

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033230.D
 Acq On : 05 Dec 2022 17:00
 Operator : JC/MD
 Sample : N5852-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-12012022

Quant Time: Dec 06 06:00:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

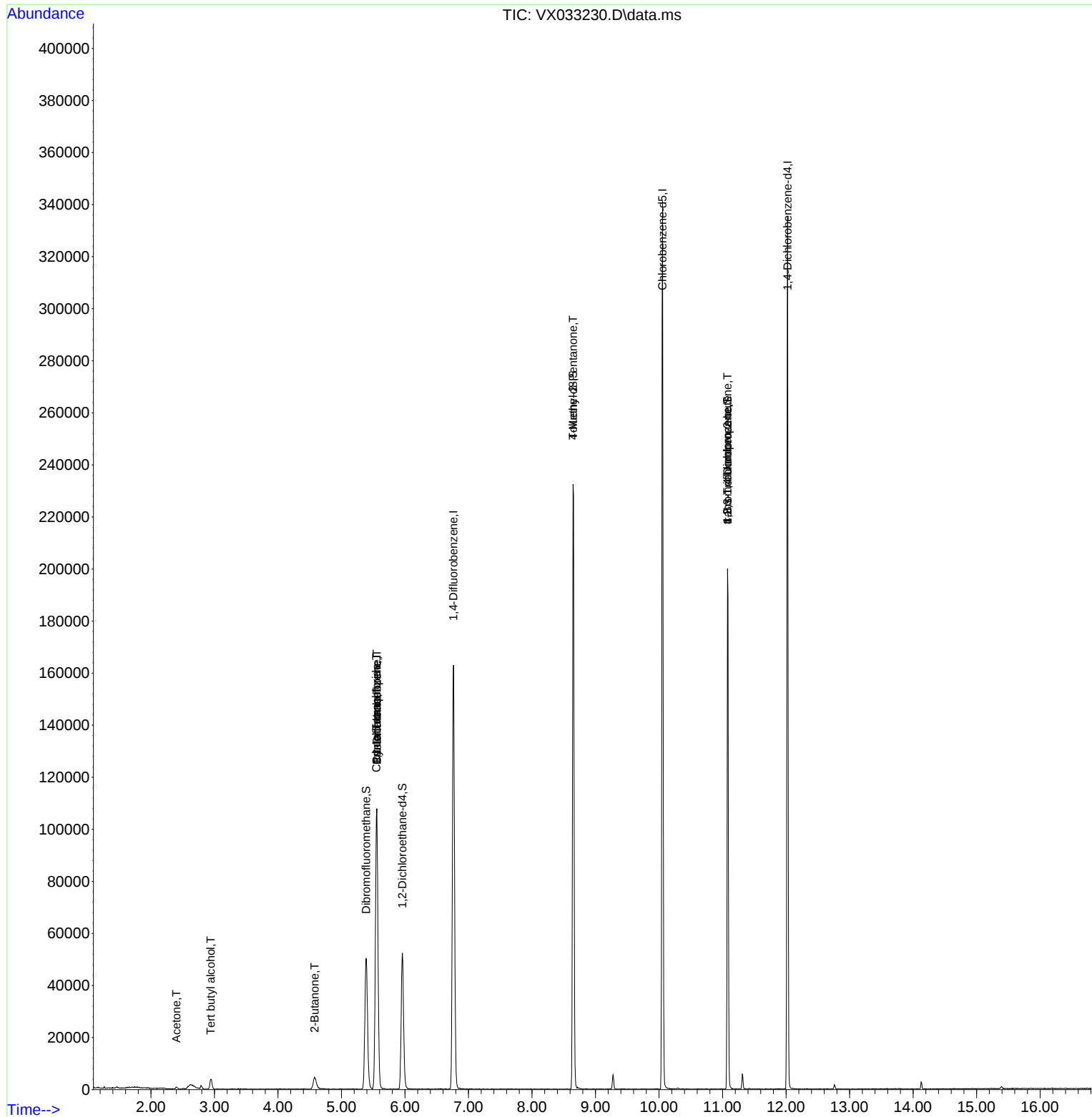
Internal Standards						
1) Pentafluorobenzene	5.556	168	101955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52922	53.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.660%	
35) Dibromofluoromethane	5.385	113	44486	47.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.860%	
50) Toluene-d8	8.647	98	141318	50.083	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	11.079	95	52323	42.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2333	14.823	ug/l #	72
16) Acetone	2.398	43	1128	2.433	ug/l #	84
20) Methylene Chloride	2.788	84	661	Below Cal	#	73
25) 2-Butanone	4.574	43	167	0.261	ug/l #	47
31) Cyclohexane	5.556	56	2116	1.315	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	8013	5.343	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10773	6.476	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	658	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28067	21.729	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	28067	70.629	ug/l #	6

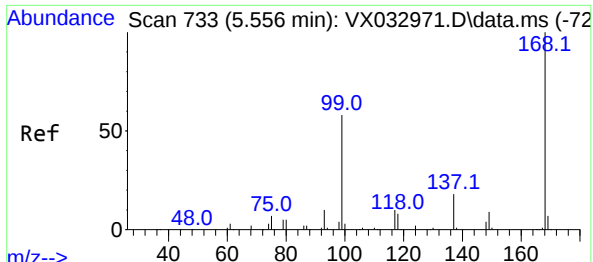
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
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TB03-12012022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

