

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037386.D
 Acq On : 30 Aug 2023 14:04
 Operator : JC/MD
 Sample : 04147-01ME
 Misc : 4.85g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 02:23:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89602	41.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.240%
35) Dibromofluoromethane	5.385	113	70578	42.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.660%
50) Toluene-d8	8.647	98	286239	47.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.085	95	101925	43.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.780%

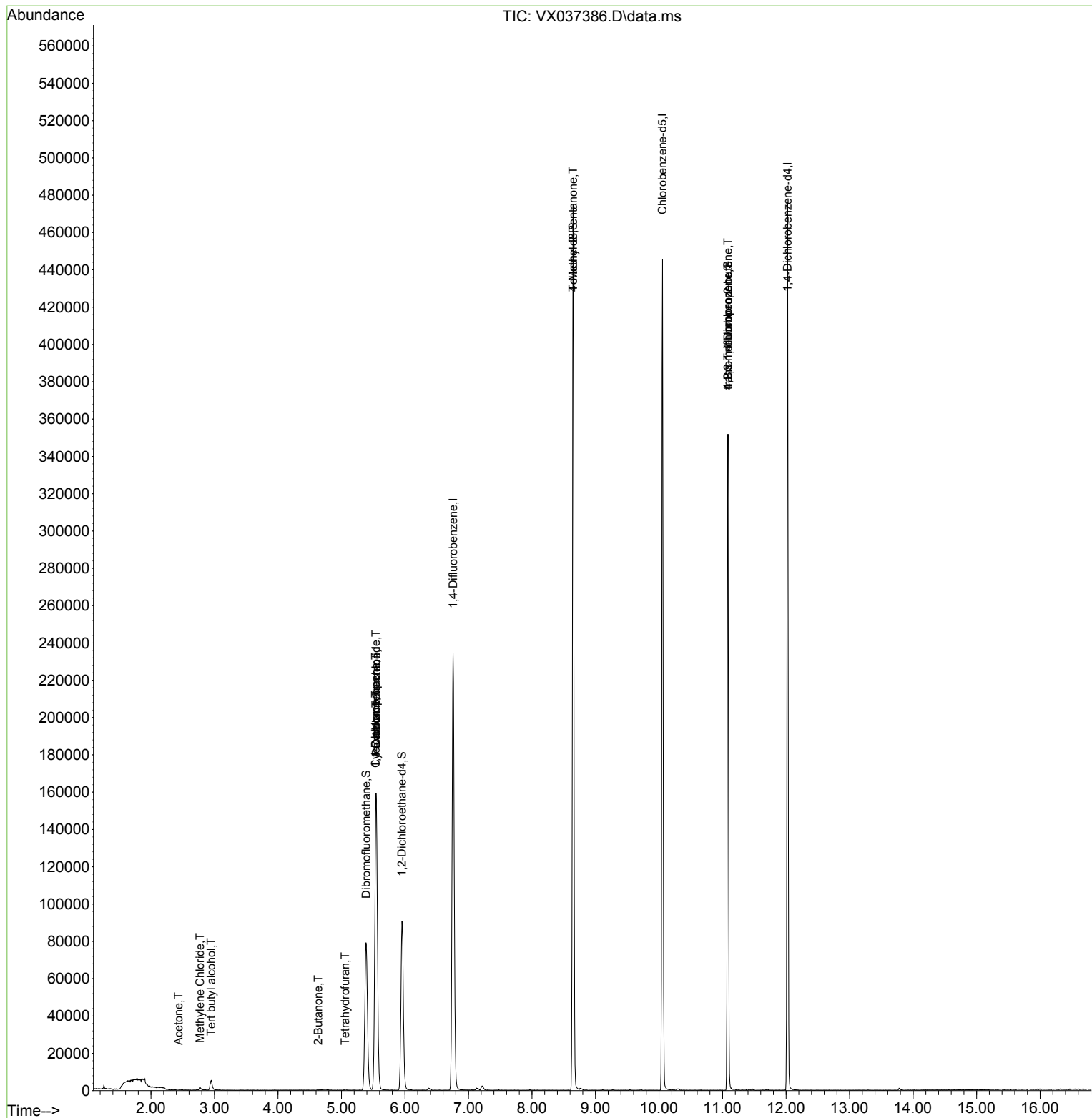
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	3447	6.743	ug/l #	78
16) Acetone	2.434	43	570	0.669	ug/l #	83
20) Methylene Chloride	2.770	84	963	0.505	ug/l	85
25) 2-Butanone	4.635	43	391	0.305	ug/l #	51
29) Tetrahydrofuran	5.056	42	417	0.509	ug/l #	84
31) Cyclohexane	5.537	56	2836	1.157	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	11691	4.993	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16036	6.305	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1060	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	50207	23.919	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50207	66.806	ug/l #	5

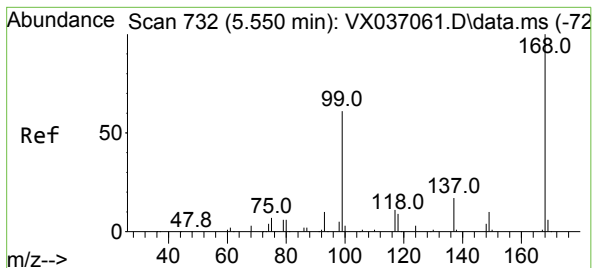
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

