

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033186.D
 Acq On : 02 Dec 2022 15:25
 Operator : JC/MD
 Sample : N5852-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 03 04:33:24 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)

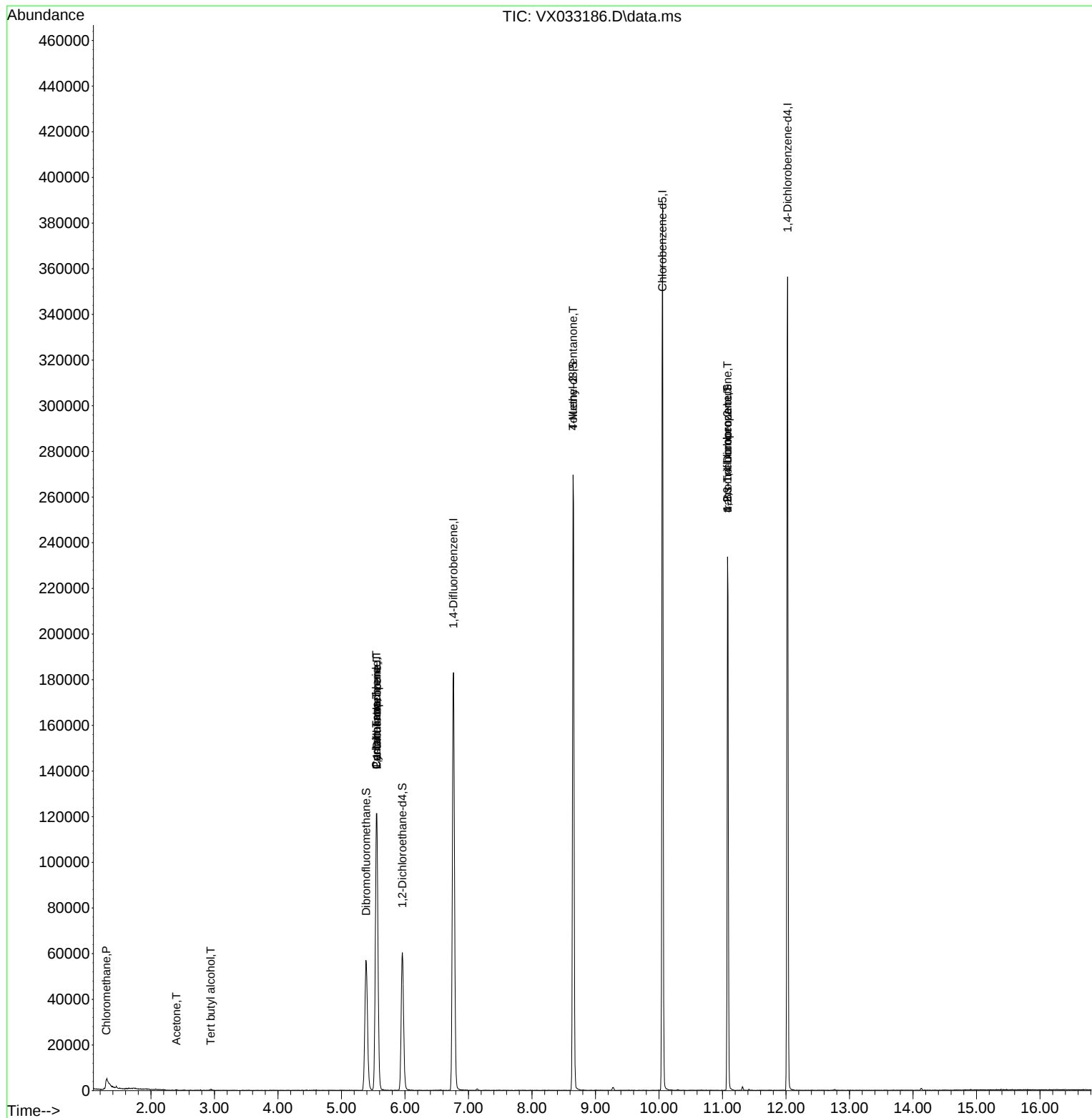
Internal Standards						
1) Pentafluorobenzene	5.556	168	115029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61341	54.879	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.760%			
35) Dibromofluoromethane	5.385	113	49855	47.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	8.647	98	160980	50.861	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	58831	42.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.080%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	277	0.292	ug/l #	43
11) Tert butyl alcohol	2.941	59	279	1.571	ug/l #	72
16) Acetone	2.398	43	343	0.656	ug/l	99
20) Methylene Chloride	2.782	84	44	Below Cal	#	57
31) Cyclohexane	5.550	56	2349	1.294	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	8834	5.248	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12138	6.500	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	612	0.408	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32080	22.549	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32080	73.295	ug/l #	6

