

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038173.D
 Acq On : 09 Oct 2023 15:47
 Operator : JC/MD
 Sample : 04810-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:57:51 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)

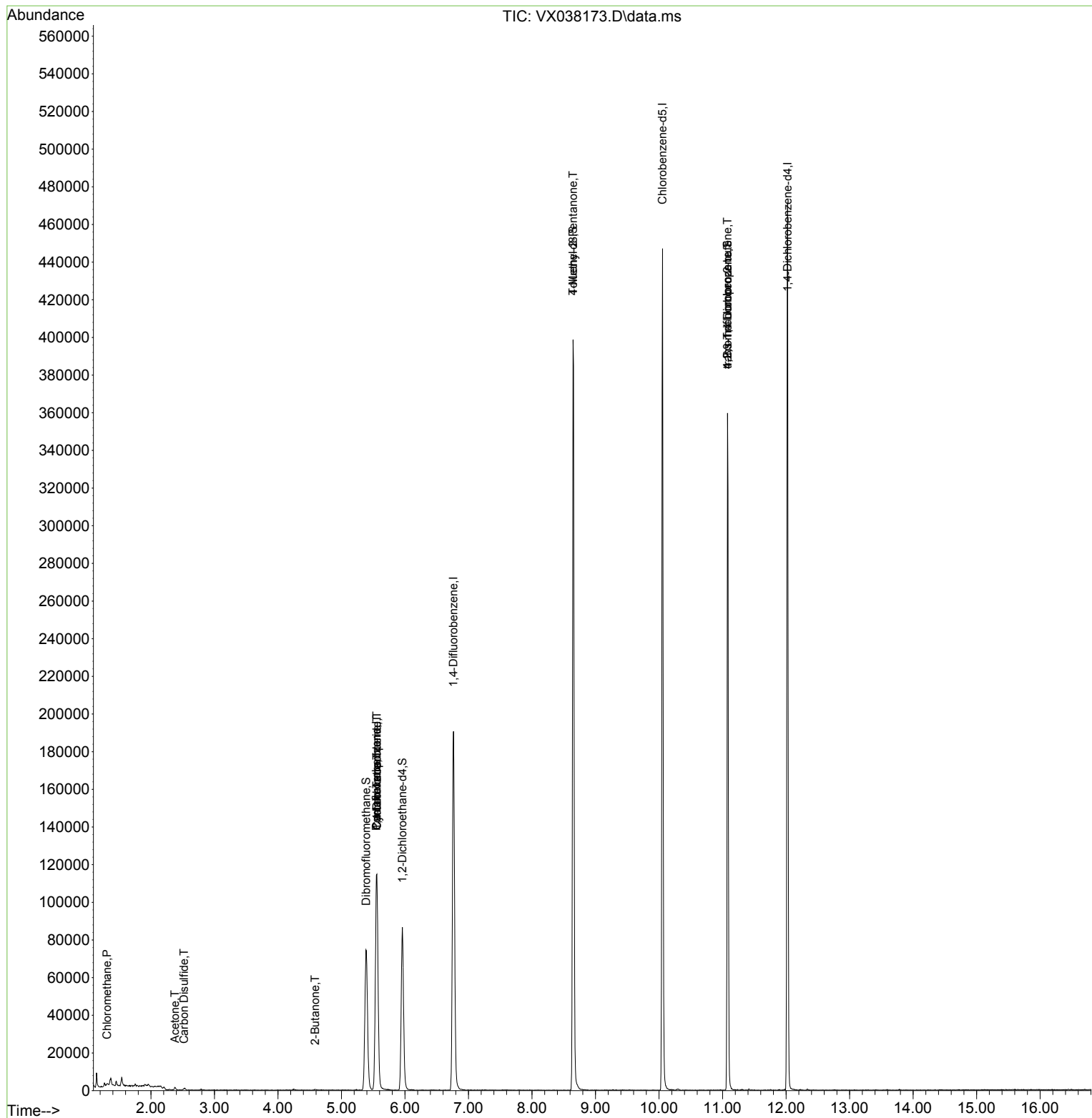
Internal Standards						
1) Pentafluorobenzene	5.550	168	110336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80375	45.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.580%
35) Dibromofluoromethane	5.385	113	64406	45.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.980%
50) Toluene-d8	8.647	98	243189	45.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.880%#
62) 4-Bromofluorobenzene	11.079	95	89627	44.175	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	332	0.306	ug/l #	43
5) Bromomethane	1.538	94	60	Below Cal	#	3
6) Chloroethane	1.660	64	120	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	20	Below Cal	#	78
16) Acetone	2.379	43	1376	1.858	ug/l	91
17) Carbon Disulfide	2.520	76	620	0.213	ug/l #	76
25) 2-Butanone	4.586	43	366	0.306	ug/l #	51
31) Cyclohexane	5.556	56	2679	1.393	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	9012	4.666	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11499	6.052	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	1160	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49194	22.353	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49194	64.038	ug/l #	5

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

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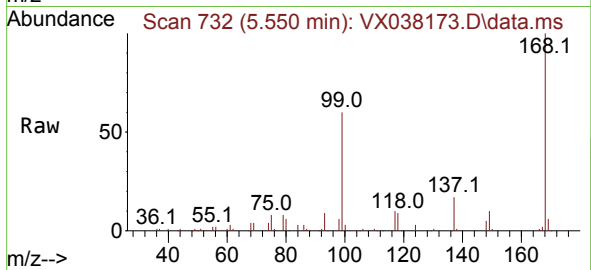
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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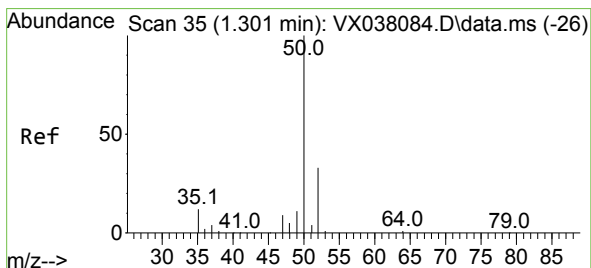
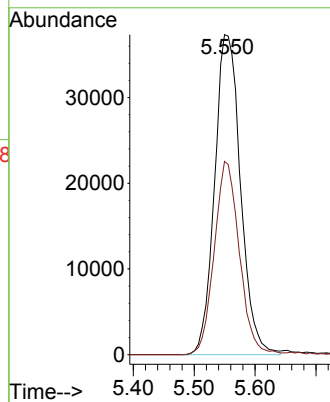
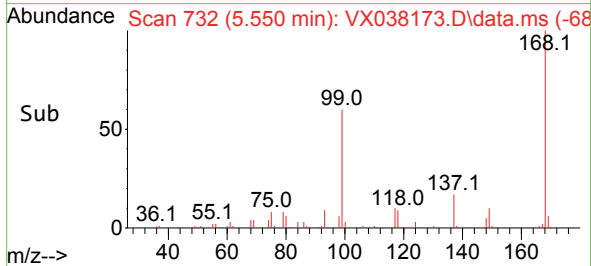


