

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045624.D
 Acq On : 08 Nov 2021 18:36
 Operator : SY/MD
 Sample : M4485-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 AG-9

Quant Time: Nov 09 10:01:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

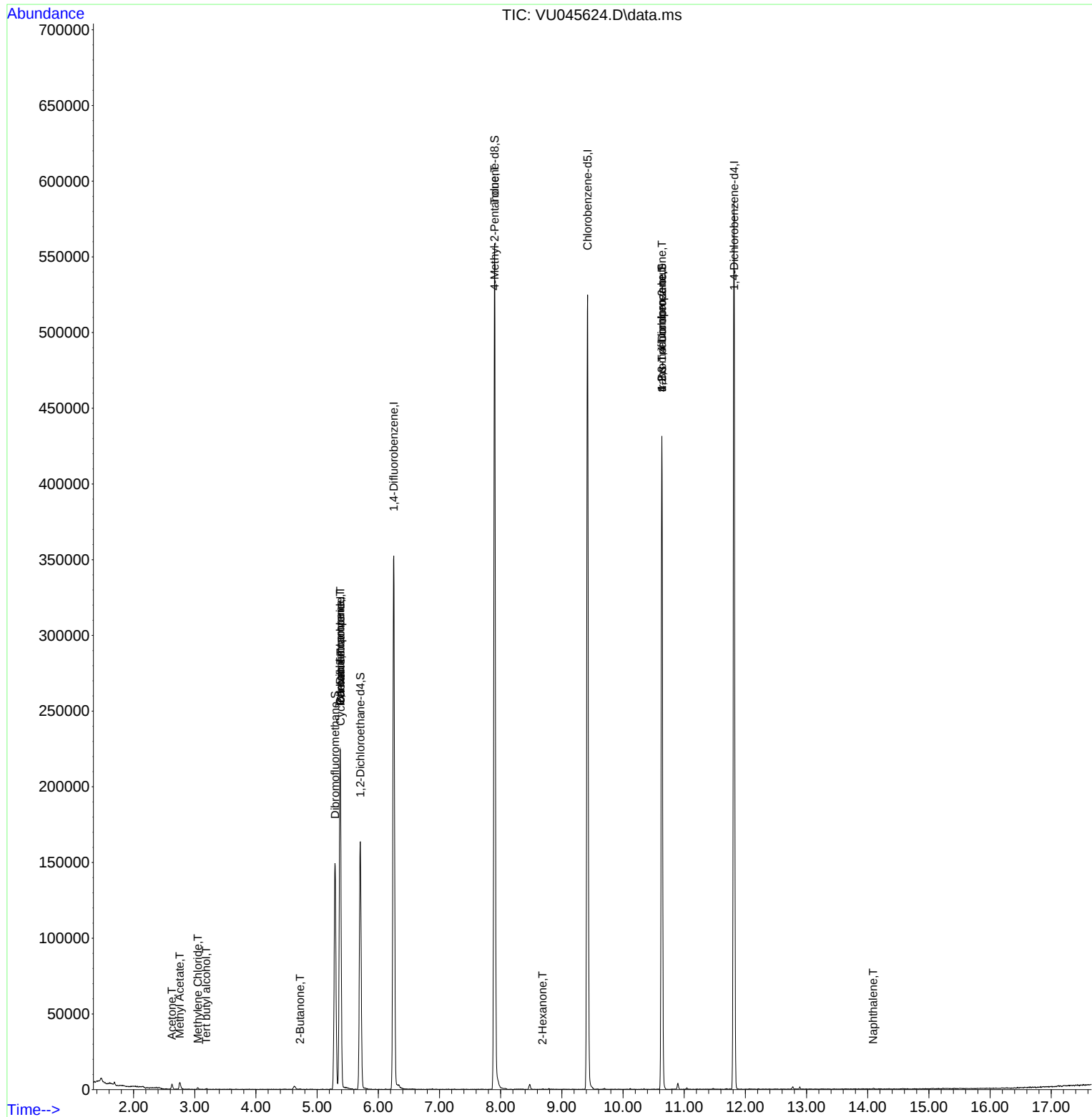
Internal Standards						
1) Pentafluorobenzene	5.378	168	148338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	282976	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	287211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	147401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	123523	55.603	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	111.200%	
35) Dibromofluoromethane	5.292	113	94441	49.988	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.980%	
50) Toluene-d8	7.903	98	368048	52.389	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	104.780%	
62) 4-Bromofluorobenzene	10.636	95	142288	50.509	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	218	0.496	ug/l #	72
16) Acetone	2.626	43	3527	3.119	ug/l	98
18) Methyl Acetate	2.755	43	1336	0.347	ug/l #	50
20) Methylene Chloride	3.051	84	464	0.236	ug/l #	85
25) 2-Butanone	4.719	43	549	0.350	ug/l #	47
31) Cyclohexane	5.382	56	3192	0.985	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	13039	4.726	ug/l #	50
38) Carbon Tetrachloride	5.378	117	15764	5.667	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1583	0.495	ug/l #	1
59) 2-Hexanone	8.684	43	198	7.604	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	76319	17.073	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	76319	55.576	ug/l #	12
95) Naphthalene	14.089	128	666	1.083	ug/l #	69

