

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032459.D
 Acq On : 28 Oct 2022 15:02
 Operator : JC/MD
 Sample : N5357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5051-1

Quant Time: Oct 29 04:32:48 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)

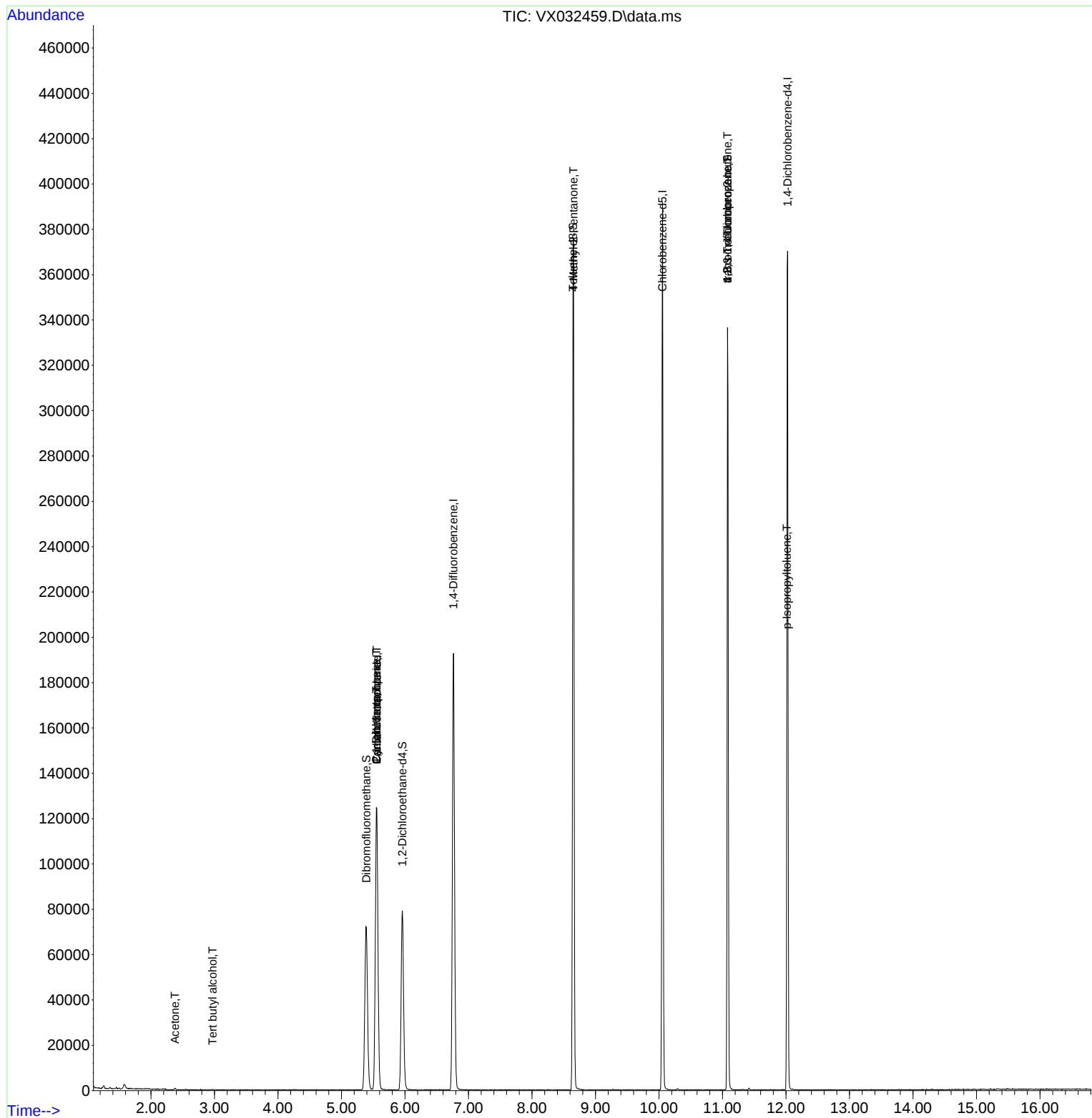
Internal Standards						
1) Pentafluorobenzene	5.556	168	117566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78921	48.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.391	113	63057	45.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	8.647	98	229477	47.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	83974	44.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	242	1.018	ug/l #	72
16) Acetone	2.380	43	774	1.304	ug/l #	82
31) Cyclohexane	5.550	56	2630	1.328	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9147	4.769	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12226	5.747	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1180	0.611	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46693	27.044	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46693	86.054	ug/l #	6
86) p-Isopropyltoluene	12.012	119	1572	0.293	ug/l #	81

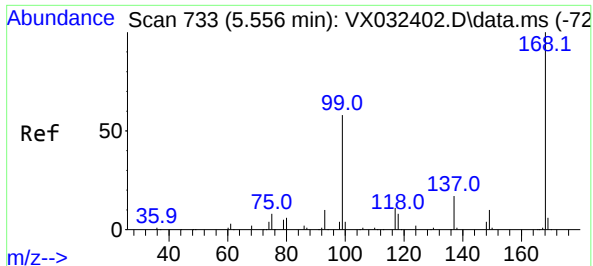
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
5051-1