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

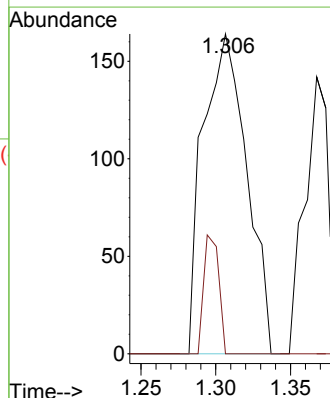
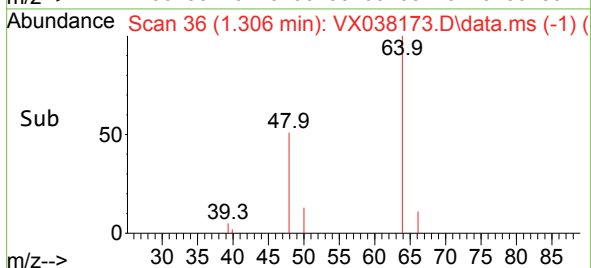
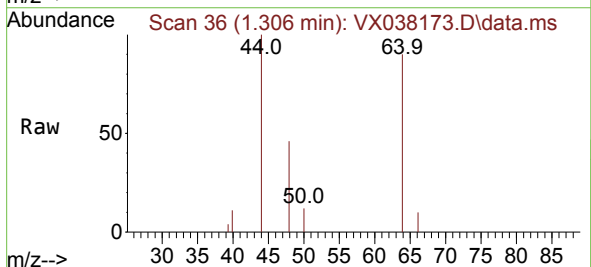


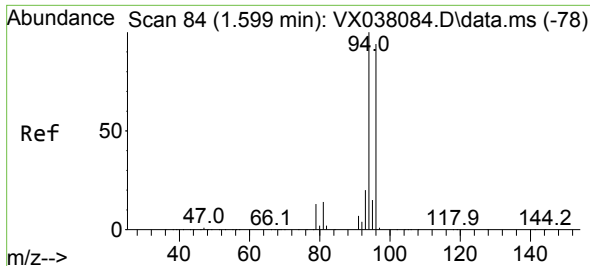
Tgt Ion:168 Resp: 110336
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.005 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

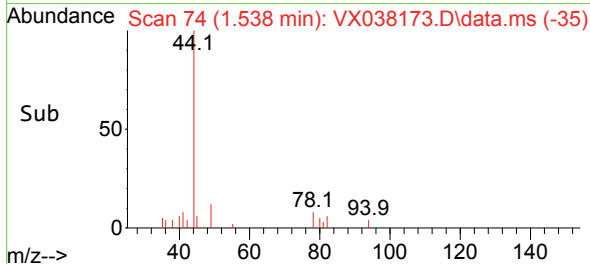
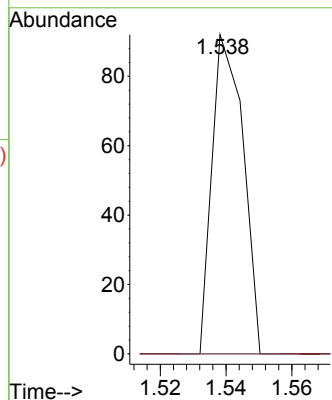
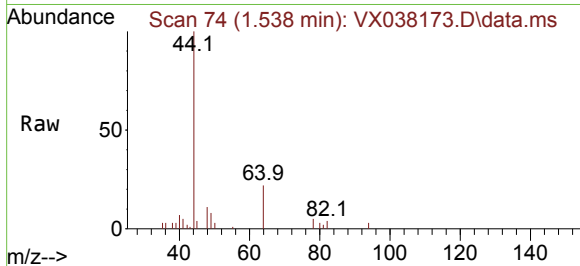




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

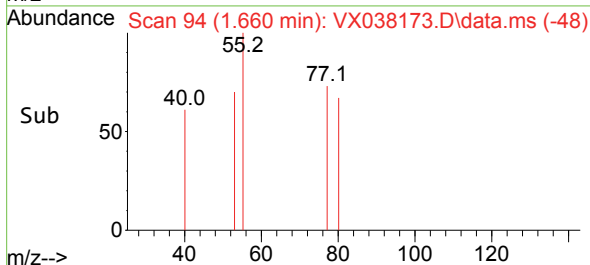
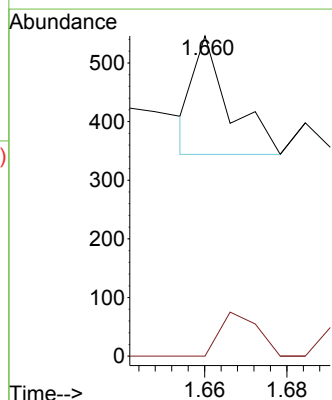
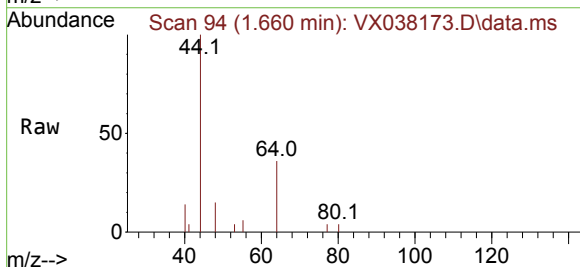
Instrument :
MSVOA_X
ClientSampleId :