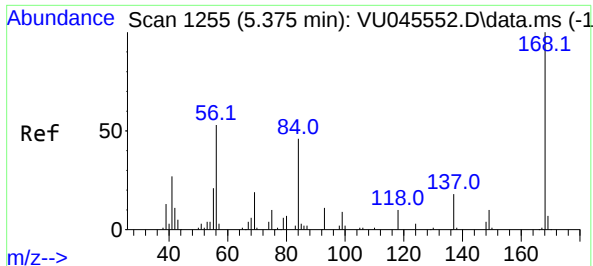
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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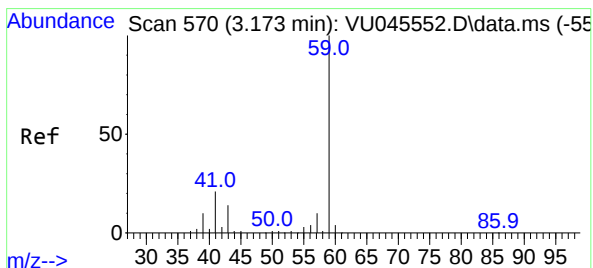
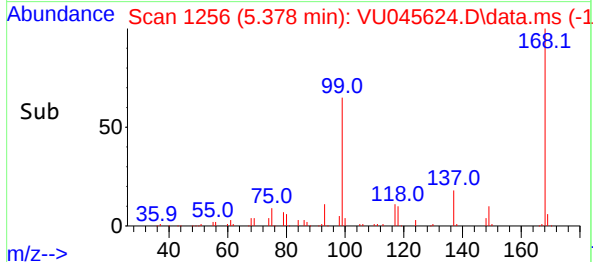
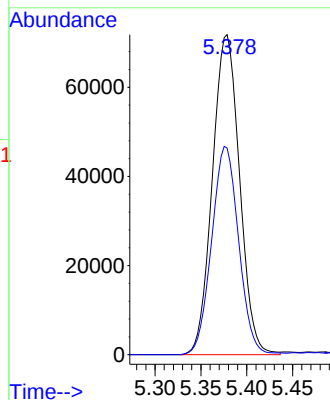
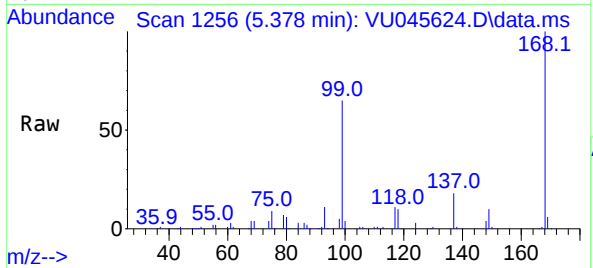




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

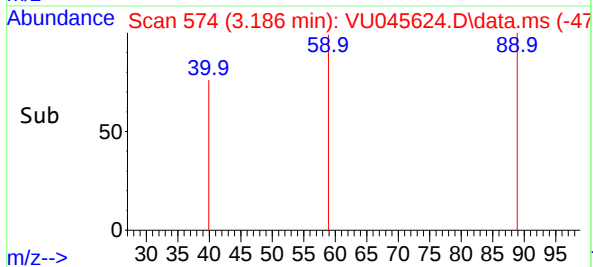
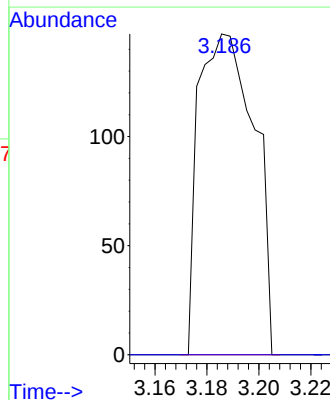
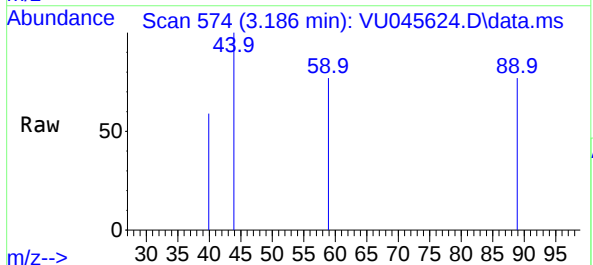
Instrument :
MSVOA_U
ClientSampleId :
AG-9

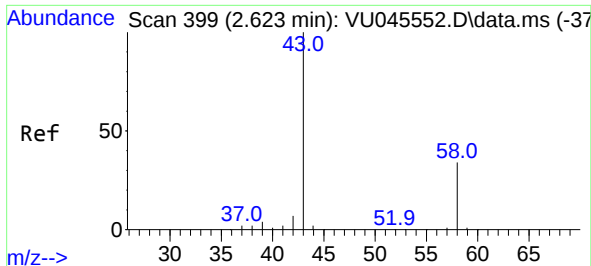
Tgt Ion:168 Resp: 148338
Ion Ratio Lower Upper
168 100
99 64.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.496 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 3.119 ug/l

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

Instrument :

MSVOA_U

ClientSampleId :

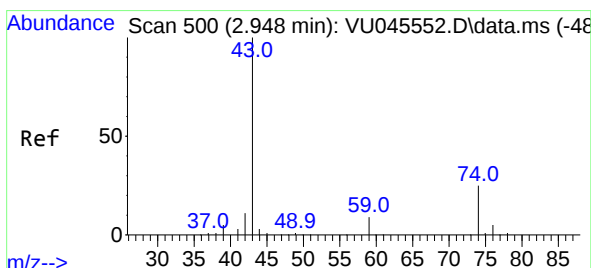
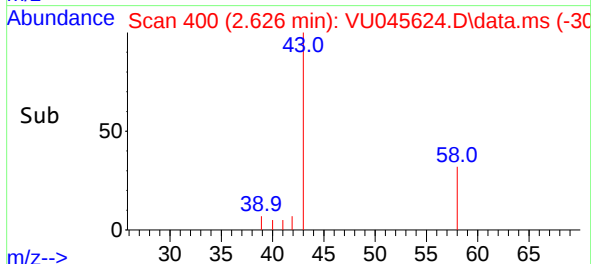
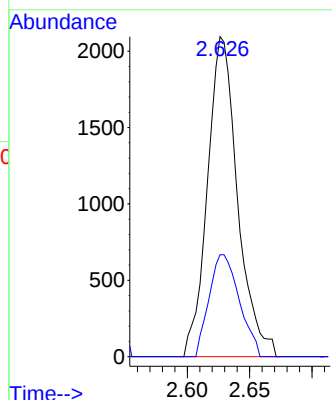
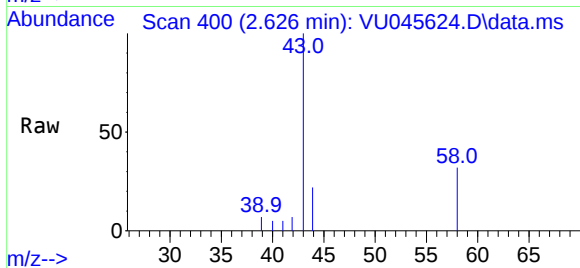
AG-9

