

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049426.D
 Acq On : 28 Jun 2022 01:06
 Operator : SY/MD
 Sample : N3482-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB062322

Quant Time: Jun 28 07:12:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

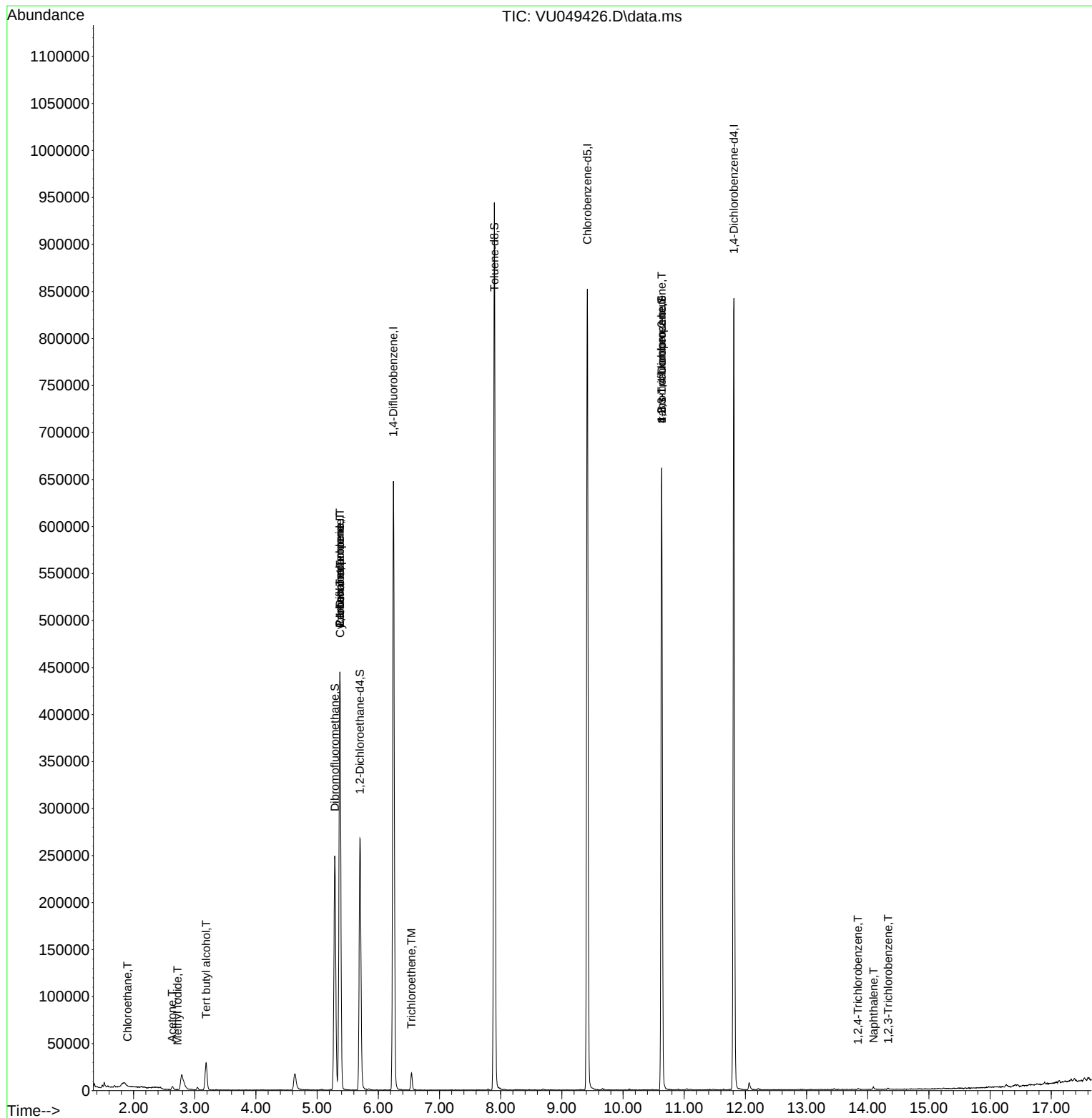
Internal Standards						
1) Pentafluorobenzene	5.372	168	308631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	525743	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	470778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	218515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201094	42.308	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.620%
35) Dibromofluoromethane	5.289	113	162632	44.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.420%
50) Toluene-d8	7.896	98	625897	47.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.420%
62) 4-Bromofluorobenzene	10.632	95	228075	45.383	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	4013	Below Cal		99
6) Chloroethane	1.900	64	84	1.950	ug/l #	44
10) Methyl Iodide	2.720	142	100	7.538	ug/l #	43
11) Tert butyl alcohol	3.186	59	18466	16.598	ug/l #	37
16) Acetone	2.630	43	4925	2.055	ug/l	95
20) Methylene Chloride	3.047	84	1209	Below Cal		92
31) Cyclohexane	5.375	56	6508	0.912	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	24602	4.613	ug/l #	49
38) Carbon Tetrachloride	5.372	117	31407	5.615	ug/l #	16
44) Trichloroethene	6.543	130	6396	1.671	ug/l	98
76) 1,2,3-Trichloropropane	10.632	75	114108	15.404	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	114108	56.887	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.838	180	349	1.823	ug/l #	12
95) Naphthalene	14.099	128	3005	1.906	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.333	180	588	1.291	ug/l #	83

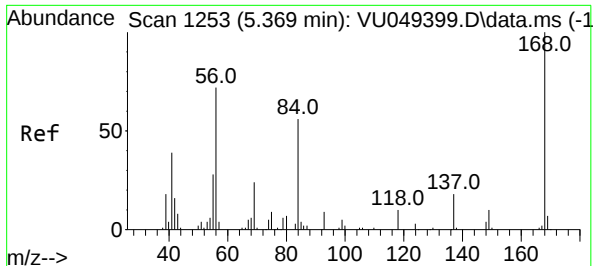
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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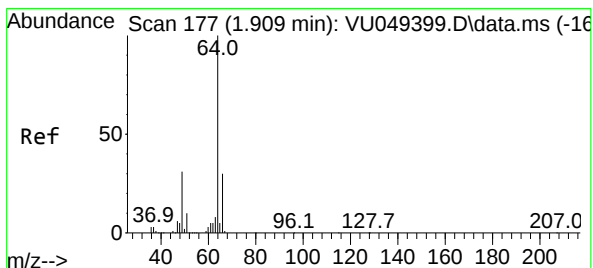
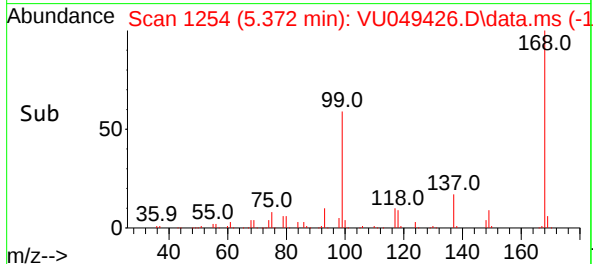
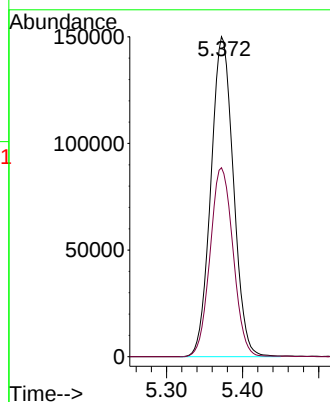
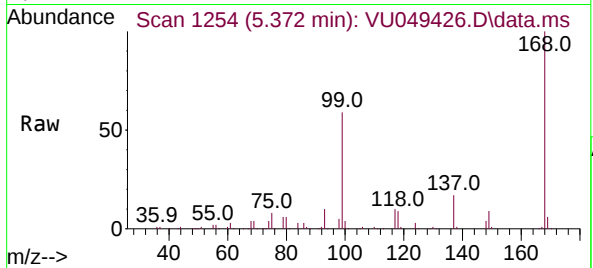