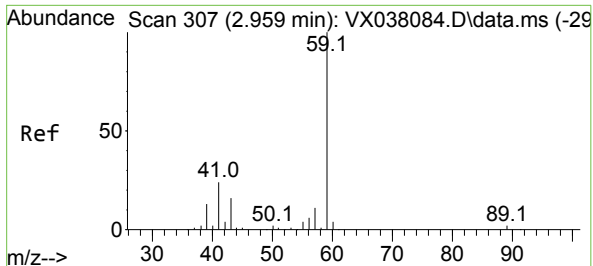
Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

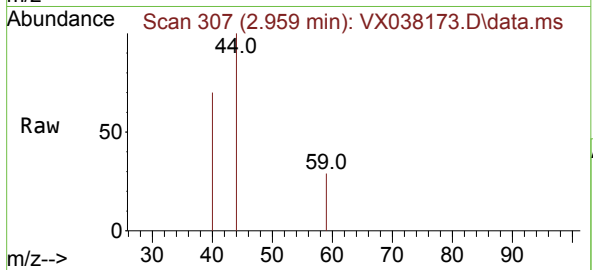
Lab File: VX038173.D

Acq: 09 Oct 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

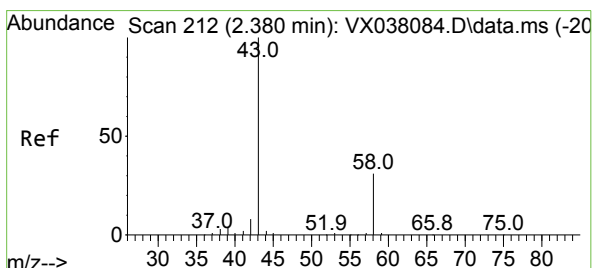
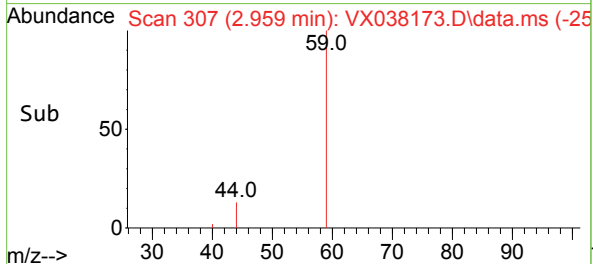
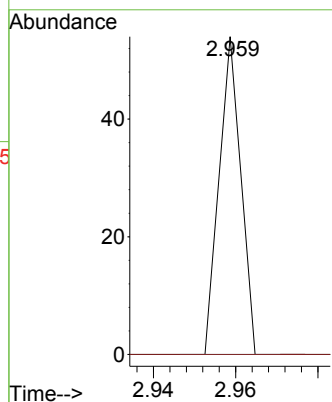


Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.858 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX038173.D

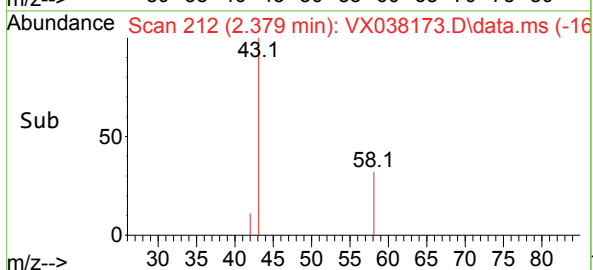
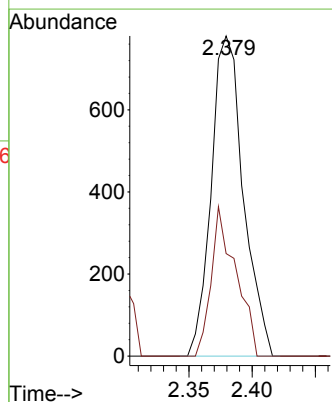
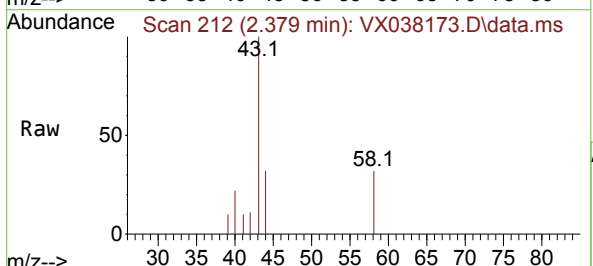
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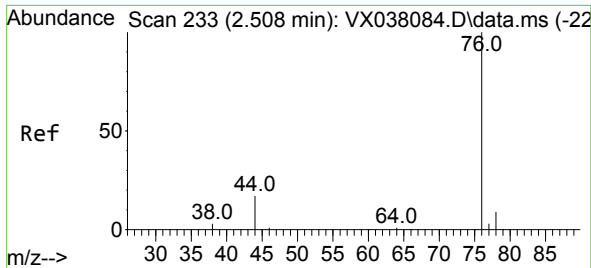
Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

