

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049625.D
 Acq On : 05 Jul 2022 17:58
 Operator : SY/MD
 Sample : N3564-27DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-4DL

Quant Time: Jul 06 07:49:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

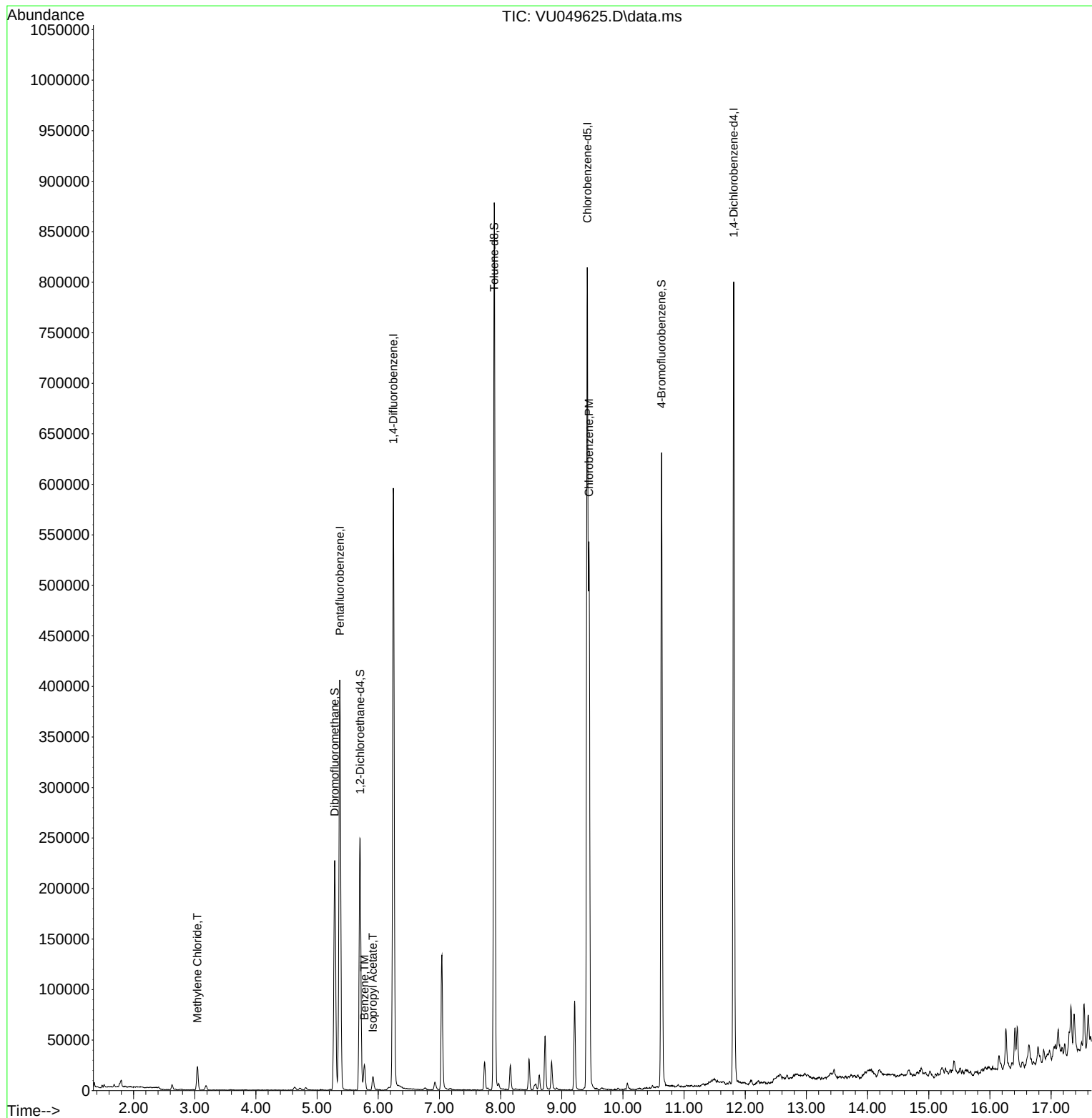
Internal Standards						
1) Pentafluorobenzene	5.372	168	278791	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	477389	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	436638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	207554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184604	42.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.000%
35) Dibromofluoromethane	5.288	113	148798	44.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.100%
50) Toluene-d8	7.896	98	574742	48.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	10.632	95	216504	47.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.880%
Target Compounds						
						Qvalue
20) Methylene Chloride	3.041	84	11187	2.397	ug/l	92
40) Benzene	5.774	78	22550	1.542	ug/l	93
43) Isopropyl Acetate	5.912	43	15350	1.583	ug/l #	95
65) Chlorobenzene	9.446	112	268517	30.081	ug/l	99