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

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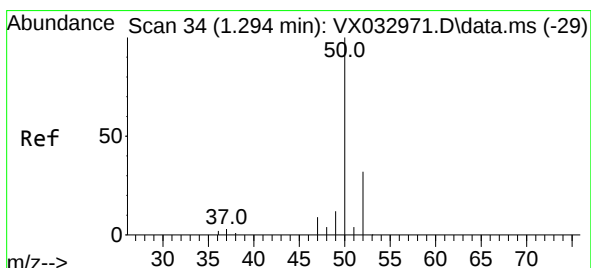
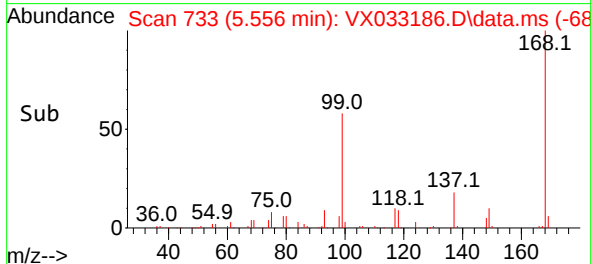
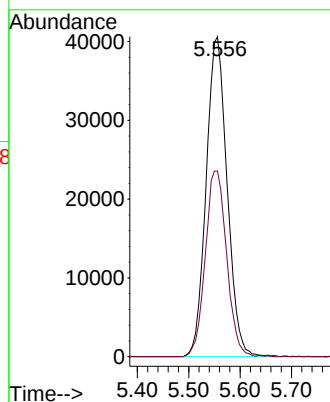
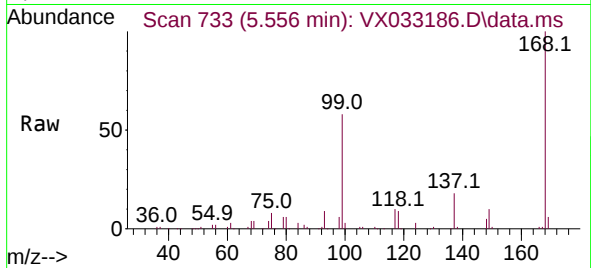




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

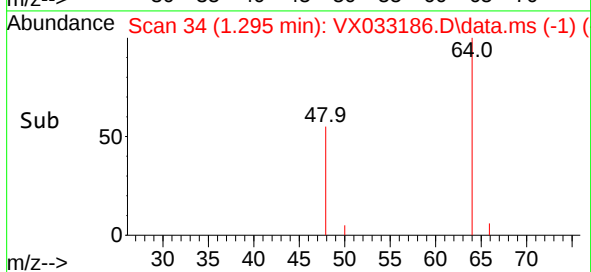
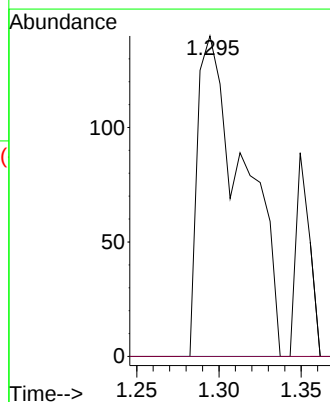
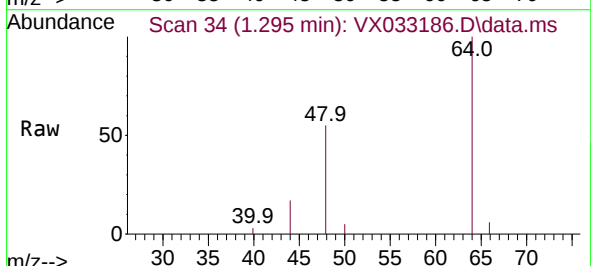
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-IN-03-12012022

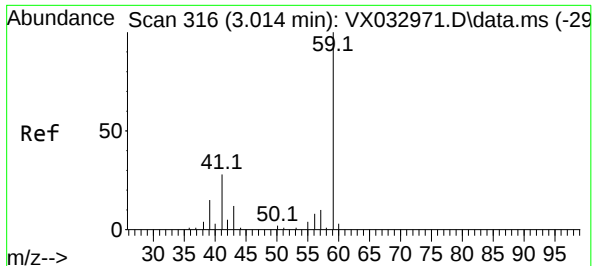
Tgt Ion:168 Resp: 115029
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.571 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX033186.D

Acq: 02 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

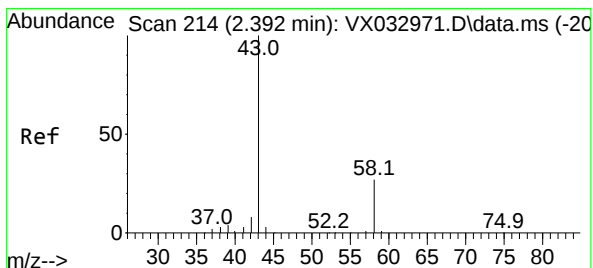
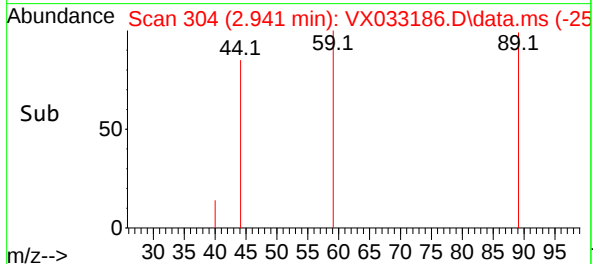
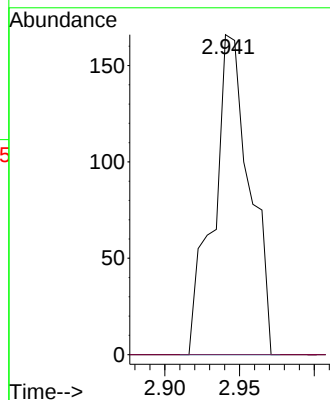
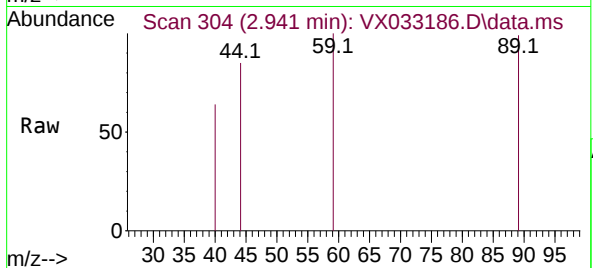
RW9-PT-IN-03-12012022

