

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049428.D
 Acq On : 28 Jun 2022 01:53
 Operator : SY/MD
 Sample : N3386-02RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE105D1-20220613RE

Quant Time: Jun 28 07:13:09 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)

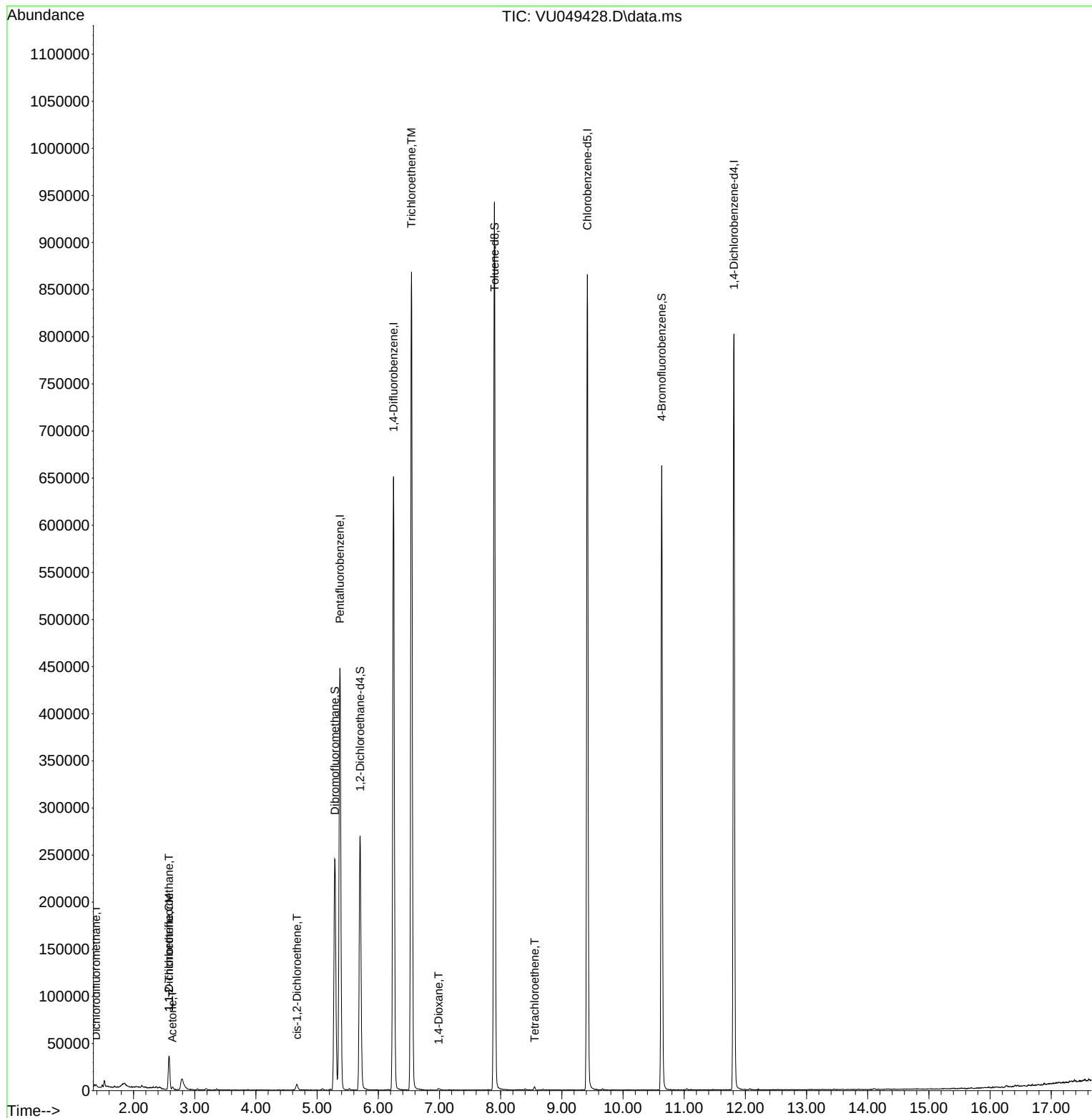
Internal Standards						
1) Pentafluorobenzene	5.372	168	309836	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	532597	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	473133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	202082	42.350	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.700%
35) Dibromofluoromethane	5.288	113	164324	44.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.200%
50) Toluene-d8	7.899	98	628929	47.322	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.640%
62) 4-Bromofluorobenzene	10.632	95	227218	44.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1234	0.248	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	12260	3.567	ug/l	97
12) 1,1-Dichloroethene	2.578	96	1784	0.530	ug/l #	89
16) Acetone	2.636	43	3400	1.413	ug/l	89
27) cis-1,2-Dichloroethene	4.671	96	3621	0.864	ug/l	91
44) Trichloroethene	6.542	130	287744	74.204	ug/l	86
49) 1,4-Dioxane	6.986	88	1611	12.403	ug/l #	49
64) Tetrachloroethene	8.555	164	677	0.223	ug/l #	77