Quant Time: Oct 29 04:32:48 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

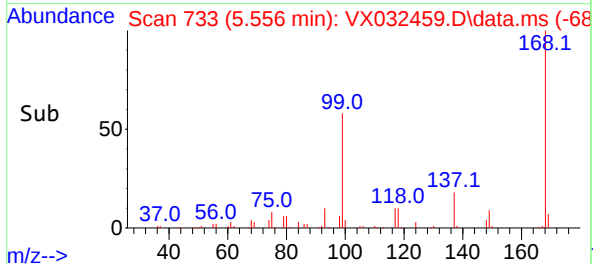
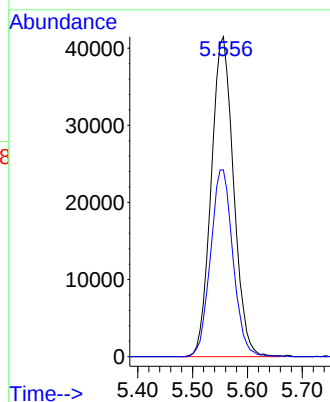
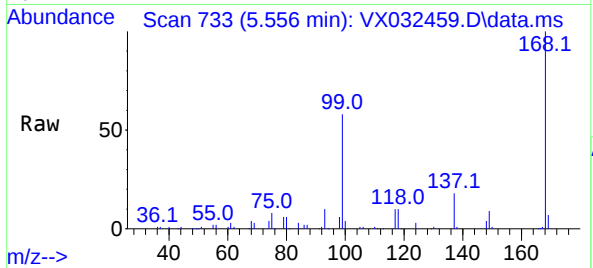




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

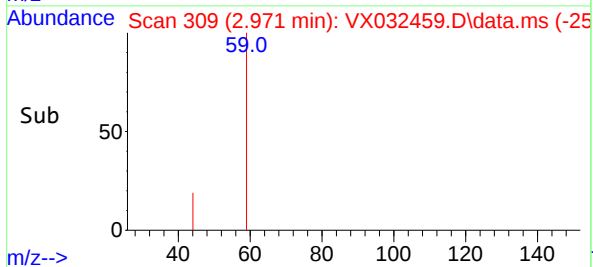
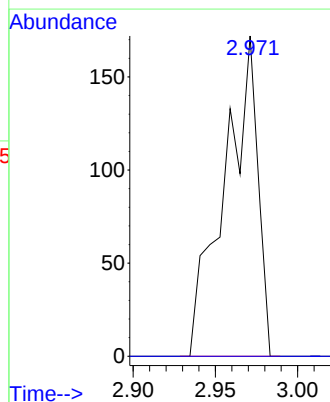
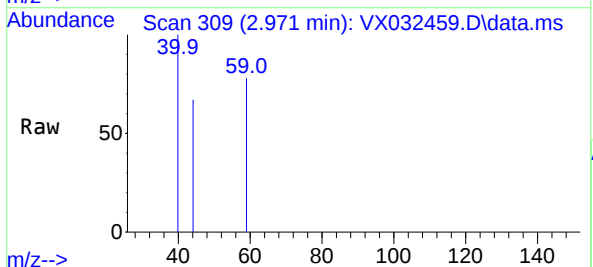
Instrument :
MSVOA_X
ClientSampleId :
5051-1

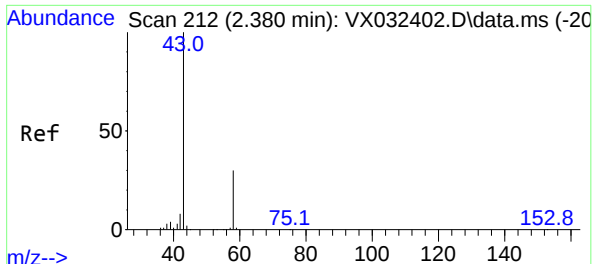
Tgt Ion:168 Resp: 117566
Ion Ratio Lower Upper
168 100
99 58.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.018 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

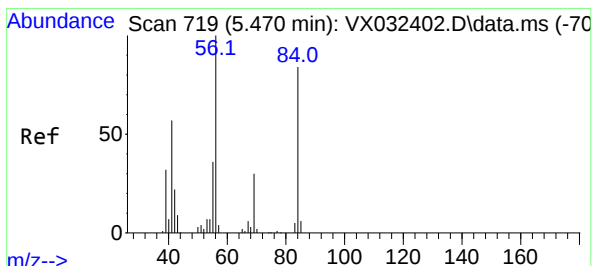
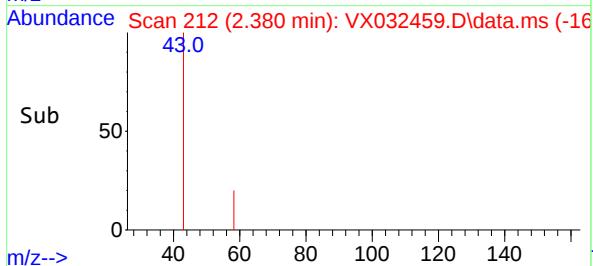
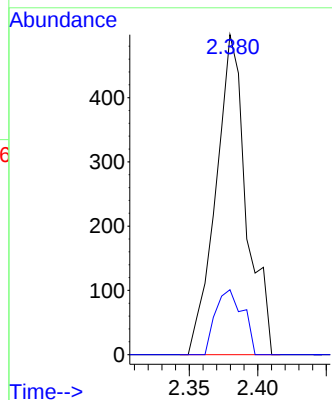
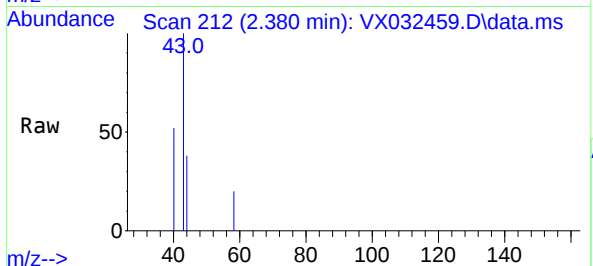




