

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045465.D
 Acq On : 29 Oct 2021 15:44
 Operator : SY/MD
 Sample : M4360-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:06:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	194027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383518	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	379474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	183100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	165949	52.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.080%
35) Dibromofluoromethane	5.295	113	123271	50.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	7.902	98	493176	51.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.140%
62) 4-Bromofluorobenzene	10.635	95	188408	51.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%

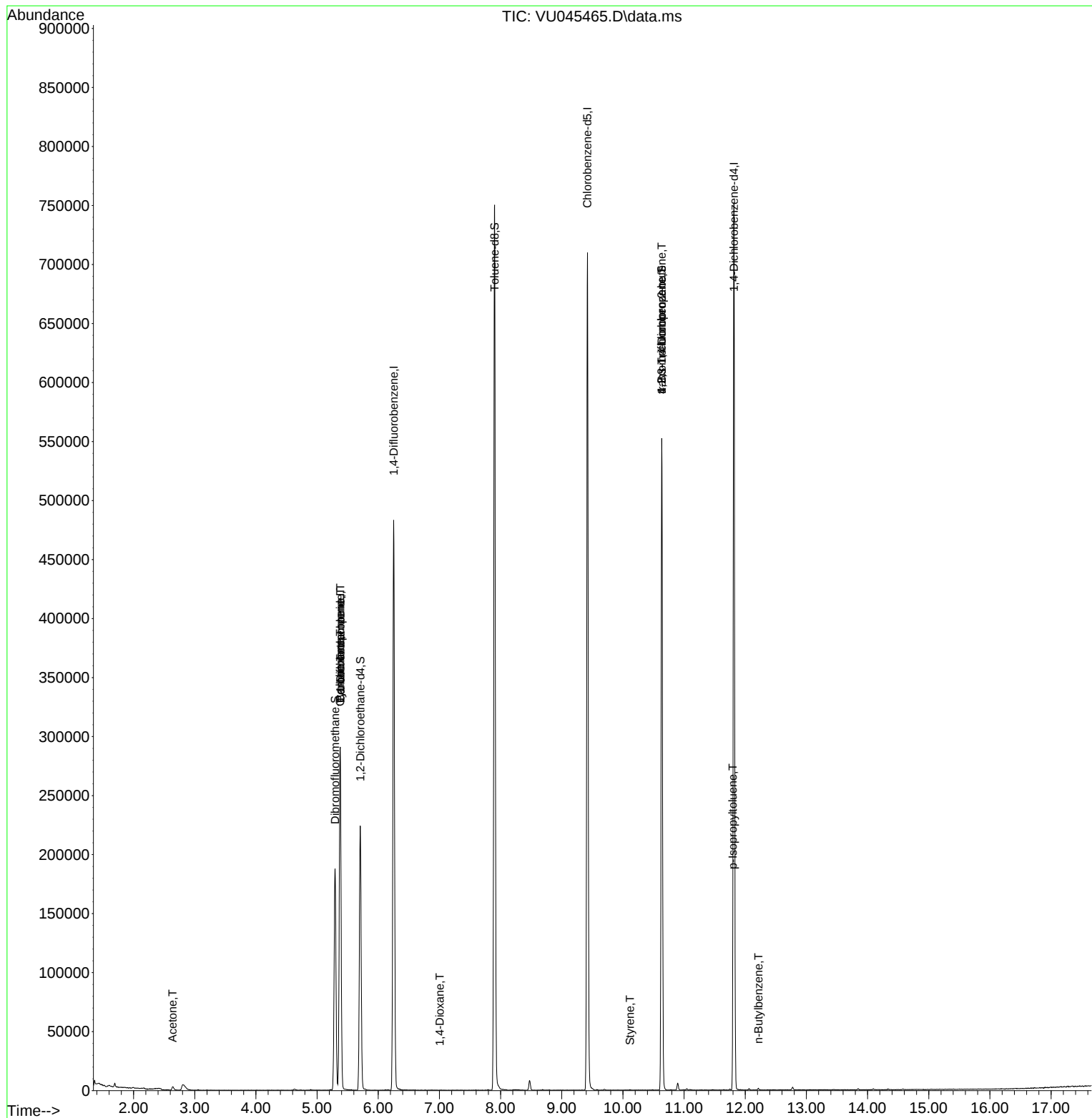
Target Compounds					Qvalue	
16) Acetone	2.639	43	4252	2.965	ug/l	95
31) Cyclohexane	5.375	56	4450	0.946	ug/l	# 1
36) 1,1-Dichloropropene	5.378	75	17744	4.860	ug/l	# 49
38) Carbon Tetrachloride	5.378	117	20137	6.324	ug/l	# 16
49) 1,4-Dioxane	7.005	88	107	1.333	ug/l	# 13
70) Styrene	10.118	104	123	0.990	ug/l	# 25
76) 1,2,3-Trichloropropane	10.635	75	97497	19.985	ug/l	# 42
81) trans-1,4-Dichloro-2-b...	10.635	75	97497	55.512	ug/l	# 12
86) p-Isopropyltoluene	11.796	119	310	0.214	ug/l	# 1
89) n-Butylbenzene	12.214	91	740	1.002	ug/l	# 88

