

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032820.D
 Acq On : 15 Nov 2022 14:17
 Operator : JC/MD
 Sample : N5612-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 03:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

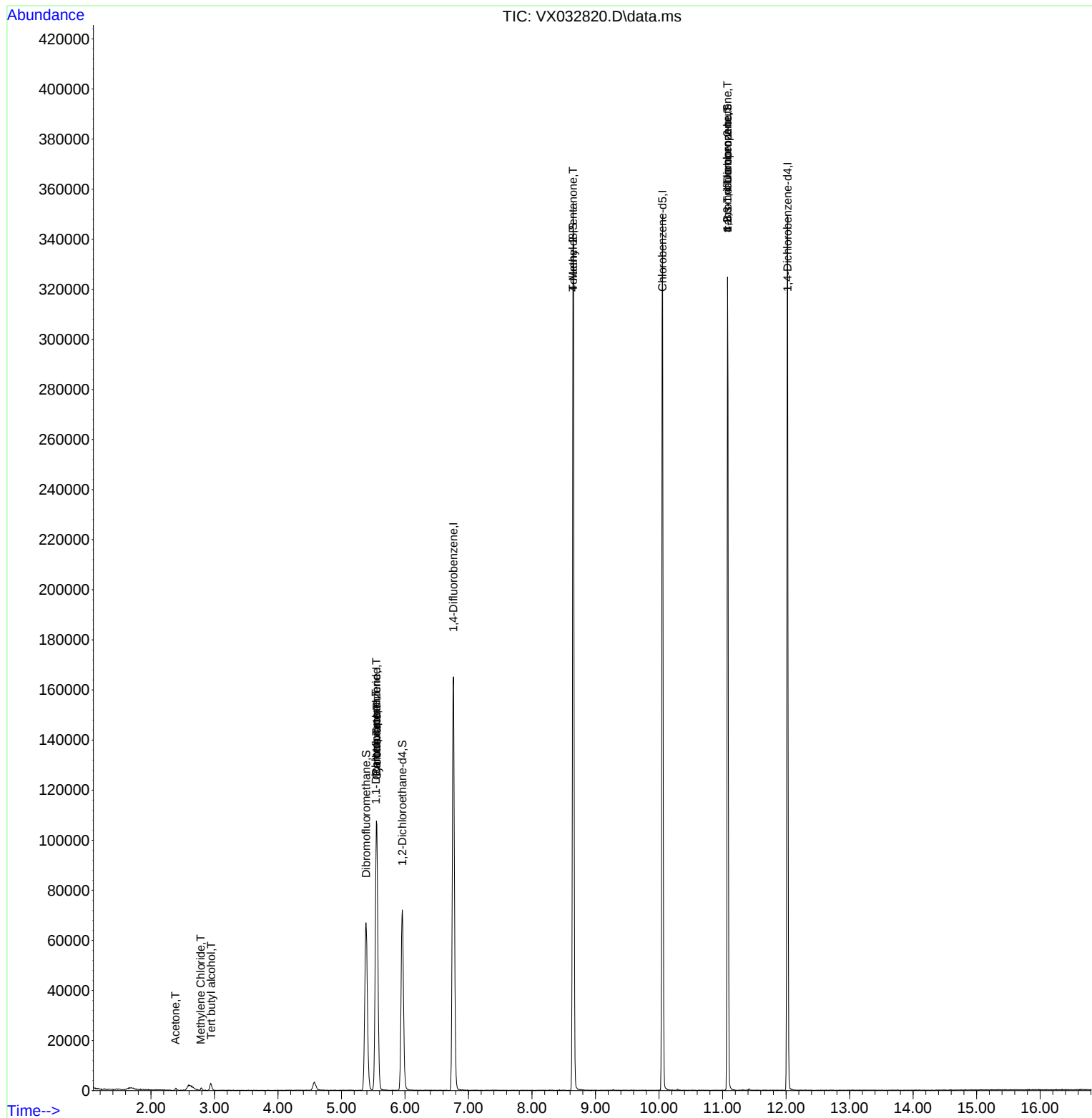
Internal Standards						
1) Pentafluorobenzene	5.550	168	102514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72514	50.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.820%
35) Dibromofluoromethane	5.385	113	58317	48.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.647	98	207686	49.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	79717	48.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1650	7.959	ug/l #	72
16) Acetone	2.386	43	951	1.837	ug/l #	75
20) Methylene Chloride	2.782	84	501	0.422	ug/l #	66
31) Cyclohexane	5.556	56	2037	1.179	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	7858	4.692	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10472	5.637	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	894	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42925	27.158	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42925	86.418	ug/l #	6

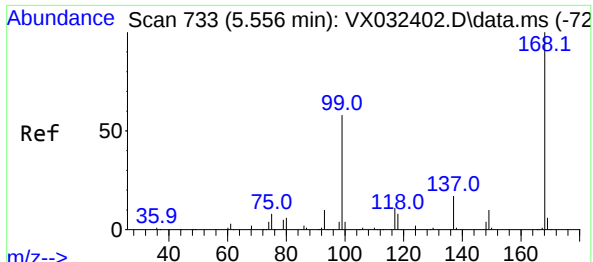
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

