

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033187.D
 Acq On : 02 Dec 2022 15:48
 Operator : JC/MD
 Sample : N5852-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-OUT-03-12012022

Quant Time: Dec 03 04:33:39 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)

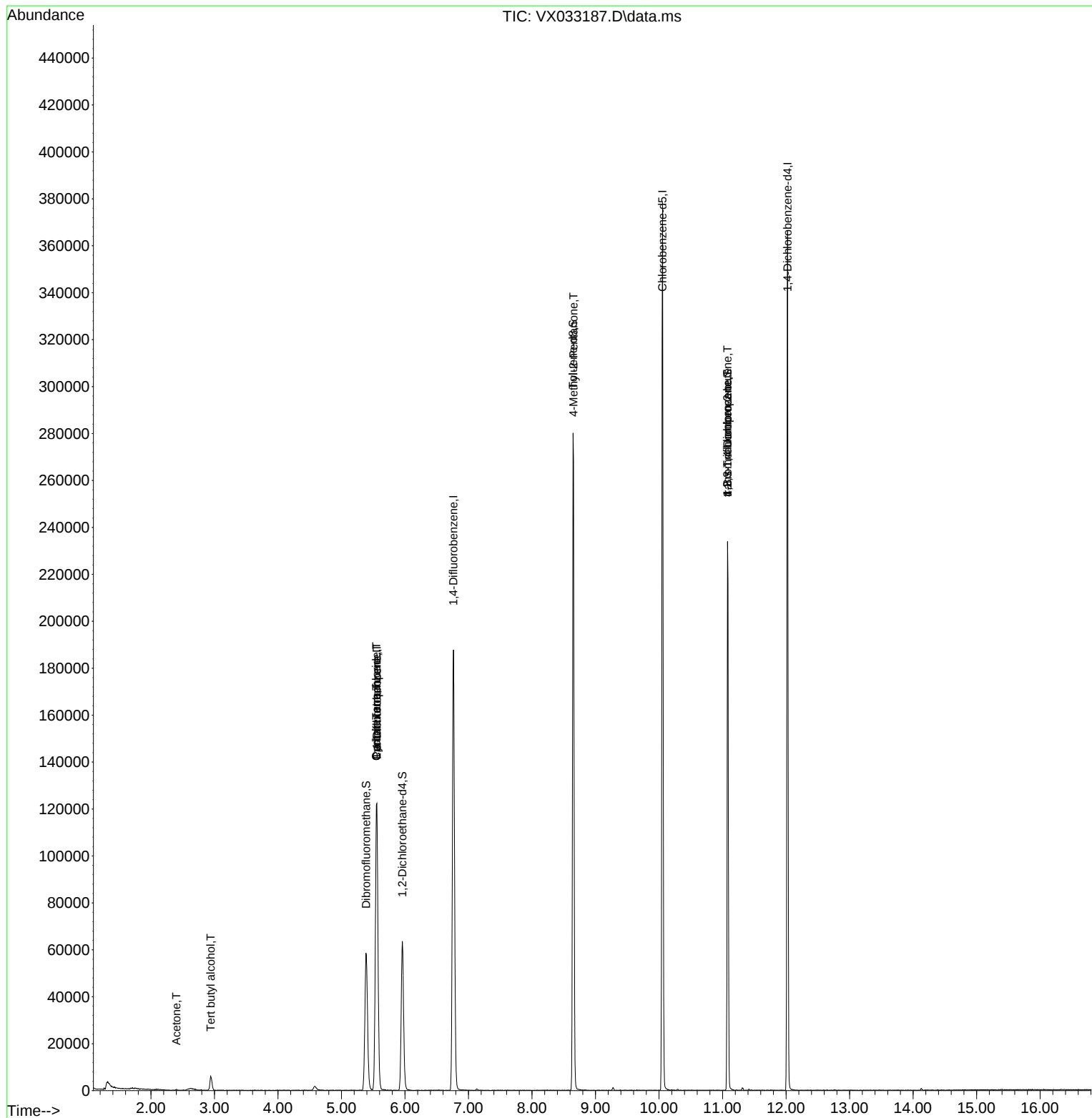
Internal Standards						
1) Pentafluorobenzene	5.556	168	115154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63589	56.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.900%			
35) Dibromofluoromethane	5.385	113	50544	46.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.760%			
50) Toluene-d8	8.647	98	166607	51.416	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.079	95	60682	42.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.680%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	3574	20.105	ug/l #	72
16) Acetone	2.398	43	426	0.813	ug/l #	89
20) Methylene Chloride	2.800	84	83	Below Cal	#	56
31) Cyclohexane	5.550	56	2619	1.441	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	9092	5.274	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11868	6.205	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	706	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32611	23.043	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32611	74.899	ug/l #	6

