

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032686.D
 Acq On : 09 Nov 2022 17:47
 Operator : JC/MD
 Sample : N5551-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-111

Quant Time: Nov 10 03:06:10 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)

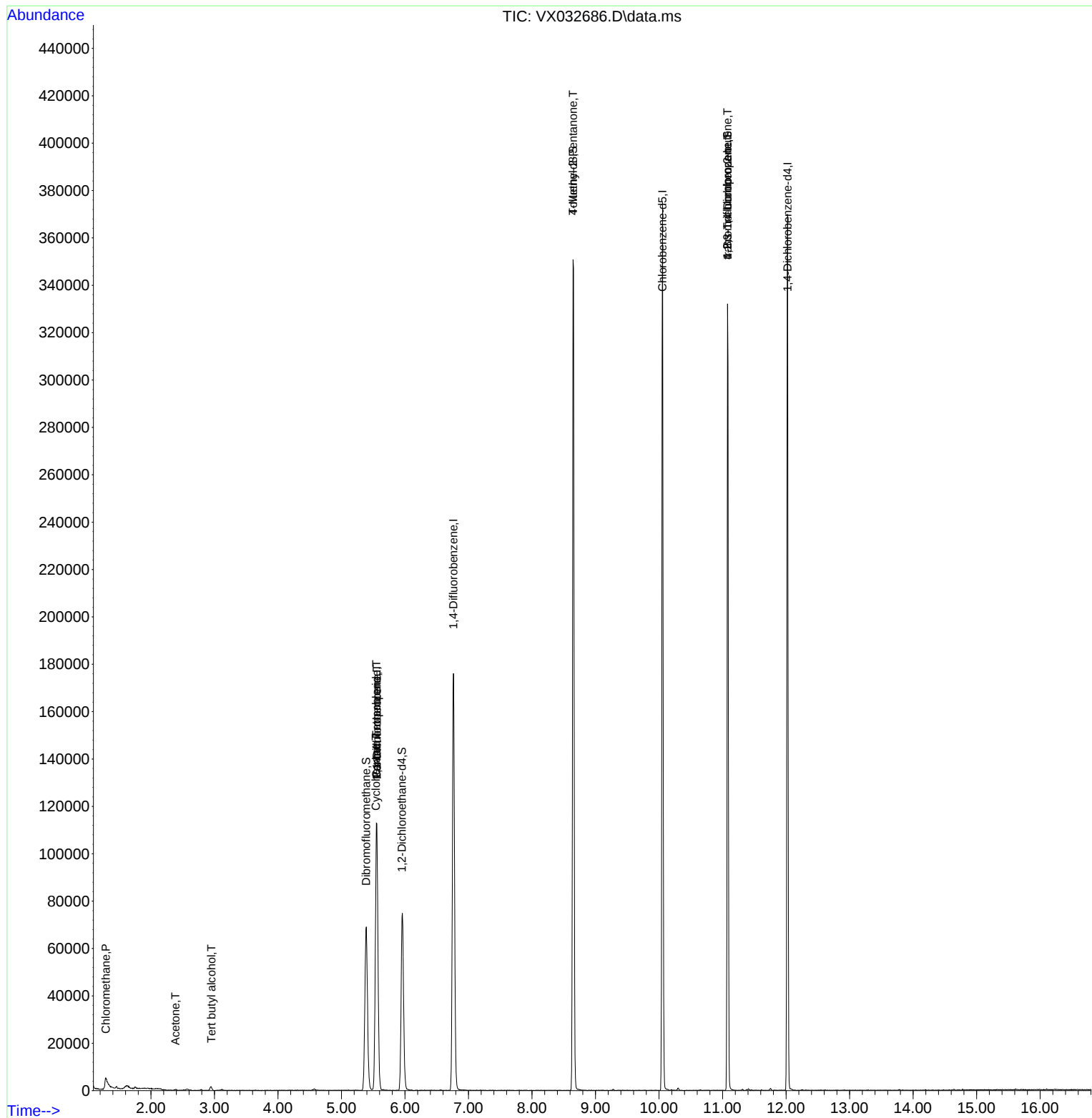
Internal Standards						
1) Pentafluorobenzene	5.556	168	106770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76020	51.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.480%
35) Dibromofluoromethane	5.385	113	59000	46.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.647	98	214809	48.604	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	83627	48.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	275	0.264	ug/l #	43
11) Tert butyl alcohol	2.953	59	1038	4.807	ug/l #	72
16) Acetone	2.386	43	598	1.109	ug/l	95
31) Cyclohexane	5.544	56	2457	1.366	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	8311	4.696	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10843	5.523	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	985	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46363	27.812	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46363	88.500	ug/l #	6

