

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038204.D
 Acq On : 10 Oct 2023 16:19
 Operator : JC/MD
 Sample : 04782-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-100423

Quant Time: Oct 11 01:39:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

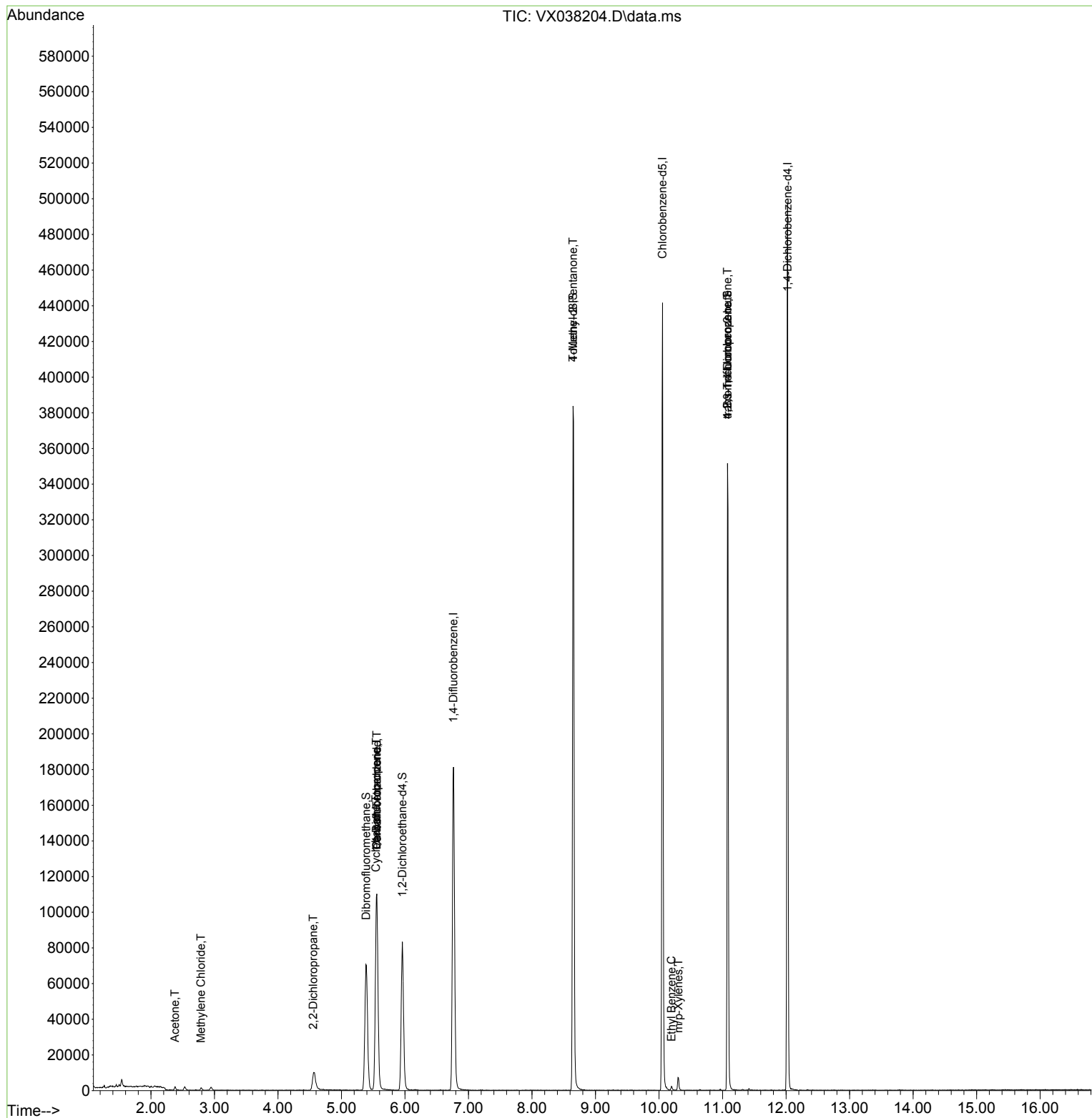
Internal Standards						
1) Pentafluorobenzene	5.556	168	104423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77167	45.944	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.880%		
35) Dibromofluoromethane	5.385	113	61447	46.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.647	98	237320	46.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.160%		
62) 4-Bromofluorobenzene	11.079	95	89487	46.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.660%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.544	94	105	Below Cal	#	3
6) Chloroethane	1.691	64	370	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	1209	Below Cal	#	78
16) Acetone	2.379	43	1980	2.825	ug/l #	85
20) Methylene Chloride	2.788	84	559	0.424	ug/l	86
26) 2,2-Dichloropropane	4.556	77	412	0.243	ug/l #	54
31) Cyclohexane	5.544	56	2584	1.420	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	8973	4.881	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10647	5.887	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	980	0.436	ug/l #	1
67) Ethyl Benzene	10.195	91	1427	0.202	ug/l	100
68) m/p-Xylenes	10.305	106	1812	0.663	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	49750	22.156	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49750	63.510	ug/l #	5

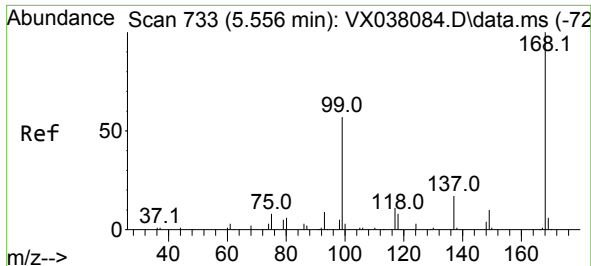
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 01:39:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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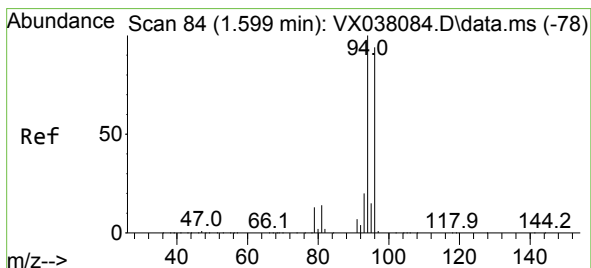
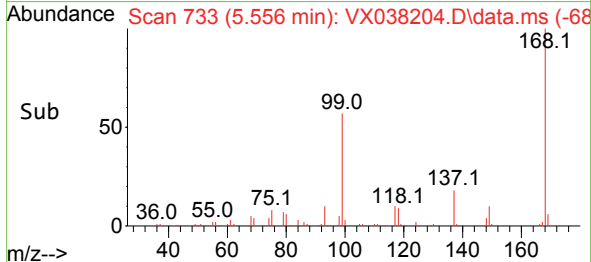
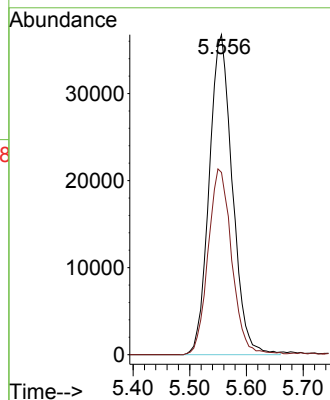
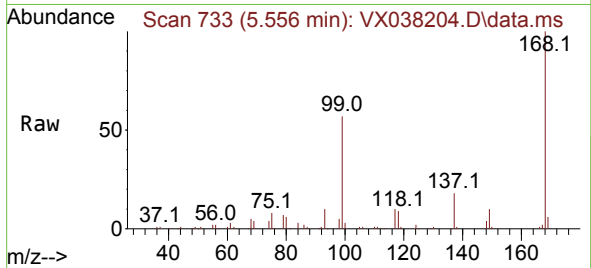