Tgt Ion: 43 Resp: 3527

Ion Ratio Lower Upper

43 100

58 31.8 26.2 39.2



#18

Methyl Acetate

Concen: 0.347 ug/l

RT: 2.755 min Scan# 440

Delta R.T. -0.193 min

Lab File: VU045624.D

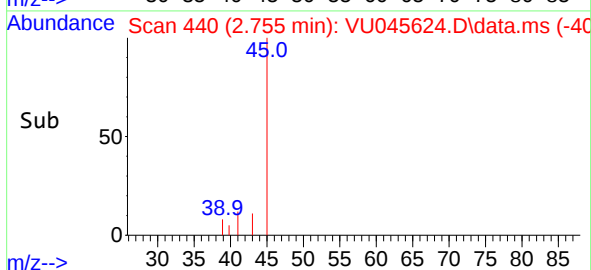
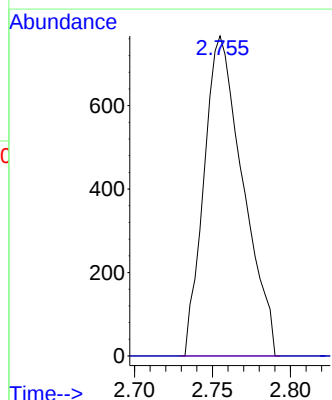
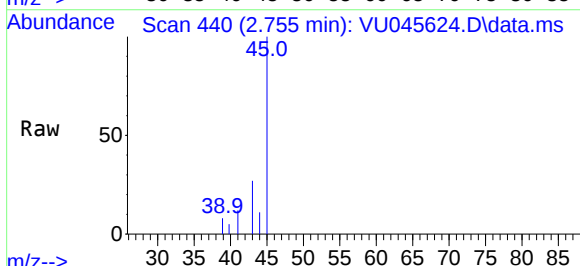
Acq: 08 Nov 2021 18:36

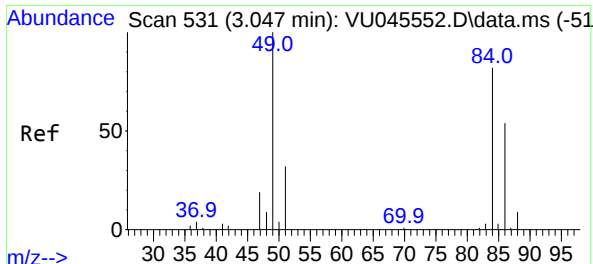
Tgt Ion: 43 Resp: 1336

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



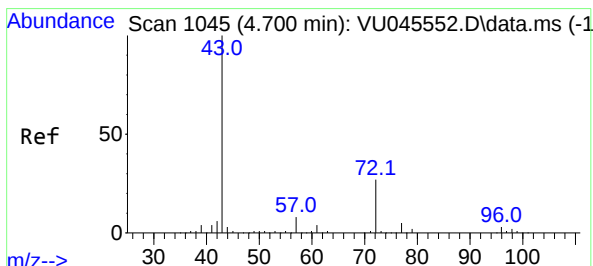
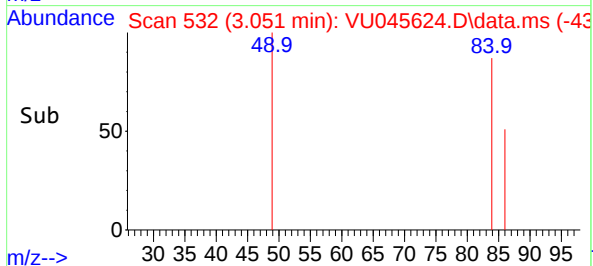
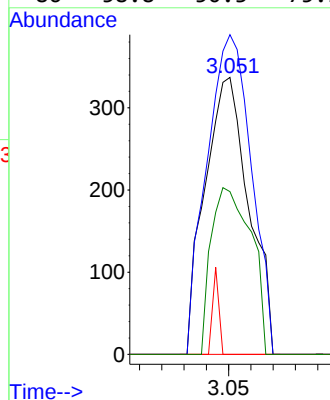
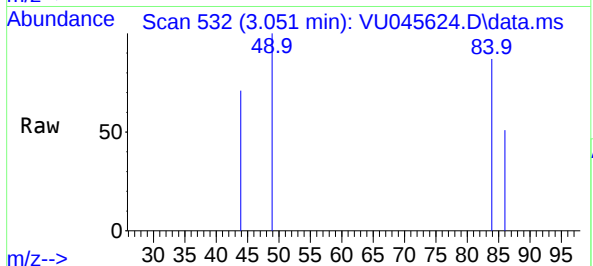


#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

Instrument :
MSVOA_U
ClientSampleId :
AG-9

Tgt Ion: 84 Resp: 464

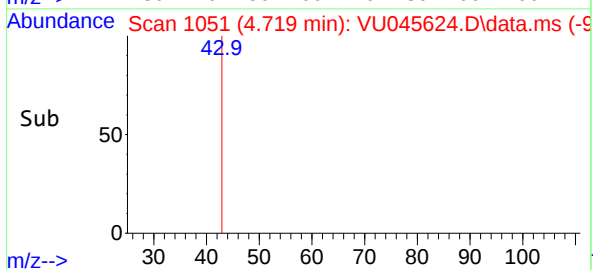
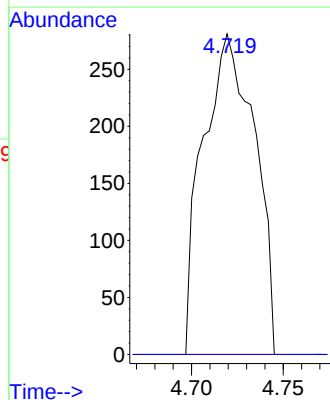
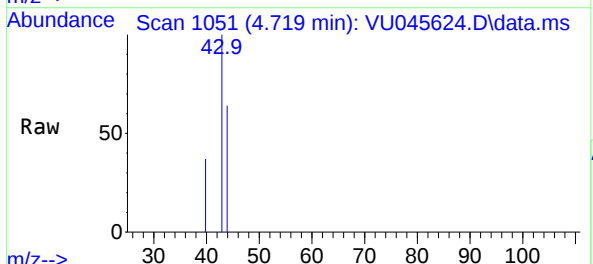
Ion	Ratio	Lower	Upper
84	100		
49	115.4	96.4	144.6
51	0.0	30.5	45.7#
86	58.8	50.3	75.5

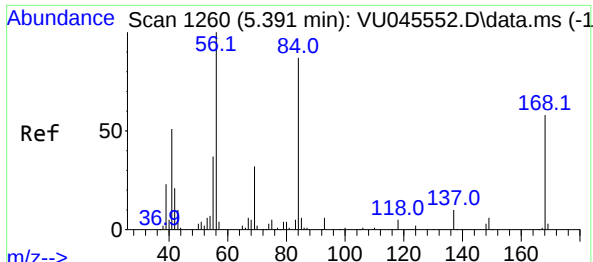


#25
2-Butanone
Concen: 0.350 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

