

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX1112023\
 Data File : VX038969.D
 Acq On : 20 Nov 2023 19:17
 Operator : JC/MD
 Sample : 05431-13 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20231113

Quant Time: Nov 21 00:25:40 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)

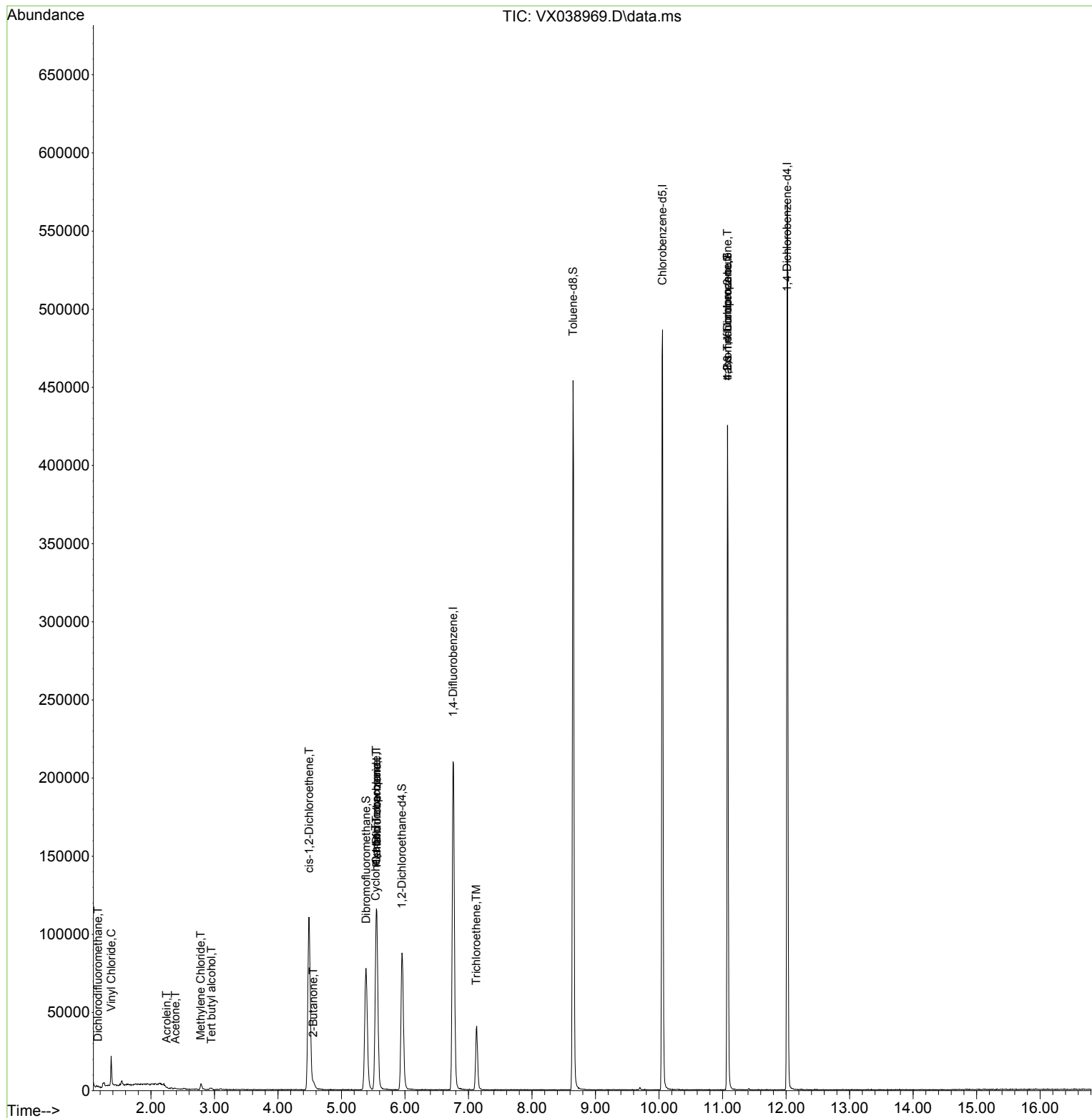
Internal Standards						
1) Pentafluorobenzene	5.556	168	104333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84996	50.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.120%	
35) Dibromofluoromethane	5.385	113	69825	45.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.100%	
50) Toluene-d8	8.647	98	269094	45.377	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.760%#	
62) 4-Bromofluorobenzene	11.079	95	116833	49.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	439	0.361	ug/l	80
4) Vinyl Chloride	1.374	62	11362	7.423	ug/l	95
11) Tert butyl alcohol	2.953	59	650	1.390	ug/l #	78
13) Acrolein	2.245	56	119	0.481	ug/l	86
16) Acetone	2.386	43	1159	1.295	ug/l	94
20) Methylene Chloride	2.782	84	1643	1.018	ug/l	84
25) 2-Butanone	4.556	43	295	0.203	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	67955	40.631	ug/l	88
31) Cyclohexane	5.537	56	2841	1.184	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	9984	4.494	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11842	5.768	ug/l #	15
44) Trichloroethene	7.123	130	14690	9.185	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	62559	23.037	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62559	51.098	ug/l #	5

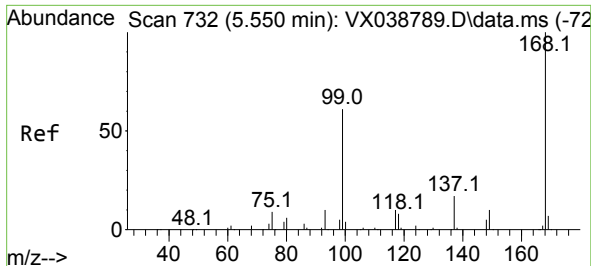
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
Data File : VX038969.D
Acq On : 20 Nov 2023 19:17
Operator : JC/MD
Sample : 05431-13 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

Quant Time: Nov 21 00:25:40 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