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

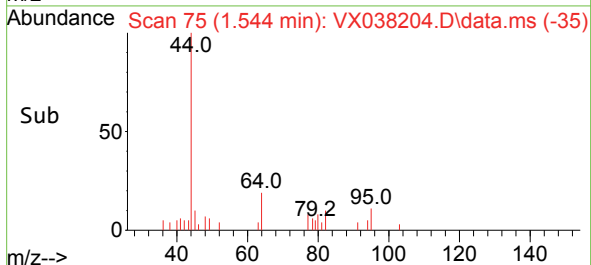
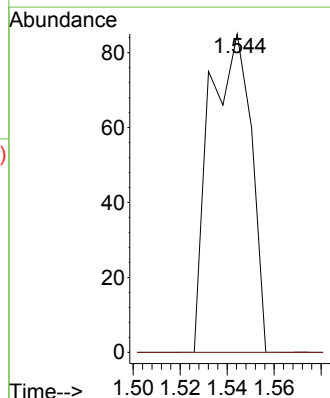
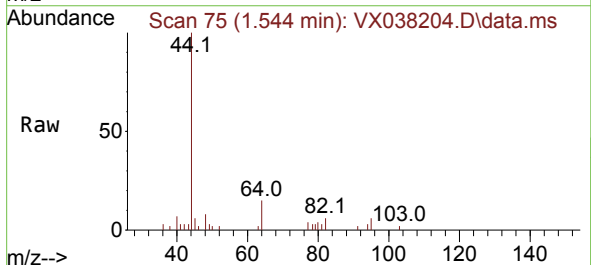
Instrument : MSVOA_X
ClientSampleId : FB-100423

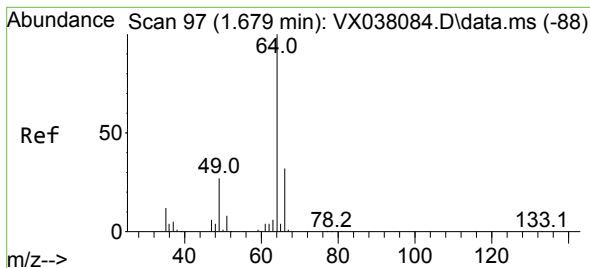
Tgt Ion:168 Resp: 104423
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX038204.D

Acq: 10 Oct 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

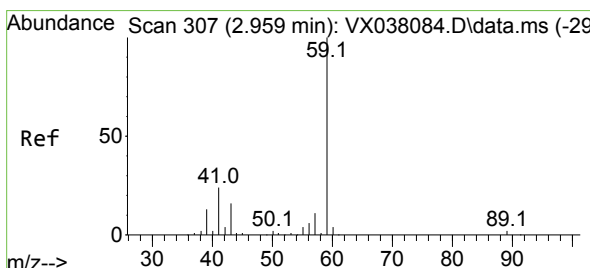
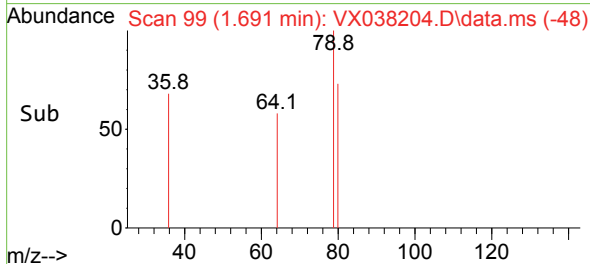
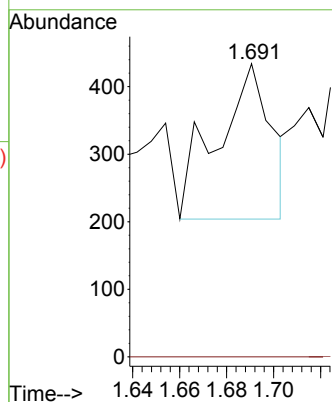
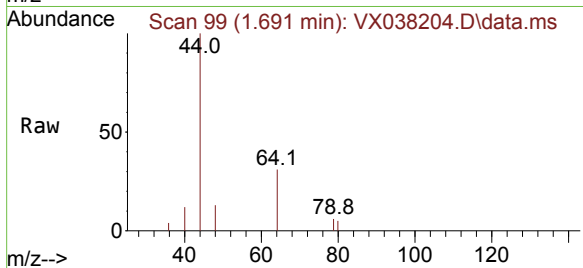
FB-100423

Tgt Ion: 64 Resp: 370

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038204.D

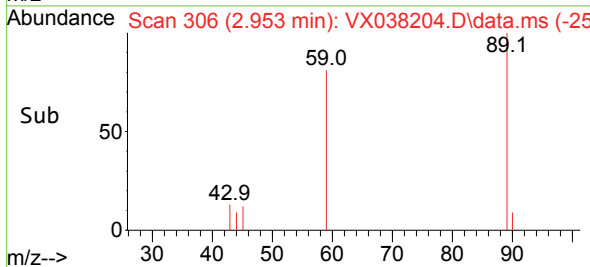
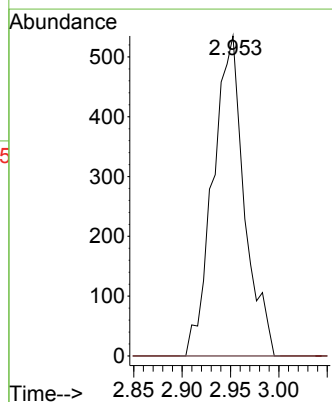
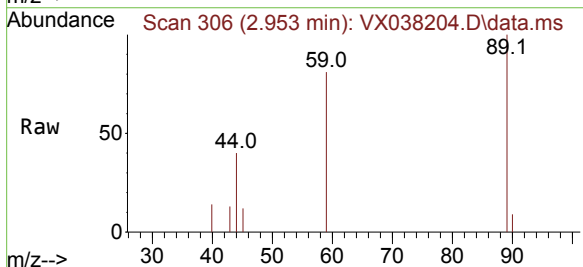
Acq: 10 Oct 2023 16:19