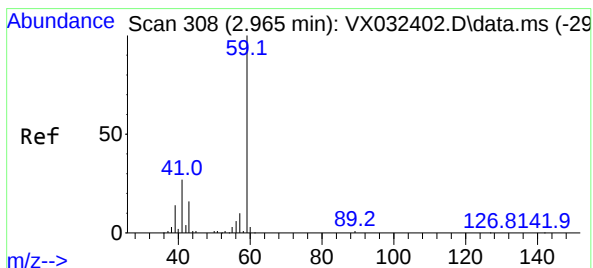
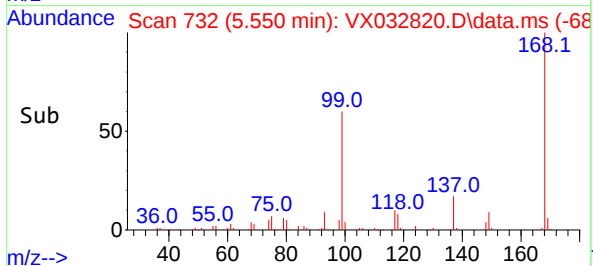
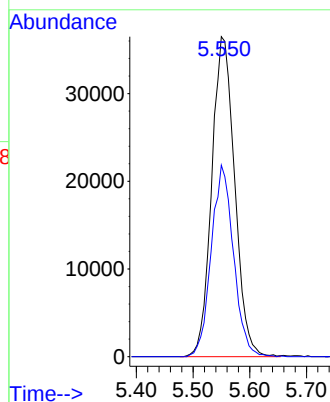
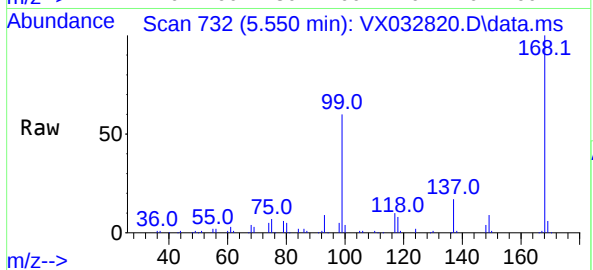




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

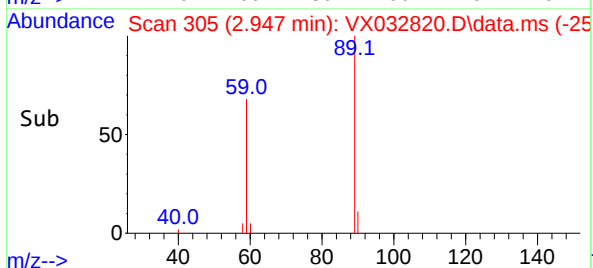
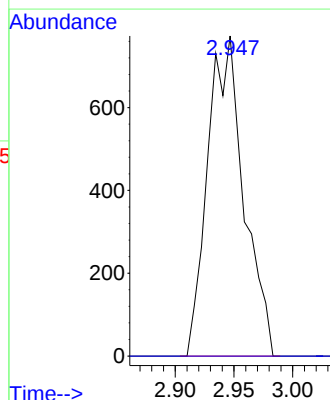
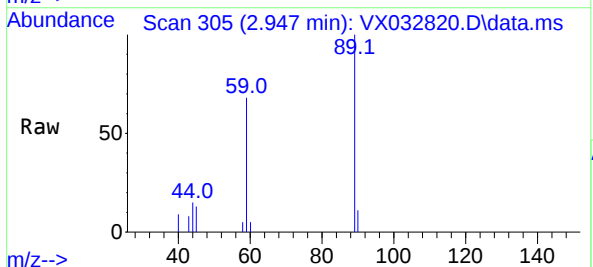
Instrument :
MSVOA_X
ClientSampleId :

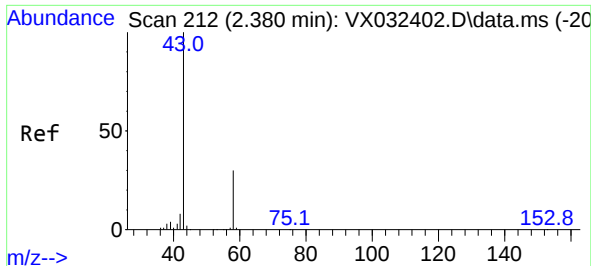
Tgt Ion:168 Resp: 102514
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.959 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