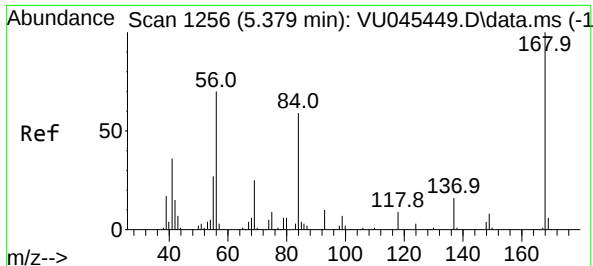
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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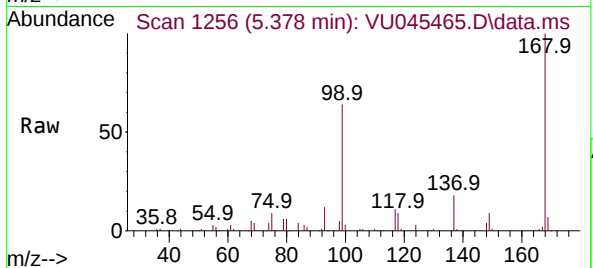
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration



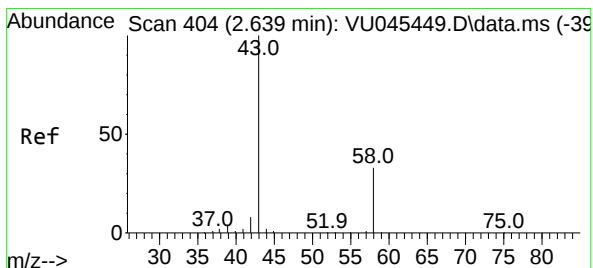
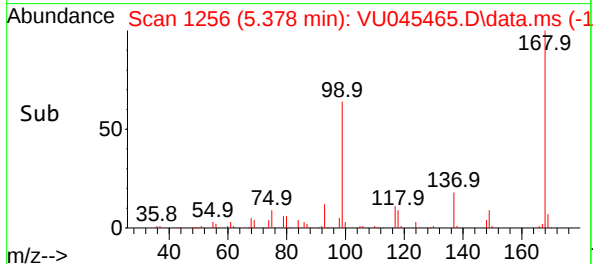
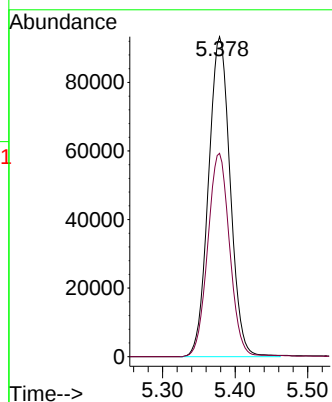


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :

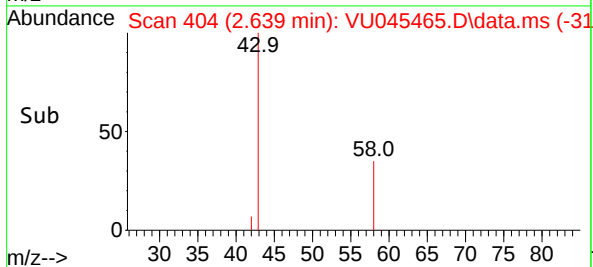
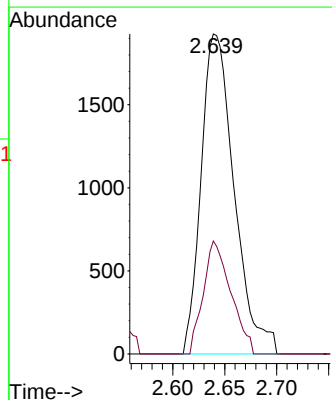
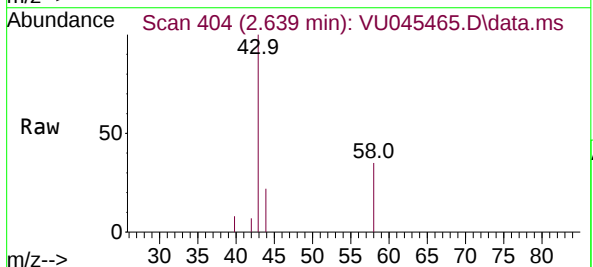


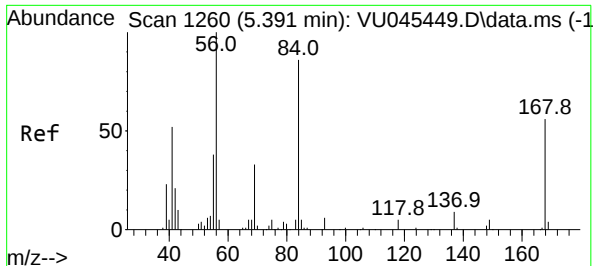
Tgt Ion:168 Resp: 194027
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6



#16
Acetone
Concen: 2.965 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

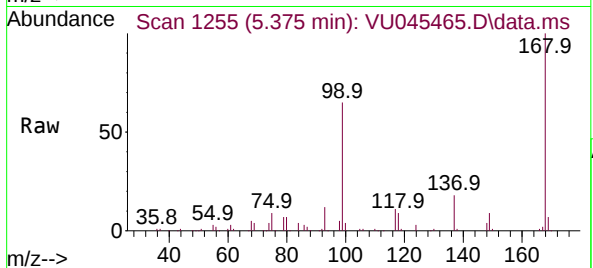
Tgt Ion: 43 Resp: 4252
Ion Ratio Lower Upper
43 100
58 35.3 26.2 39.2



