

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038656.D
 Acq On : 08 Nov 2023 15:17
 Operator : JC/MD
 Sample : 05222-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 01:20:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

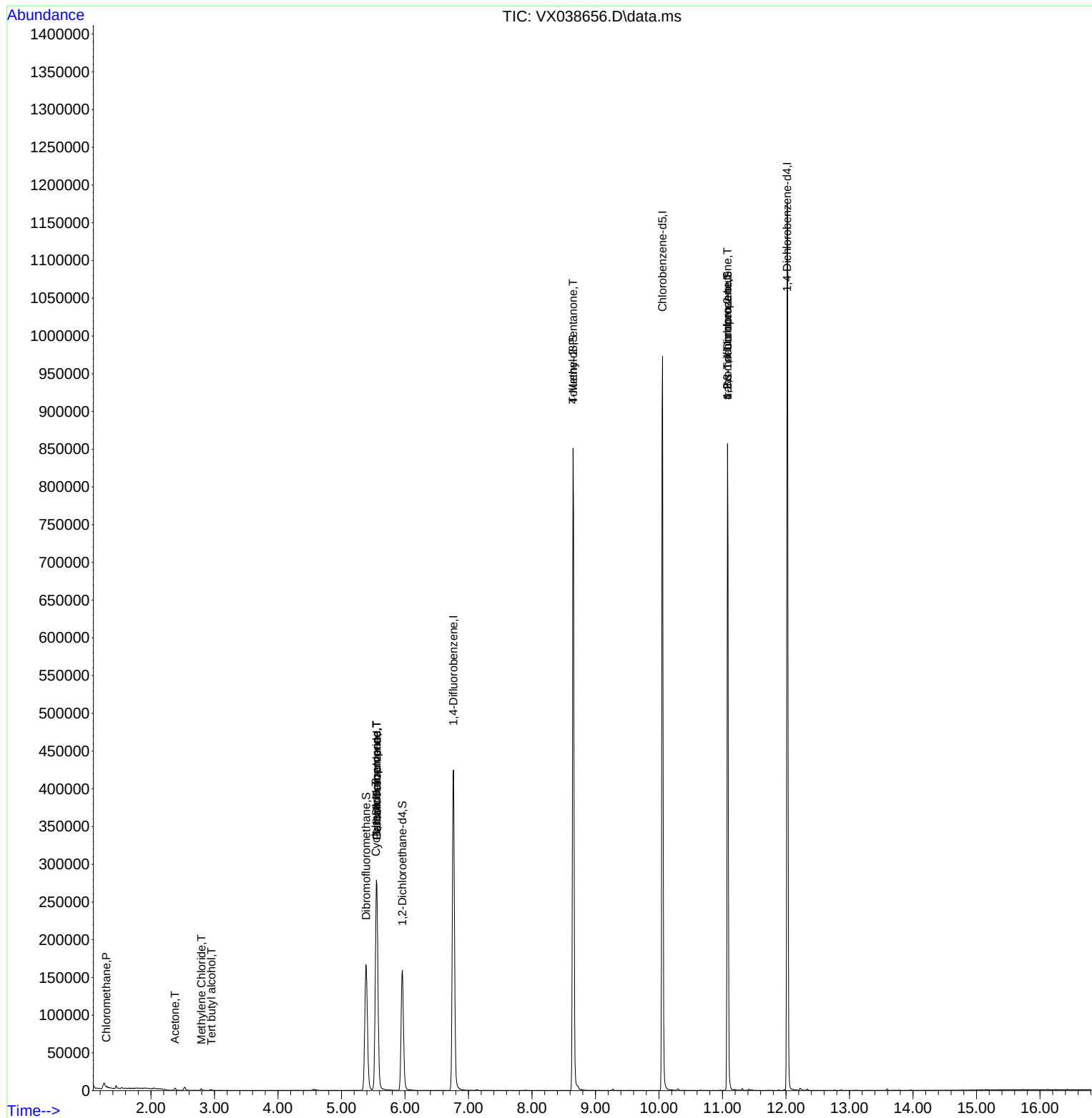
Internal Standards						
1) Pentafluorobenzene	5.556	168	286894	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	470884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	478502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	268293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159709	44.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.420%
35) Dibromofluoromethane	5.385	113	147887	43.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.220%
50) Toluene-d8	8.647	98	538254	44.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.700%#
62) 4-Bromofluorobenzene	11.079	95	225412	47.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	594	0.231	ug/l	90
11) Tert butyl alcohol	2.953	59	927	1.270	ug/l	# 85
16) Acetone	2.380	43	3022	2.009	ug/l	96
20) Methylene Chloride	2.794	84	1157	0.382	ug/l	# 77
31) Cyclohexane	5.544	56	5128	1.297	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	19212	4.560	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	27187	5.773	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1888	0.438	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	110478	20.792	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	110478	63.272	ug/l	# 5