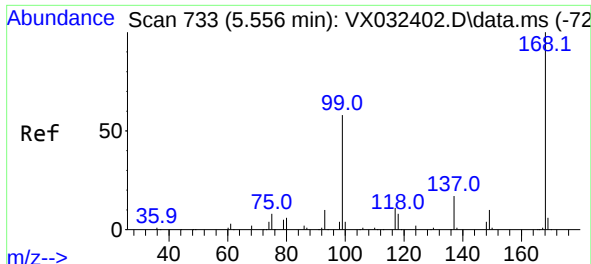
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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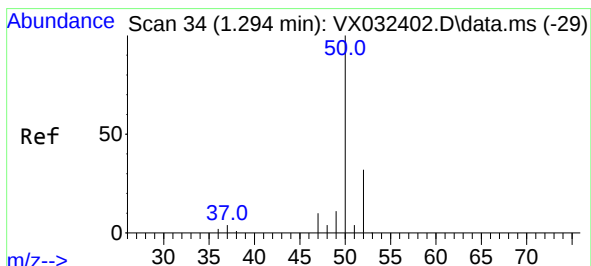
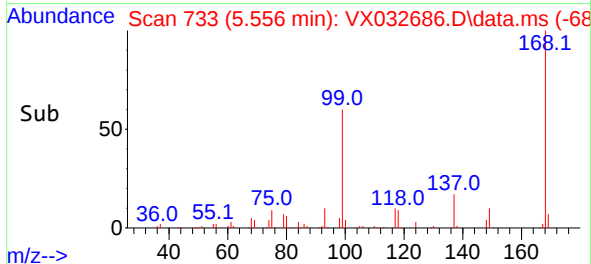
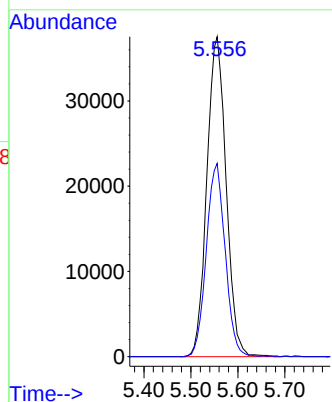
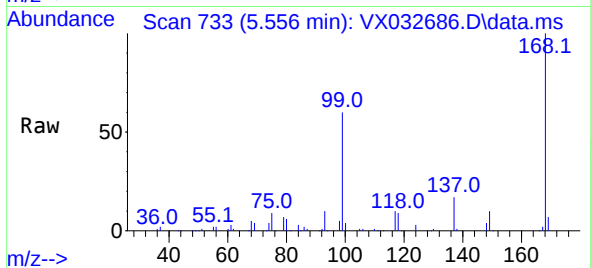




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

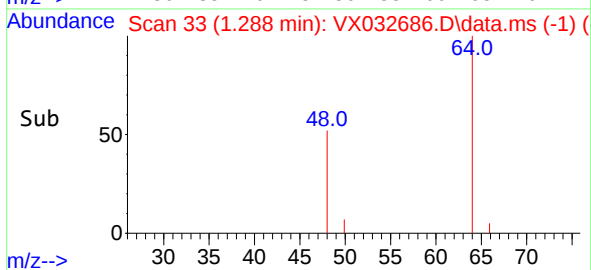
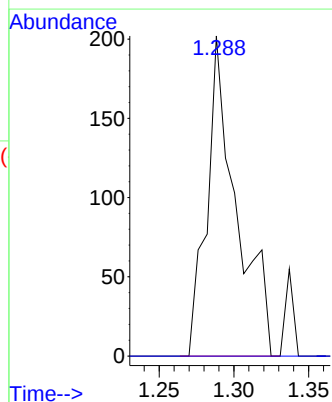
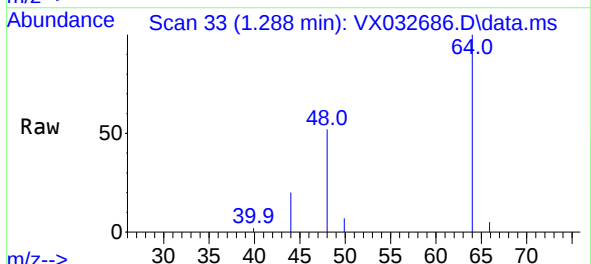
Instrument :
MSVOA_X
ClientSampleId :
MW-111

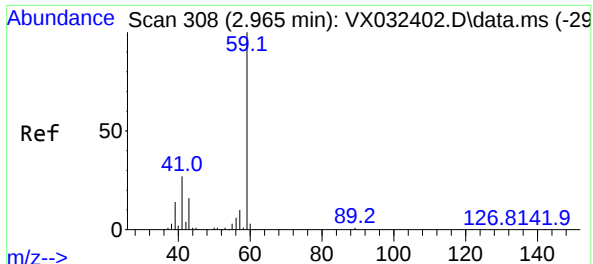
Tgt Ion:168 Resp: 106770
Ion Ratio Lower Upper
168 100
99 60.4 46.1 69.1



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 4.807 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX032686.D