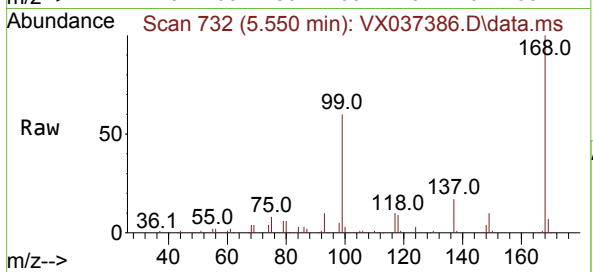
Lab File: VX037386.D

Acq: 30 Aug 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

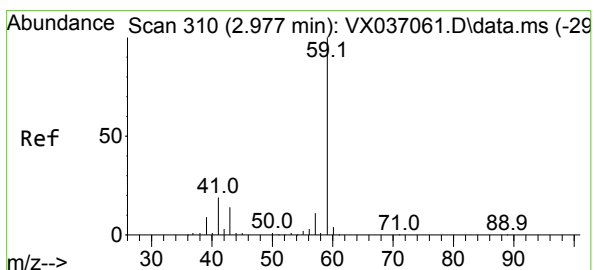
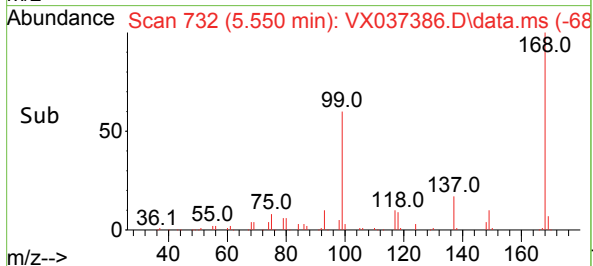
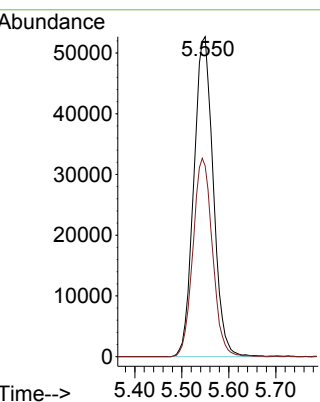


Tgt Ion:168 Resp: 151153

Ion Ratio Lower Upper

168 100

99 59.6 56.6 85.0



#11

Tert butyl alcohol

Concen: 6.743 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037386.D

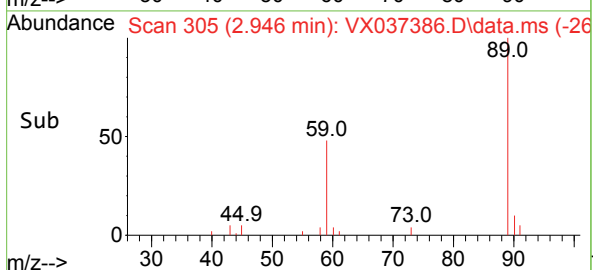
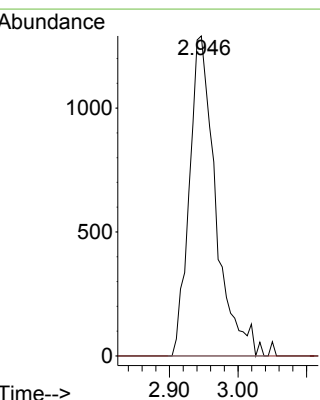
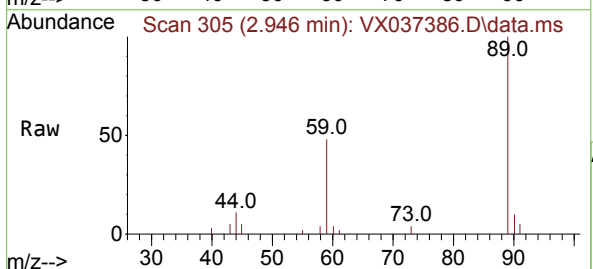
Acq: 30 Aug 2023 14:04

Tgt Ion: 59 Resp: 3447

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

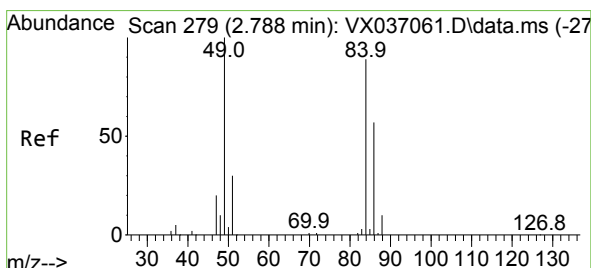
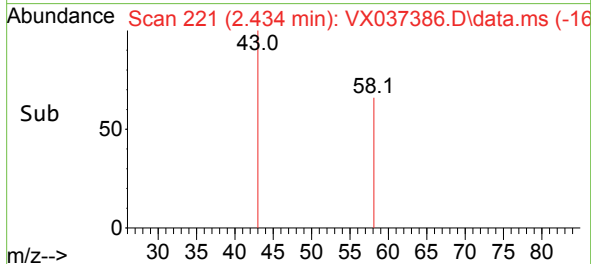
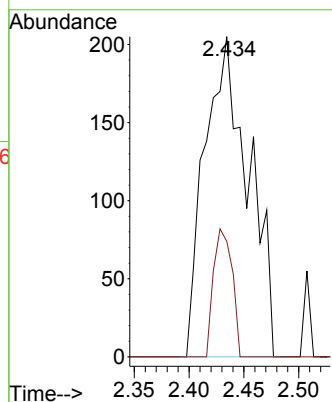
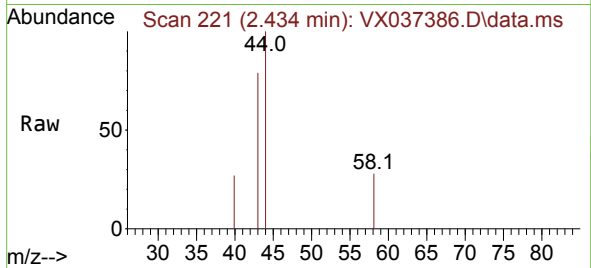




#16
Acetone
Concen: 0.669 ug/l
RT: 2.434 min Scan# 213
Delta R.T. 0.049 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