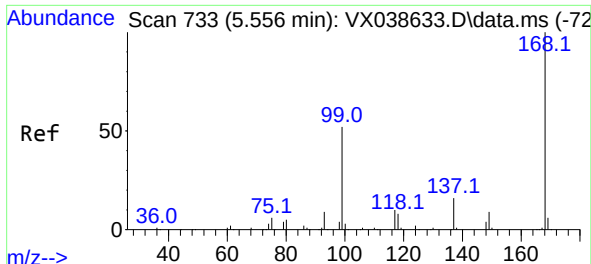
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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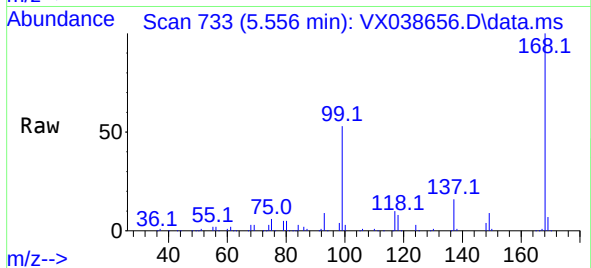
Quant Time: Nov 09 01:20:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
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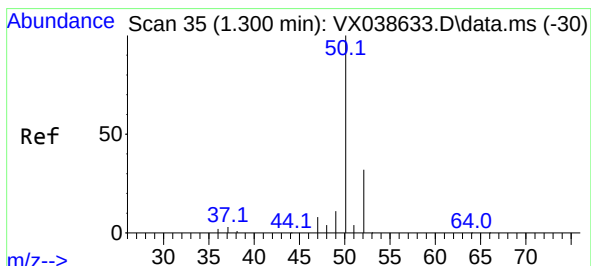
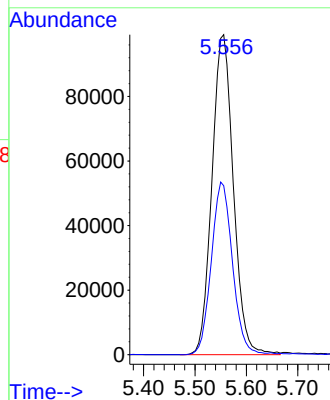


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

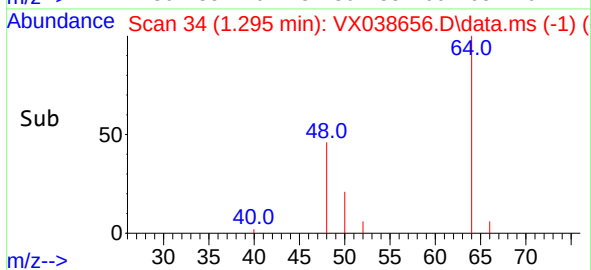
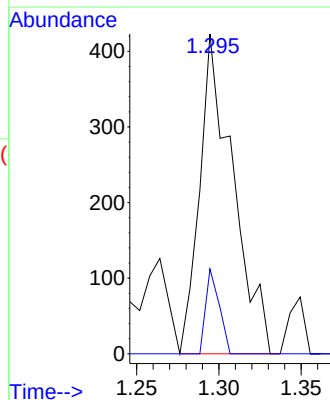
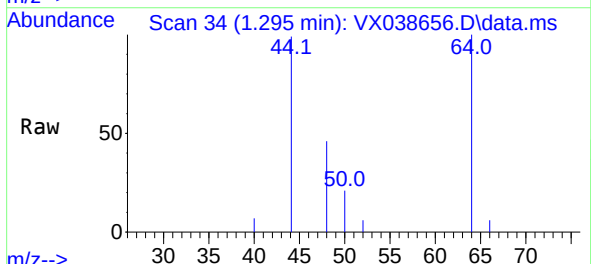


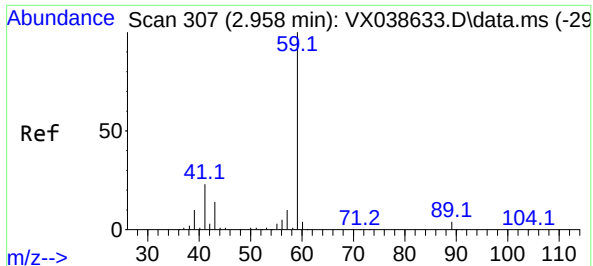
Tgt Ion:168 Resp: 286894
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Tgt Ion: 50 Resp: 594
Ion Ratio Lower Upper
50 100
52 26.5 25.5 38.3





#11

Tert butyl alcohol

Concen: 1.270 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038656.D

Acq: 08 Nov 2023 15:17

Instrument :

MSVOA_X

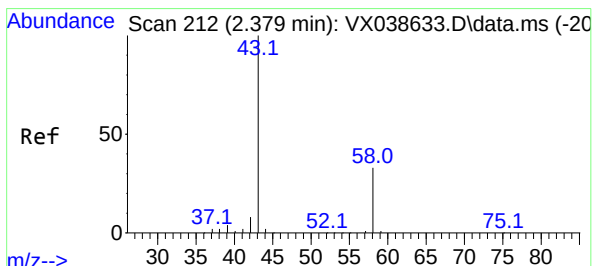
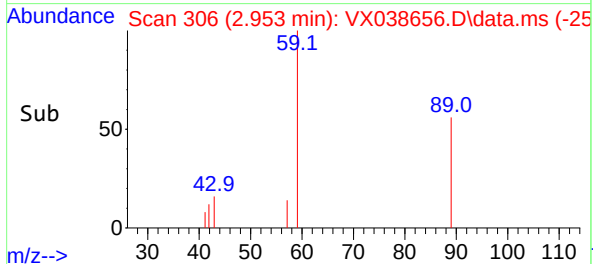
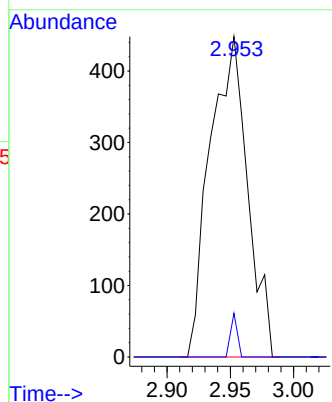
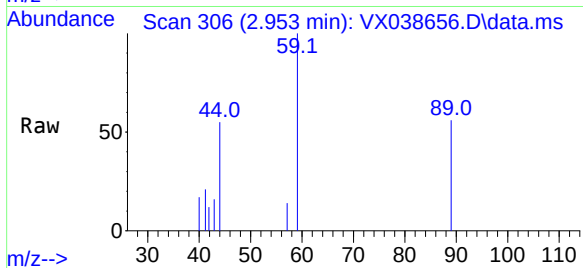
ClientSampleId :