Tgt Ion: 59 Resp: 279

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.656 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.018 min

Lab File: VX033186.D

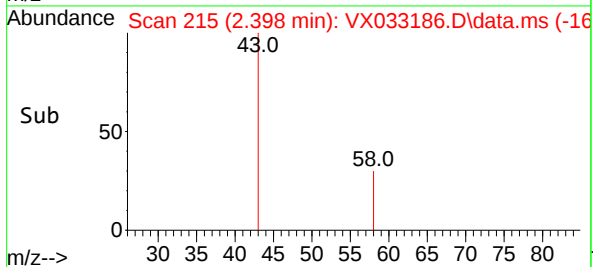
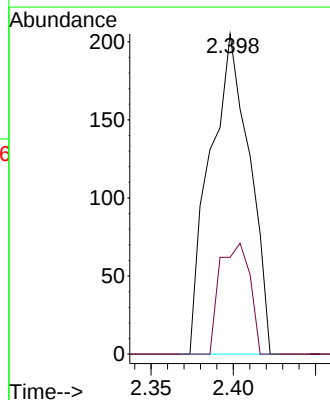
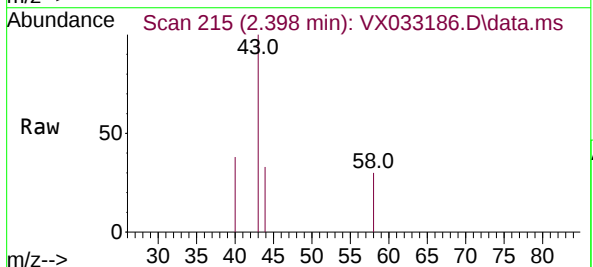
Acq: 02 Dec 2022 15:25

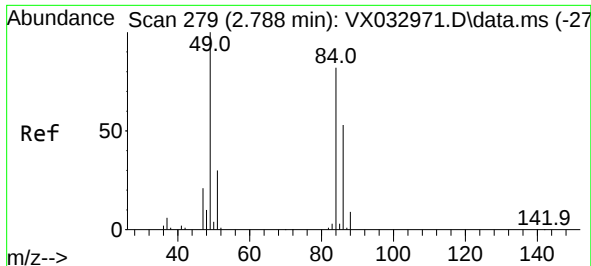
Tgt Ion: 43 Resp: 343

Ion Ratio Lower Upper

43 100

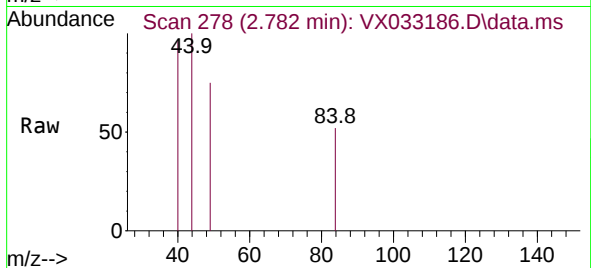
58 30.2 23.8 35.8



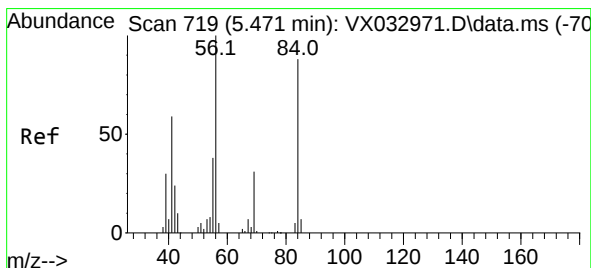
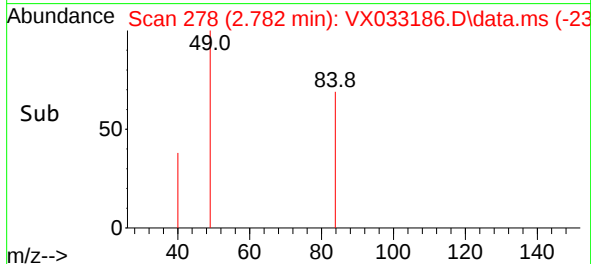
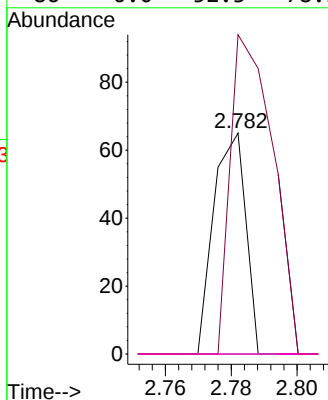