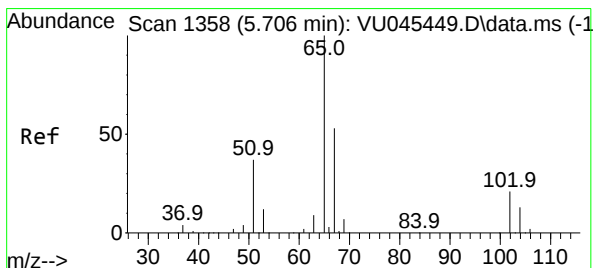
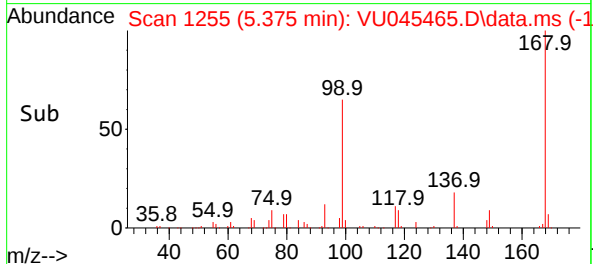
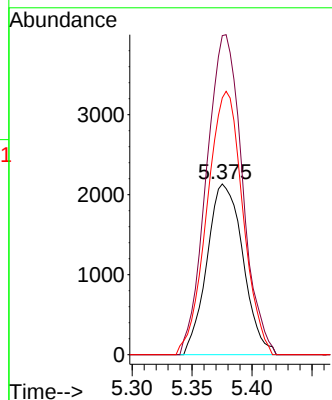


#31
Cyclohexane
Concen: 0.946 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :

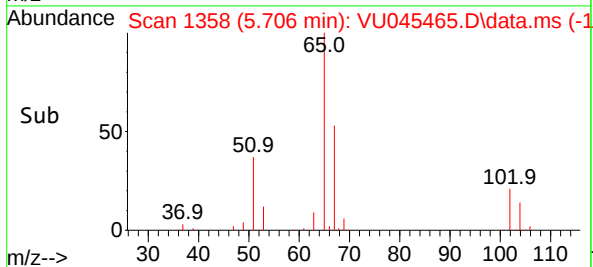
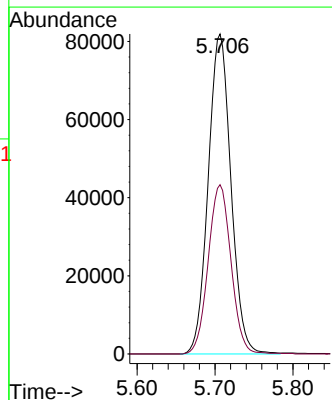
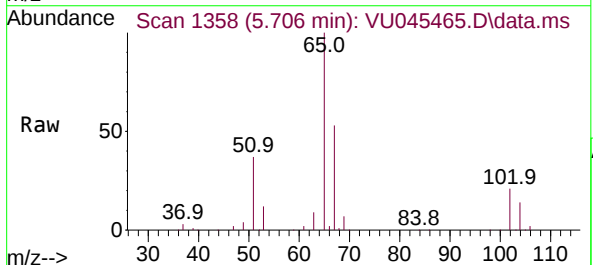


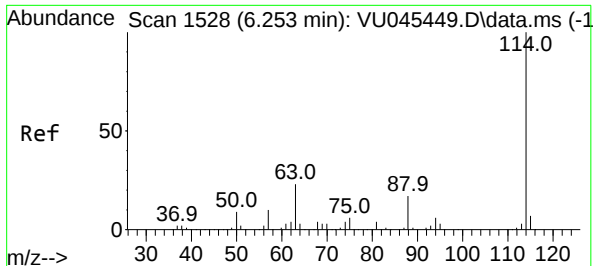
Tgt Ion: 56 Resp: 4450
Ion Ratio Lower Upper
56 100
69 186.8 26.4 39.6#
84 150.4 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Tgt Ion: 65 Resp: 165949
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045465.D

Acq: 29 Oct 2021 15:44

Instrument :

MSVOA_U

ClientSampleId :

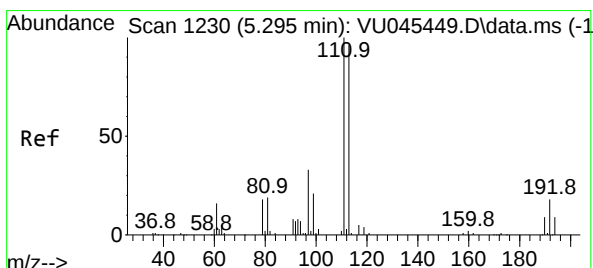
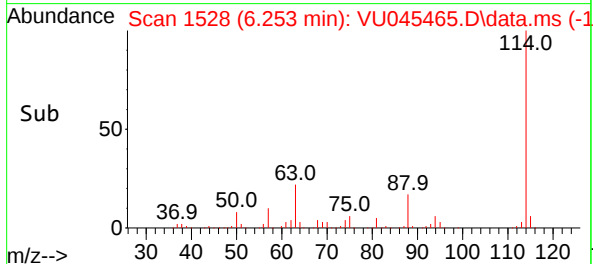
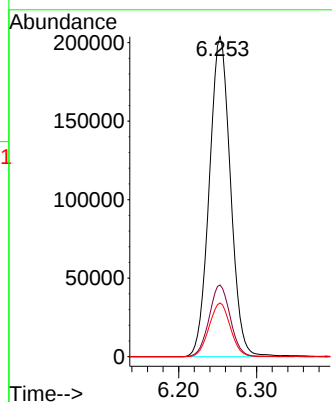
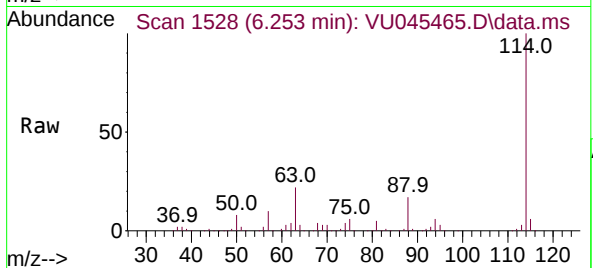
Tgt Ion:114 Resp: 383518