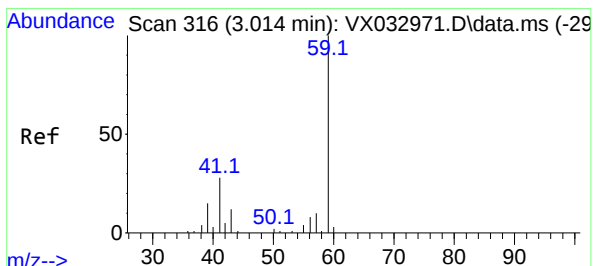
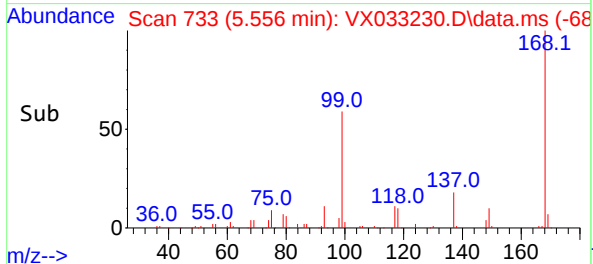
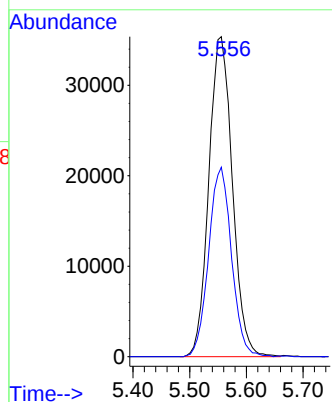
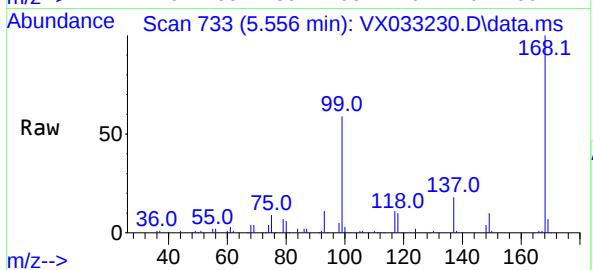




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

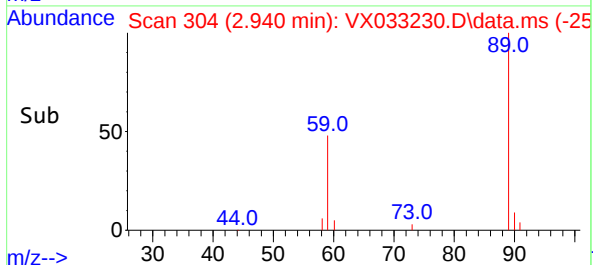
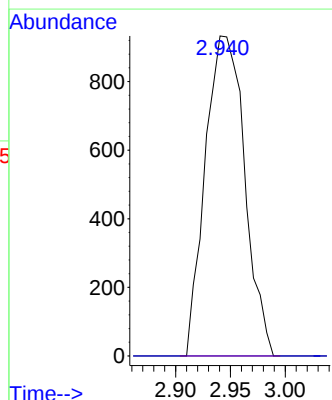
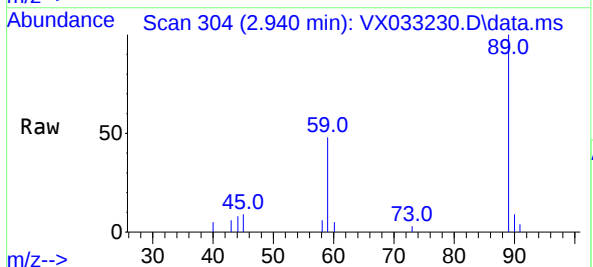
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

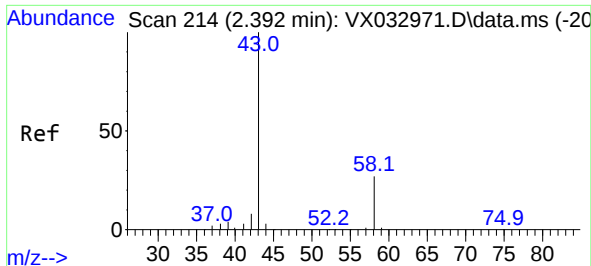
Tgt Ion:168 Resp: 101955
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 14.823 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Tgt Ion: 59 Resp: 2333
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

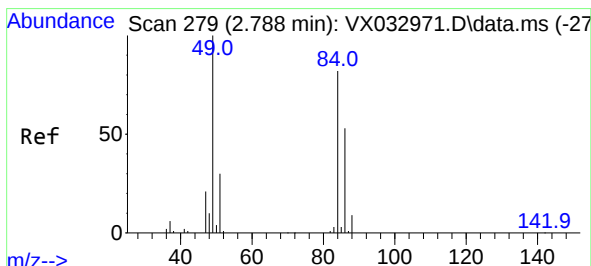
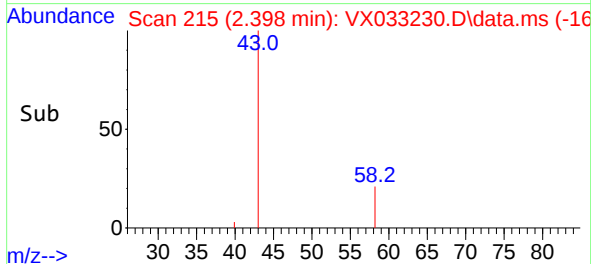
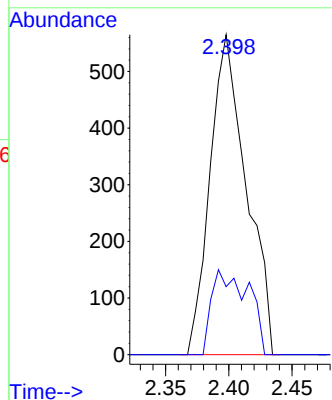
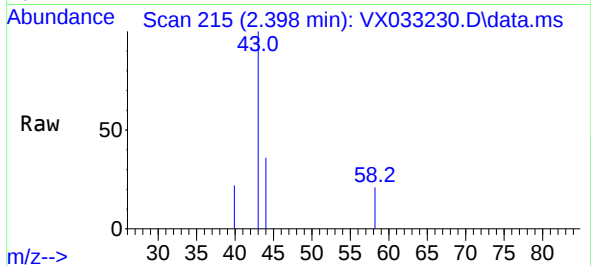