Acq: 09 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

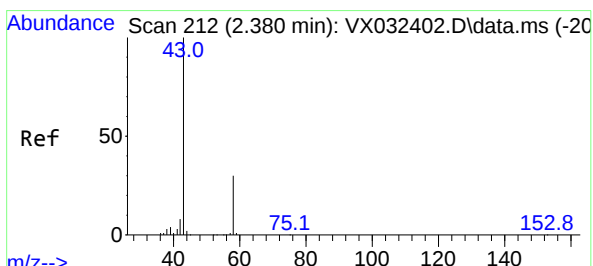
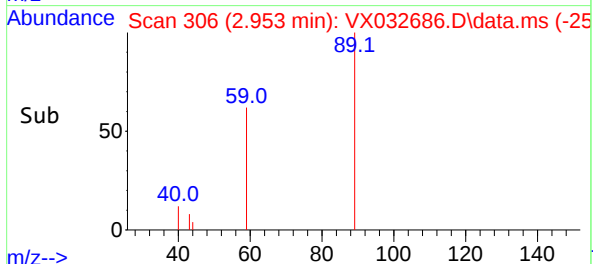
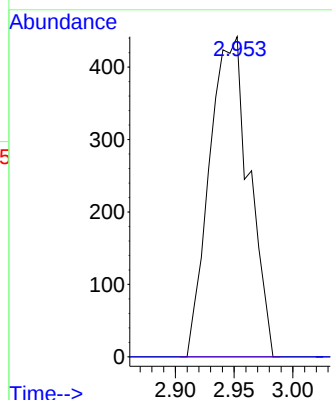
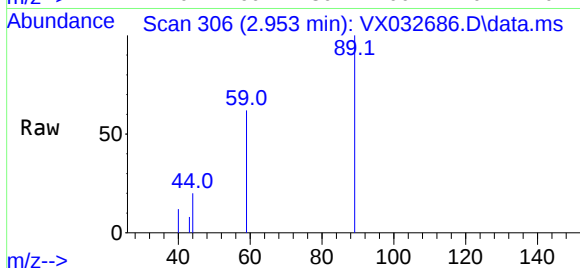
MW-111

Tgt Ion: 59 Resp: 1038

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.109 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032686.D

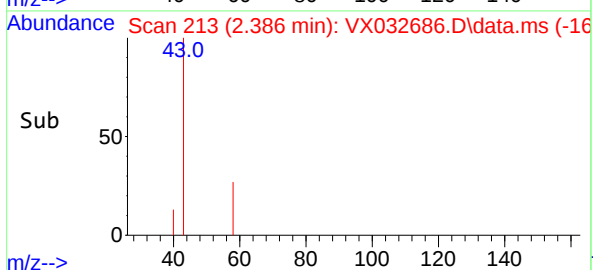
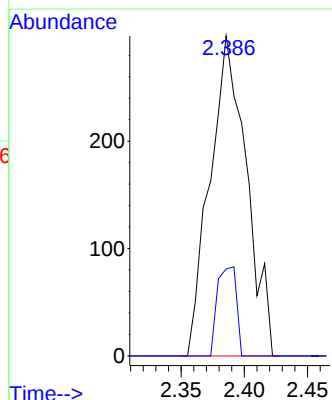
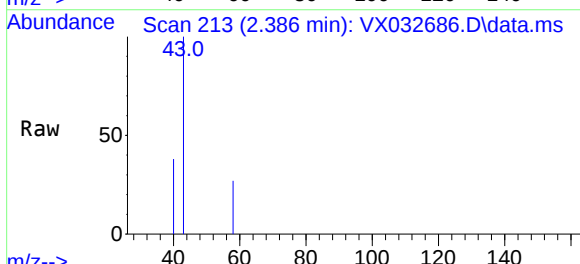
Acq: 09 Nov 2022 17:47