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

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

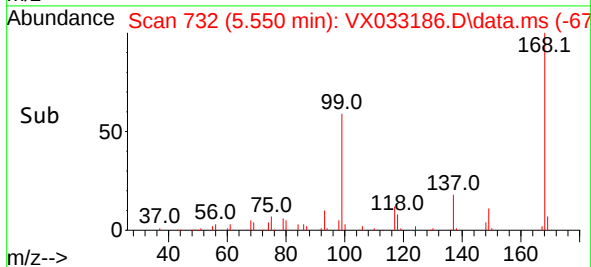
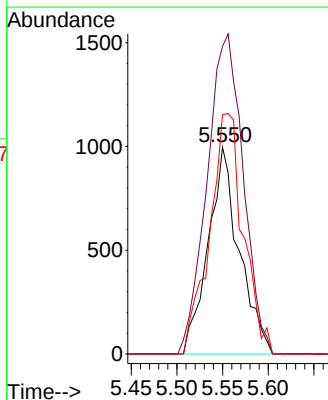
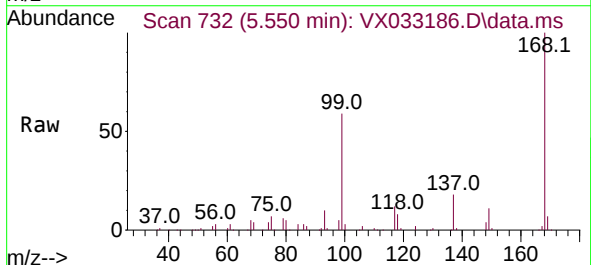


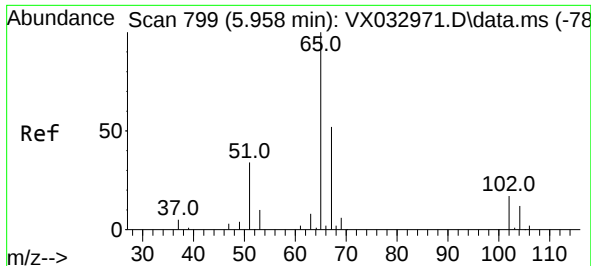
Tgt Ion: 84 Resp: 44
Ion Ratio Lower Upper
84 100
49 144.6 101.0 151.6
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

Tgt Ion: 56 Resp: 2349
Ion Ratio Lower Upper
56 100
69 148.6 24.1 36.1#
84 115.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.879 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033186.D

Acq: 02 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

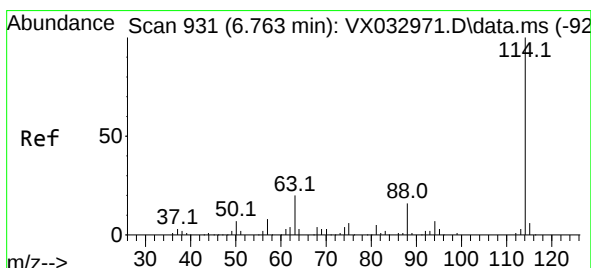
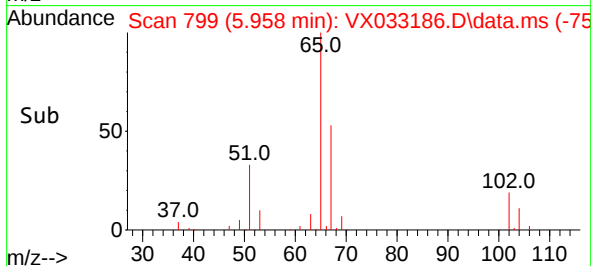
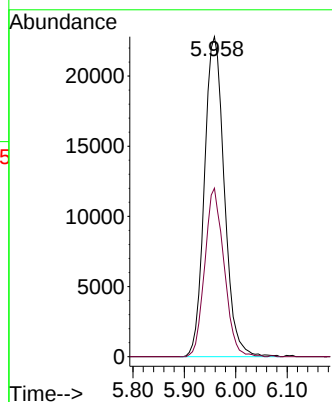
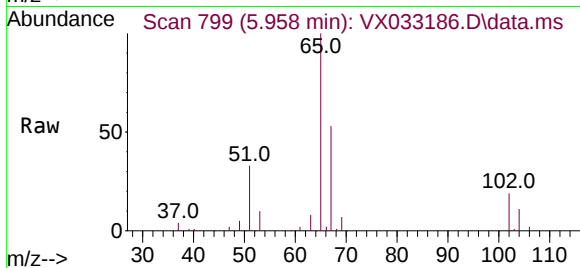
RW9-PT-IN-03-12012022

Tgt Ion: 65 Resp: 61341

Ion Ratio Lower Upper

65 100

67 51.0 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: VX033186.D

Acq: 02 Dec 2022 15:25

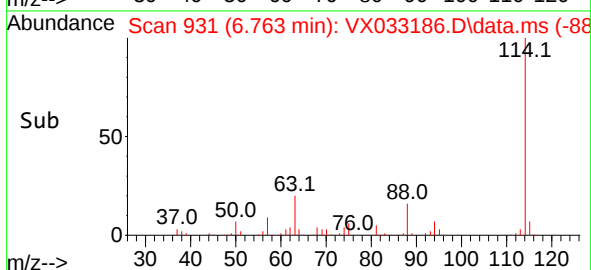
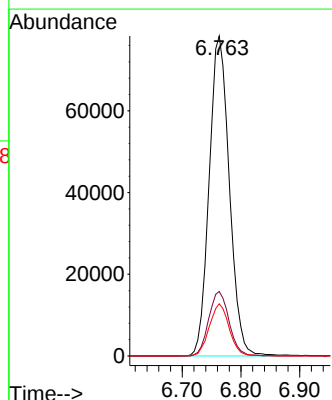
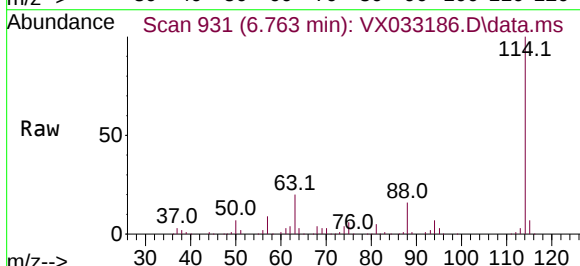
Tgt Ion: 114 Resp: 186730