#16
Acetone
Concen: 1.304 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

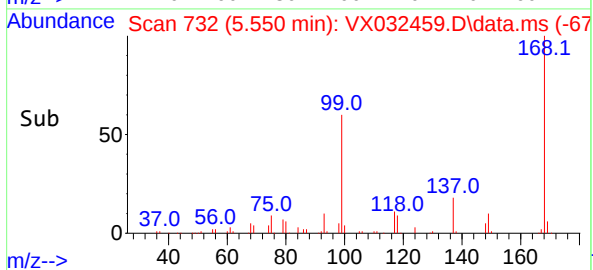
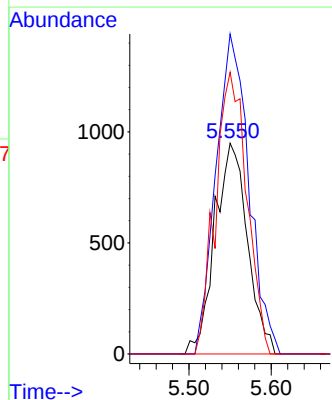
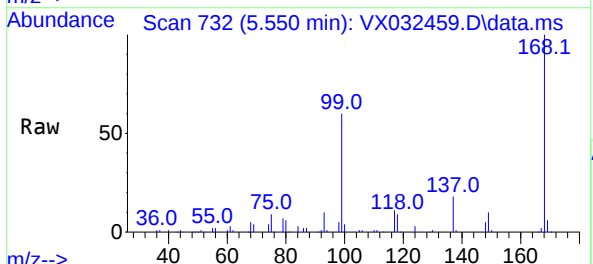
Instrument :
MSVOA_X
ClientSampleId :
5051-1

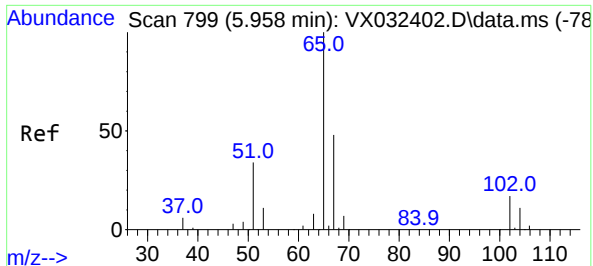
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 20.3 23.8 35.8#



#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 56 Resp: 2630
Ion Ratio Lower Upper
56 100
69 151.8 24.1 36.1#
84 133.7 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.313 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032459.D

Acq: 28 Oct 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

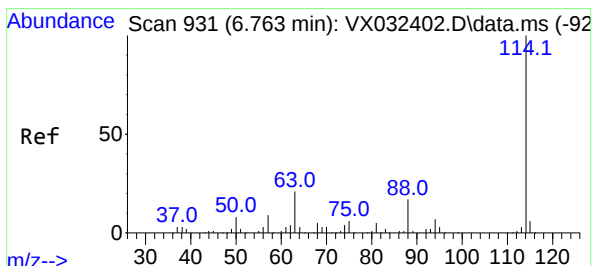
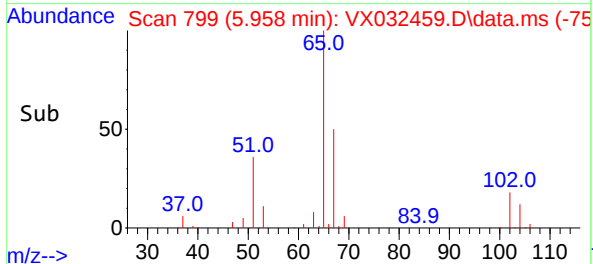
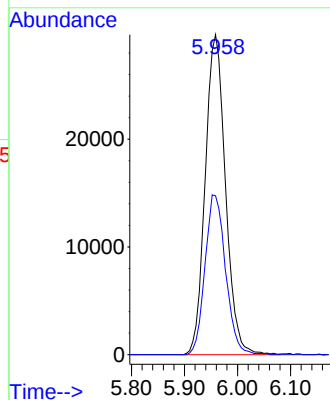
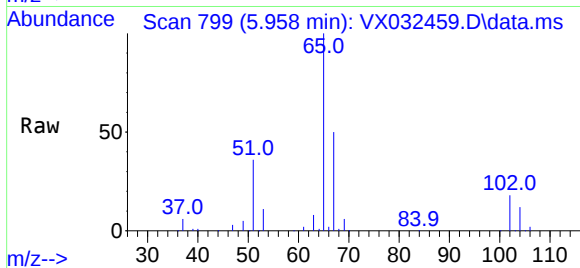
5051-1

