

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049436.D
 Acq On : 28 Jun 2022 05:02
 Operator : SY/MD
 Sample : N3482-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB062222

Quant Time: Jun 28 07:15:36 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)

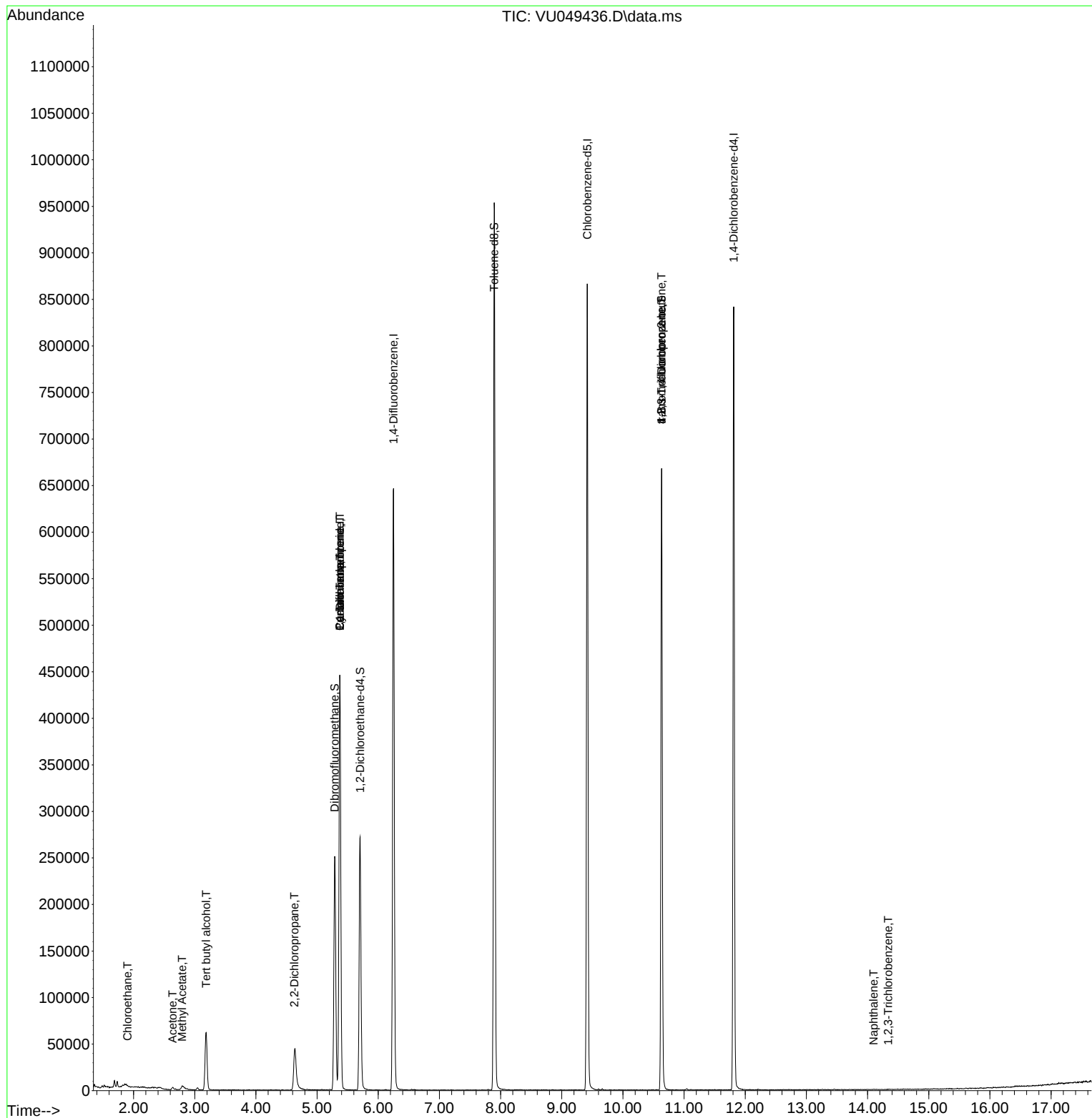
Internal Standards						
1) Pentafluorobenzene	5.372	168	307699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	530372	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	475429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	202513	42.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.288	113	165030	44.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.960%
50) Toluene-d8	7.896	98	633434	47.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	10.632	95	231791	45.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2330	Below Cal	#	84
6) Chloroethane	1.900	64	96	1.956	ug/l #	44
11) Tert butyl alcohol	3.186	59	38698	34.890	ug/l #	39
16) Acetone	2.639	43	3603	1.508	ug/l	90
18) Methyl Acetate	2.793	43	1363	0.211	ug/l #	47
20) Methylene Chloride	3.051	84	1000	Below Cal	#	85
26) 2,2-Dichloropropane	4.629	77	1672	0.271	ug/l #	52
31) Cyclohexane	5.372	56	6339	0.891	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	25363	4.714	ug/l #	48
38) Carbon Tetrachloride	5.372	117	31413	5.567	ug/l #	15
76) 1,2,3-Trichloropropane	10.632	75	115888	15.514	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	115888	57.290	ug/l #	15
95) Naphthalene	14.098	128	658	1.773	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.336	180	70	1.191	ug/l #	12

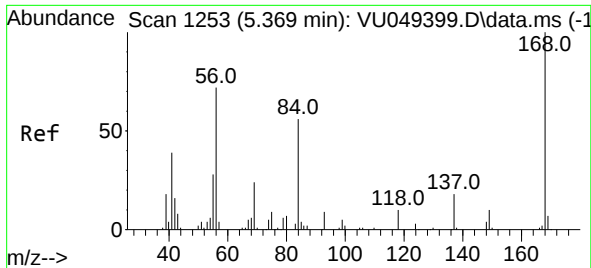
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
Data File : VU049436.D
Acq On : 28 Jun 2022 05:02
Operator : SY/MD
Sample : N3482-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FB062222

Quant Time: Jun 28 07:15:36 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