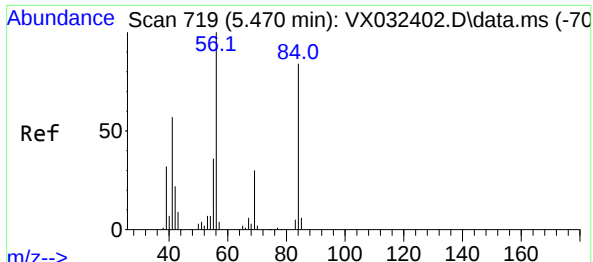
Tgt Ion: 43 Resp: 598

Ion Ratio Lower Upper

43 100

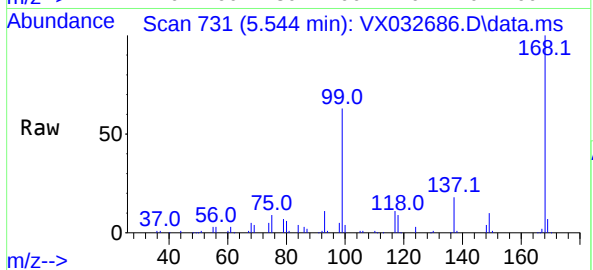
58 27.2 23.8 35.8



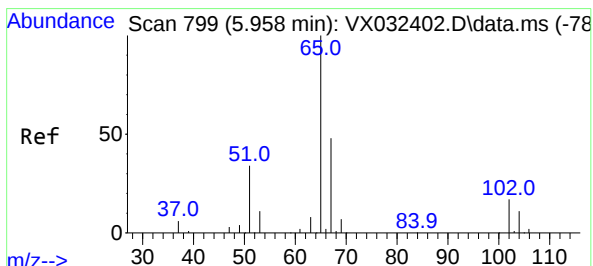
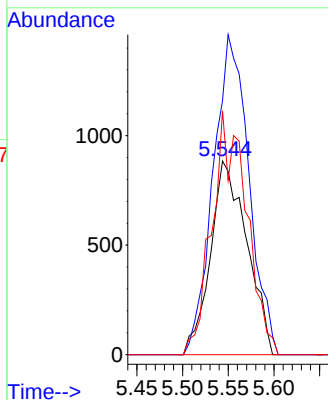
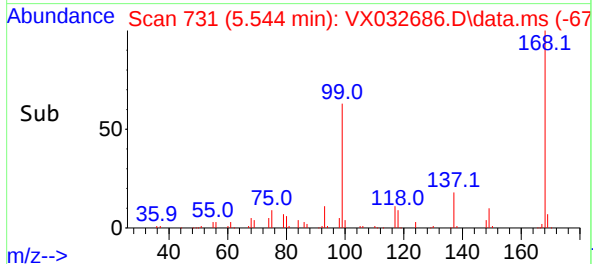


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
MW-111

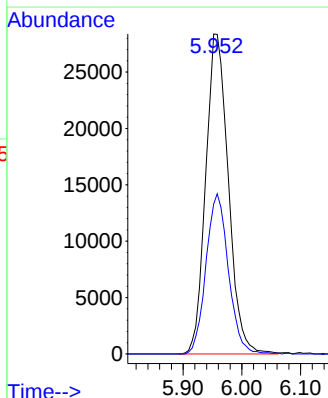
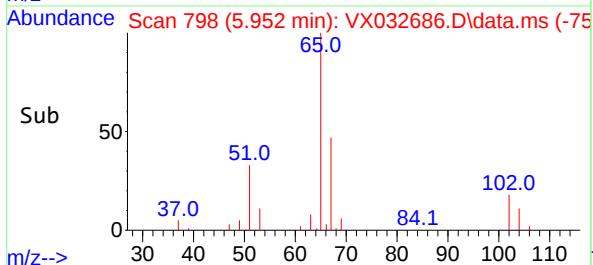
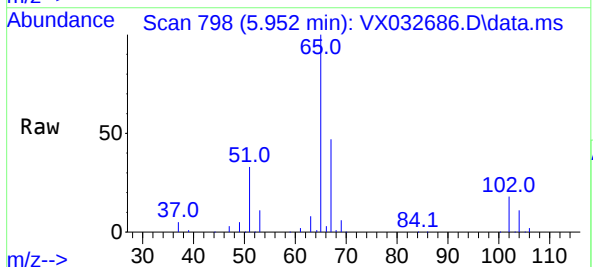


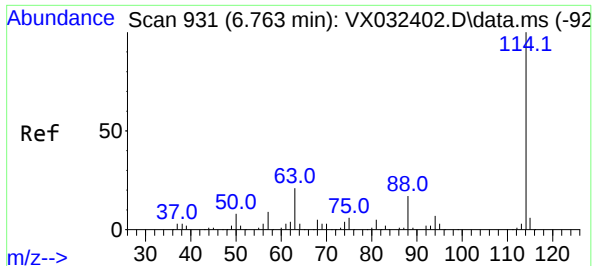
Tgt Ion: 56 Resp: 2457
Ion Ratio Lower Upper
56 100
69 131.1 24.1 36.1#
84 125.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.242 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Tgt Ion: 65 Resp: 76020
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

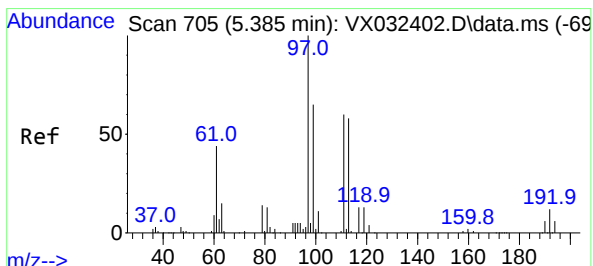
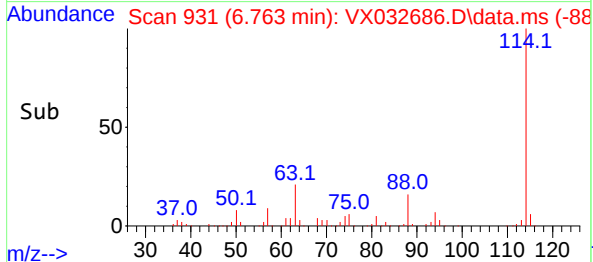
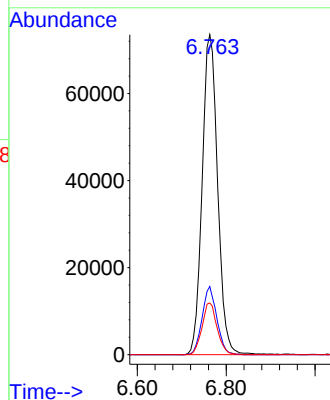
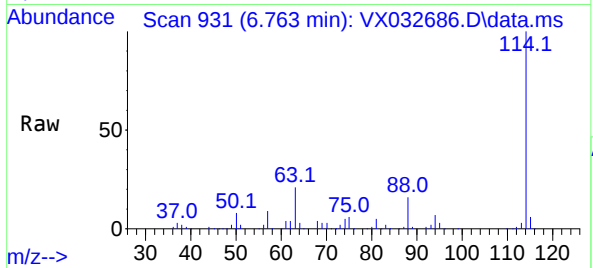