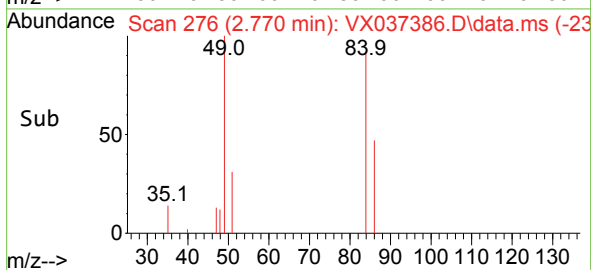
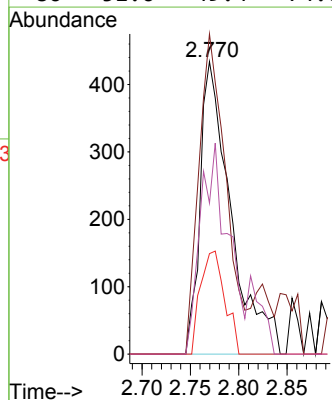
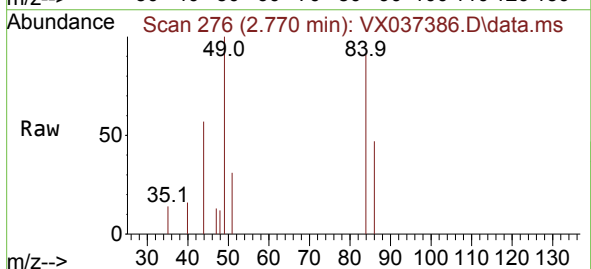
Instrument :
MSVOA_X
ClientSampleId :

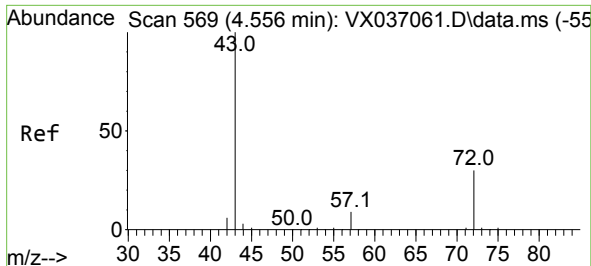
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 36.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.505 ug/l
RT: 2.770 min Scan# 276
Delta R.T. -0.018 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

Tgt Ion: 84 Resp: 963
Ion Ratio Lower Upper
84 100
49 109.4 103.6 155.4
51 34.3 33.8 50.6
86 51.6 49.4 74.0

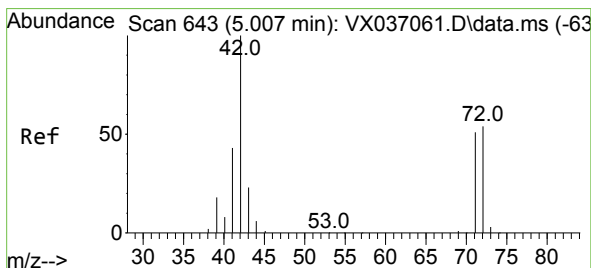
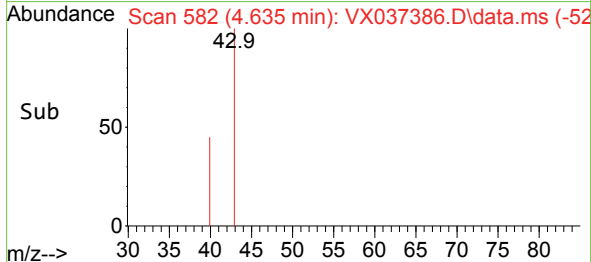
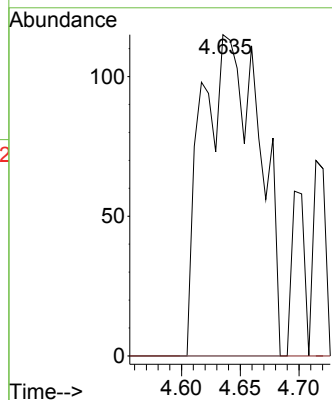
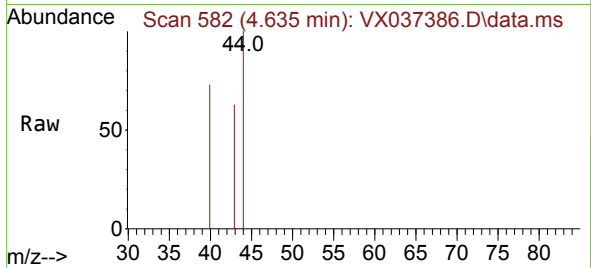




#25
2-Butanone
Concen: 0.305 ug/l
RT: 4.635 min Scan# 51
Delta R.T. 0.079 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

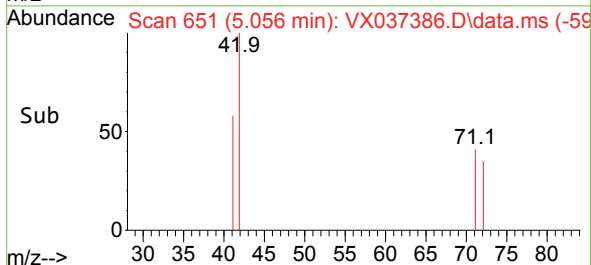
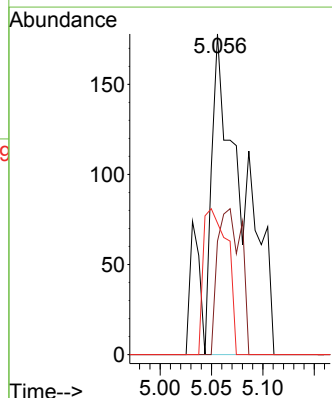
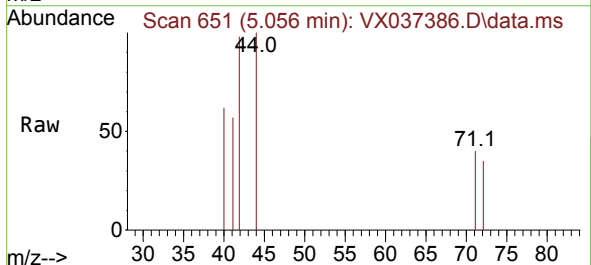
Instrument :
MSVOA_X
ClientSampleId :