Tgt Ion: 65 Resp: 78921

Ion Ratio Lower Upper

65 100

67 50.8 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: VX032459.D

Acq: 28 Oct 2022 15:02

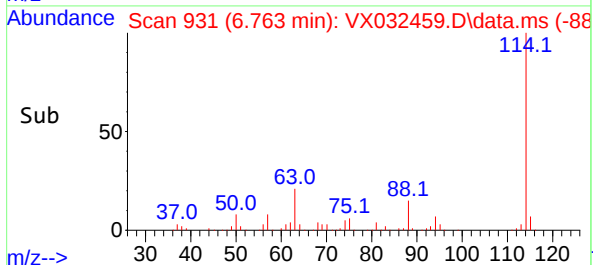
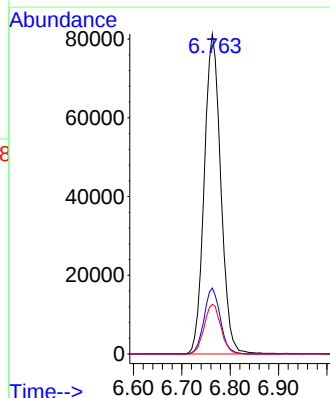
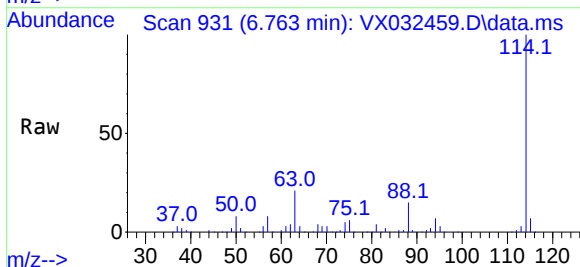
Tgt Ion: 114 Resp: 193102

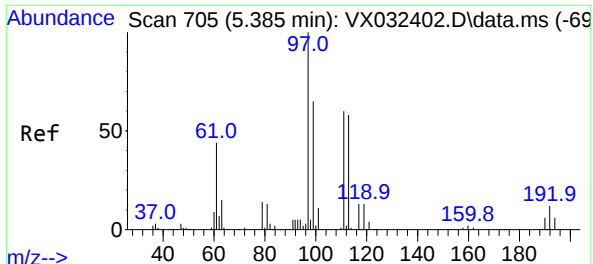
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 15.5 0.0 33.4

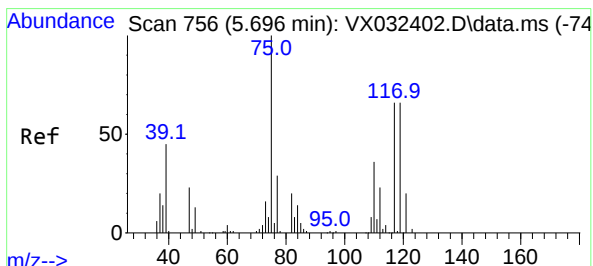
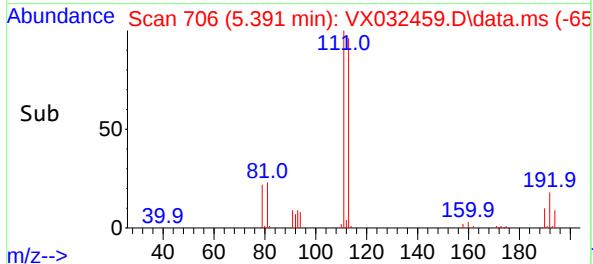
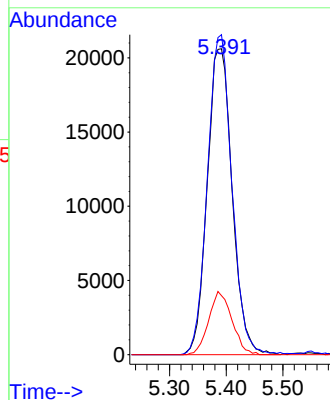
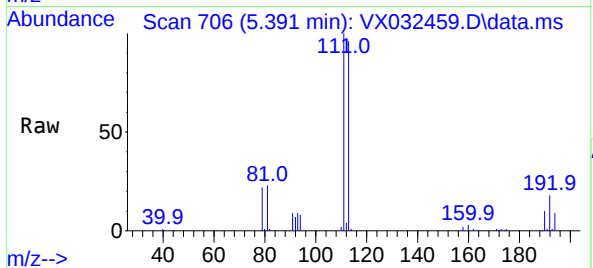




#35
Dibromofluoromethane
Concen: 45.779 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