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.550 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU045465.D

Acq: 29 Oct 2021 15:44

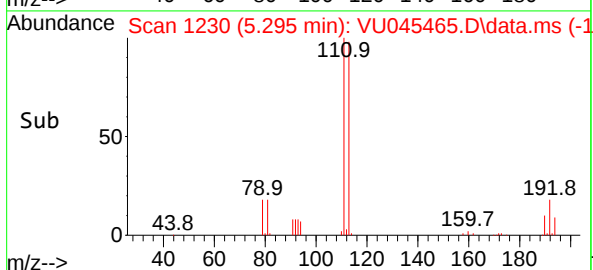
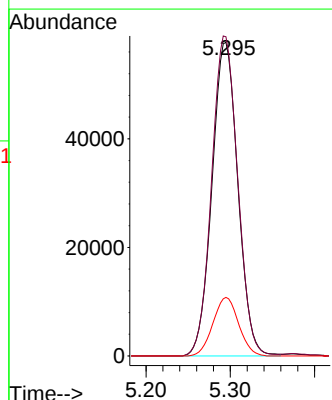
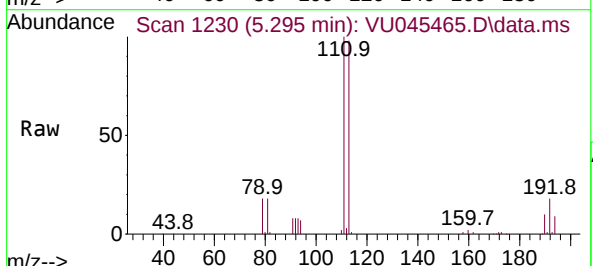
Tgt Ion:113 Resp: 123271

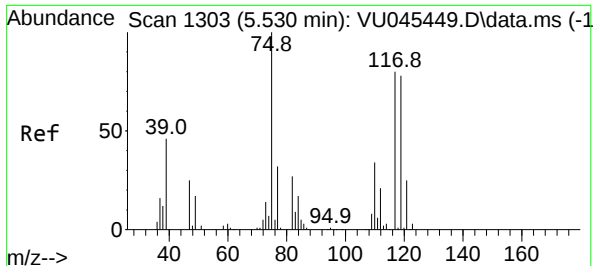
Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045465.D

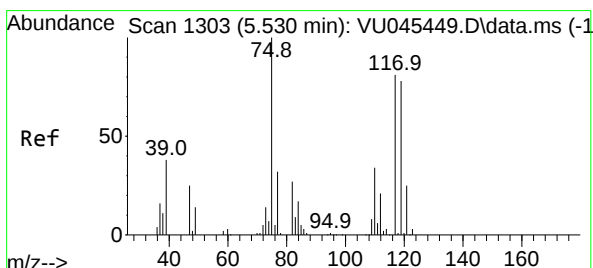
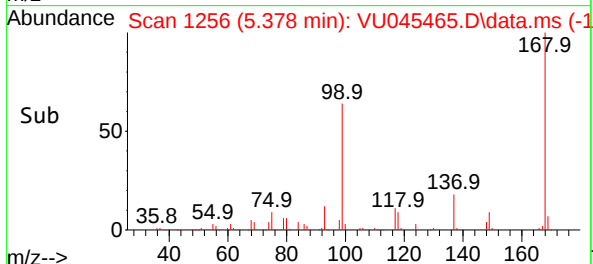
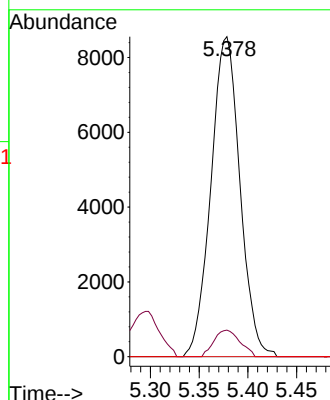
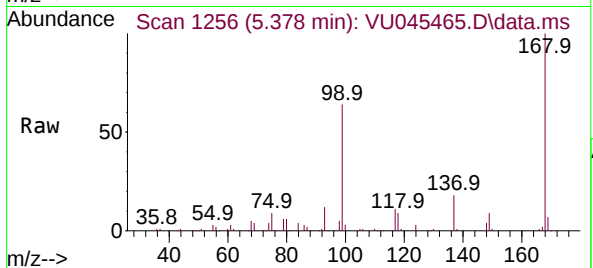
Acq: 29 Oct 2021 15:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	17744
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.7	50.0#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.324 ug/l

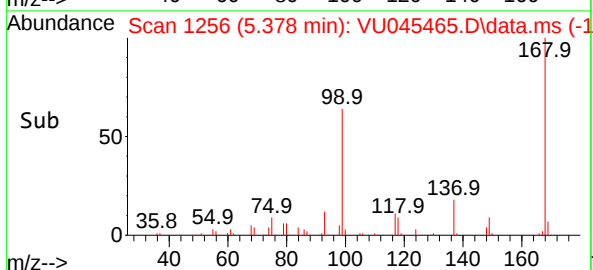
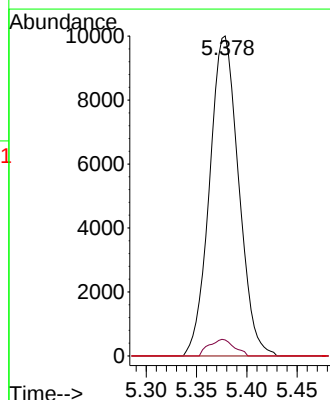
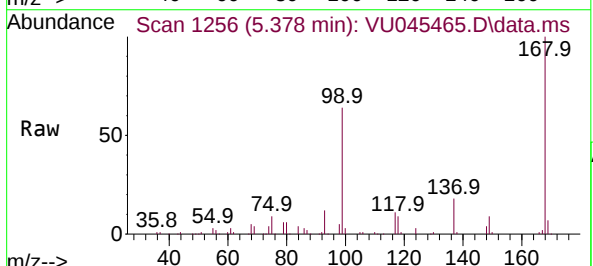
RT: 5.378 min Scan# 1256