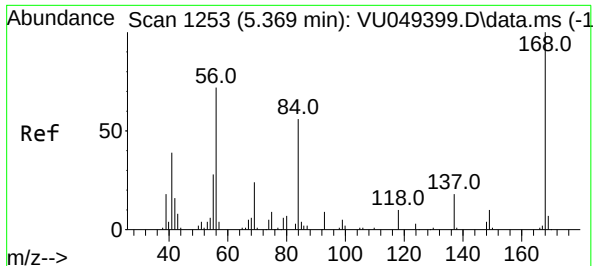
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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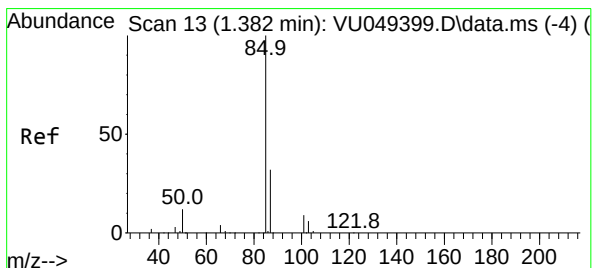
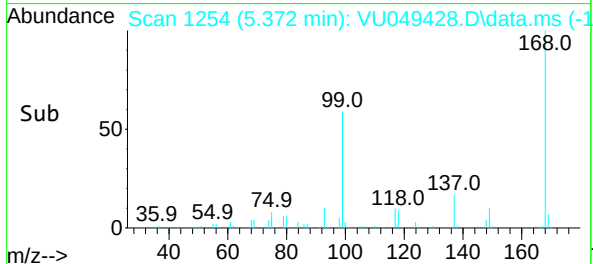
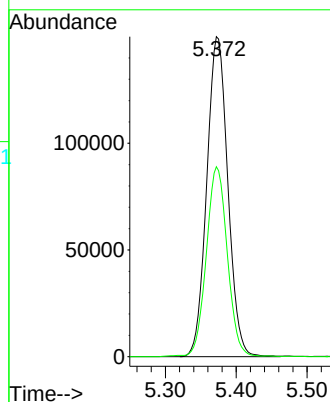
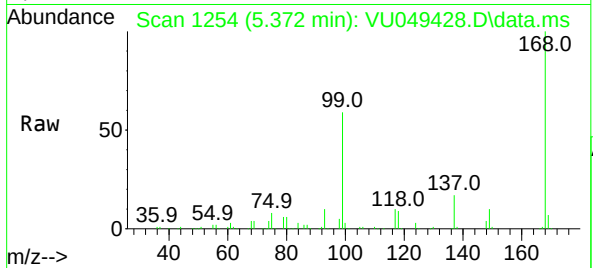




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

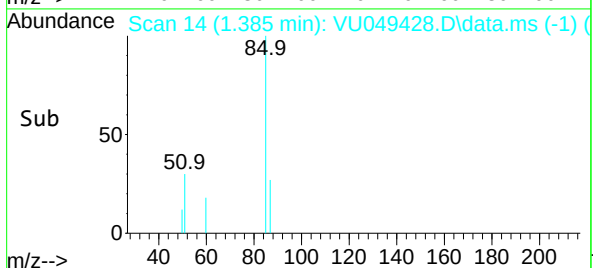
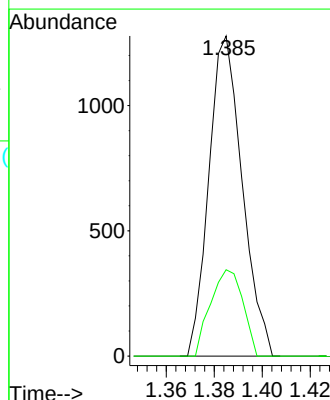
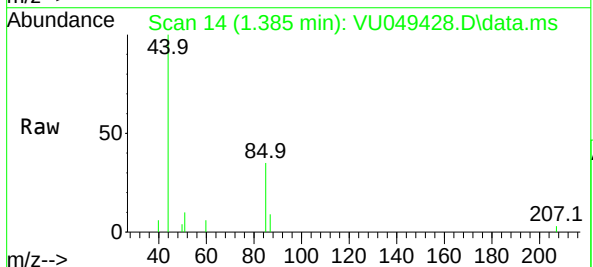
Instrument :
MSVOA_U
ClientSampleId :
RE105D1-20220613RE

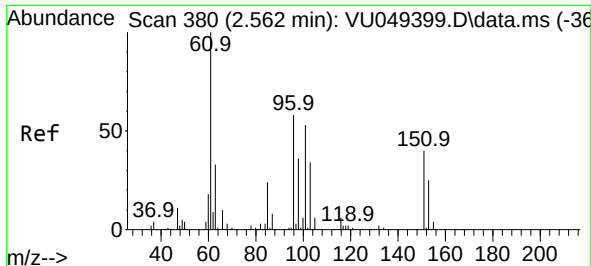
Tgt Ion:168 Resp: 309836
Ion Ratio Lower Upper
168 100
99 59.2 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 0.248 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