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

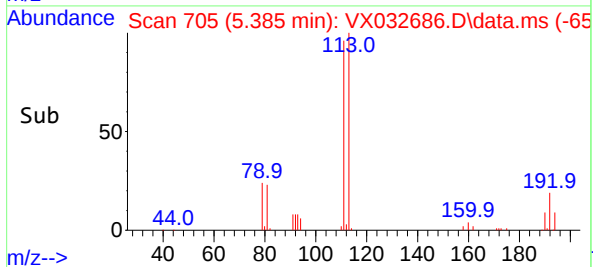
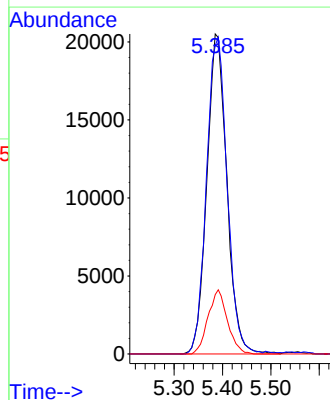
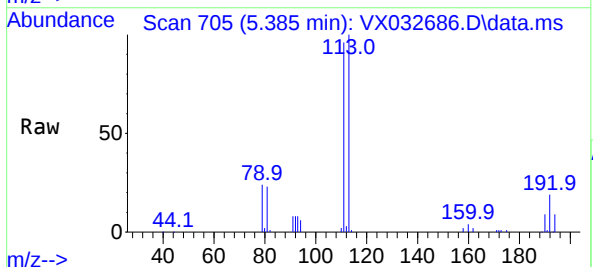
Instrument :
MSVOA_X
ClientSampleId :
MW-111

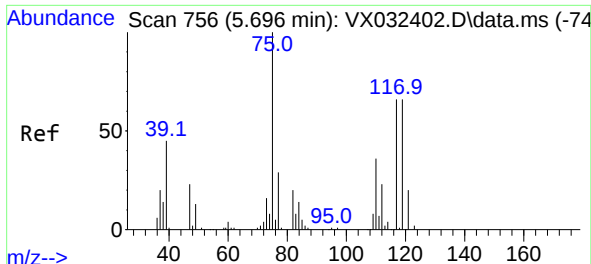
Tgt Ion:114 Resp: 178185
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.420 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Tgt Ion:113 Resp: 59000
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.4 15.4 23.2

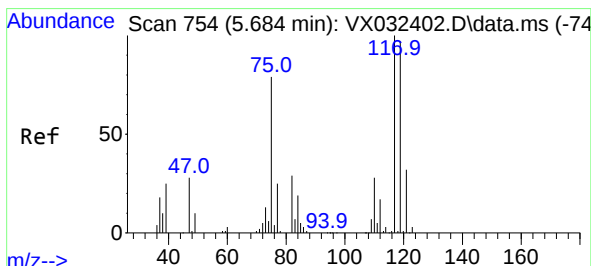
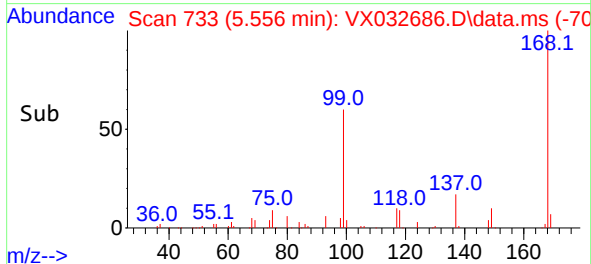
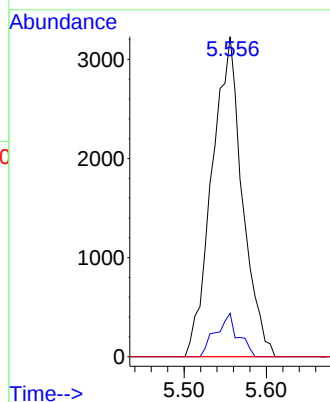
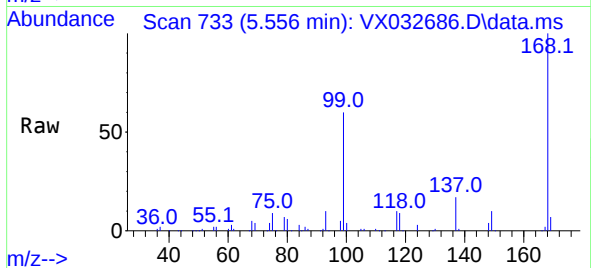