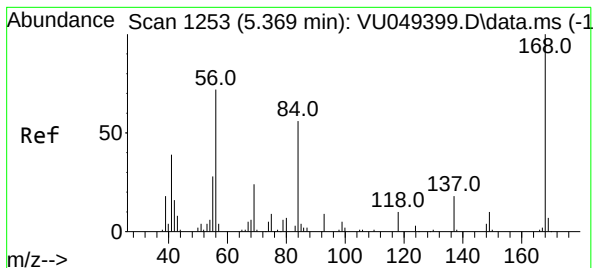
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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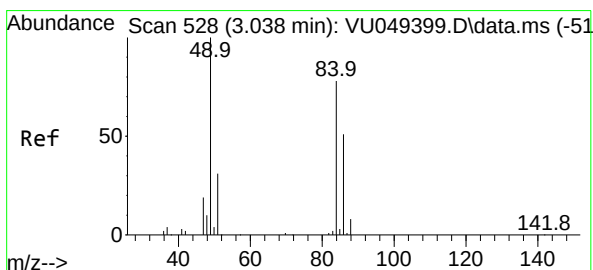
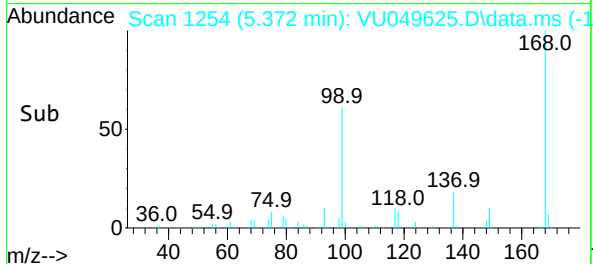
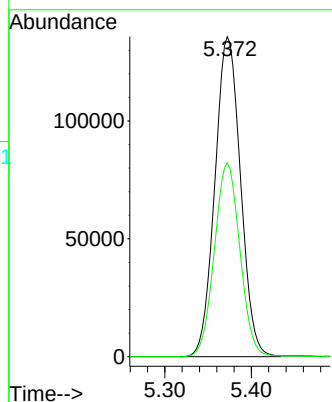
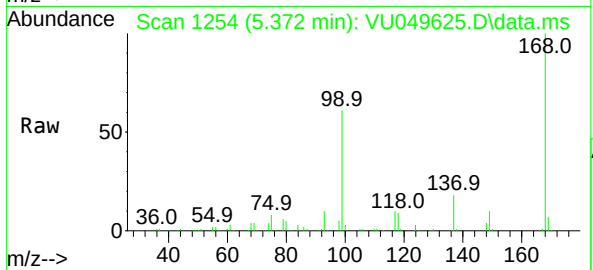




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

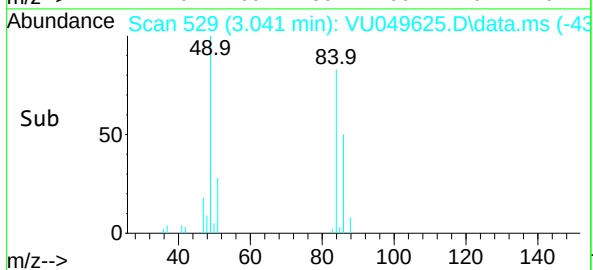
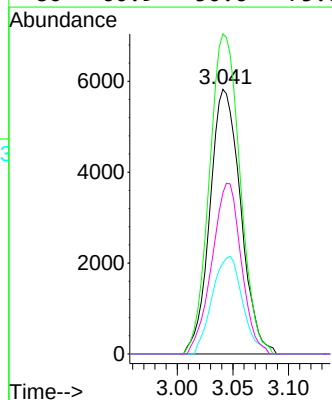
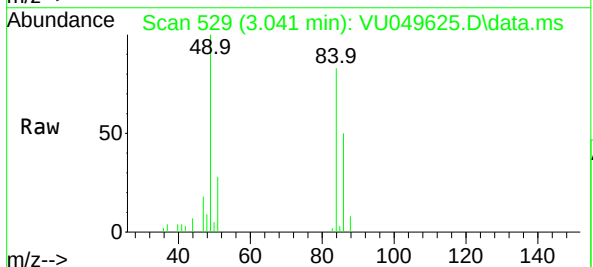
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4DL