43 100

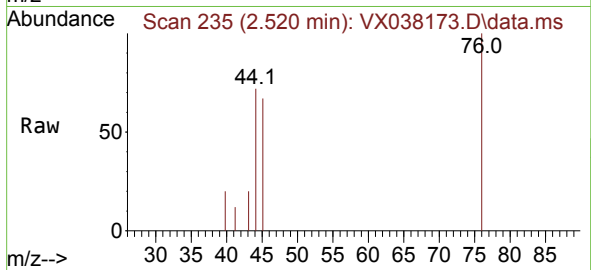
58 32.1 21.9 32.9



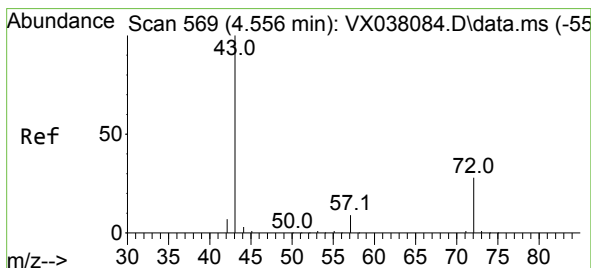
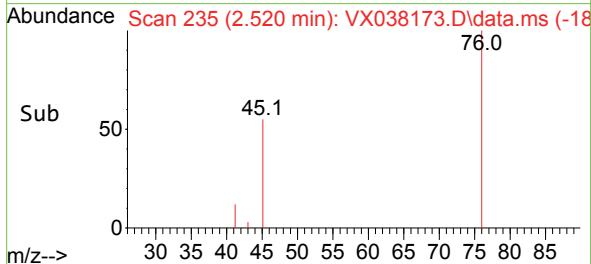
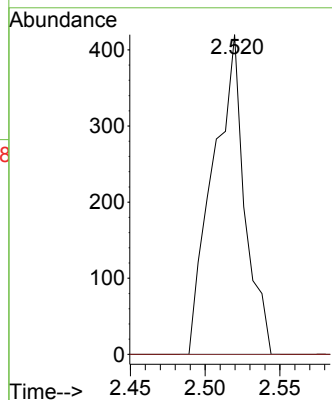


#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

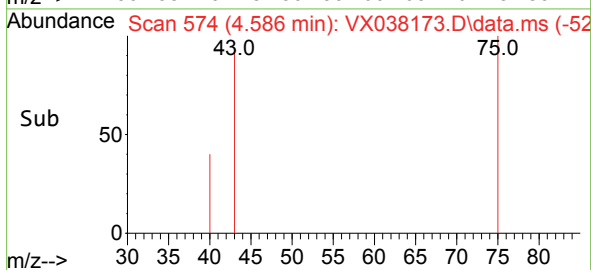
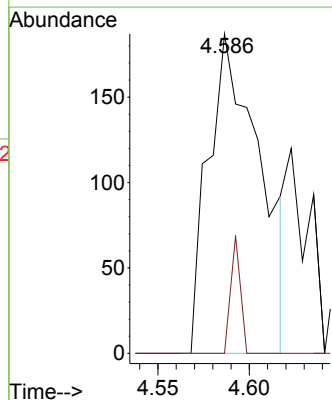
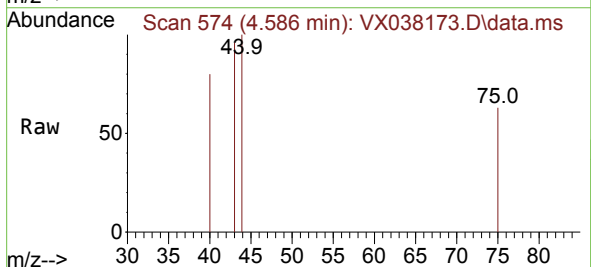


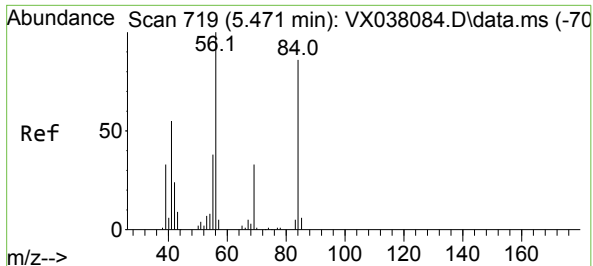
Tgt Ion: 76 Resp: 620
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

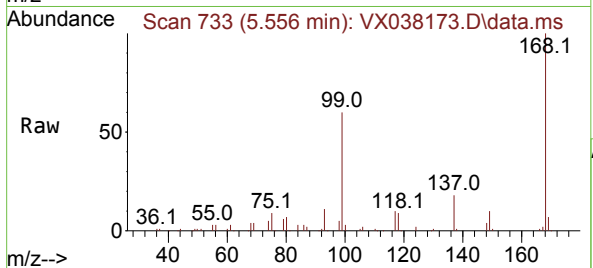
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



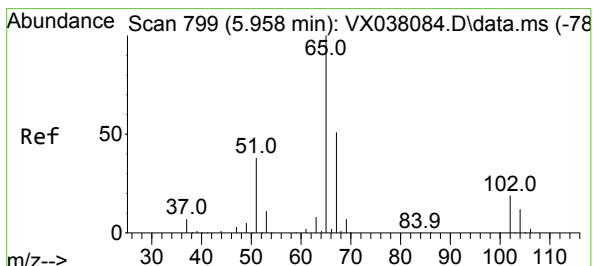
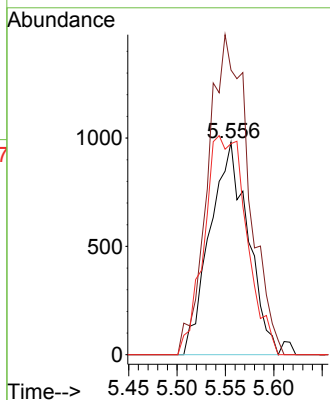
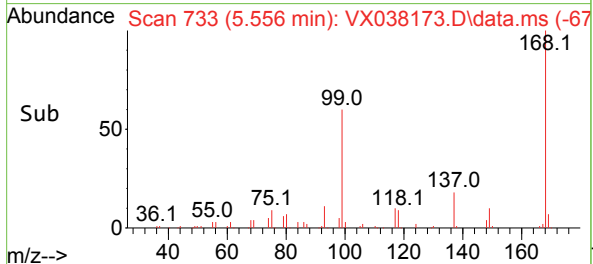