Tgt Ion: 59 Resp: 1650
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

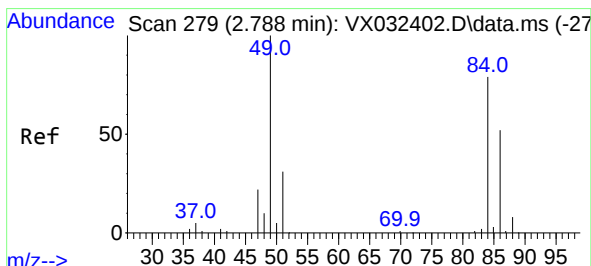
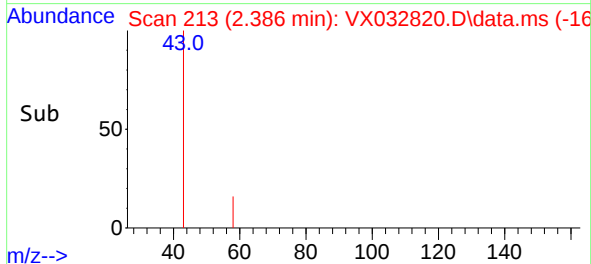
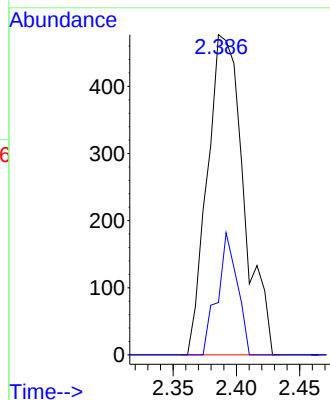
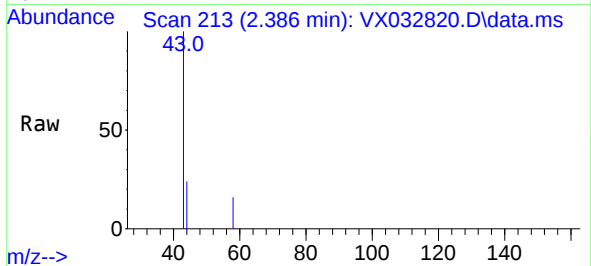




#16
Acetone
Concen: 1.837 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

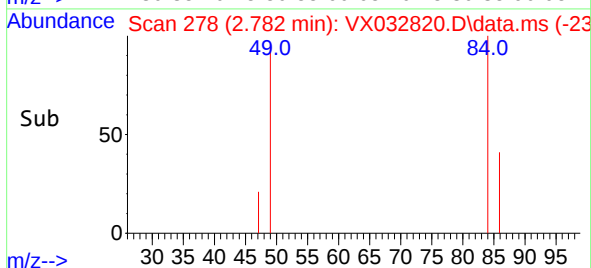
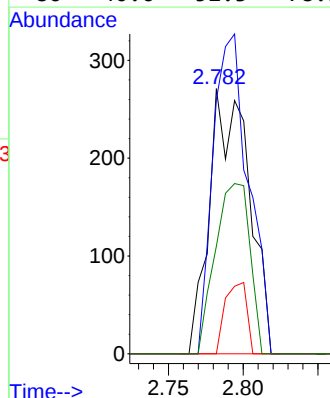
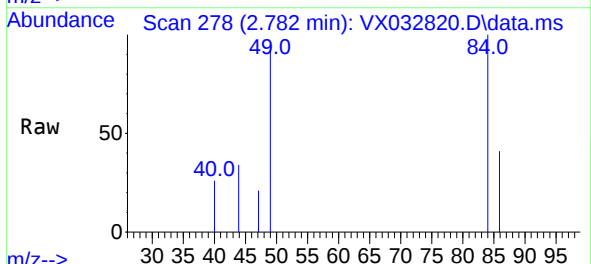
Instrument :
MSVOA_X
ClientSampleId :

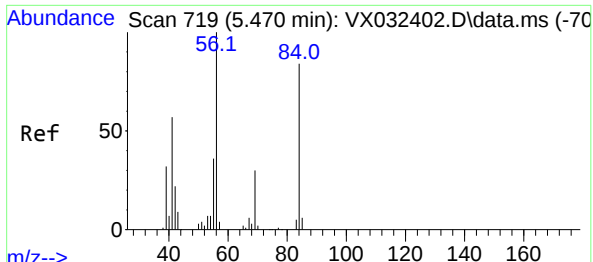
Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 16.4 23.8 35.8#



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

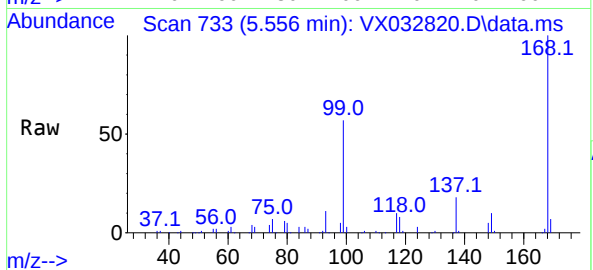
Tgt Ion: 84 Resp: 501
Ion Ratio Lower Upper
84 100
49 95.9 101.0 151.6#
51 0.0 31.1 46.7#
86 40.6 52.3 78.5#



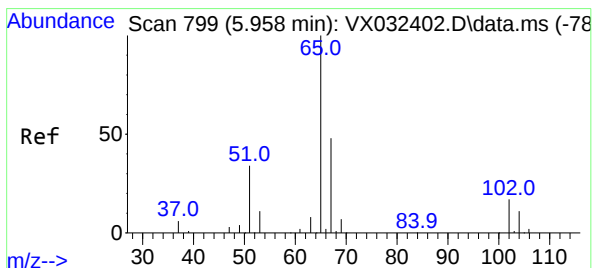
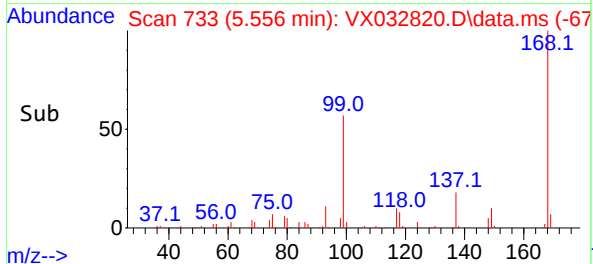
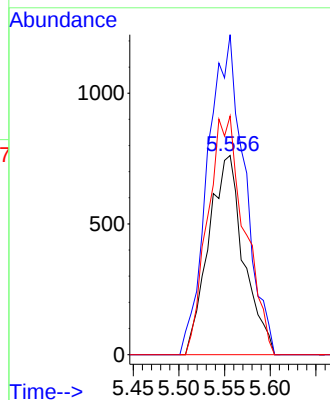