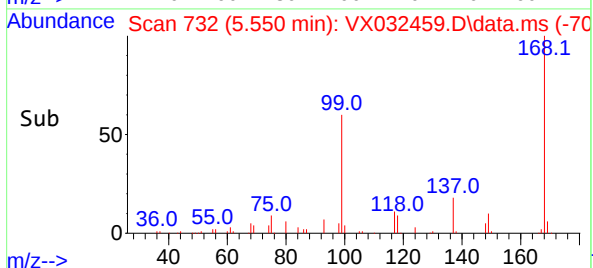
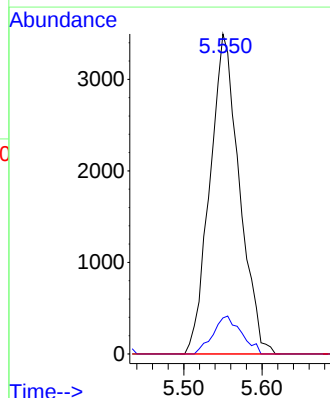
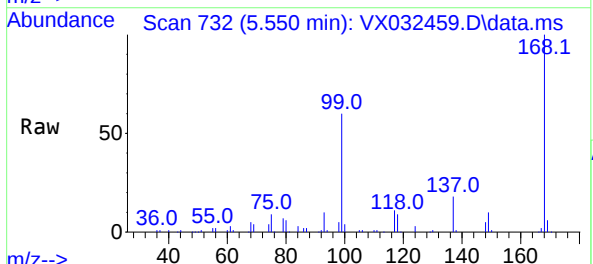
Instrument :
MSVOA_X
ClientSampleId :
5051-1

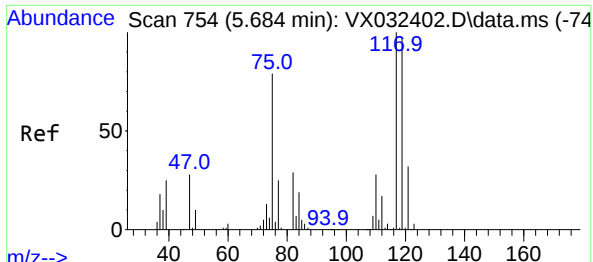
Tgt Ion:113 Resp: 63057
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

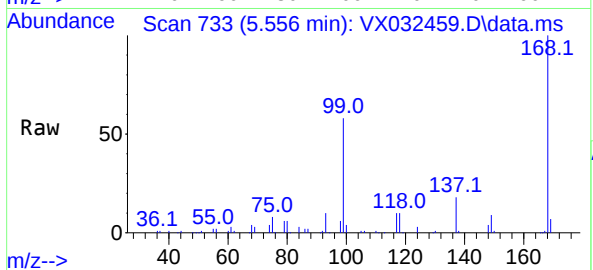
Tgt Ion: 75 Resp: 9147
Ion Ratio Lower Upper
75 100
110 11.4 18.4 55.2#
77 0.0 24.5 36.7#



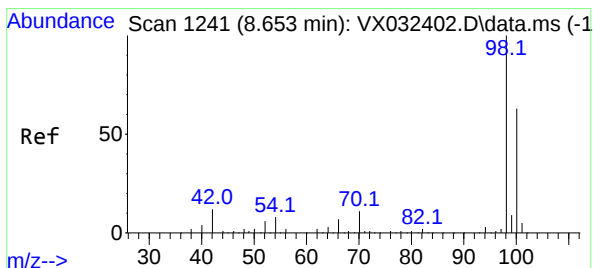
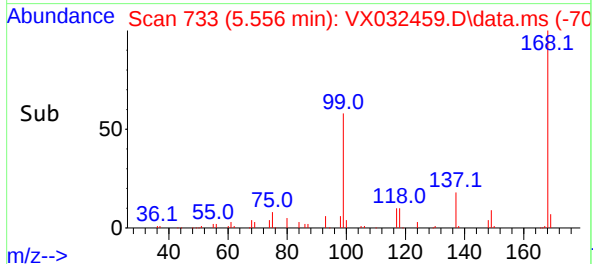
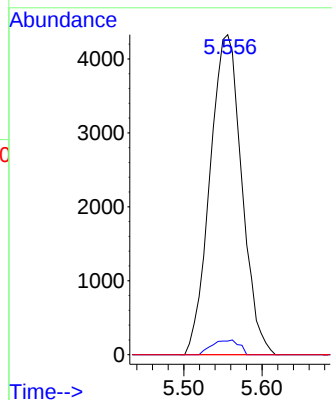


#38
Carbon Tetrachloride
Concen: 5.747 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Instrument :
MSVOA_X
ClientSampleId :
5051-1