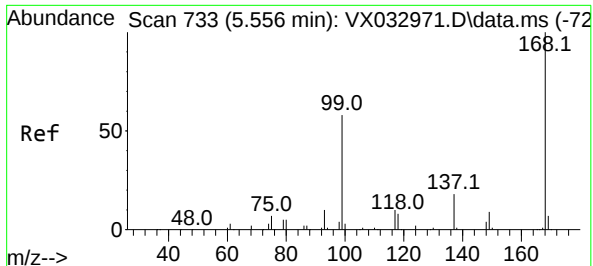
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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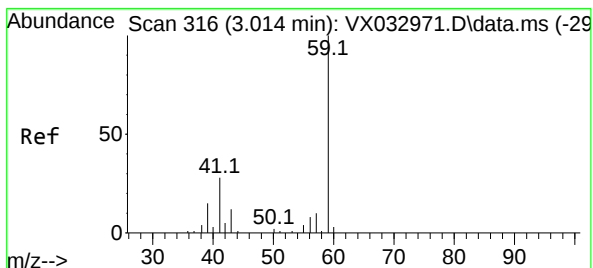
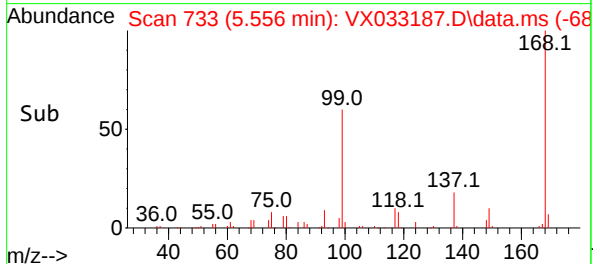
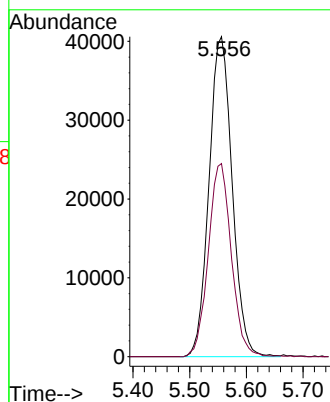
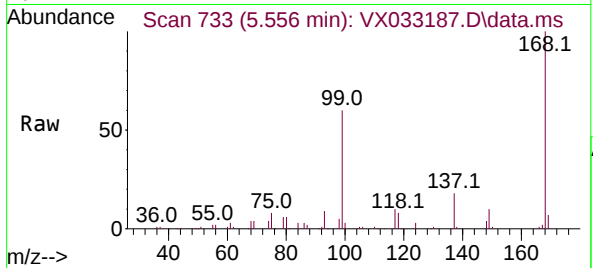




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

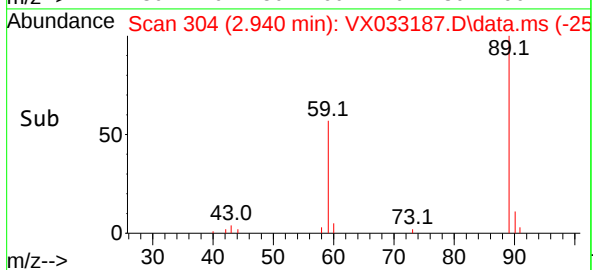
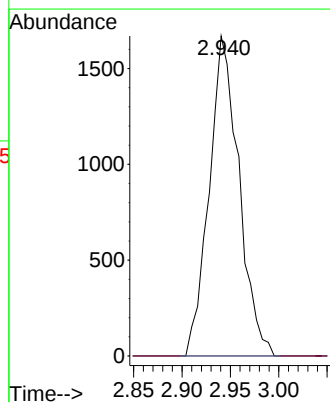
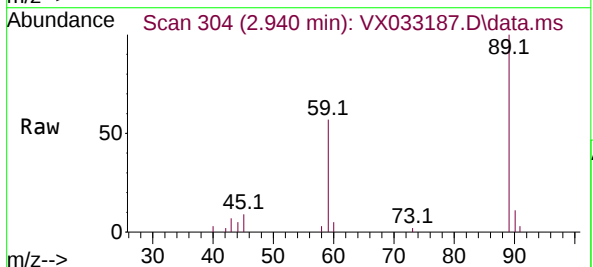
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-03-12012022

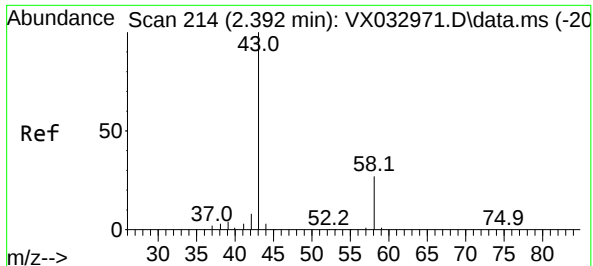
Tgt Ion:168 Resp: 115154
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 20.105 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