Tgt Ion: 43 Resp: 549

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

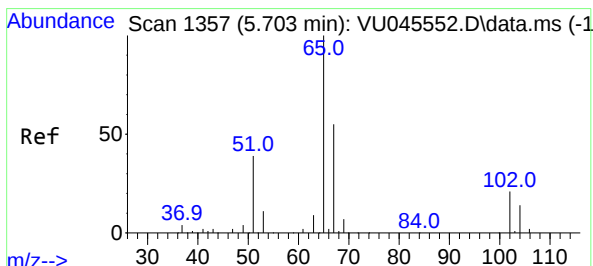
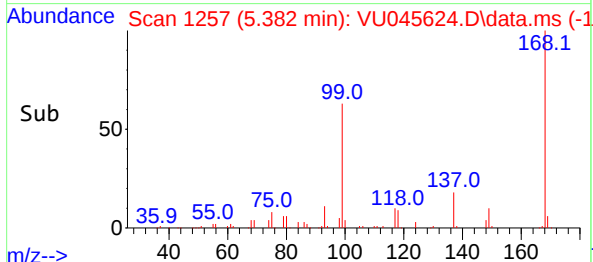
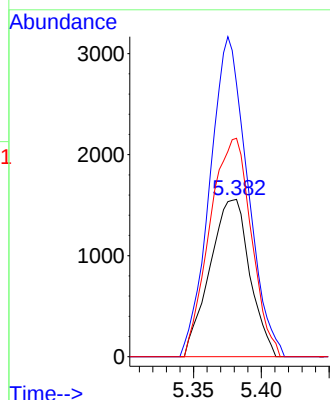
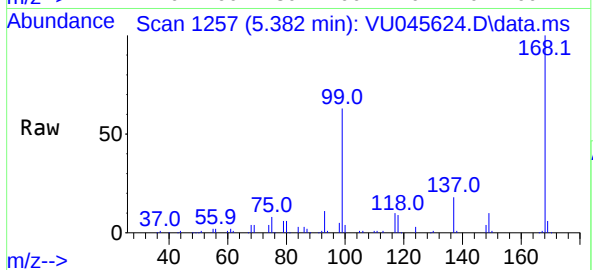




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

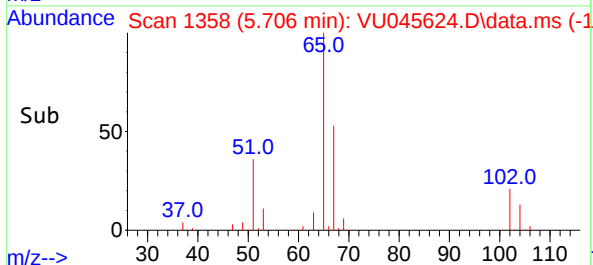
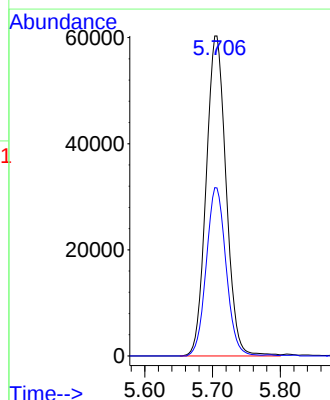
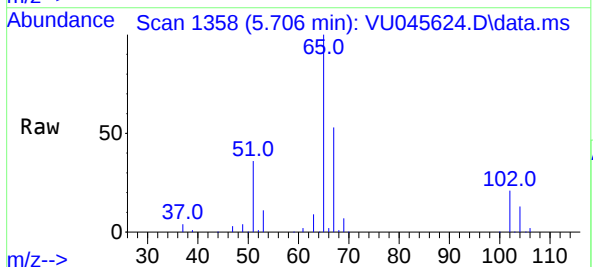
Instrument :
MSVOA_U
ClientSampleId :
AG-9

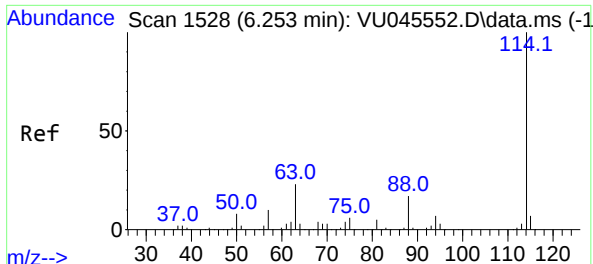
Tgt Ion: 56 Resp: 3192
Ion Ratio Lower Upper
56 100
69 173.5 26.4 39.6#
84 138.9 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.603 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

Tgt Ion: 65 Resp: 123523
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

Instrument :

MSVOA_U

ClientSampleId :

AG-9

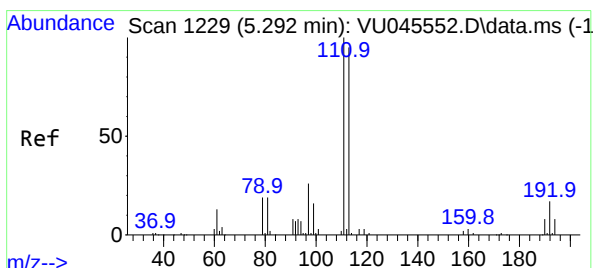
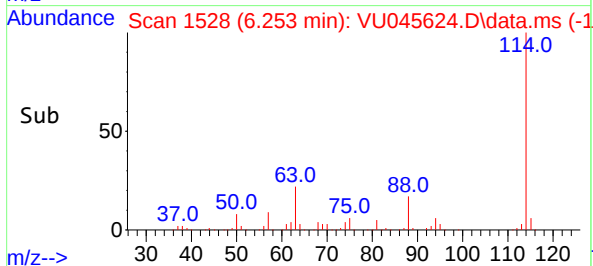
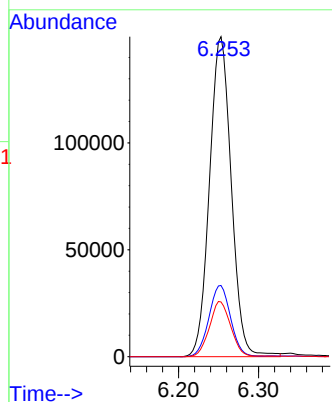
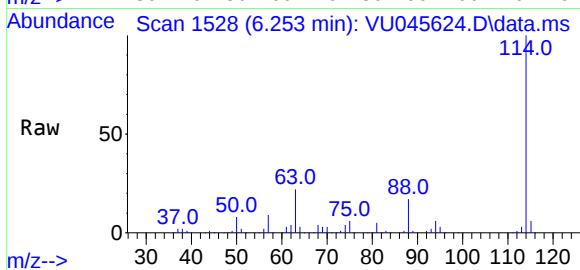
Tgt Ion:114 Resp: 282976