Tgt Ion: 85 Resp: 1234
Ion Ratio Lower Upper
85 100
87 27.0 16.4 49.2

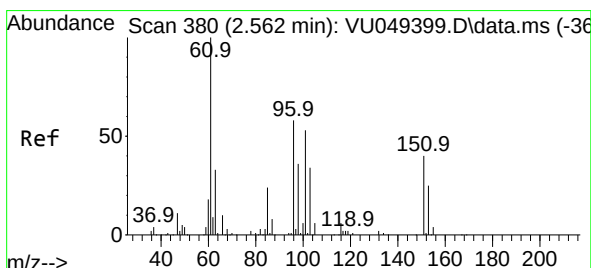
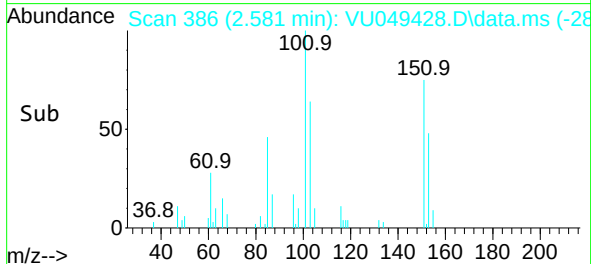
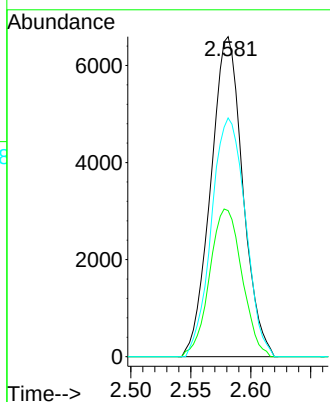
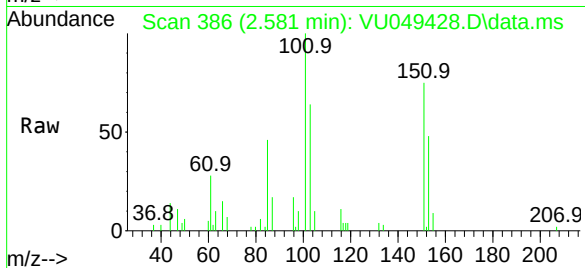




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.567 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.019 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

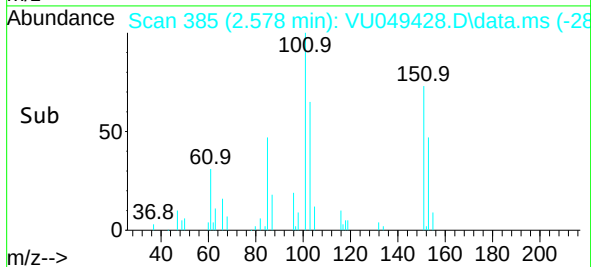
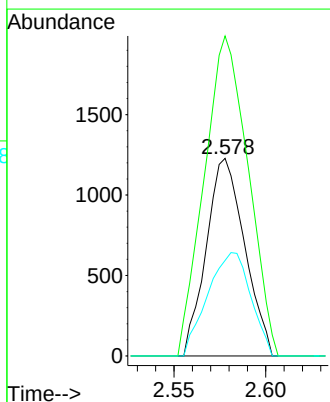
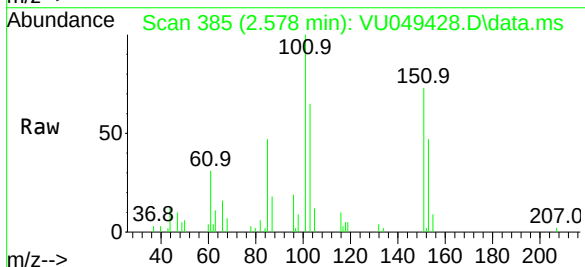
Instrument :
MSVOA_U
ClientSampleId :
RE105D1-20220613RE

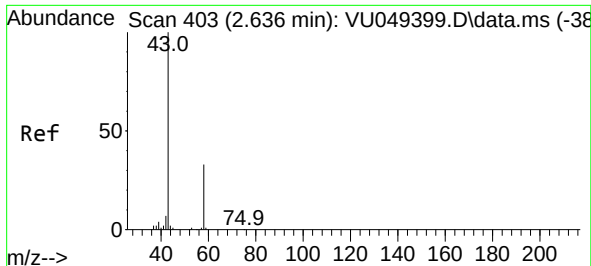
Tgt Ion:101 Resp: 12260
Ion Ratio Lower Upper
101 100
85 46.6 33.9 50.9
151 78.9 64.0 96.0



#12
1,1-Dichloroethene
Concen: 0.530 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

Tgt Ion: 96 Resp: 1784
Ion Ratio Lower Upper
96 100
61 162.0 122.2 183.2
98 48.4 50.7 76.1#