Tgt Ion: 59 Resp: 3574
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

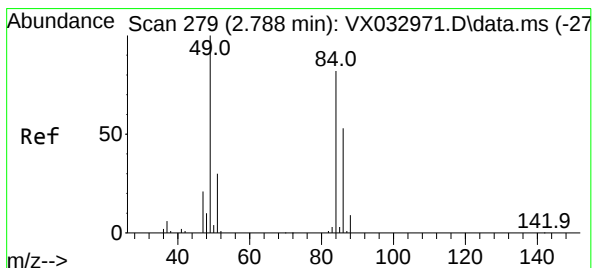
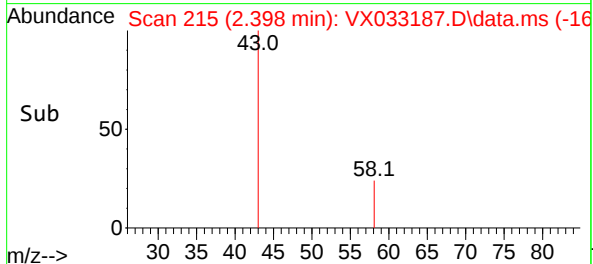
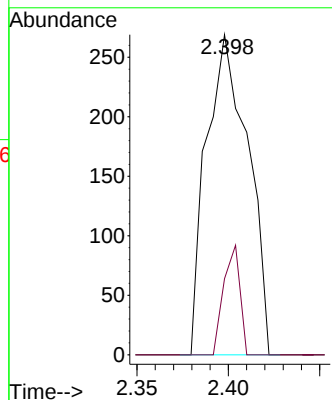
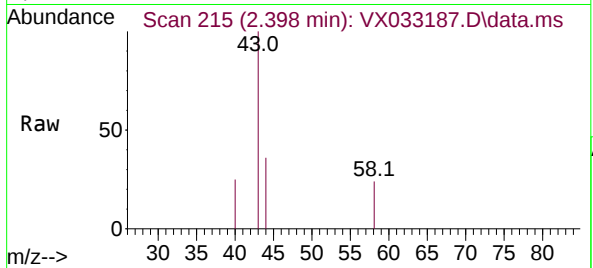




#16
Acetone
Concen: 0.813 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

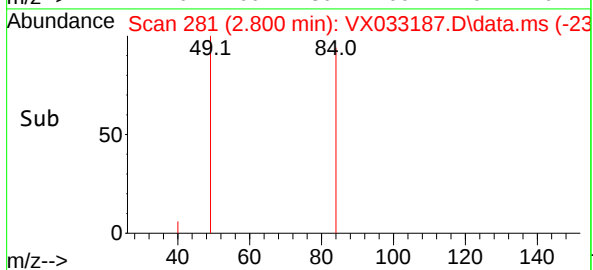
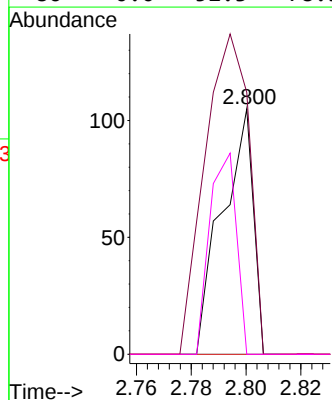
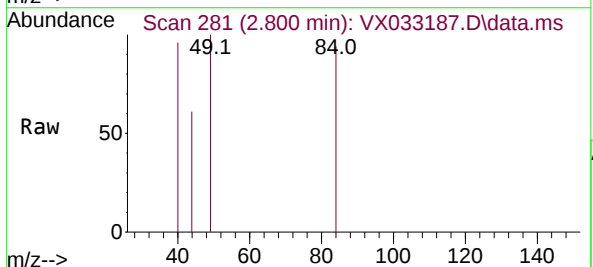
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-03-12012022

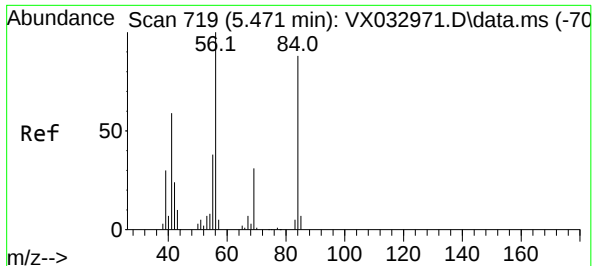
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 23.8 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

Tgt Ion: 84 Resp: 83
Ion Ratio Lower Upper
84 100
49 106.7 101.0 151.6
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#

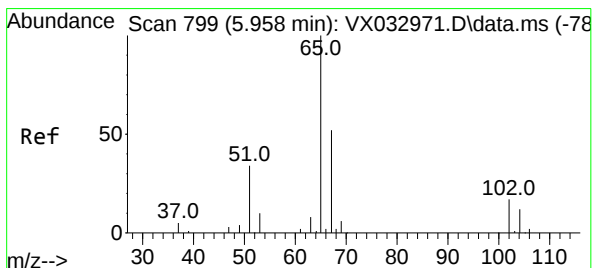
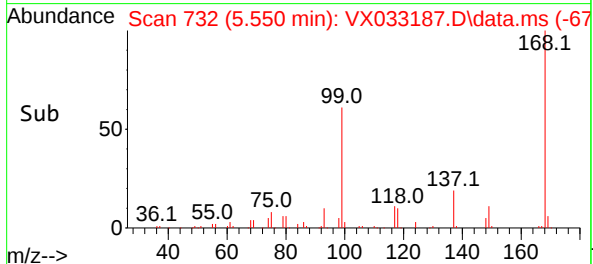
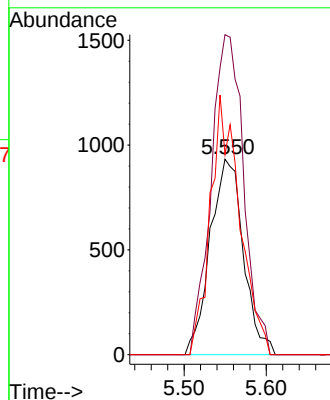
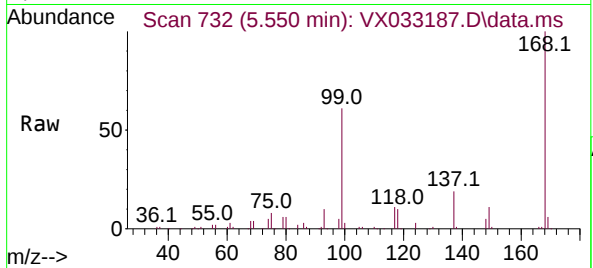