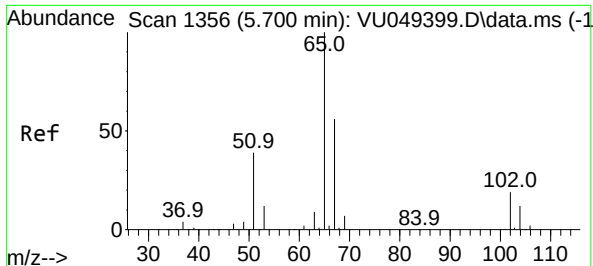
Tgt Ion:168 Resp: 278791
Ion Ratio Lower Upper
168 100
99 60.6 39.3 58.9#



#20
Methylene Chloride
Concen: 2.397 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

Tgt Ion: 84 Resp: 11187
Ion Ratio Lower Upper
84 100
49 120.9 86.6 129.8
51 34.3 26.6 40.0
86 60.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 42.996 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049625.D

Acq: 05 Jul 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

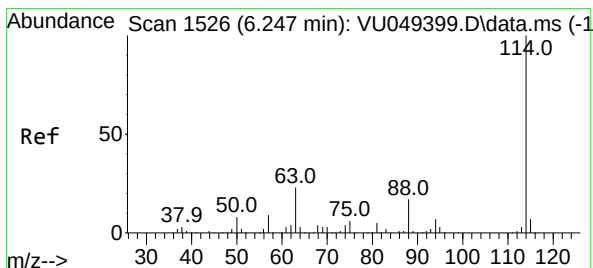
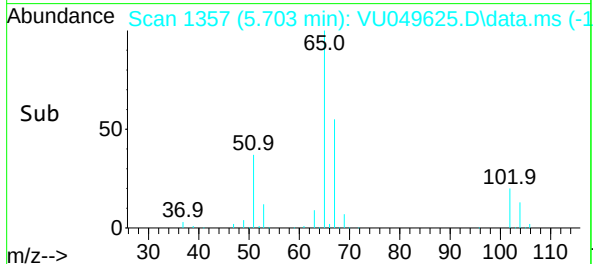
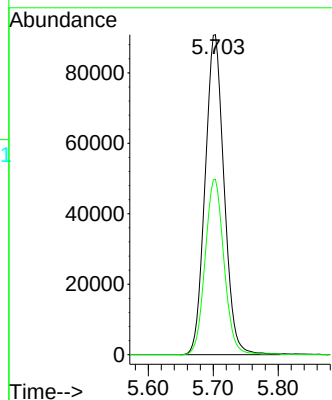
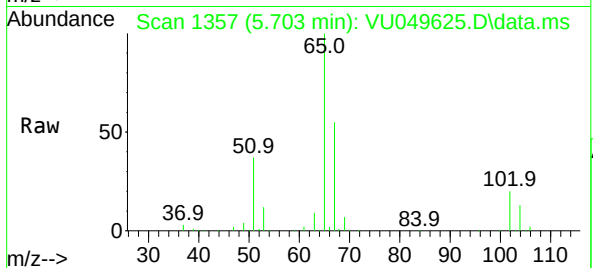
WC-16-2-4DL

Tgt Ion: 65 Resp: 184604

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049625.D

Acq: 05 Jul 2022 17:58

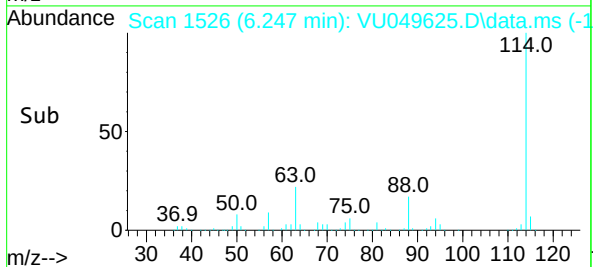
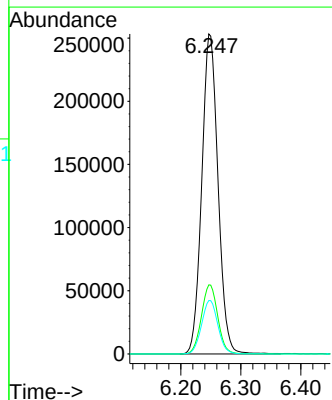
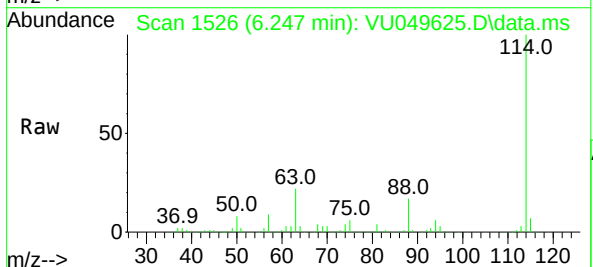
Tgt Ion: 114 Resp: 477389