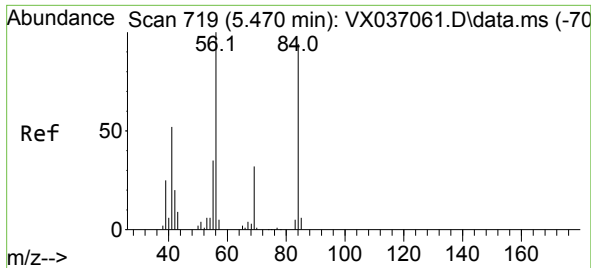
Tgt Ion: 43 Resp: 391
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.509 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.049 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

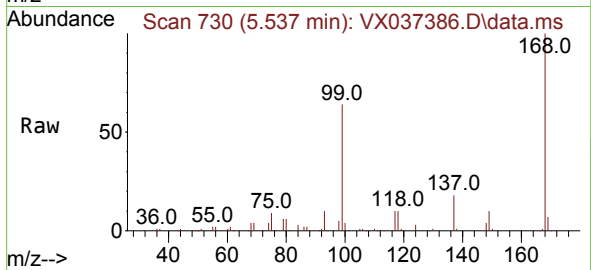
Tgt Ion: 42 Resp: 417
Ion Ratio Lower Upper
42 100
72 30.9 34.2 51.4#
71 31.4 32.2 48.2#



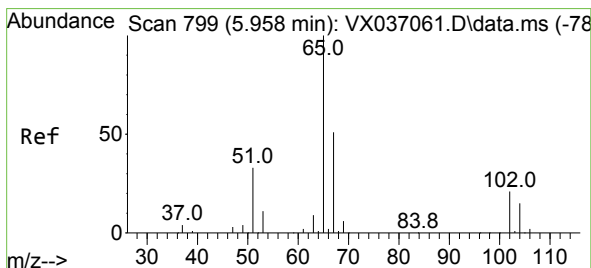
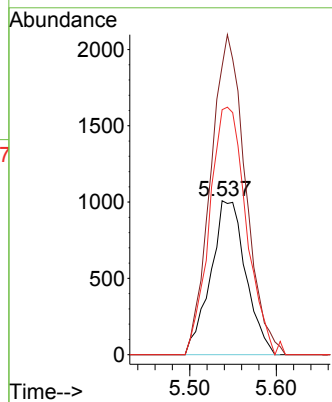
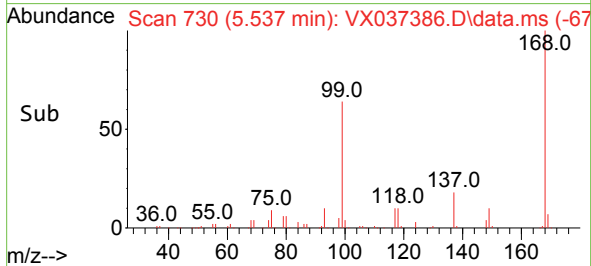


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

Instrument :
MSVOA_X
ClientSampleId :

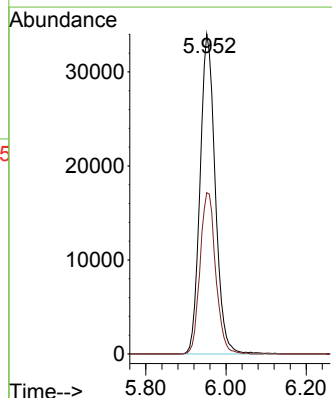
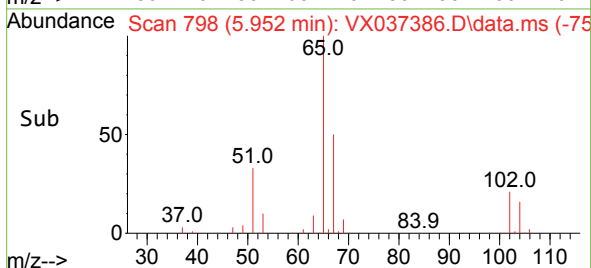
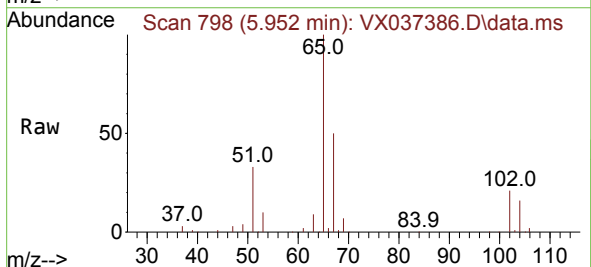


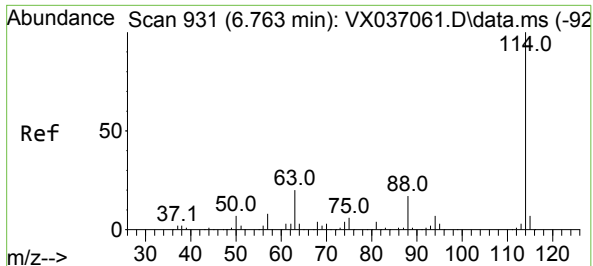
Tgt Ion: 56 Resp: 2836
Ion Ratio Lower Upper
56 100
69 187.3 23.4 35.2#
84 159.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.118 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