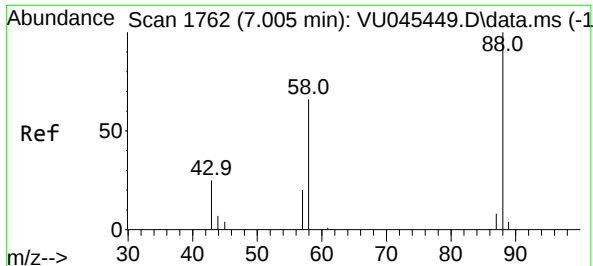
Delta R.T. -0.151 min

Lab File: VU045465.D

Acq: 29 Oct 2021 15:44

Tgt Ion:	117	Resp:	20137
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.0#
121	0.0	24.8	37.2#





#49

1,4-Dioxane

Concen: 1.333 ug/l

RT: 7.005 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045465.D

Acq: 29 Oct 2021 15:44

Instrument :

MSVOA_U

ClientSampleId :

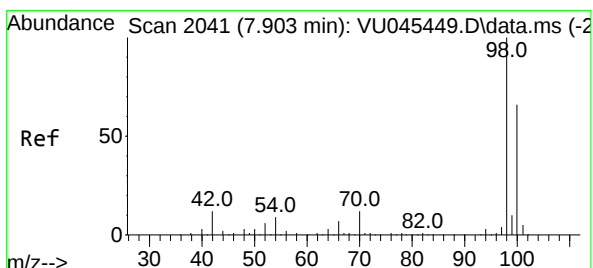
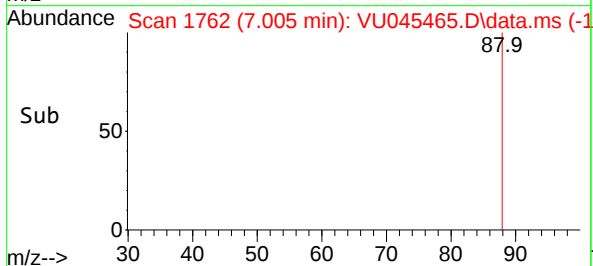
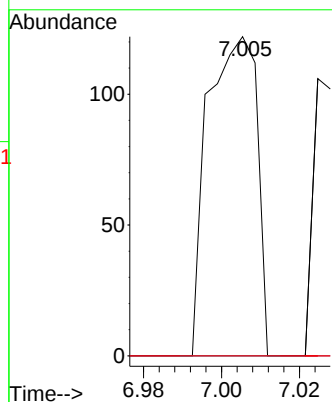
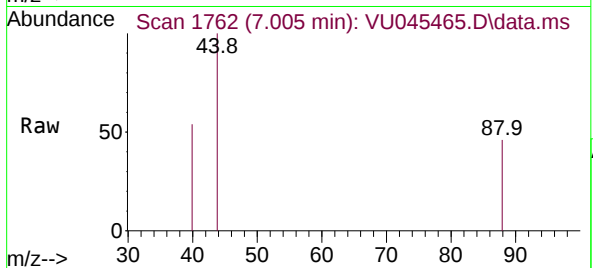
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 58.7 88.1#



#50

Toluene-d8

Concen: 51.573 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU045465.D

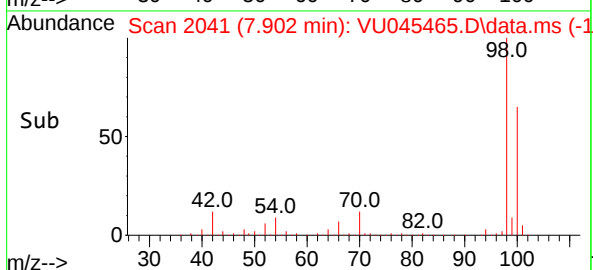
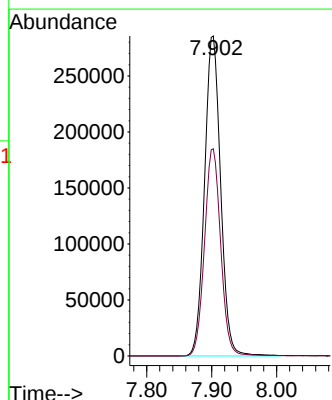
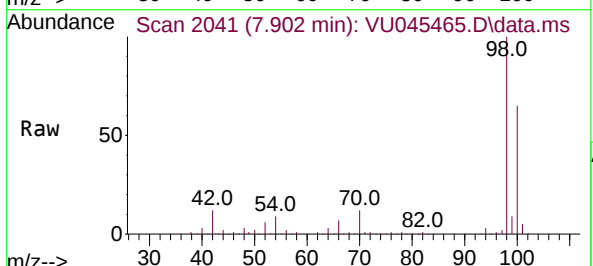
Acq: 29 Oct 2021 15:44