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 17.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.988 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

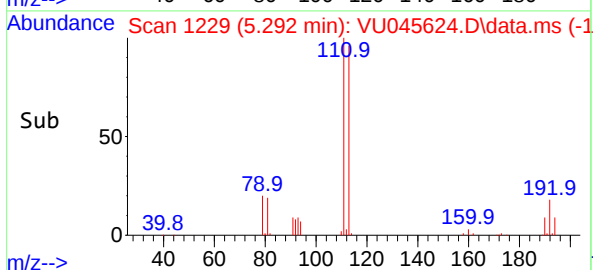
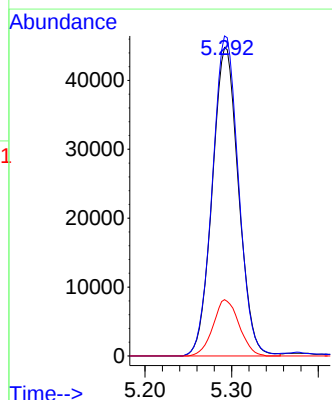
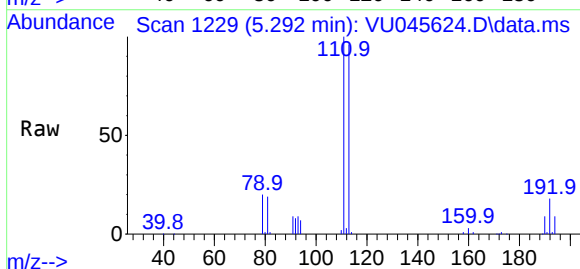
Tgt Ion:113 Resp: 94441

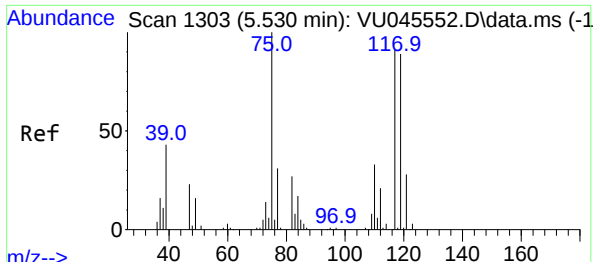
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

Instrument :

MSVOA_U

ClientSampleId :

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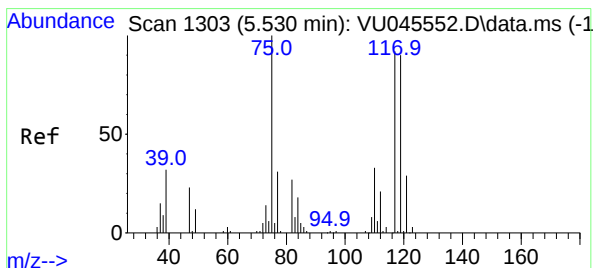
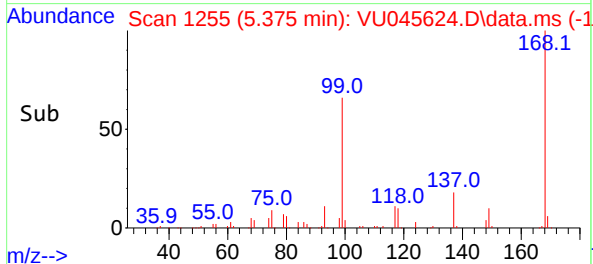
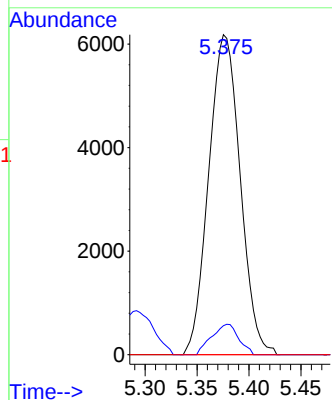
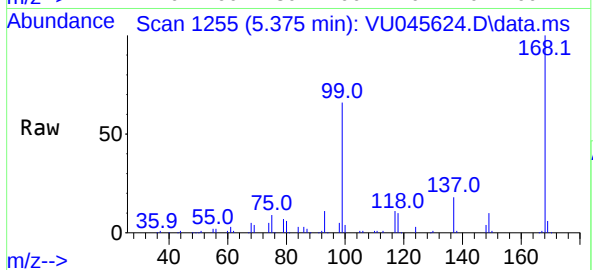
Tgt Ion: 75 Resp: 13039

Ion Ratio Lower Upper

75 100

110 8.1 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.667 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

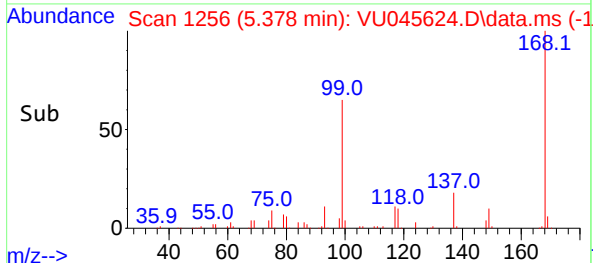
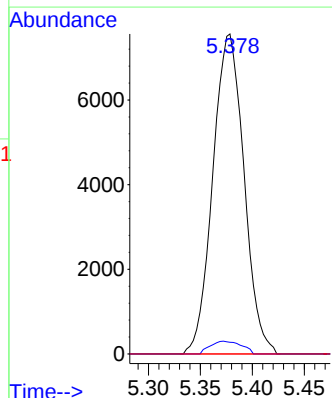
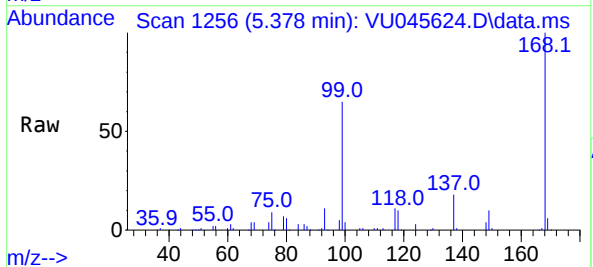
Tgt Ion:117 Resp: 15764