Tgt Ion: 65 Resp: 89602
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

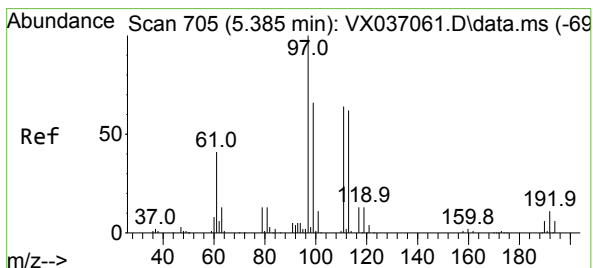
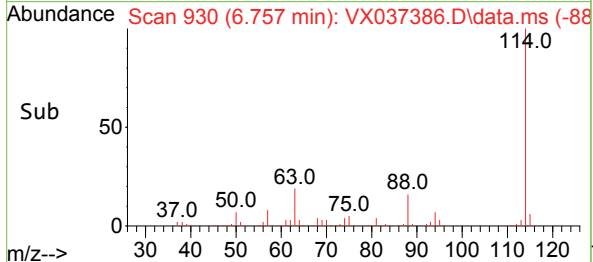
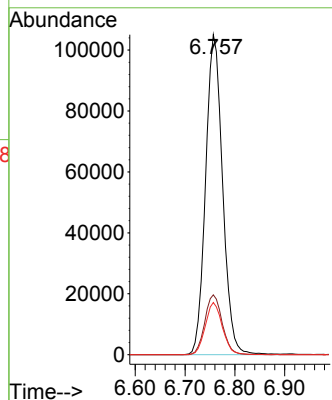
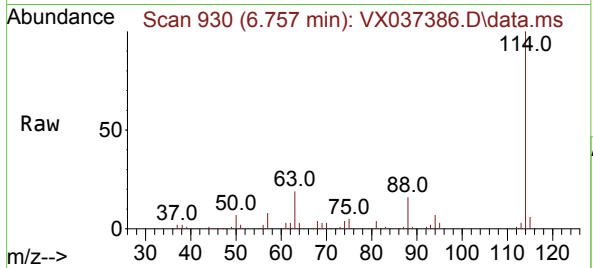




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

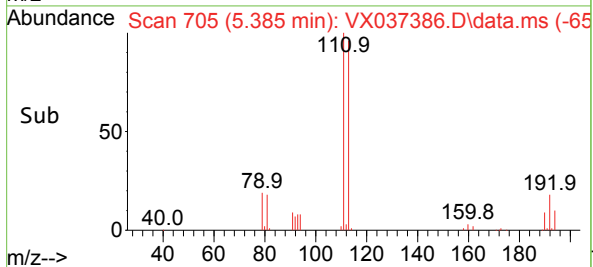
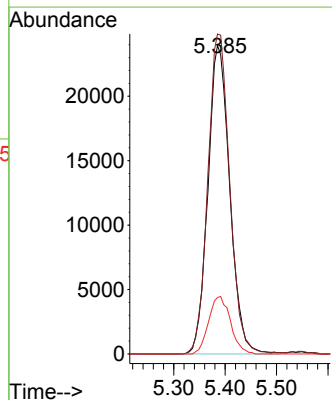
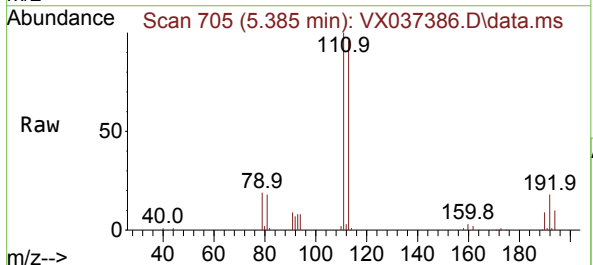
Instrument :
MSVOA_X
ClientSampleId :

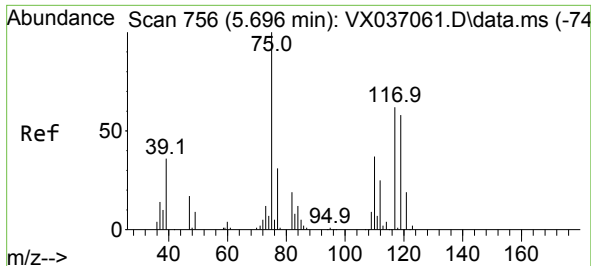
Tgt Ion:114 Resp: 248836
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

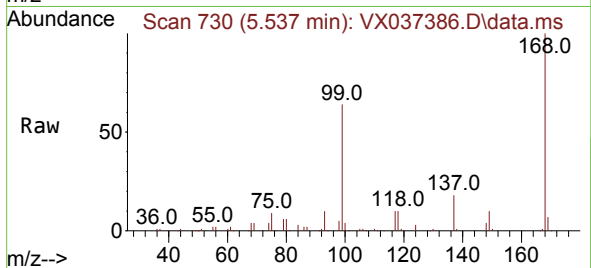
Tgt Ion:113 Resp: 70578
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.6 13.3 19.9