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

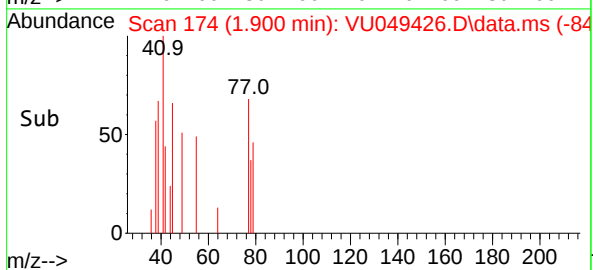
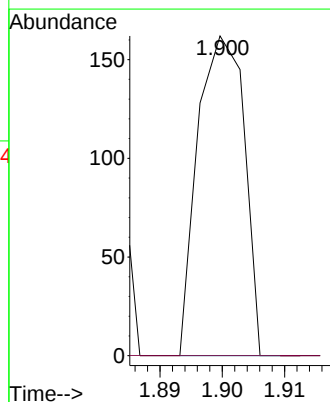
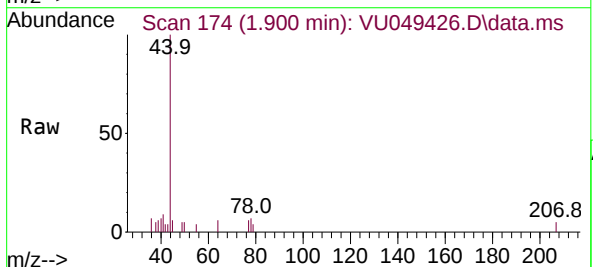
Instrument :
MSVOA_U
ClientSampleId :
TB062322

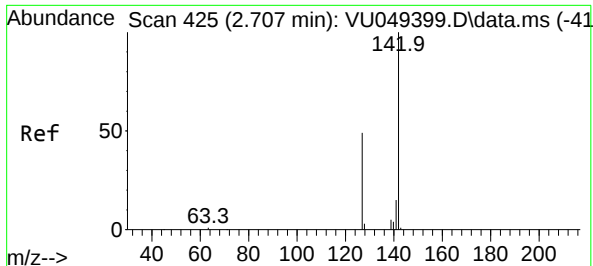
Tgt Ion:168 Resp: 308631
Ion Ratio Lower Upper
168 100
99 59.0 39.3 58.9#



#6
Chloroethane
Concen: 1.950 ug/l
RT: 1.900 min Scan# 174
Delta R.T. -0.009 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

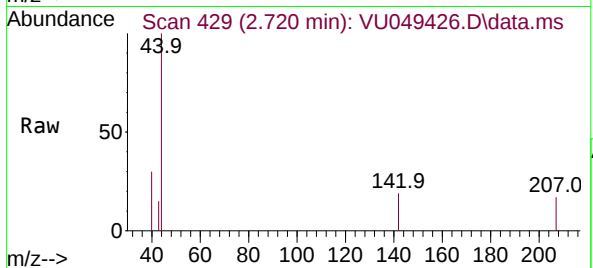
Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



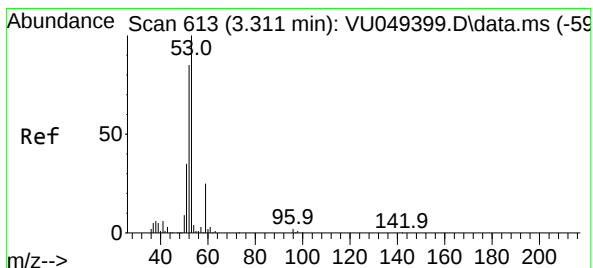
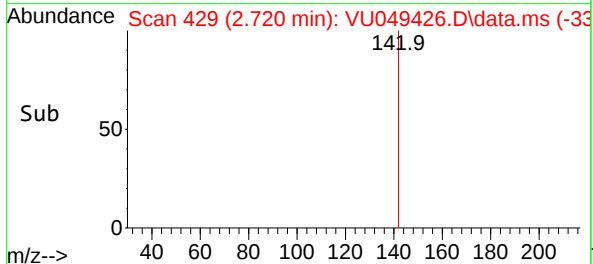
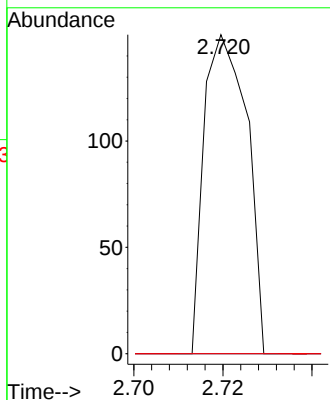


#10
Methyl Iodide
Concen: 7.538 ug/l
RT: 2.720 min Scan# 41
Delta R.T. 0.013 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Instrument :
MSVOA_U
ClientSampleId :
TB062322