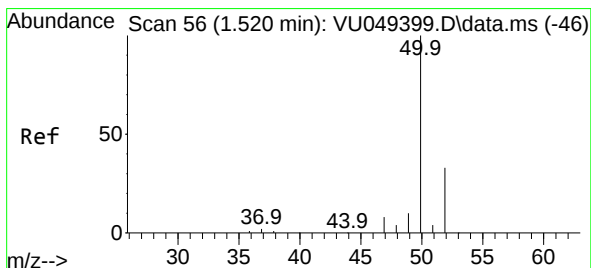
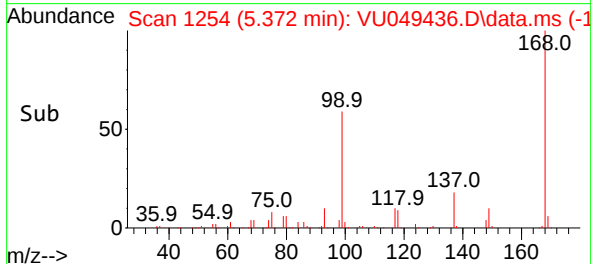
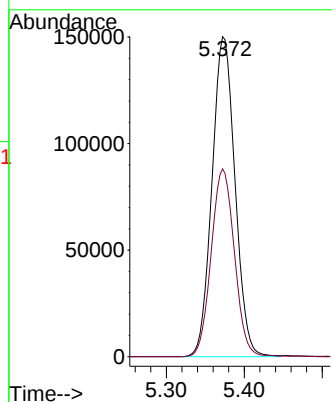
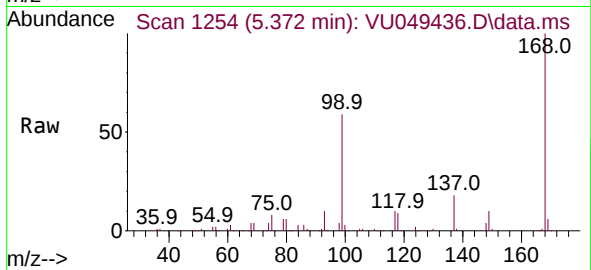




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

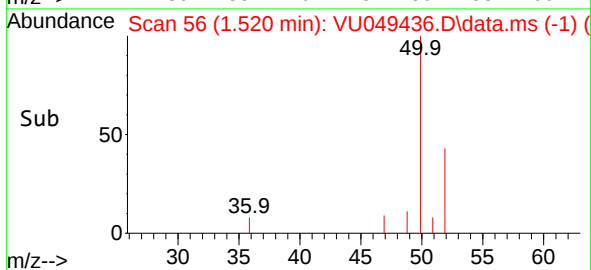
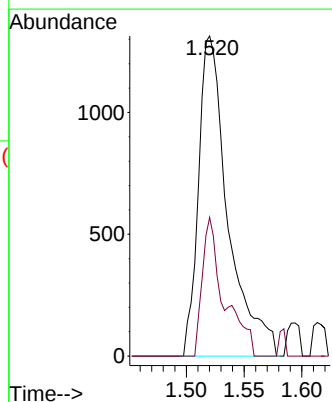
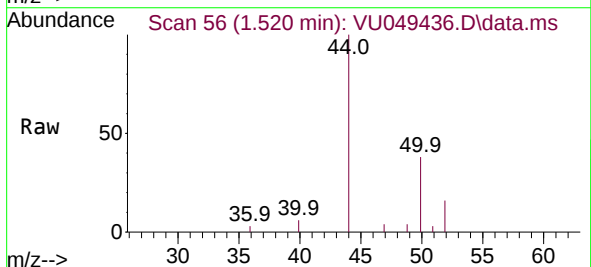
Instrument :
MSVOA_U
ClientSampleId :
FB062222

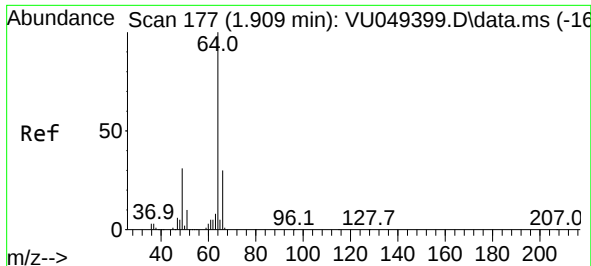
Tgt Ion:168 Resp: 307699
Ion Ratio Lower Upper
168 100
99 58.7 39.3 58.9



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion: 50 Resp: 2330
Ion Ratio Lower Upper
50 100
52 43.3 27.4 41.2#

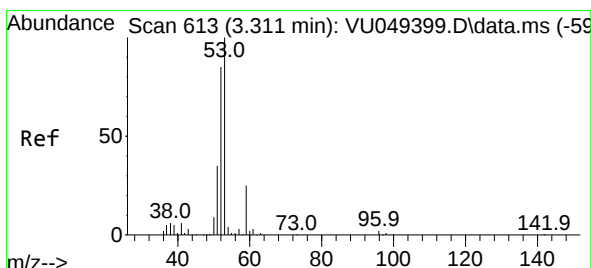
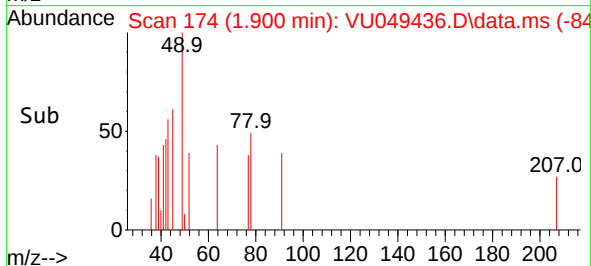
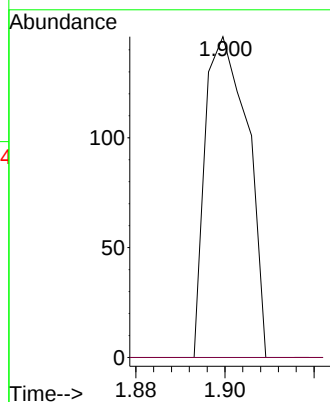
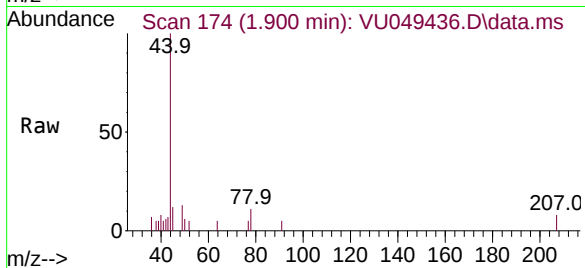




#6
Chloroethane
Concen: 1.956 ug/l
RT: 1.900 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

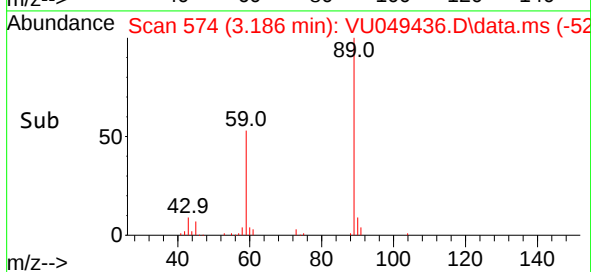
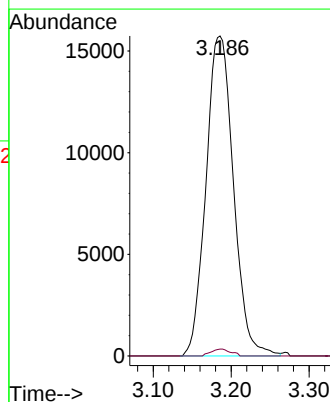
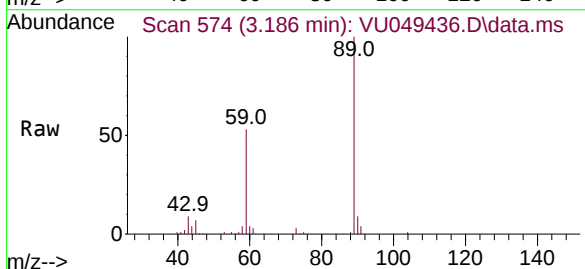
Instrument :
MSVOA_U
ClientSampleId :
FB062222

