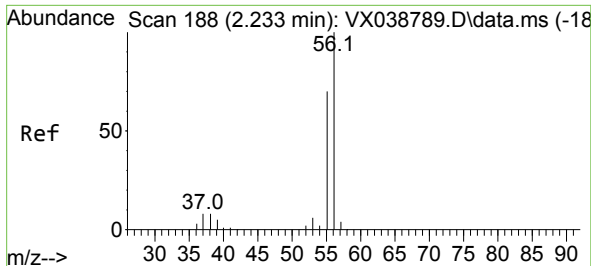
Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.400 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 3.6 6.0 9.0#





#13

Acrolein

Concen: 0.458 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038966.D

Acq: 20 Nov 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

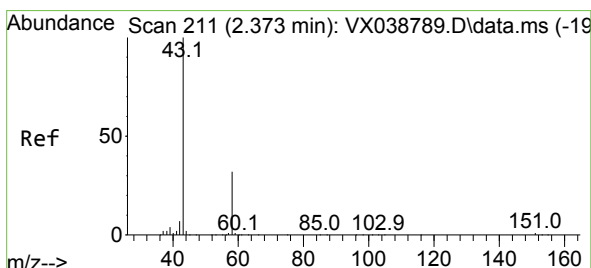
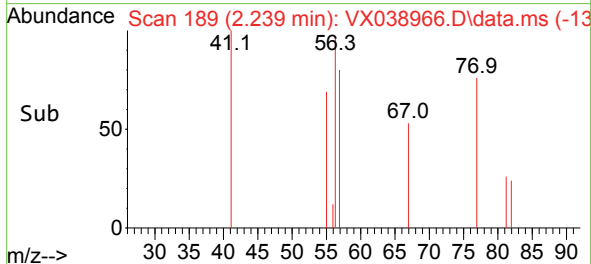
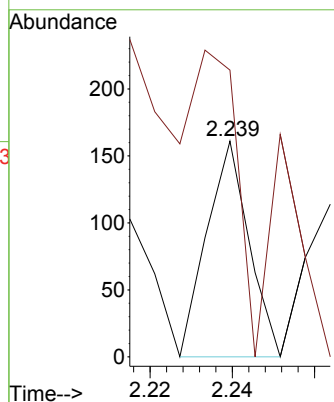
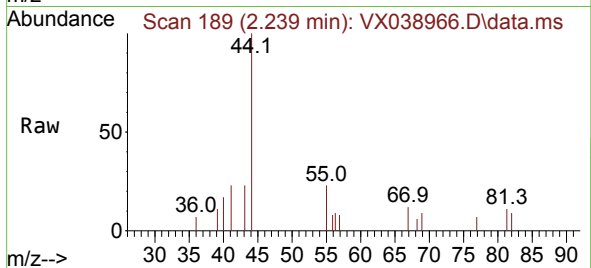
22BR-20231113

Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 0.940 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038966.D

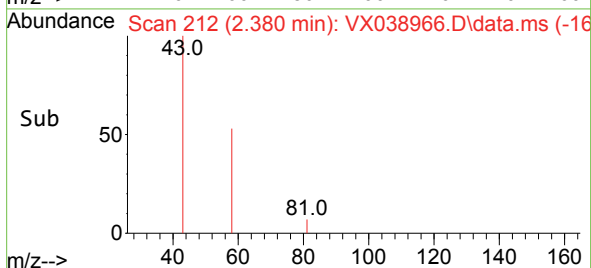
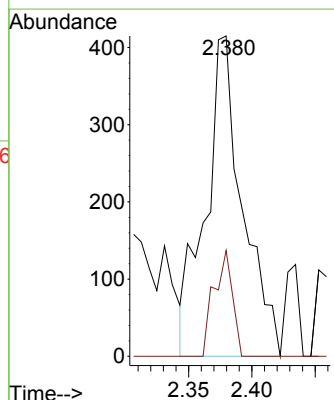
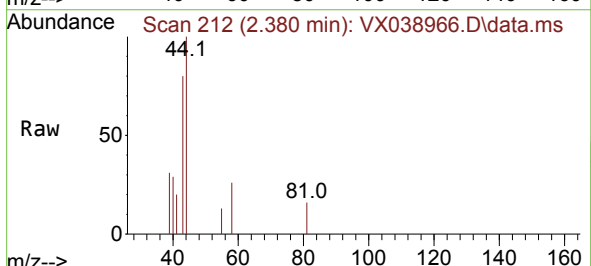
Acq: 20 Nov 2023 18:09