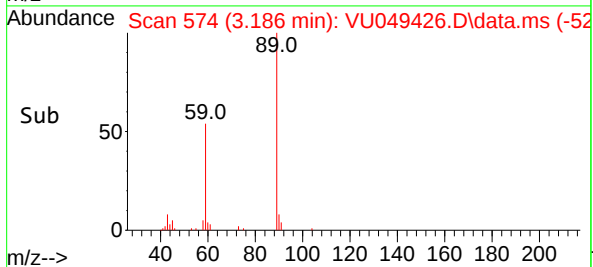
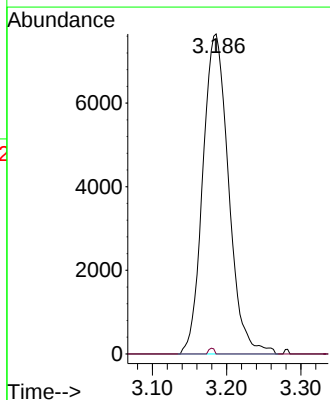
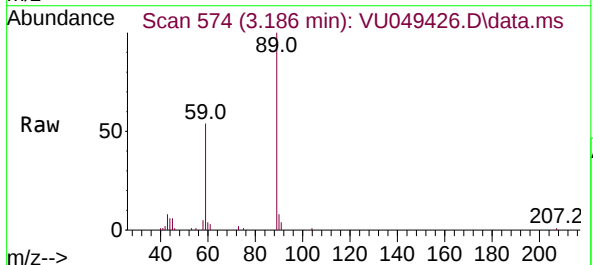


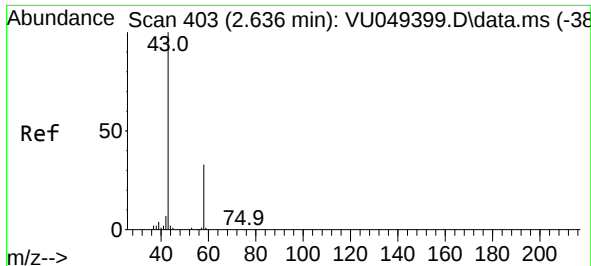
Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 16.598 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion: 59 Resp: 18466
Ion Ratio Lower Upper
59 100
57 0.4 30.6 45.8#

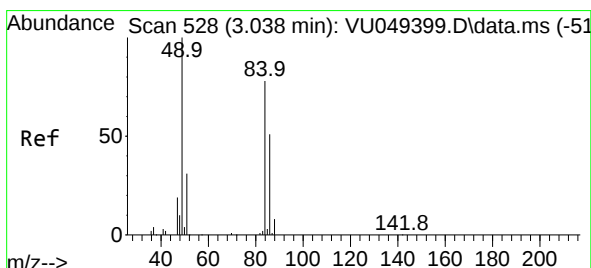
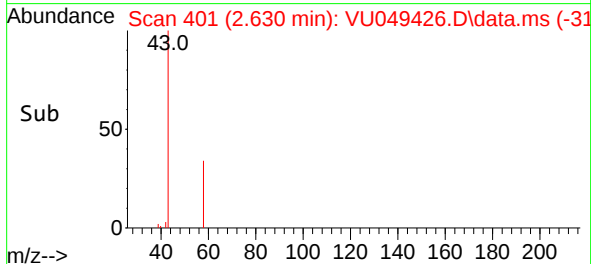
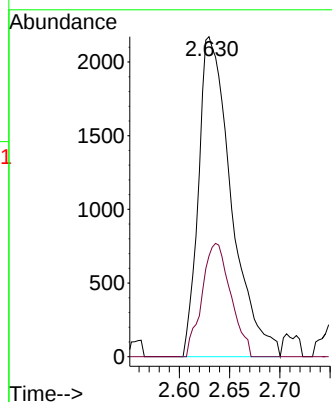
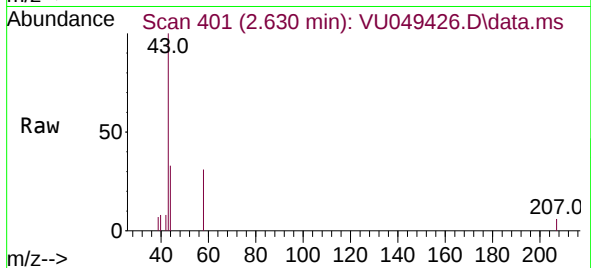




#16
Acetone
Concen: 2.055 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

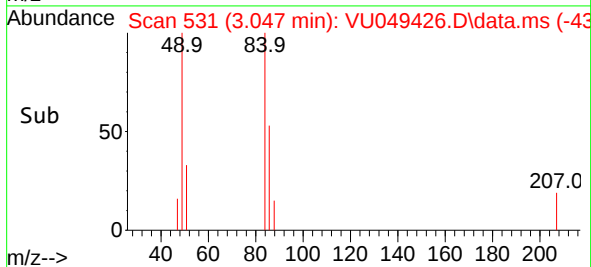
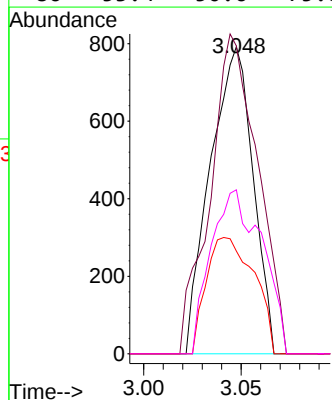
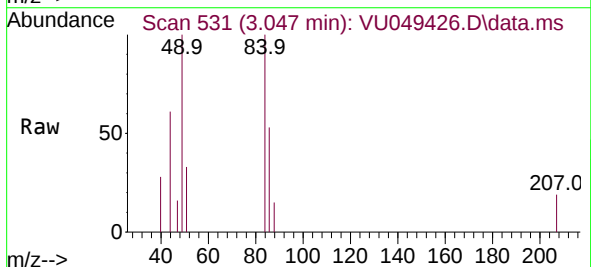
Instrument :
MSVOA_U
ClientSampleId :
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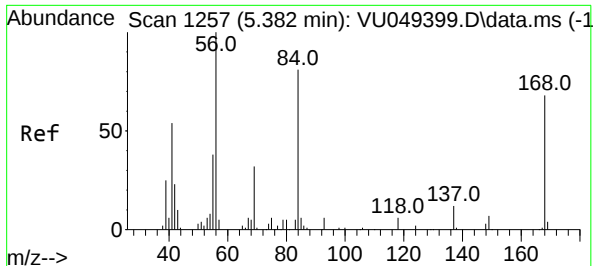
Tgt Ion: 43 Resp: 4925
Ion Ratio Lower Upper
43 100
58 31.5 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 3.047 min Scan# 531
Delta R.T. 0.010 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion: 84 Resp: 1209
Ion Ratio Lower Upper
84 100
49 100.3 86.6 129.8
51 33.5 26.6 40.0
86 53.4 50.6 75.8