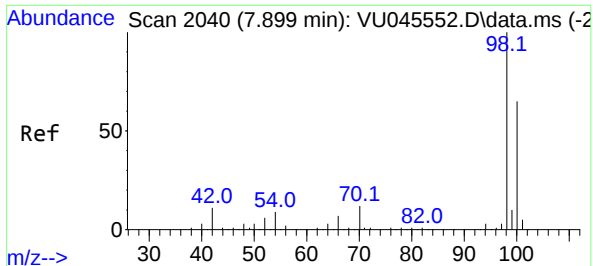
Ion Ratio Lower Upper

117 100

119 3.7 77.4 116.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.389 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

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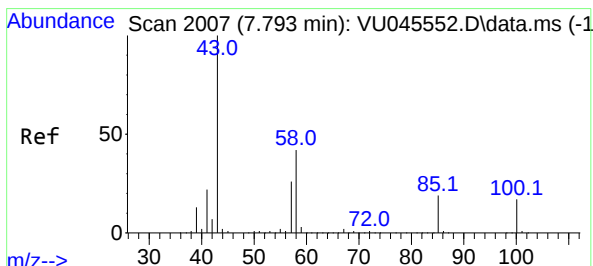
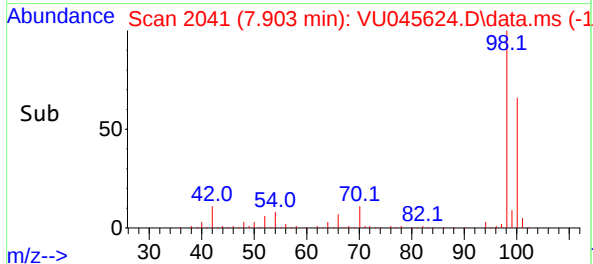
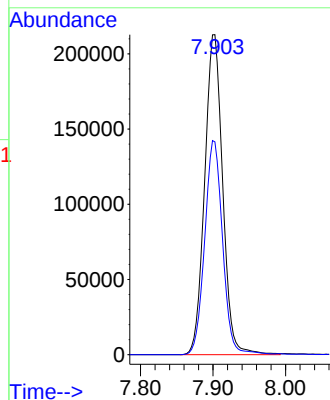
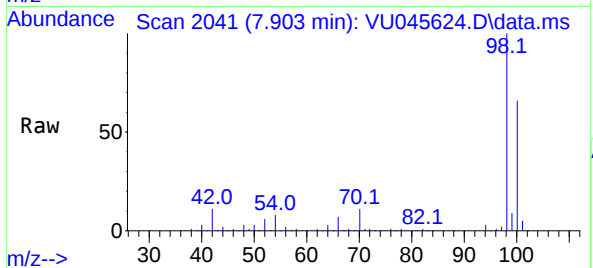
AG-9

Tgt Ion: 98 Resp: 368048

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.495 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.106 min

Lab File: VU045624.D

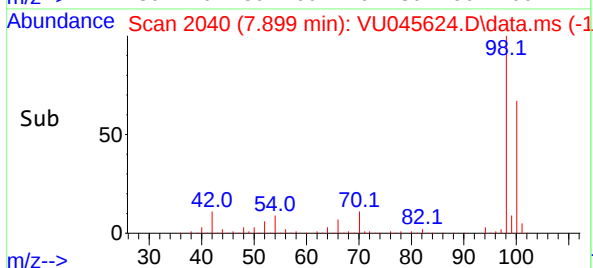
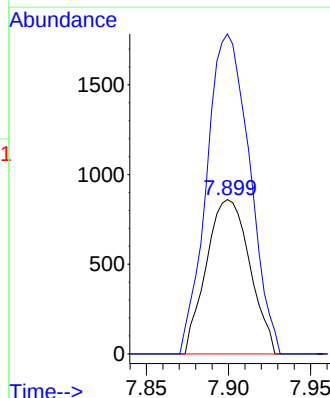
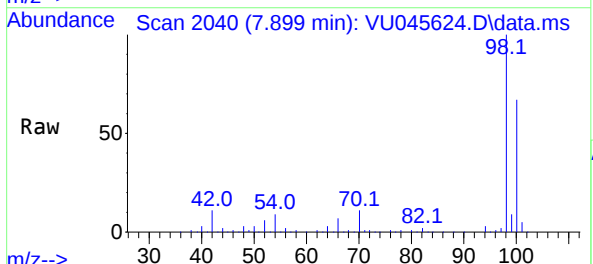
Acq: 08 Nov 2021 18:36

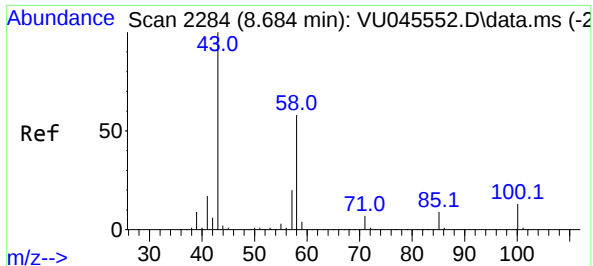
Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

58 204.9 33.8 50.8#





#59

2-Hexanone

Concen: 7.604 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

Instrument :

MSVOA_U

ClientSampleId :

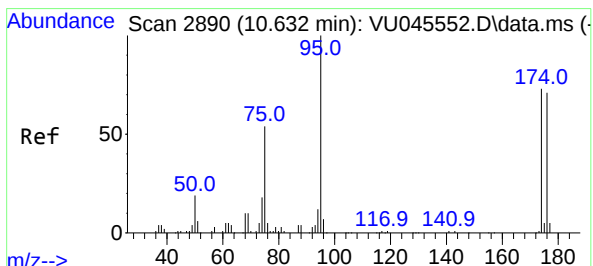
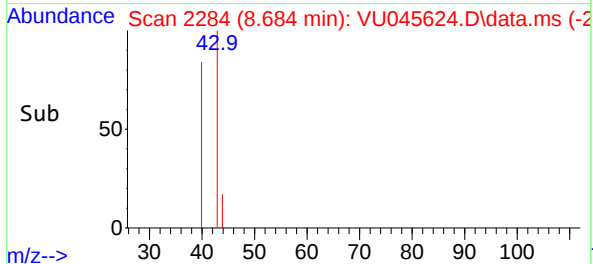
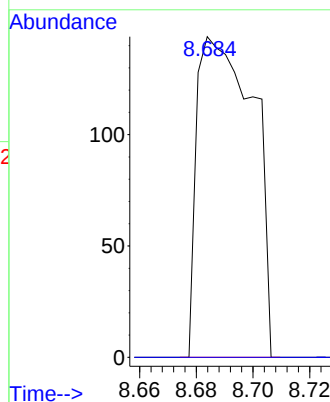
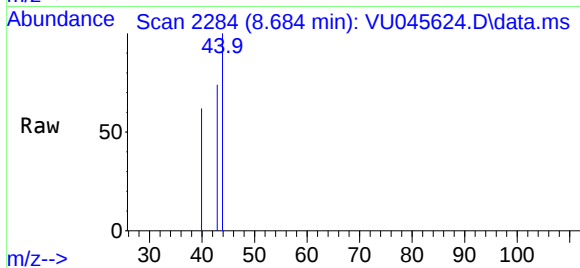
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Tgt Ion: 43 Resp: 198