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

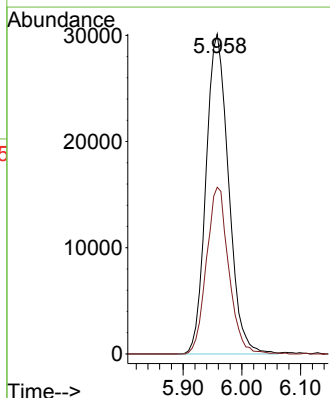
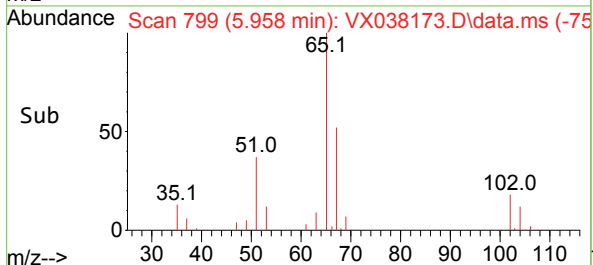
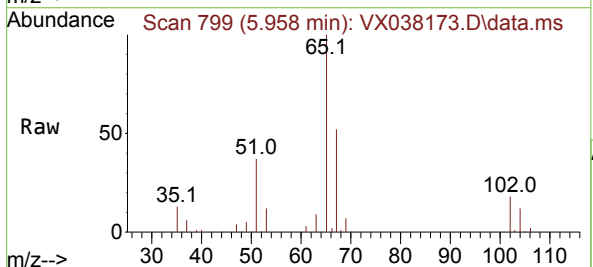


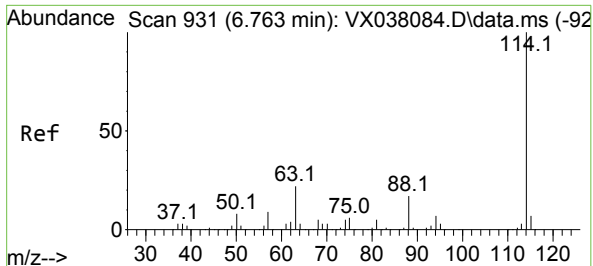
Tgt Ion: 56 Resp: 2679
Ion Ratio Lower Upper
56 100
69 134.1 23.4 35.2#
84 99.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.290 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Tgt Ion: 65 Resp: 80375
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

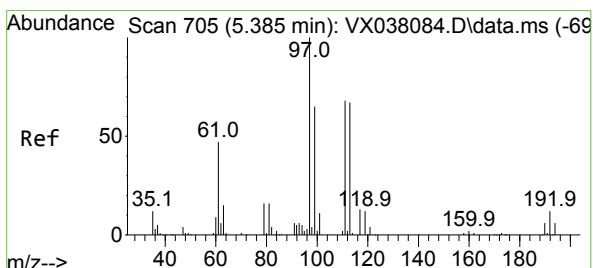
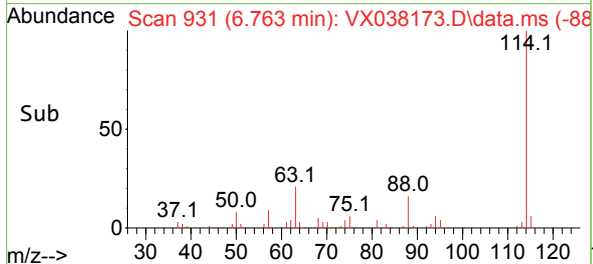
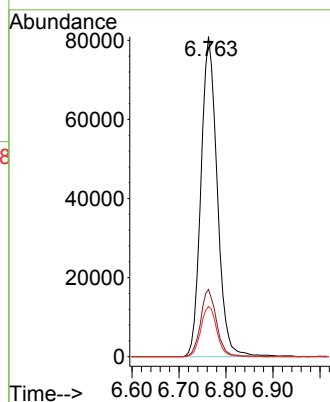
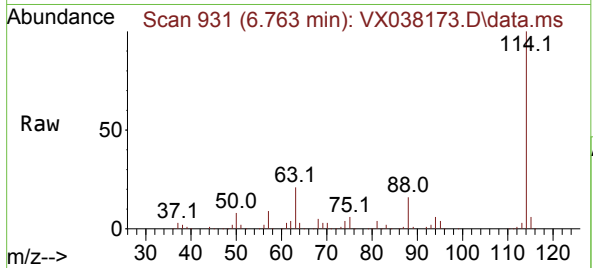




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

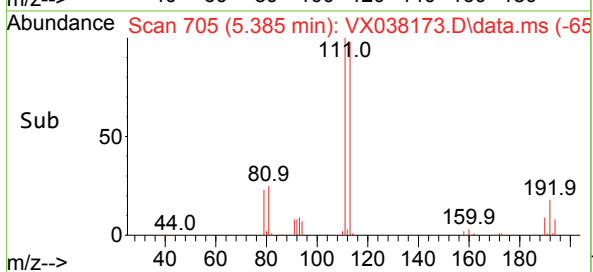
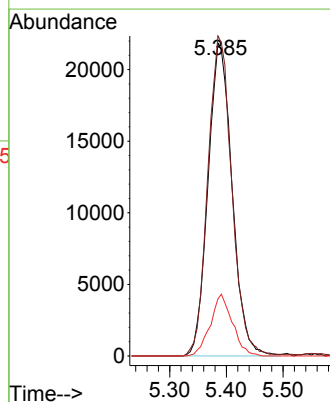
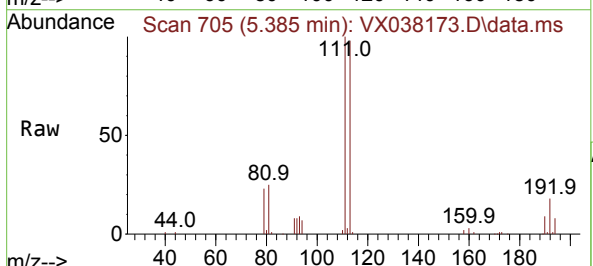
Instrument :
MSVOA_X
ClientSampleId :

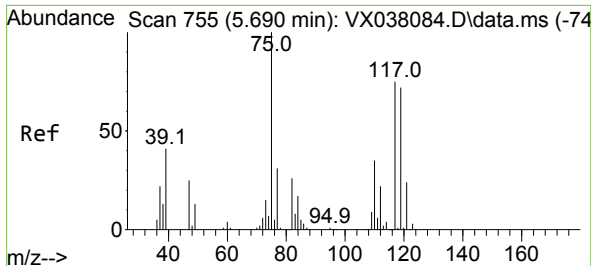
Tgt Ion:114 Resp: 194365
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

