

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033184.D
 Acq On : 02 Dec 2022 14:39
 Operator : JC/MD
 Sample : N5847-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-12-1

Quant Time: Dec 03 04:32:50 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)

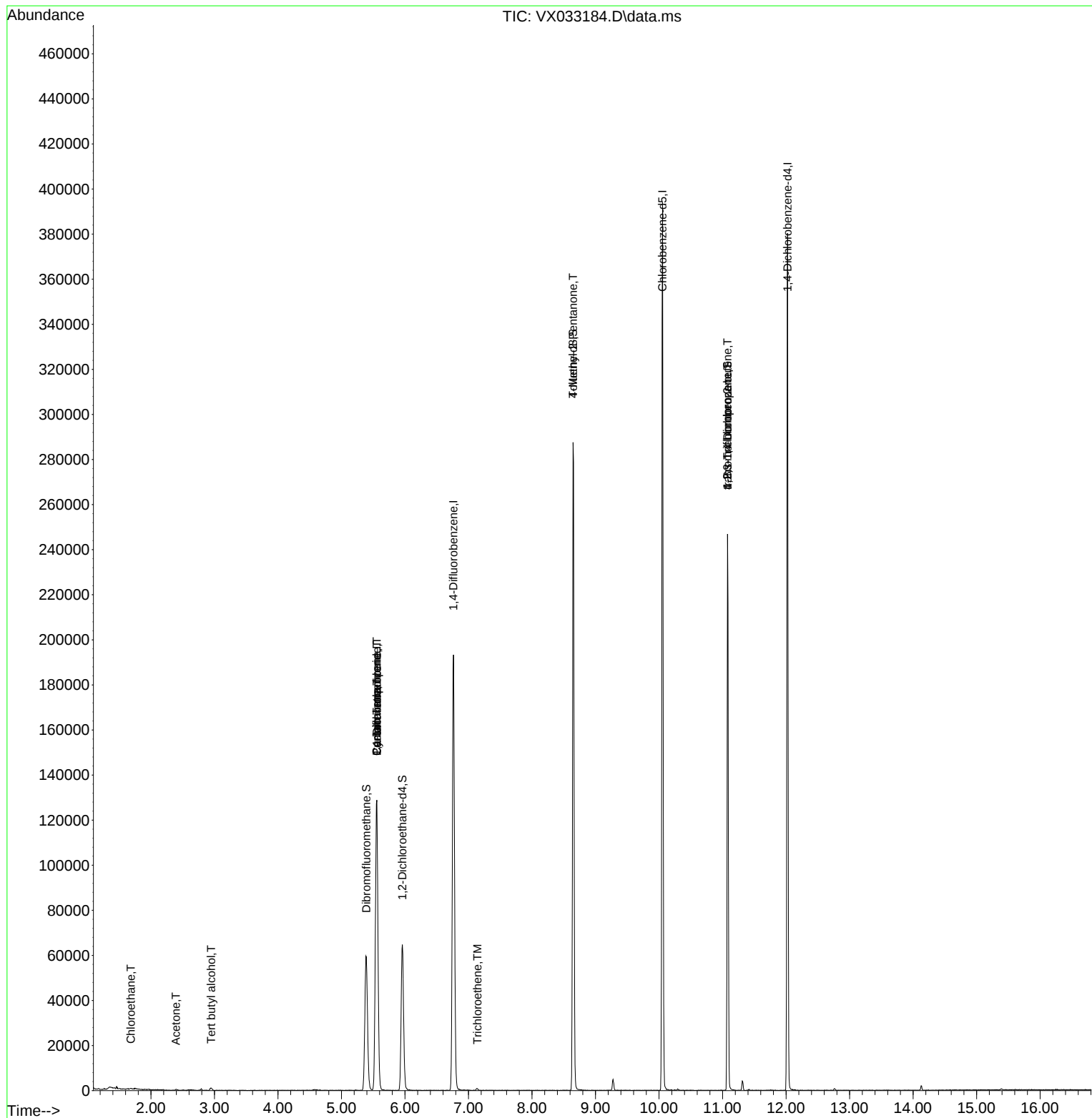
Internal Standards						
1) Pentafluorobenzene	5.556	168	120910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66563	56.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.520%	
35) Dibromofluoromethane	5.391	113	52759	47.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.920%	
50) Toluene-d8	8.647	98	171105	51.773	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	11.079	95	63081	43.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.300%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	208	0.230	ug/l #	42
11) Tert butyl alcohol	2.947	59	673	3.606	ug/l #	72
16) Acetone	2.392	43	578	1.051	ug/l #	89
20) Methylene Chloride	2.794	84	249	Below Cal	#	57
31) Cyclohexane	5.556	56	2503	1.312	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9613	5.465	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12636	6.476	ug/l #	17
44) Trichloroethene	7.141	130	357	0.258	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	737	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33805	23.086	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33805	75.042	ug/l #	6