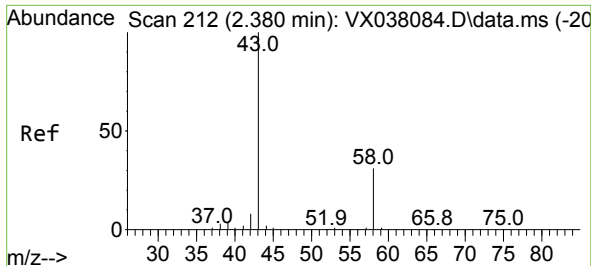
Tgt Ion: 59 Resp: 1209

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

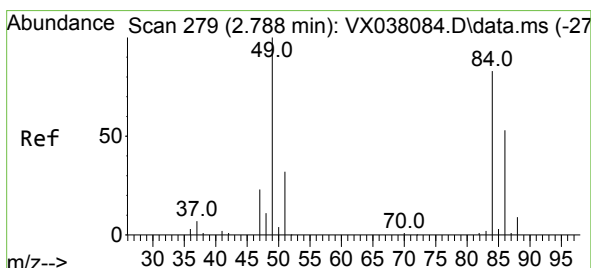
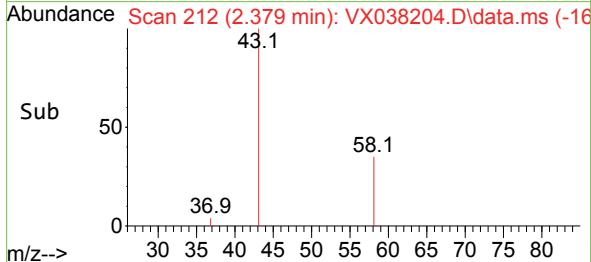
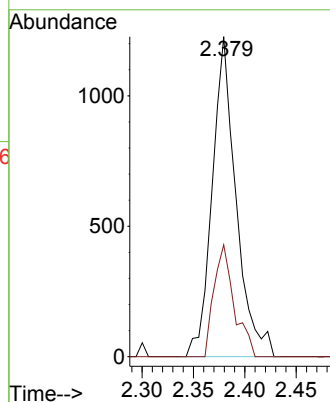
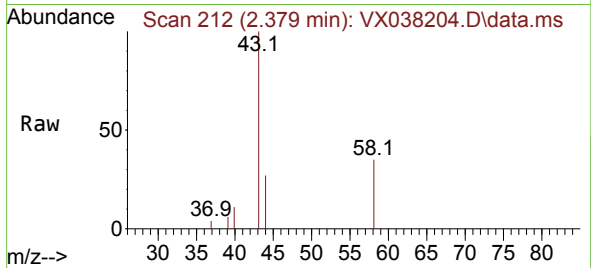




#16
 Acetone
 Concen: 2.825 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.001 min
 Lab File: VX038204.D
 Acq: 10 Oct 2023 16:19

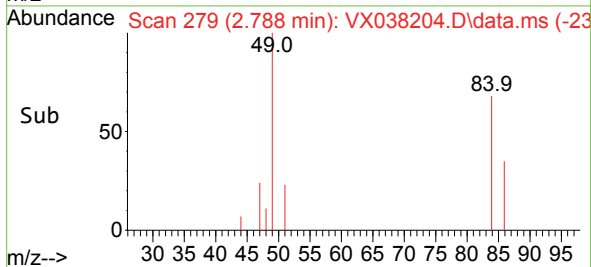
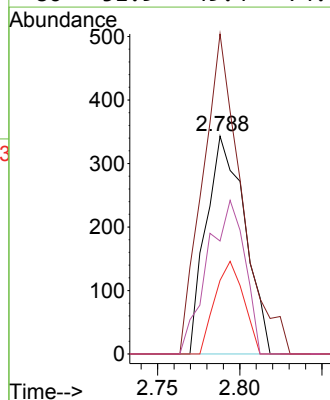
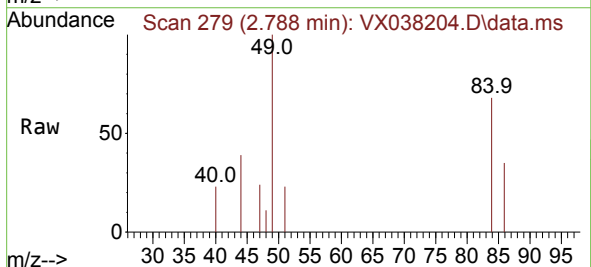
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-100423

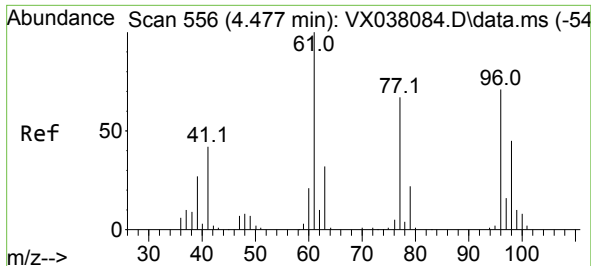
Tgt Ion: 43 Resp: 1980
 Ion Ratio Lower Upper
 43 100
 58 35.0 21.9 32.9#



#20
 Methylene Chloride
 Concen: 0.424 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX038204.D
 Acq: 10 Oct 2023 16:19

Tgt Ion: 84 Resp: 559
 Ion Ratio Lower Upper
 84 100
 49 146.9 103.6 155.4
 51 33.8 33.8 50.6
 86 51.9 49.4 74.0