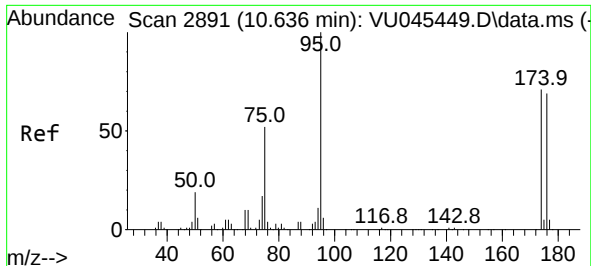
Tgt Ion: 98 Resp: 493176

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 51.704 ug/l

RT: 10.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045465.D

Acq: 29 Oct 2021 15:44

Instrument :

MSVOA_U

ClientSampleId :

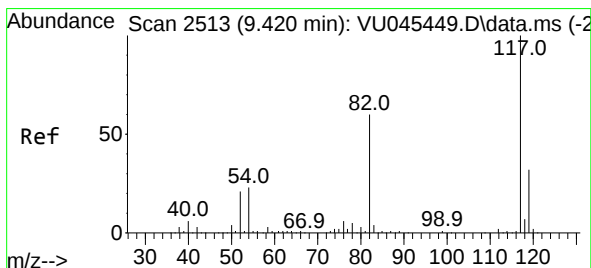
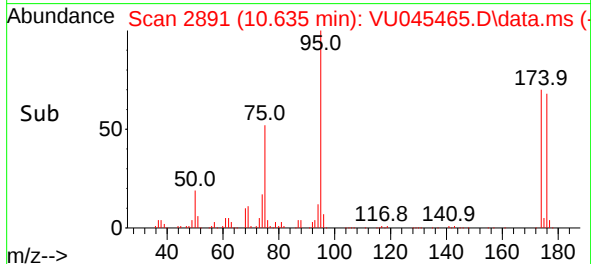
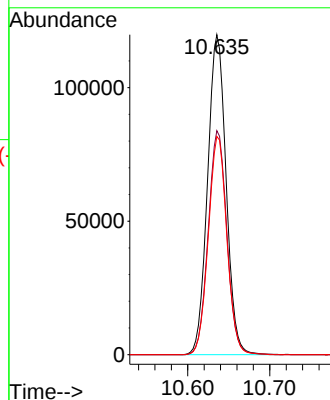
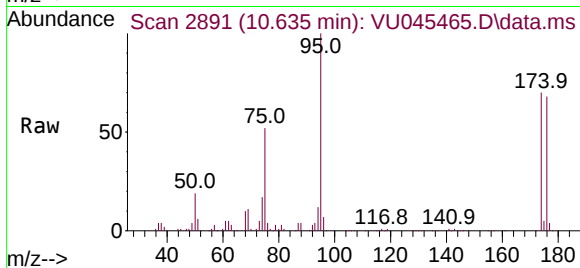
Tgt Ion: 95 Resp: 188408

Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.8

176 68.2 0.0 138.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.000 min

Lab File: VU045465.D

Acq: 29 Oct 2021 15:44

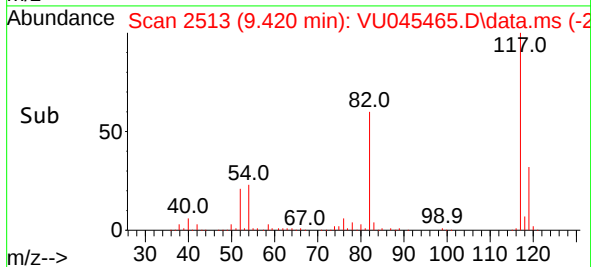
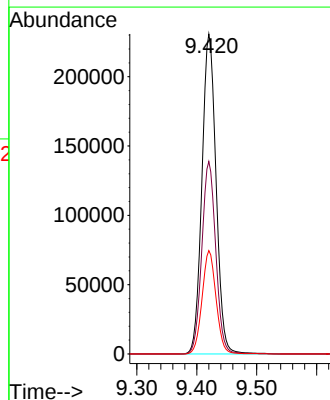
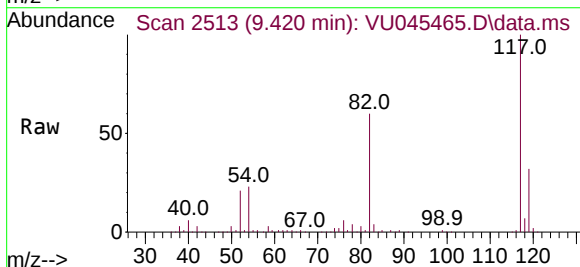
Tgt Ion: 117 Resp: 379474

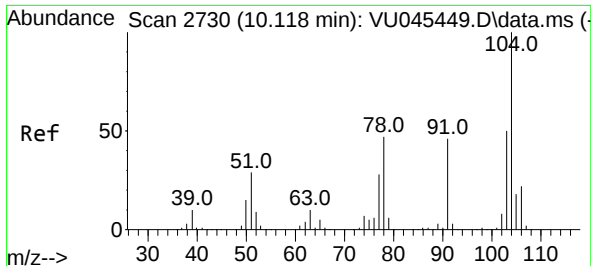
Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.8