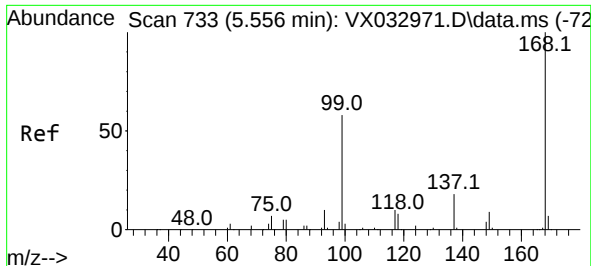
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
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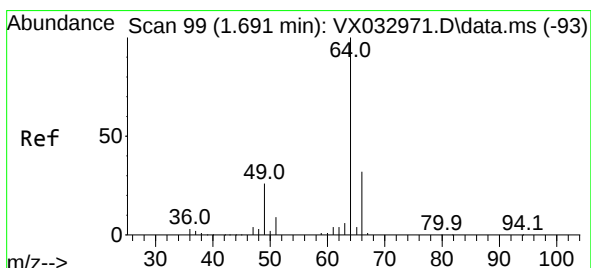
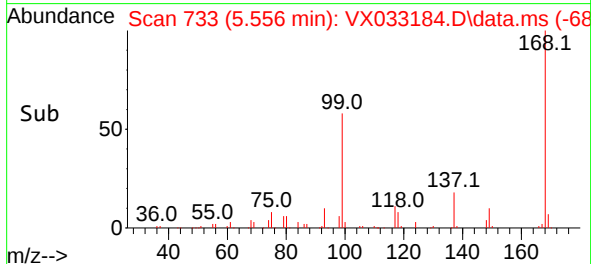
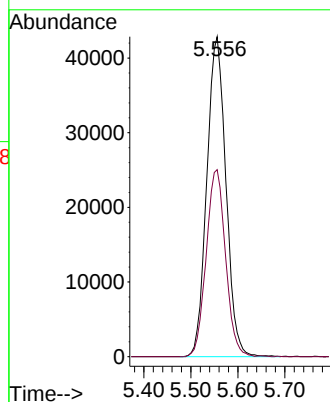
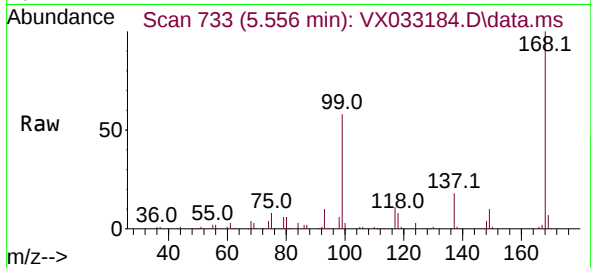




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

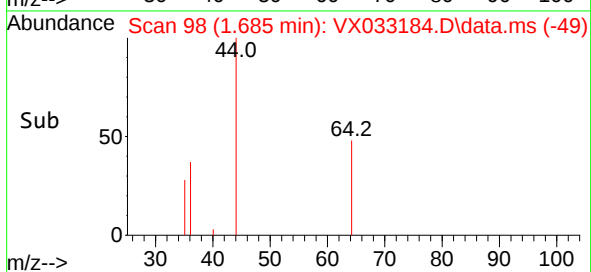
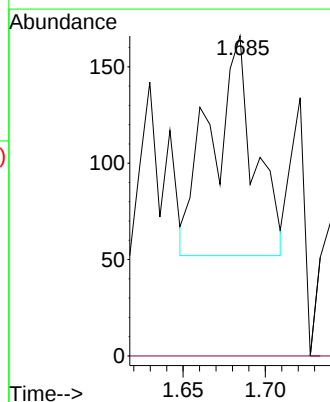
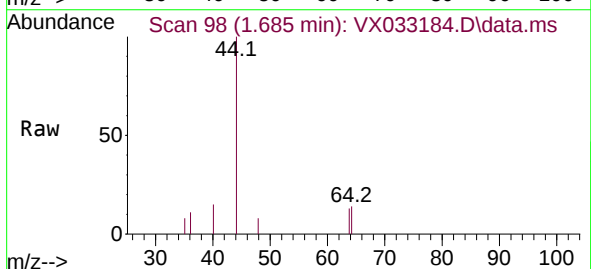
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

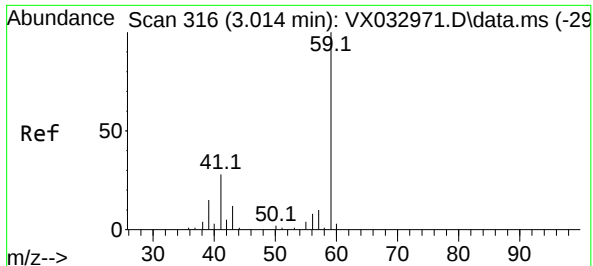
Tgt Ion:168 Resp: 120910
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#6
Chloroethane
Concen: 0.230 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 3.606 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

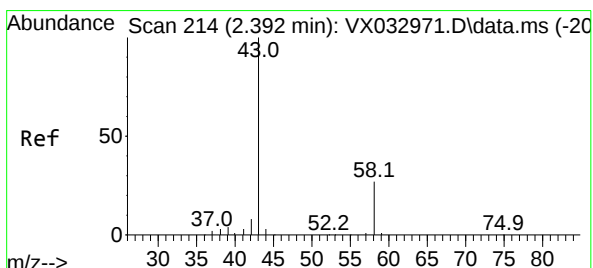
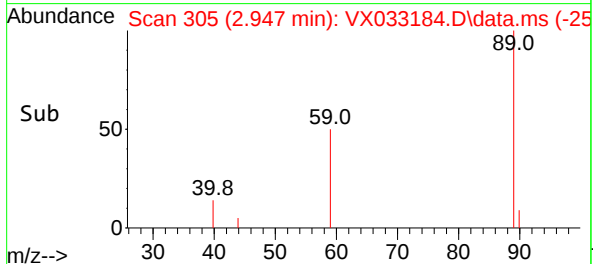
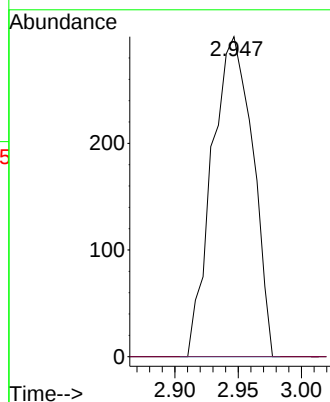
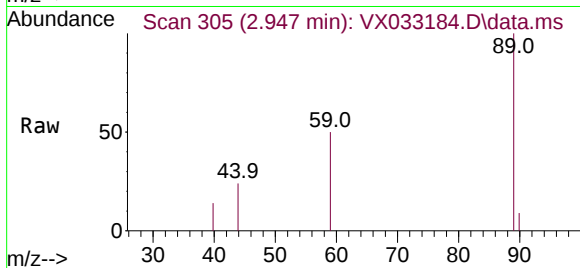
TB-2022-12-1