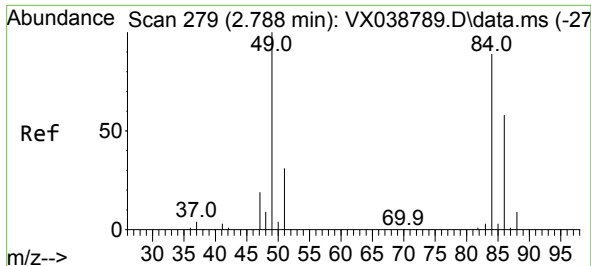
Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

43 100

58 33.0 21.9 32.9#

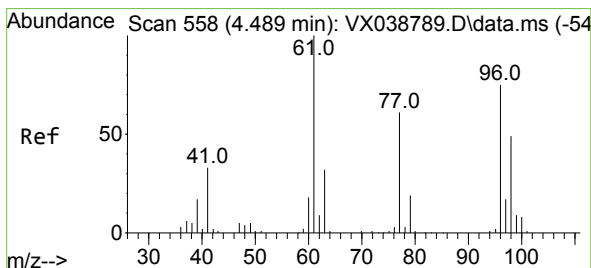
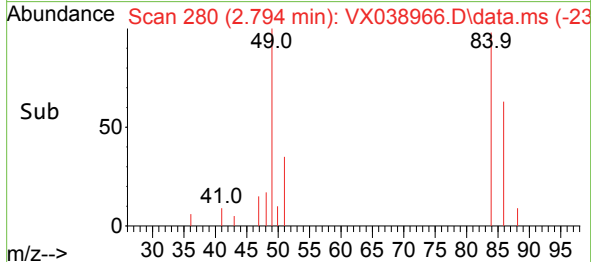
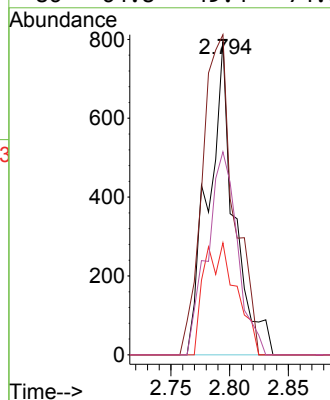
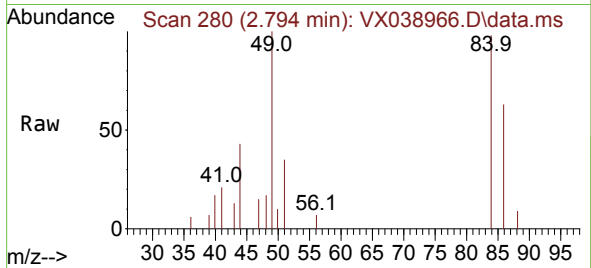




#20
Methylene Chloride
Concen: 0.753 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

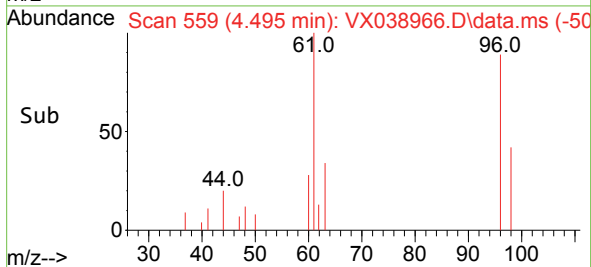
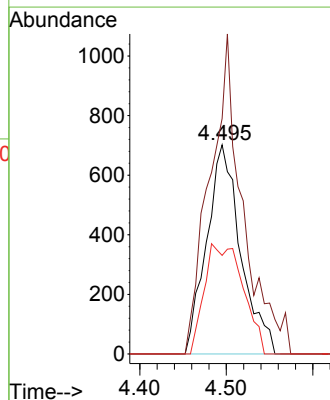
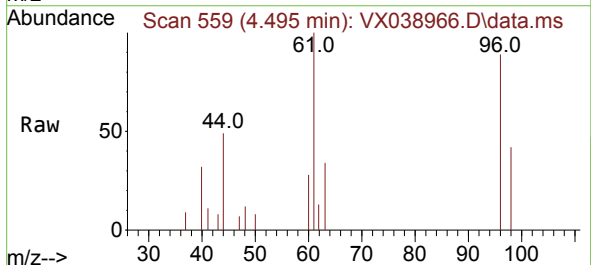
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