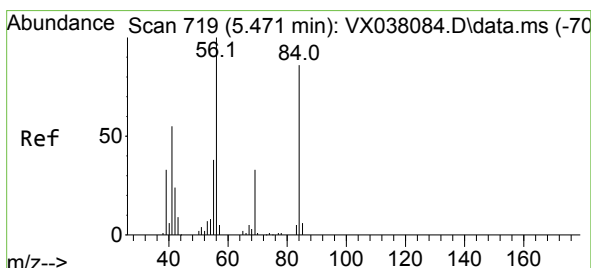
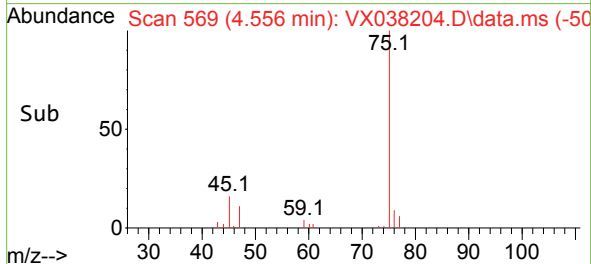
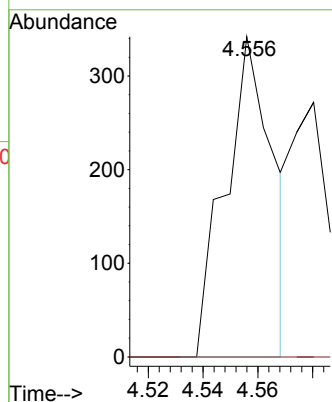
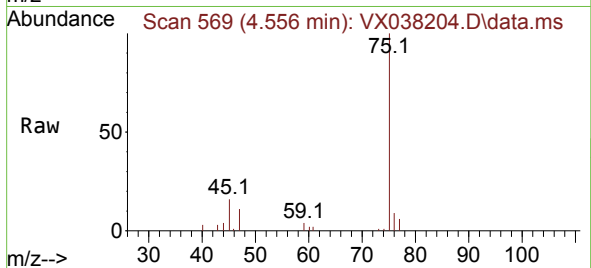




#26
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.079 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

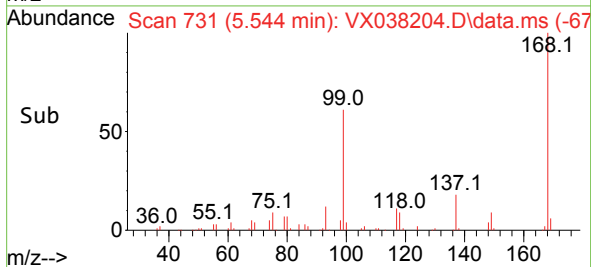
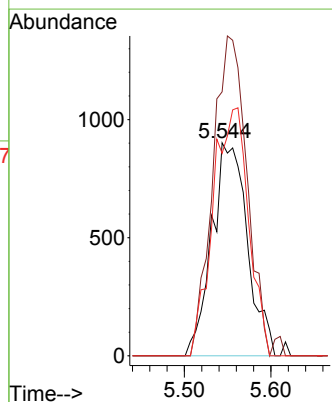
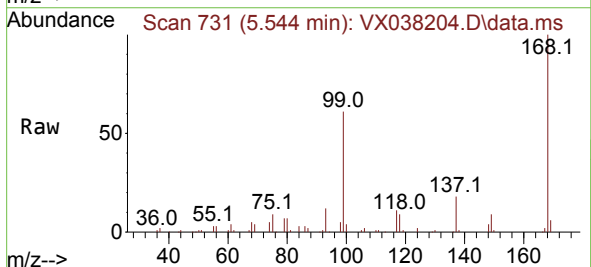
Instrument :
MSVOA_X
ClientSampleId :
FB-100423

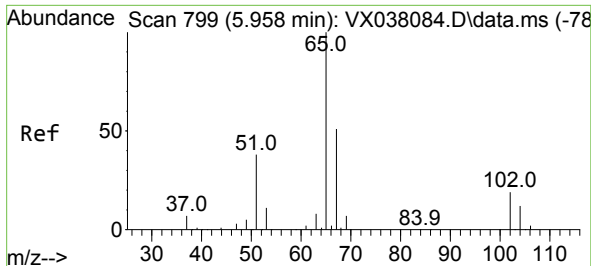
Tgt Ion: 77 Resp: 412
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.420 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion: 56 Resp: 2584
Ion Ratio Lower Upper
56 100
69 123.9 23.4 35.2#
84 95.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 45.944 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038204.D

Acq: 10 Oct 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

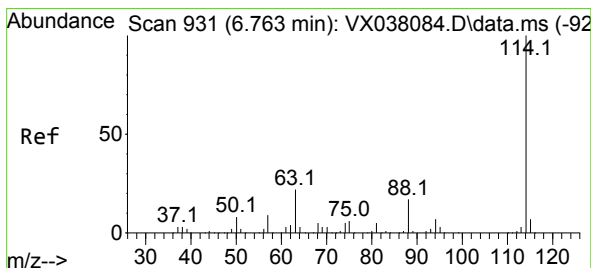
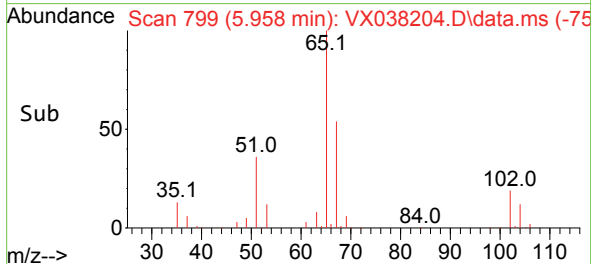
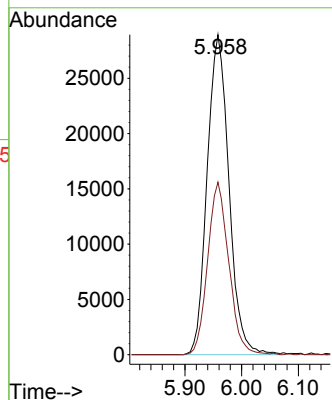
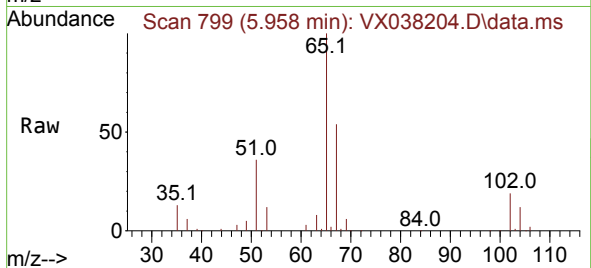
FB-100423