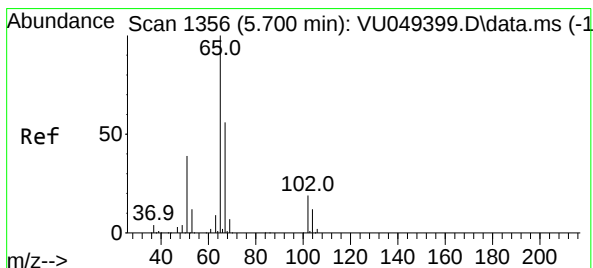
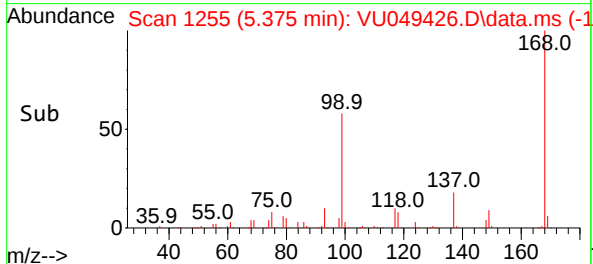
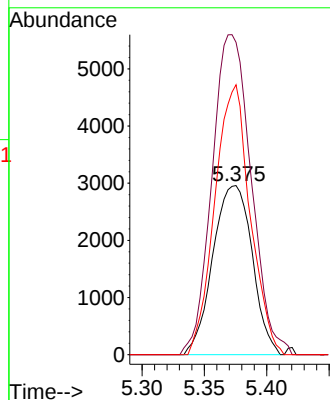
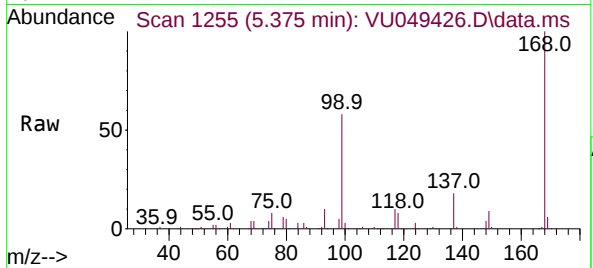




#31
Cyclohexane
Concen: 0.912 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

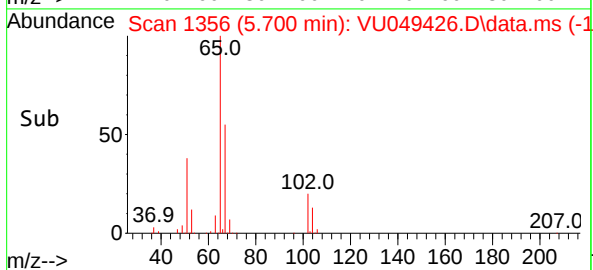
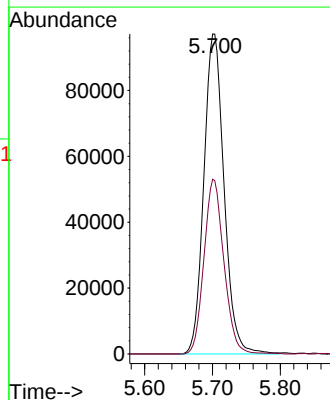
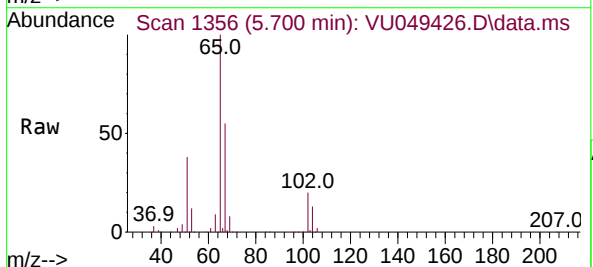
Instrument :
MSVOA_U
ClientSampleId :
TB062322

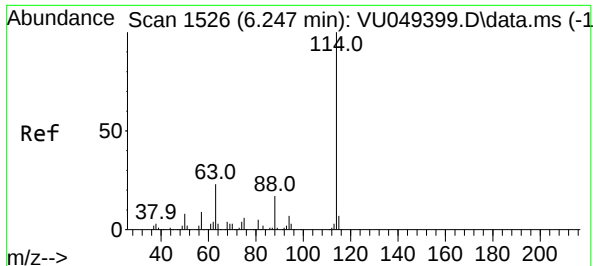
Tgt Ion: 56 Resp: 6508
Ion Ratio Lower Upper
56 100
69 184.7 27.8 41.8#
84 159.7 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 42.308 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion: 65 Resp: 201094
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049426.D

Acq: 28 Jun 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

TB062322

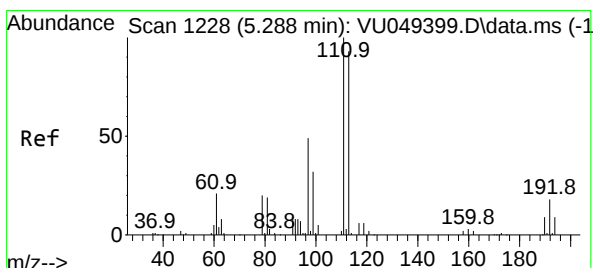
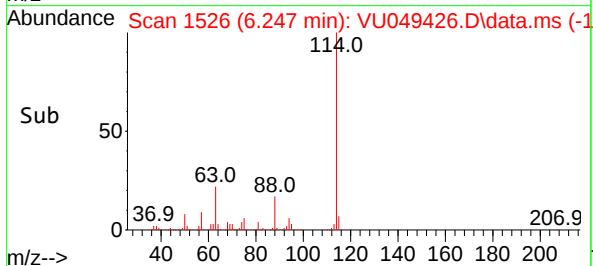
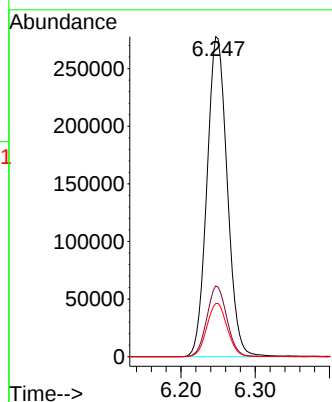
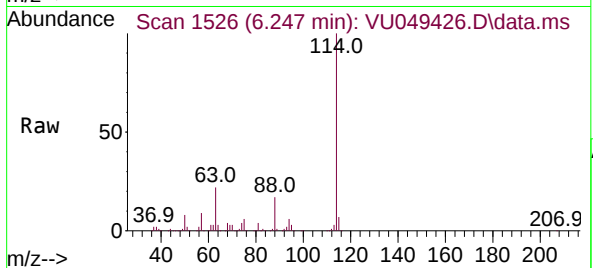
Tgt Ion:114 Resp: 525743

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.215 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049426.D