Tgt Ion: 59 Resp: 927

Ion Ratio Lower Upper

59 100

57 2.4 6.0 9.0#



#16

Acetone

Concen: 2.009 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038656.D

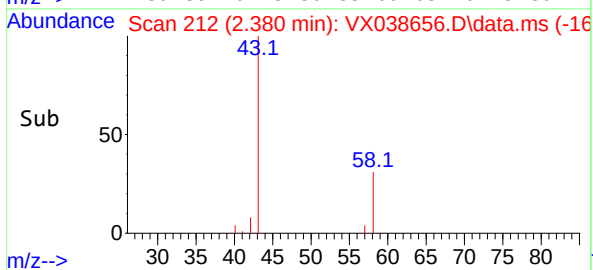
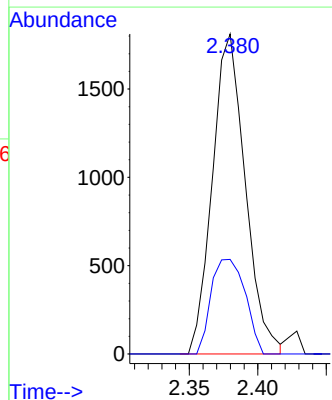
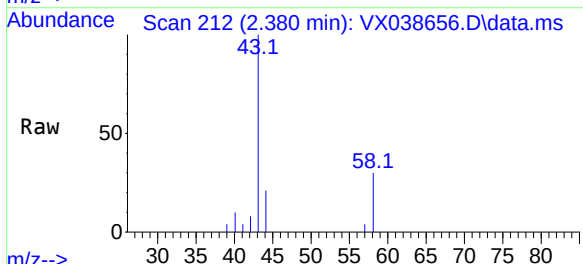
Acq: 08 Nov 2023 15:17

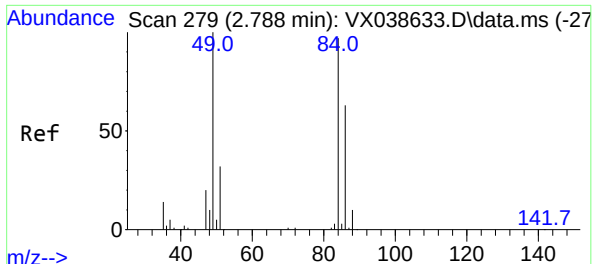
Tgt Ion: 43 Resp: 3022

Ion Ratio Lower Upper

43 100

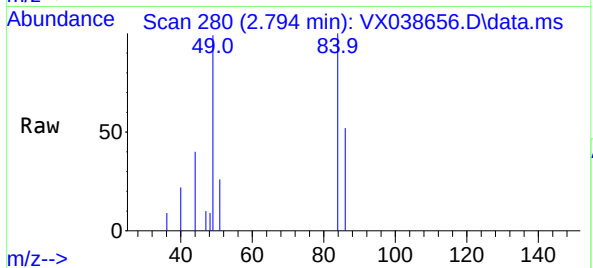
58 29.6 21.9 32.9



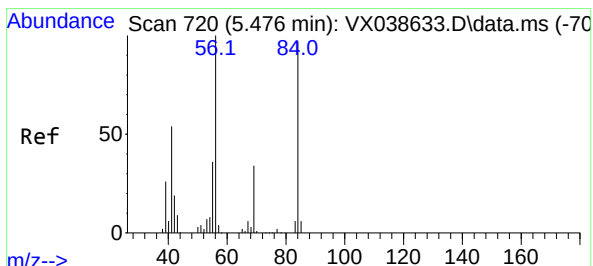
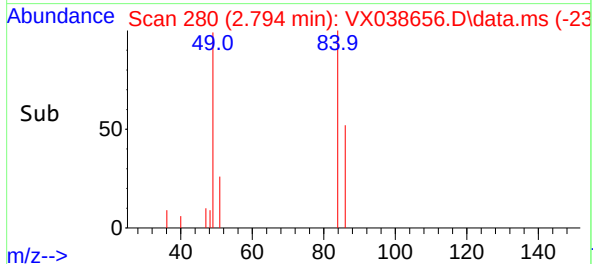
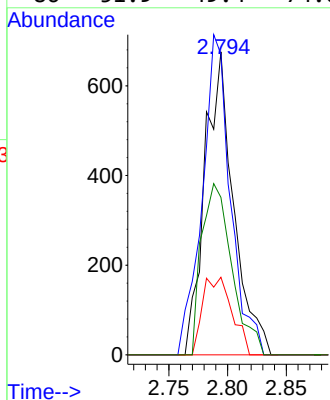