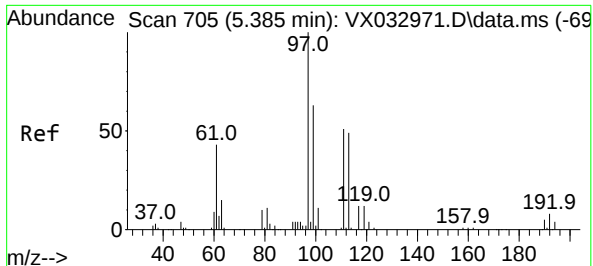
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 16.3 0.0 33.4

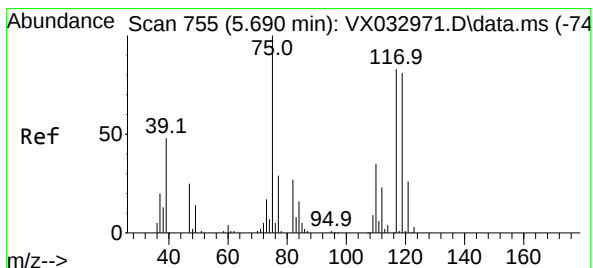
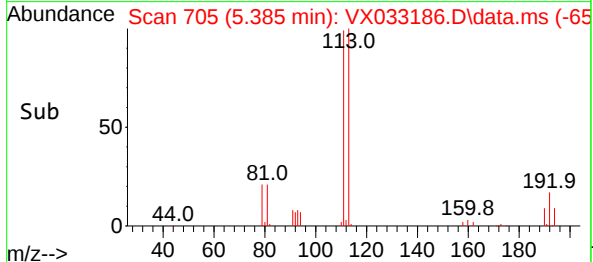
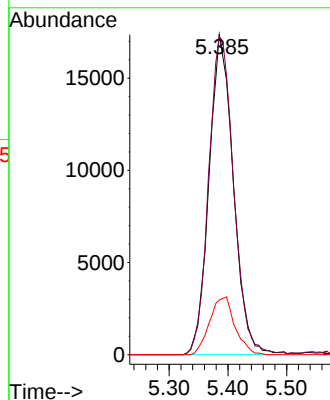
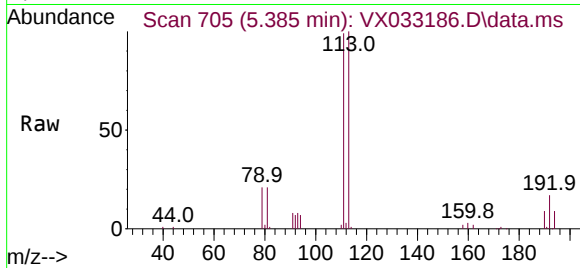




#35
Dibromofluoromethane
Concen: 47.359 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

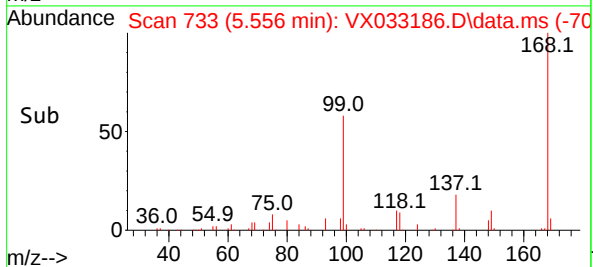
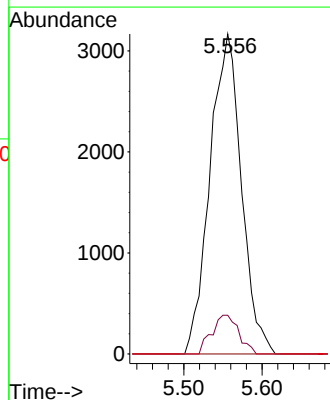
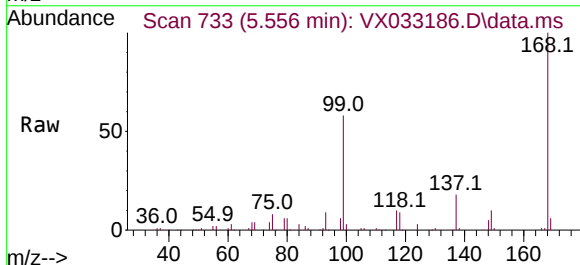
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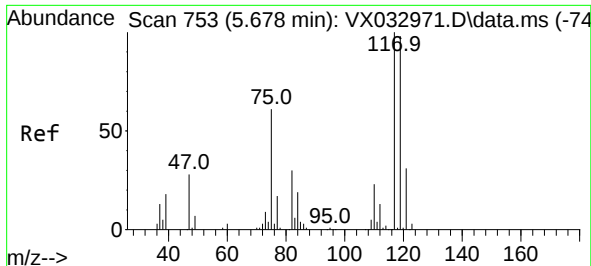
Tgt Ion:	113	Resp:	49855
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	18.7	15.4	23.2