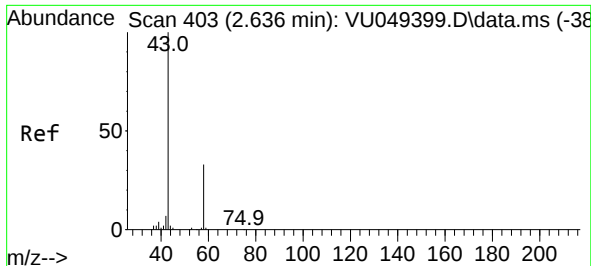
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 34.890 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.125 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion: 59 Resp: 38698
Ion Ratio Lower Upper
59 100
57 1.5 30.6 45.8#





#16

Acetone

Concen: 1.508 ug/l

RT: 2.639 min Scan# 403

Delta R.T. 0.003 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

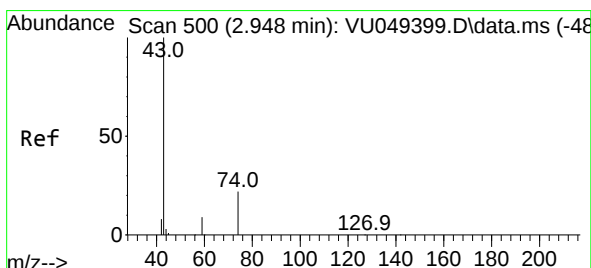
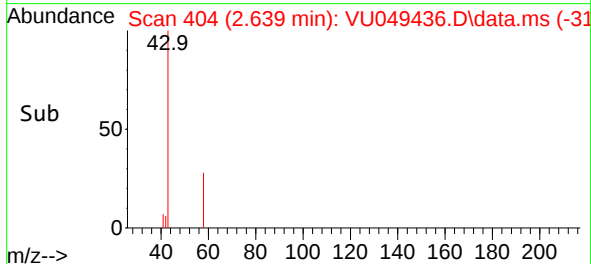
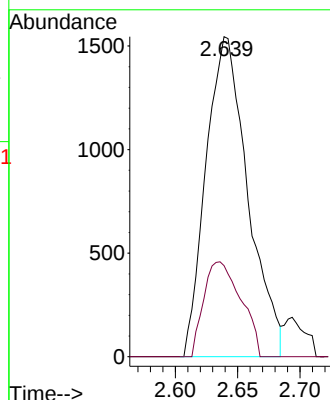
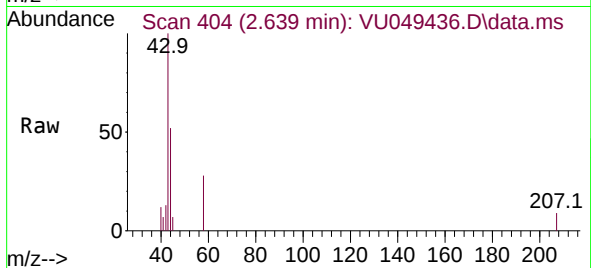
FB062222

Tgt Ion: 43 Resp: 3603

Ion Ratio Lower Upper

43 100

58 28.5 27.5 41.3



#18

Methyl Acetate

Concen: 0.211 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.154 min

Lab File: VU049436.D

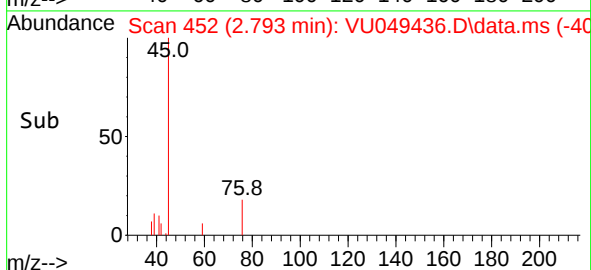
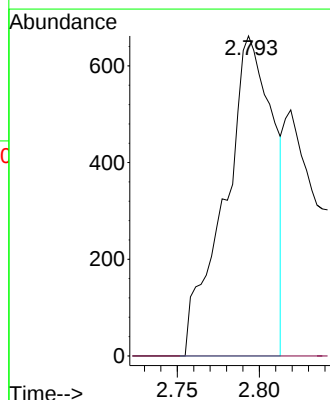
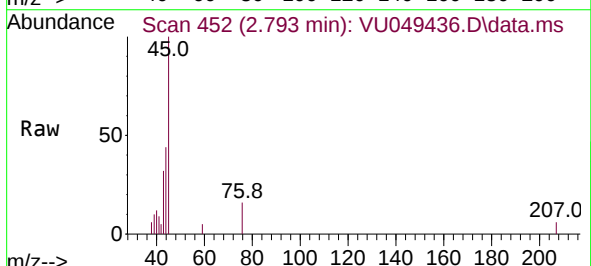
Acq: 28 Jun 2022 05:02

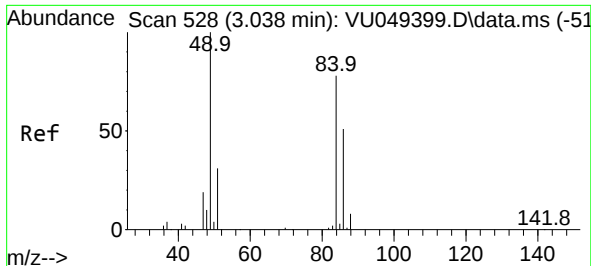
Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