Tgt Ion: 65 Resp: 77167

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038204.D

Acq: 10 Oct 2023 16:19

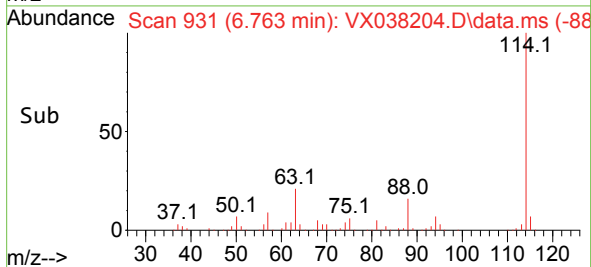
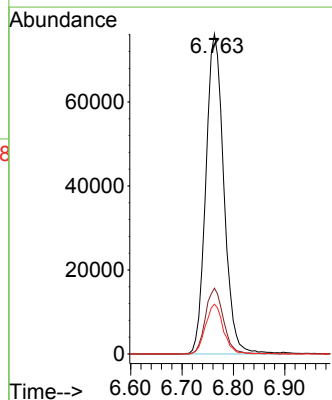
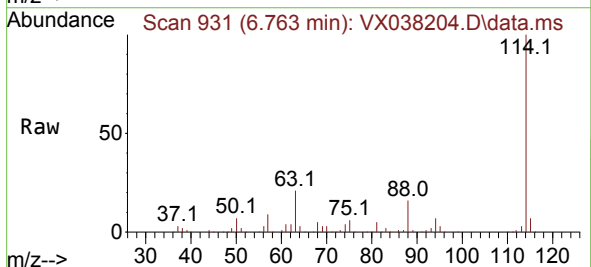
Tgt Ion: 114 Resp: 185019

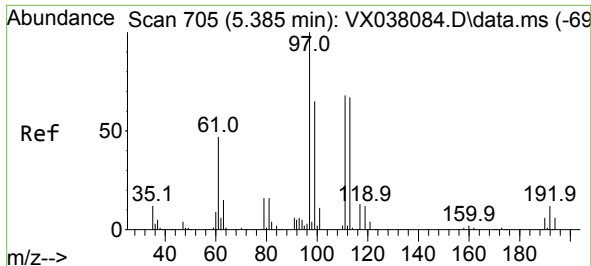
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 15.6 0.0 36.6

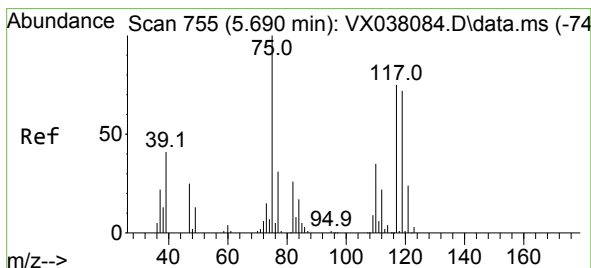
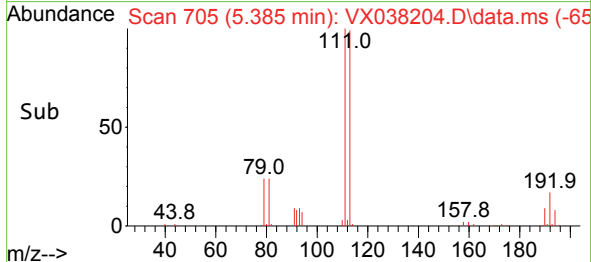
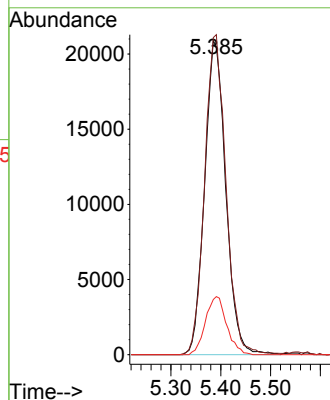
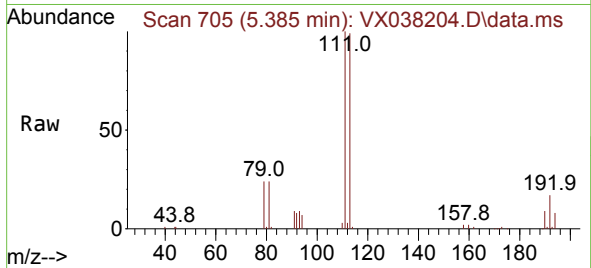




#35
Dibromofluoromethane
Concen: 46.091 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

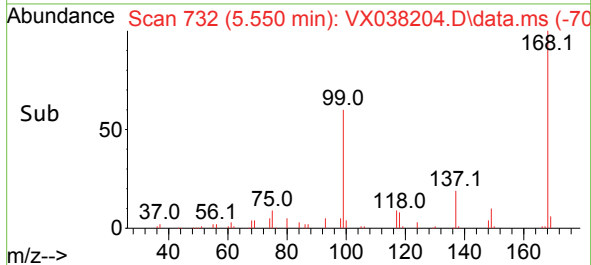
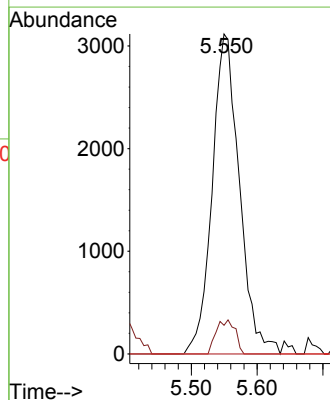
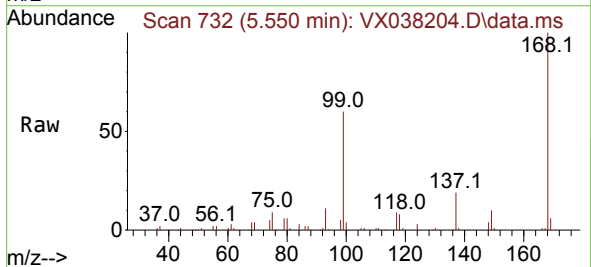
Instrument :
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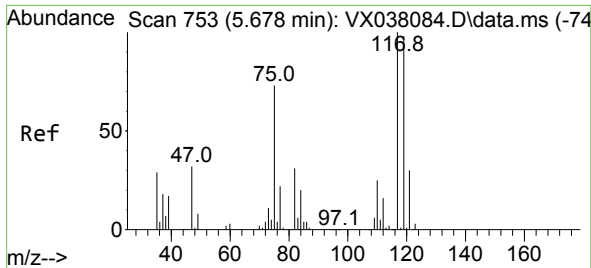
Tgt Ion:113 Resp: 61447
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion: 75 Resp: 8973
Ion Ratio Lower Upper
75 100
110 7.4 17.0 50.9#
77 0.0 24.7 37.1#