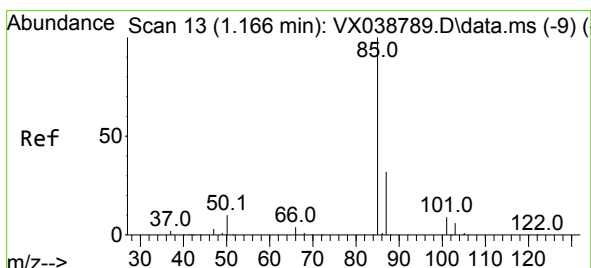
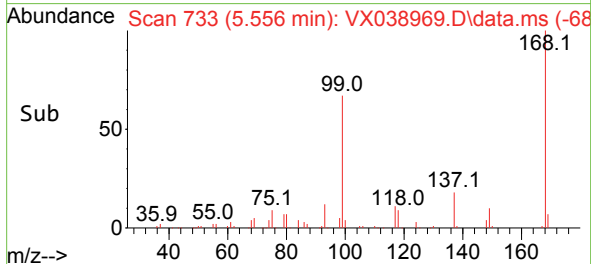
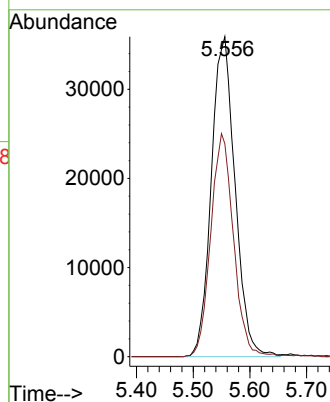
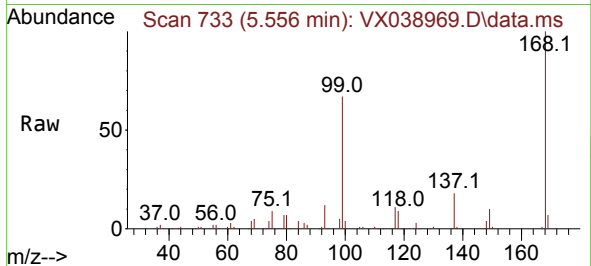




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

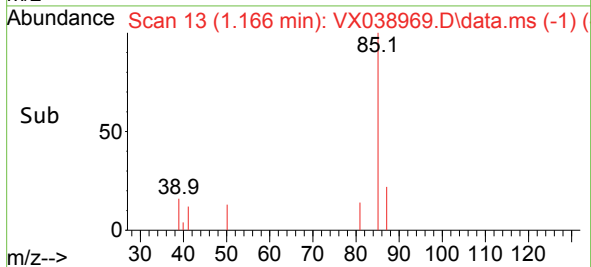
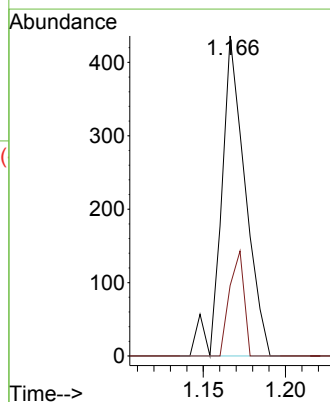
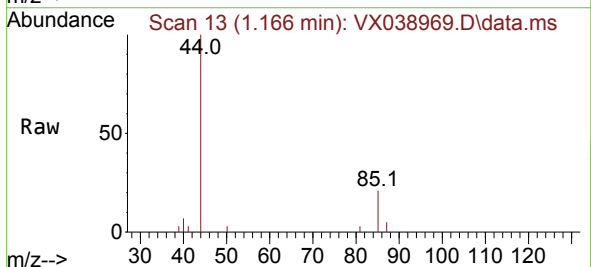
Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

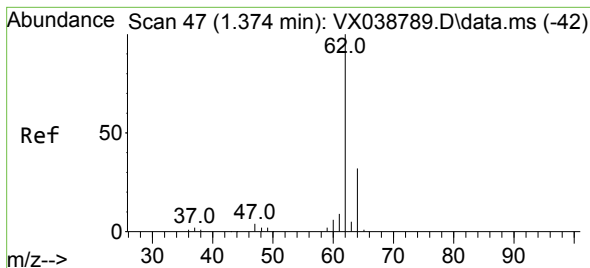
Tgt Ion:168 Resp: 104333
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.361 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 85 Resp: 439
Ion Ratio Lower Upper
85 100
87 22.0 16.7 50.1





#4

Vinyl Chloride

Concen: 7.423 ug/l

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX038969.D

Acq: 20 Nov 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

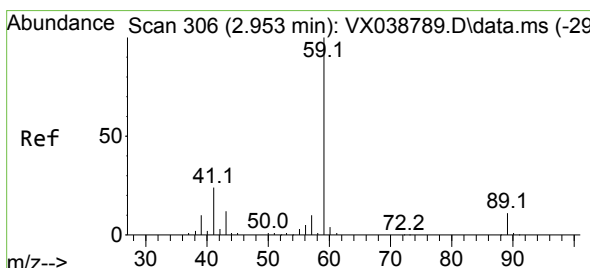
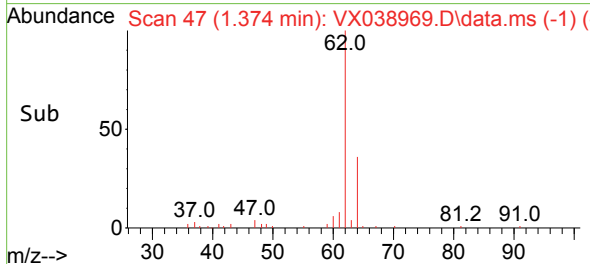
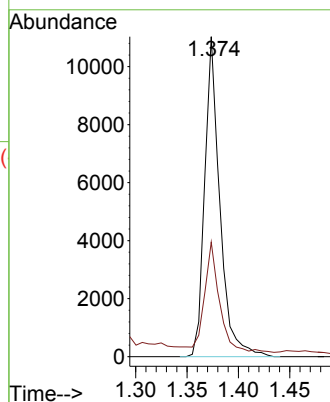
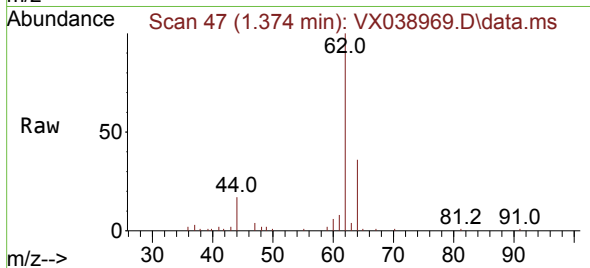
20BR-20231113