#31
Cyclohexane
Concen: 1.441 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

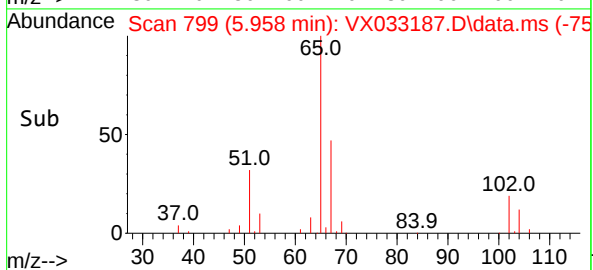
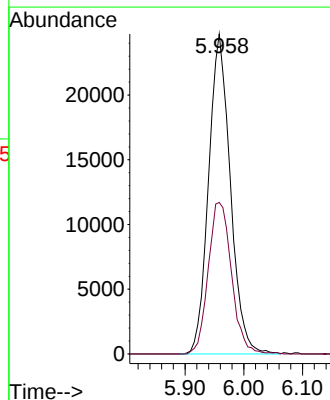
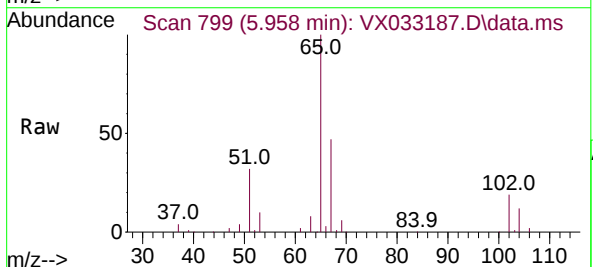
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-03-12012022

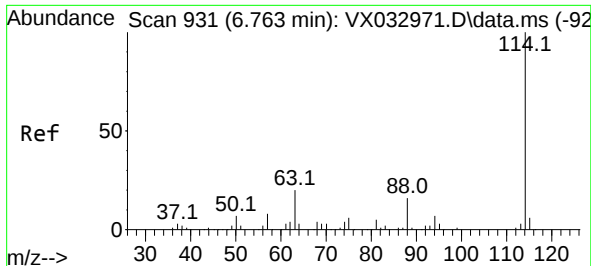
Tgt Ion: 56 Resp: 2619
Ion Ratio Lower Upper
56 100
69 163.7 24.1 36.1#
84 102.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 56.947 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

Tgt Ion: 65 Resp: 63589
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8

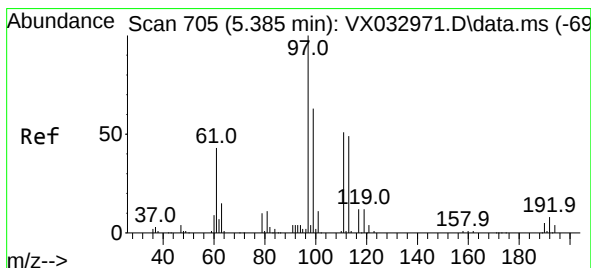
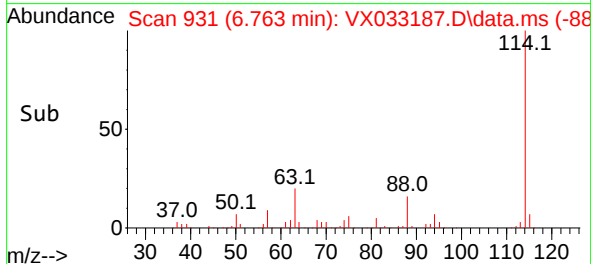
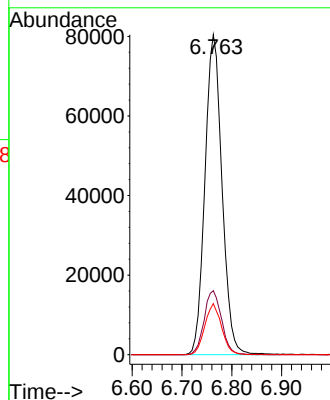
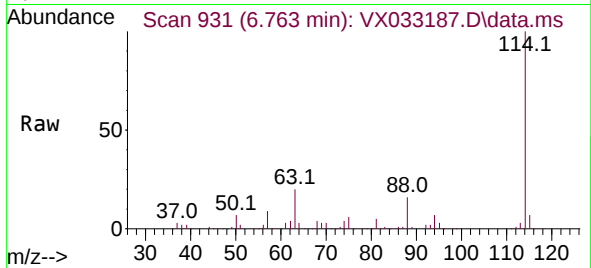