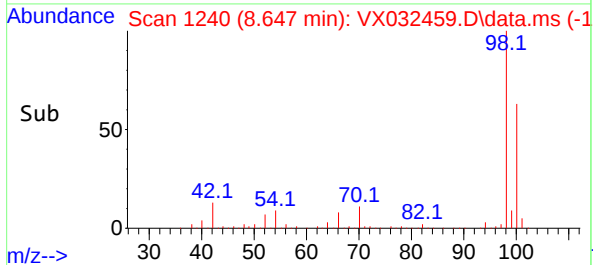
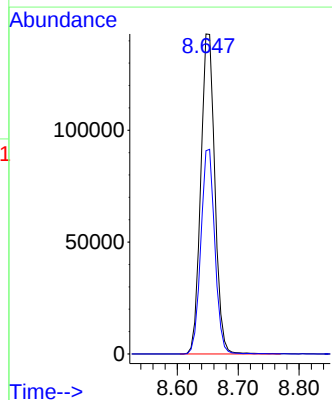
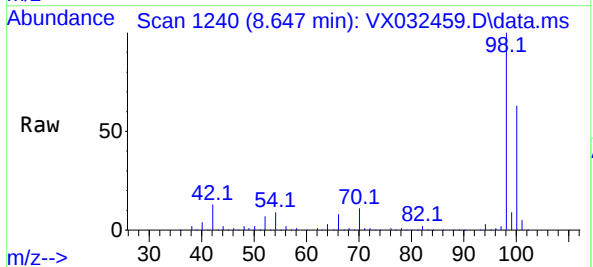


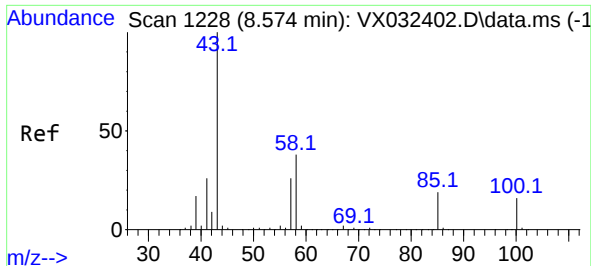
Tgt Ion:117 Resp: 12226
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.912 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 98 Resp: 229477
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.611 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX032459.D

Acq: 28 Oct 2022 15:02

Instrument :

MSVOA_X

ClientSampleId :

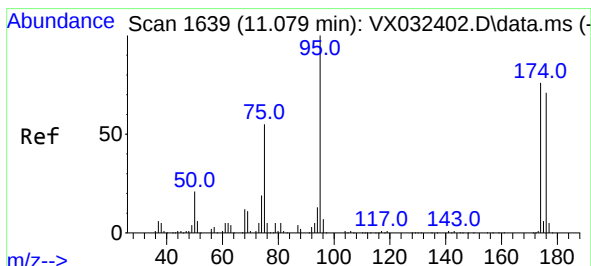
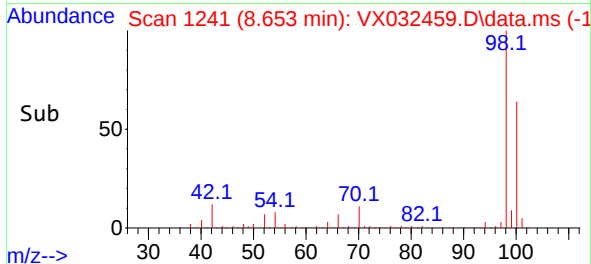
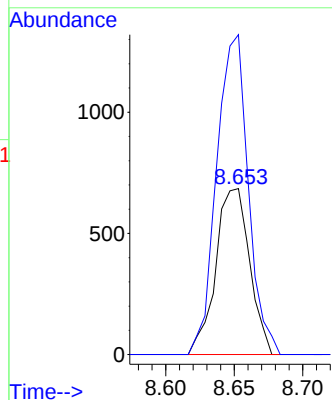
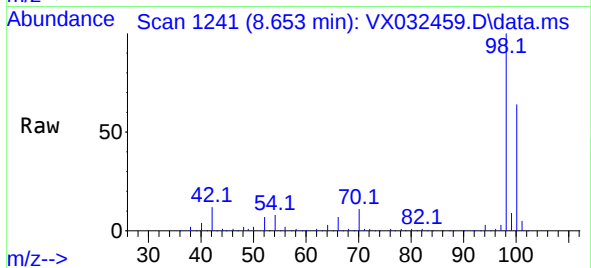
5051-1

Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

43 100

58 179.8 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 44.884 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032459.D

Acq: 28 Oct 2022 15:02

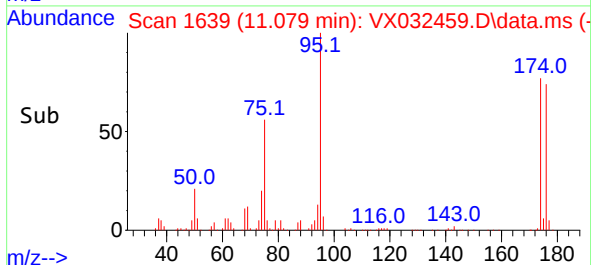
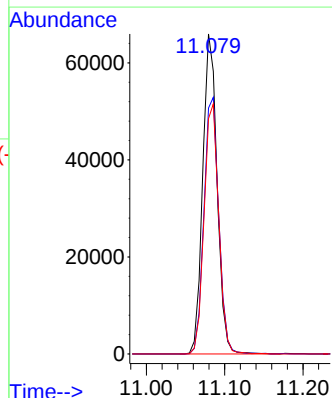
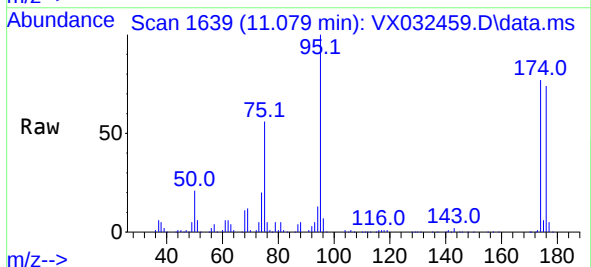
Tgt Ion: 95 Resp: 83974