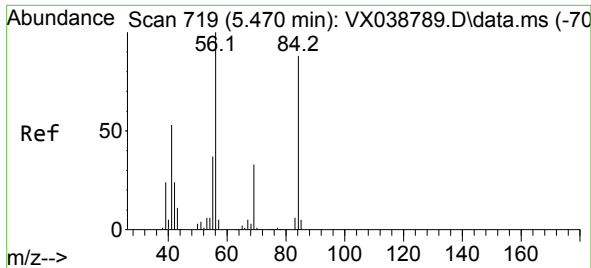
Tgt Ion: 84 Resp: 1222
Ion Ratio Lower Upper
84 100
49 102.1 103.6 155.4#
51 35.7 33.8 50.6
86 64.8 49.4 74.0



#27
cis-1,2-Dichloroethene
Concen: 1.138 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

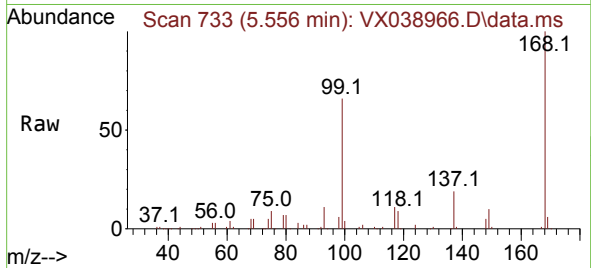
Tgt Ion: 96 Resp: 1915
Ion Ratio Lower Upper
96 100
61 148.5 0.0 312.2
98 59.7 0.0 129.0



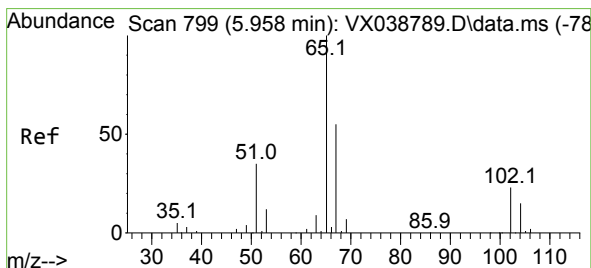
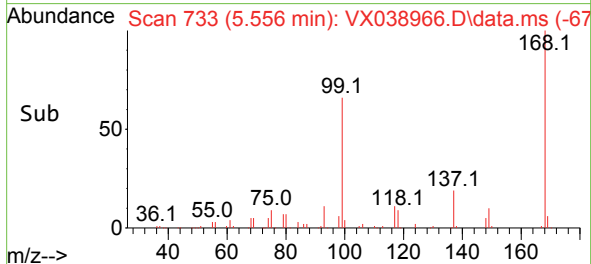
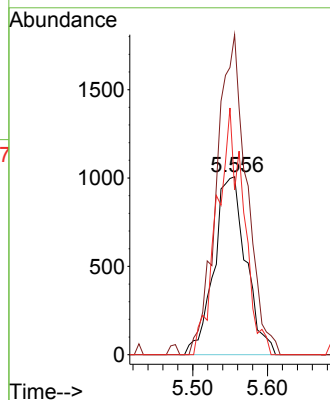


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

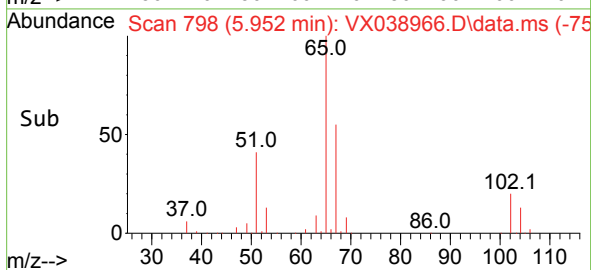
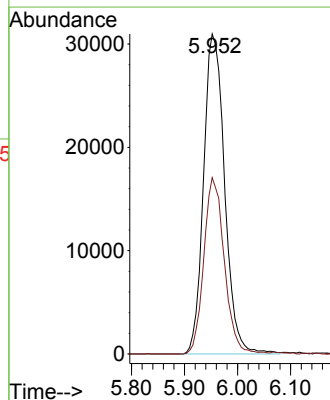
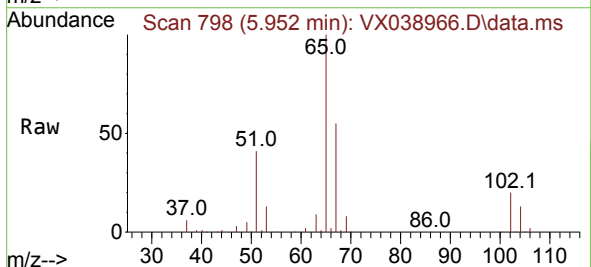


