

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034200.D
 Acq On : 21 Feb 2023 10:33
 Operator : JC/MD
 Sample : VX0221WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 15:52:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	324896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	538224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	479180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189677	43.349	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.700%
35) Dibromofluoromethane	5.385	113	169834	48.464	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	8.647	98	647413	51.456	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.920%
62) 4-Bromofluorobenzene	11.079	95	227049	47.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%

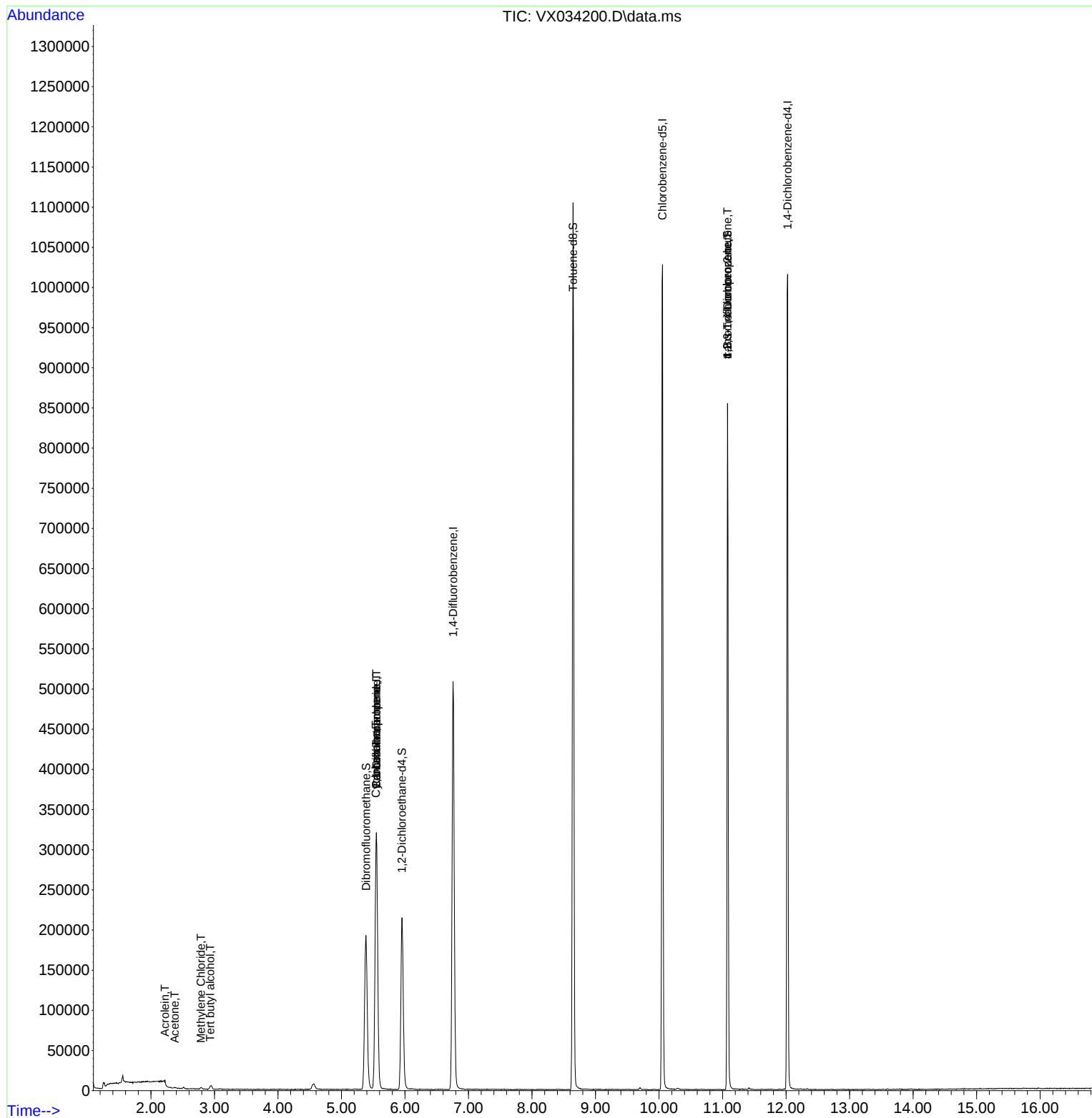
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	611	Below Cal	#	63
11) Tert butyl alcohol	2.934	59	2855	2.917	ug/l #	94
13) Acrolein	2.221	56	388	0.869	ug/l #	14
16) Acetone	2.374	43	1231	0.545	ug/l #	69
20) Methylene Chloride	2.788	84	1298	0.319	ug/l #	81
31) Cyclohexane	5.544	56	6893	1.055	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	24073	4.645	ug/l #	48
38) Carbon Tetrachloride	5.550	117	30693	5.755	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	110534	20.086	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110534	51.599	ug/l #	8

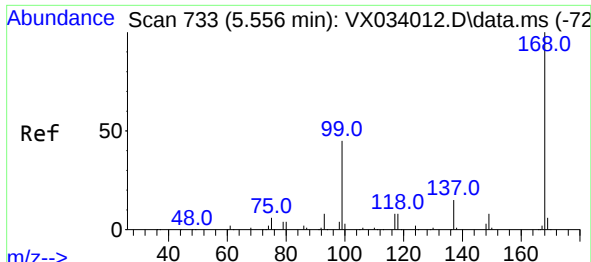
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