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :

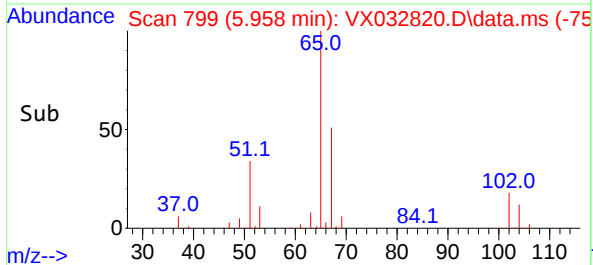
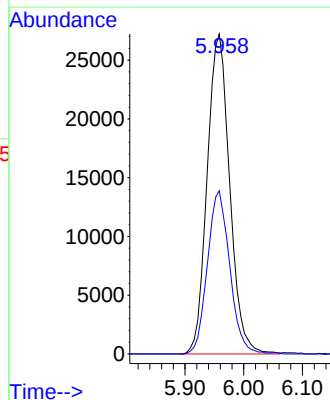
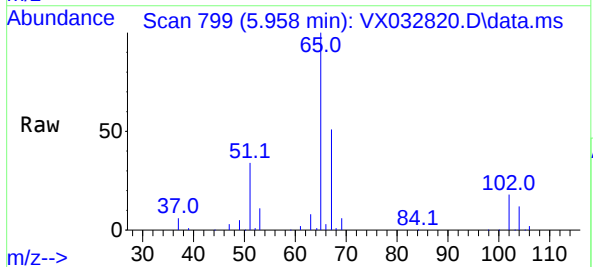


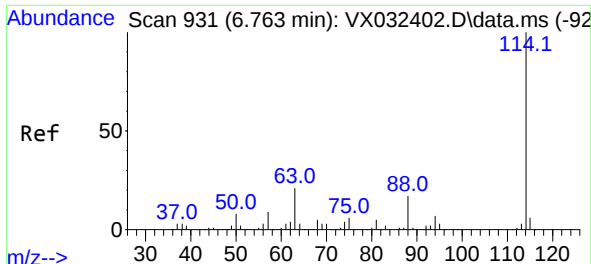
Tgt Ion: 56 Resp: 2037
Ion Ratio Lower Upper
56 100
69 160.6 24.1 36.1#
84 119.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.908 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

Tgt Ion: 65 Resp: 72514
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

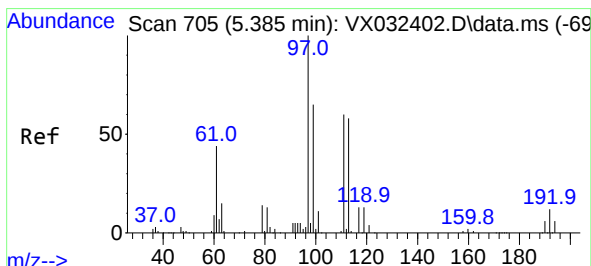
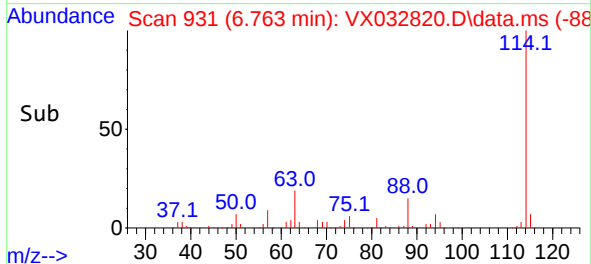
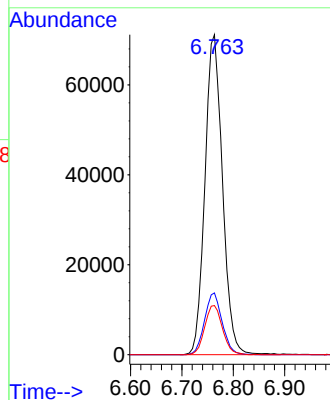
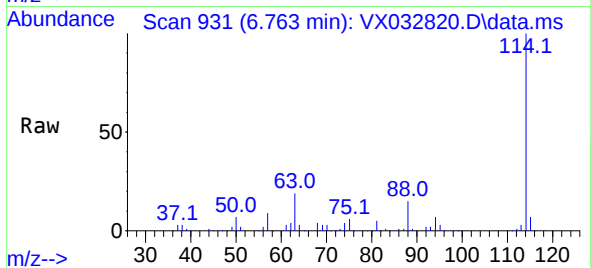