43 100

74 0.0 22.5 33.7#

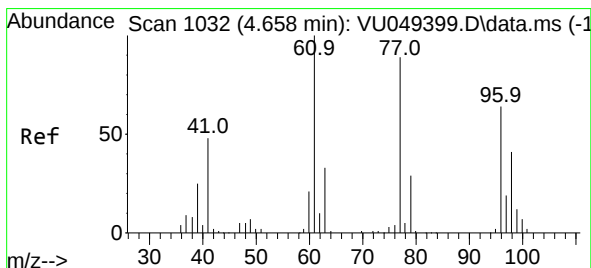
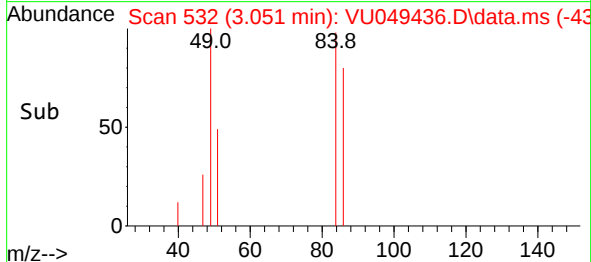
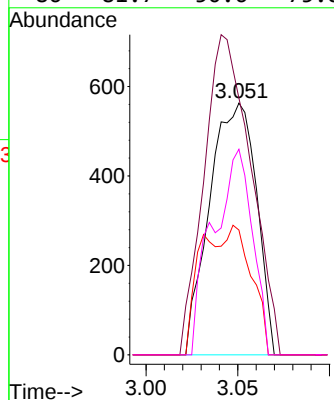
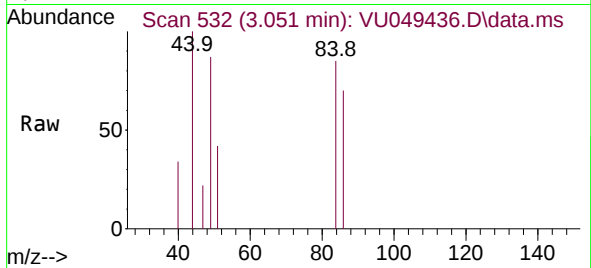




#20
Methylene Chloride
Concen: Below Cal
RT: 3.051 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

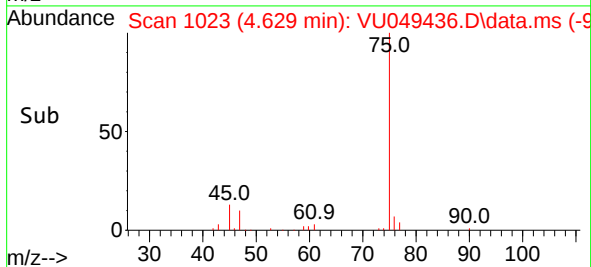
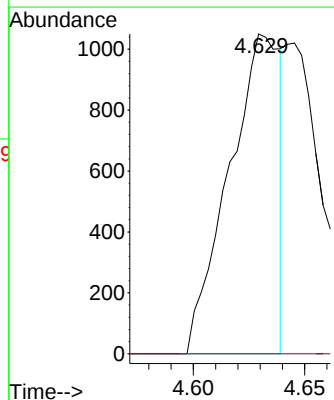
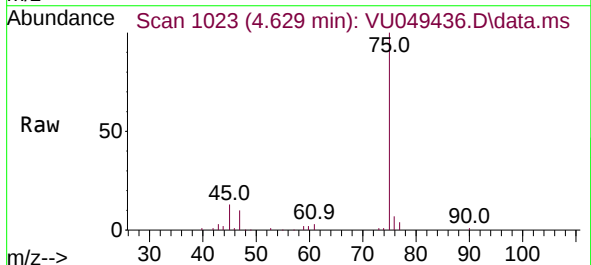
Instrument :
MSVOA_U
ClientSampleId :
FB062222

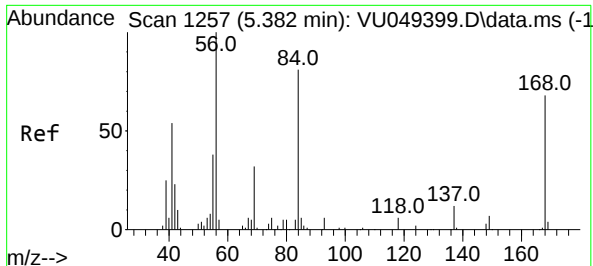
Tgt Ion:	84	Resp:	1000
Ion	Ratio	Lower	Upper
84	100		
49	102.0	86.6	129.8
51	49.6	26.6	40.0#
86	81.7	50.6	75.8#



#26
2,2-Dichloropropane
Concen: 0.271 ug/l
RT: 4.629 min Scan# 1023
Delta R.T. -0.029 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion:	77	Resp:	1672
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.6	34.8#





#31

Cyclohexane

Concen: 0.891 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

FB062222

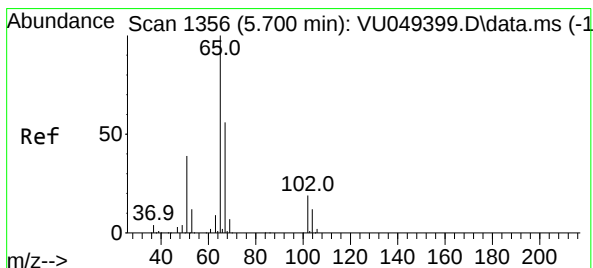
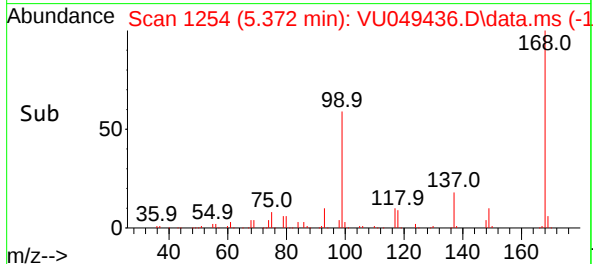
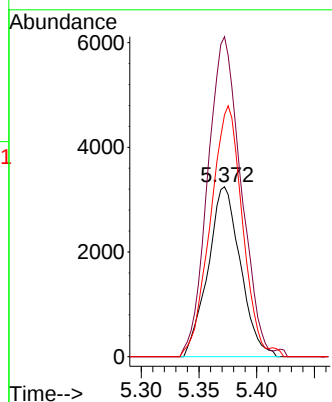
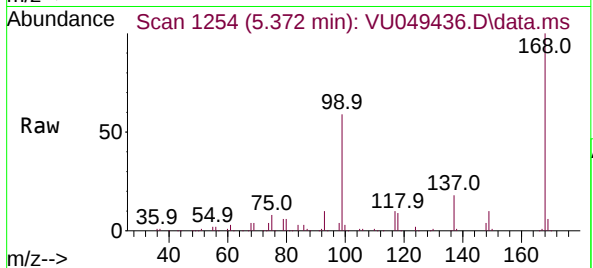
Tgt Ion: 56 Resp: 6339