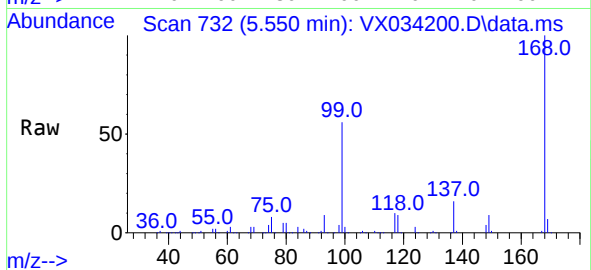
Quant Time: Feb 21 15:52:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



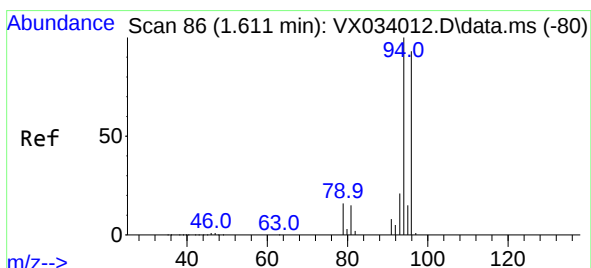
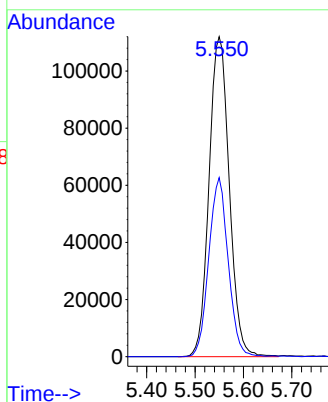
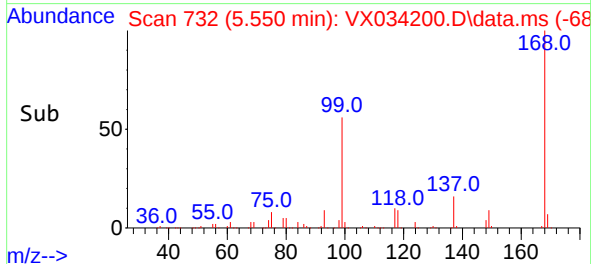


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :

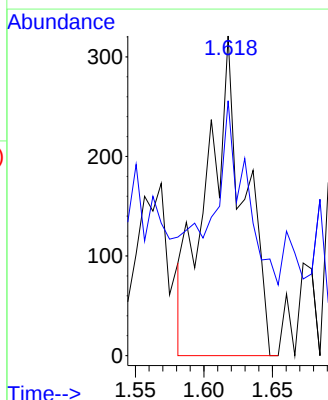
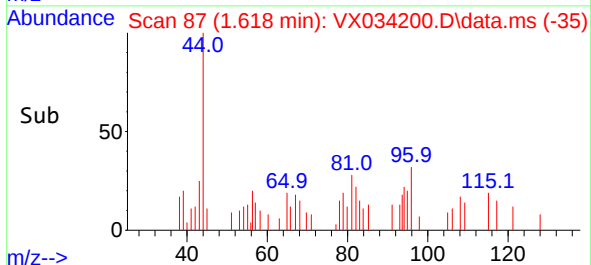
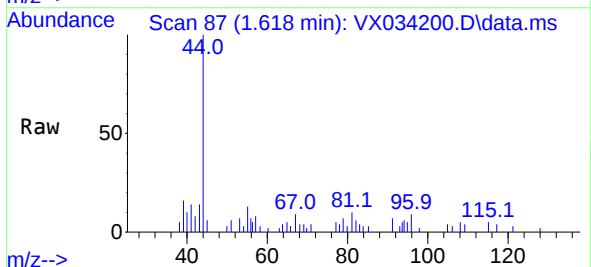


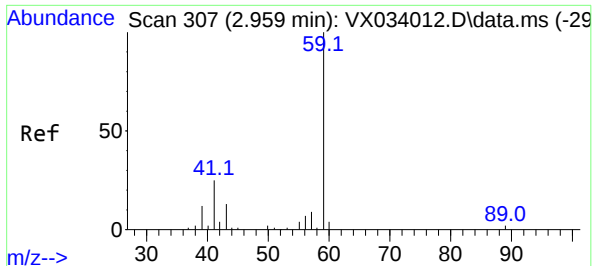
Tgt Ion:168 Resp: 324896
Ion Ratio Lower Upper
168 100
99 56.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Tgt Ion: 94 Resp: 611
Ion Ratio Lower Upper
94 100
96 57.6 74.3 111.5#





#11

Tert butyl alcohol

Concen: 2.917 ug/l

RT: 2.934 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX034200.D

Acq: 21 Feb 2023 10:33

Instrument :