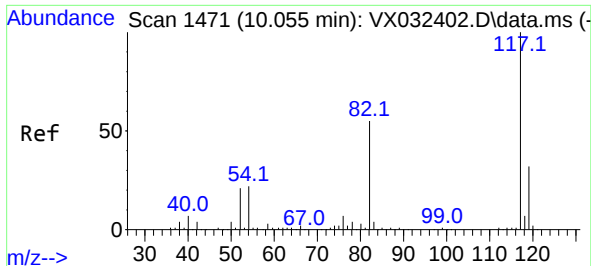
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 79.8 0.0 154.4

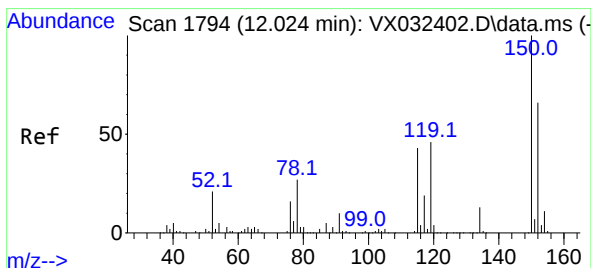
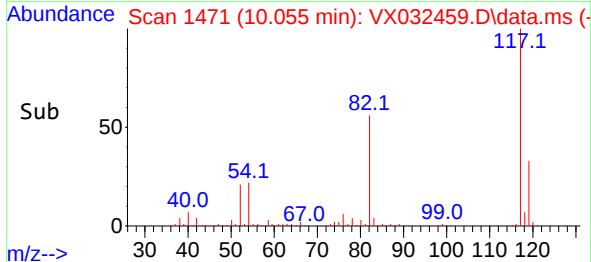
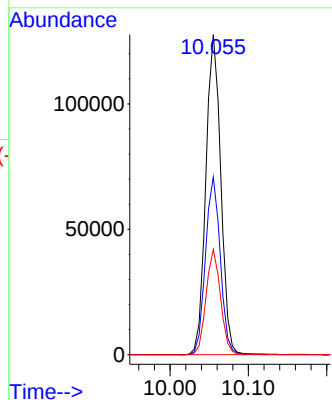
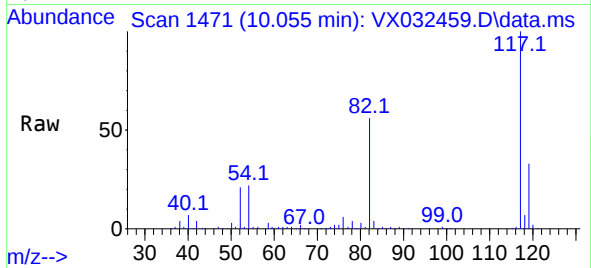




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

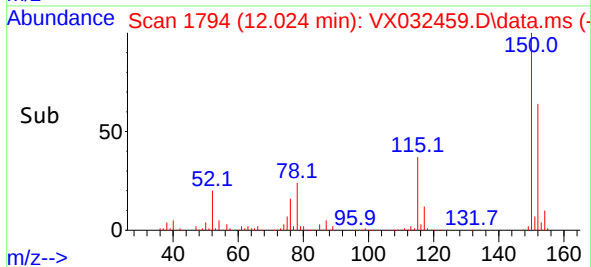
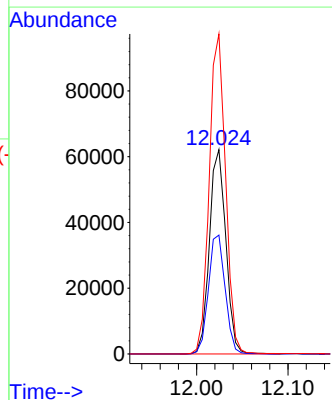
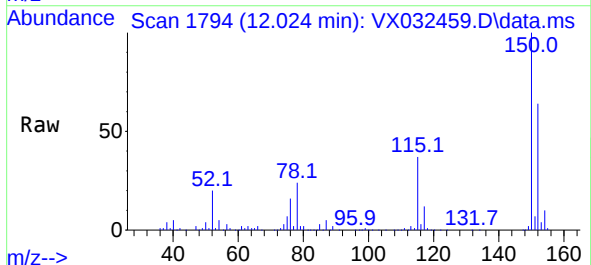
Instrument :
MSVOA_X
ClientSampleId :
5051-1