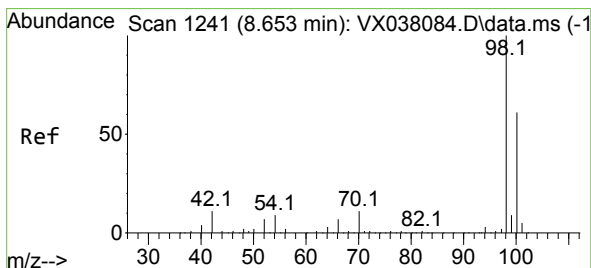
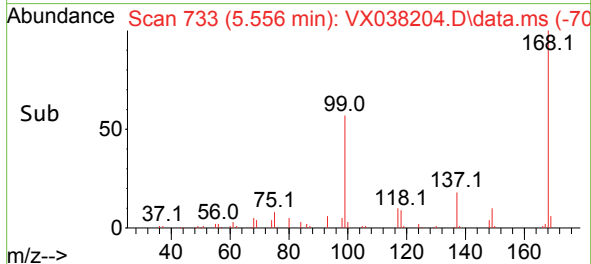
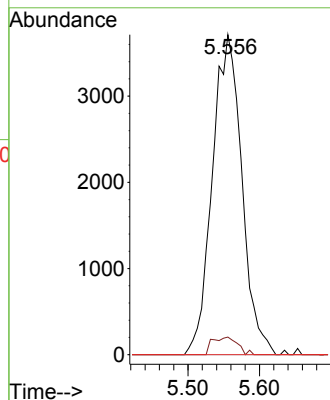
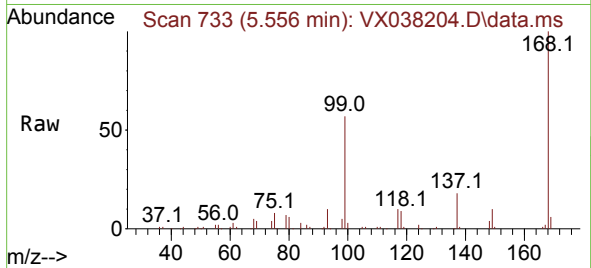




#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

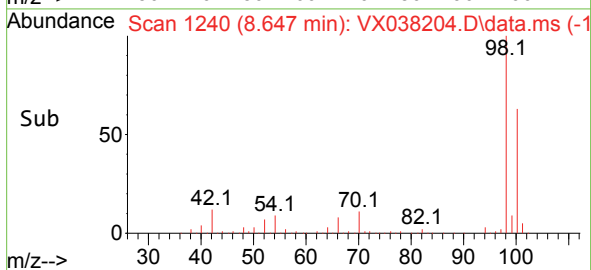
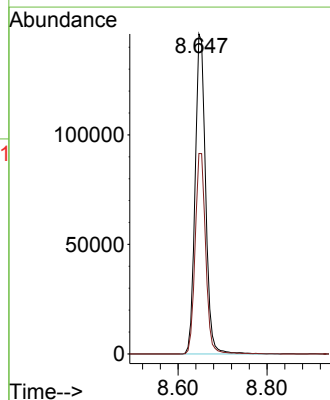
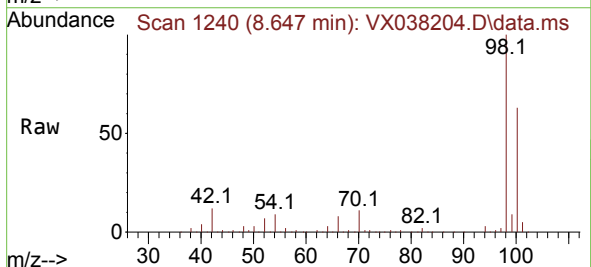
Instrument :
MSVOA_X
ClientSampleId :
FB-100423

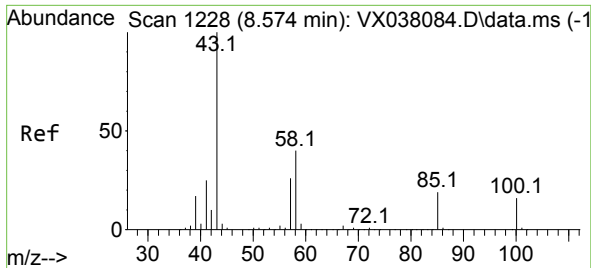
Tgt Ion:117 Resp: 10647
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion: 98 Resp: 237320
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7

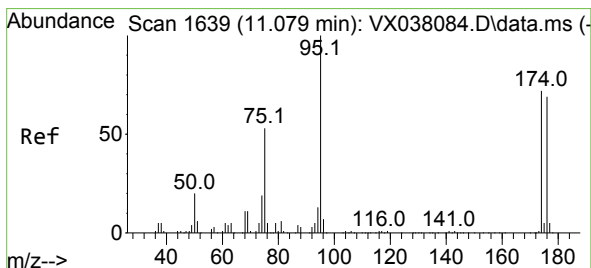
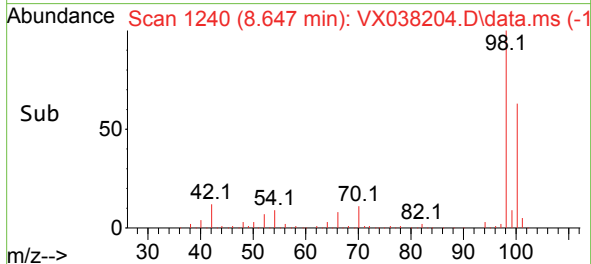
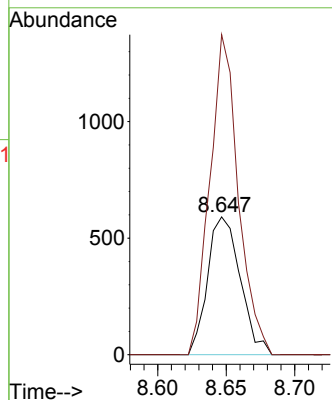
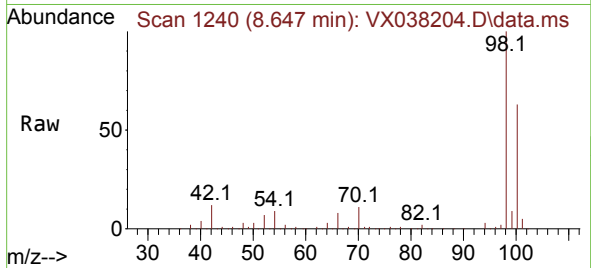




#51
4-Methyl-2-Pentanone
Concen: 0.436 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