#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 2.794 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

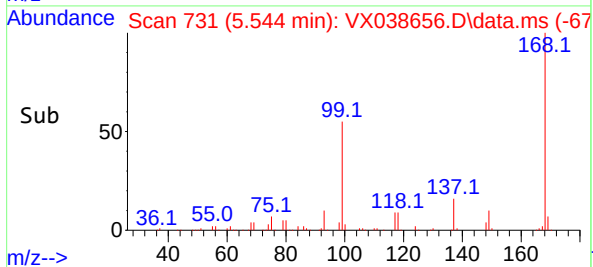
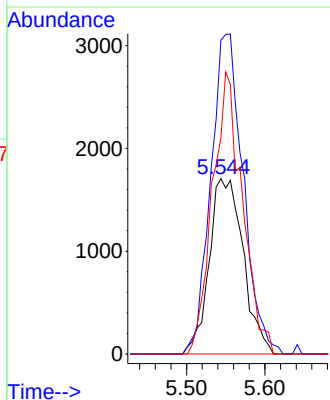
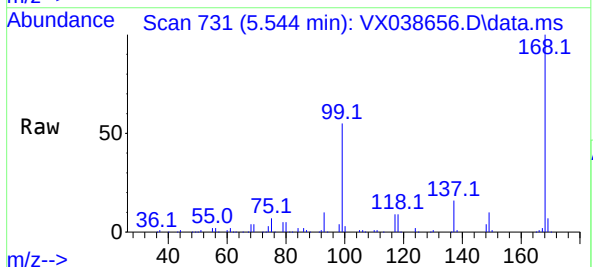


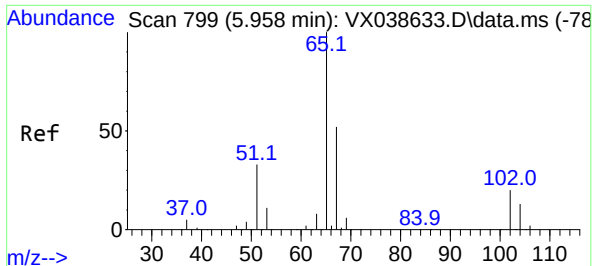
Tgt Ion:	84	Resp:	1157
Ion	Ratio	Lower	Upper
84	100		
49	99.1	103.6	155.4#
51	25.6	33.8	50.6#
86	51.9	49.4	74.0



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.068 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Tgt Ion:	56	Resp:	5128
Ion	Ratio	Lower	Upper
56	100		
69	179.0	23.4	35.2#
84	123.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.715 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038656.D

Acq: 08 Nov 2023 15:17

Instrument :

MSVOA_X

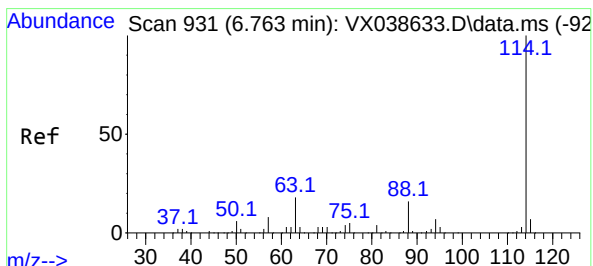
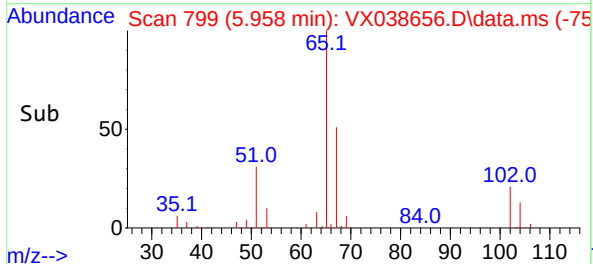
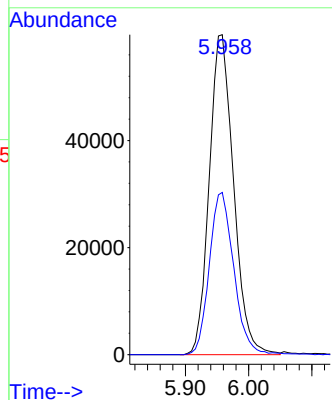
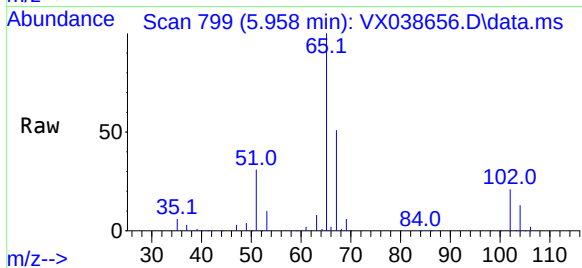
ClientSampleId :