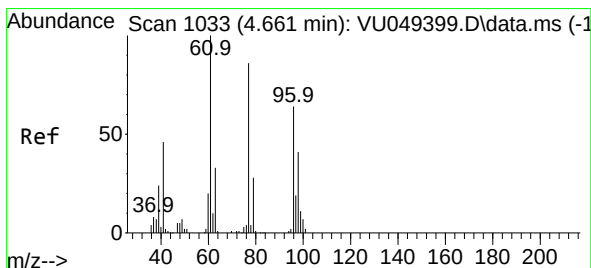
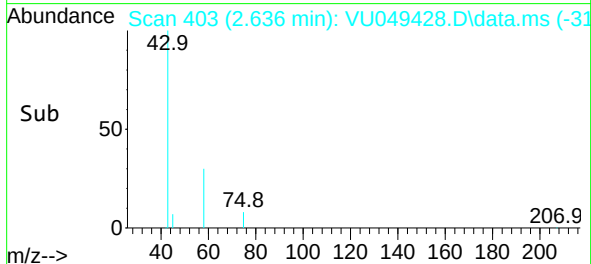
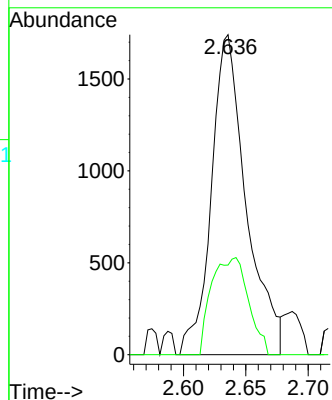
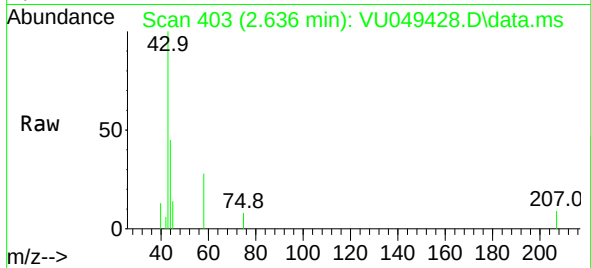




#16
Acetone
Concen: 1.413 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

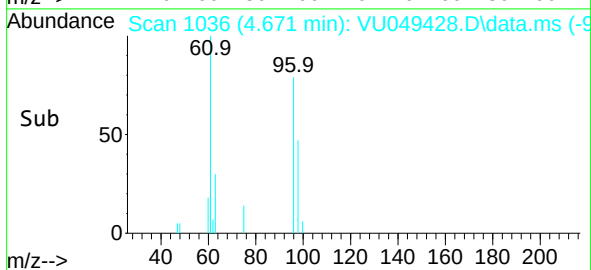
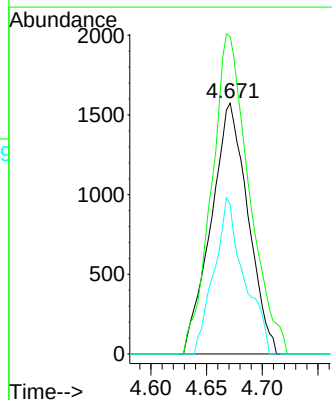
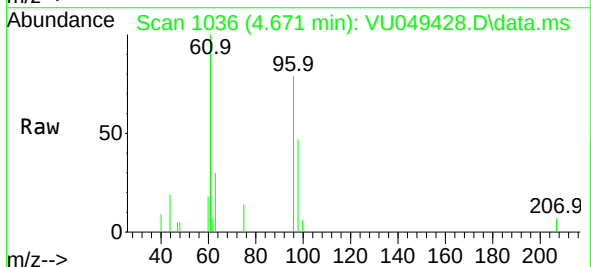
Instrument :
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RE105D1-20220613RE

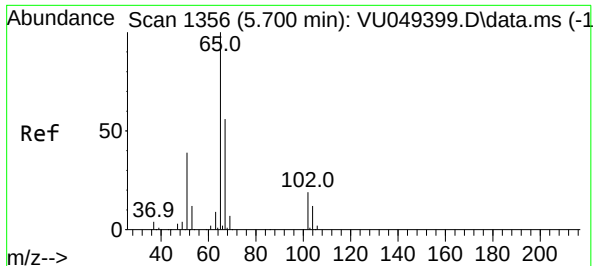
Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
58 28.0 27.5 41.3



#27
cis-1,2-Dichloroethene
Concen: 0.864 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

Tgt Ion: 96 Resp: 3621
Ion Ratio Lower Upper
96 100
61 129.6 0.0 271.6
98 50.7 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 42.350 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049428.D

Acq: 28 Jun 2022 01:53

Instrument :

MSVOA_U

ClientSampleId :