Ion Ratio Lower Upper

56 100

69 188.2 27.8 41.8#

84 142.3 74.2 111.4#



#33

1,2-Dichloroethane-d4

Concen: 42.735 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049436.D

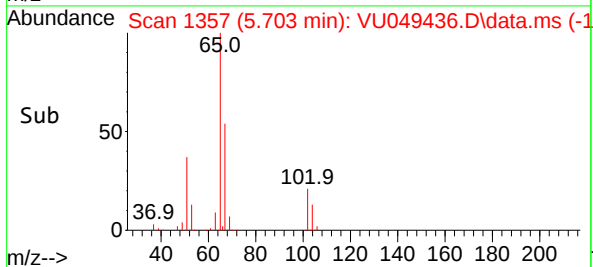
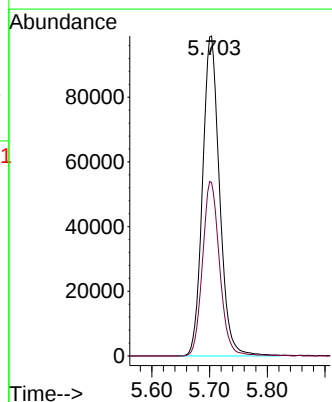
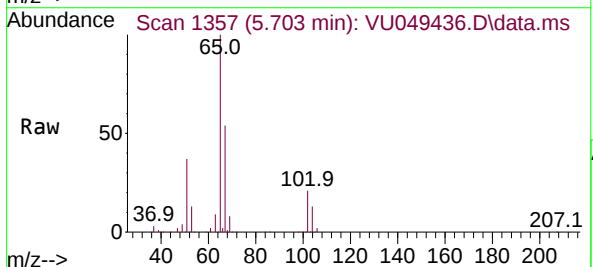
Acq: 28 Jun 2022 05:02

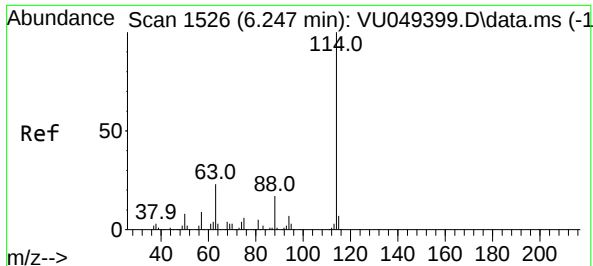
Tgt Ion: 65 Resp: 202513

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.0

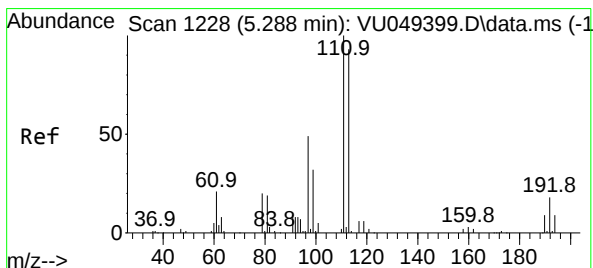
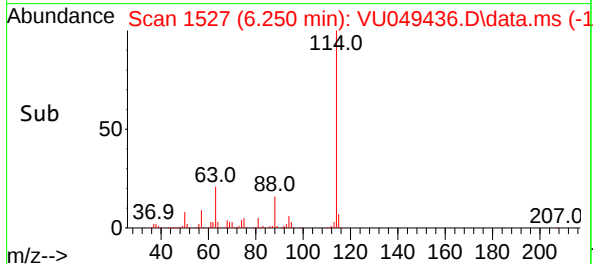
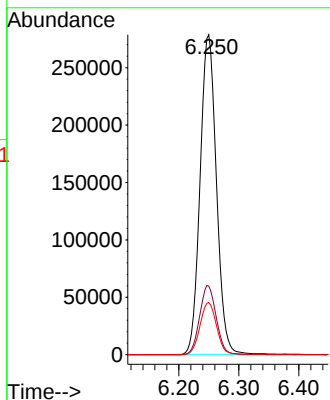
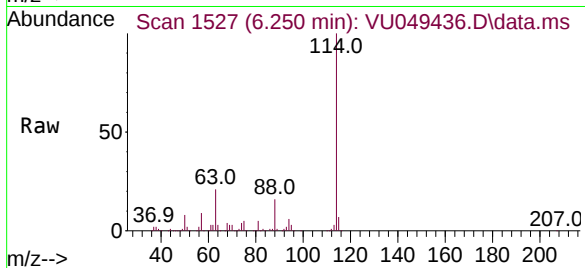




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

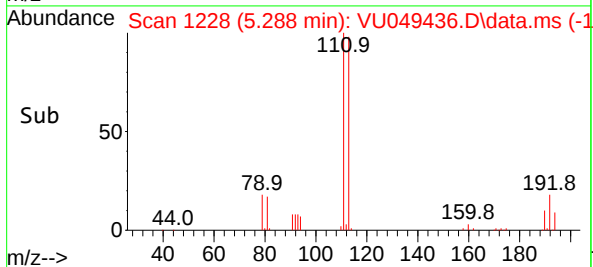
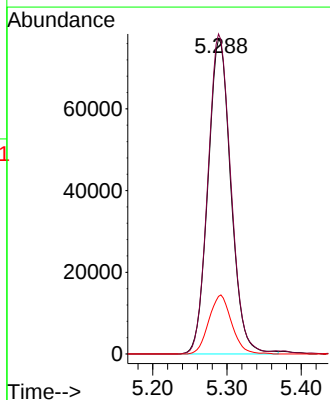
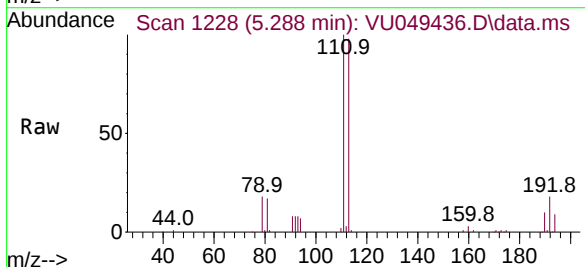
Instrument :
MSVOA_U
ClientSampleId :
FB062222

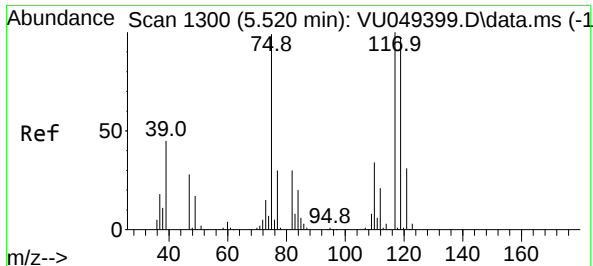
Tgt Ion:114 Resp: 530372
Ion Ratio Lower Upper
114 100
63 21.4 0.0 37.8
88 16.3 0.0 29.2



#35
Dibromofluoromethane
Concen: 44.475 ug/l
RT: 5.288 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion:113 Resp: 165030
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 18.6 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.714 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