Tgt Ion: 62 Resp: 11362

Ion Ratio Lower Upper

62 100

64 34.3 25.4 38.0



#11

Tert butyl alcohol

Concen: 1.390 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX038969.D

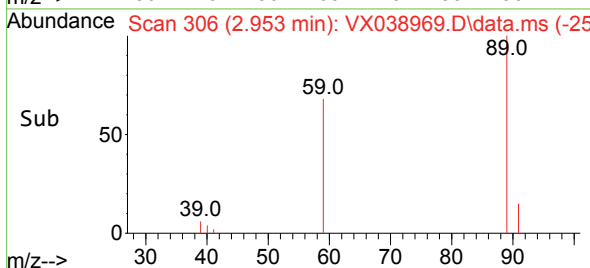
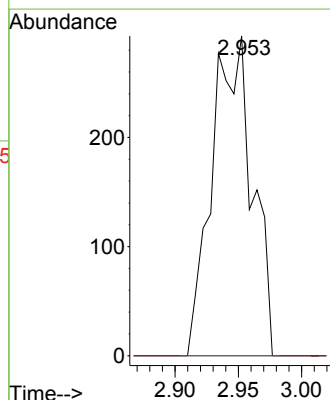
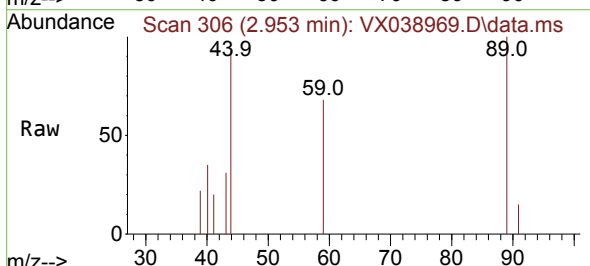
Acq: 20 Nov 2023 19:17

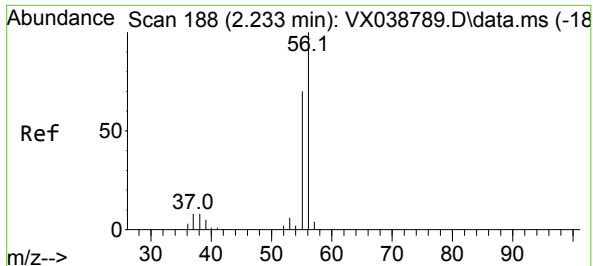
Tgt Ion: 59 Resp: 650

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.481 ug/l

RT: 2.245 min Scan# 119

Delta R.T. 0.012 min

Lab File: VX038969.D

Acq: 20 Nov 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

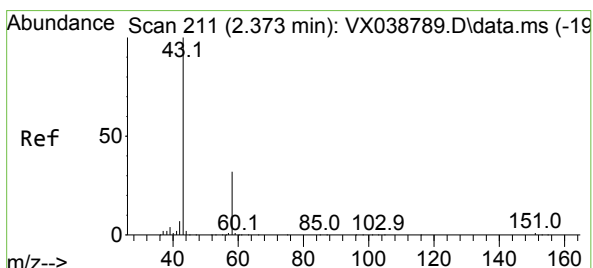
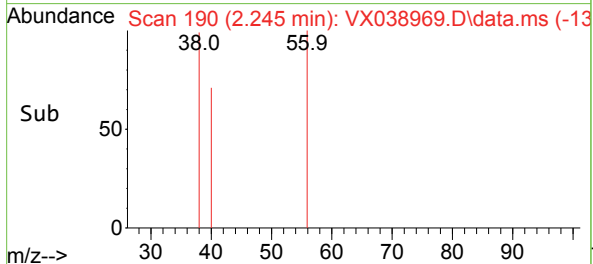
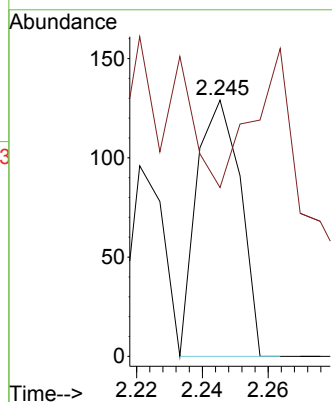
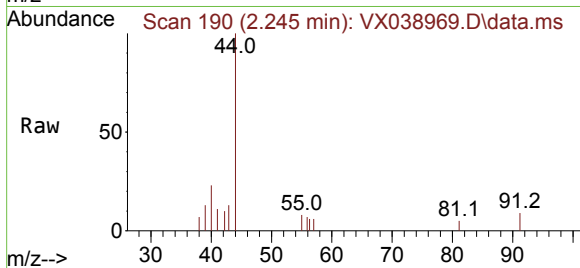
20BR-20231113

Tgt Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 83.2 57.1 85.7



#16

Acetone

Concen: 1.295 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX038969.D

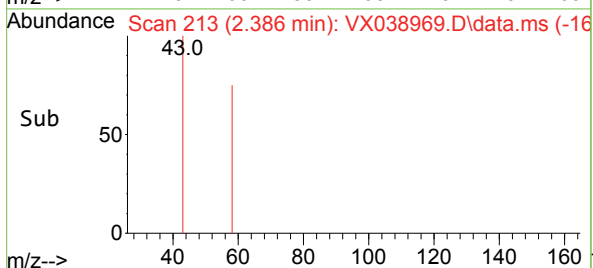
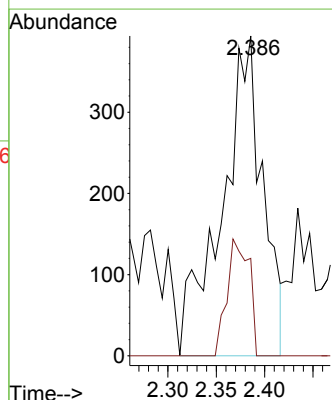
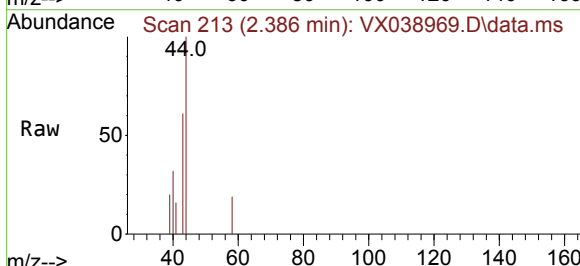
Acq: 20 Nov 2023 19:17

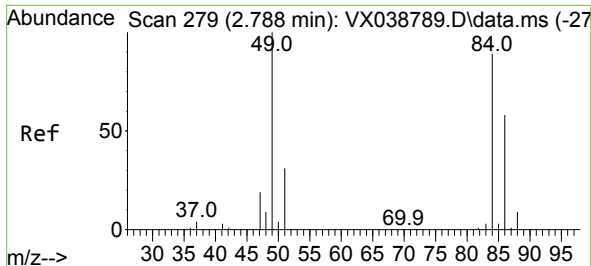
Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

58 30.5 21.9 32.9





#20

Methylene Chloride

Concen: 1.018 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038969.D

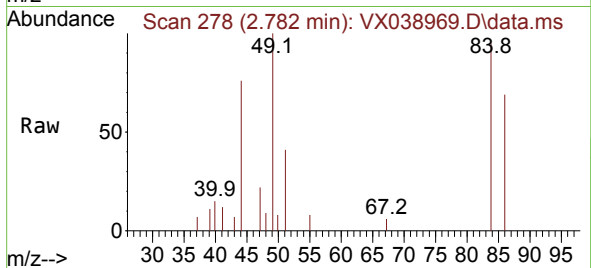
Acq: 20 Nov 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