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 50.509 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

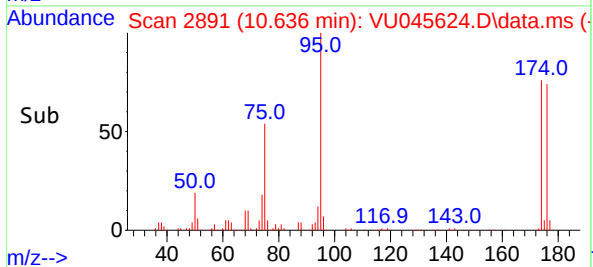
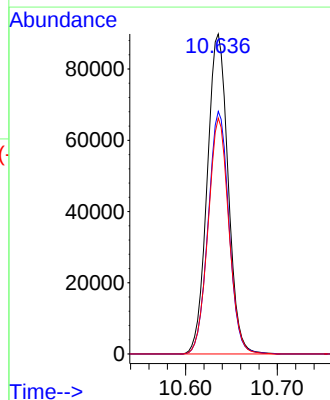
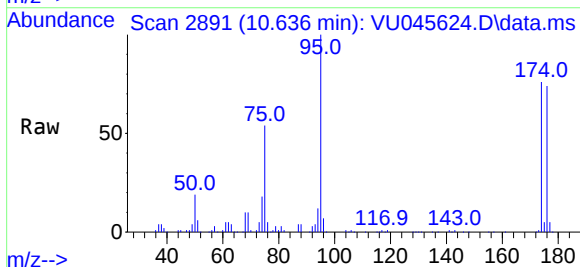
Tgt Ion: 95 Resp: 142288

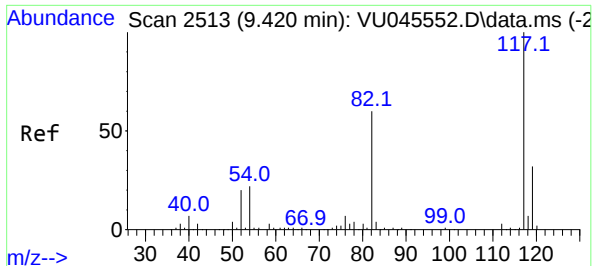
Ion Ratio Lower Upper

95 100

174 75.1 0.0 141.8

176 73.1 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

Instrument :

MSVOA_U

ClientSampleId :

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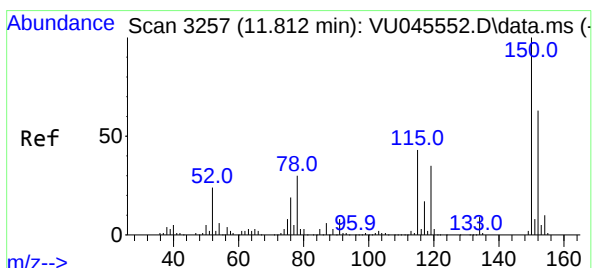
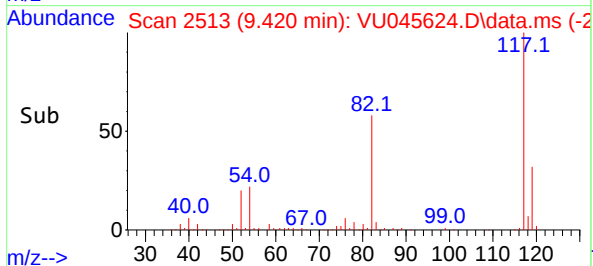
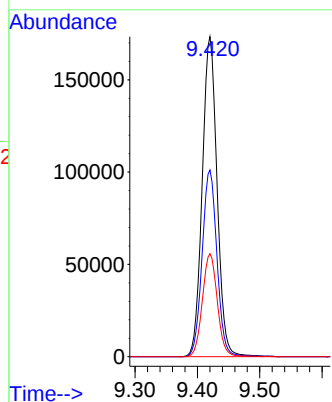
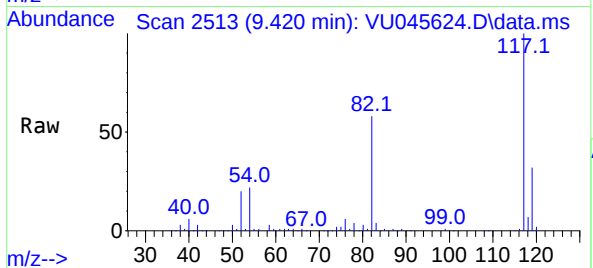
Tgt Ion:117 Resp: 287211

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.8

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045624.D

Acq: 08 Nov 2021 18:36

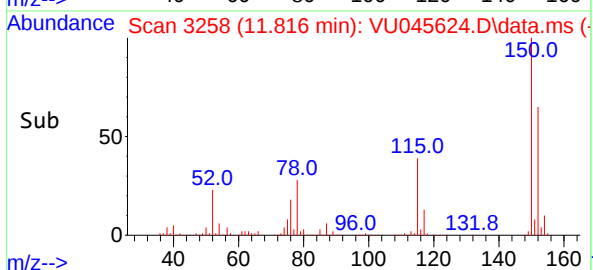
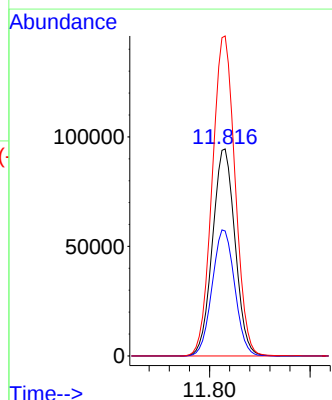
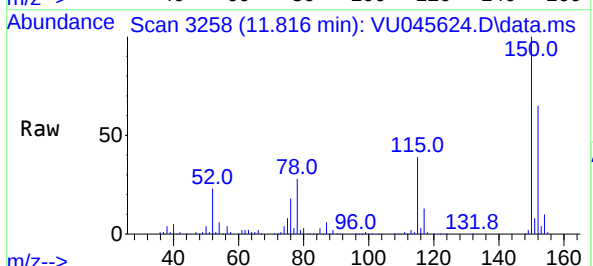
Tgt Ion:152 Resp: 147401