Acq: 28 Jun 2022 01:06

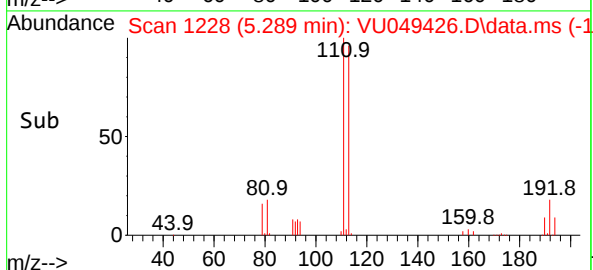
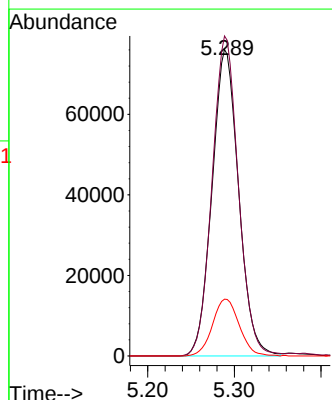
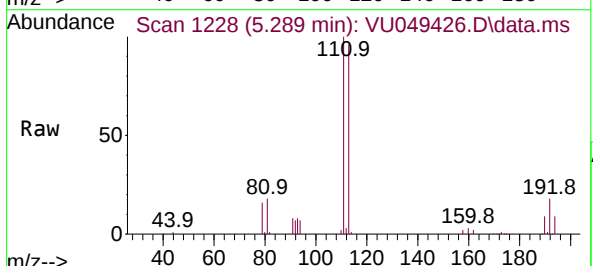
Tgt Ion:113 Resp: 162632

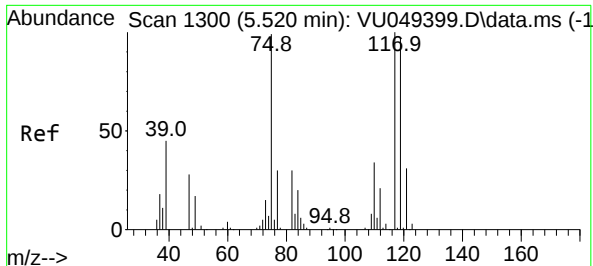
Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 18.7 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.613 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049426.D

Acq: 28 Jun 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

TB062322

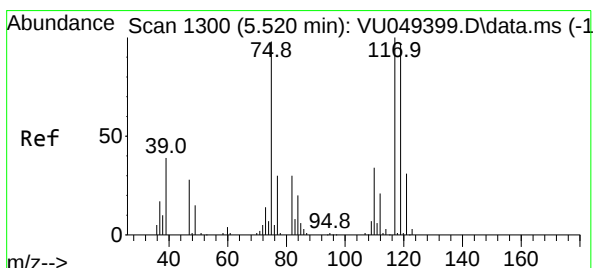
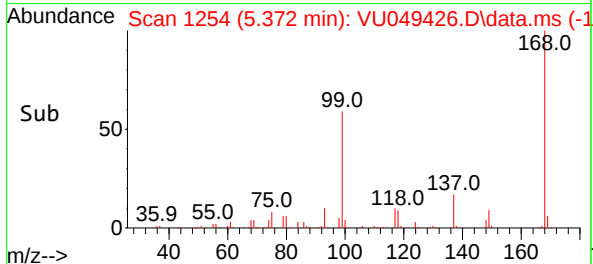
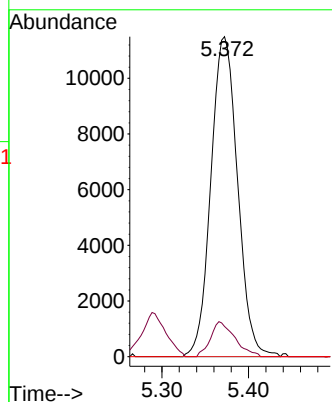
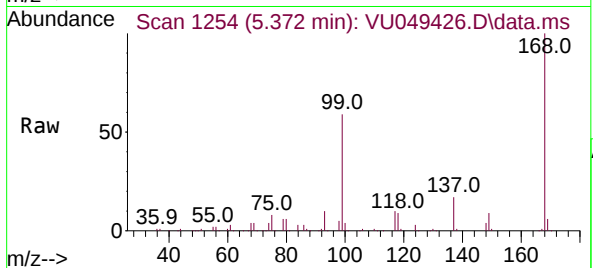
Tgt Ion: 75 Resp: 24602

Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.615 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049426.D

Acq: 28 Jun 2022 01:06

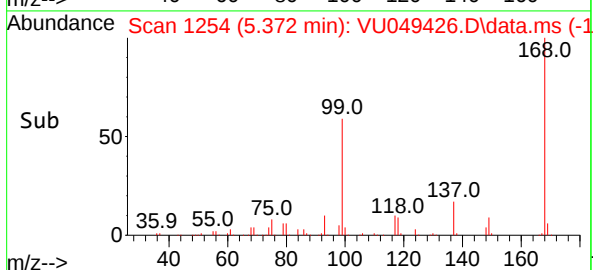
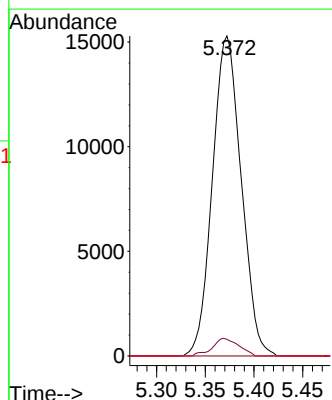
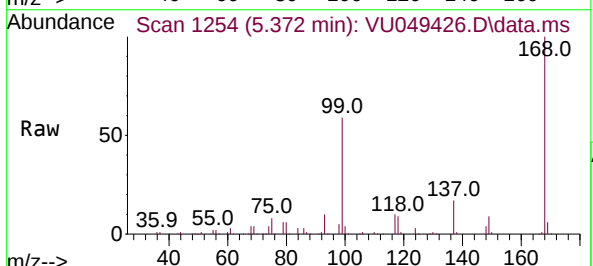
Tgt Ion: 117 Resp: 31407

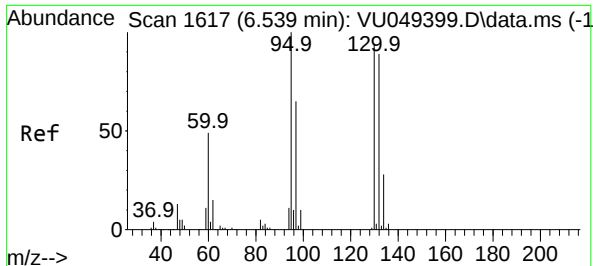
Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