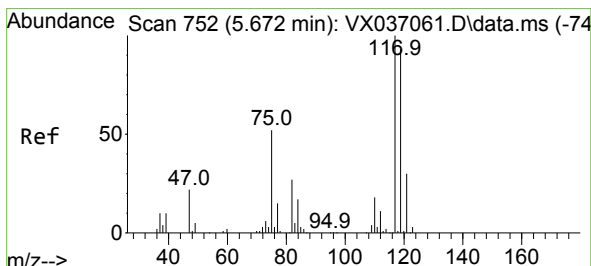
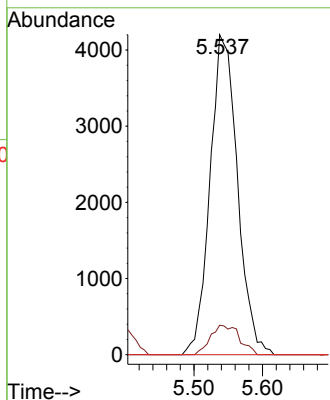
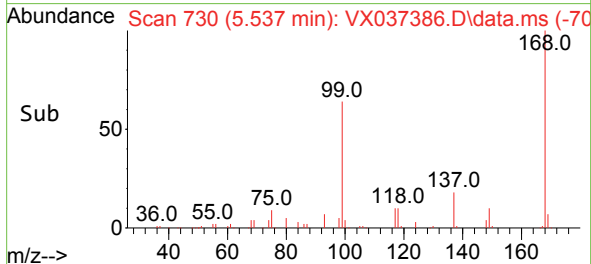


#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.159 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

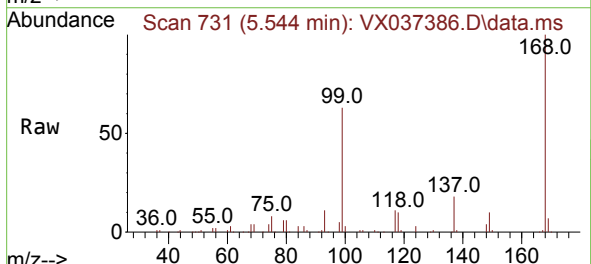
Instrument :
MSVOA_X
ClientSampleId :



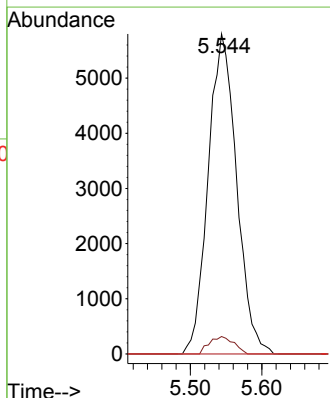
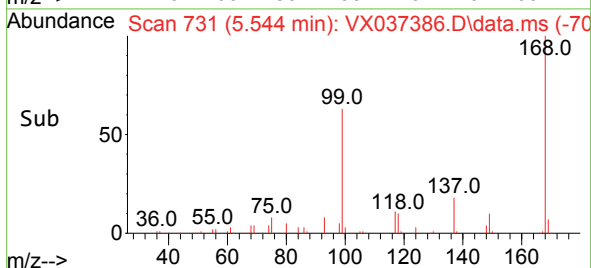
Tgt Ion: 75 Resp: 11691
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#

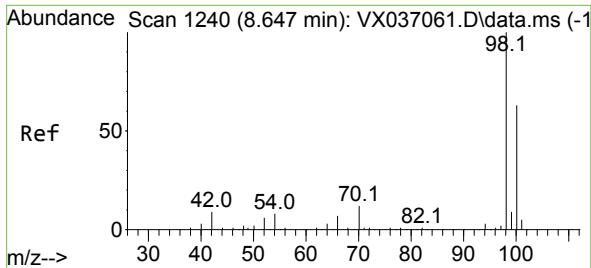


#38
Carbon Tetrachloride
Concen: 6.305 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04



Tgt Ion: 117 Resp: 16036
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

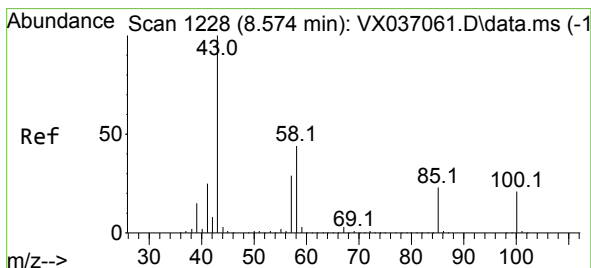
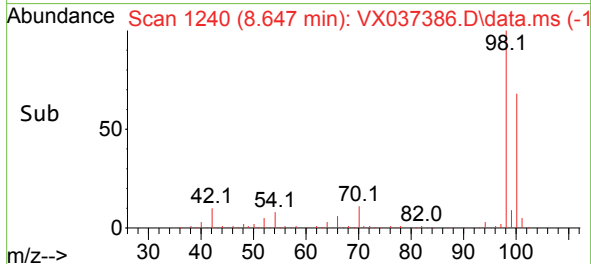
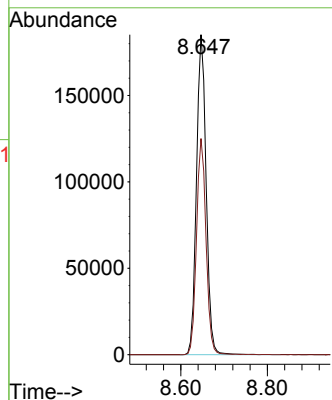
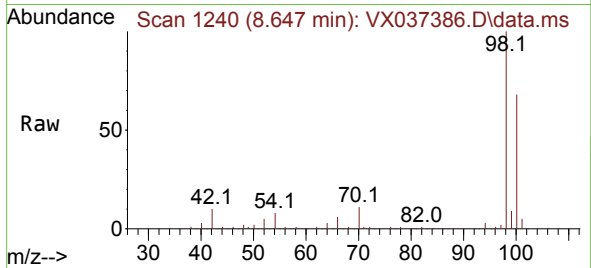




#50
Toluene-d8
Concen: 47.883 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