Tgt Ion: 65 Resp: 159709

Ion Ratio Lower Upper

65 100

67 51.2 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: VX038656.D

Acq: 08 Nov 2023 15:17

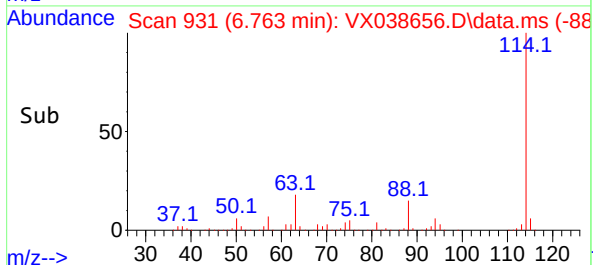
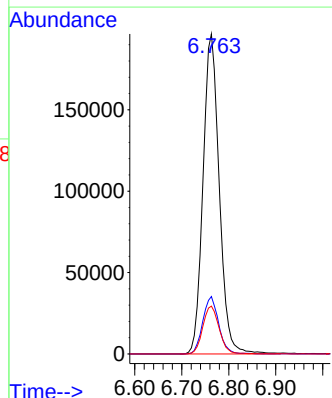
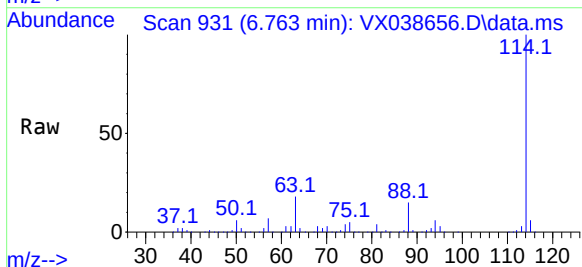
Tgt Ion: 114 Resp: 470884

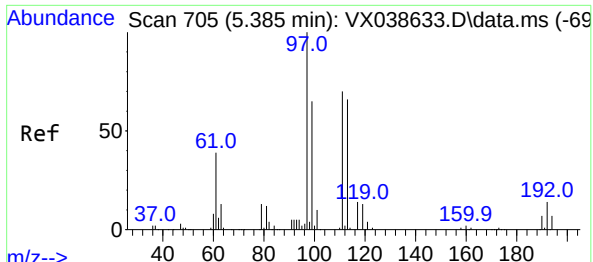
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

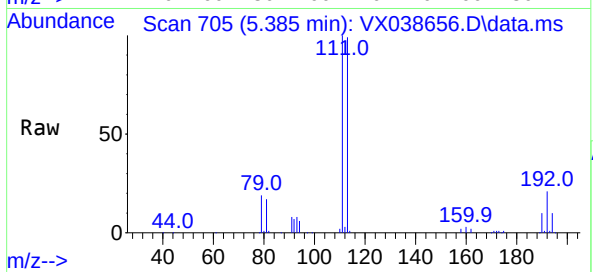
88 15.0 0.0 36.6



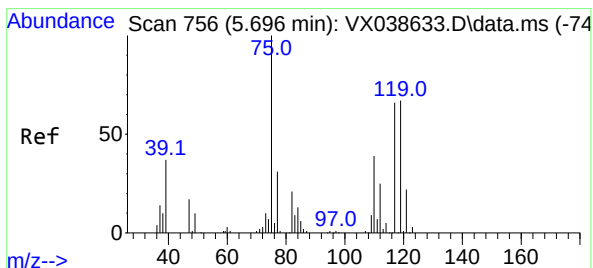
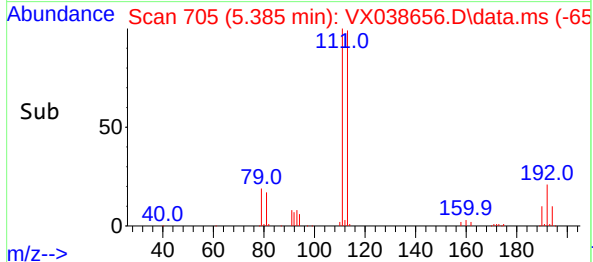
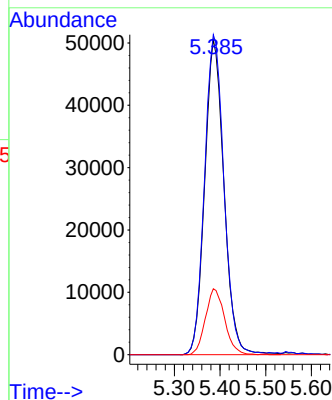


#35
Dibromofluoromethane
Concen: 43.606 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

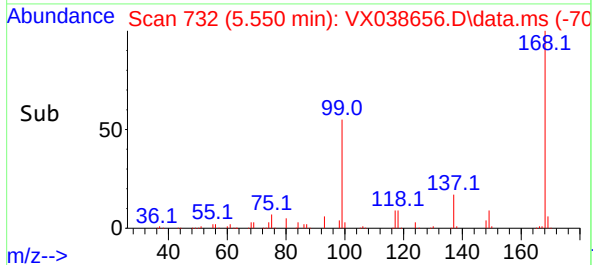
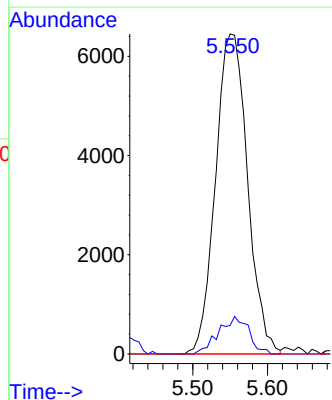
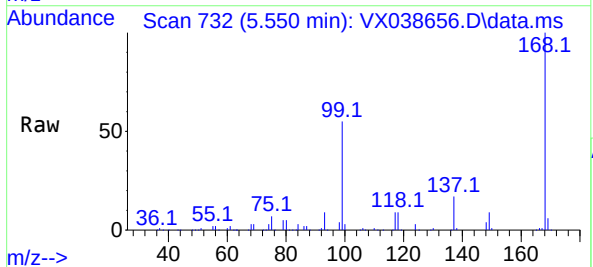