20BR-20231113



Tgt Ion: 84 Resp: 1643

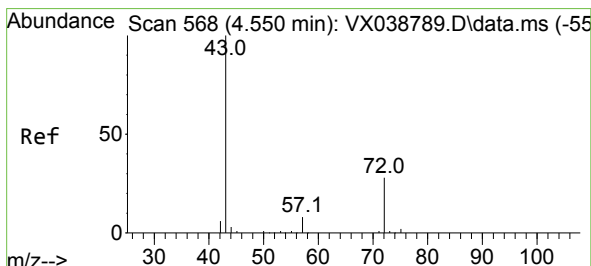
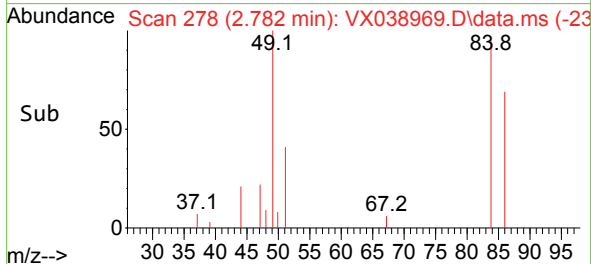
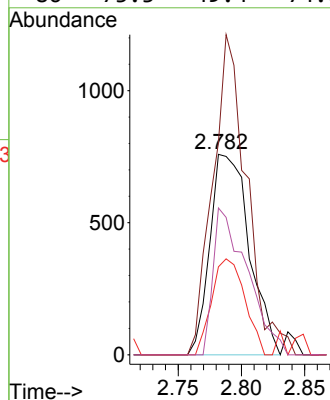
Ion Ratio Lower Upper

84 100

49 105.8 103.6 155.4

51 43.9 33.8 50.6

86 73.3 49.4 74.0



#25

2-Butanone

Concen: 0.203 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX038969.D

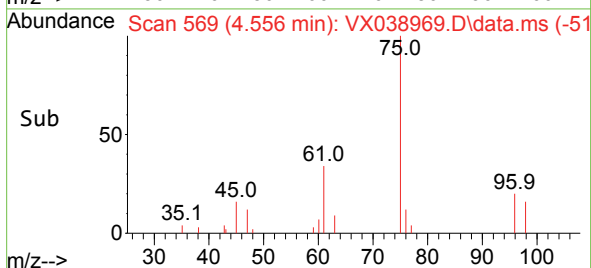
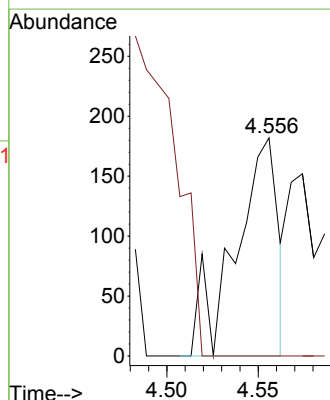
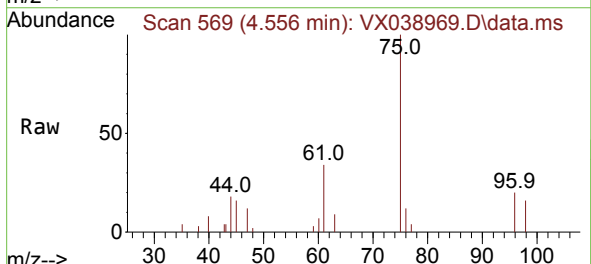
Acq: 20 Nov 2023 19:17

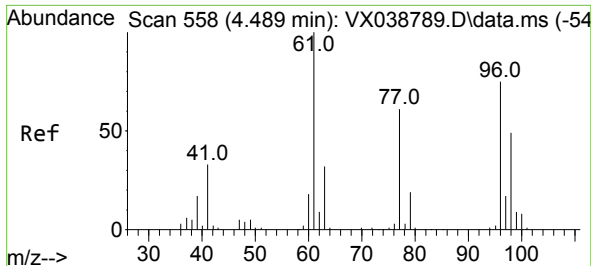
Tgt Ion: 43 Resp: 295

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

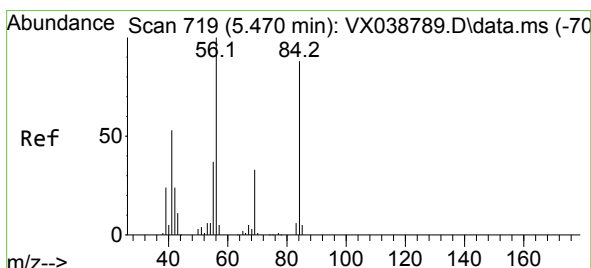
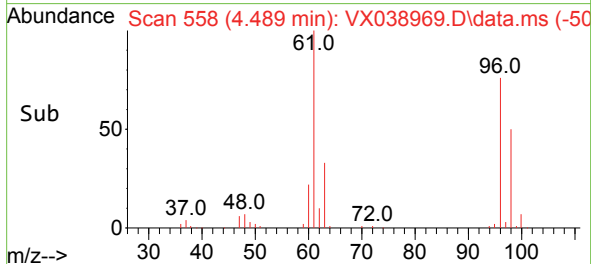
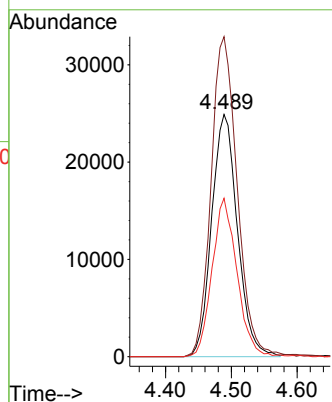
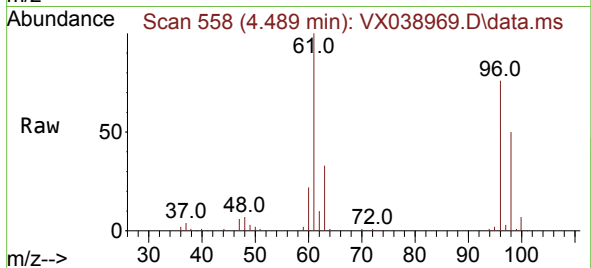




#27
 cis-1,2-Dichloroethene
 Concen: 40.631 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX038969.D
 Acq: 20 Nov 2023 19:17