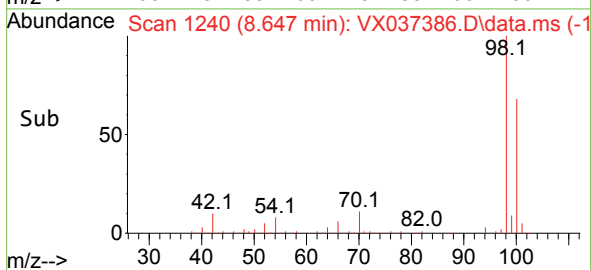
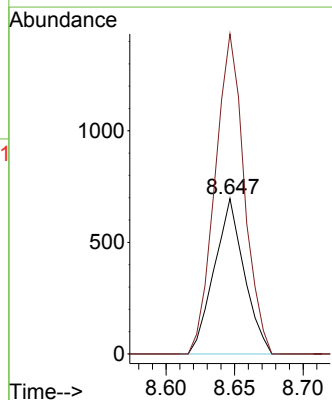
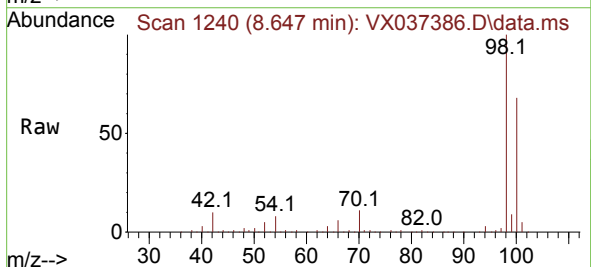
Instrument :
MSVOA_X
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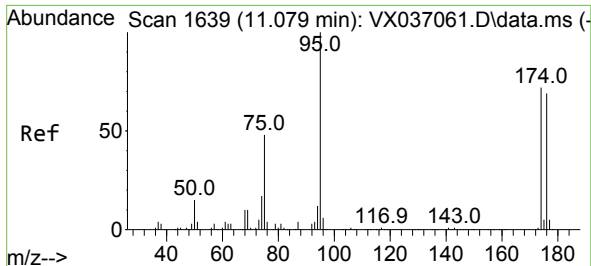
Tgt Ion: 98 Resp: 286239
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 200.7 30.4 45.6#

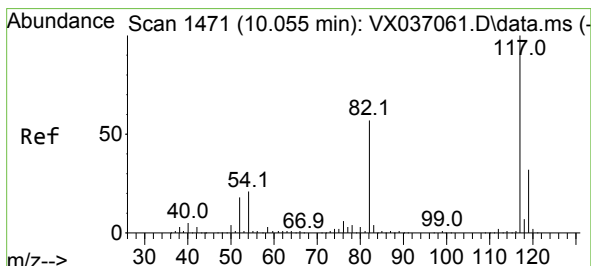
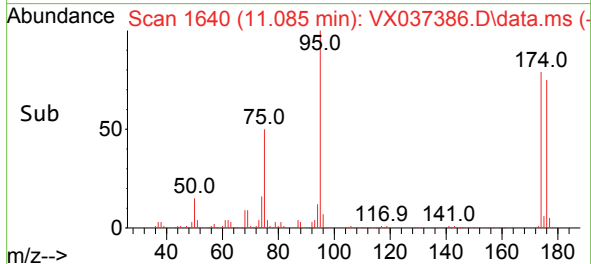
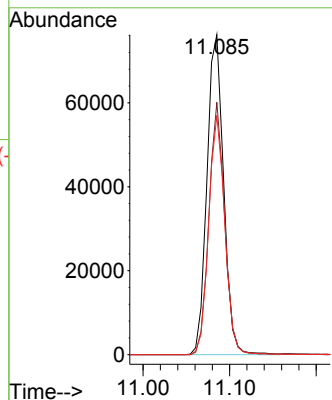
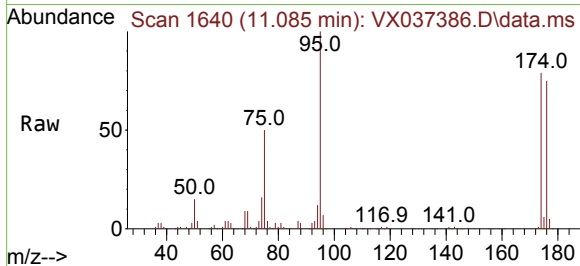




#62
4-Bromofluorobenzene
Concen: 43.387 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

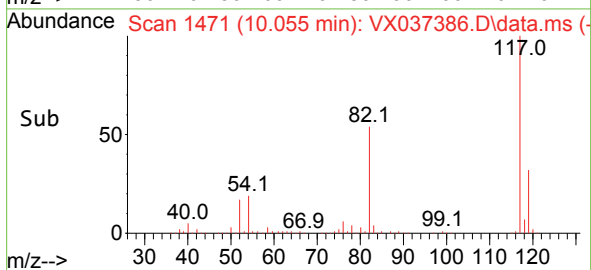
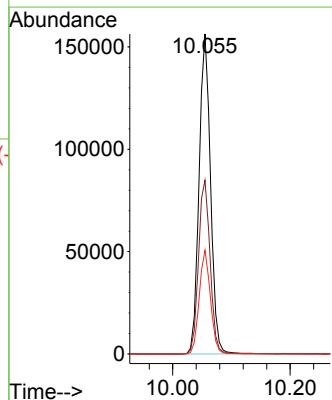
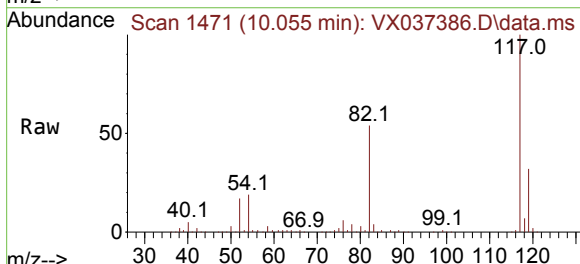
Instrument :
MSVOA_X
ClientSampleId :