#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

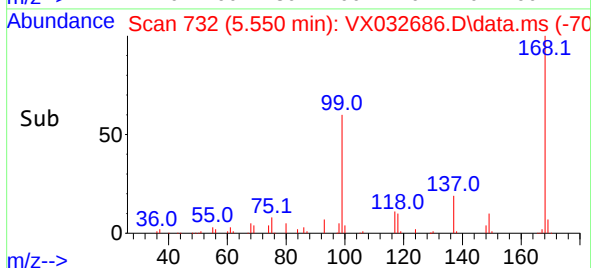
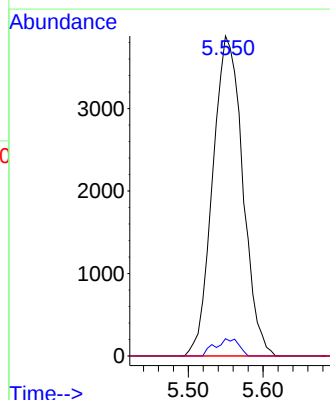
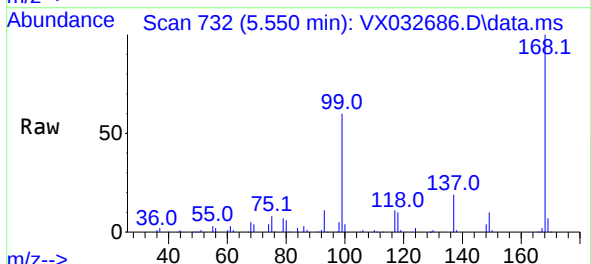
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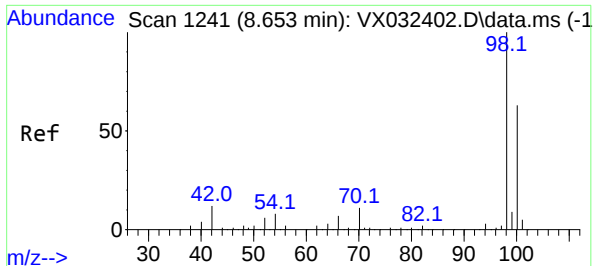
Tgt Ion: 75 Resp: 8311
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Tgt Ion: 117 Resp: 10843
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.604 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032686.D

Acq: 09 Nov 2022 17:47

Instrument :

MSVOA_X

ClientSampleId :

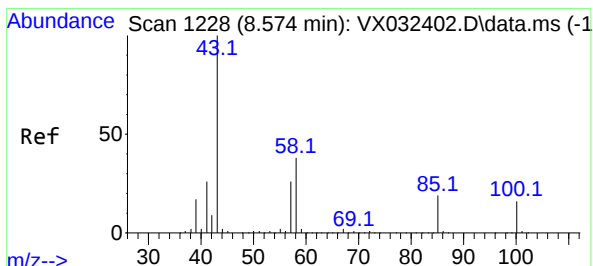
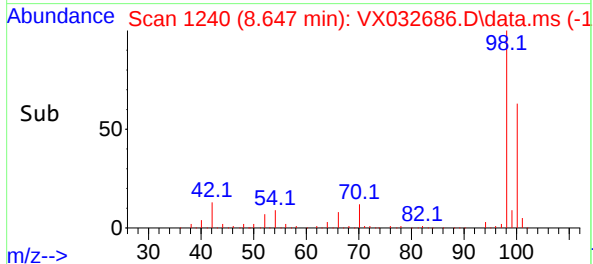
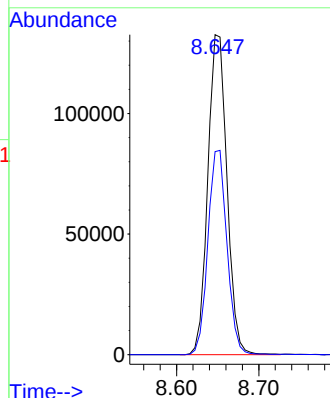
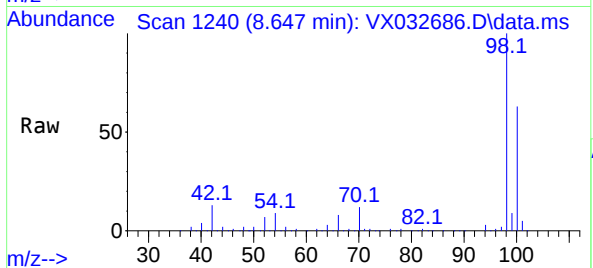
MW-111

Tgt Ion: 98 Resp: 214809

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.553 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032686.D

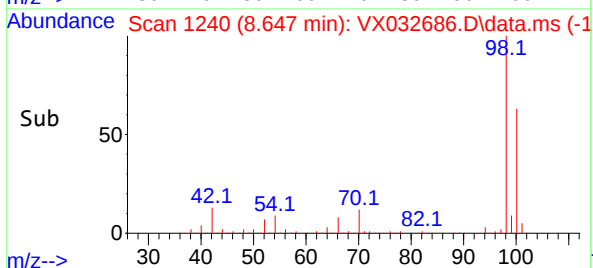
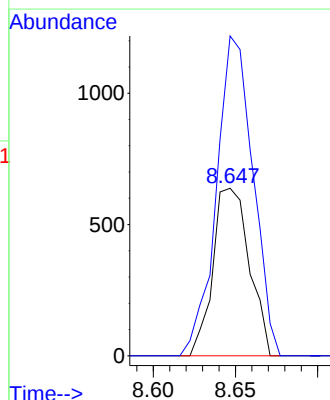
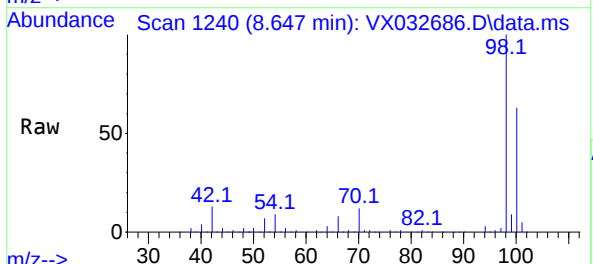
Acq: 09 Nov 2022 17:47