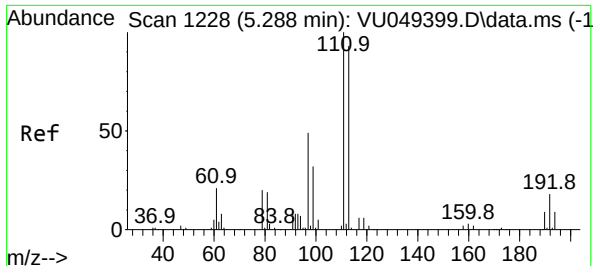
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.551 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049625.D

Acq: 05 Jul 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-4DL

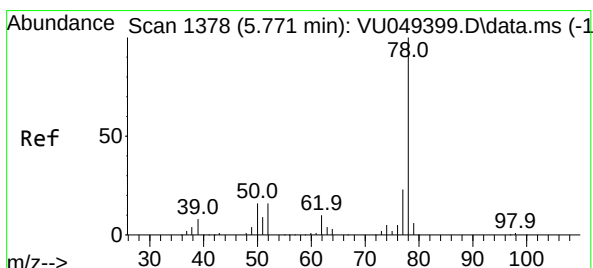
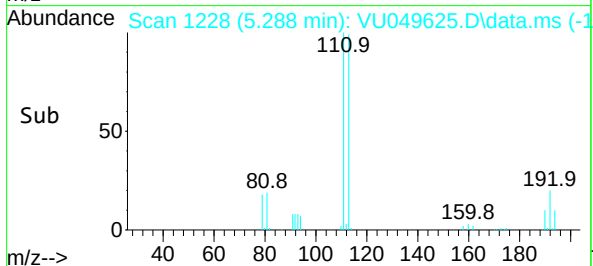
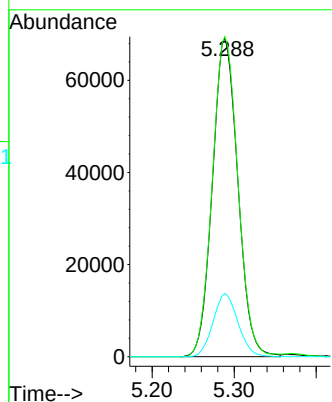
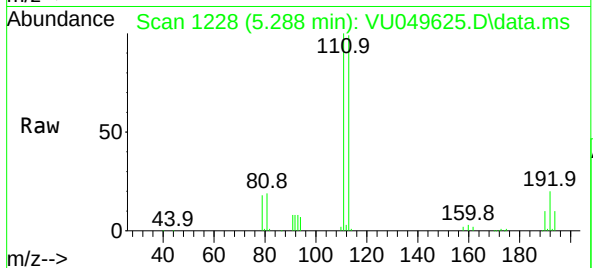
Tgt Ion:113 Resp: 148798