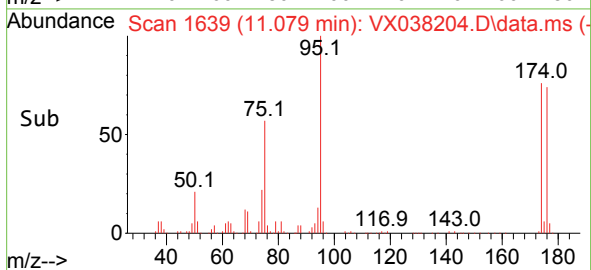
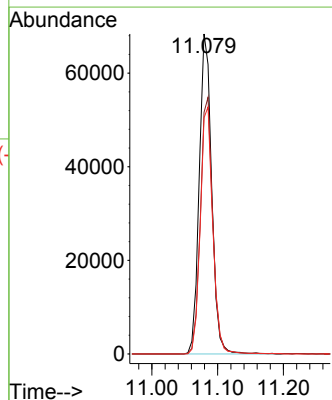
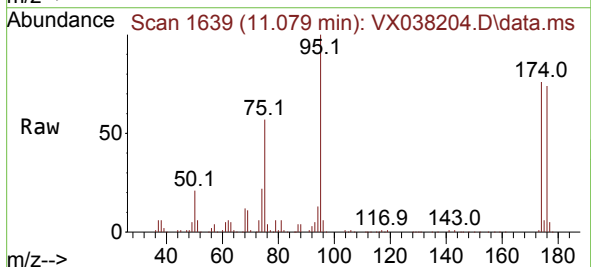
Instrument :
MSVOA_X
ClientSampleId :
FB-100423

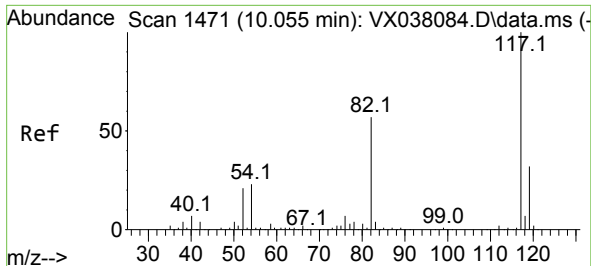
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 202.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion: 95 Resp: 89487
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 77.6 0.0 131.0

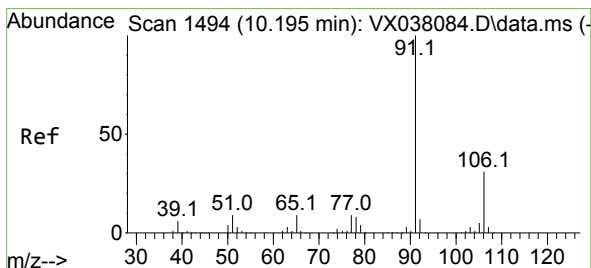
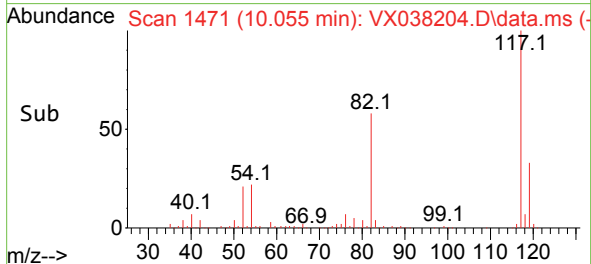
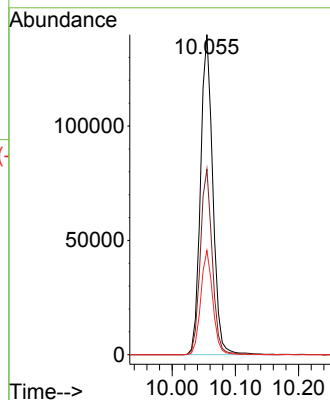
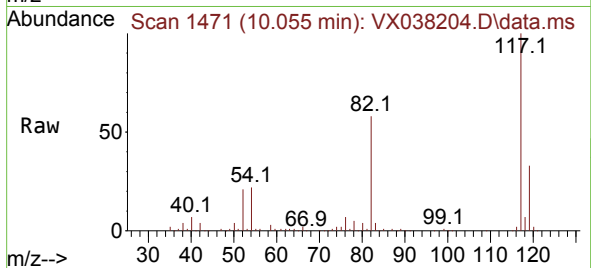




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

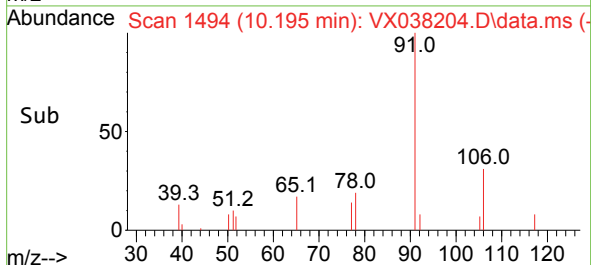
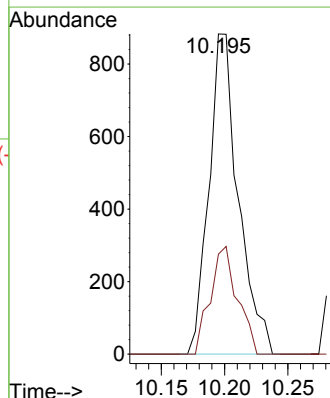
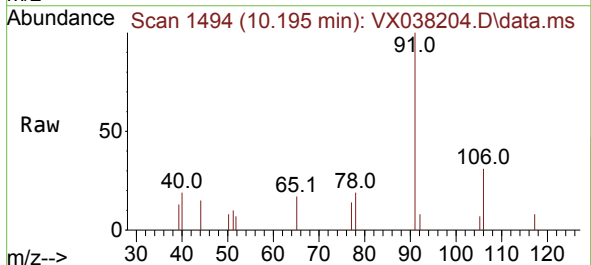
Instrument :
MSVOA_X
ClientSampleId :
FB-100423

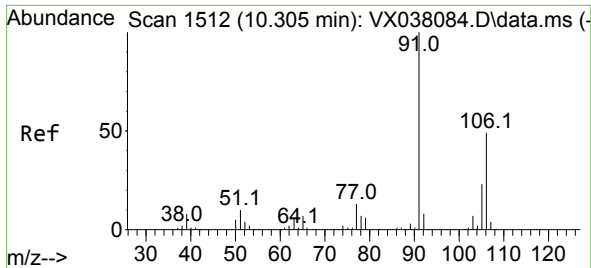
Tgt Ion:117 Resp: 189283
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion: 91 Resp: 1427
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