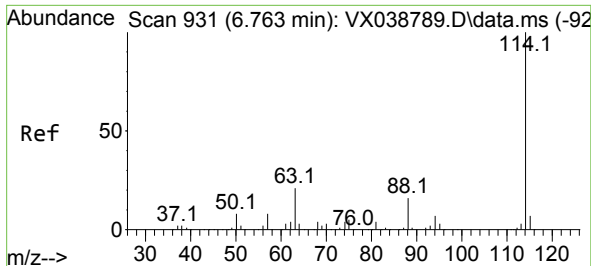
Tgt Ion: 56 Resp: 2996
Ion Ratio Lower Upper
56 100
69 179.8 23.4 35.2#
84 92.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Tgt Ion: 65 Resp: 85557
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

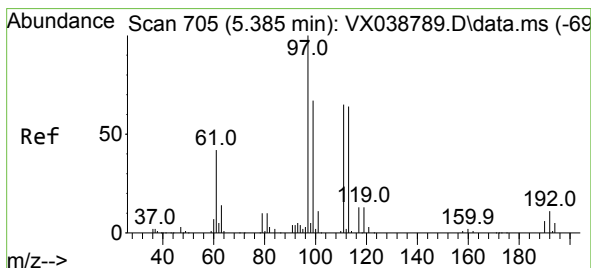
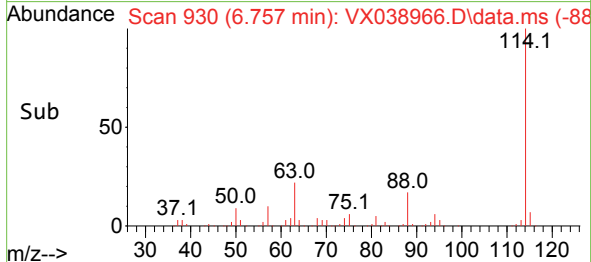
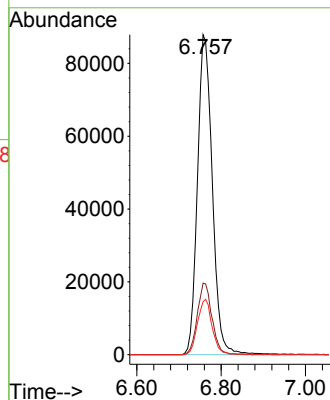
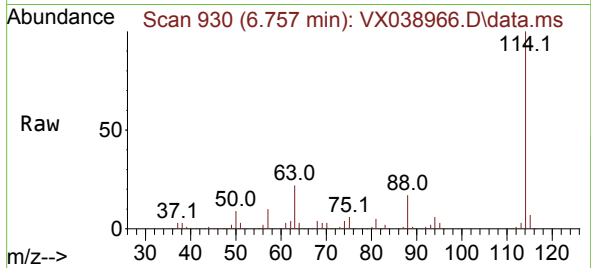




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

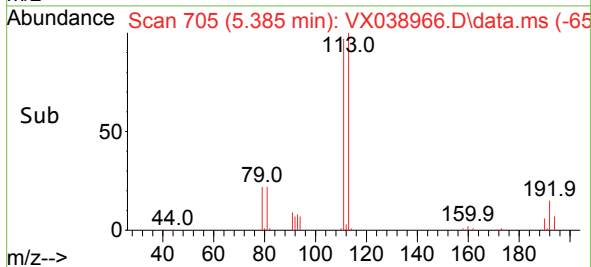
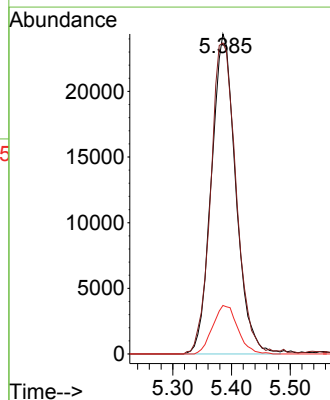
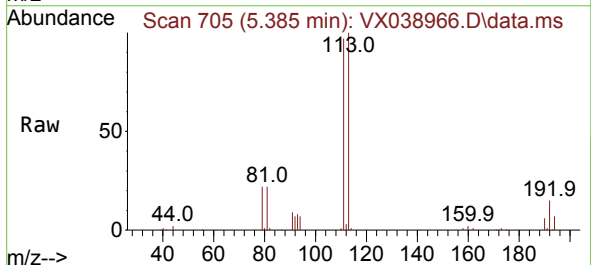
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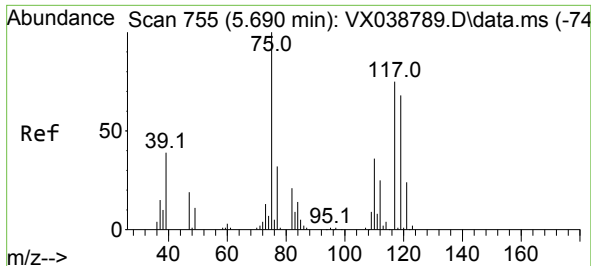
Tgt Ion:114 Resp: 215644
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.059 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Tgt Ion:113 Resp: 70176
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.6 13.3 19.9