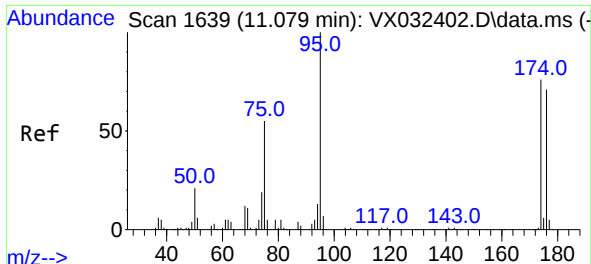
Tgt Ion: 43 Resp: 985

Ion Ratio Lower Upper

43 100

58 191.7 30.9 46.3#

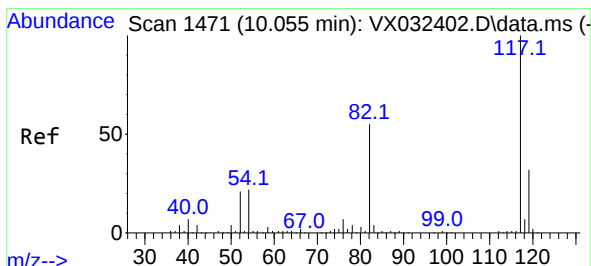
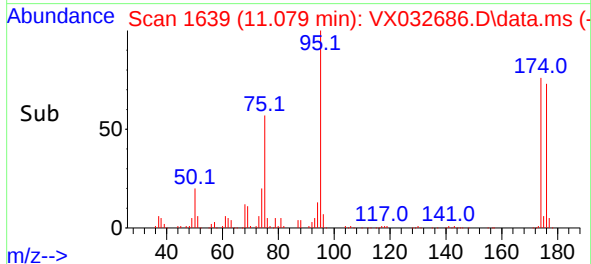
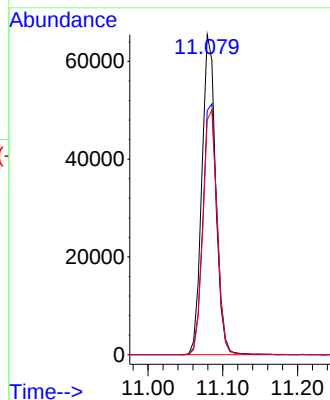
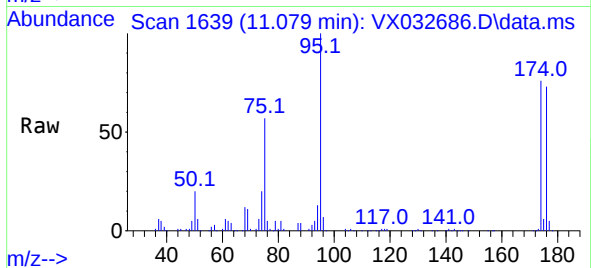




#62
4-Bromofluorobenzene
Concen: 48.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

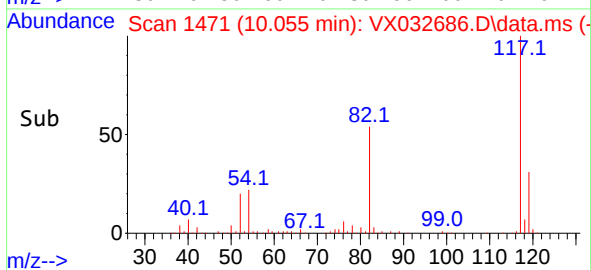
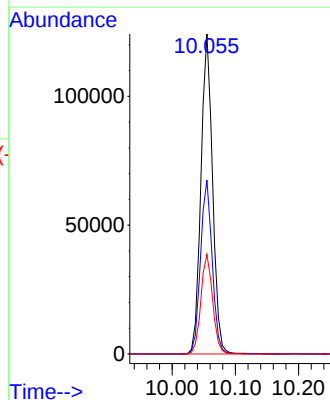
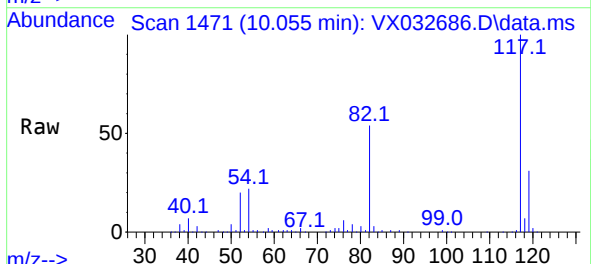
Instrument :
MSVOA_X
ClientSampleId :
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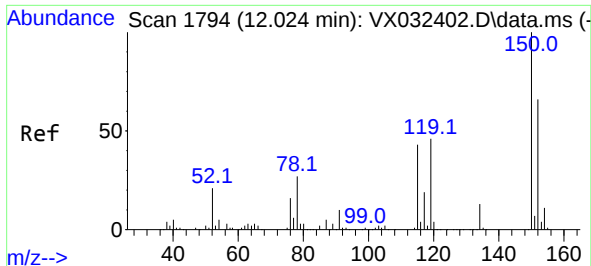
Tgt Ion: 95 Resp: 83627
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