#16
Acetone
Concen: 2.433 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

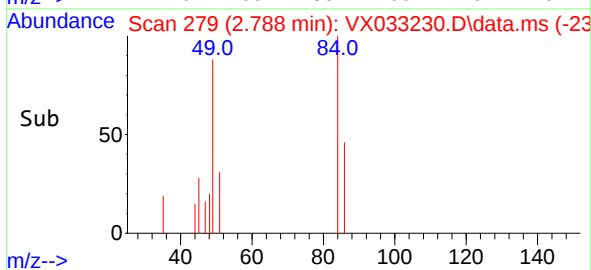
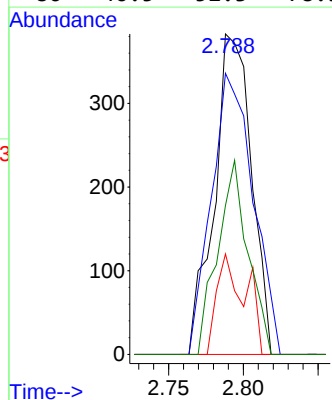
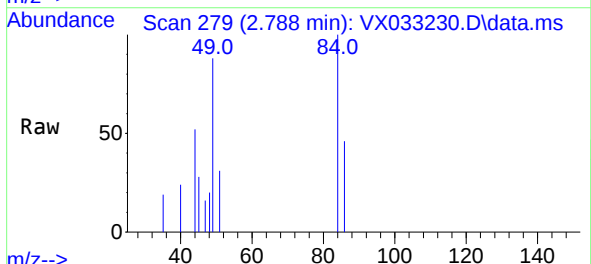
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

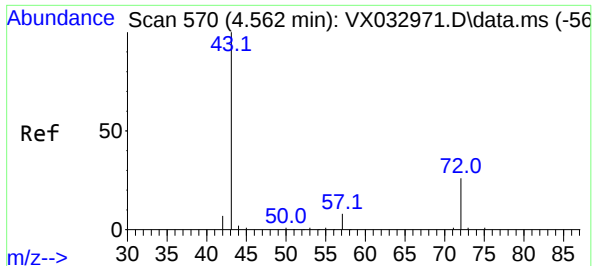
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 21.2 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Tgt Ion: 84 Resp: 661
Ion Ratio Lower Upper
84 100
49 87.7 101.0 151.6#
51 31.3 31.1 46.7
86 46.5 52.3 78.5#





#25

2-Butanone

Concen: 0.261 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX033230.D

Acq: 05 Dec 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

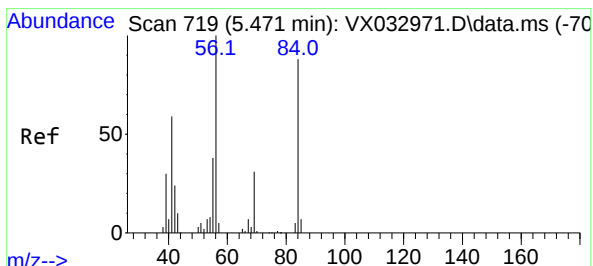
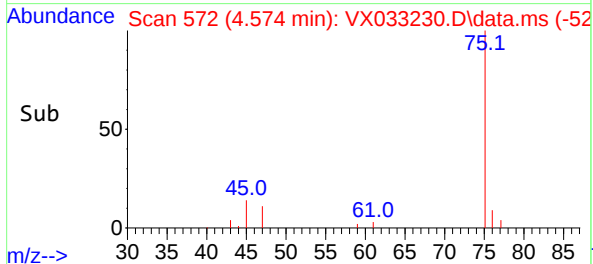
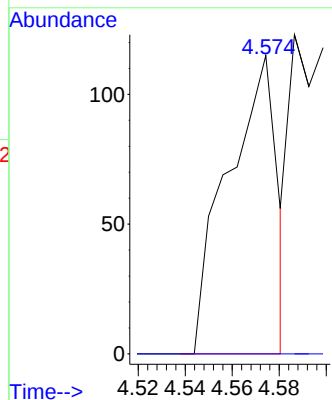
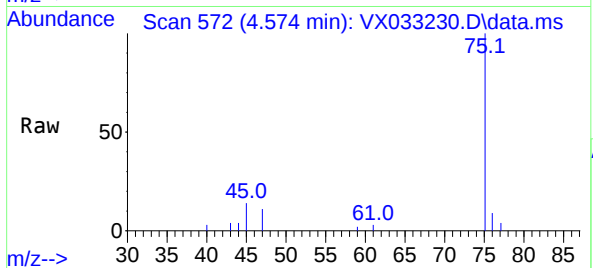
TB03-12012022