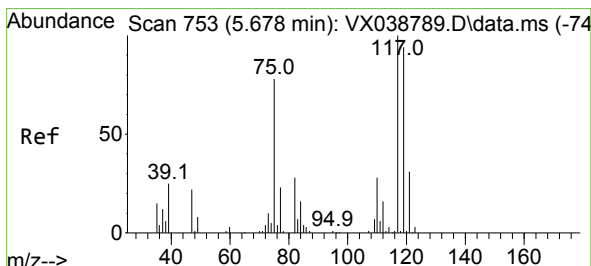
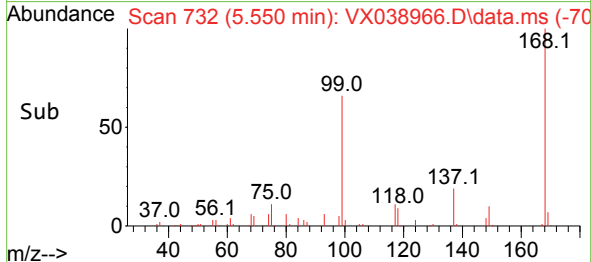
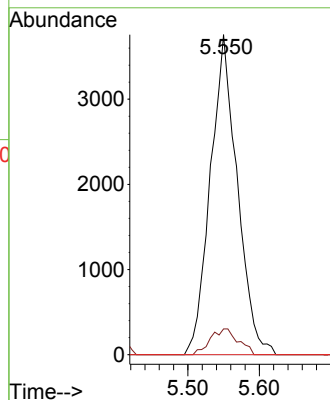
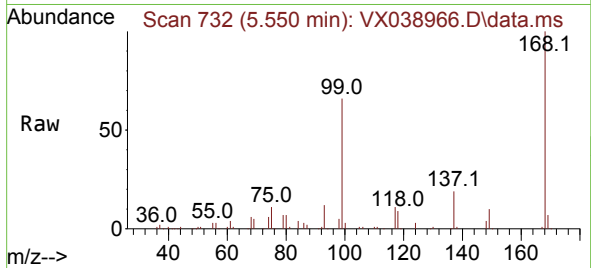




#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

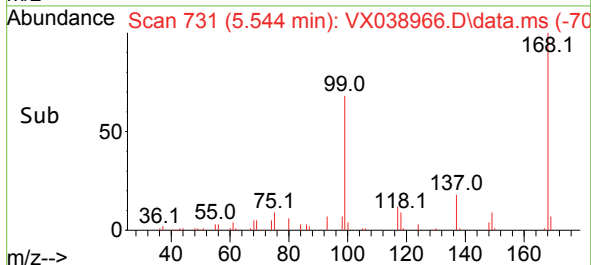
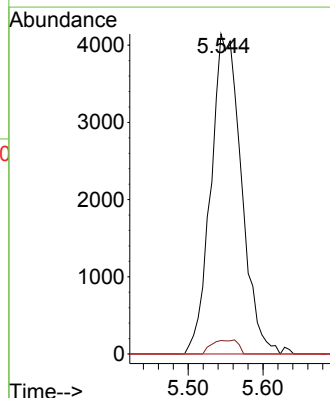
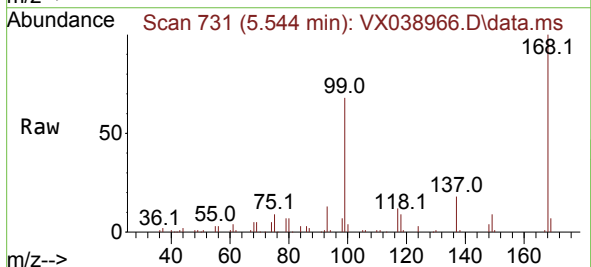
Instrument :
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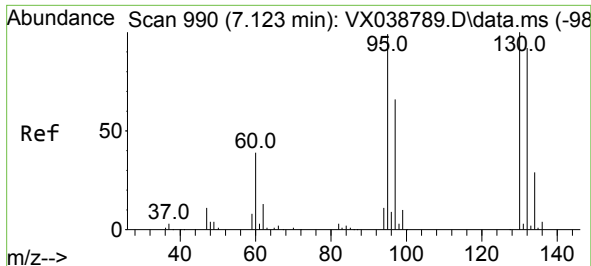
Tgt Ion: 75 Resp: 9837
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Tgt Ion: 117 Resp: 11732
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