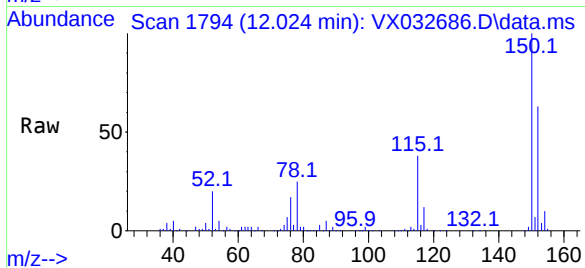
Tgt Ion: 117 Resp: 159057
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 31.1 25.7 38.5



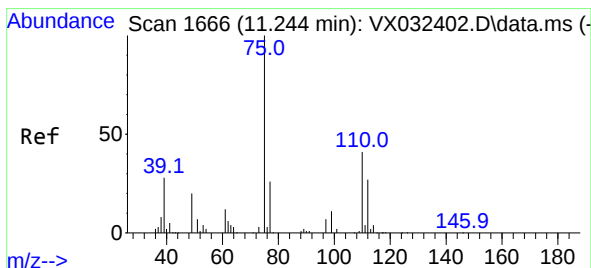
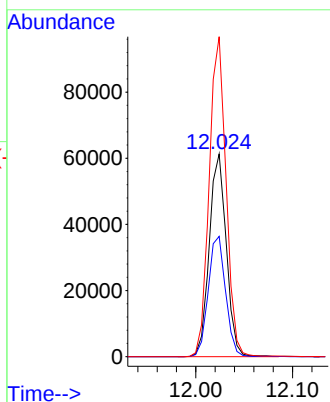
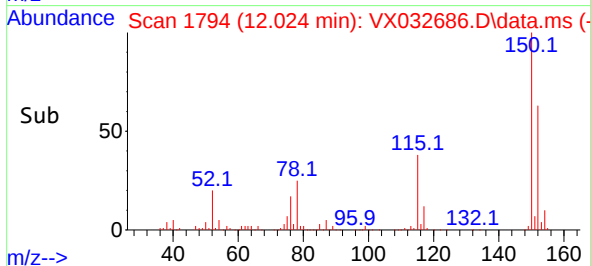


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Instrument :
MSVOA_X
ClientSampleId :
MW-111

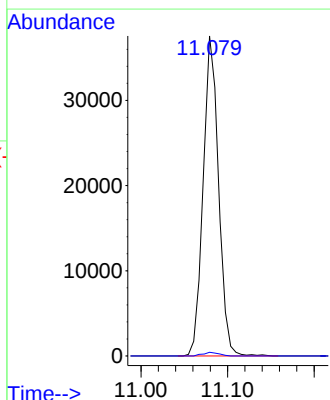
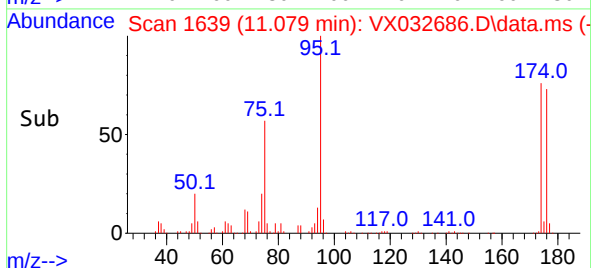
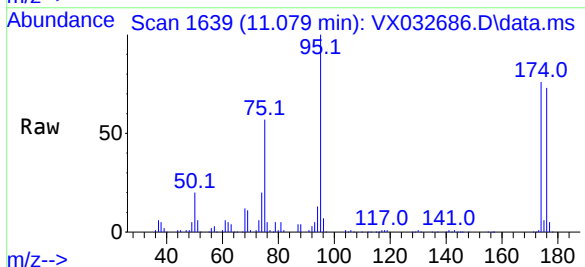


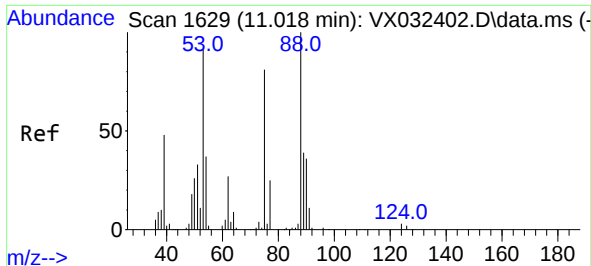
Tgt Ion:152 Resp: 74929
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 156.1 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032686.D
Acq: 09 Nov 2022 17:47

Tgt Ion: 75 Resp: 46363
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.500 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032686.D
 Acq: 09 Nov 2022 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-111

Tgt Ion: 75 Resp: 46363
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