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

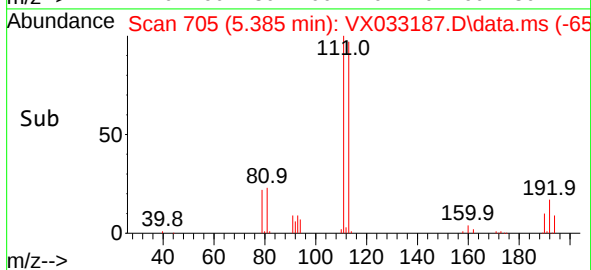
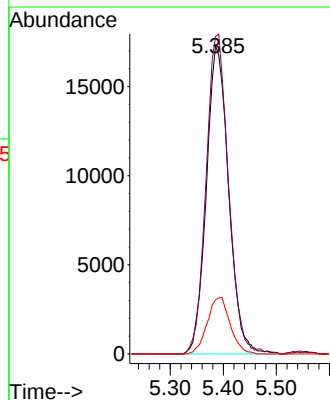
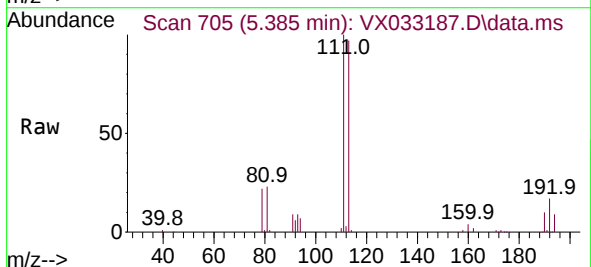
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-OUT-03-12012022

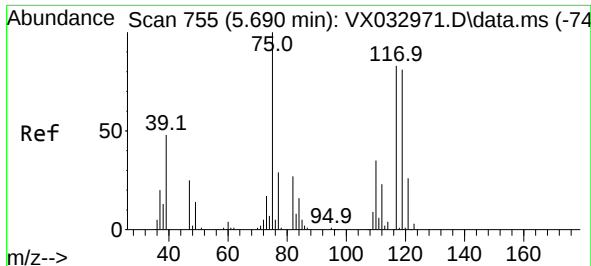
Tgt Ion:114 Resp: 191259
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033187.D
Acq: 02 Dec 2022 15:48

Tgt Ion:113 Resp: 50544
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 18.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.274 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033187.D

Acq: 02 Dec 2022 15:48

Instrument :

MSVOA_X

ClientSampleId :

RW9-PT-OUT-03-12012022

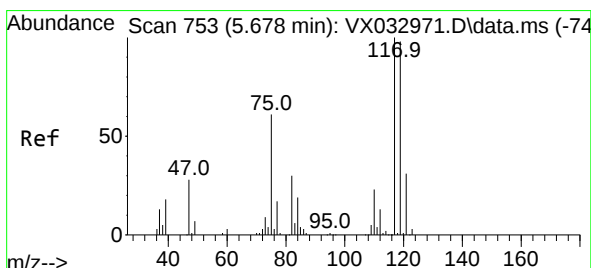
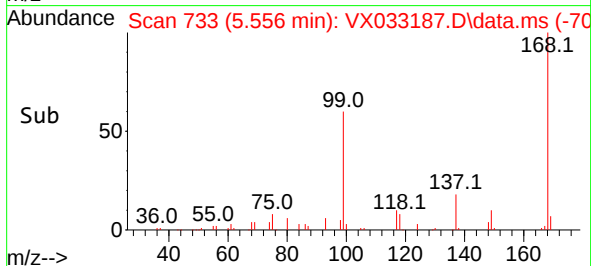
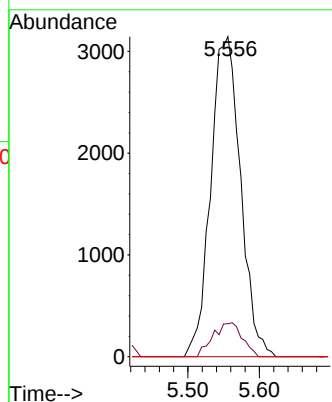
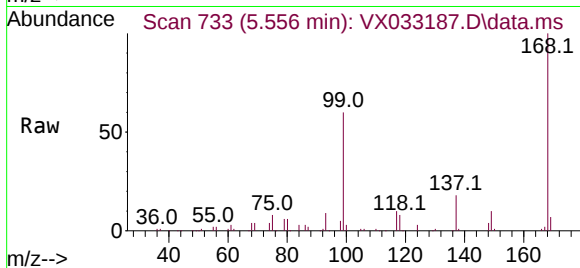
Tgt Ion: 75 Resp: 9092

Ion Ratio Lower Upper

75 100

110 10.4 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.205 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033187.D