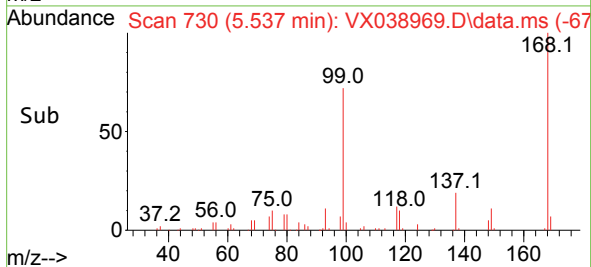
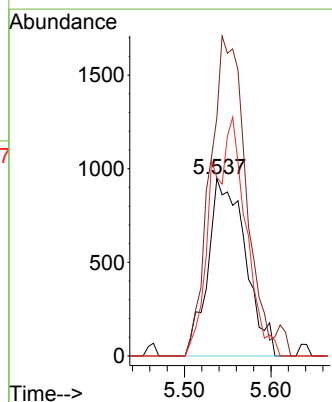
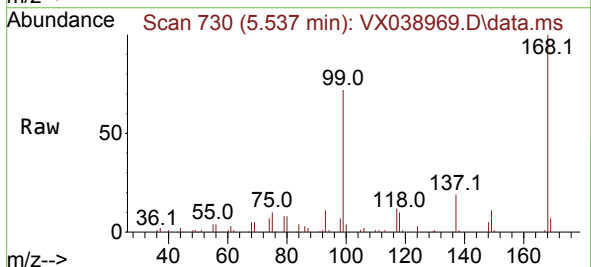
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20231113

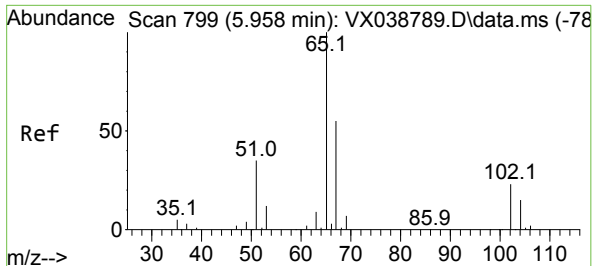
Tgt Ion: 96 Resp: 67955
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 312.2
 98 63.0 0.0 129.0



#31
 Cyclohexane
 Concen: 1.184 ug/l
 RT: 5.537 min Scan# 730
 Delta R.T. 0.067 min
 Lab File: VX038969.D
 Acq: 20 Nov 2023 19:17

Tgt Ion: 56 Resp: 2841
 Ion Ratio Lower Upper
 56 100
 69 134.2 23.4 35.2#
 84 100.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.558 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038969.D

Acq: 20 Nov 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

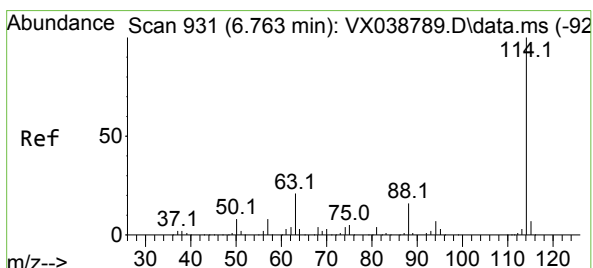
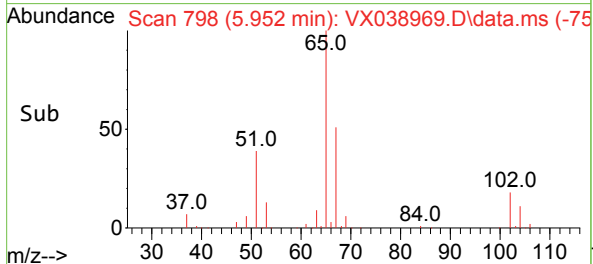
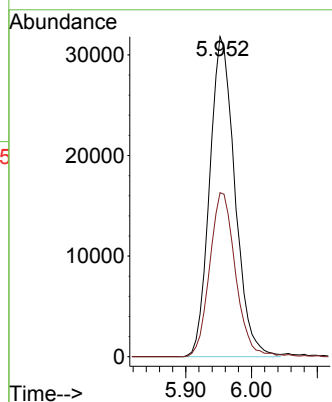
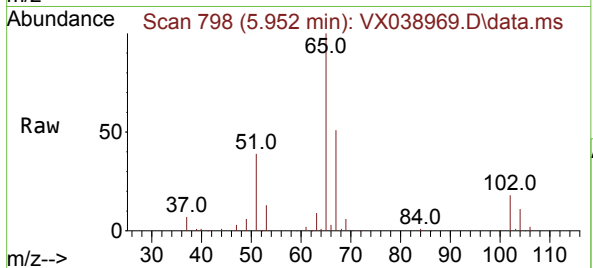
20BR-20231113

Tgt Ion: 65 Resp: 84996

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038969.D

Acq: 20 Nov 2023 19:17

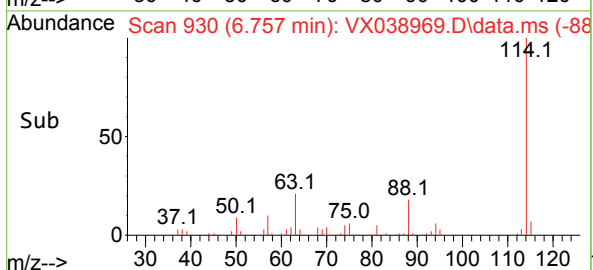
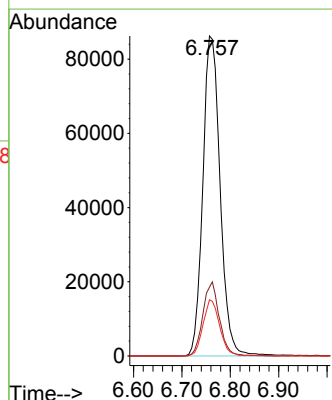
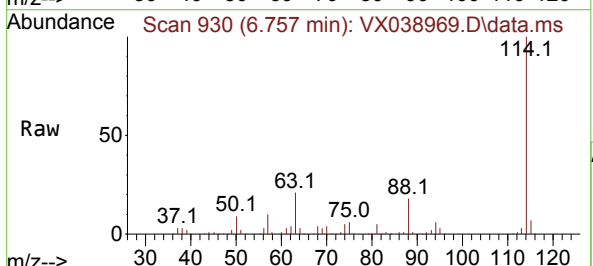
Tgt Ion:114 Resp: 214606

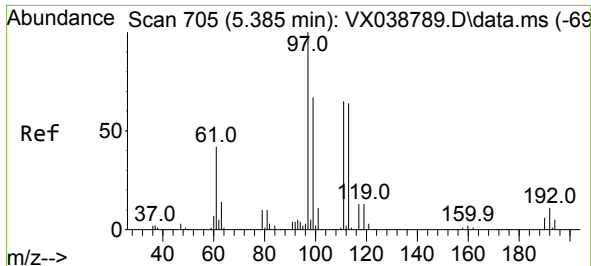
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