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

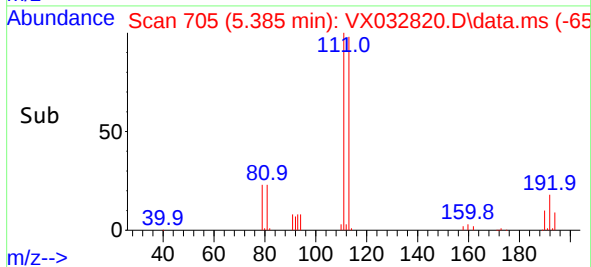
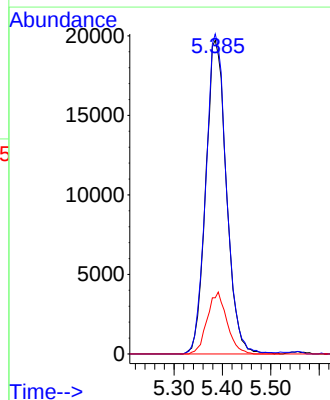
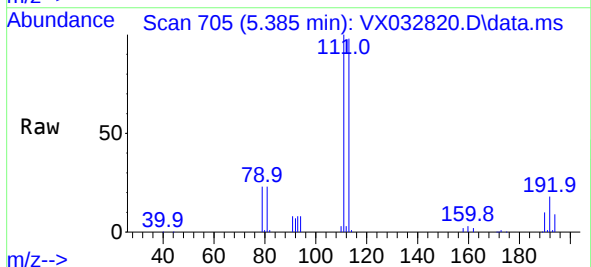
Instrument :
MSVOA_X
ClientSampleId :

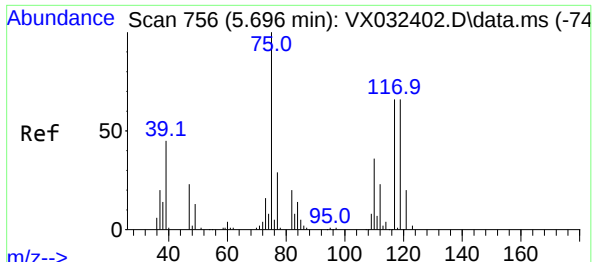
Tgt Ion:114 Resp: 168607
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.489 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

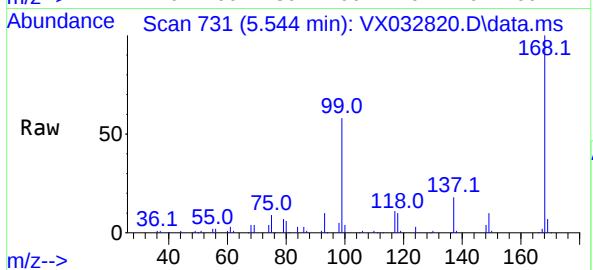
Tgt Ion:113 Resp: 58317
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.9 15.4 23.2



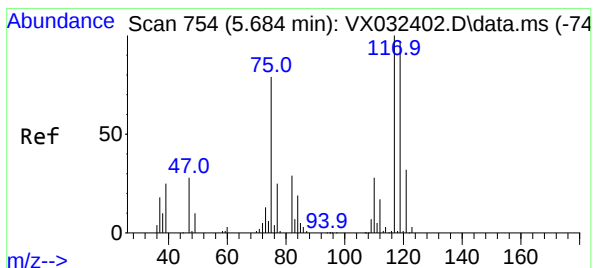
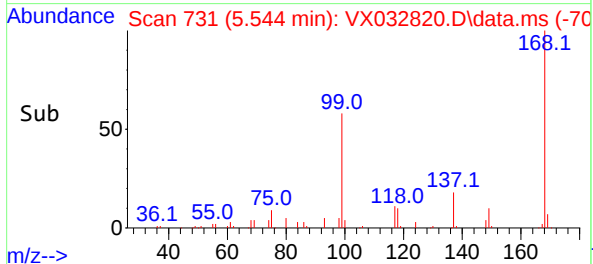
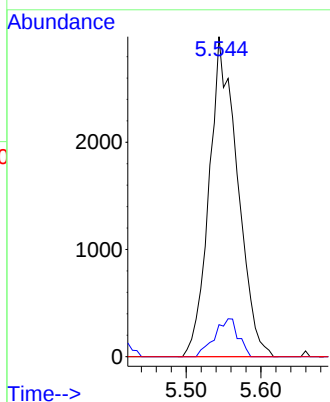


#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :