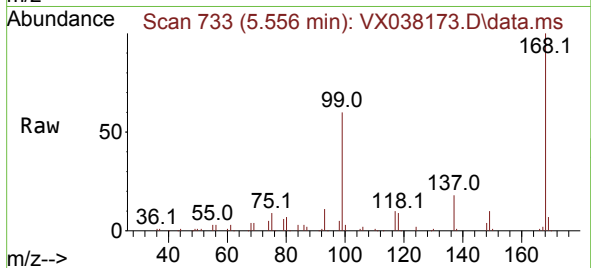
Tgt Ion:113 Resp: 64406
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9



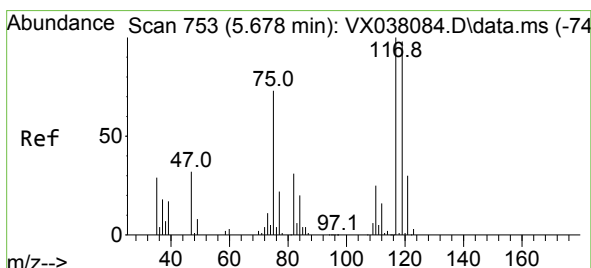
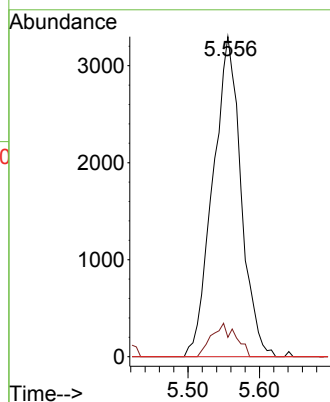
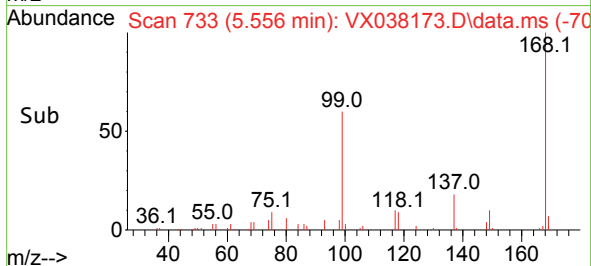


#36
1,1-Dichloropropene
Concen: 4.666 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :

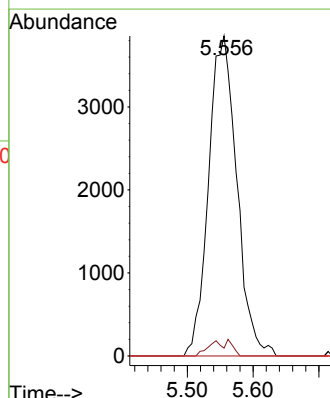
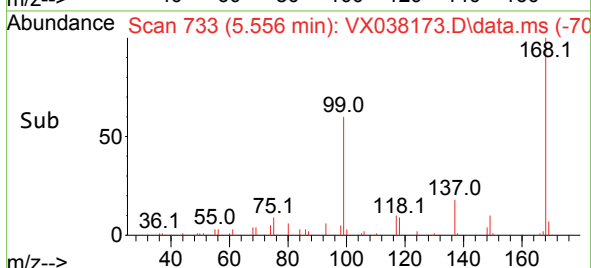
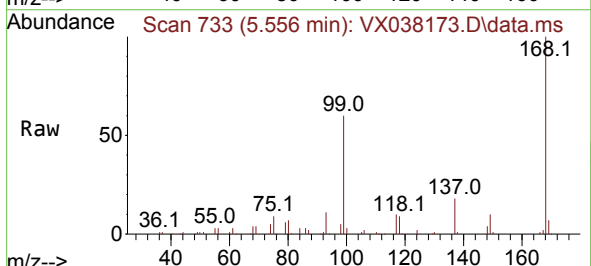


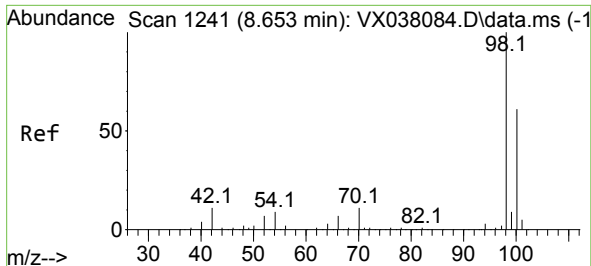
Tgt Ion: 75 Resp: 9012
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Tgt Ion: 117 Resp: 11499
Ion Ratio Lower Upper
117 100
119 2.4 78.2 117.2#
121 0.0 24.4 36.6#

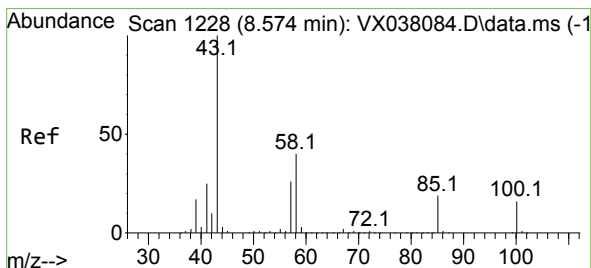
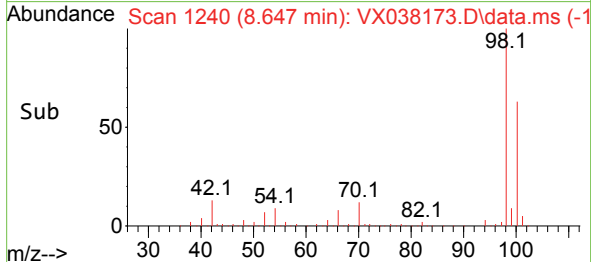
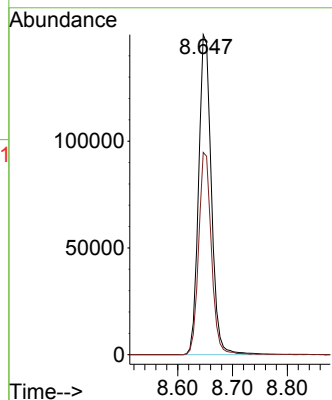
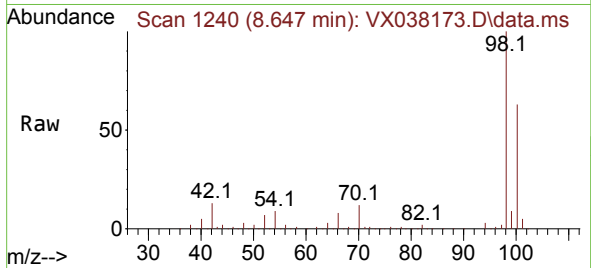