Acq: 02 Dec 2022 15:48

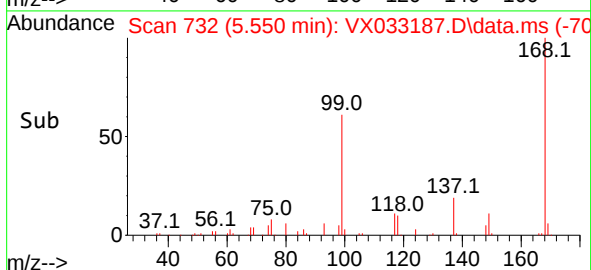
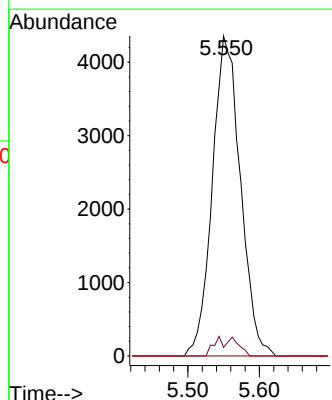
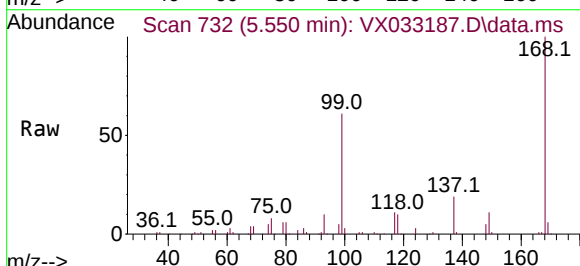
Tgt Ion: 117 Resp: 11868

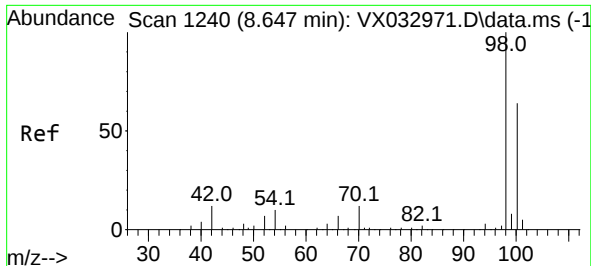
Ion Ratio Lower Upper

117 100

119 2.7 77.2 115.8#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.416 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033187.D

Acq: 02 Dec 2022 15:48

Instrument :

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ClientSampleId :

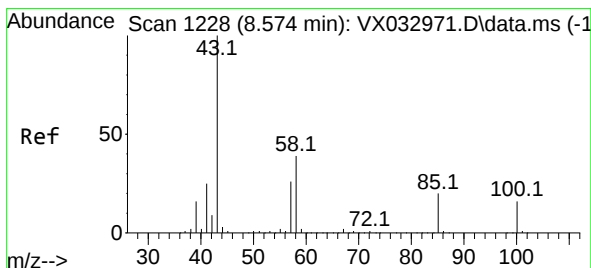
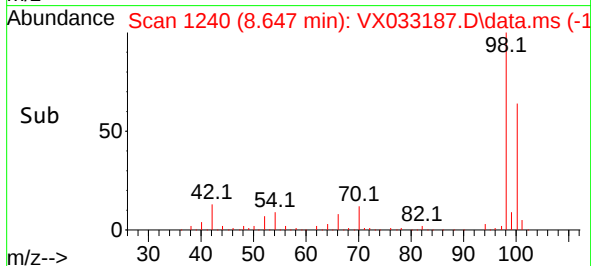
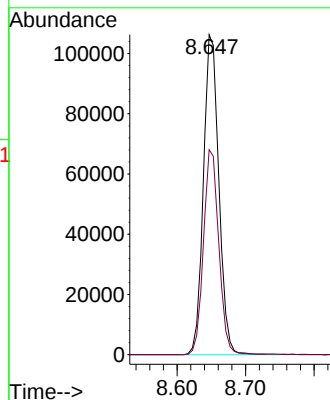
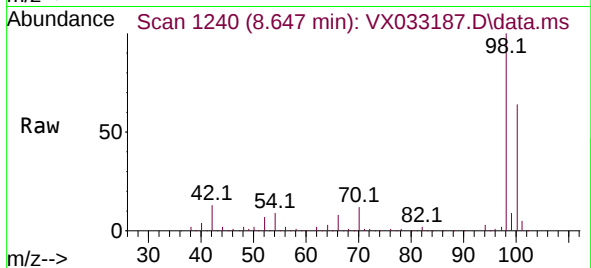
RW9-PT-OUT-03-12012022

Tgt Ion: 98 Resp: 166607

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.460 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033187.D

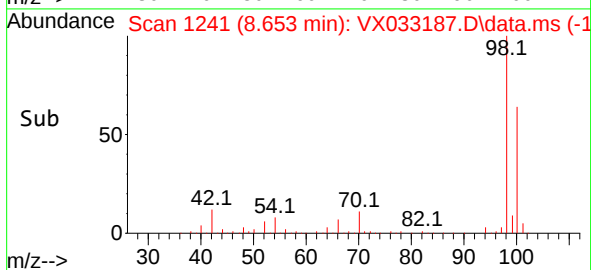
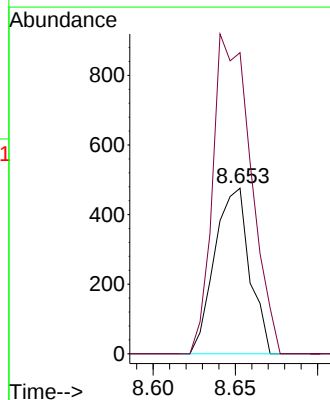
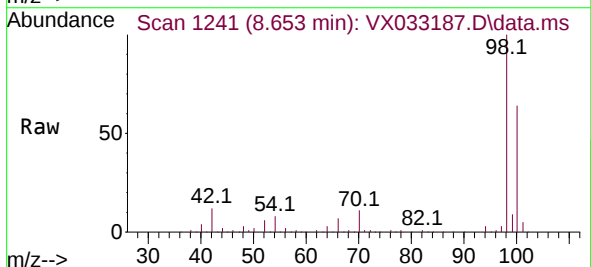
Acq: 02 Dec 2022 15:48