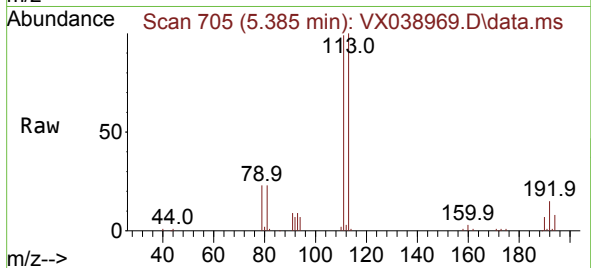
88 17.6 0.0 36.6



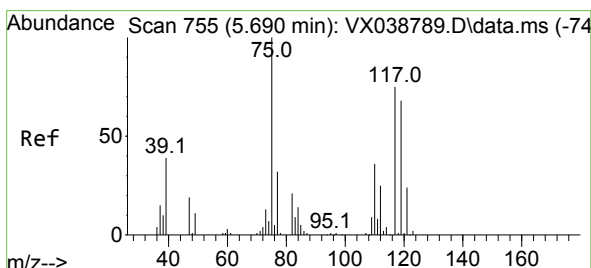
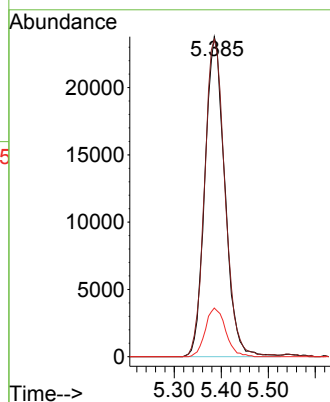
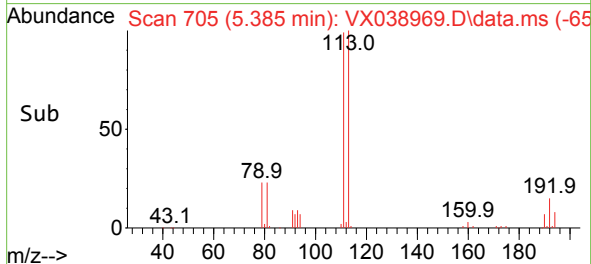


#35
Dibromofluoromethane
Concen: 45.050 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

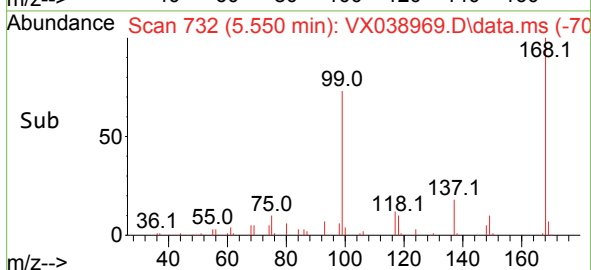
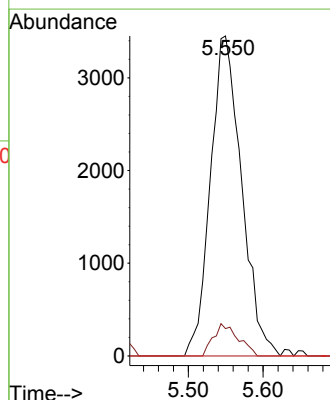
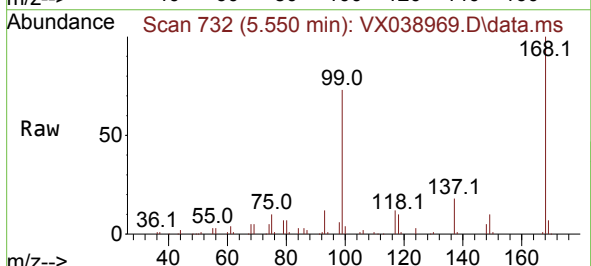


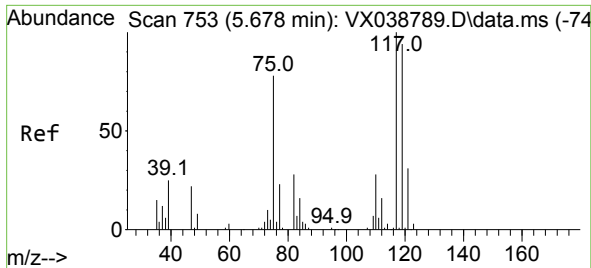
Tgt Ion:113 Resp: 69825
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 15.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 75 Resp: 9984
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#

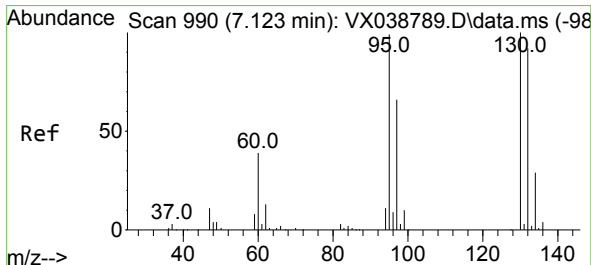
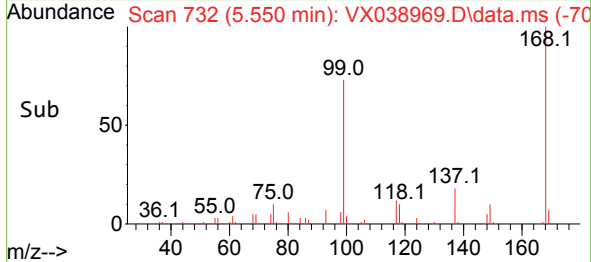
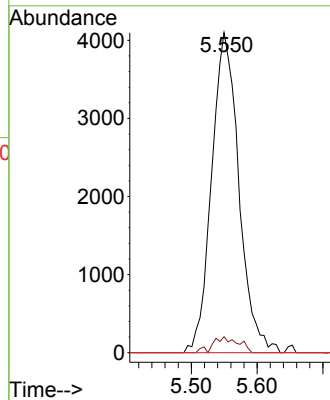
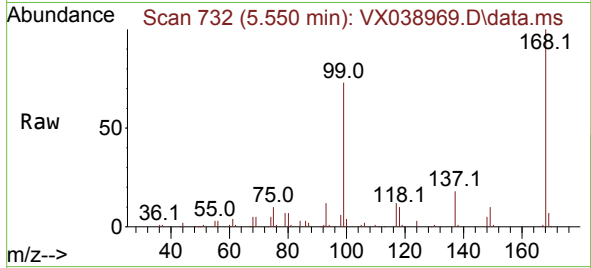