Tgt Ion: 59 Resp: 673

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.051 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033184.D

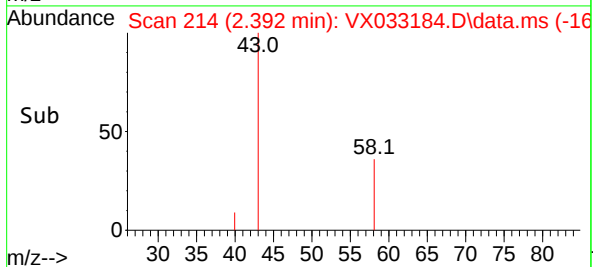
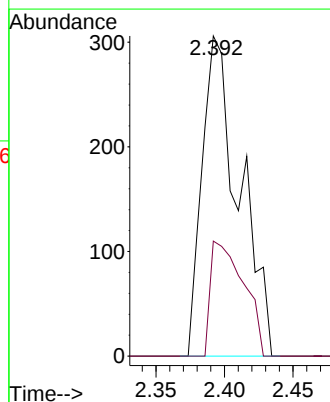
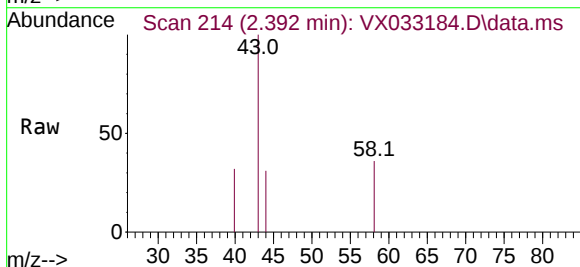
Acq: 02 Dec 2022 14:39

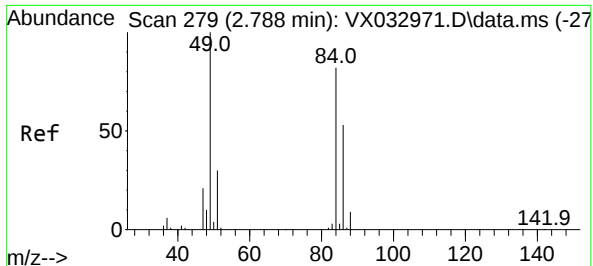
Tgt Ion: 43 Resp: 578

Ion Ratio Lower Upper

43 100

58 35.9 23.8 35.8#

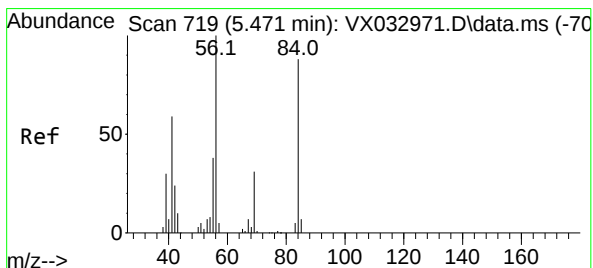
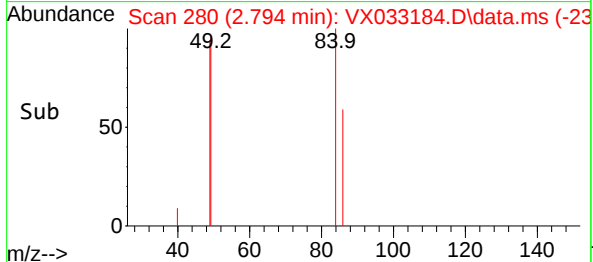
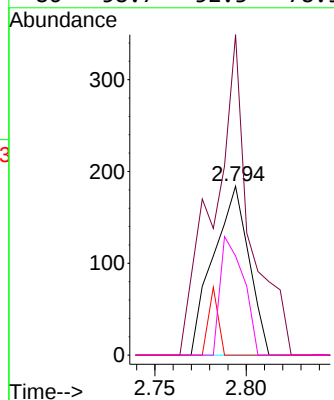
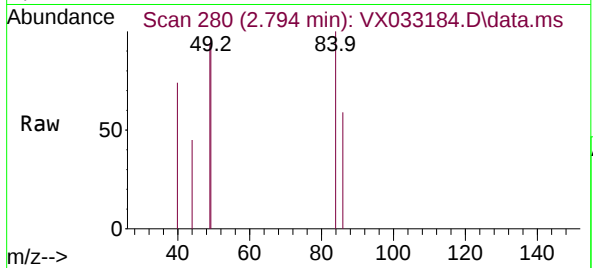