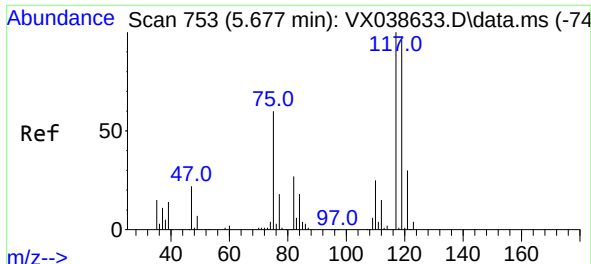
Tgt Ion:113 Resp: 147887
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 20.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

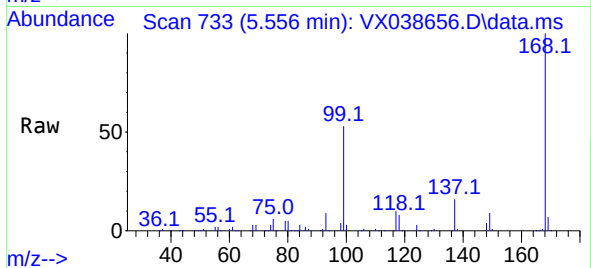
Tgt Ion: 75 Resp: 19212
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#



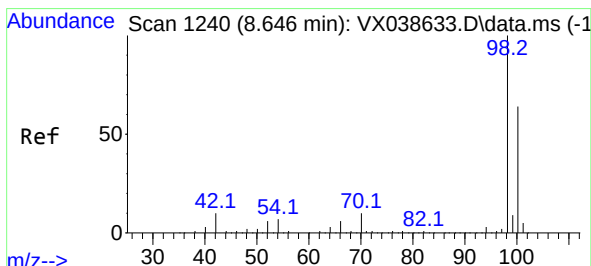
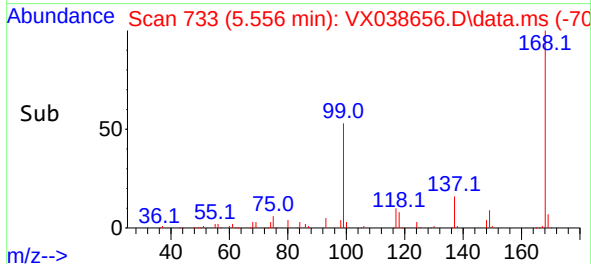
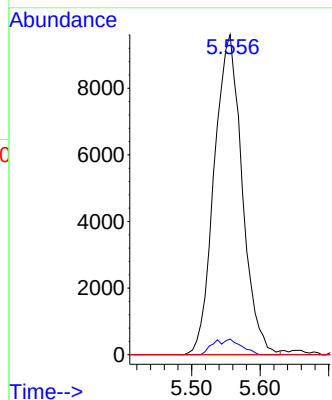


#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

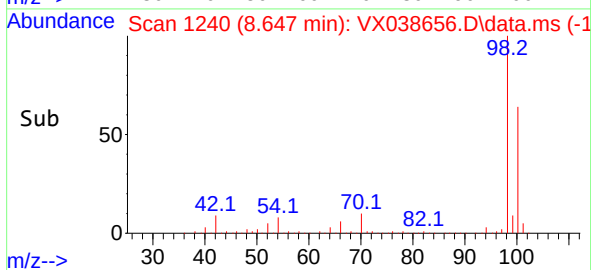
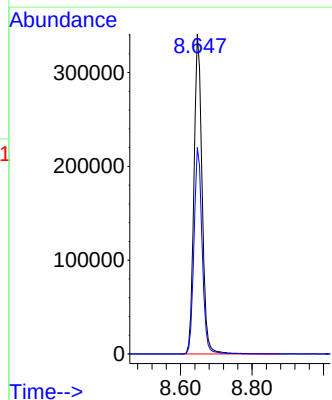
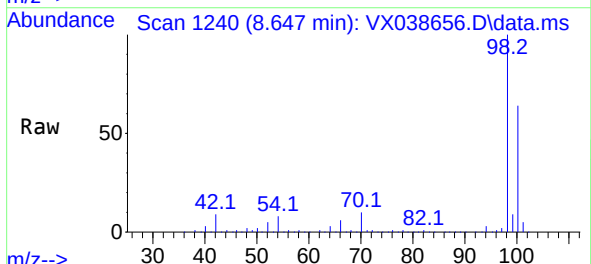


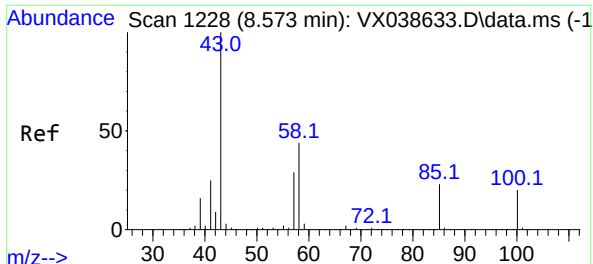
Tgt Ion:117 Resp: 27187
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Tgt Ion: 98 Resp: 538254
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