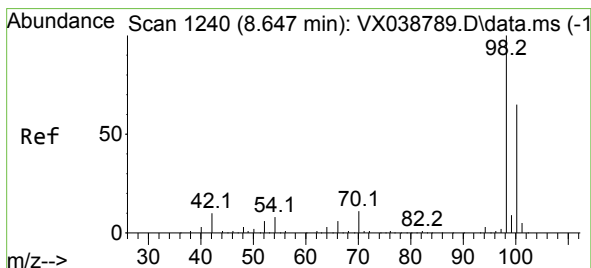
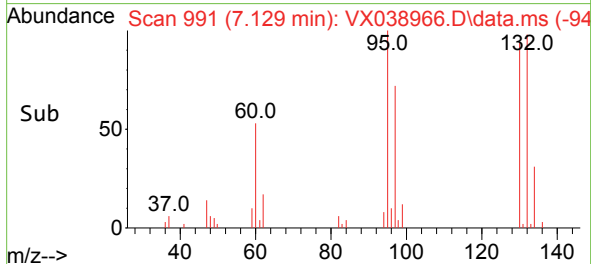
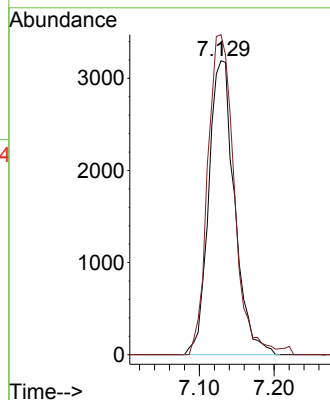
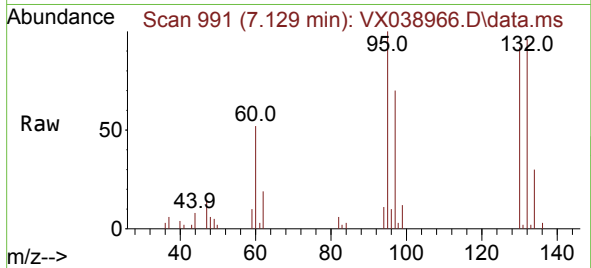




#44
 Trichloroethene
 Concen: 4.782 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX038966.D
 Acq: 20 Nov 2023 18:09

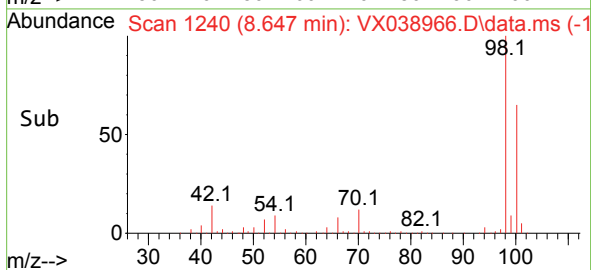
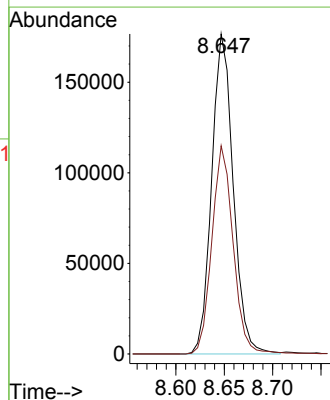
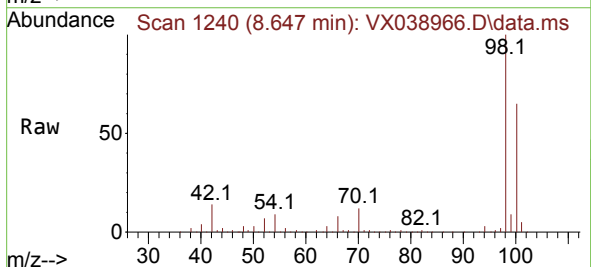
Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

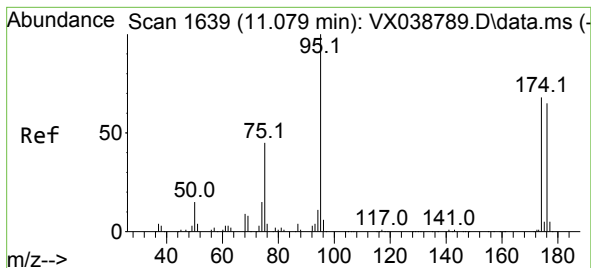
Tgt Ion:130 Resp: 7685
 Ion Ratio Lower Upper
 130 100
 95 108.9 0.0 204.4



#50
 Toluene-d8
 Concen: 45.852 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX038966.D
 Acq: 20 Nov 2023 18:09