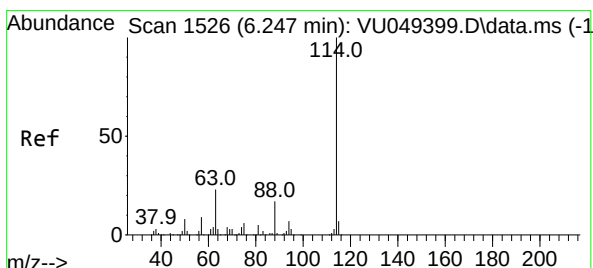
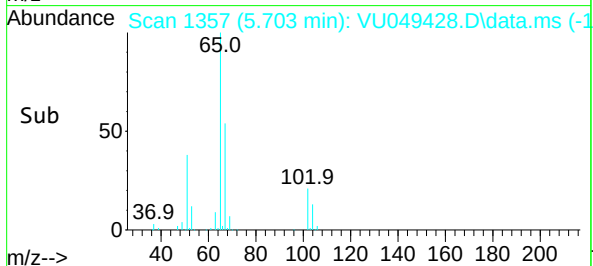
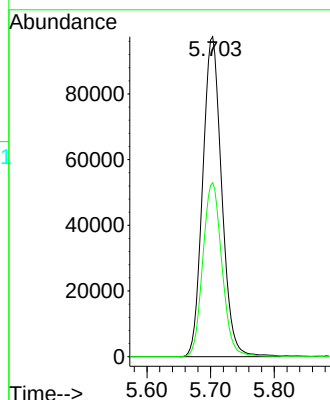
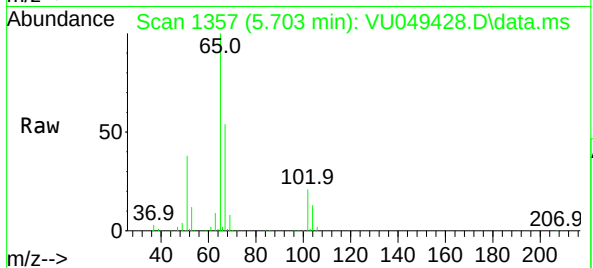
RE105D1-20220613RE

Tgt Ion: 65 Resp: 202082

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049428.D

Acq: 28 Jun 2022 01:53

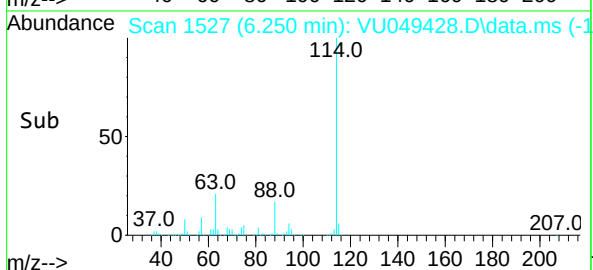
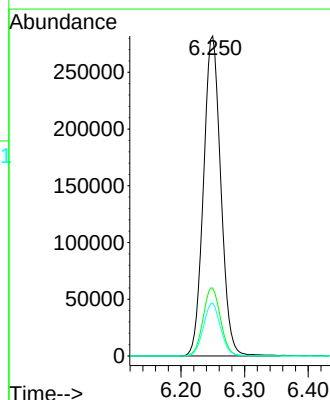
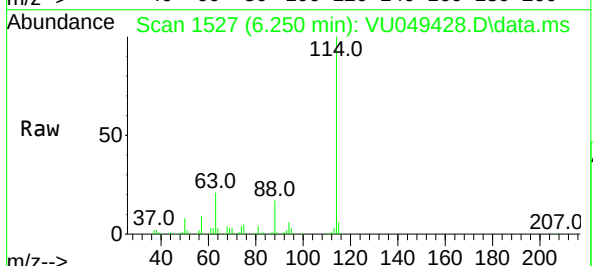
Tgt Ion:114 Resp: 532597

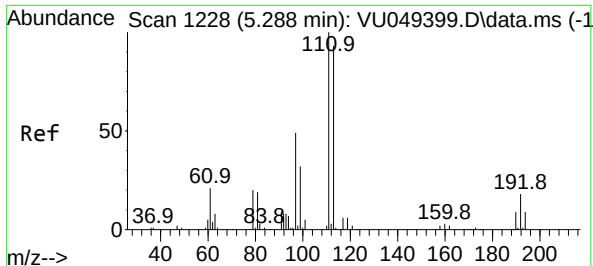
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.5 0.0 29.2

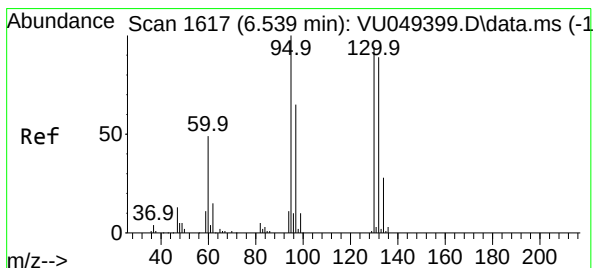
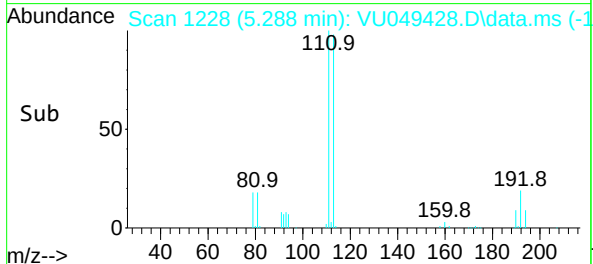
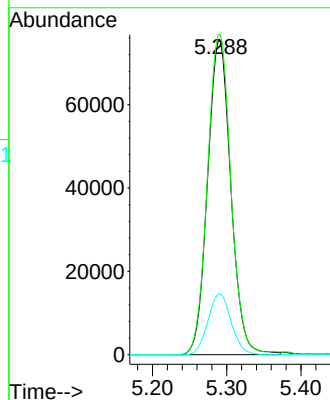
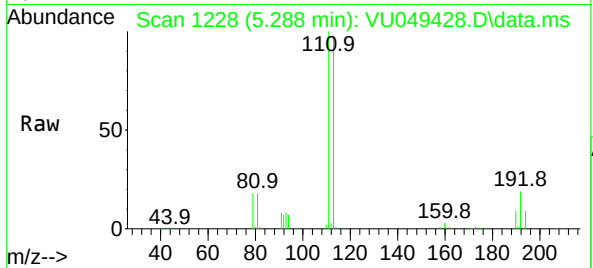