#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

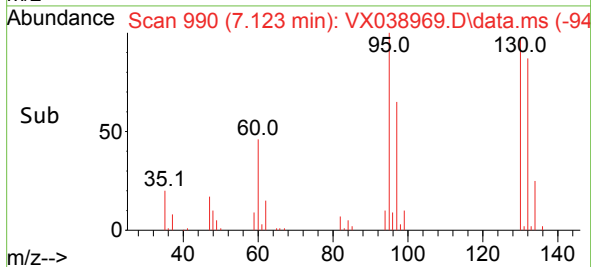
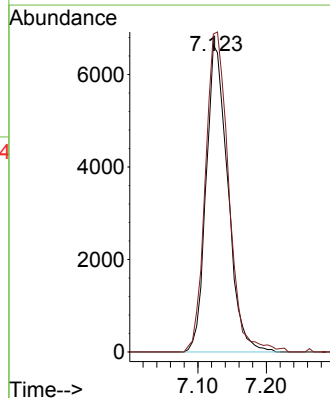
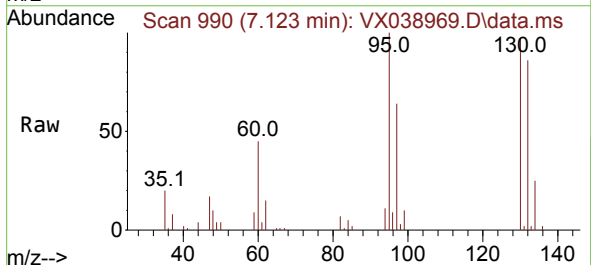
Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

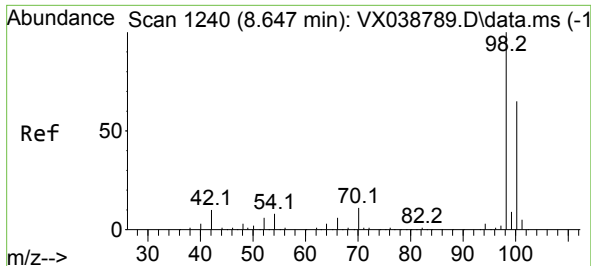
Tgt Ion:117 Resp: 11842
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 9.185 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion:130 Resp: 14690
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.4

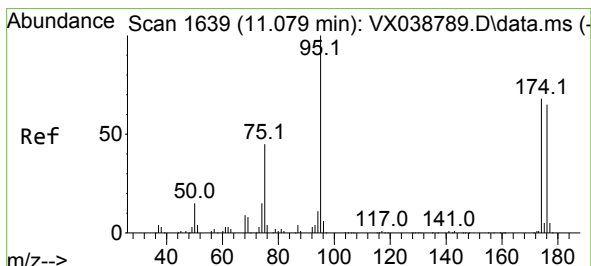
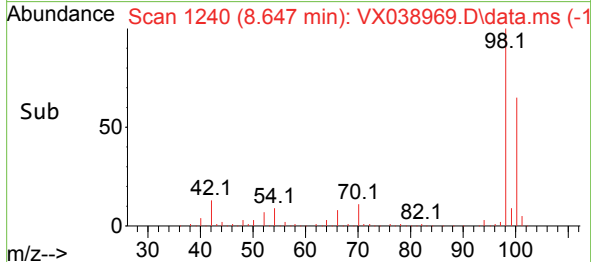
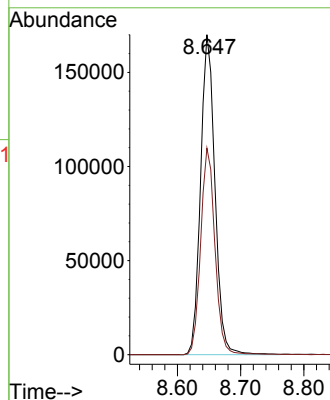
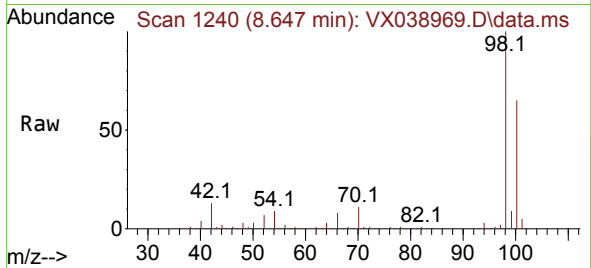




#50
Toluene-d8
Concen: 45.377 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

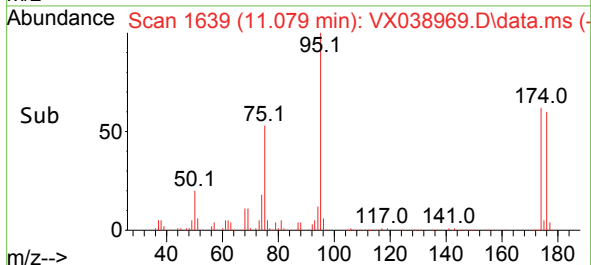
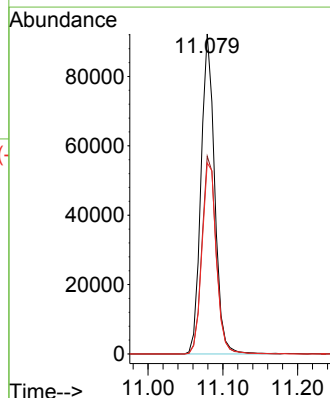
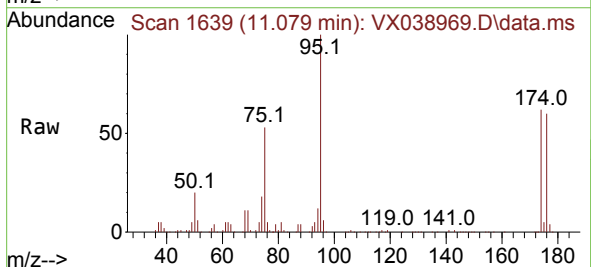
Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

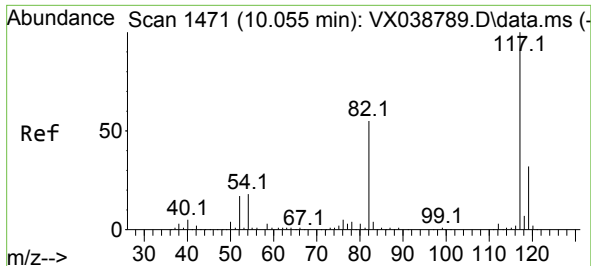
Tgt Ion: 98 Resp: 269094
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 95 Resp: 116833
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.6
176 62.9 0.0 131.0