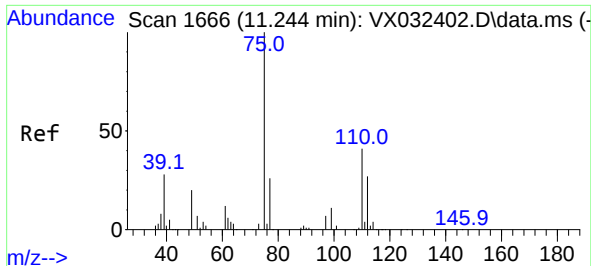
Tgt Ion:117 Resp: 168858
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion:152 Resp: 77607
Ion Ratio Lower Upper
152 100
115 59.2 44.0 132.0
150 156.0 0.0 351.8

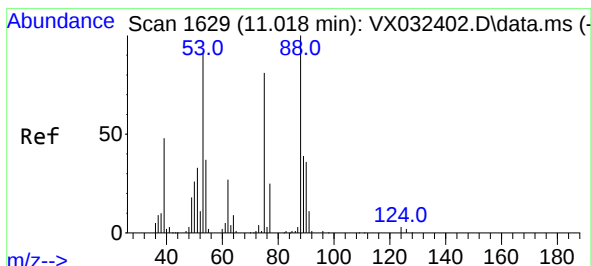
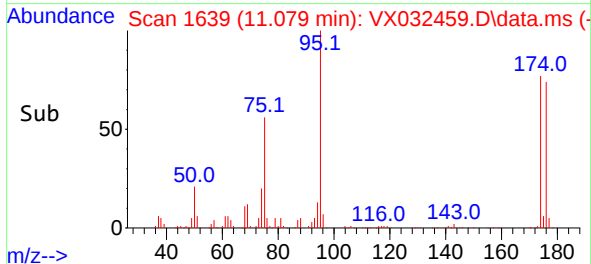
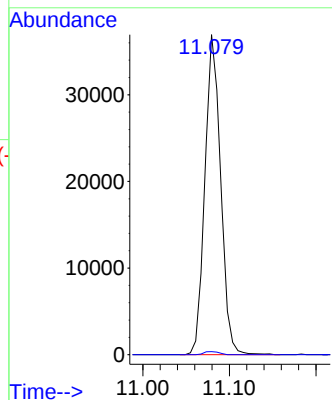
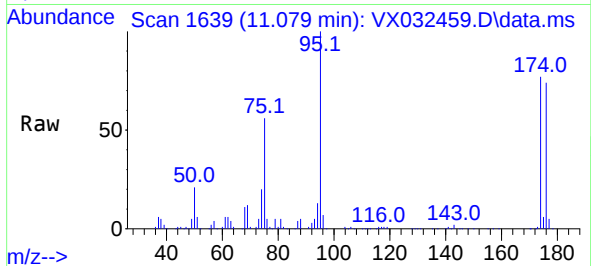




#76
1,2,3-Trichloropropane
Concen: 27.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

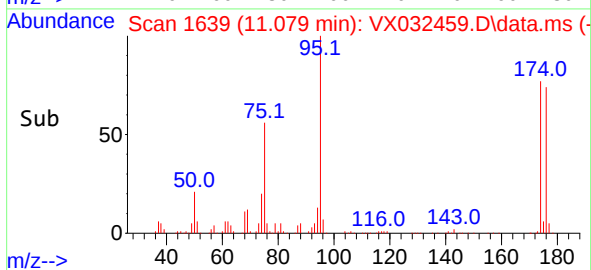
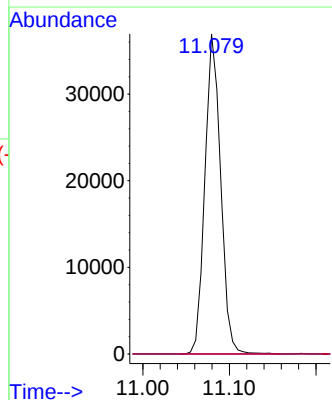
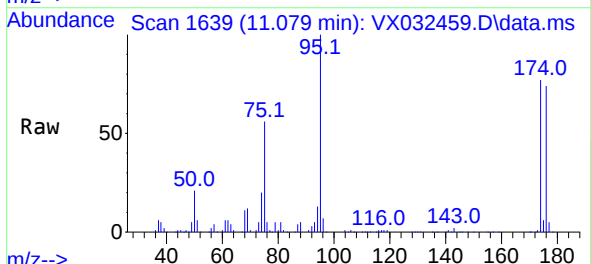
Instrument :
MSVOA_X
ClientSampleId :
5051-1

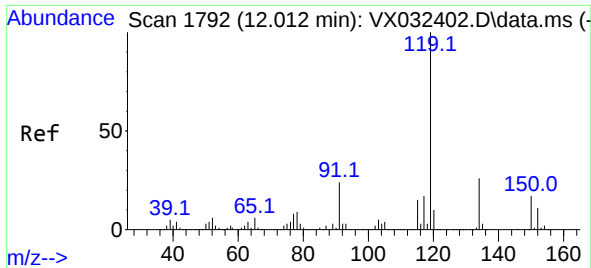
Tgt Ion: 75 Resp: 46693
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032459.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 75 Resp: 46693
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#86
 p-Isopropyltoluene
 Concen: 0.293 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032459.D
 Acq: 28 Oct 2022 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 5051-1

Tgt Ion:119 Resp: 1572
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.9 38.7
 91 42.6 12.5 37.5#