Tgt Ion: 43 Resp: 167

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.315 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX033230.D

Acq: 05 Dec 2022 17:00

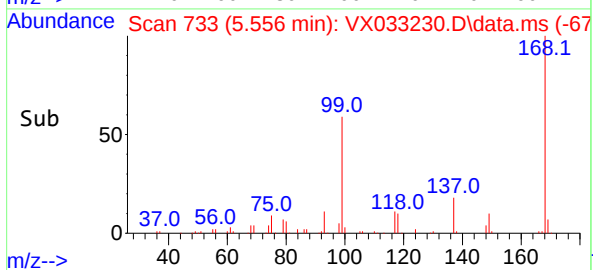
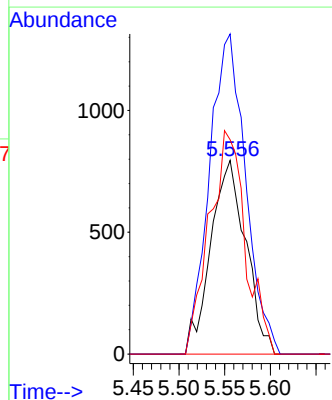
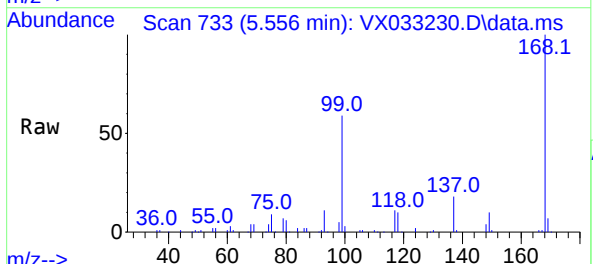
Tgt Ion: 56 Resp: 2116

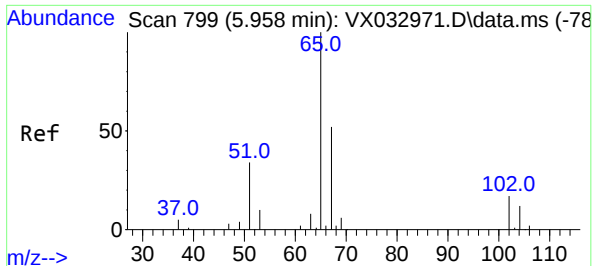
Ion Ratio Lower Upper

56 100

69 165.3 24.1 36.1#

84 110.7 66.9 100.3#





#33
1,2-Dichloroethane-d4
Concen: 53.330 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

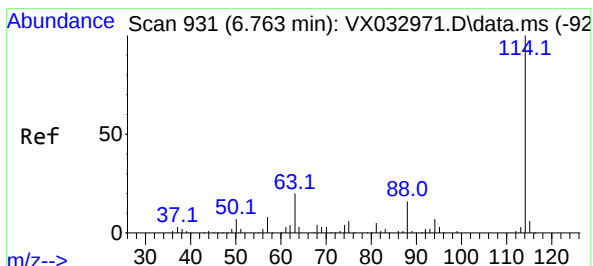
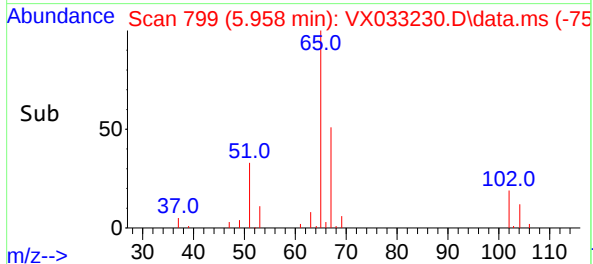
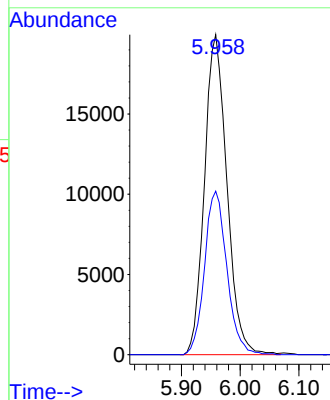
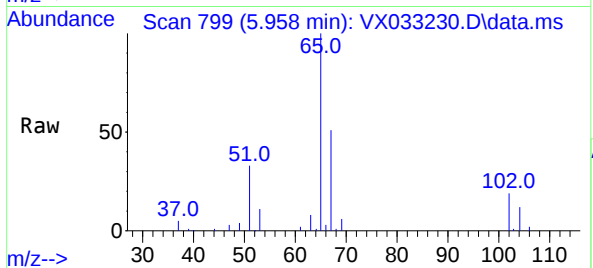
Instrument :

MSVOA_X

ClientSampleId :