#35
Dibromofluoromethane
Concen: 44.100 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

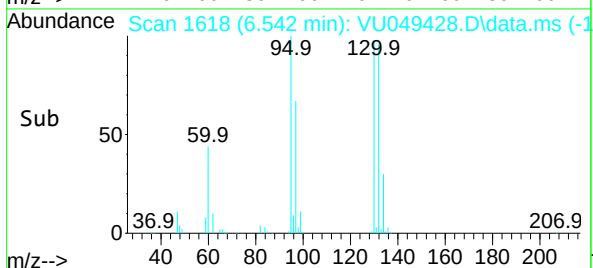
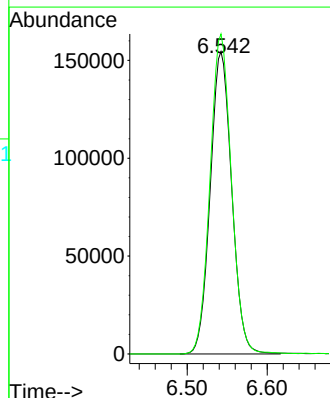
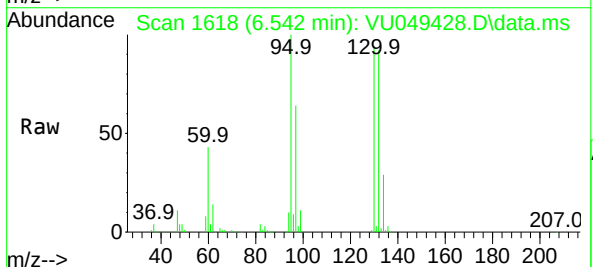
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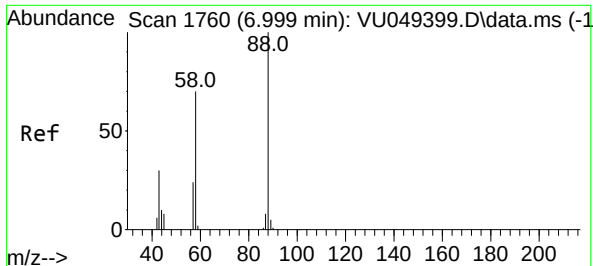
Tgt Ion:113 Resp: 164324
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 19.3 18.0 27.0



#44
Trichloroethene
Concen: 74.204 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

Tgt Ion:130 Resp: 287744
Ion Ratio Lower Upper
130 100
95 105.8 0.0 184.6





#49

1,4-Dioxane

Concen: 12.403 ug/l

RT: 6.986 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049428.D

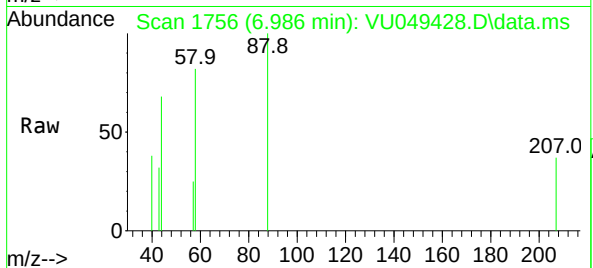
Acq: 28 Jun 2022 01:53

Instrument :

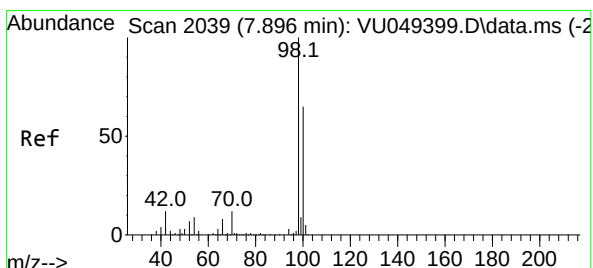
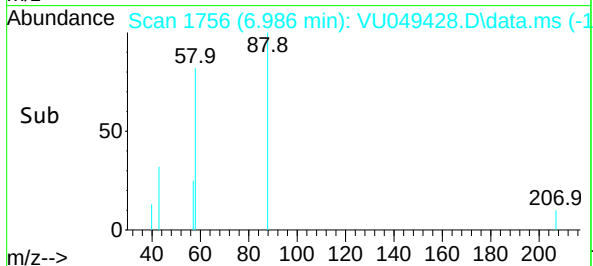
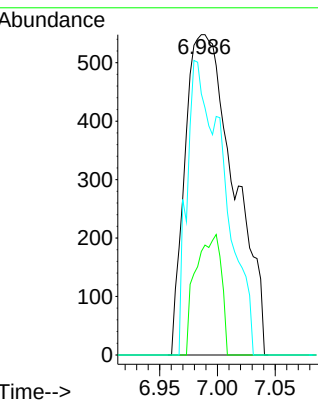
MSVOA_U