FB062222

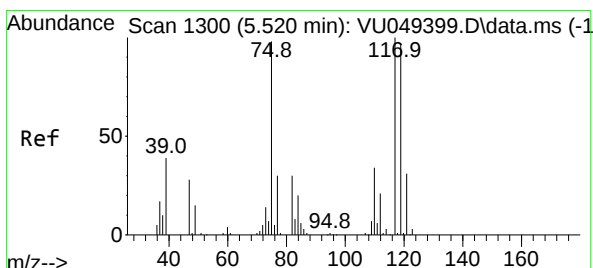
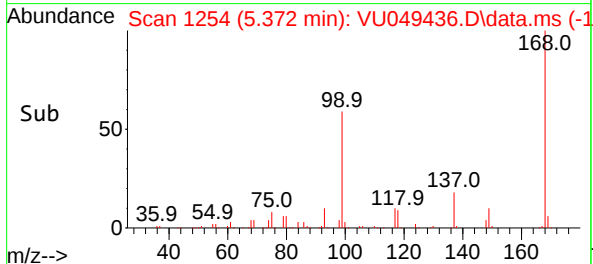
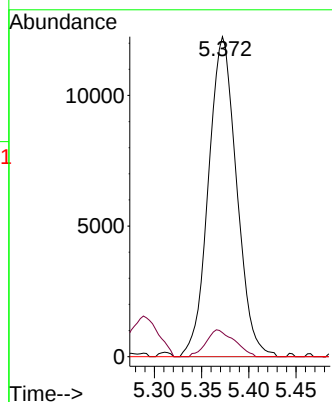
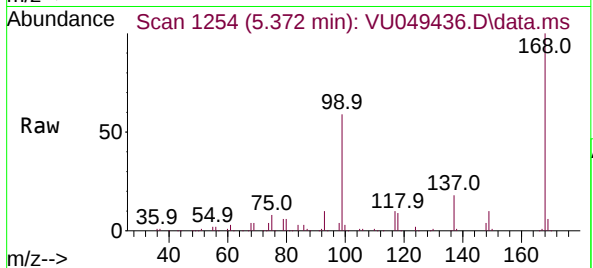
Tgt Ion: 75 Resp: 25363

Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.567 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

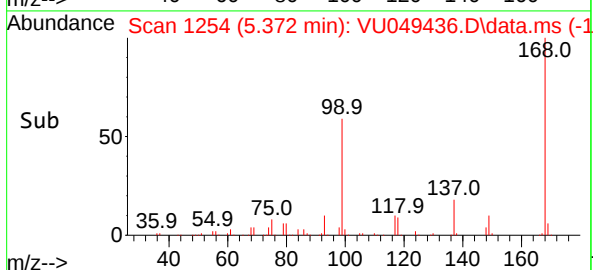
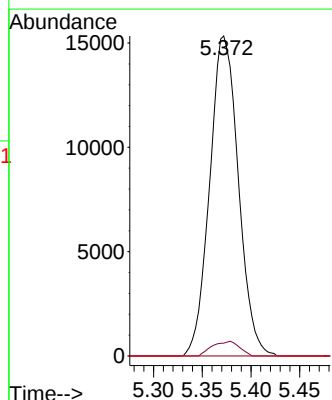
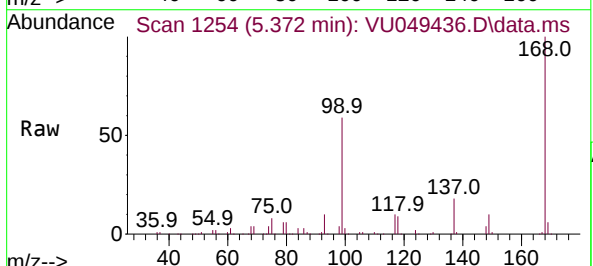
Tgt Ion: 117 Resp: 31413

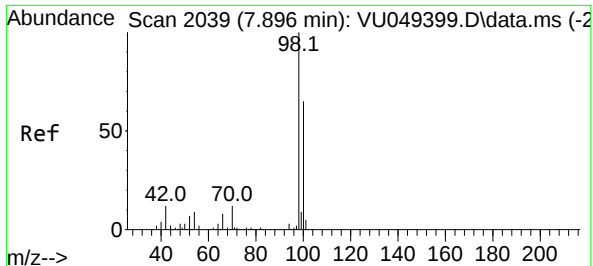
Ion Ratio Lower Upper

117 100

119 4.0 76.8 115.2#

121 0.0 24.7 37.1#

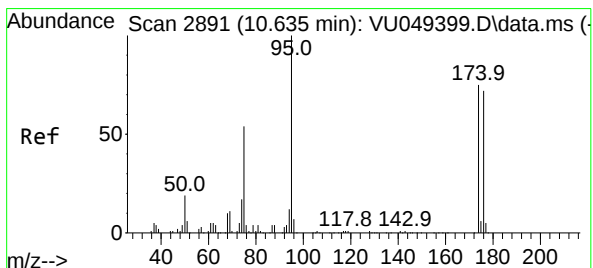
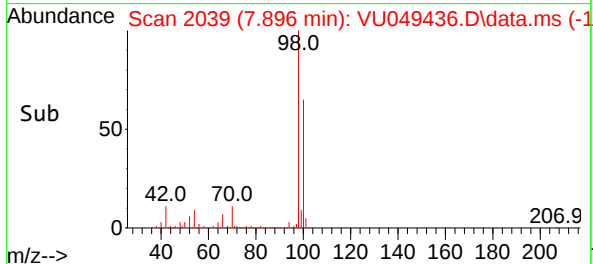
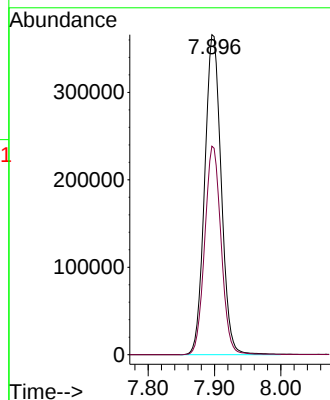
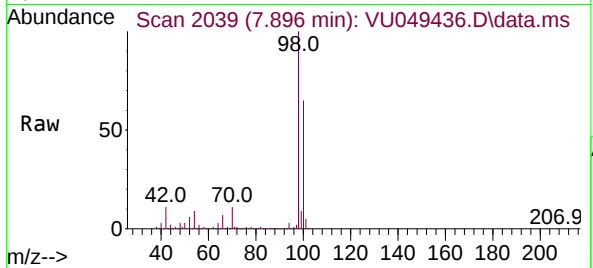




#50
Toluene-d8
Concen: 47.861 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