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

192 19.4 18.0 27.0



#40

Benzene

Concen: 1.542 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049625.D

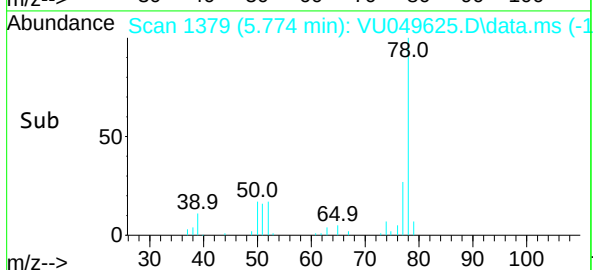
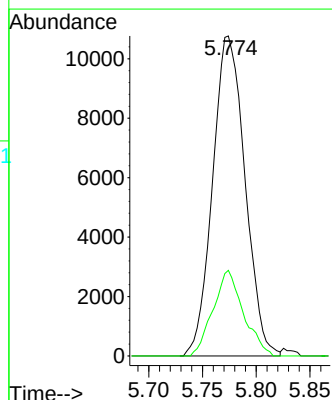
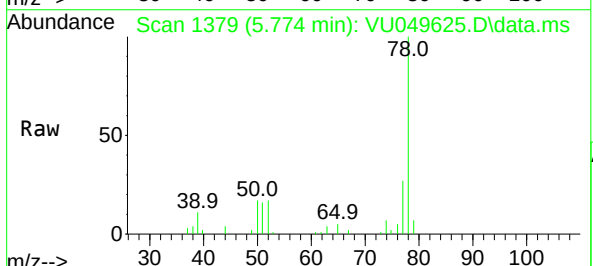
Acq: 05 Jul 2022 17:58

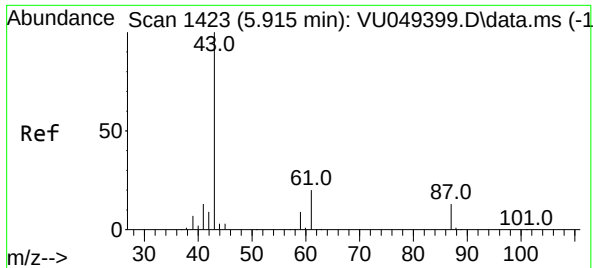
Tgt Ion: 78 Resp: 22550

Ion Ratio Lower Upper

78 100

77 26.8 18.8 28.2

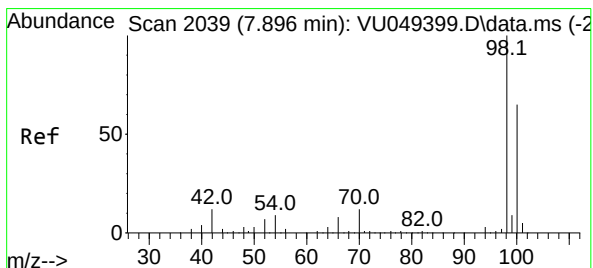
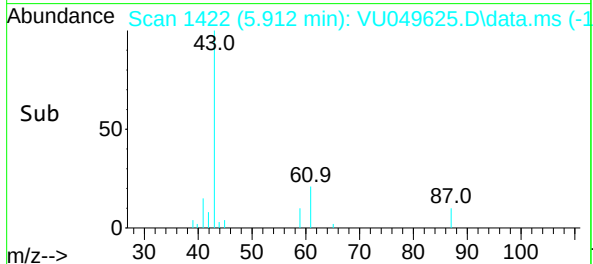
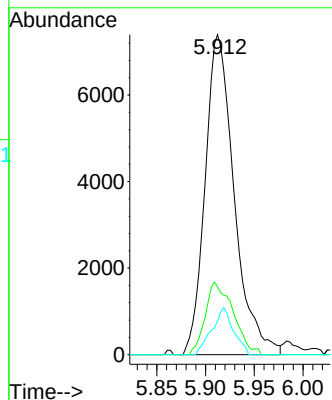
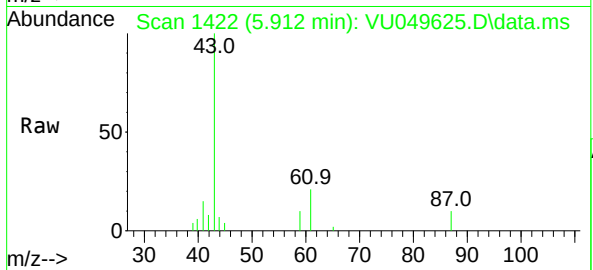




#43
Isopropyl Acetate
Concen: 1.583 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