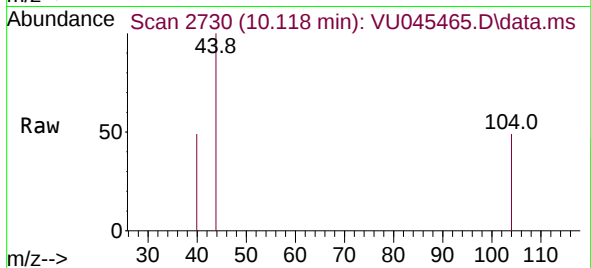
119 32.3 25.8 38.8



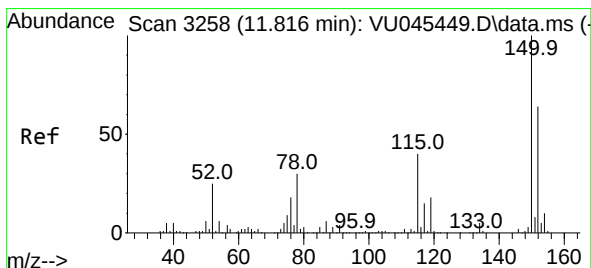
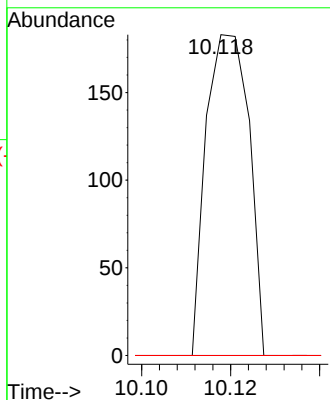
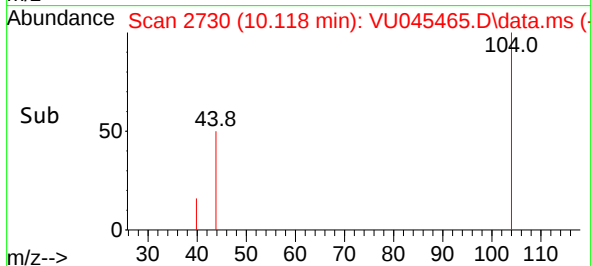


#70
Styrene
Concen: 0.990 ug/l
RT: 10.118 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :

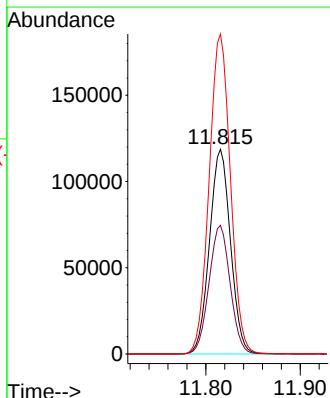
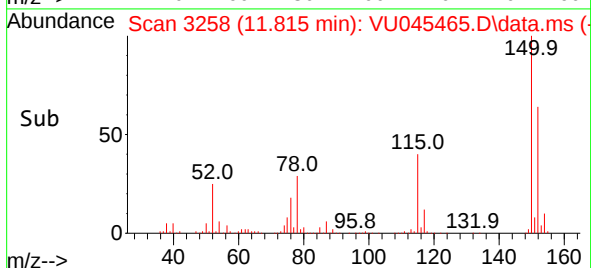
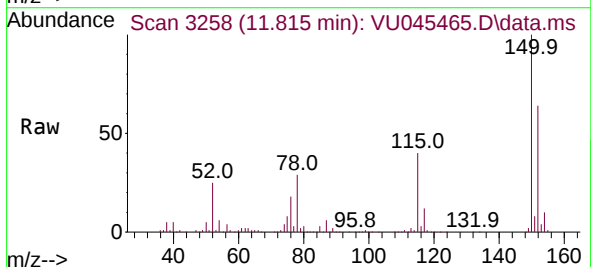


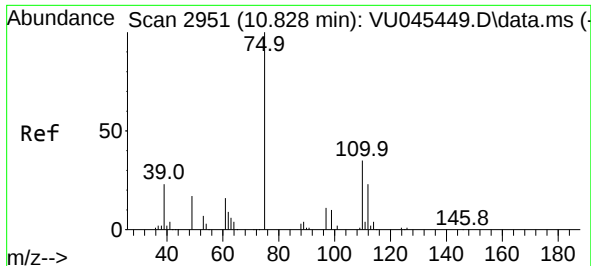
Tgt Ion:104 Resp: 123
Ion Ratio Lower Upper
104 100
78 0.0 41.8 62.6#
103 0.0 43.8 65.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Tgt Ion:152 Resp: 183100
Ion Ratio Lower Upper
152 100
115 63.2 42.7 128.1
150 158.1 0.0 346.8

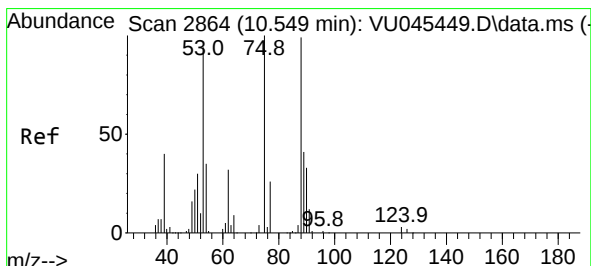
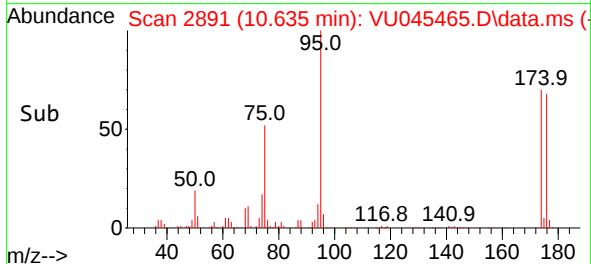
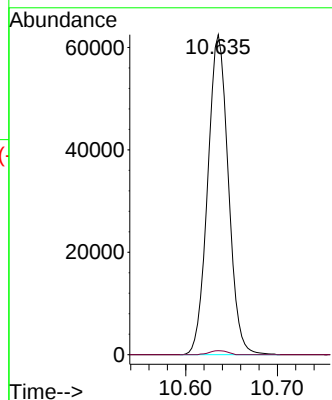
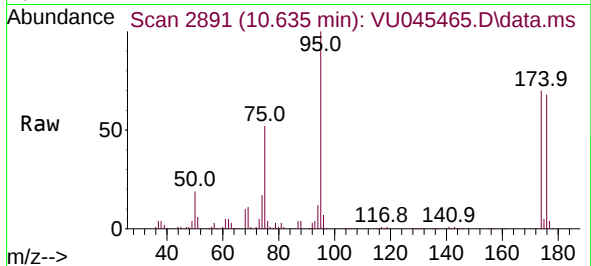