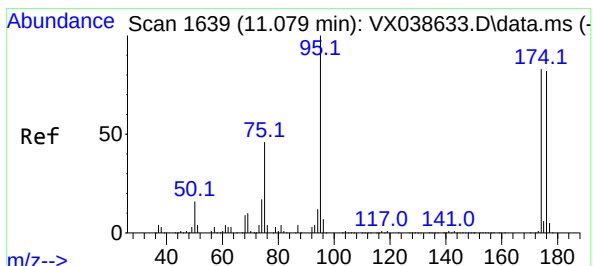
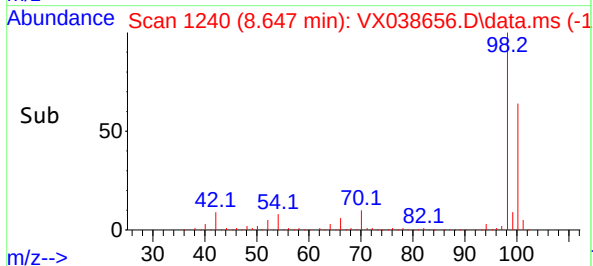
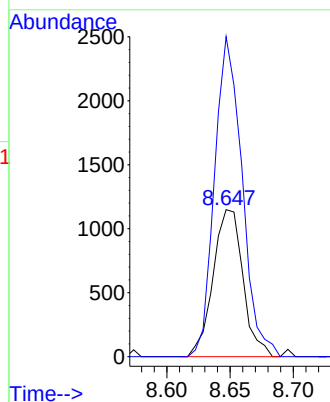
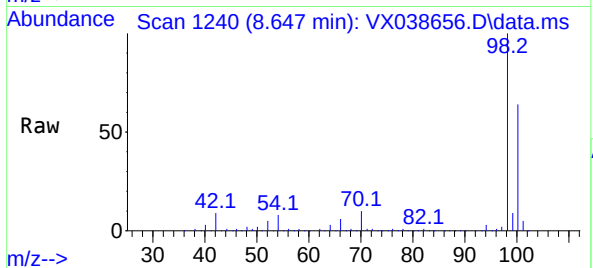




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

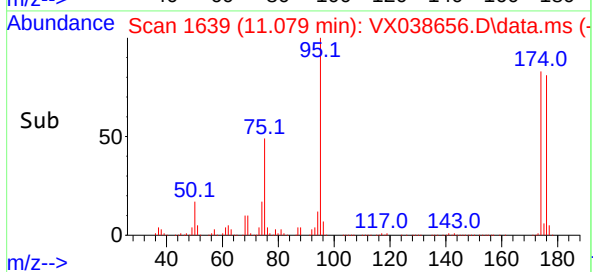
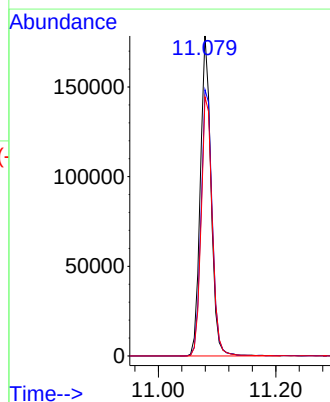
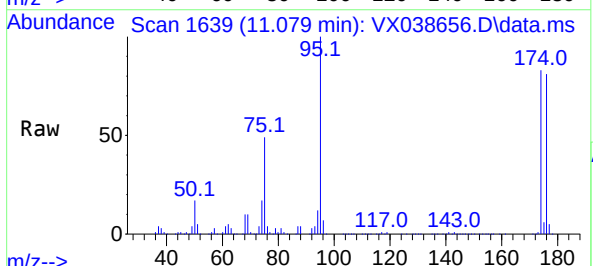
Instrument :
MSVOA_X
ClientSampleId :

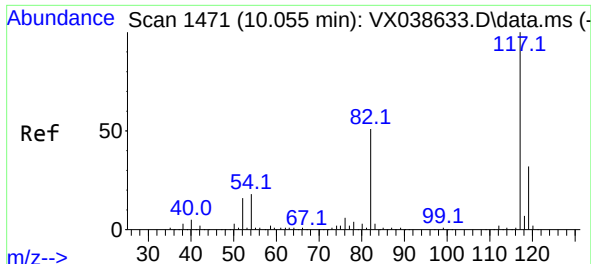
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
58 200.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

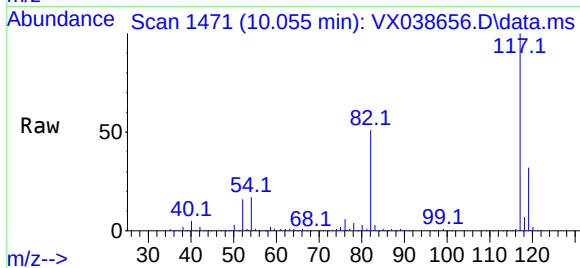
Tgt Ion: 95 Resp: 225412
Ion Ratio Lower Upper
95 100
174 87.1 0.0 135.6
176 83.9 0.0 131.0