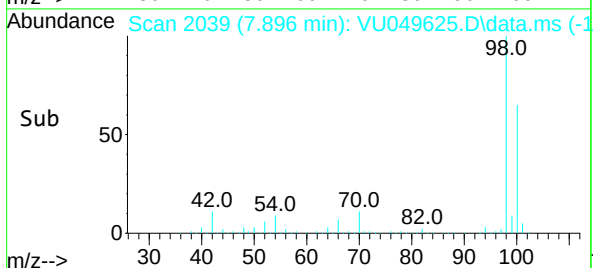
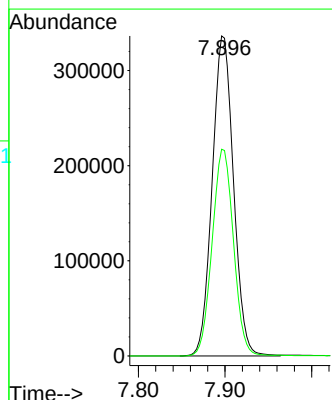
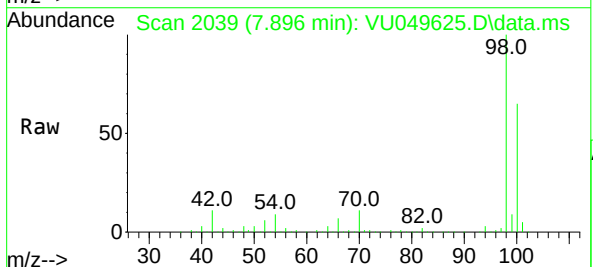
Instrument :
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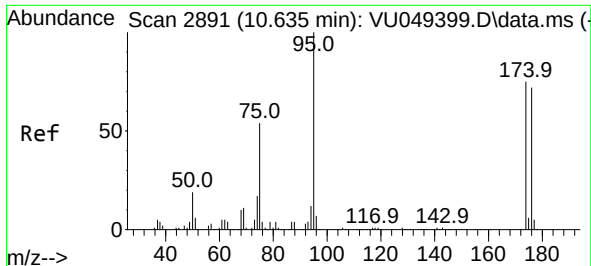
Tgt Ion: 43 Resp: 15350
Ion Ratio Lower Upper
43 100
61 21.8 17.4 26.0
87 10.9 12.6 18.8#



#50
Toluene-d8
Concen: 48.246 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

Tgt Ion: 98 Resp: 574742
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5

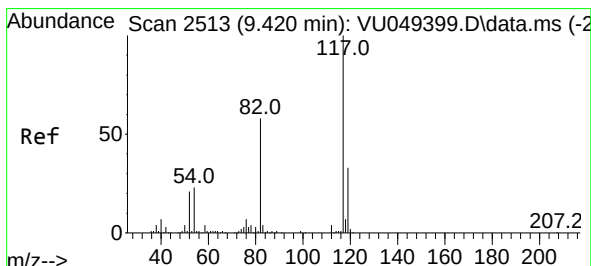
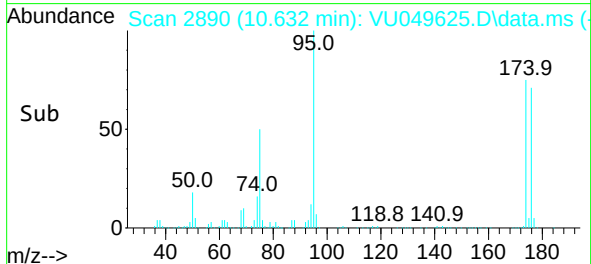
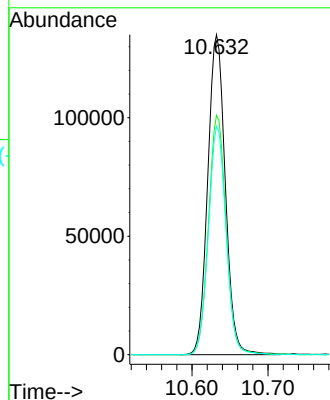
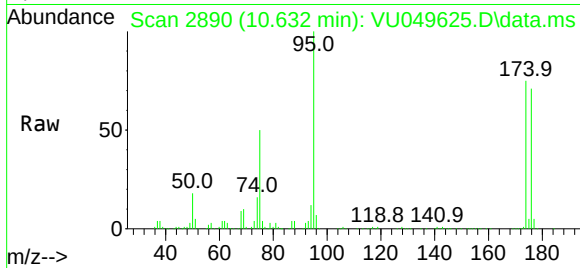




#62
4-Bromofluorobenzene
Concen: 47.444 ug/l
RT: 10.632 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