#36
1,1-Dichloropropene
Concen: 5.248 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

Tgt Ion:	75	Resp:	8834
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.4	55.2#
77	0.0	24.5	36.7#

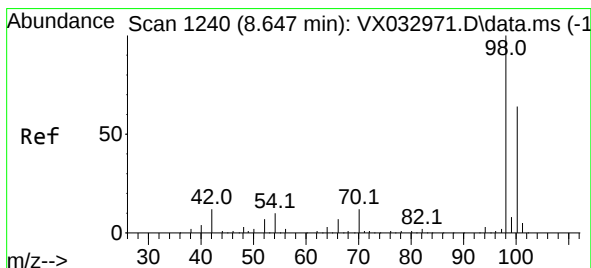
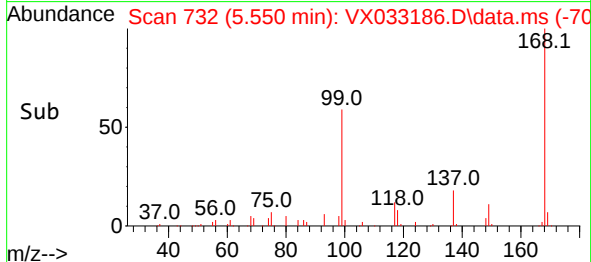
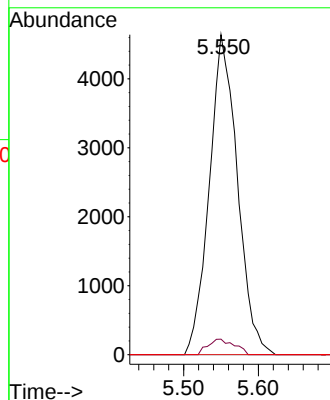
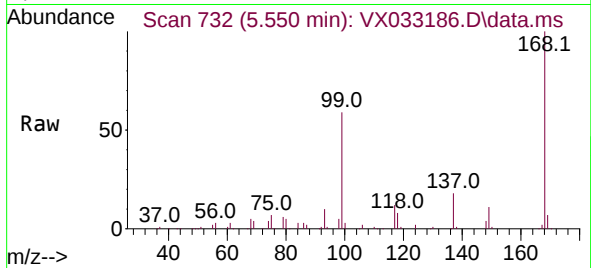




#38
Carbon Tetrachloride
Concen: 6.500 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

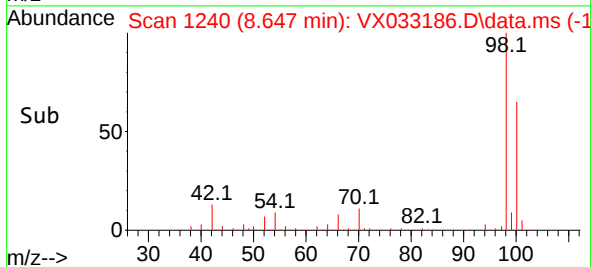
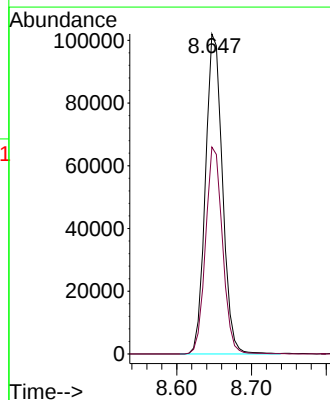
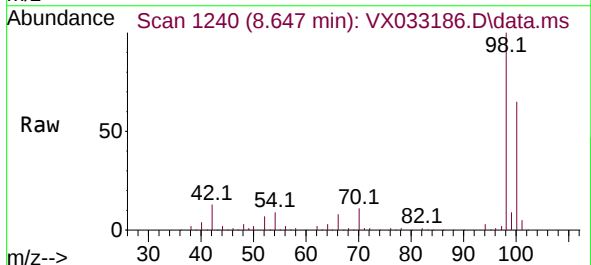
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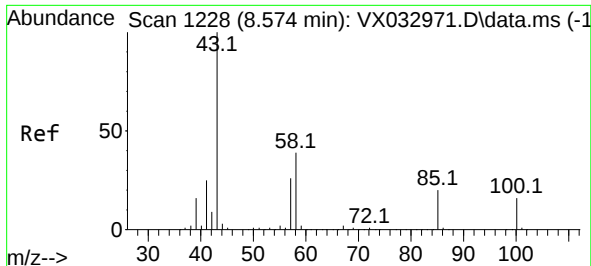
Tgt Ion:117 Resp: 12138
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.861 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

Tgt Ion: 98 Resp: 160980
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.408 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033186.D