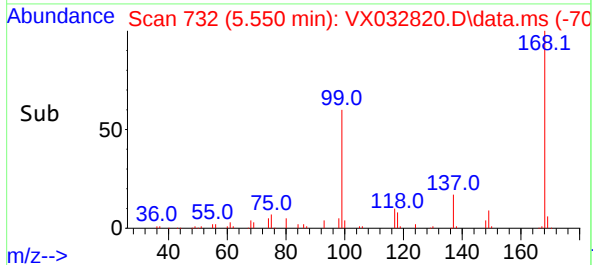
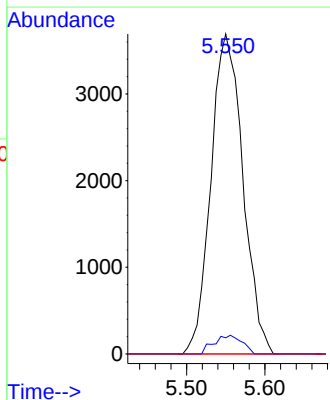
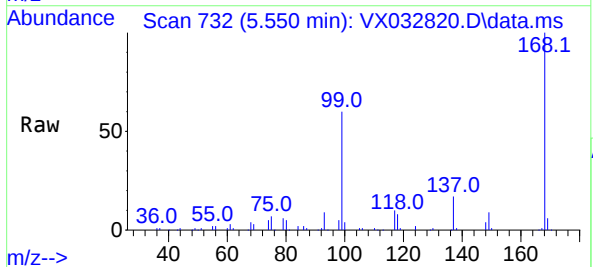


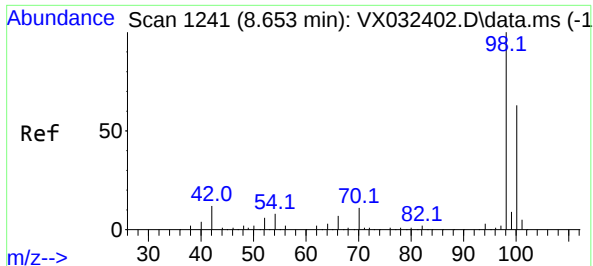
Tgt Ion: 75 Resp: 7858
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

Tgt Ion: 117 Resp: 10472
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.662 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032820.D

Acq: 15 Nov 2022 14:17

Instrument :

MSVOA_X

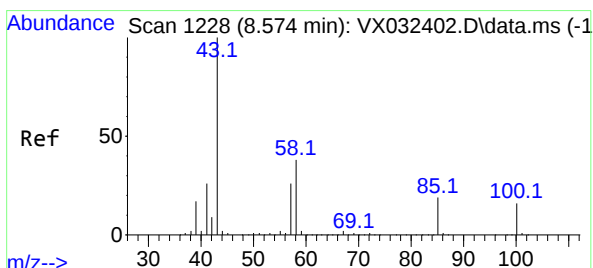
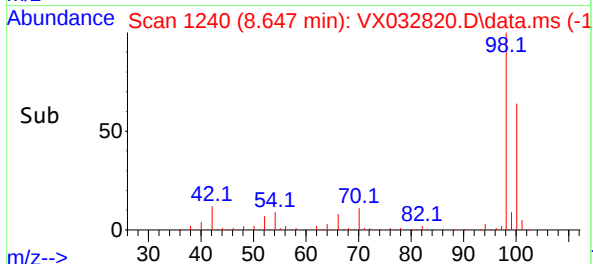
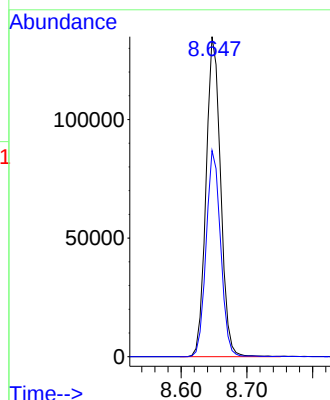
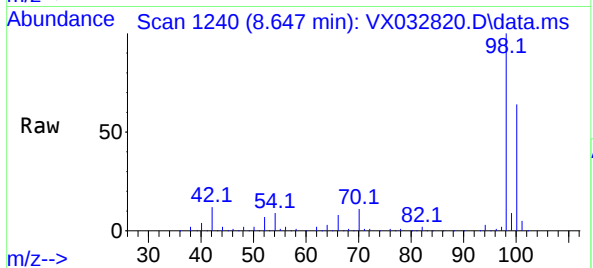
ClientSampleId :

Tgt Ion: 98 Resp: 207686

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.530 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032820.D

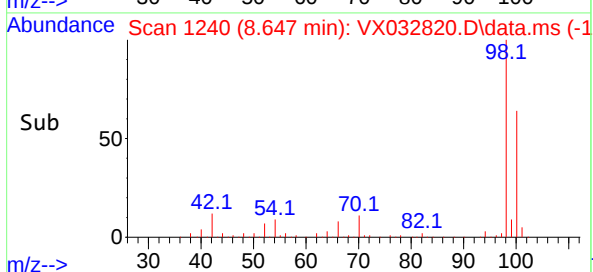
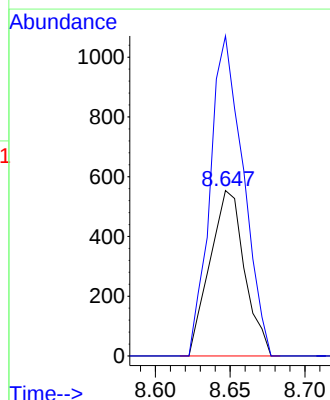
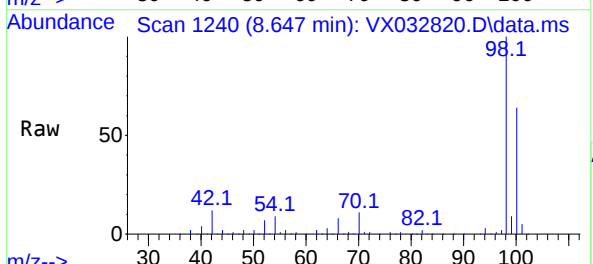
Acq: 15 Nov 2022 14:17