MSVOA_X

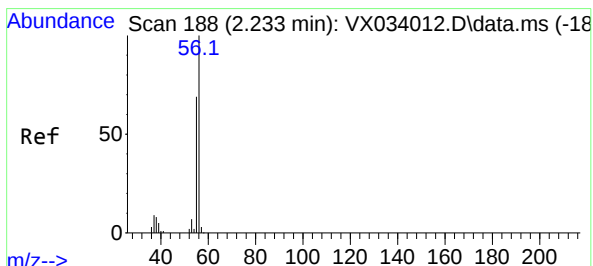
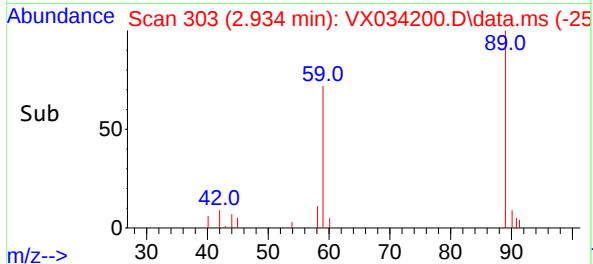
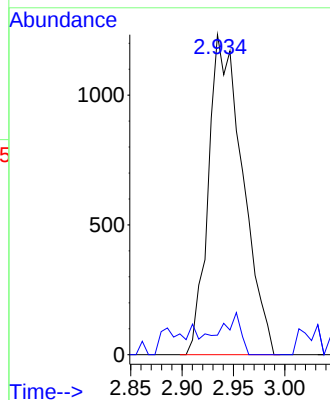
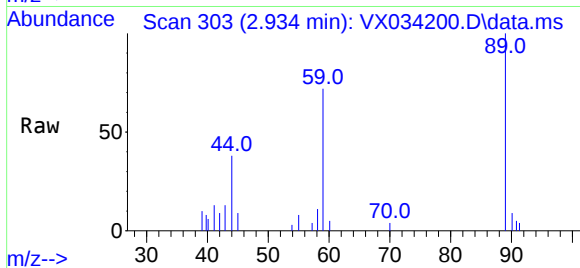
ClientSampleId :

Tgt Ion: 59 Resp: 2855

Ion Ratio Lower Upper

59 100

57 6.7 3.7 5.5#



#13

Acrolein

Concen: 0.869 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX034200.D

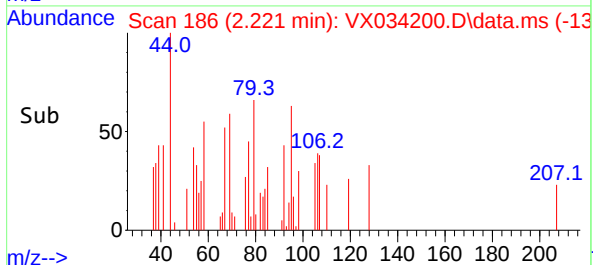
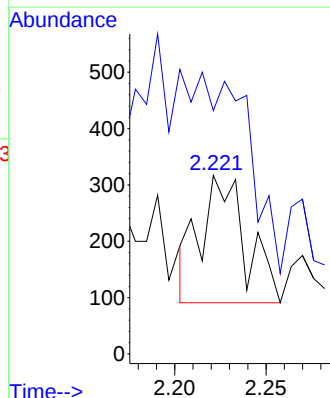
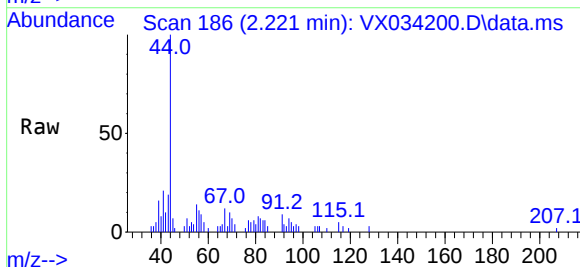
Acq: 21 Feb 2023 10:33

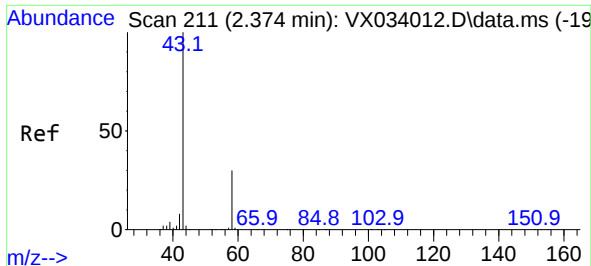
Tgt Ion: 56 Resp: 388

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#

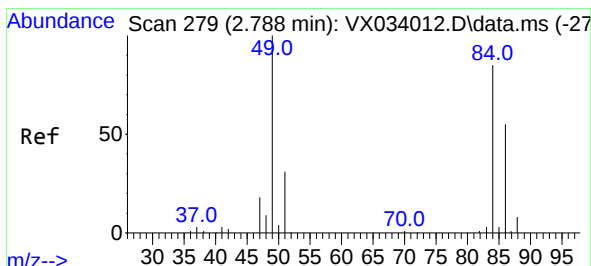
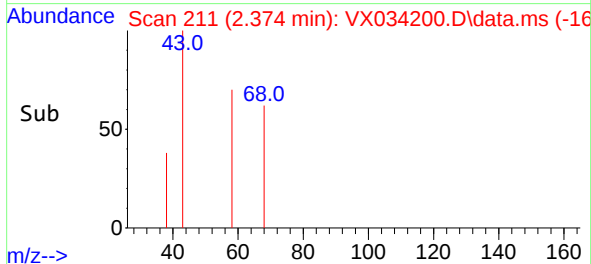
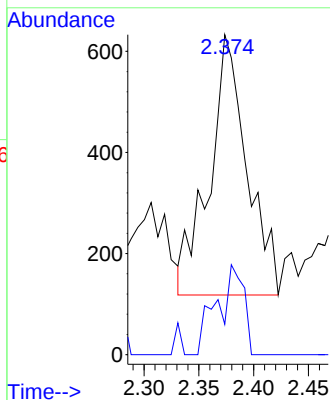
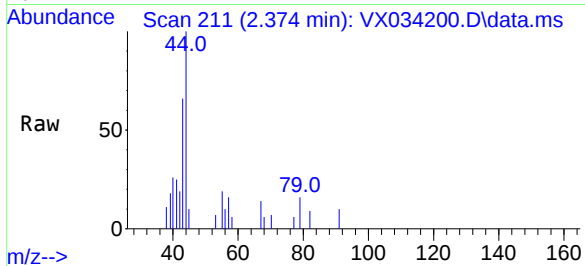