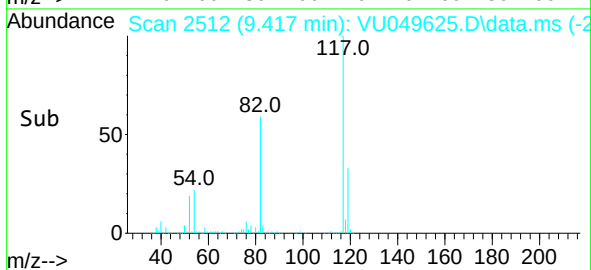
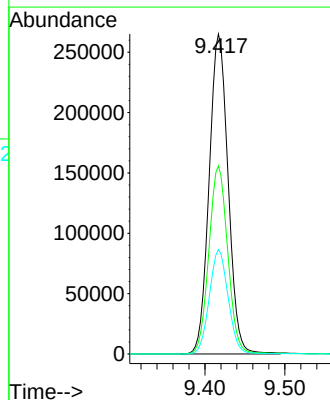
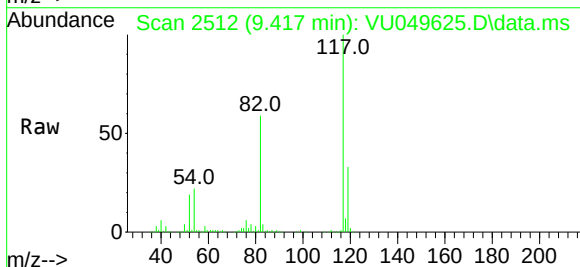
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4DL

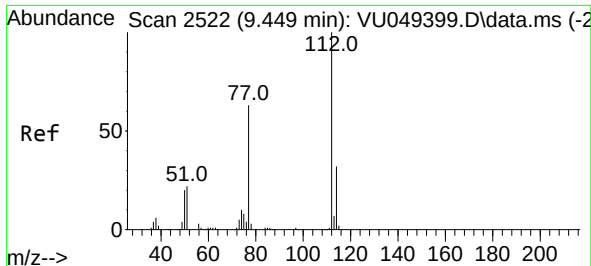
Tgt Ion: 95 Resp: 216504
Ion Ratio Lower Upper
95 100
174 74.9 0.0 182.0
176 71.8 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

Tgt Ion: 117 Resp: 436638
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 32.7 25.7 38.5

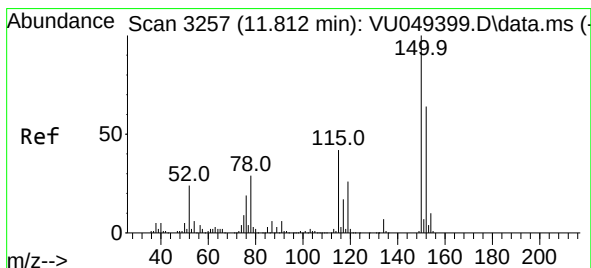
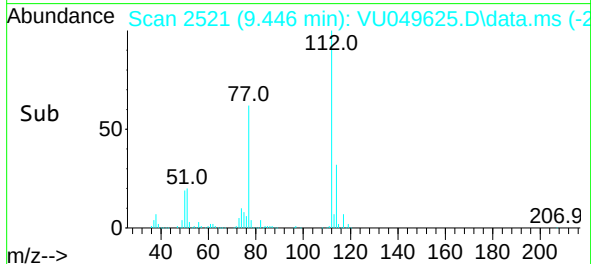
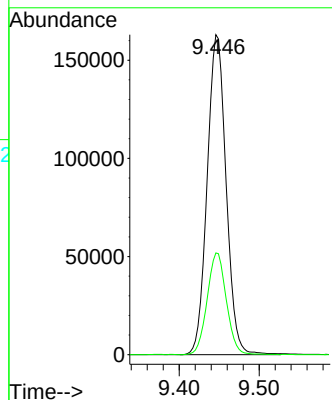
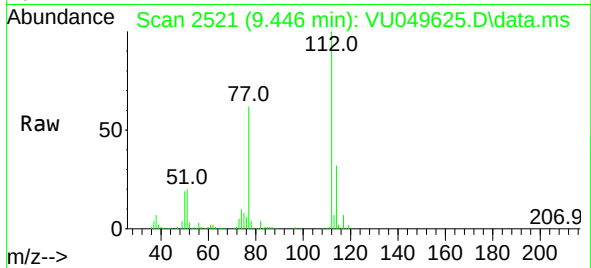




#65
Chlorobenzene
Concen: 30.081 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 268517
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049625.D
Acq: 05 Jul 2022 17:58

Tgt Ion:152 Resp: 207554
Ion Ratio Lower Upper
152 100
115 61.9 37.0 110.9
150 157.9 0.0 342.2