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

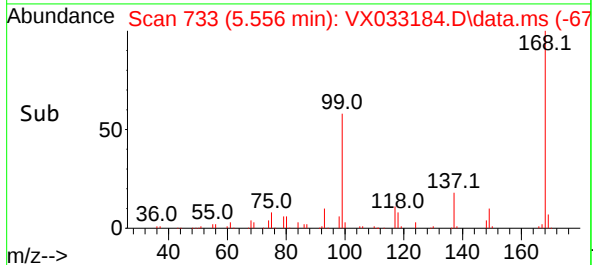
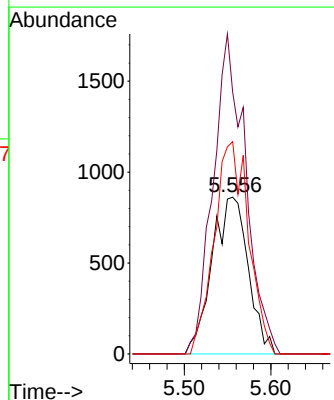
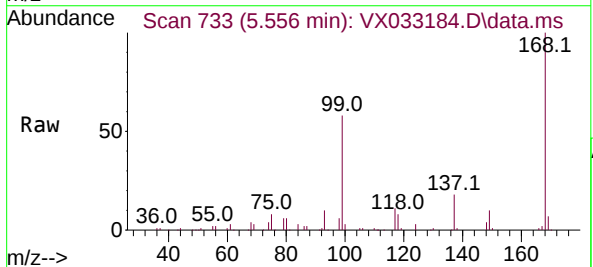
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

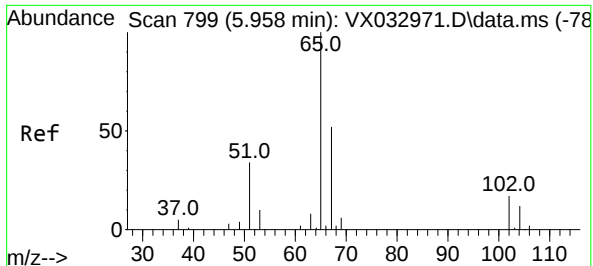
Tgt Ion:	84	Resp:	249
Ion	Ratio	Lower	Upper
84	100		
49	189.7	101.0	151.6#
51	0.0	31.1	46.7#
86	58.7	52.3	78.5



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion:	56	Resp:	2503
Ion	Ratio	Lower	Upper
56	100		
69	167.1	24.1	36.1#
84	135.5	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 56.763 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

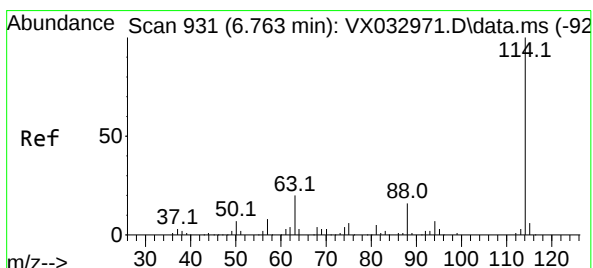
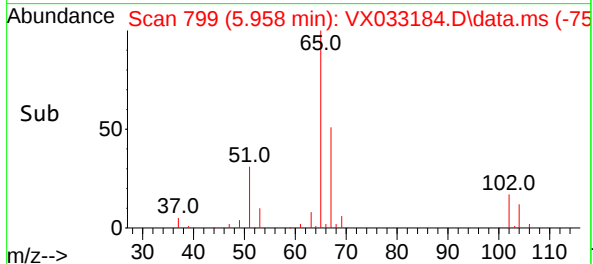
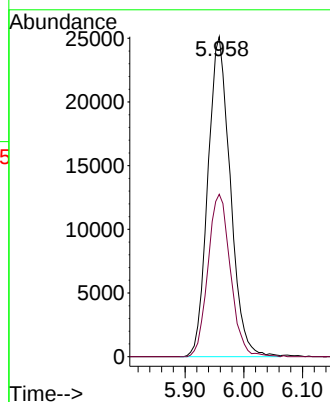
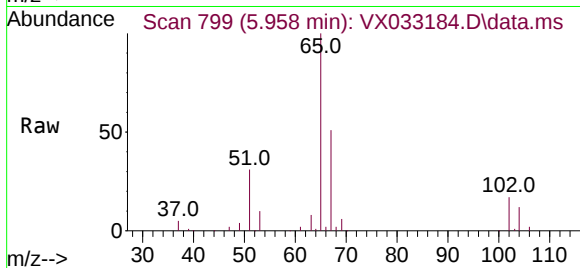
TB-2022-12-1

Tgt Ion: 65 Resp: 66563

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: VX033184.D

Acq: 02 Dec 2022 14:39

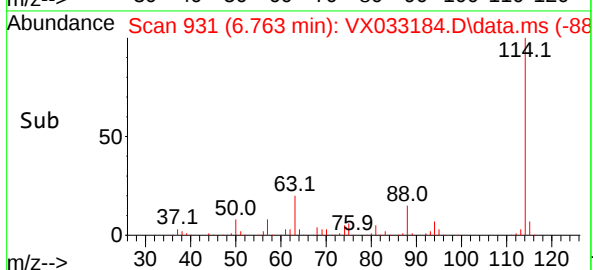
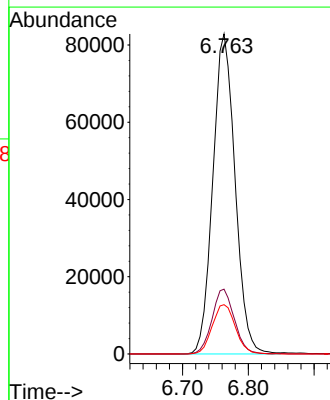
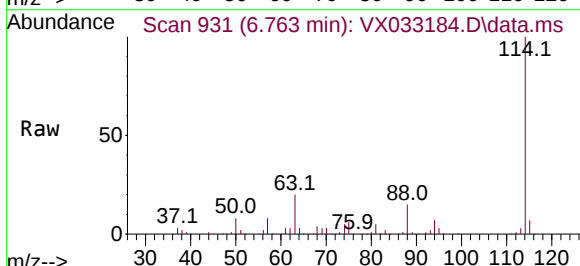
Tgt Ion: 114 Resp: 195123