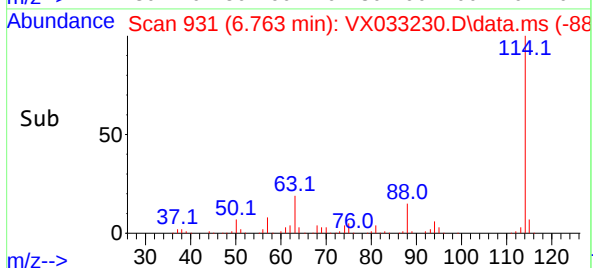
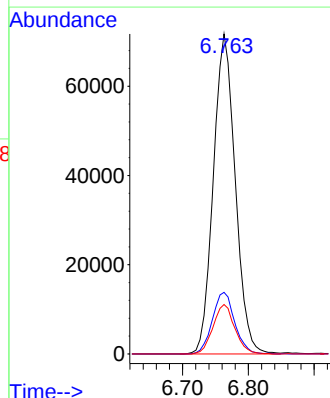
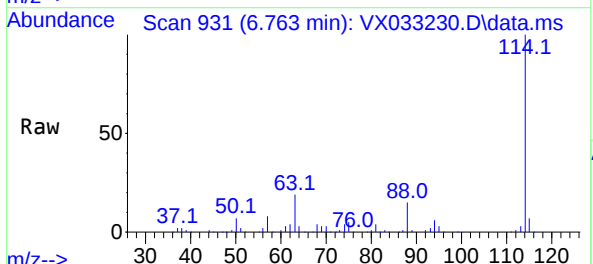
TB03-12012022

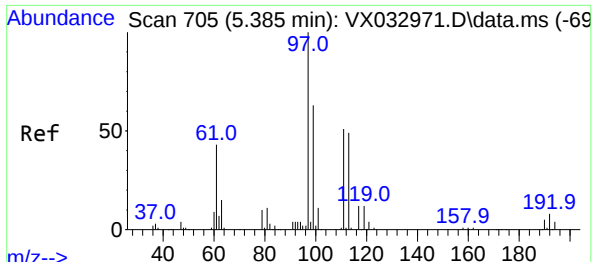
Tgt Ion: 65 Resp: 52922
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

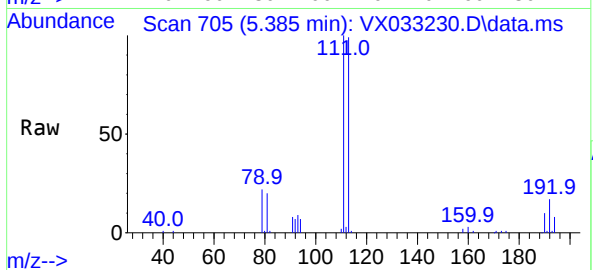
Tgt Ion: 114 Resp: 166360
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 33.4



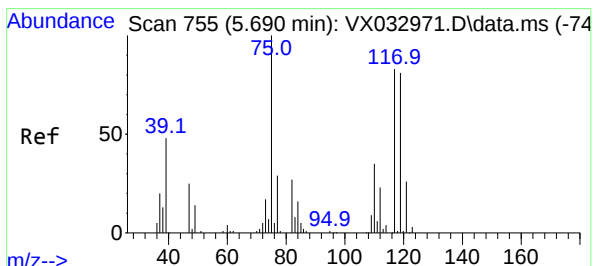
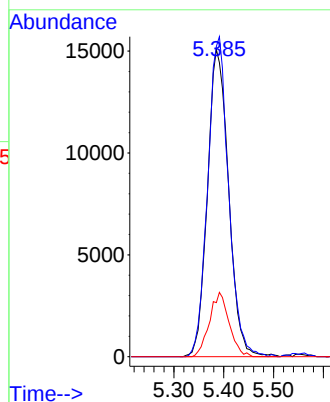
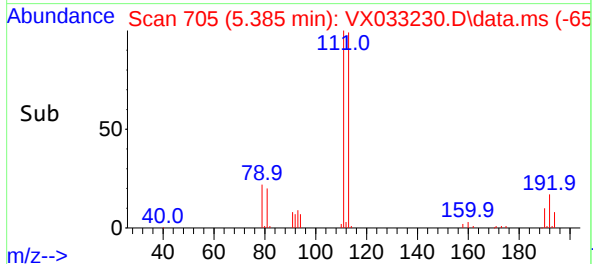


#35
Dibromofluoromethane
Concen: 47.433 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

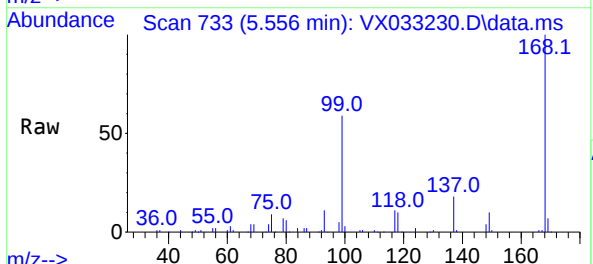
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022



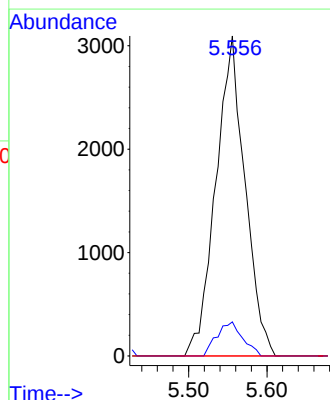
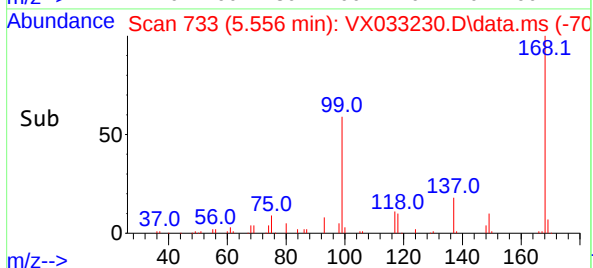
Tgt Ion:113 Resp: 44486
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.5 15.4 23.2