Acq: 02 Dec 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

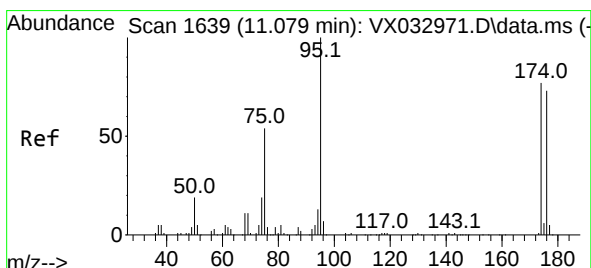
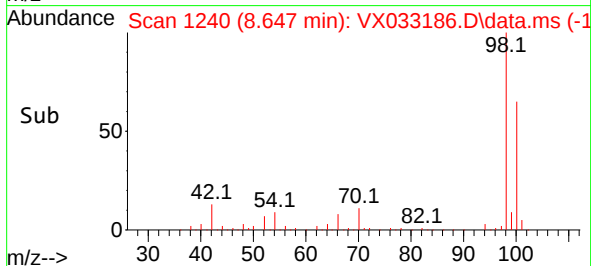
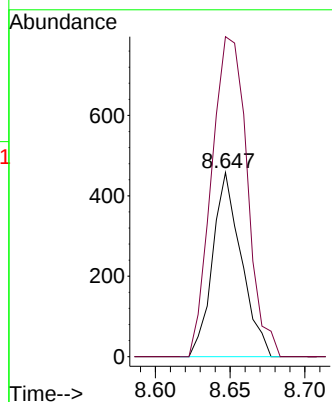
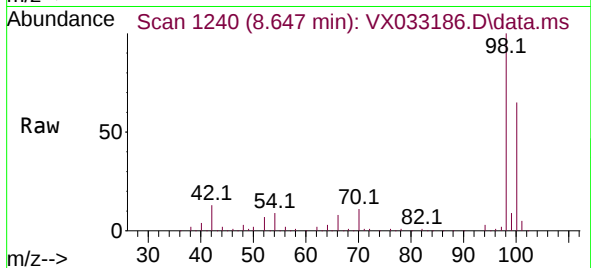
RW9-PT-IN-03-12012022

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

58 214.9 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 42.543 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033186.D

Acq: 02 Dec 2022 15:25

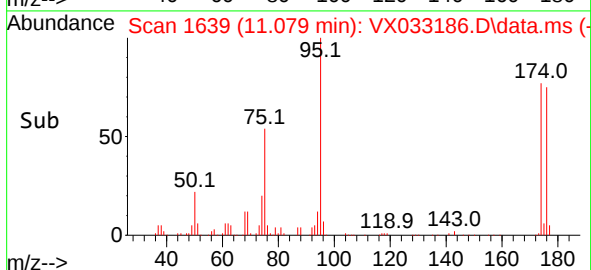
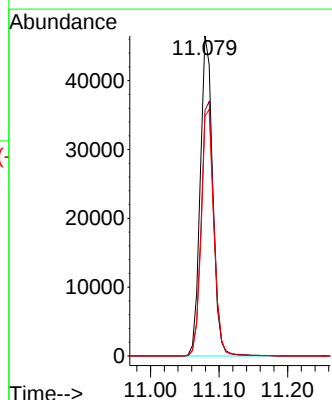
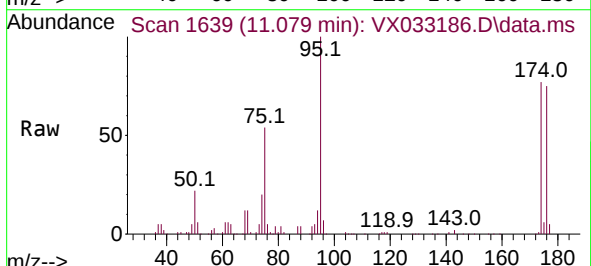
Tgt Ion: 95 Resp: 58831

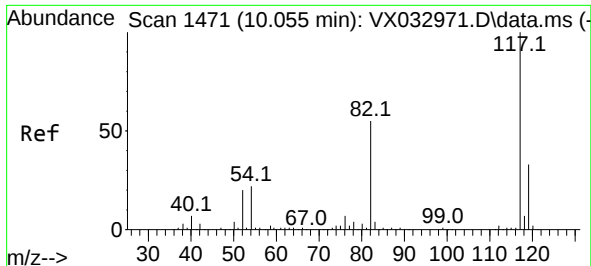
Ion Ratio Lower Upper

95 100

174 81.3 0.0 164.0

176 78.4 0.0 154.4

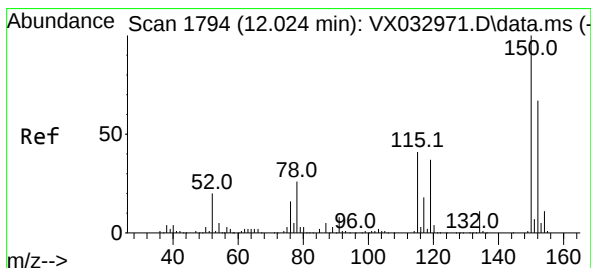
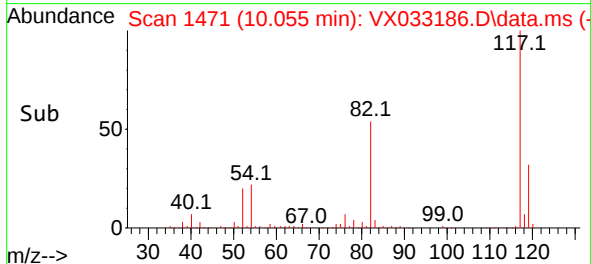
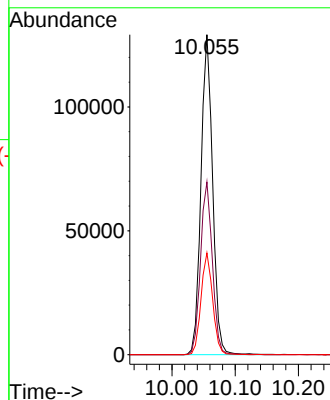
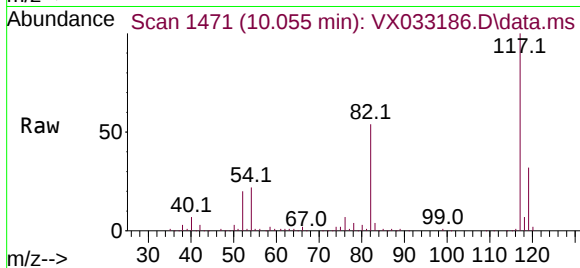