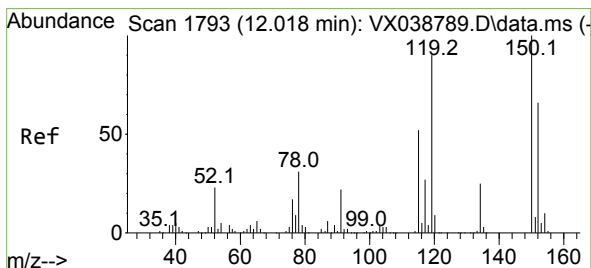
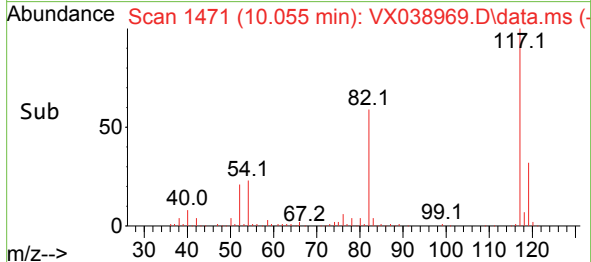
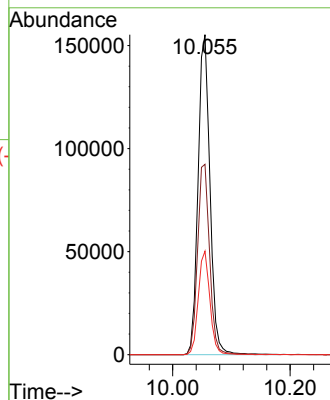
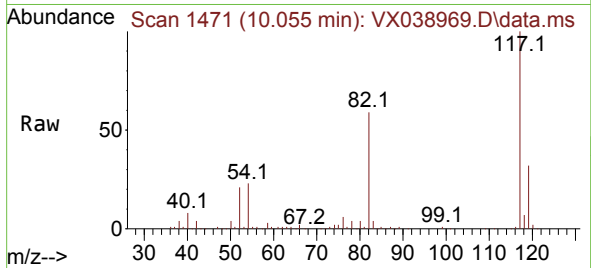




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

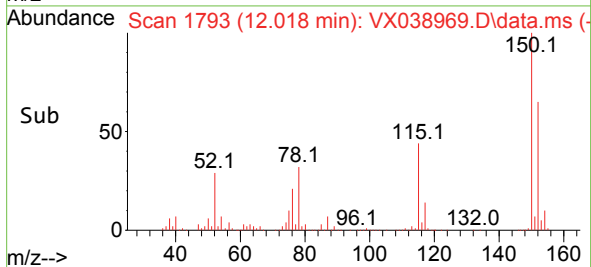
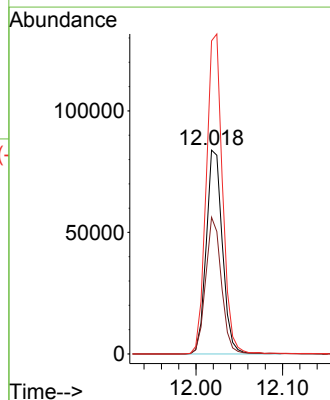
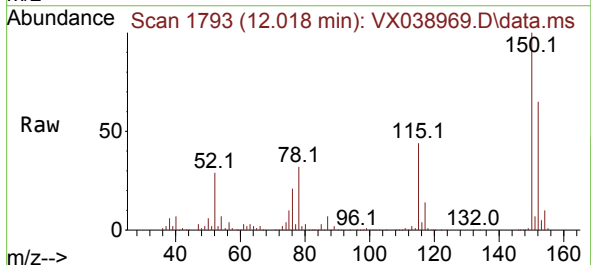
Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

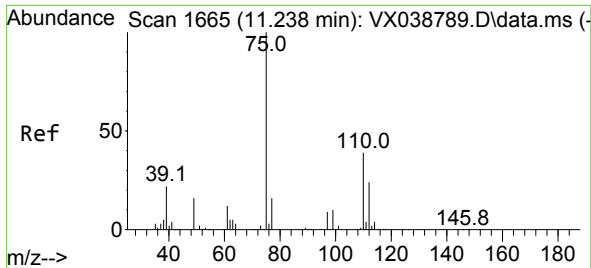
Tgt Ion:117 Resp: 218493
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion:152 Resp: 108842
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 158.0 0.0 345.0

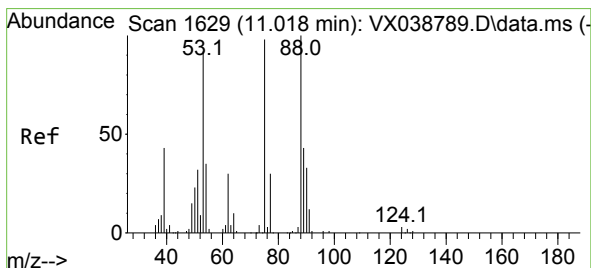
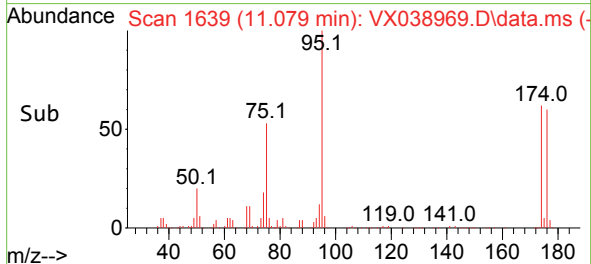
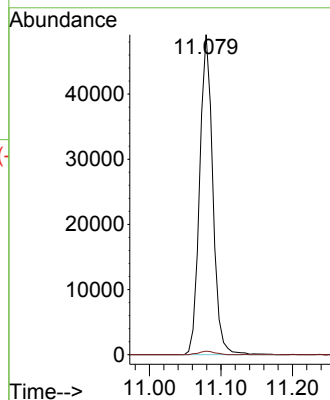
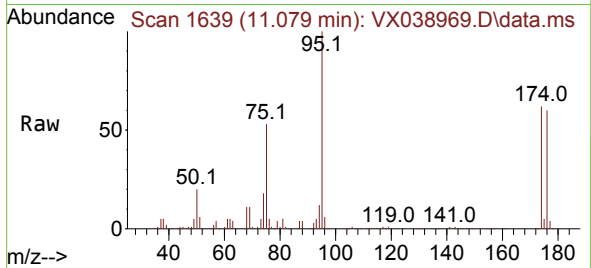




#76
1,2,3-Trichloropropane
Concen: 23.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
20BR-20231113

Tgt Ion: 75 Resp: 62559
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038969.D
Acq: 20 Nov 2023 19:17

Tgt Ion: 75 Resp: 62559
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