#16
Acetone
Concen: 0.545 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

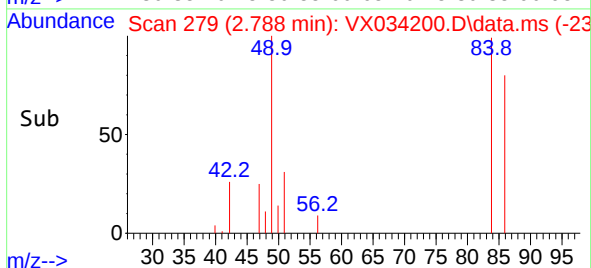
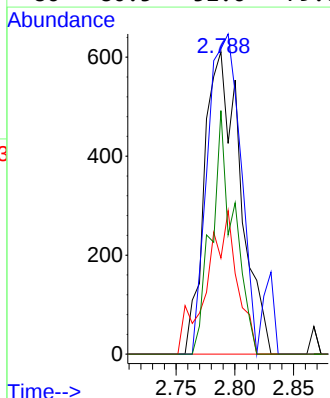
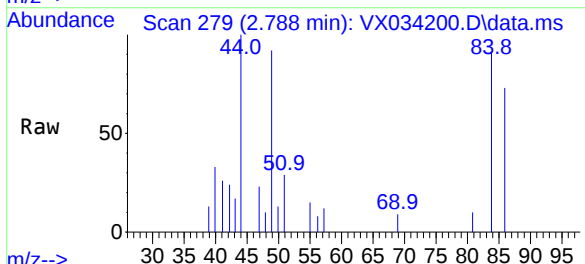
Instrument :
MSVOA_X
ClientSampleId :

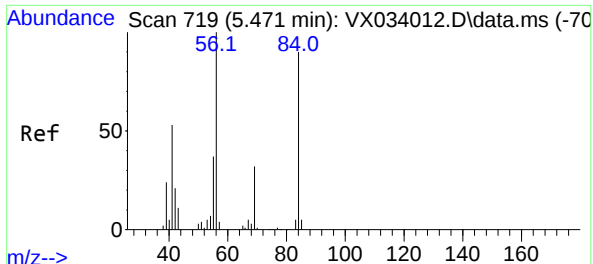
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 11.7 22.6 33.8#



#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

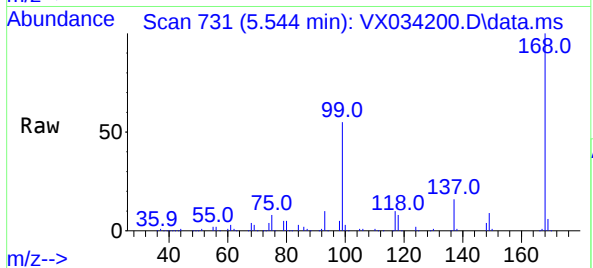
Tgt Ion: 84 Resp: 1298
Ion Ratio Lower Upper
84 100
49 101.0 101.1 151.7#
51 31.8 31.0 46.6
86 80.5 52.6 79.0#



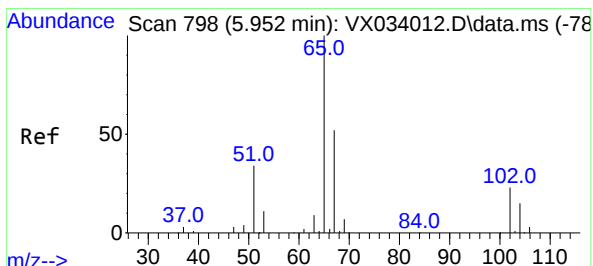
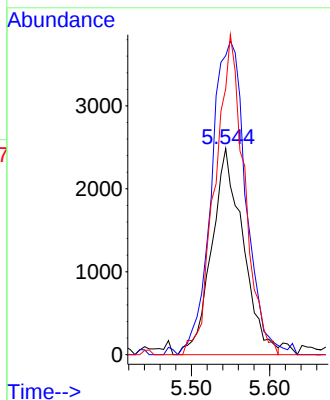
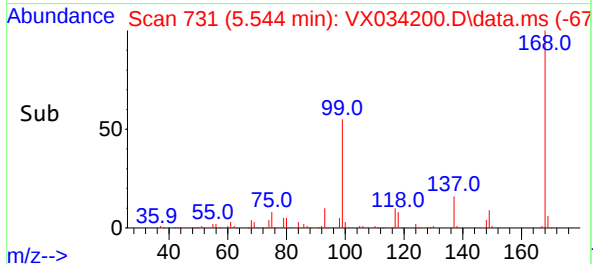


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :