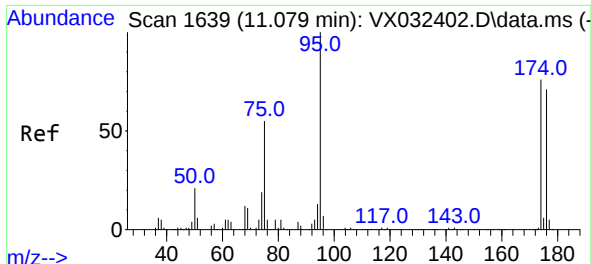
Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

58 184.6 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 48.799 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032820.D

Acq: 15 Nov 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

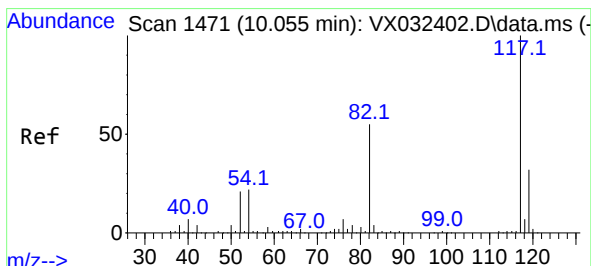
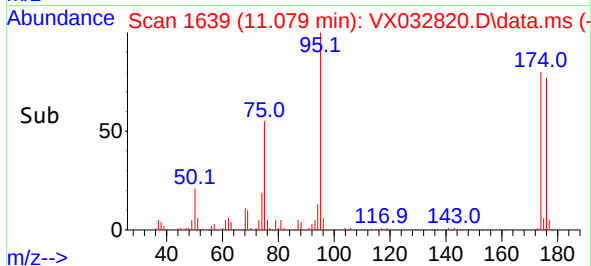
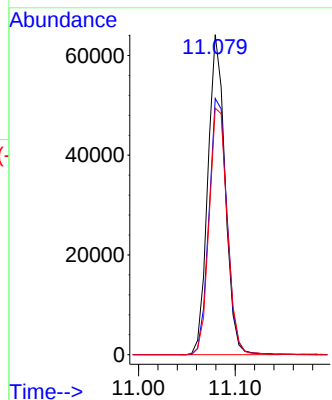
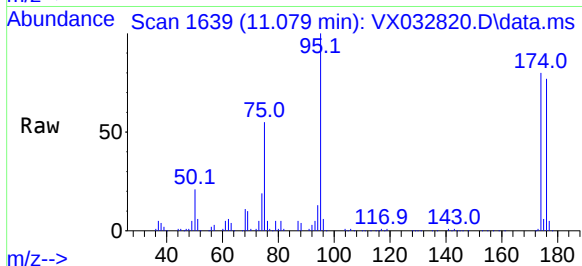
Tgt Ion: 95 Resp: 79717

Ion Ratio Lower Upper

95 100

174 84.0 0.0 164.0

176 81.0 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: VX032820.D

Acq: 15 Nov 2022 14:17

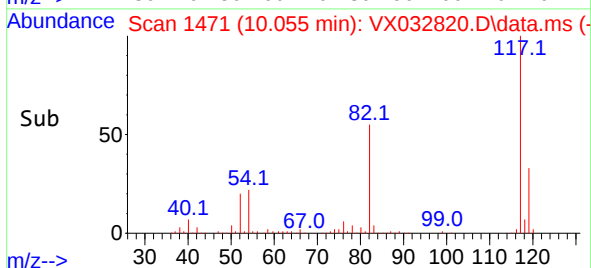
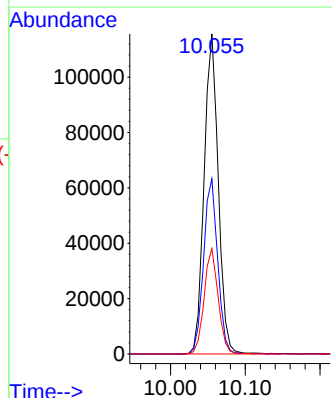
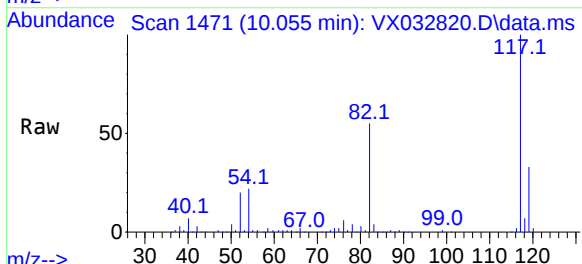
Tgt Ion: 117 Resp: 152068

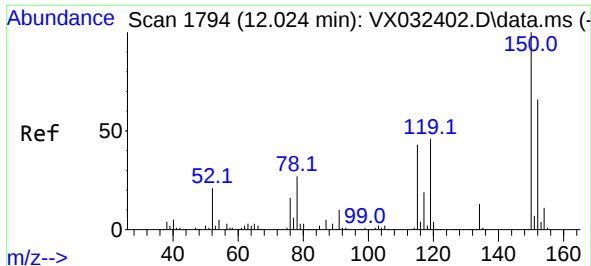
Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