#50
Toluene-d8
Concen: 45.441 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

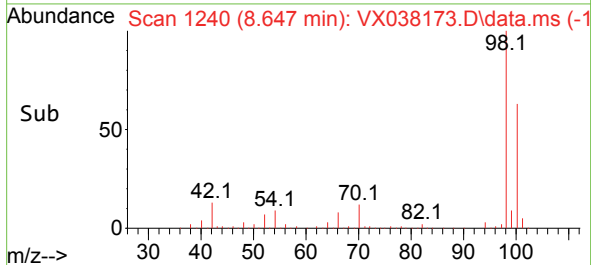
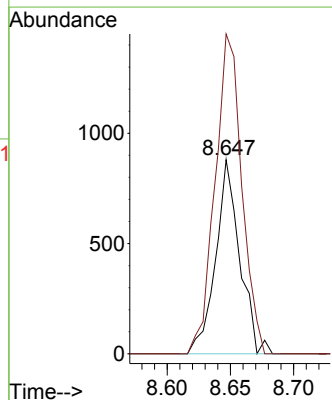
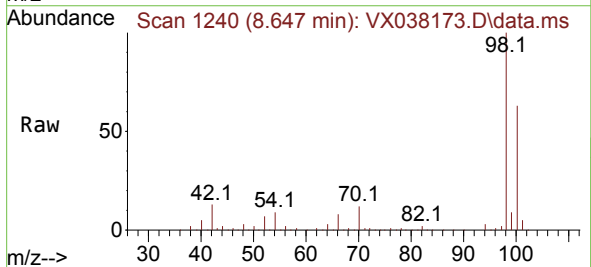
Instrument :
MSVOA_X
ClientSampleId :

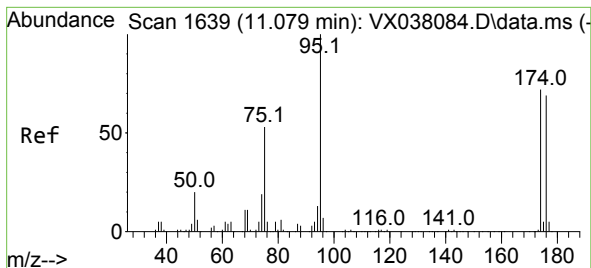
Tgt Ion: 98 Resp: 243189
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 184.0 30.4 45.6#

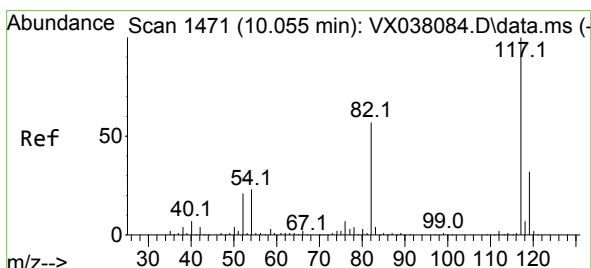
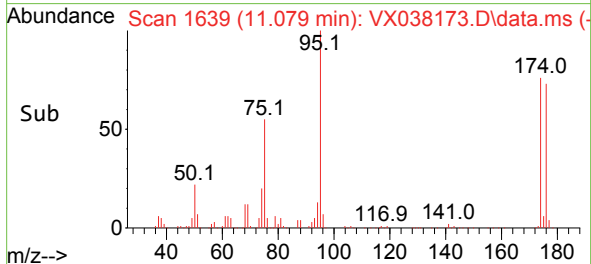
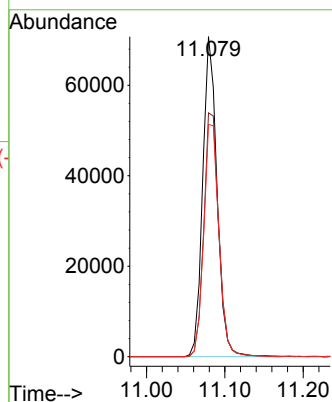
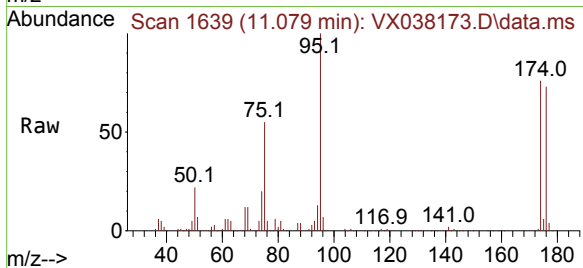




#62
4-Bromofluorobenzene
Concen: 44.175 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

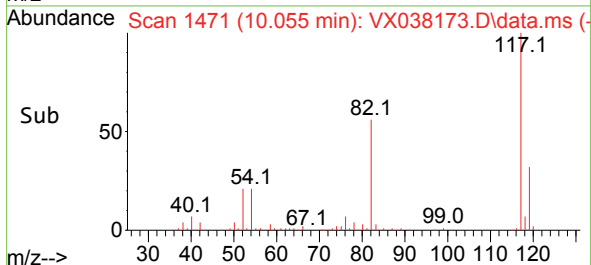
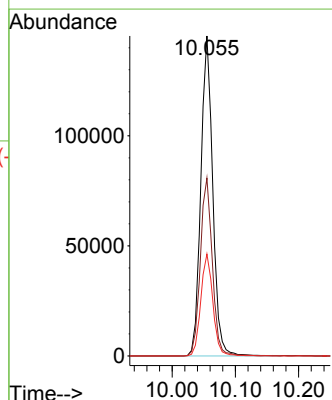
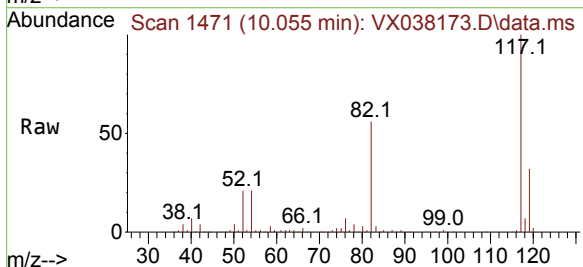
Instrument :
MSVOA_X
ClientSampleId :