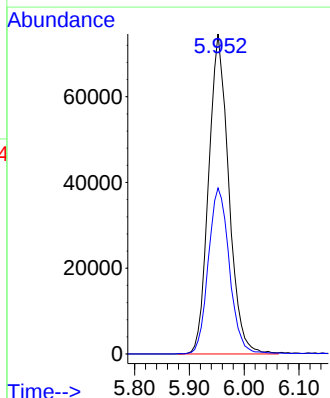
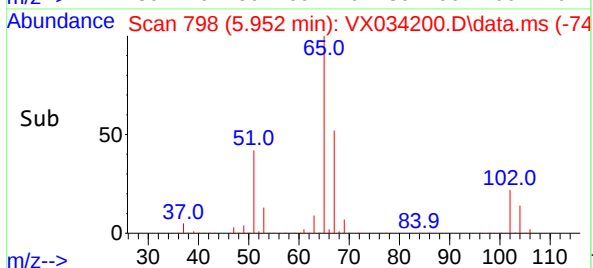
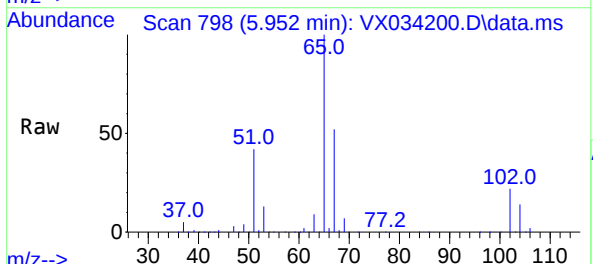


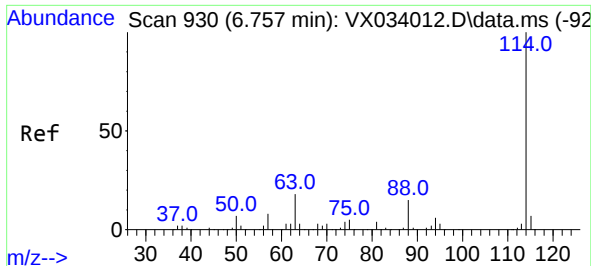
Tgt Ion: 56 Resp: 6893
Ion Ratio Lower Upper
56 100
69 145.0 24.6 37.0#
84 129.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.349 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Tgt Ion: 65 Resp: 189677
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.8

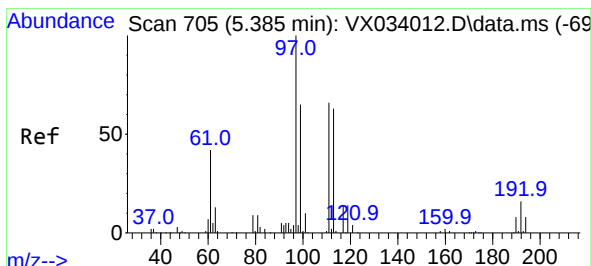
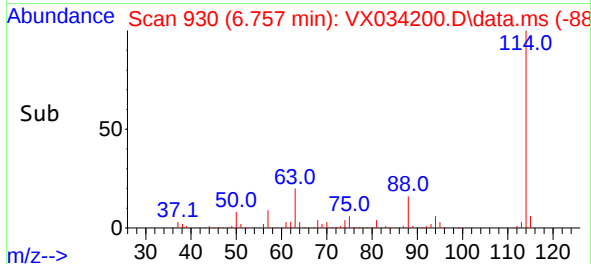
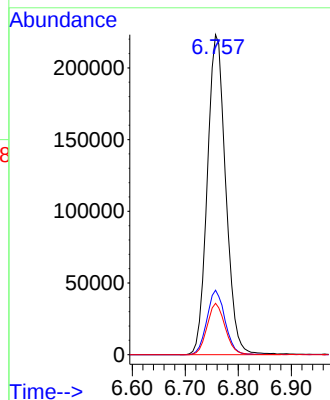
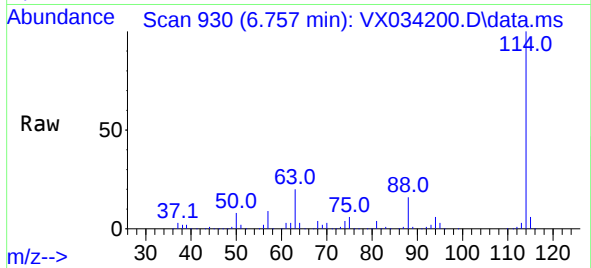




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

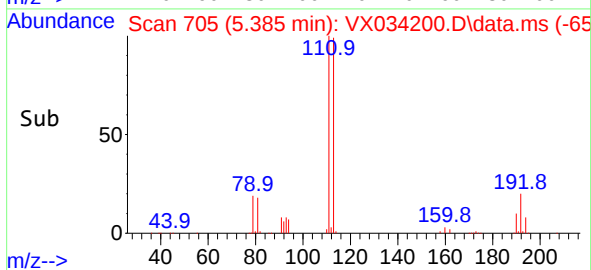
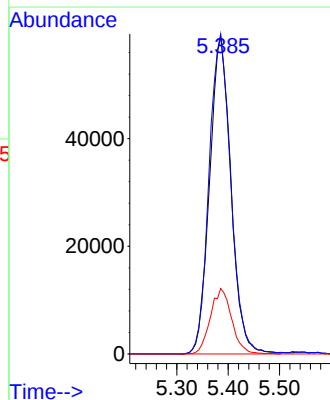
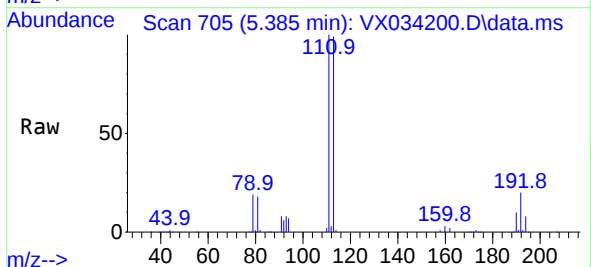
Instrument :
MSVOA_X
ClientSampleId :