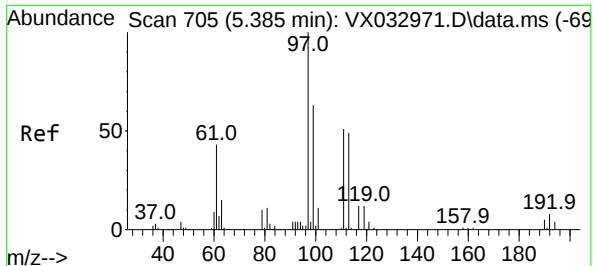
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.961 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-12-1

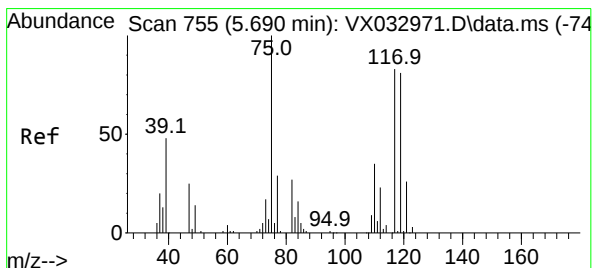
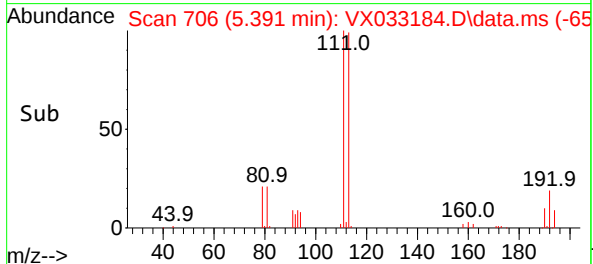
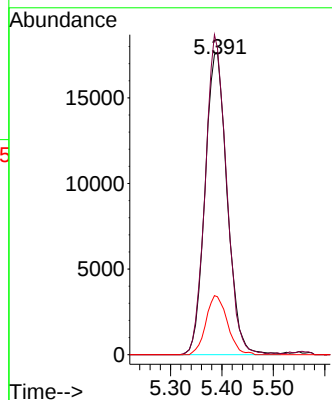
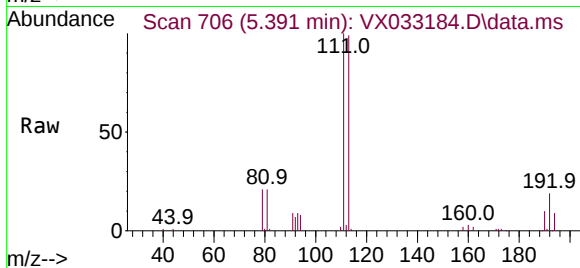
Tgt Ion:113 Resp: 52759

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.465 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

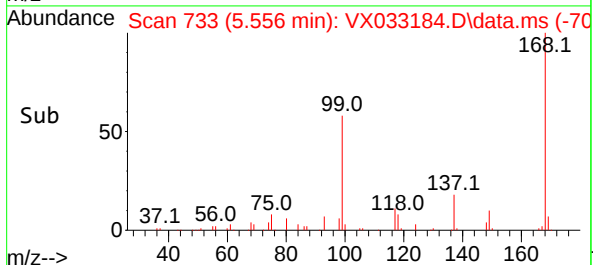
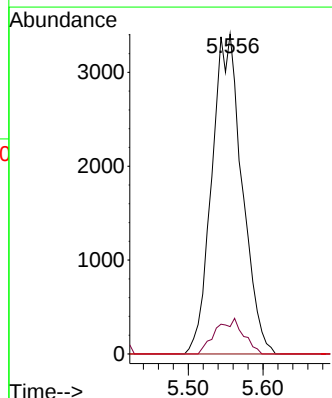
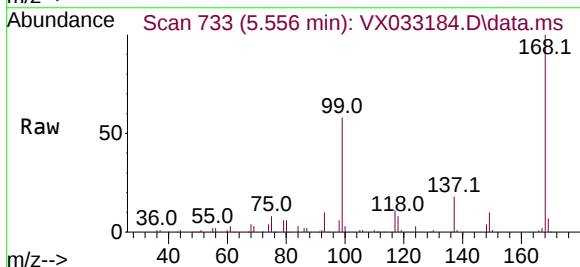
Tgt Ion: 75 Resp: 9613

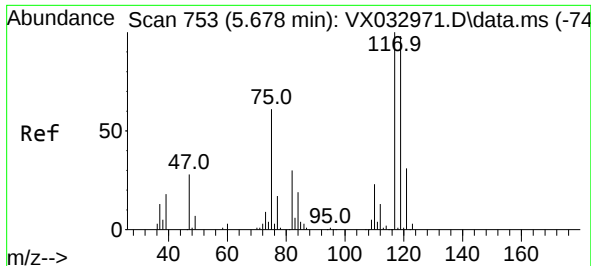
Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.2#