121 0.0 24.7 37.1#

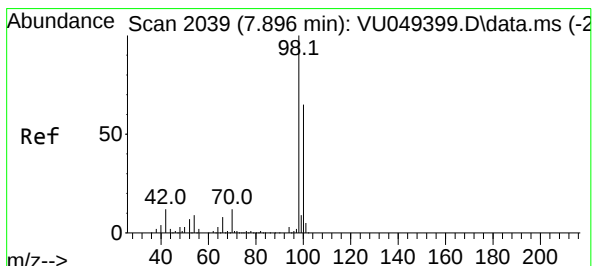
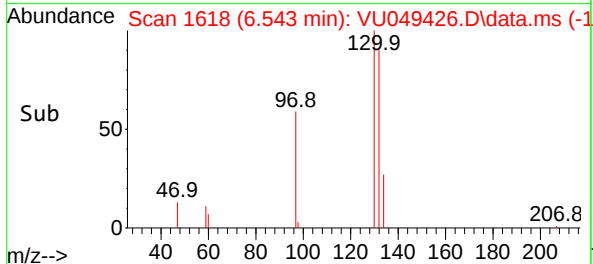
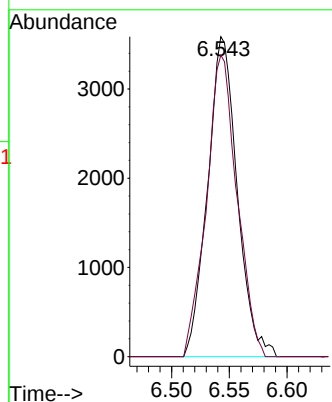
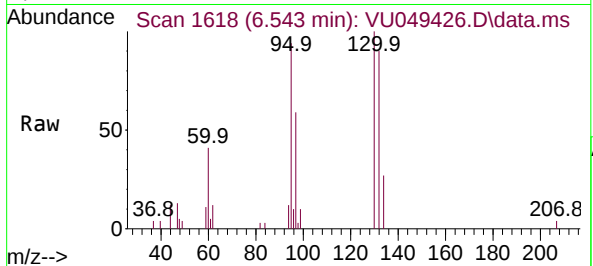




#44
Trichloroethene
Concen: 1.671 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

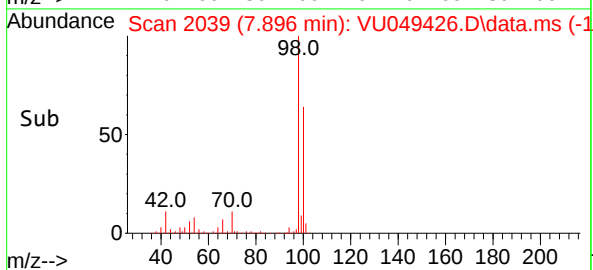
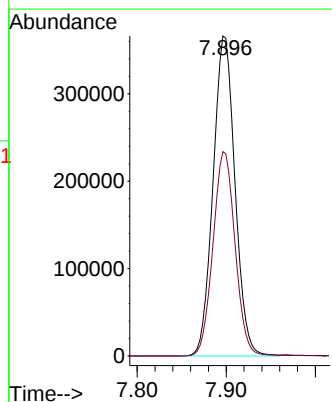
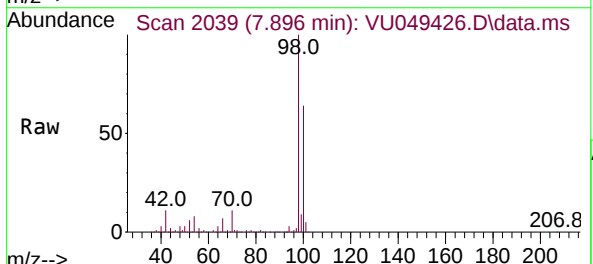
Instrument :
MSVOA_U
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TB062322

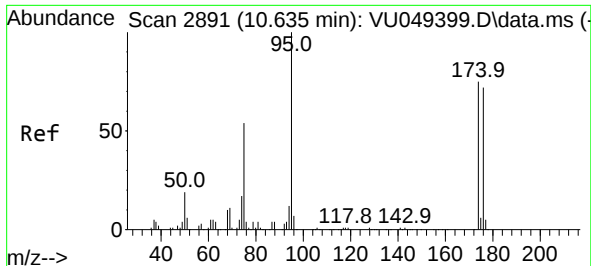
Tgt Ion:130 Resp: 6396
Ion Ratio Lower Upper
130 100
95 94.3 0.0 184.6



#50
Toluene-d8
Concen: 47.708 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion: 98 Resp: 625897
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

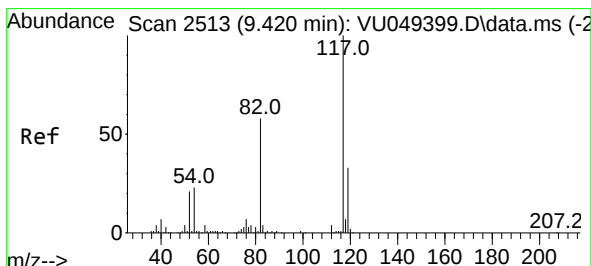
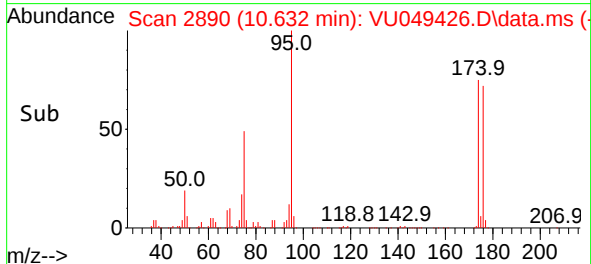
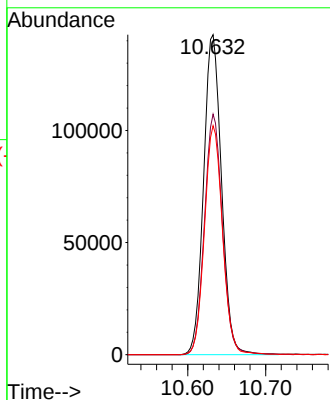
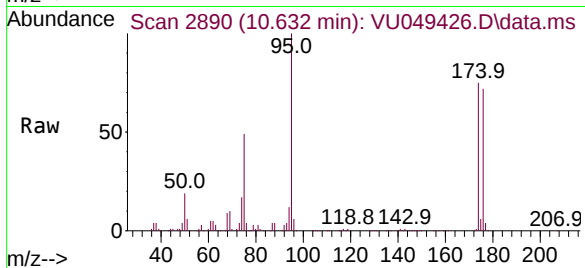




#62
4-Bromofluorobenzene
Concen: 45.383 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