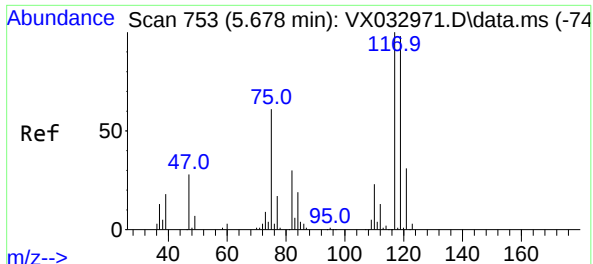


#36
1,1-Dichloropropene
Concen: 5.343 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00



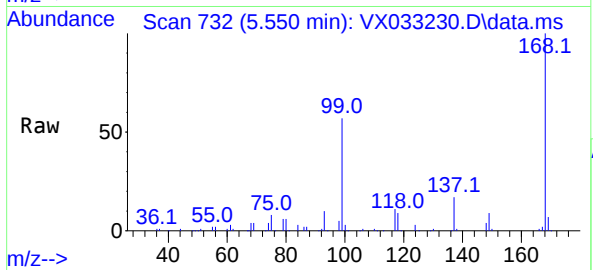
Tgt Ion: 75 Resp: 8013
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



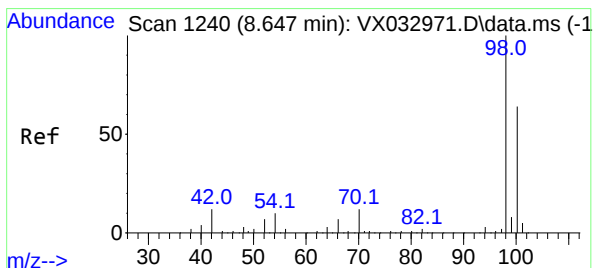
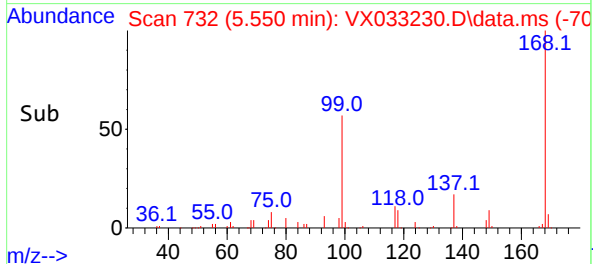
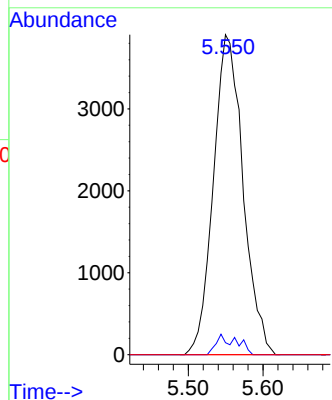


#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

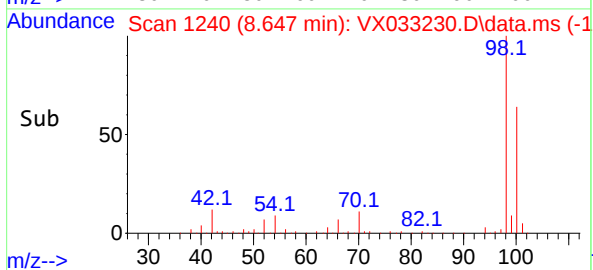
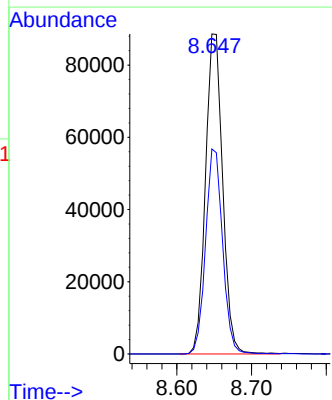
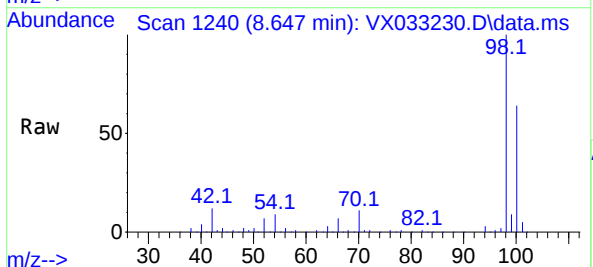


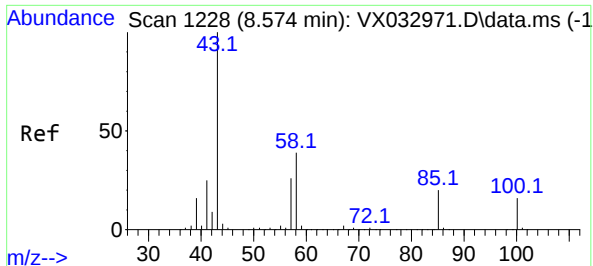
Tgt Ion:117 Resp: 10773
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.083 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Tgt Ion: 98 Resp: 141318
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