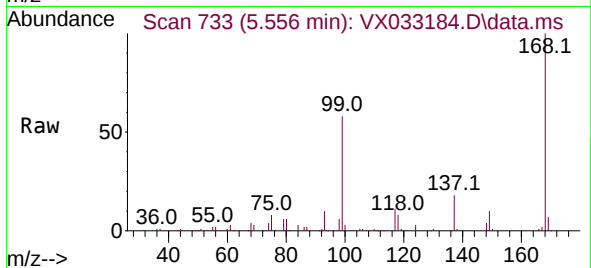
77 0.0 24.5 36.7#



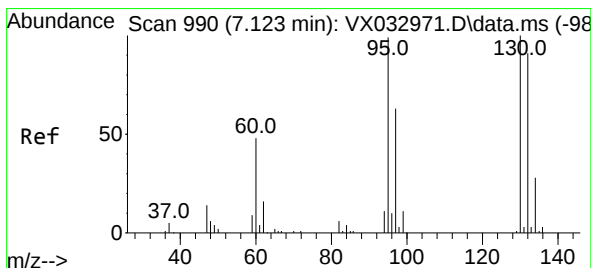
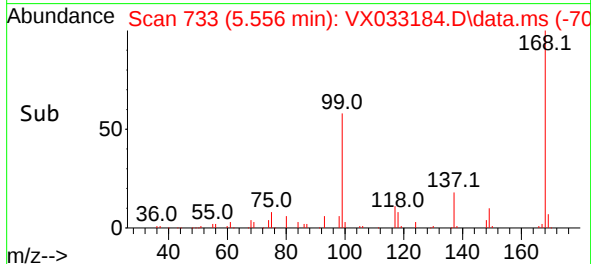
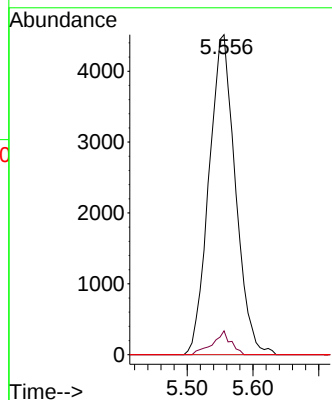


#38
Carbon Tetrachloride
Concen: 6.476 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

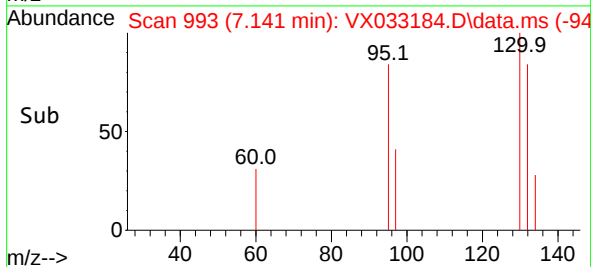
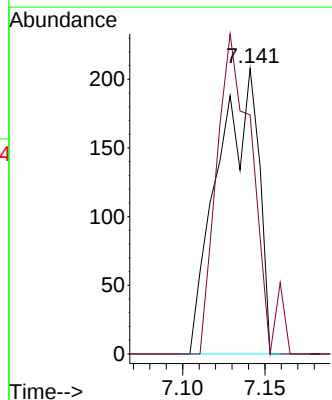
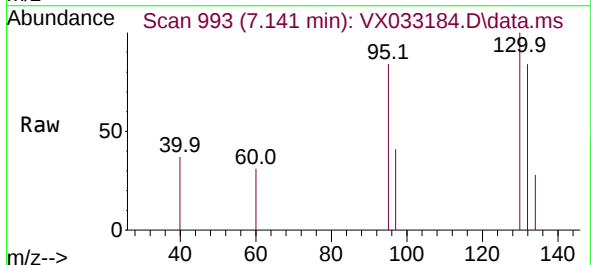


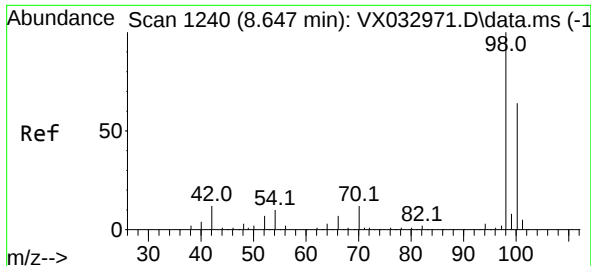
Tgt Ion:117 Resp: 12636
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 0.258 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion:130 Resp: 357
Ion Ratio Lower Upper
130 100
95 83.7 0.0 195.2

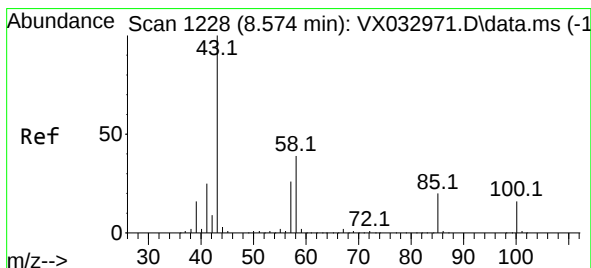
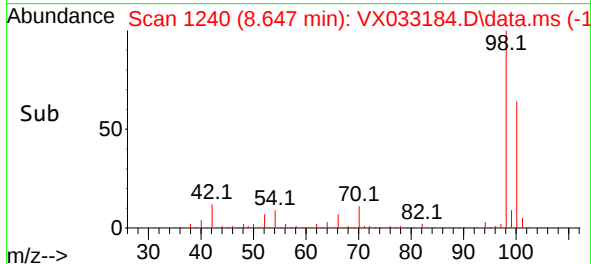
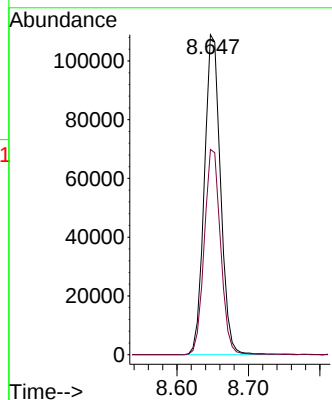
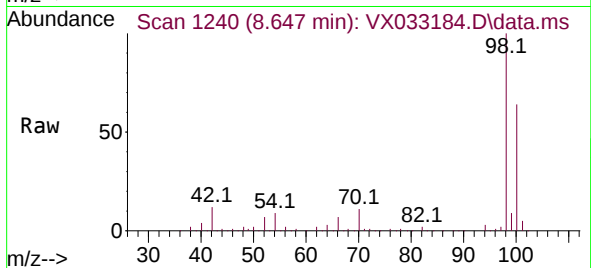




#50
Toluene-d8
Concen: 51.773 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