Tgt Ion: 98 Resp: 273226
 Ion Ratio Lower Upper
 98 100
 100 64.5 53.1 79.7

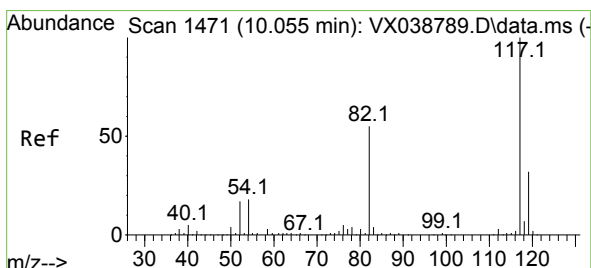
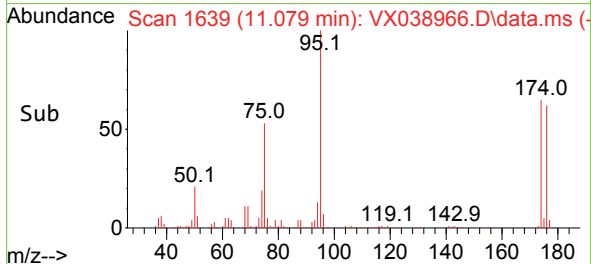
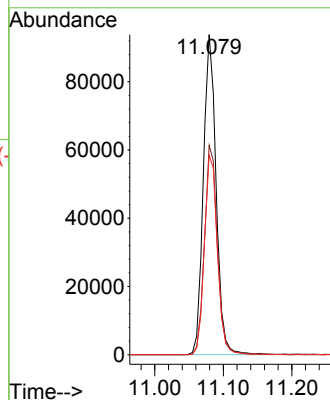
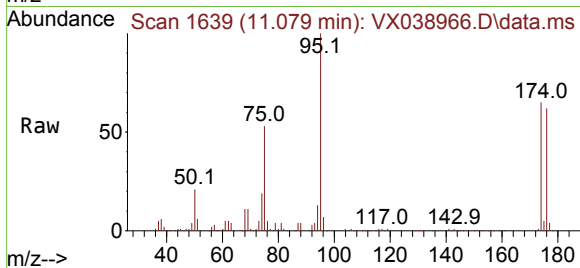




#62
4-Bromofluorobenzene
Concen: 51.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

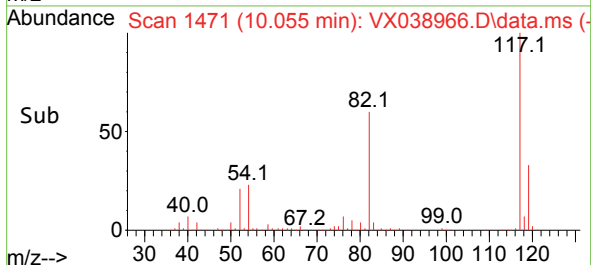
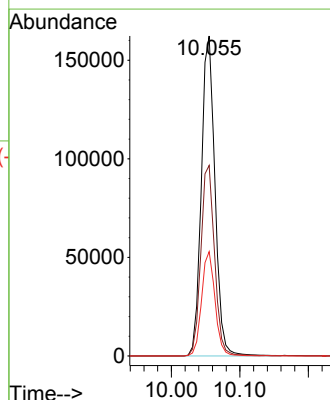
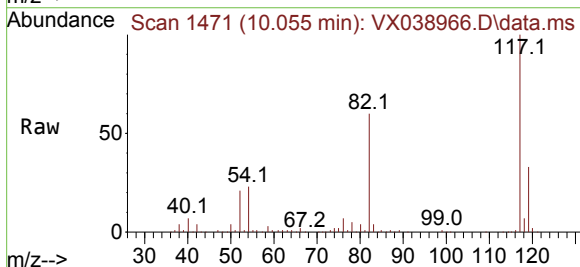
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

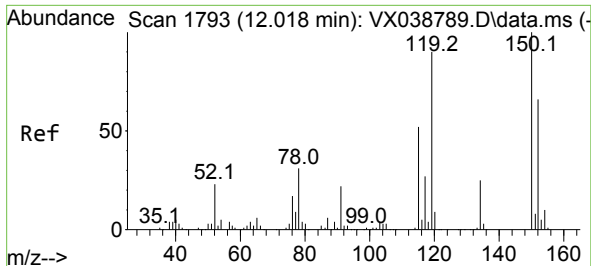
Tgt Ion: 95 Resp: 122013
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 63.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038966.D
Acq: 20 Nov 2023 18:09

Tgt Ion: 117 Resp: 225165
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.6 25.5 38.3