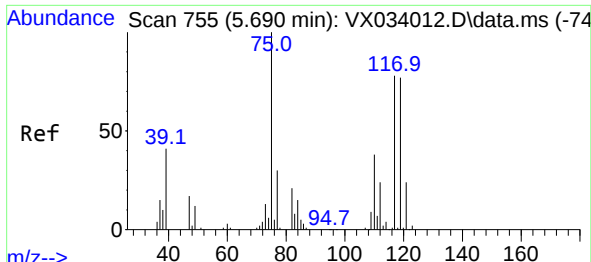
Tgt Ion:114 Resp: 538224
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.464 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

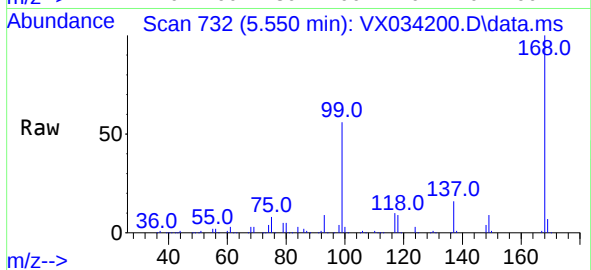
Tgt Ion:113 Resp: 169834
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 20.6 19.0 28.4



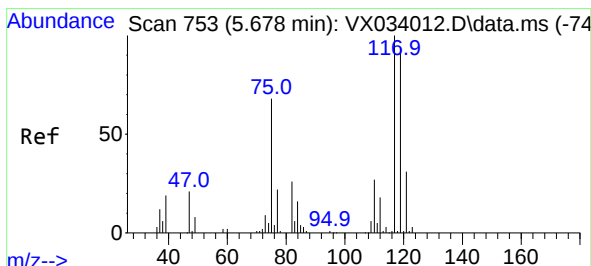
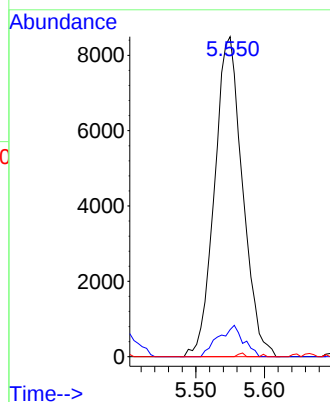
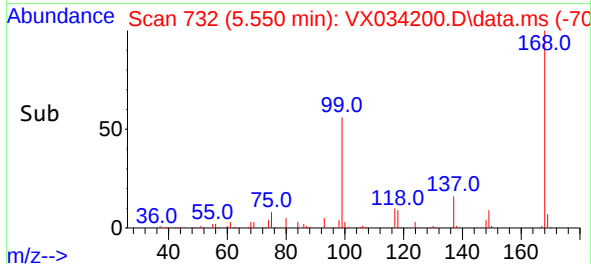


#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

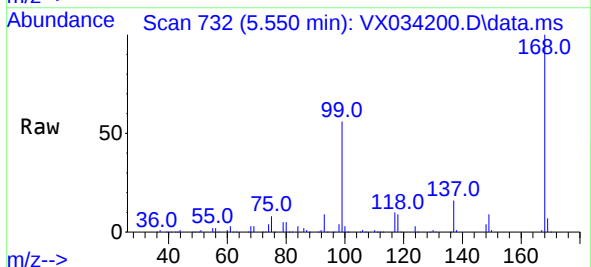
Instrument :
MSVOA_X
ClientSampleId :



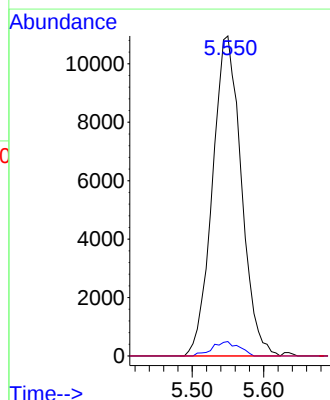
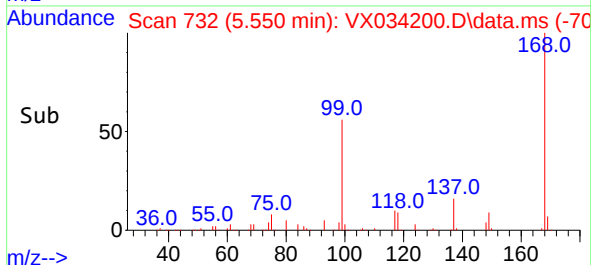
Tgt Ion: 75 Resp: 24073
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.2 25.1 37.7#

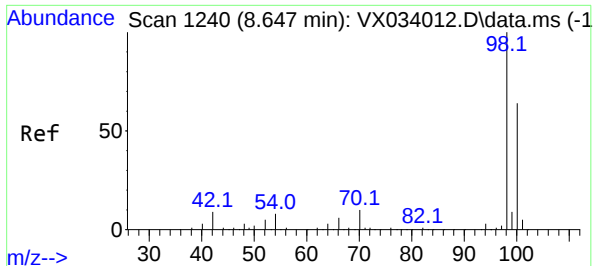


#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33



Tgt Ion: 117 Resp: 30693
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.4 36.6#