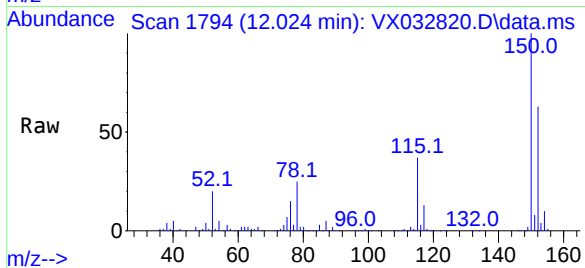
119 32.9 25.7 38.5



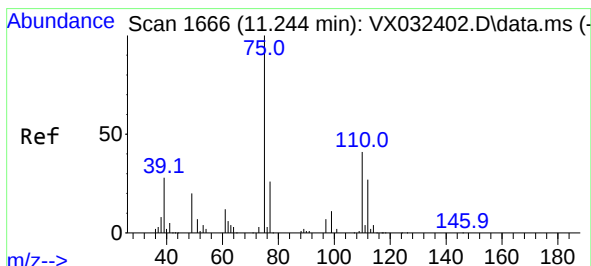
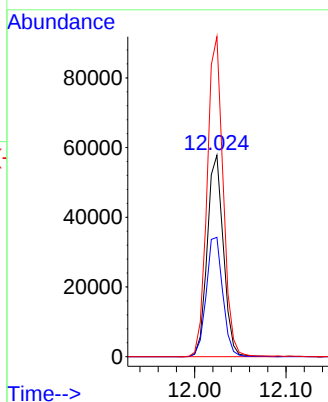
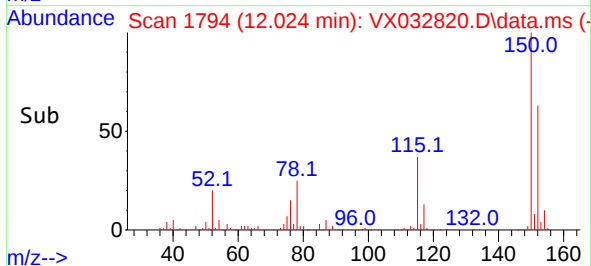


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :

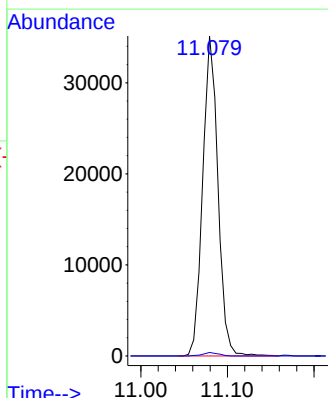
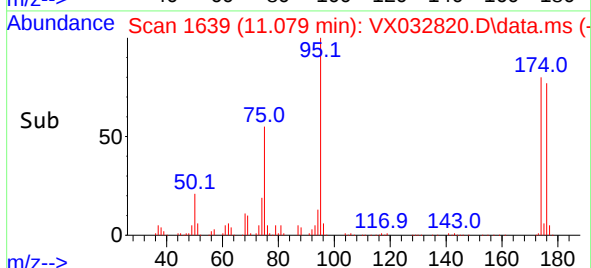
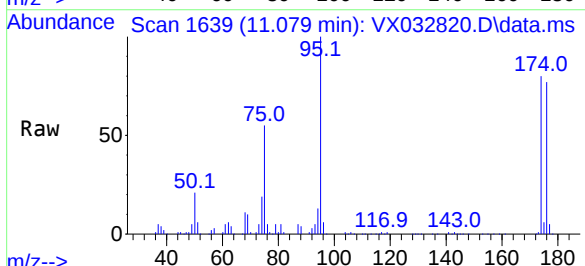


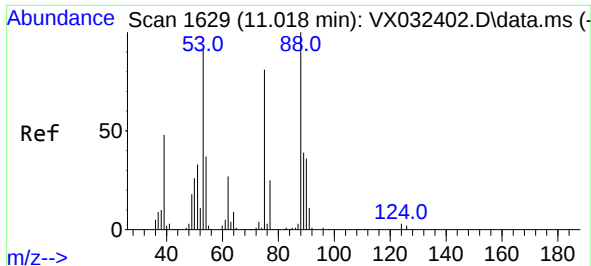
Tgt Ion:152 Resp: 71044
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 157.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032820.D
Acq: 15 Nov 2022 14:17

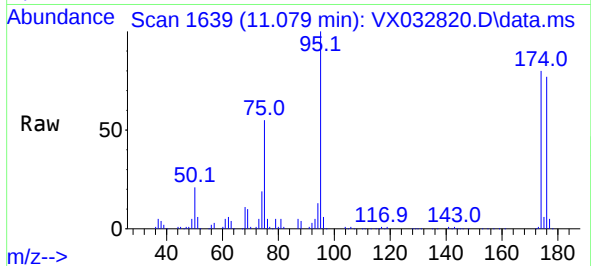
Tgt Ion: 75 Resp: 42925
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.418 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032820.D
 Acq: 15 Nov 2022 14:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 42925
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