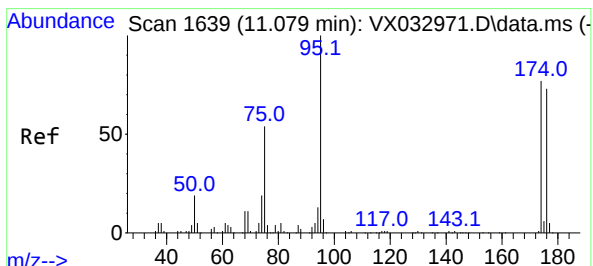
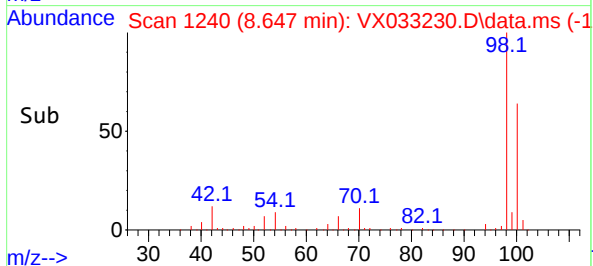
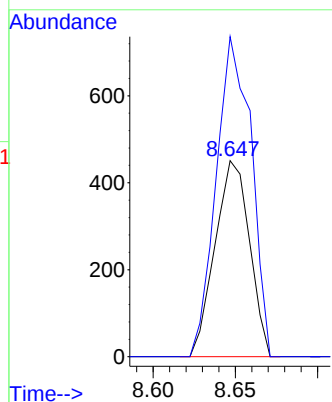
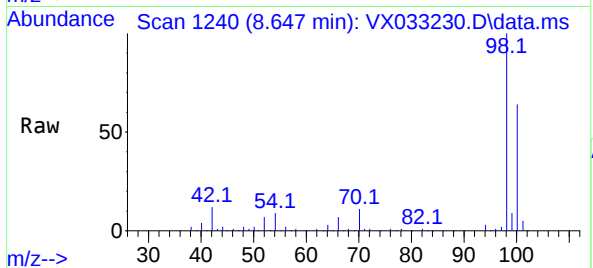




#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

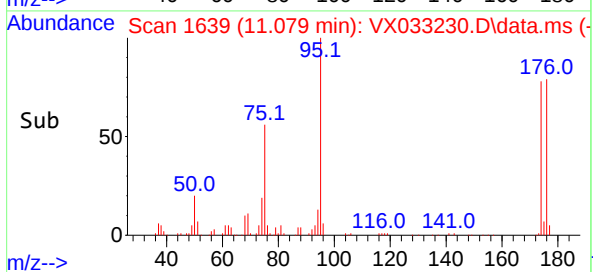
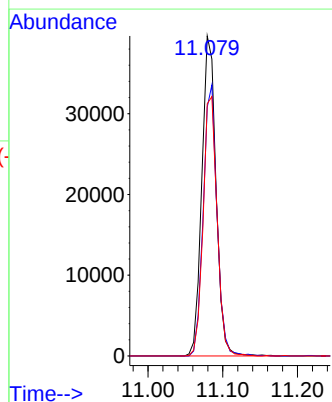
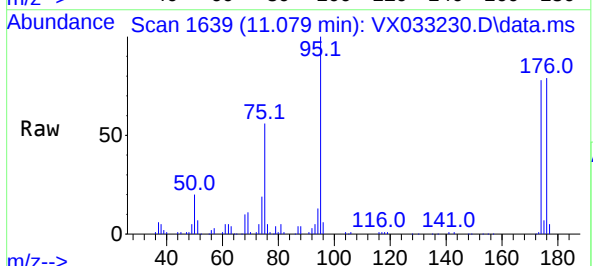
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

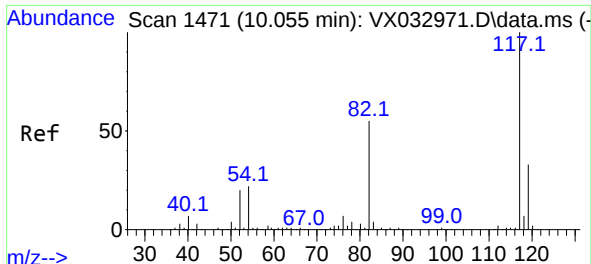
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 165.5 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 42.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Tgt Ion: 95 Resp: 52323
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 79.8 0.0 154.4

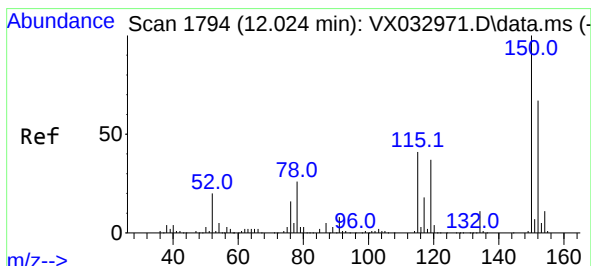
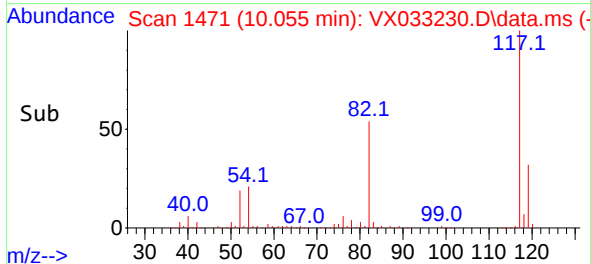
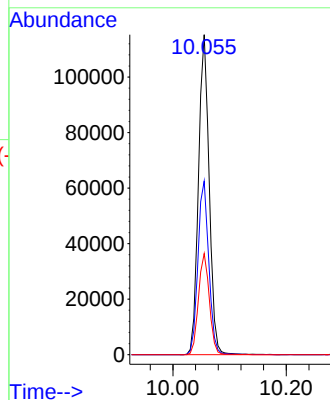
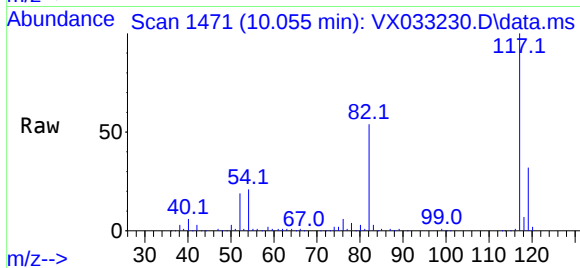