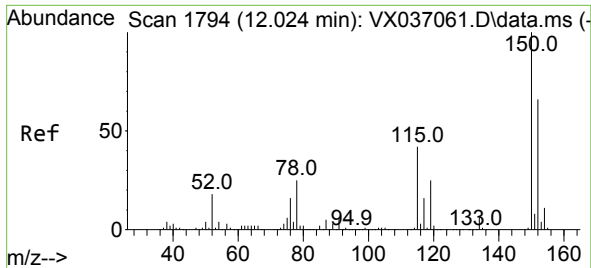
Tgt Ion: 95 Resp: 101925
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037386.D
Acq: 30 Aug 2023 14:04

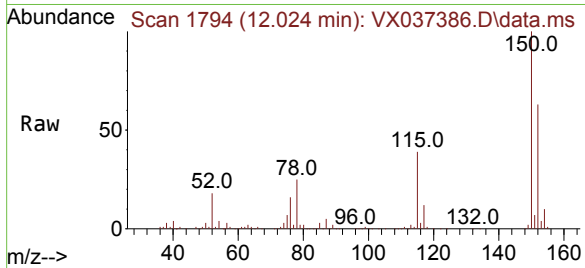
Tgt Ion: 117 Resp: 211533
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.4 25.5 38.3



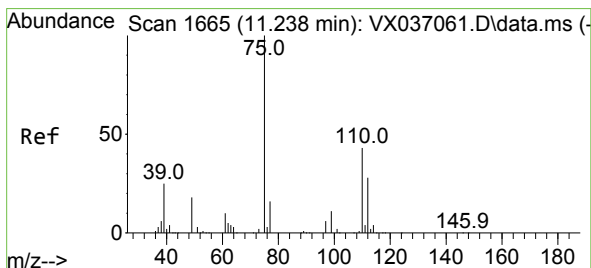
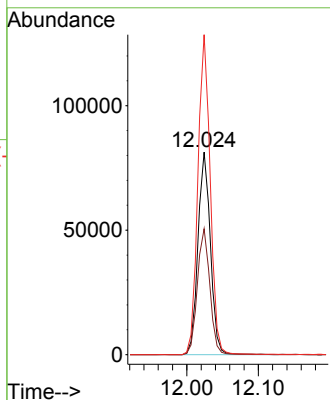
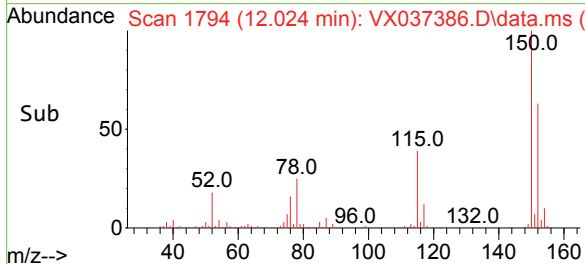


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037386.D
 Acq: 30 Aug 2023 14:04

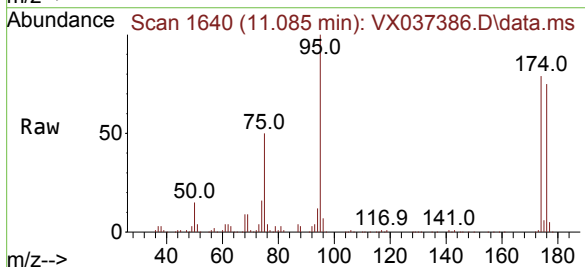
Instrument :
 MSVOA_X
 ClientSampleId :



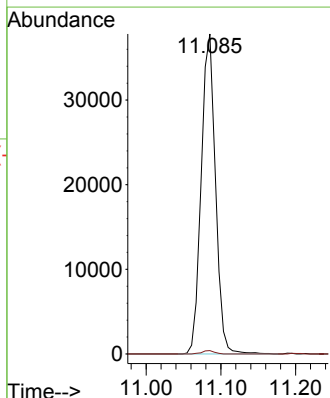
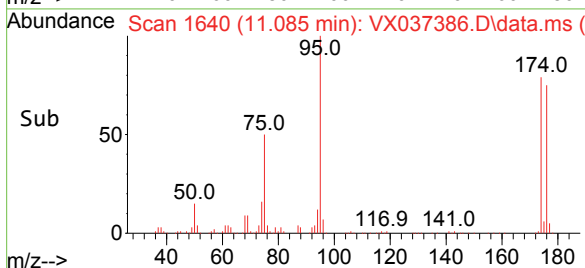
Tgt Ion:152 Resp: 98563
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 156.0 0.0 345.0

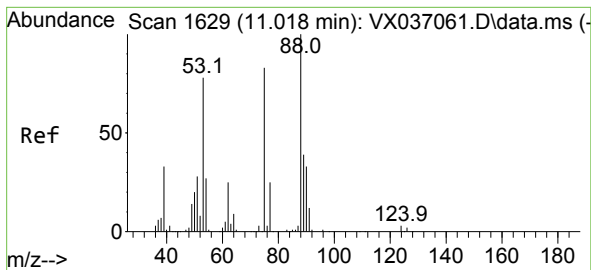


#76
 1,2,3-Trichloropropane
 Concen: 23.919 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.153 min
 Lab File: VX037386.D
 Acq: 30 Aug 2023 14:04



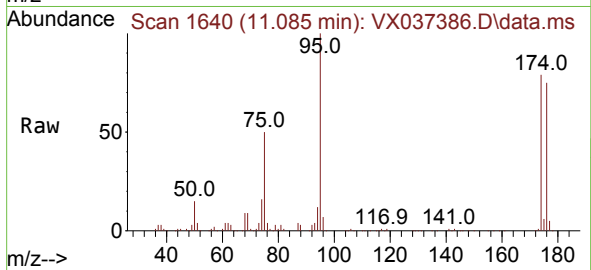
Tgt Ion: 75 Resp: 50207
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.806 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX037386.D
 Acq: 30 Aug 2023 14:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50207
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