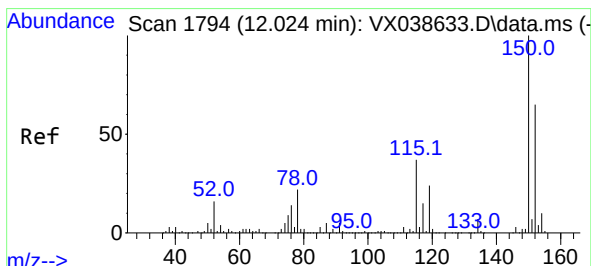
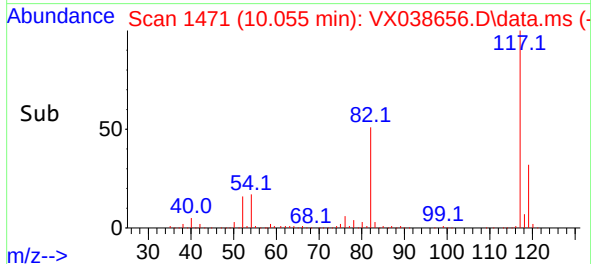
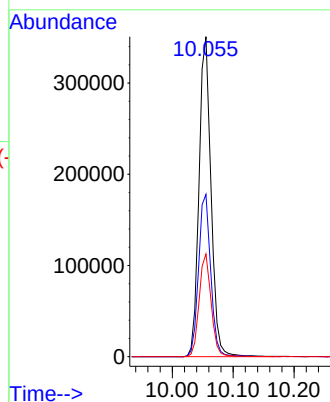


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

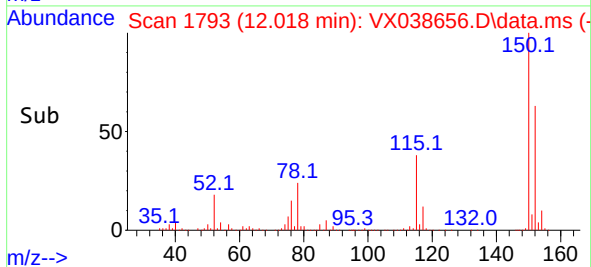
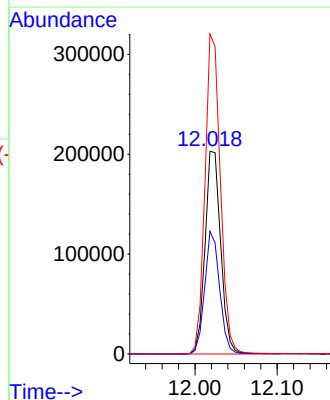
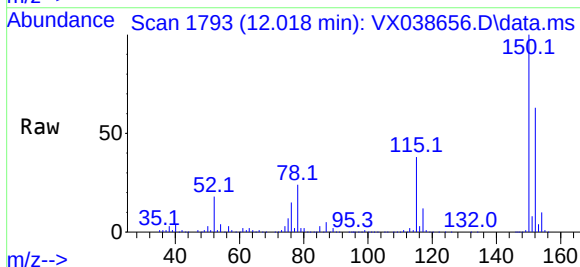


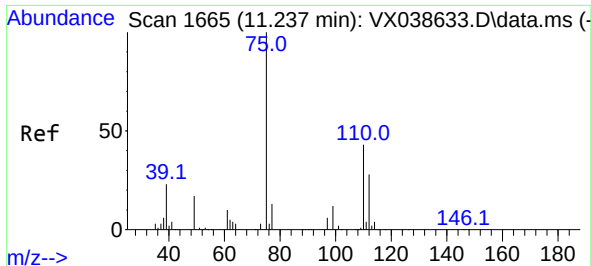
Tgt Ion:117 Resp: 478502
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Tgt Ion:152 Resp: 268293
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 155.8 0.0 345.0

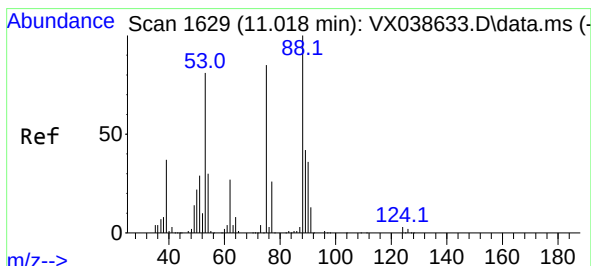
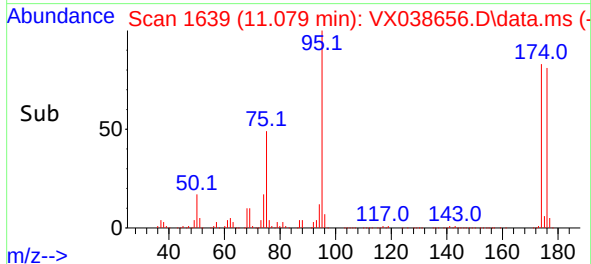
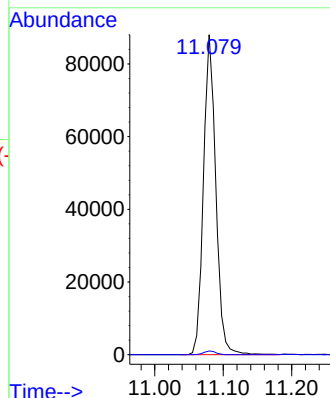
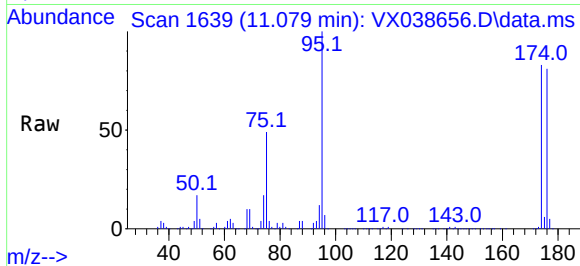




#76
1,2,3-Trichloropropane
Concen: 20.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 110478
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038656.D
Acq: 08 Nov 2023 15:17

Tgt Ion: 75 Resp: 110478
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