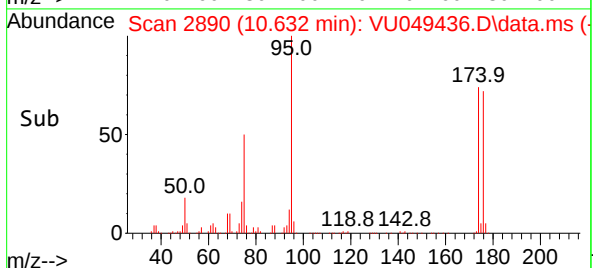
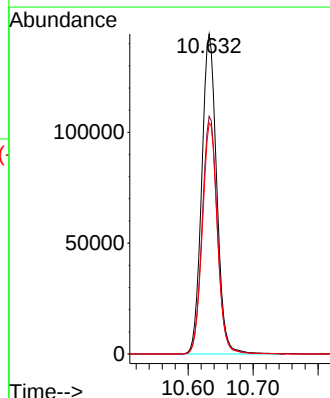
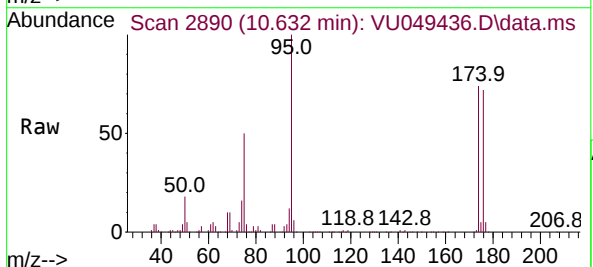
Instrument :
MSVOA_U
ClientSampleId :
FB062222

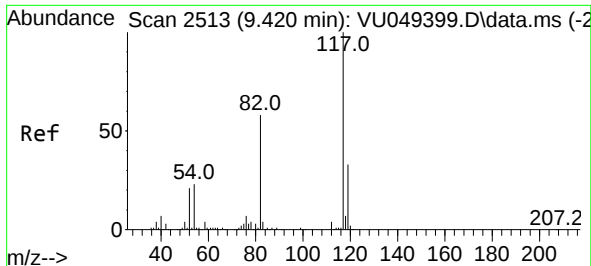
Tgt Ion: 98 Resp: 633434
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion: 95 Resp: 231791
Ion Ratio Lower Upper
95 100
174 75.0 0.0 182.0
176 72.3 0.0 177.8

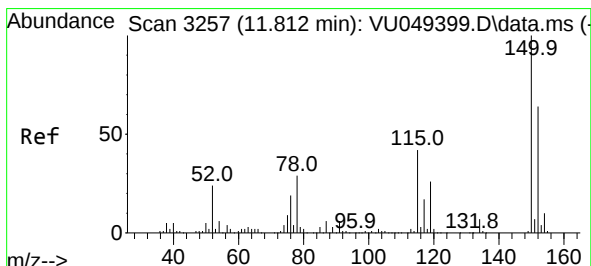
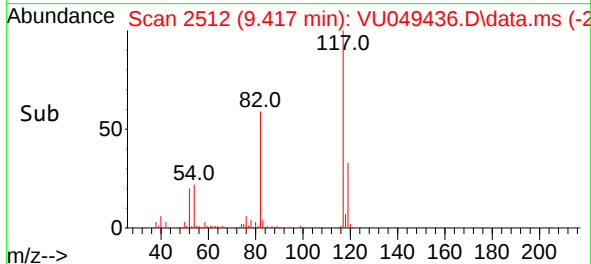
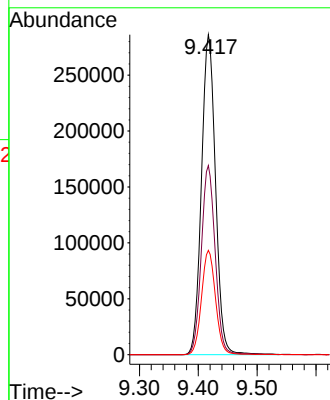
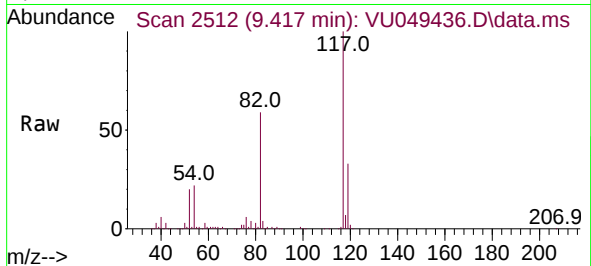




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

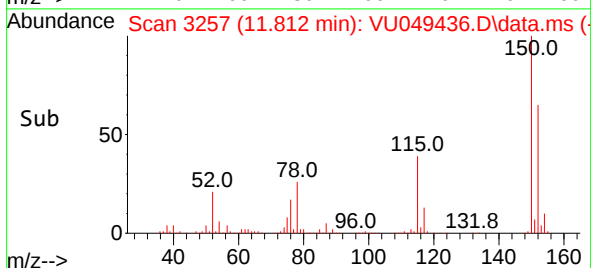
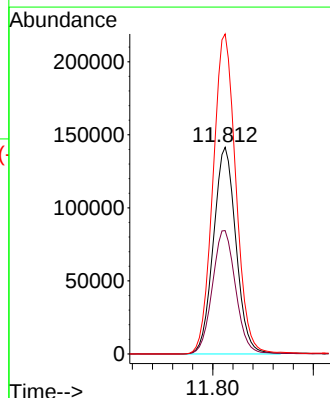
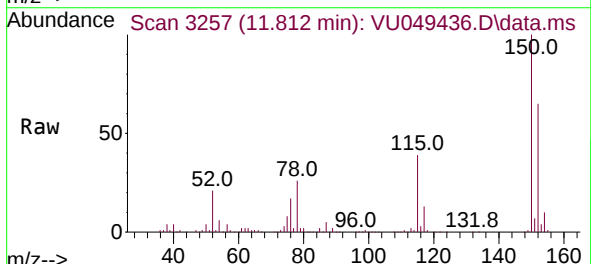
Instrument :
MSVOA_U
ClientSampleId :
FB062222

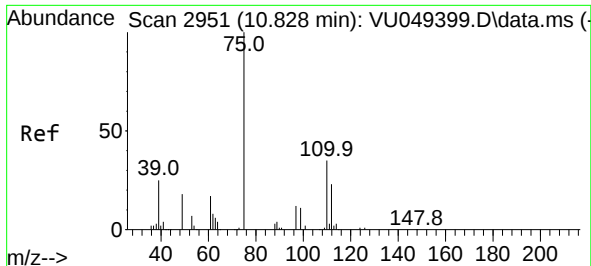
Tgt Ion:117 Resp: 475429
Ion Ratio Lower Upper
117 100
82 59.1 41.7 62.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion:152 Resp: 220361
Ion Ratio Lower Upper
152 100
115 61.7 37.0 110.9
150 157.3 0.0 342.2