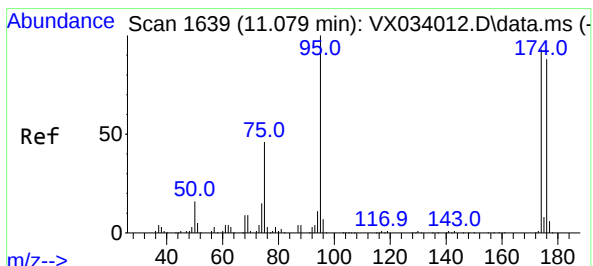
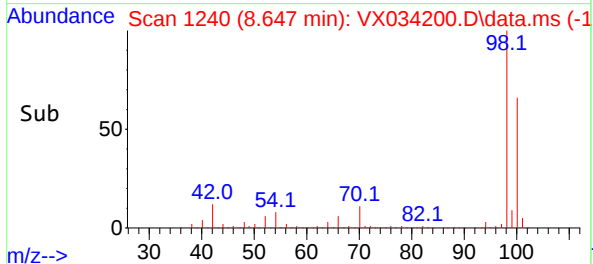
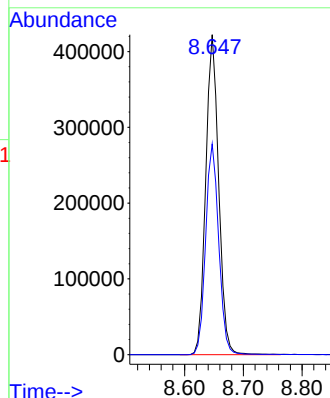
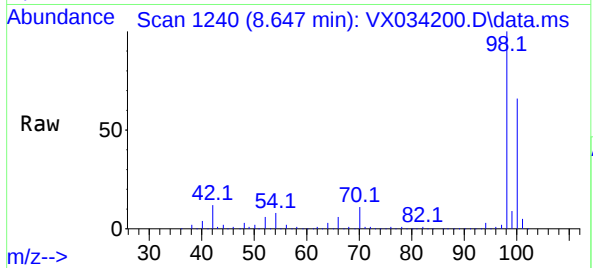




#50
Toluene-d8
Concen: 51.456 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

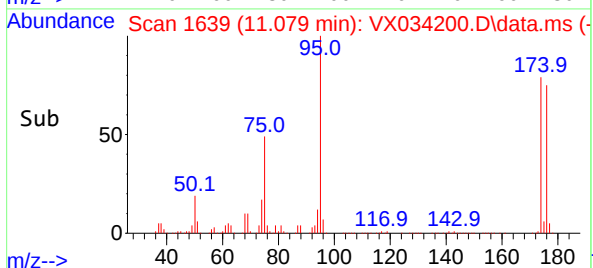
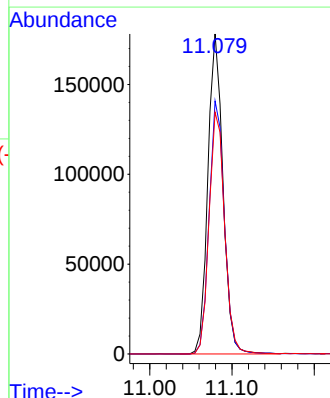
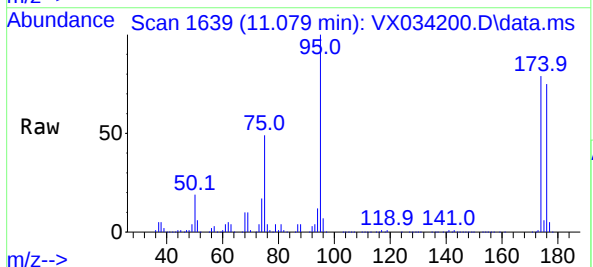
Instrument :
MSVOA_X
ClientSampleId :

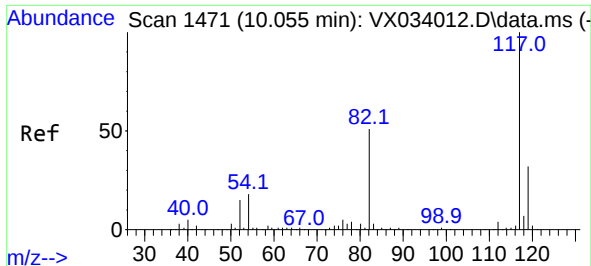
Tgt Ion: 98 Resp: 647413
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

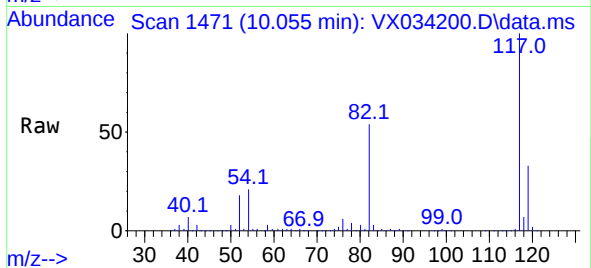
Tgt Ion: 95 Resp: 227049
Ion Ratio Lower Upper
95 100
174 80.0 0.0 184.4
176 78.1 0.0 178.8