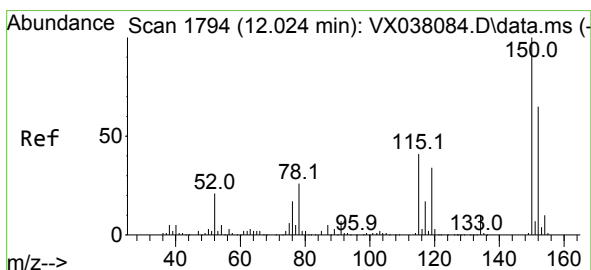
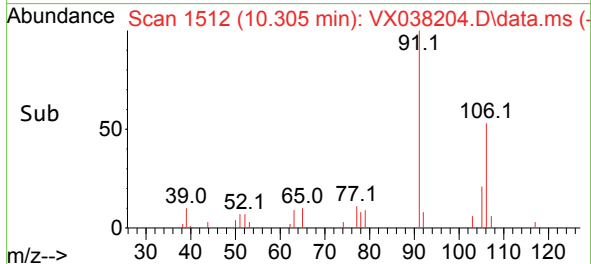
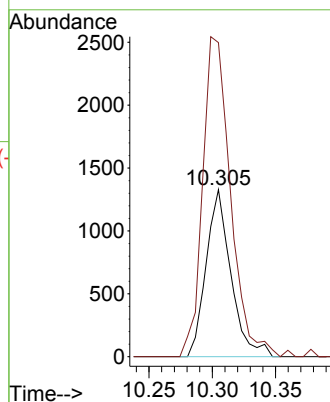
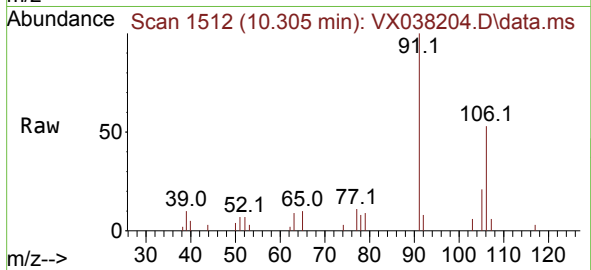




#68
m/p-Xylenes
Concen: 0.663 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

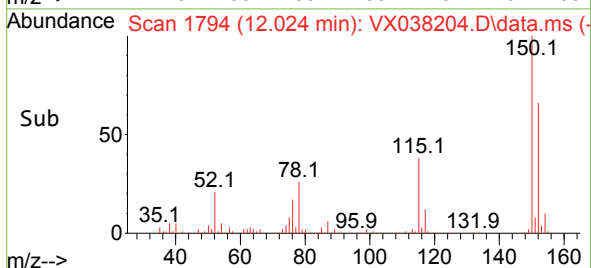
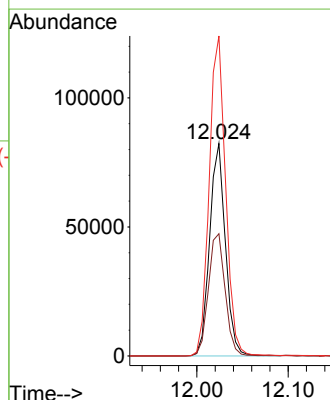
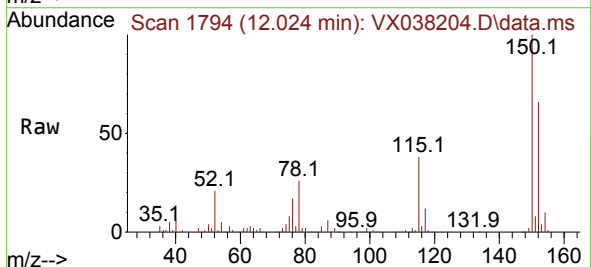
Instrument :
MSVOA_X
ClientSampleId :
FB-100423

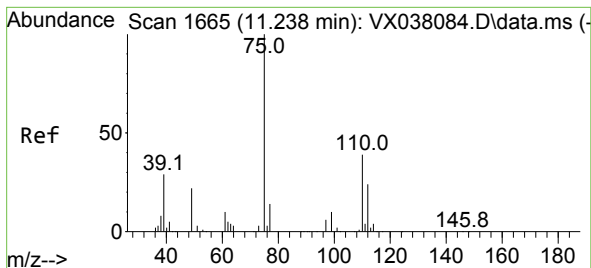
Tgt Ion:106 Resp: 1812
Ion Ratio Lower Upper
106 100
91 216.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038204.D
Acq: 10 Oct 2023 16:19

Tgt Ion:152 Resp: 98770
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038204.D

Acq: 10 Oct 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

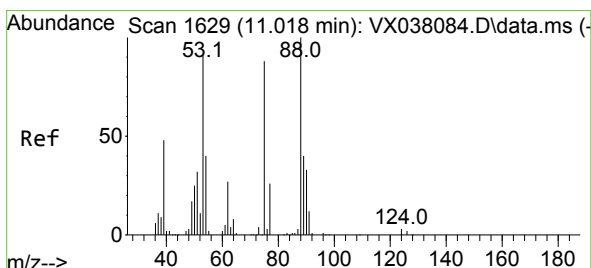
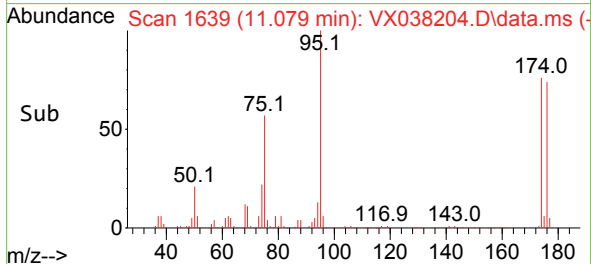
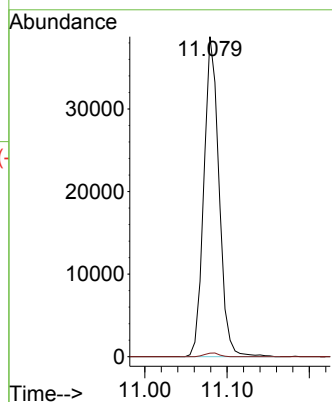
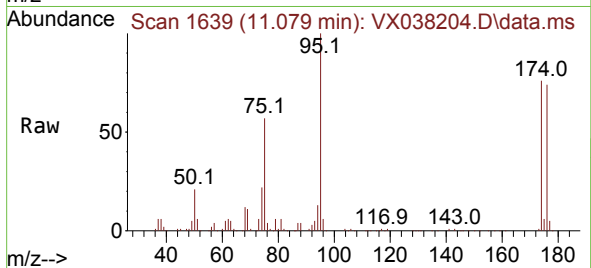
FB-100423

Tgt Ion: 75 Resp: 49750

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.510 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038204.D

Acq: 10 Oct 2023 16:19

Tgt Ion: 75 Resp: 49750

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