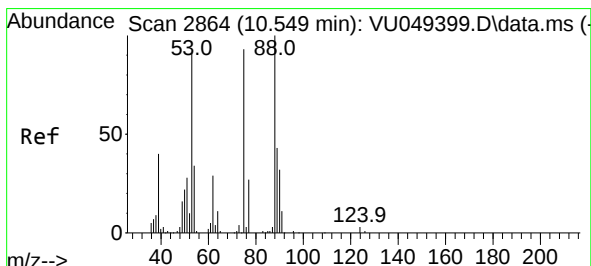
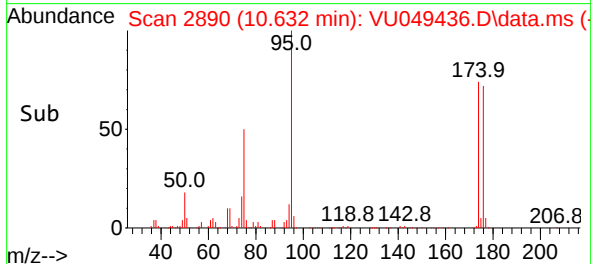
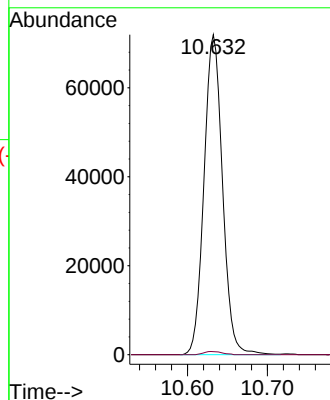
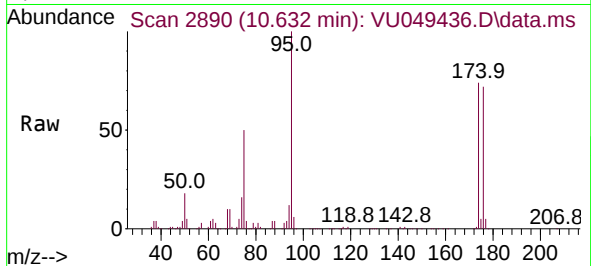




#76
1,2,3-Trichloropropane
Concen: 15.514 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

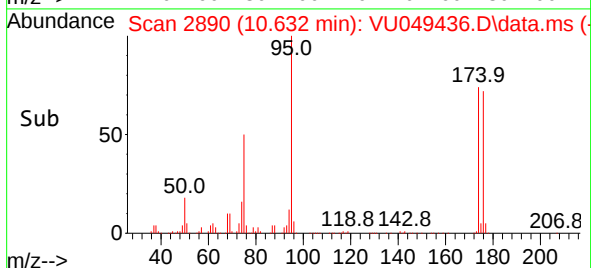
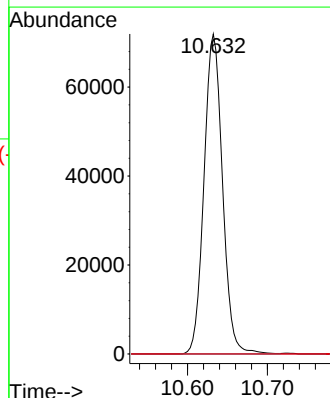
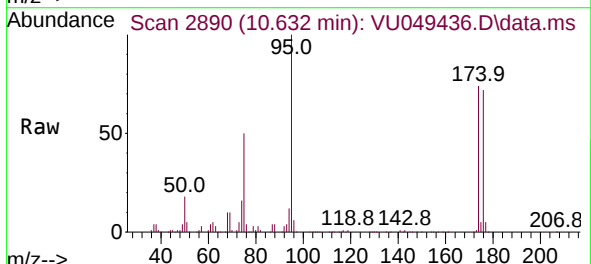
Instrument :
MSVOA_U
ClientSampleId :
FB062222

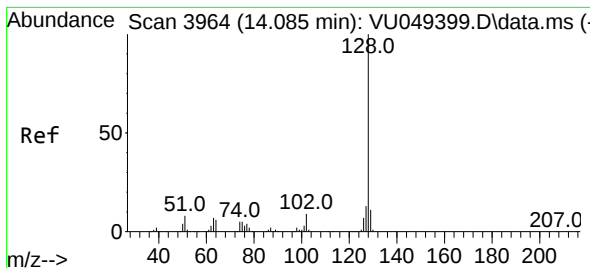
Tgt Ion: 75 Resp: 115888
Ion Ratio Lower Upper
75 100
77 1.0 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.290 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049436.D
Acq: 28 Jun 2022 05:02

Tgt Ion: 75 Resp: 115888
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 1.773 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.013 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Instrument :

MSVOA_U

ClientSampleId :

FB062222

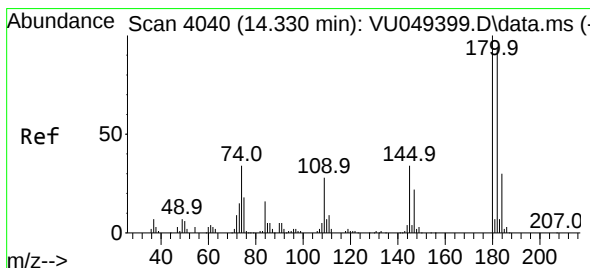
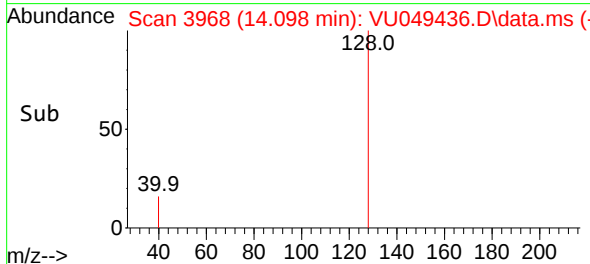
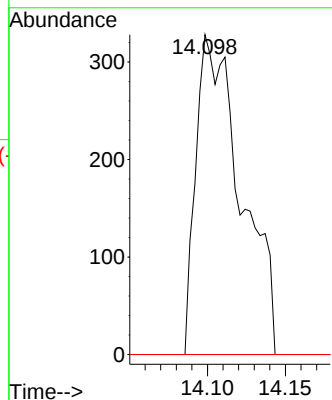
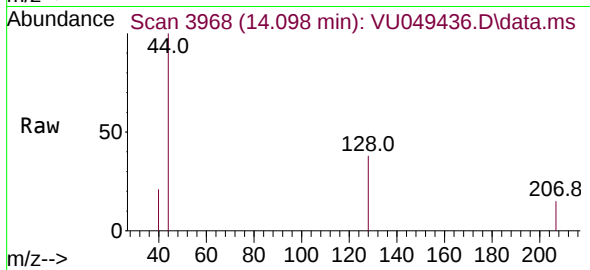
Tgt Ion:128 Resp: 658

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.191 ug/l

RT: 14.336 min Scan# 4042

Delta R.T. 0.006 min

Lab File: VU049436.D

Acq: 28 Jun 2022 05:02

Tgt Ion:180 Resp: 70

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.0#

145 0.0 14.8 44.4#