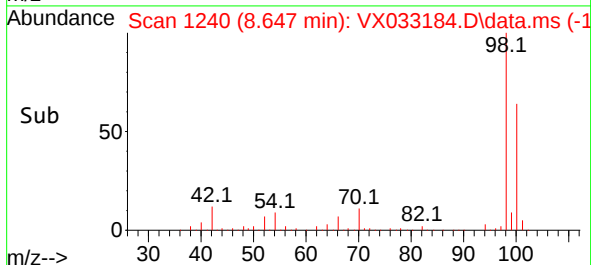
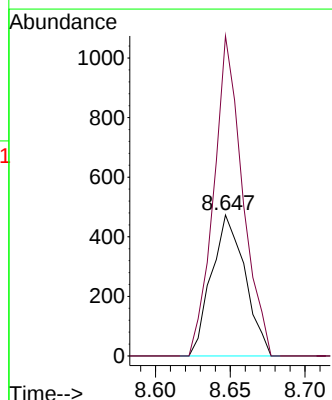
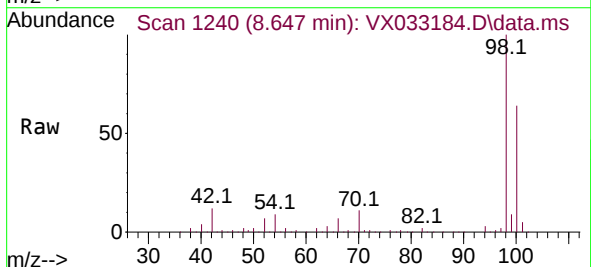
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-1

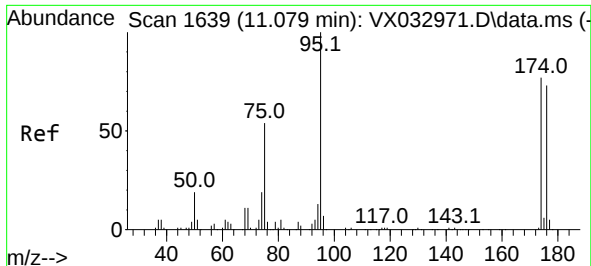
Tgt Ion: 98 Resp: 171105
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033184.D
Acq: 02 Dec 2022 14:39

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 195.7 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 43.655 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033184.D

Acq: 02 Dec 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-12-1

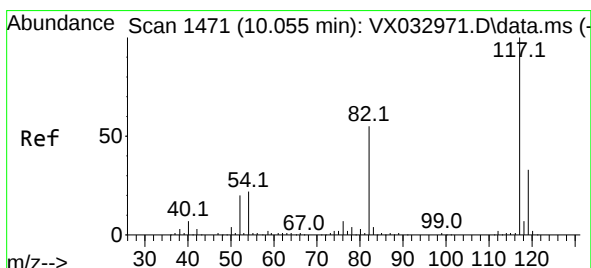
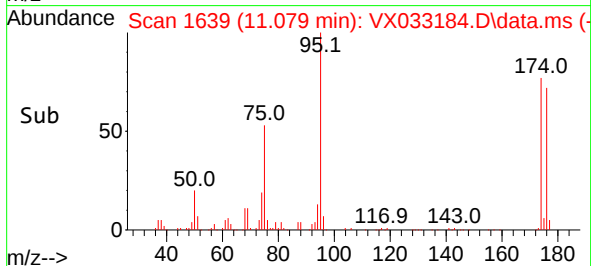
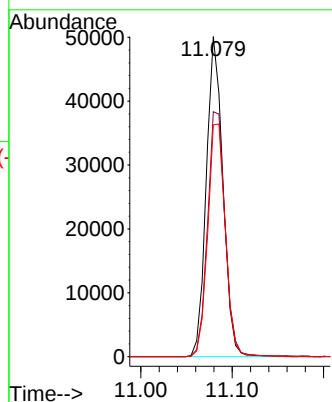
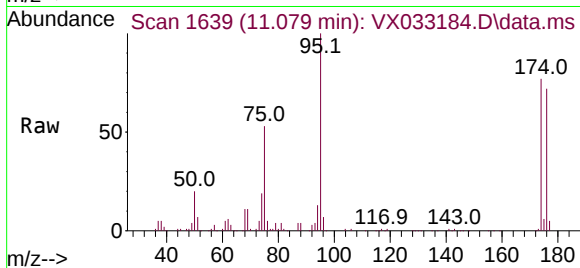
Tgt Ion: 95 Resp: 63081

Ion Ratio Lower Upper

95 100

174 81.2 0.0 164.0

176 77.1 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: VX033184.D

Acq: 02 Dec 2022 14:39

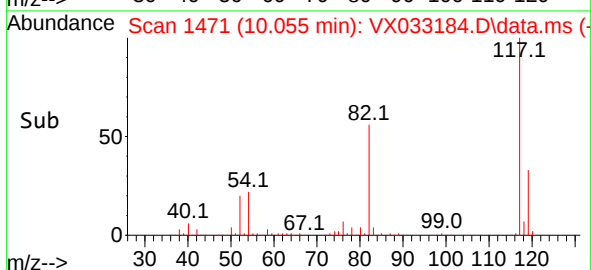
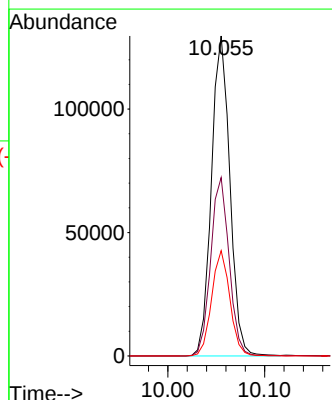
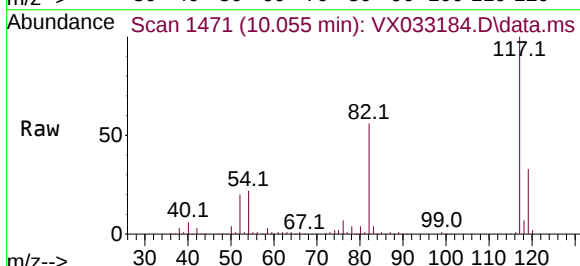
Tgt Ion: 117 Resp: 172186