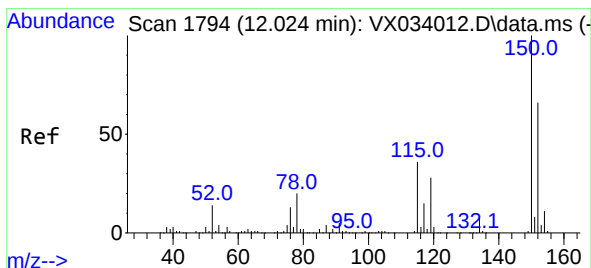
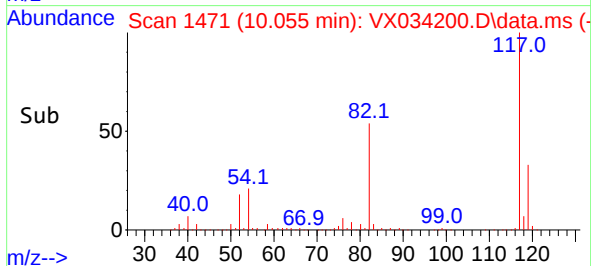
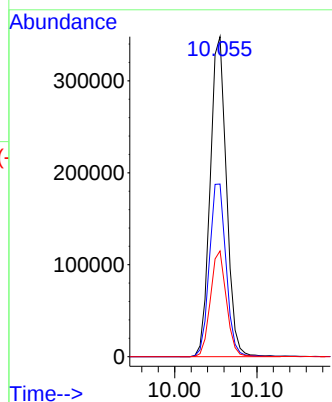


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :

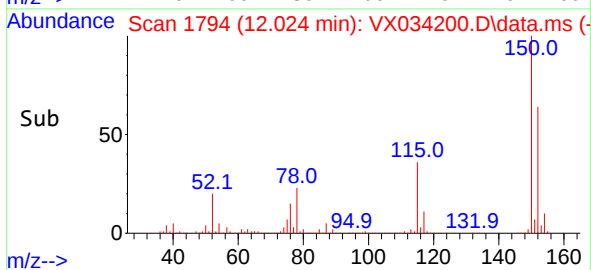
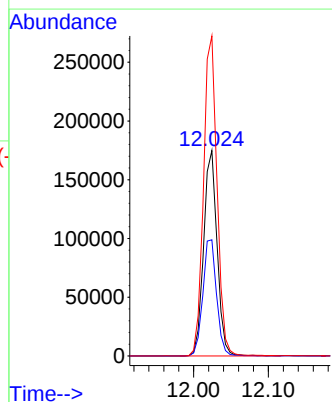
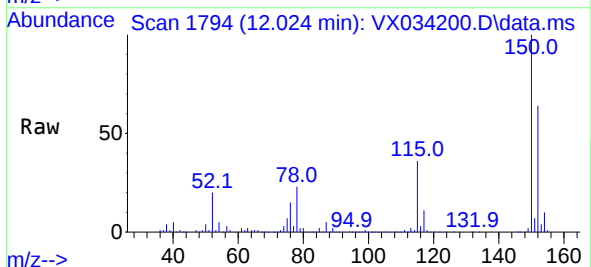


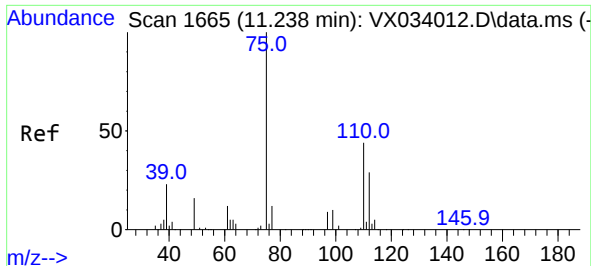
Tgt Ion:117 Resp: 479180
Ion Ratio Lower Upper
117 100
82 54.0 40.6 60.8
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Tgt Ion:152 Resp: 218700
Ion Ratio Lower Upper
152 100
115 58.0 38.7 116.1
150 156.5 0.0 348.2

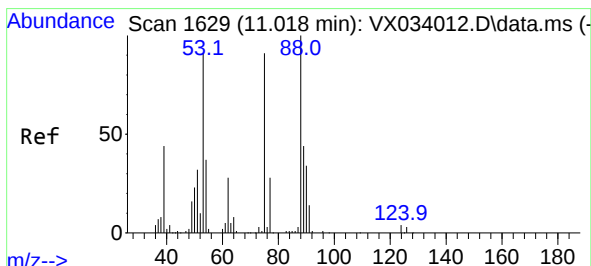
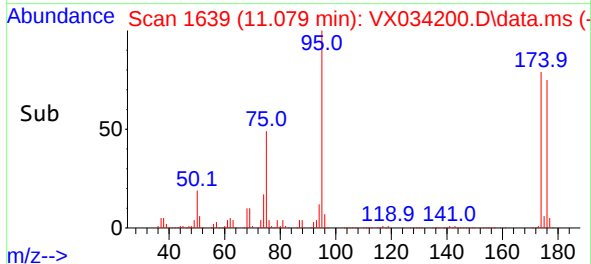
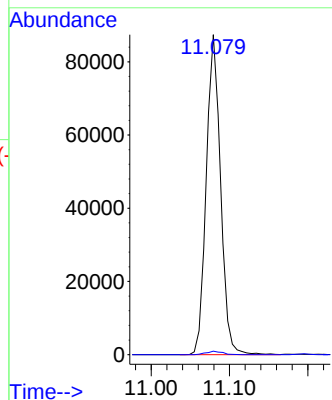
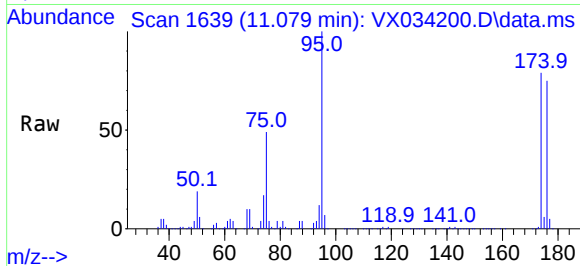




#76
1,2,3-Trichloropropane
Concen: 20.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 110534
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034200.D
Acq: 21 Feb 2023 10:33

Tgt Ion: 75 Resp: 110534
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