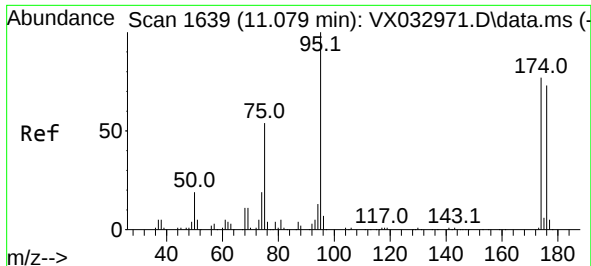
Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

58 208.9 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 42.843 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033187.D

Acq: 02 Dec 2022 15:48

Instrument :

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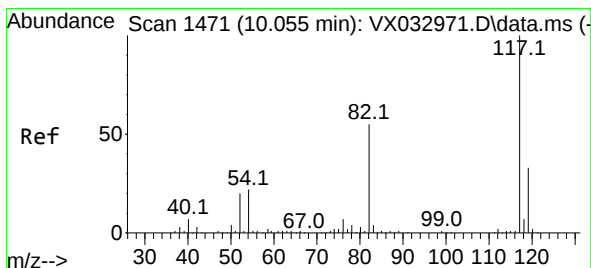
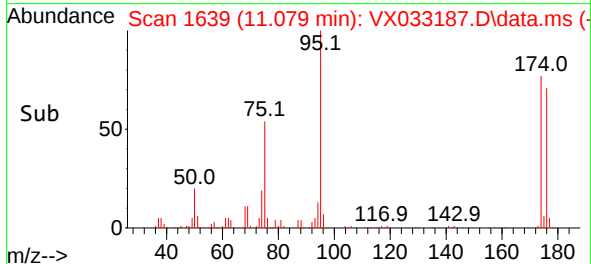
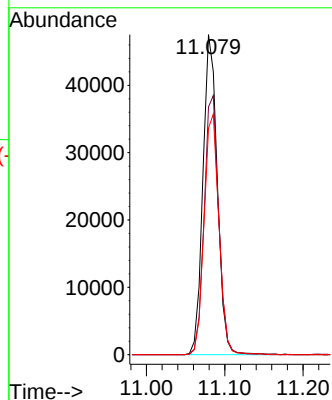
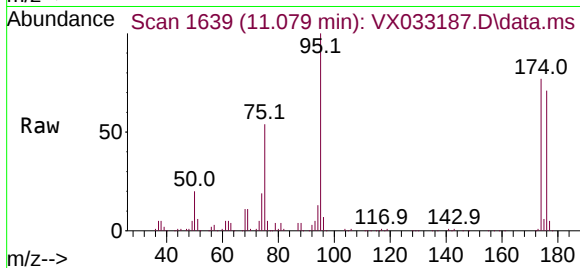
Tgt Ion: 95 Resp: 60682

Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 77.4 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: VX033187.D

Acq: 02 Dec 2022 15:48

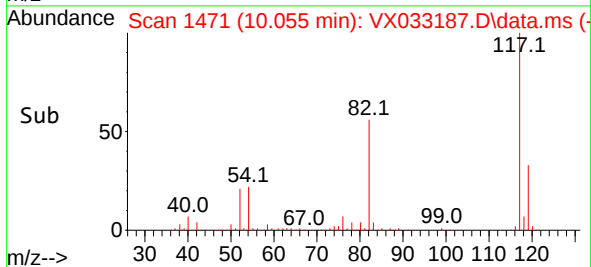
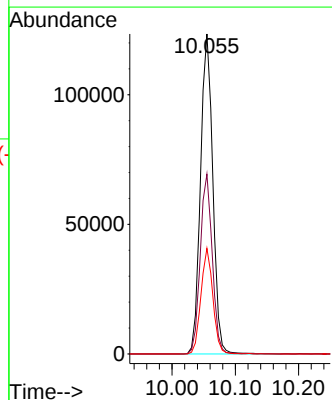
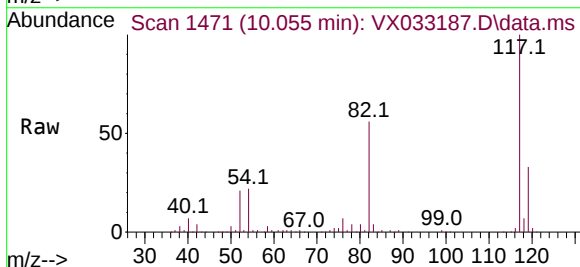
Tgt Ion: 117 Resp: 167078