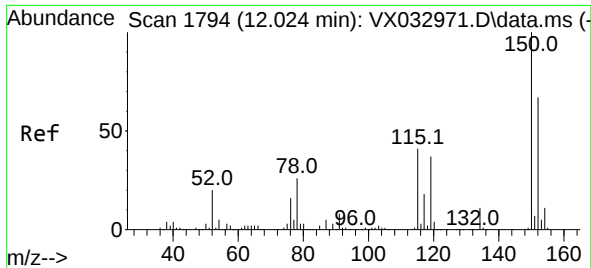
Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

119 32.9 25.7 38.5

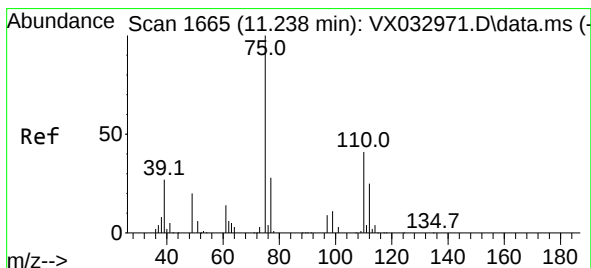
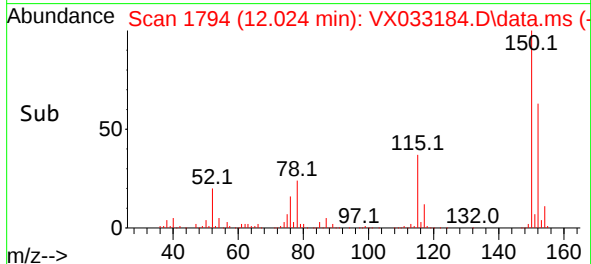
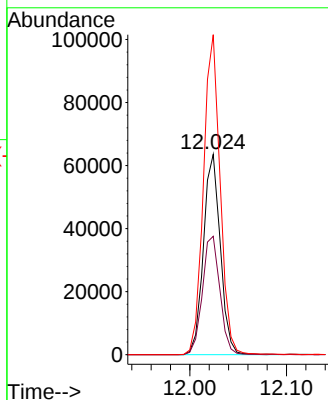
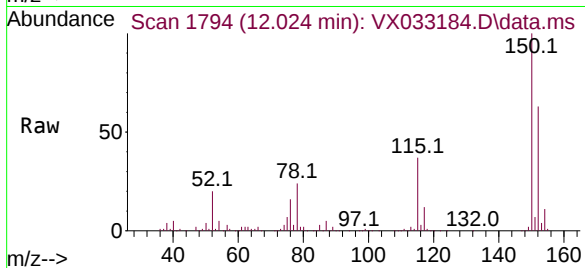




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033184.D
 Acq: 02 Dec 2022 14:39

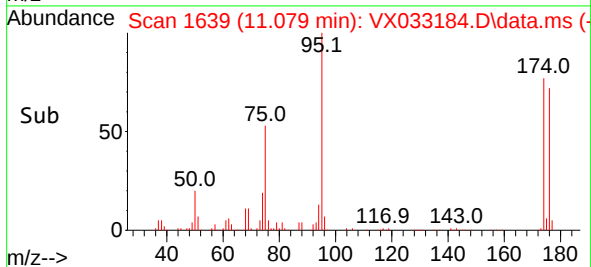
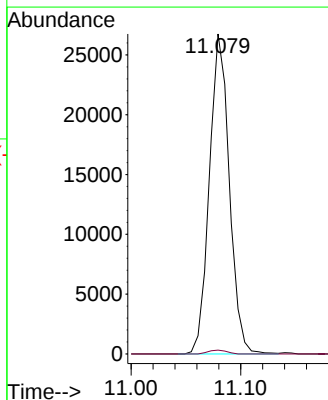
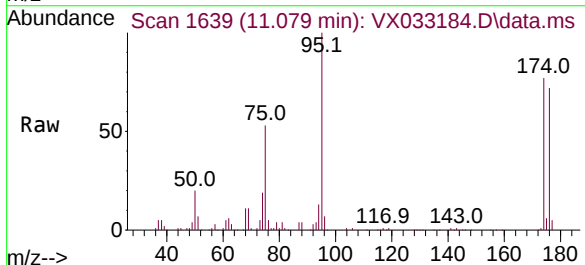
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-12-1

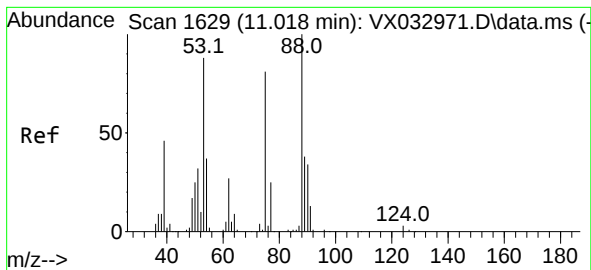
Tgt Ion:152 Resp: 77318
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.0 132.0
 150 158.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 23.086 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033184.D
 Acq: 02 Dec 2022 14:39

Tgt Ion: 75 Resp: 33805
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.042 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033184.D
 Acq: 02 Dec 2022 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-12-1

Tgt Ion: 75 Resp: 33805
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