ClientSampleId :

RE105D1-20220613RE



Tgt Ion: 88	Resp: 1611
Ion Ratio	Lower Upper
88	100
43	19.6 0.0 0.0#
58	42.3 15.4 23.0#



#50

Toluene-d8

Concen: 47.322 ug/l

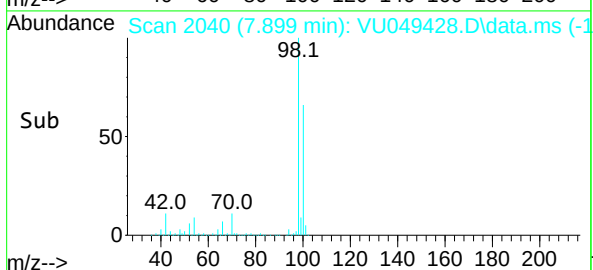
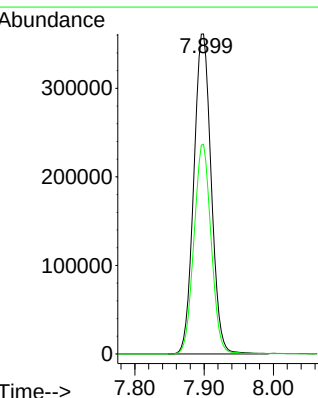
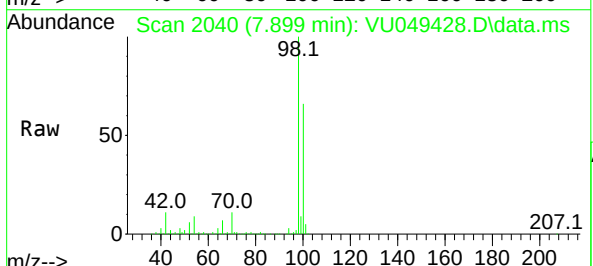
RT: 7.899 min Scan# 2040

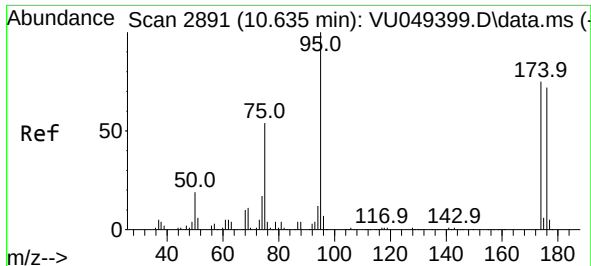
Delta R.T. 0.003 min

Lab File: VU049428.D

Acq: 28 Jun 2022 01:53

Tgt Ion: 98	Resp: 628929
Ion Ratio	Lower Upper
98	100
100	64.7 51.7 77.5

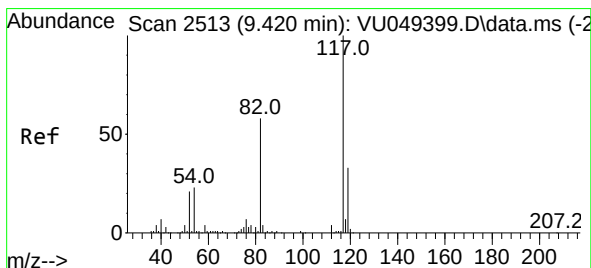
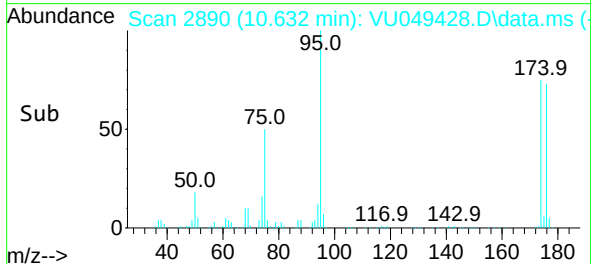
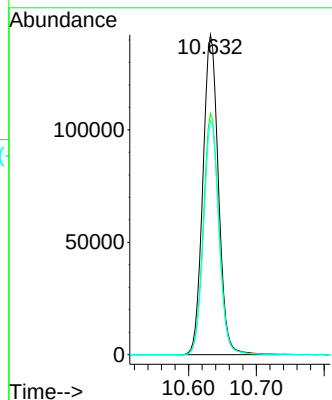
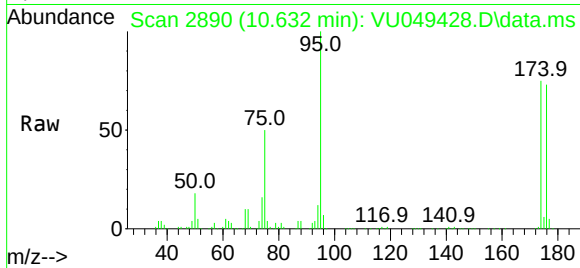




#62
4-Bromofluorobenzene
Concen: 44.631 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