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

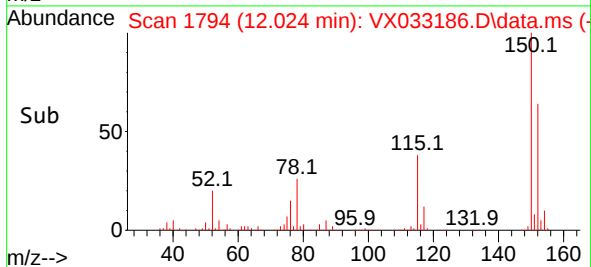
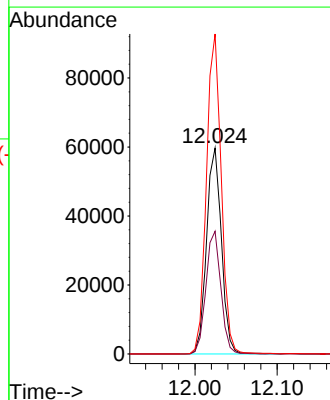
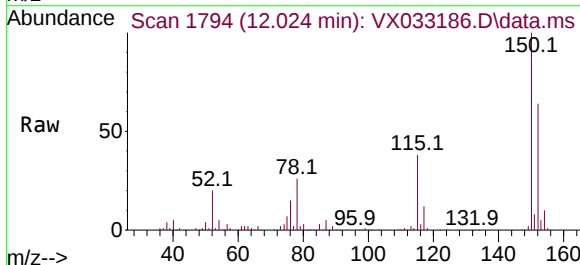
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-IN-03-12012022

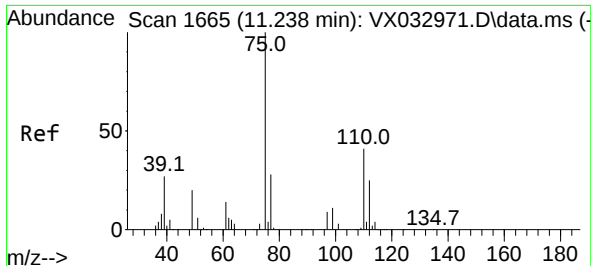
Tgt Ion:117 Resp: 165653
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

Tgt Ion:152 Resp: 75121
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 154.4 0.0 351.8

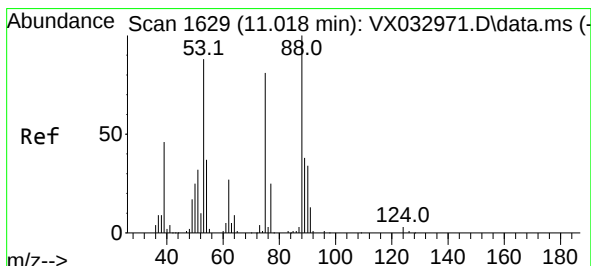
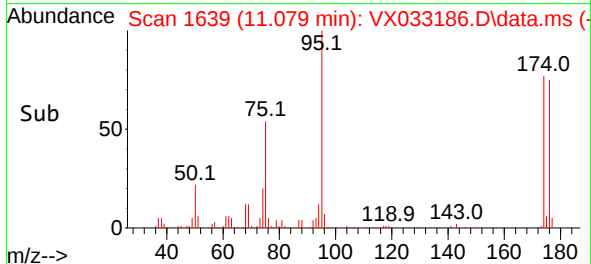
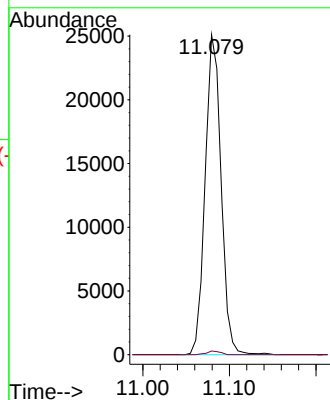
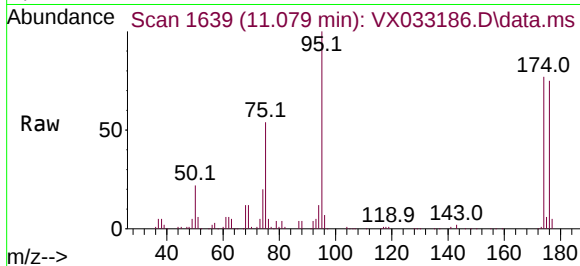




#76
1,2,3-Trichloropropane
Concen: 22.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

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

Tgt Ion: 75 Resp: 32080
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033186.D
Acq: 02 Dec 2022 15:25

Tgt Ion: 75 Resp: 32080
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