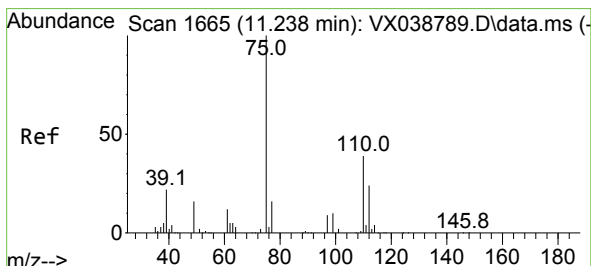
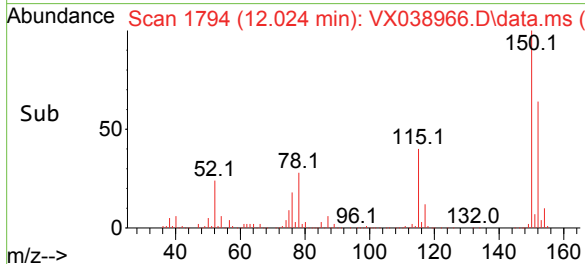
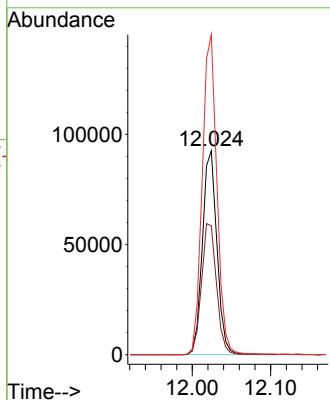
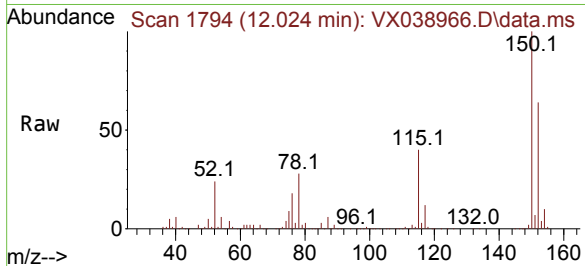




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038966.D
 Acq: 20 Nov 2023 18:09

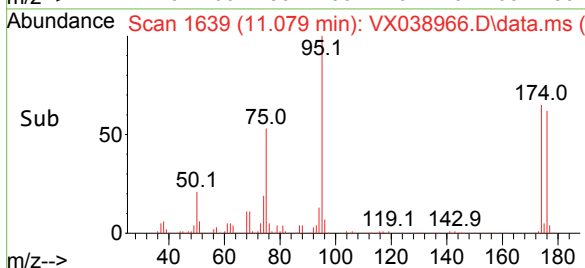
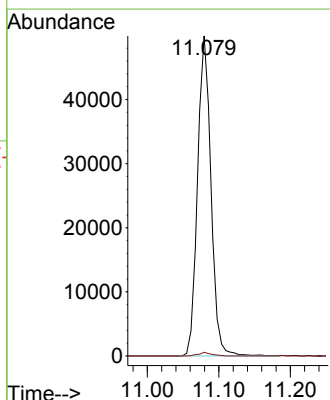
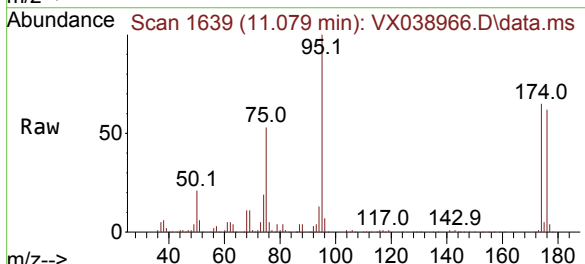
Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

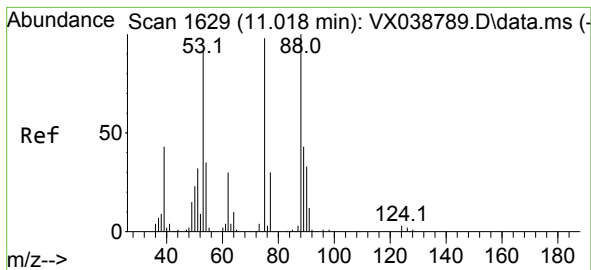
Tgt Ion:152 Resp: 119349
 Ion Ratio Lower Upper
 152 100
 115 66.4 43.3 129.9
 150 158.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.811 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038966.D
 Acq: 20 Nov 2023 18:09

Tgt Ion: 75 Resp: 64947
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.379 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038966.D
 Acq: 20 Nov 2023 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

Tgt Ion: 75 Resp: 64947
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