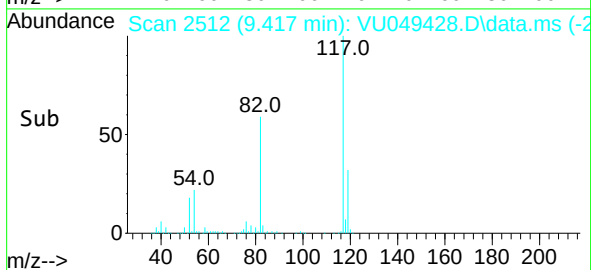
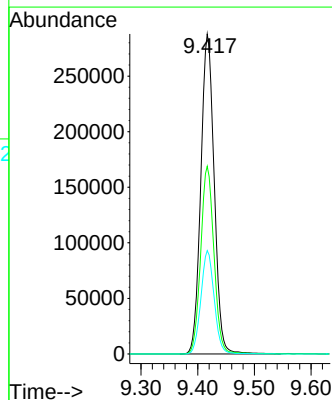
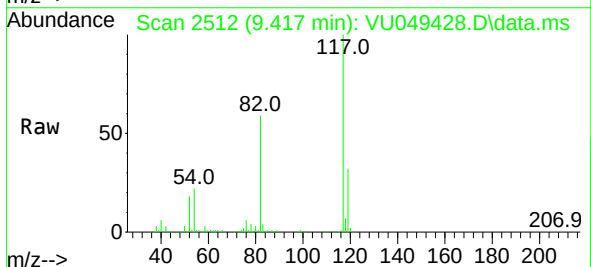
Instrument :
MSVOA_U
ClientSampleId :
RE105D1-20220613RE

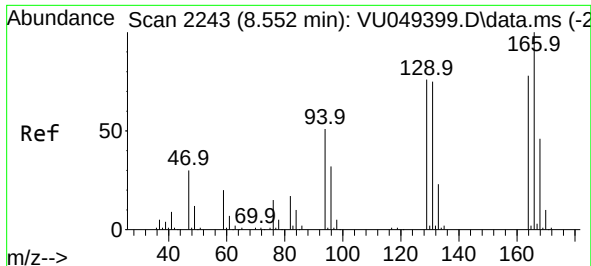
Tgt Ion: 95 Resp: 227218
Ion Ratio Lower Upper
95 100
174 75.7 0.0 182.0
176 72.6 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

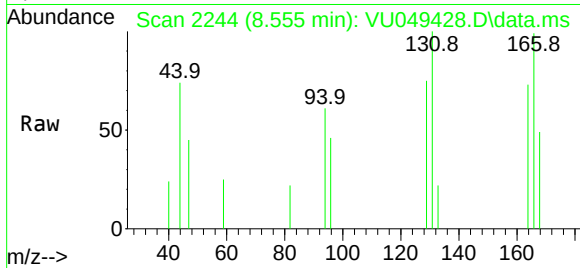
Tgt Ion: 117 Resp: 473133
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 32.3 25.7 38.5



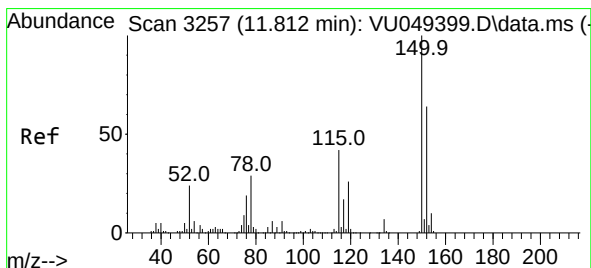
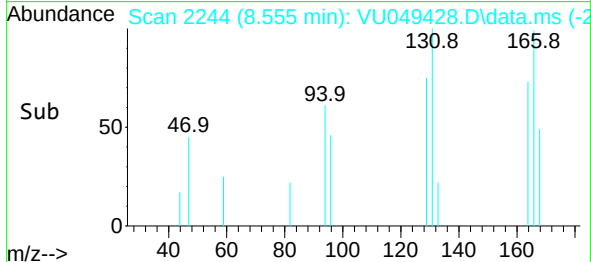
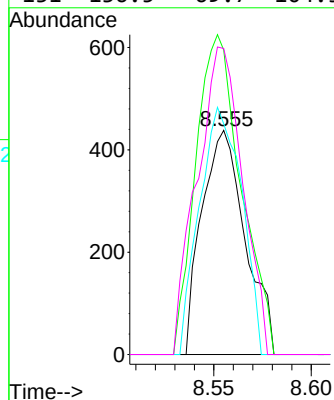


#64
Tetrachloroethene
Concen: 0.223 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

Instrument :
MSVOA_U
ClientSampleId :
RE105D1-20220613RE



Tgt Ion:164 Resp: 677
Ion Ratio Lower Upper
164 100
166 135.8 100.0 150.0
129 103.0 72.0 108.0
131 136.5 69.7 104.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049428.D
Acq: 28 Jun 2022 01:53

Tgt Ion:152 Resp: 212985
Ion Ratio Lower Upper
152 100
115 62.0 37.0 110.9
150 156.9 0.0 342.2