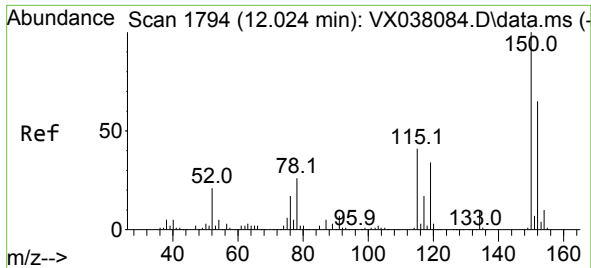
Tgt Ion: 95 Resp: 89627
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 77.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

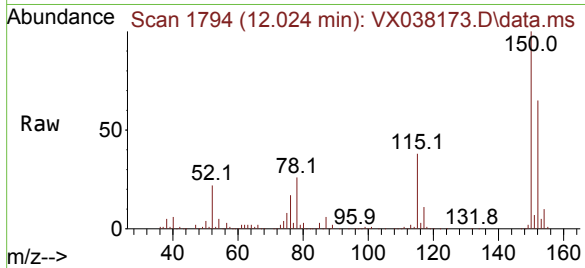
Tgt Ion: 117 Resp: 190716
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.9 25.5 38.3



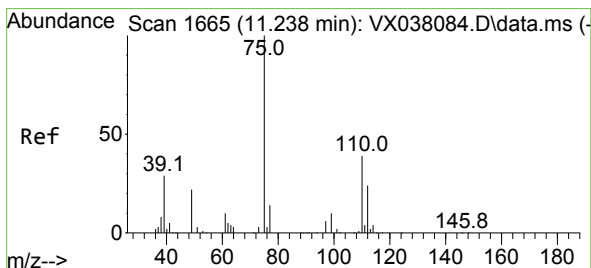
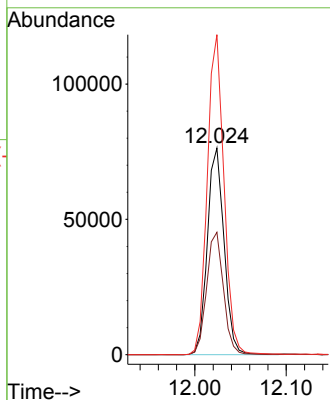
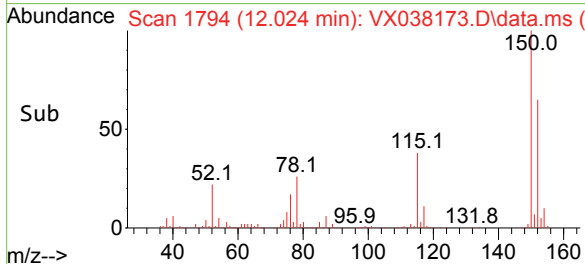


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038173.D
 Acq: 09 Oct 2023 15:47

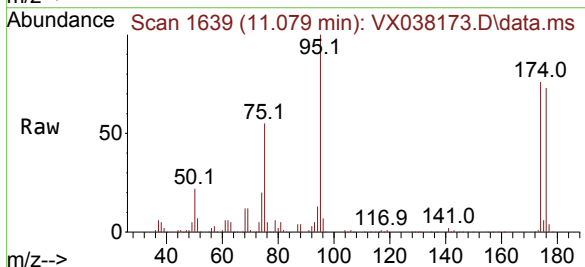
Instrument :
 MSVOA_X
 ClientSampleId :



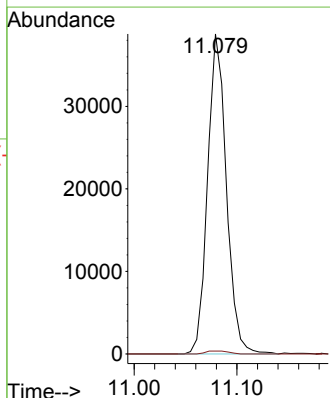
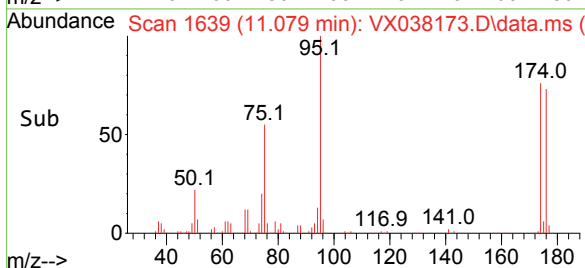
Tgt Ion:152 Resp: 96806
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 154.9 0.0 345.0

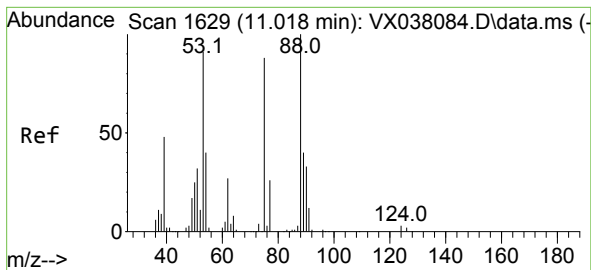


#76
 1,2,3-Trichloropropane
 Concen: 22.353 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038173.D
 Acq: 09 Oct 2023 15:47



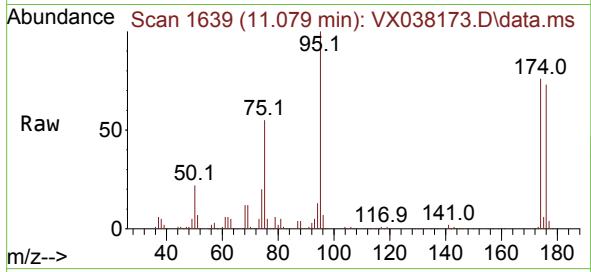
Tgt Ion: 75 Resp: 49194
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.038 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038173.D
Acq: 09 Oct 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 49194
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