#76
1,2,3-Trichloropropane
Concen: 19.985 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

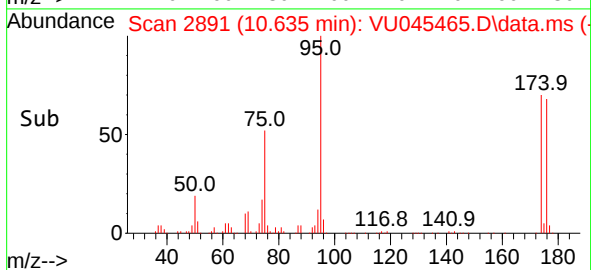
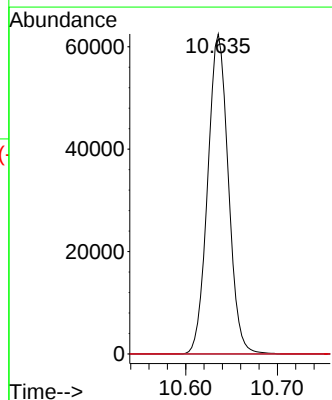
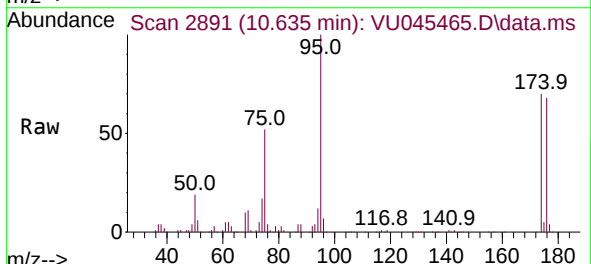
Instrument :
MSVOA_U
ClientSampleId :

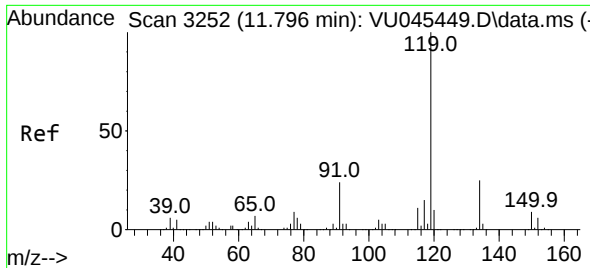
Tgt Ion: 75 Resp: 97497
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.512 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Tgt Ion: 75 Resp: 97497
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

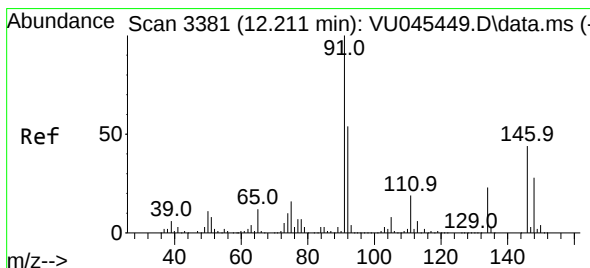
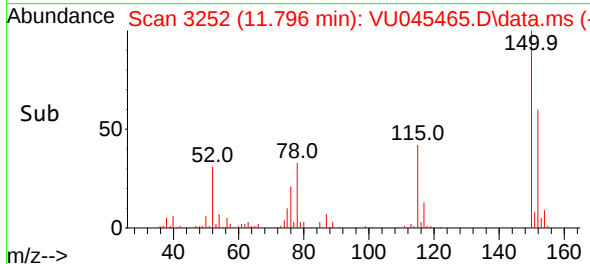
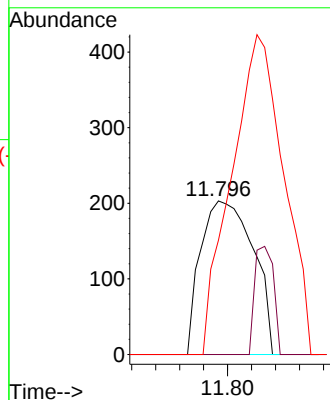
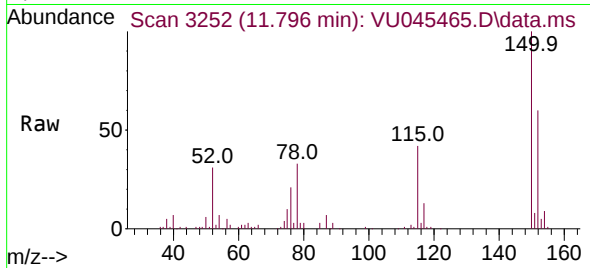




#86
p-Isopropyltoluene
Concen: 0.214 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:119 Resp: 310
Ion Ratio Lower Upper
119 100
134 24.8 12.7 38.1
91 206.1 12.2 36.4#



#89
n-Butylbenzene
Concen: 1.002 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045465.D
Acq: 29 Oct 2021 15:44

Tgt Ion: 91 Resp: 740
Ion Ratio Lower Upper
91 100
92 49.1 27.1 81.2
134 11.8 11.8 35.4#