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

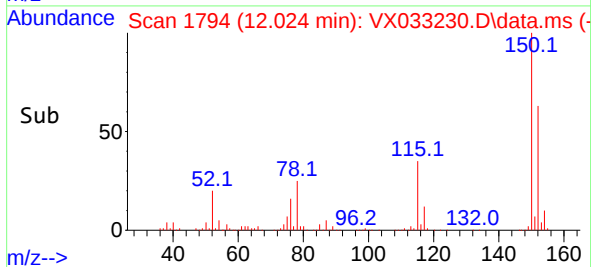
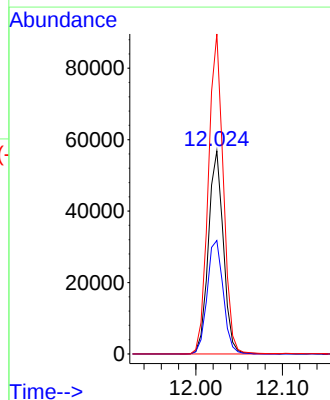
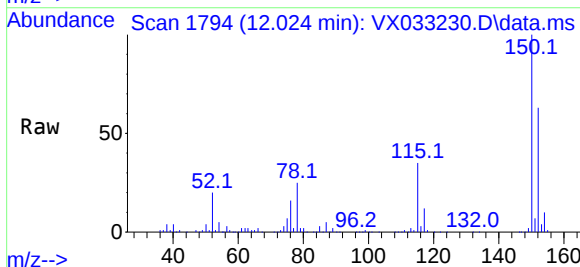
Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

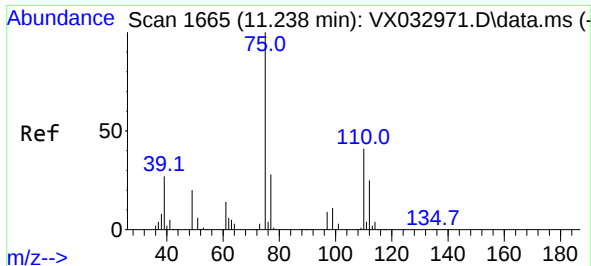
Tgt Ion:117 Resp: 150965
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Tgt Ion:152 Resp: 68205
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 157.8 0.0 351.8

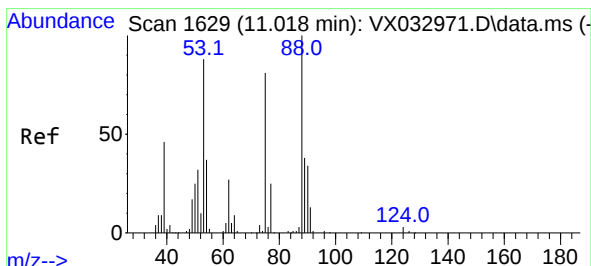
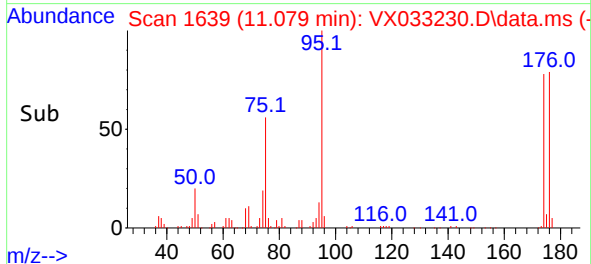
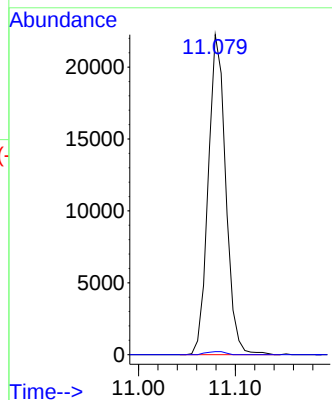
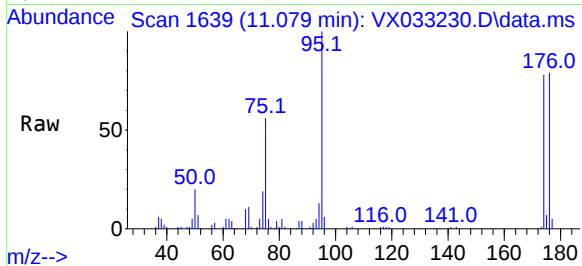




#76
1,2,3-Trichloropropane
Concen: 21.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
TB03-12012022

Tgt Ion: 75 Resp: 28067
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033230.D
Acq: 05 Dec 2022 17:00

Tgt Ion: 75 Resp: 28067
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