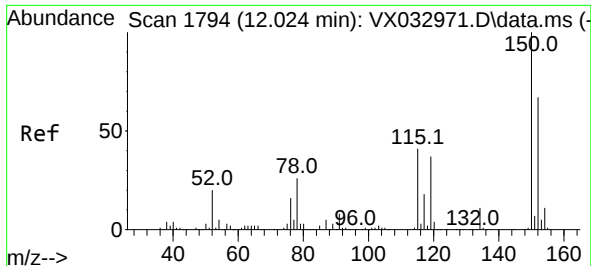
Ion Ratio Lower Upper

117 100

82 56.2 44.3 66.5

119 33.0 25.7 38.5

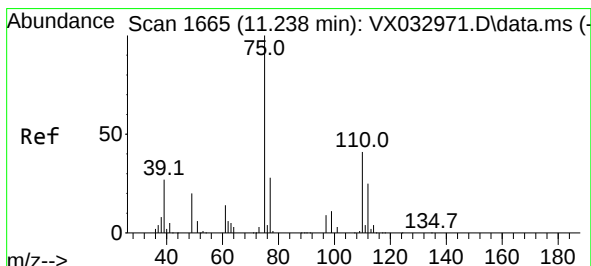
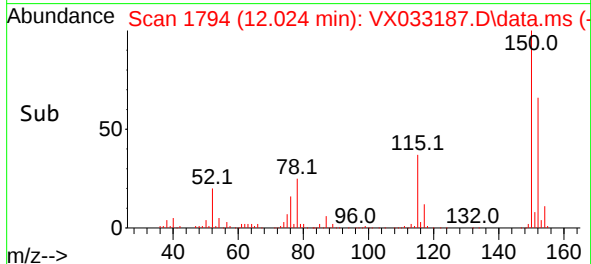
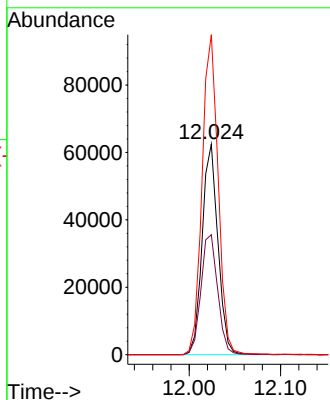
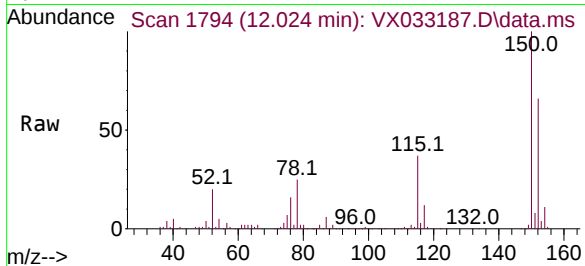




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033187.D
 Acq: 02 Dec 2022 15:48

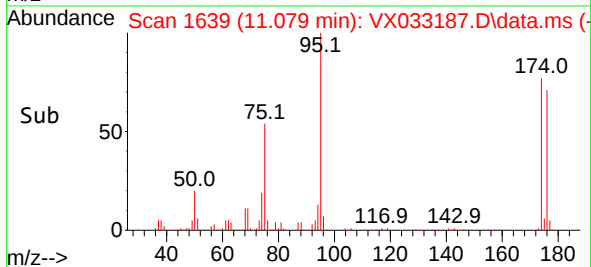
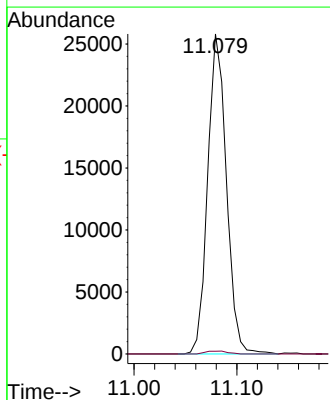
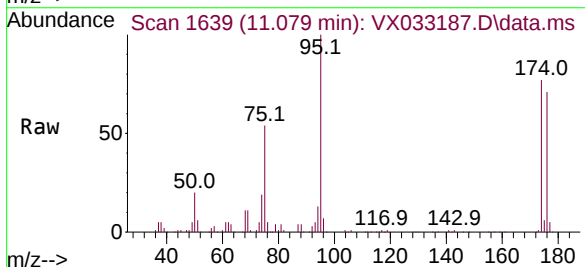
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-OUT-03-12012022

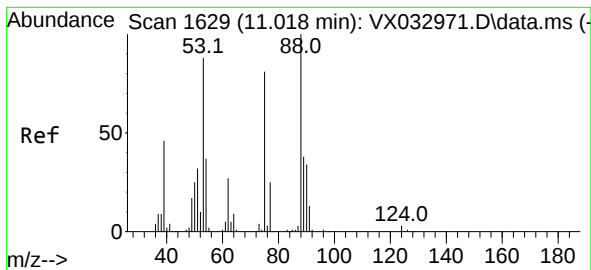
Tgt Ion:152 Resp: 74729
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.0 132.0
 150 154.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 23.043 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033187.D
 Acq: 02 Dec 2022 15:48

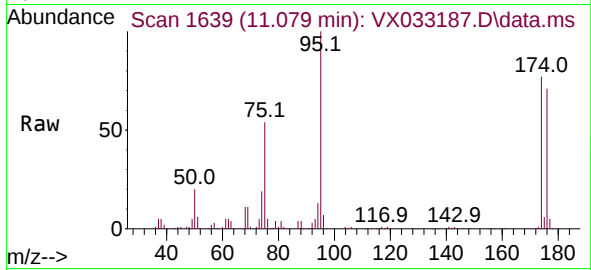
Tgt Ion: 75 Resp: 32611
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.899 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033187.D
 Acq: 02 Dec 2022 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-OUT-03-12012022



Tgt Ion: 75 Resp: 32611
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