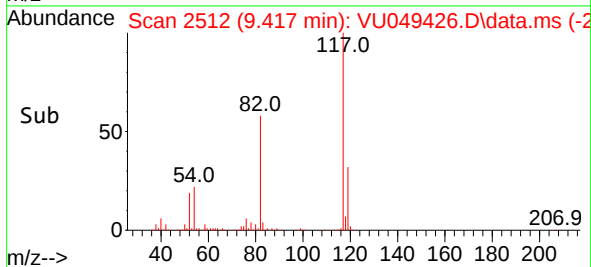
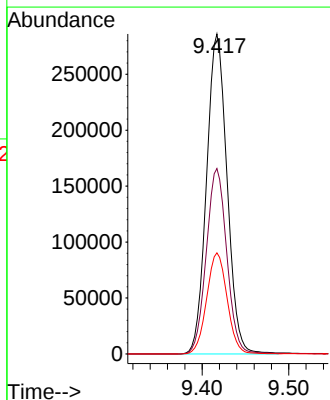
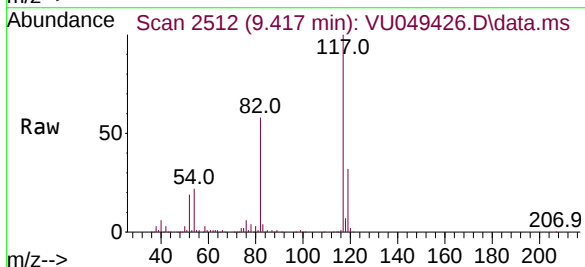
Instrument :
MSVOA_U
ClientSampleId :
TB062322

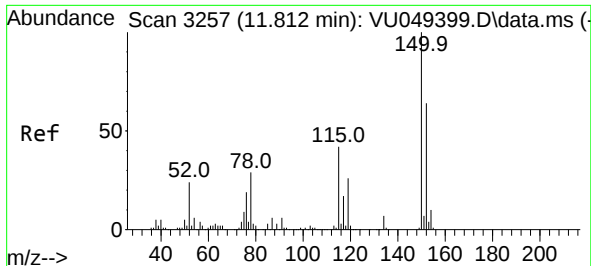
Tgt Ion: 95 Resp: 228075
Ion Ratio Lower Upper
95 100
174 75.5 0.0 182.0
176 72.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion: 117 Resp: 470778
Ion Ratio Lower Upper
117 100
82 58.0 41.7 62.5
119 31.6 25.7 38.5

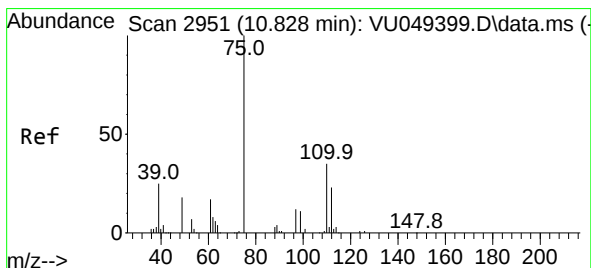
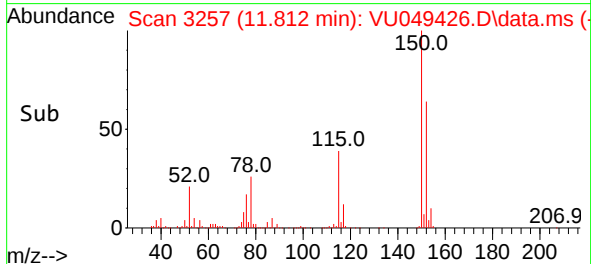
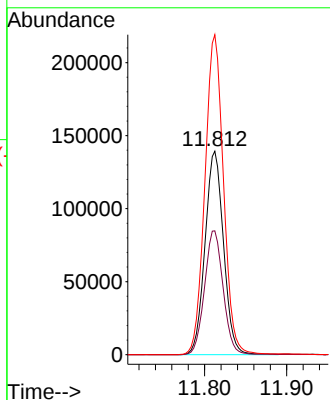
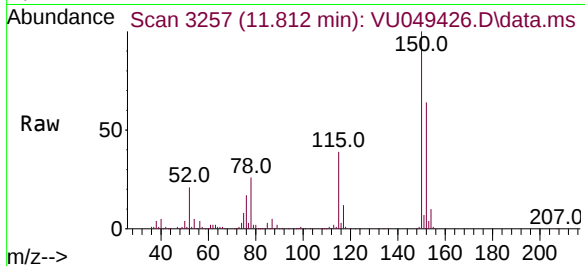




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

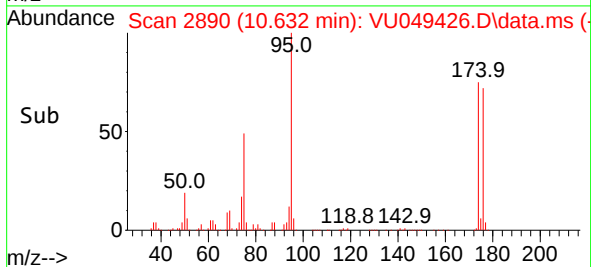
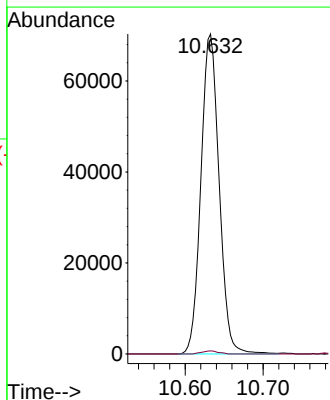
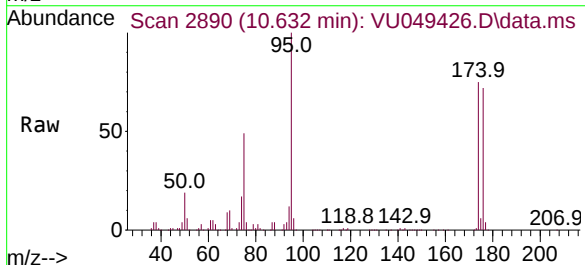
Instrument :
MSVOA_U
ClientSampleId :
TB062322

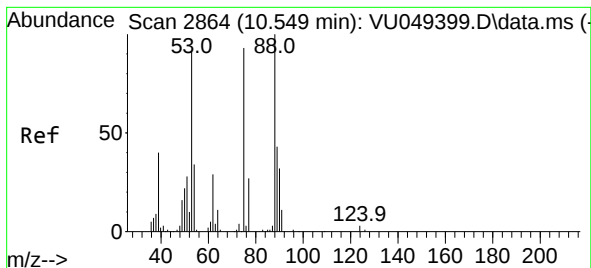
Tgt Ion:152 Resp: 218515
Ion Ratio Lower Upper
152 100
115 61.0 37.0 110.9
150 158.4 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 15.404 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion: 75 Resp: 114108
Ion Ratio Lower Upper
75 100
77 0.9 15.8 47.3#