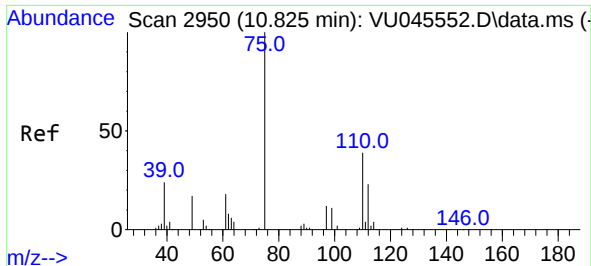
Ion Ratio Lower Upper

152 100

115 60.9 42.7 128.1

150 156.6 0.0 346.8

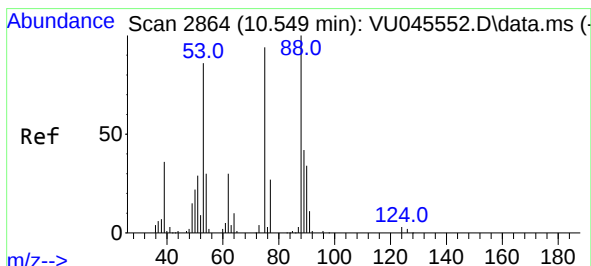
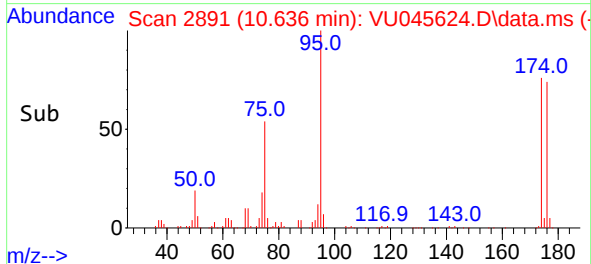
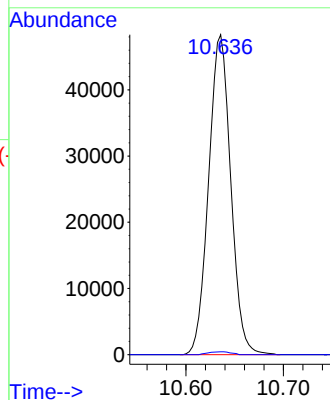
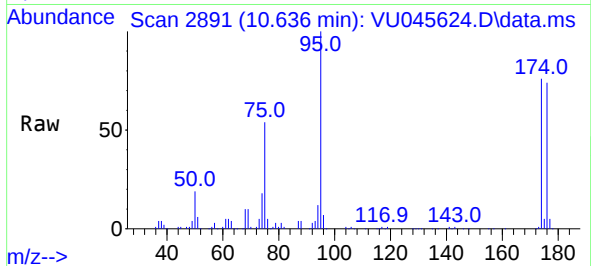




#76
1,2,3-Trichloropropane
Concen: 17.073 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

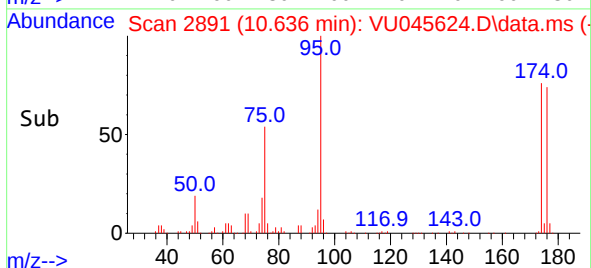
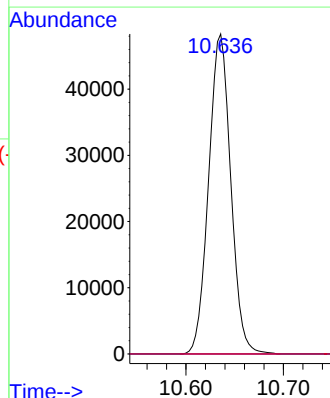
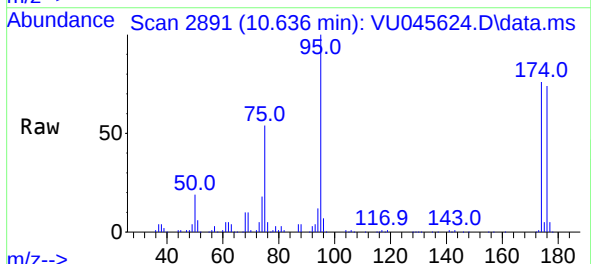
Instrument :
MSVOA_U
ClientSampleId :
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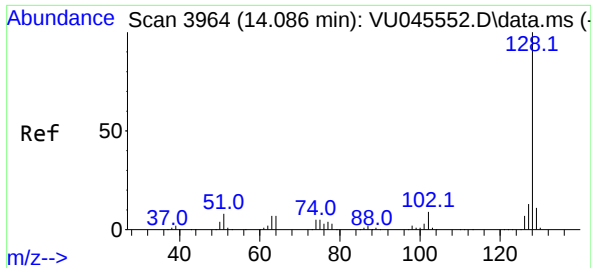
Tgt Ion: 75 Resp: 76319
Ion Ratio Lower Upper
75 100
77 0.9 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.576 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

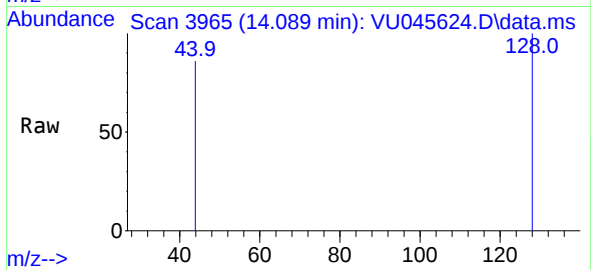
Tgt Ion: 75 Resp: 76319
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.083 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045624.D
Acq: 08 Nov 2021 18:36

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:128 Resp: 666

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