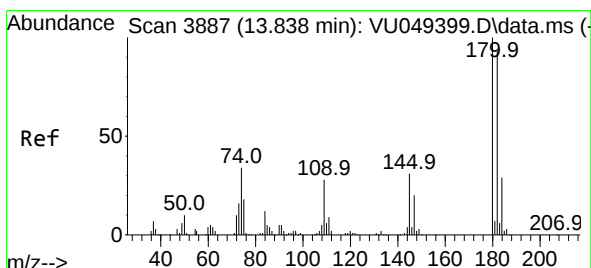
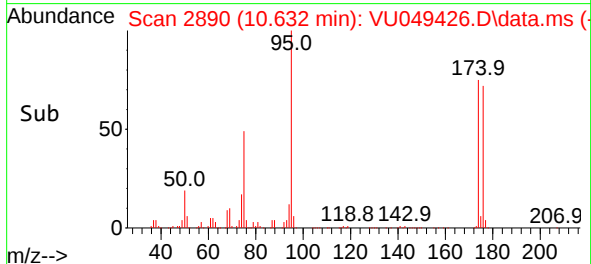
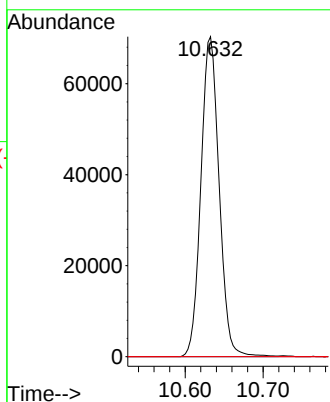
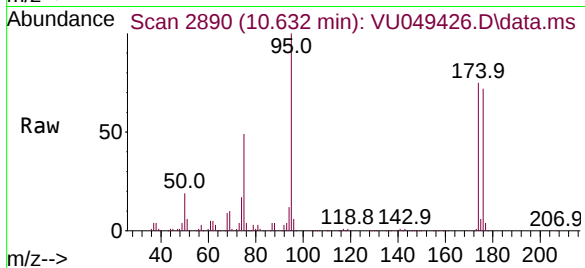




#81
trans-1,4-Dichloro-2-butene
Concen: 56.887 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

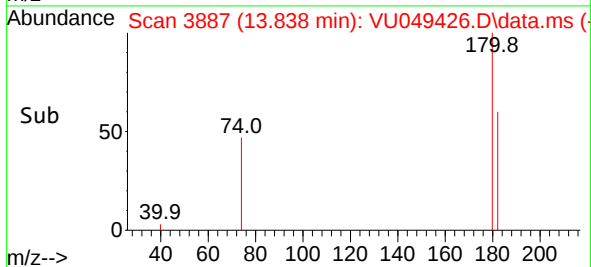
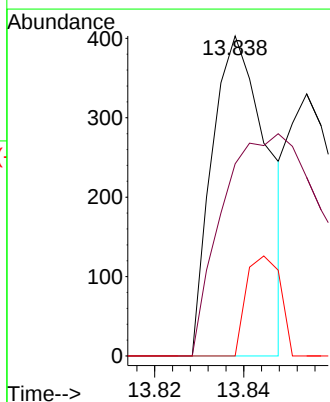
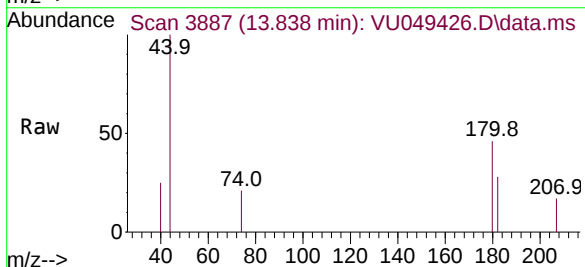
Instrument :
MSVOA_U
ClientSampleId :
TB062322

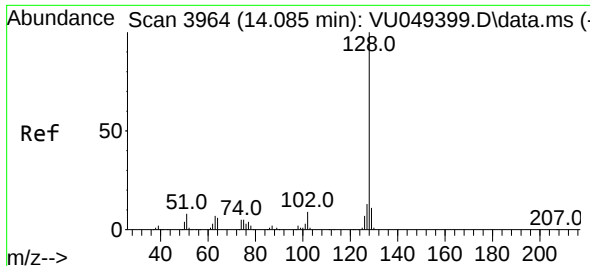
Tgt Ion: 75 Resp: 114108
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.823 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion:180 Resp: 349
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 14.0 41.9#

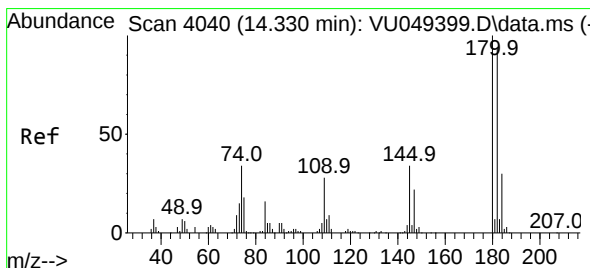
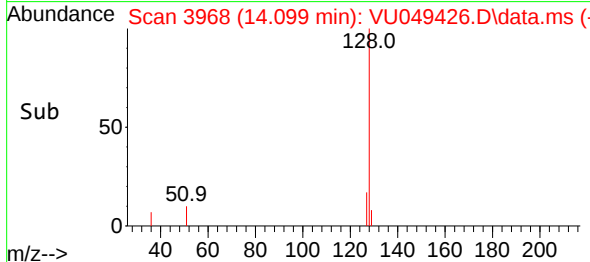
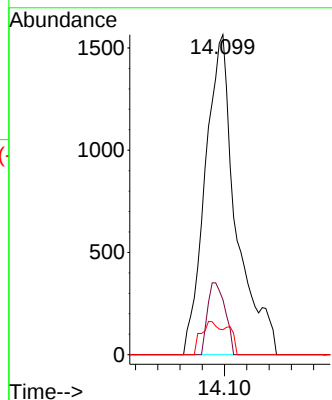
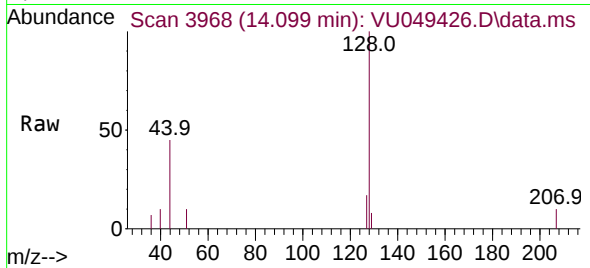




#95
Naphthalene
Concen: 1.906 ug/l
RT: 14.099 min Scan# 3964
Delta R.T. 0.013 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Instrument :
MSVOA_U
ClientSampleId :
TB062322

Tgt Ion:128 Resp: 3005
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 6.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.291 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049426.D
Acq: 28 Jun 2022 01:06

Tgt Ion:180 Resp: 588
Ion Ratio Lower Upper
180 100
182 86.9 48.4 145.0
145 7.0 14.8 44.4#

