

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049492.D
 Acq On : 29 Jun 2022 04:55
 Operator : SY/MD
 Sample : N3457-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE115D1-20220620

Quant Time: Jun 29 05:26:26 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)

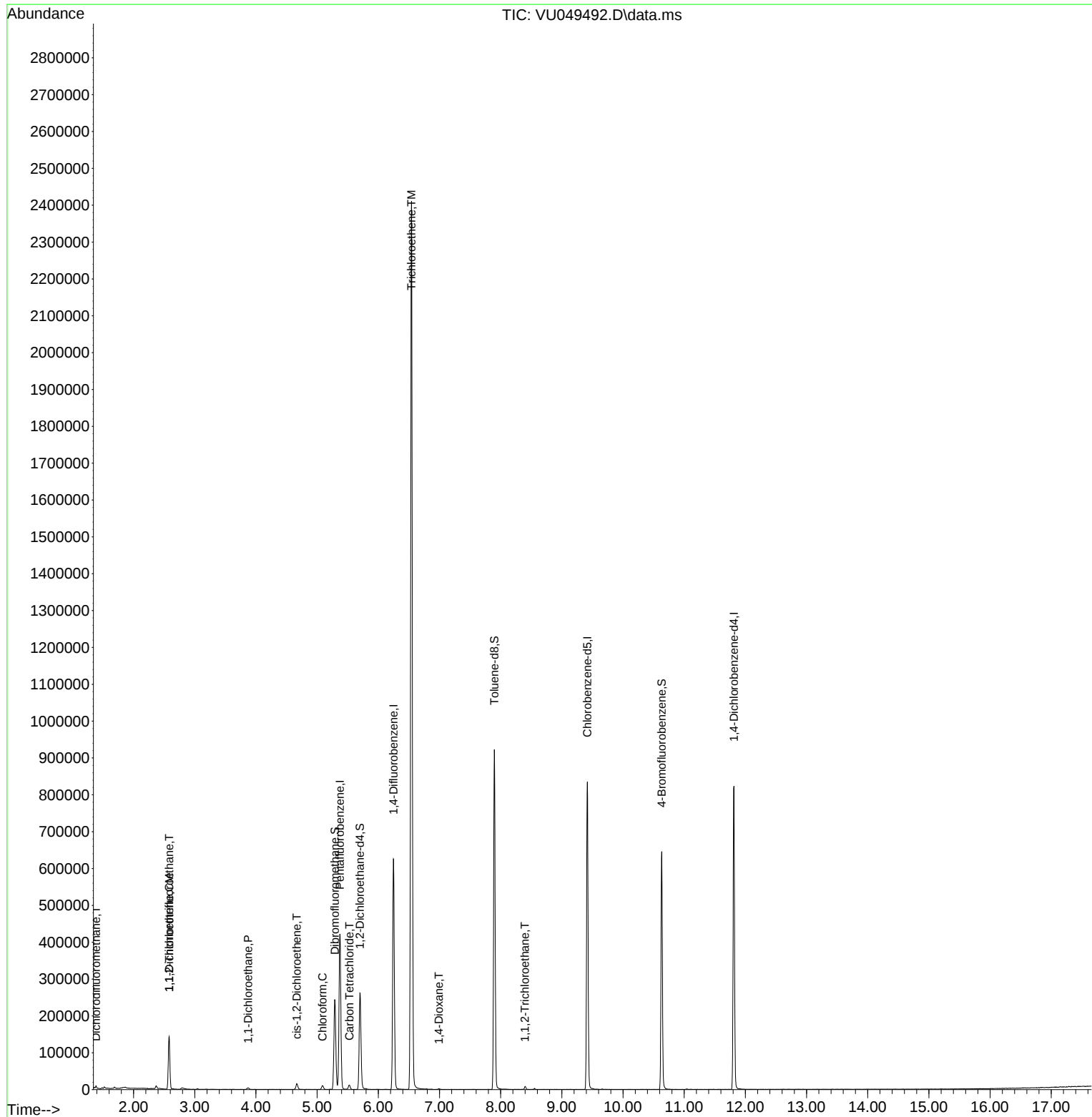
Internal Standards						
1) Pentafluorobenzene	5.372	168	295357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	509156	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	461863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	214495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	198587	43.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.320%
35) Dibromofluoromethane	5.289	113	160448	45.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	7.896	98	612555	48.212	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	10.632	95	225075	46.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	3225	0.679	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	38289	11.686	ug/l	96
12) 1,1-Dichloroethene	2.581	96	16419	5.118	ug/l	99
24) 1,1-Dichloroethane	3.871	63	5582	0.785	ug/l #	93
27) cis-1,2-Dichloroethene	4.668	96	8131	2.035	ug/l	98
30) Chloroform	5.089	83	9079	1.291	ug/l	98
38) Carbon Tetrachloride	5.527	117	8683	1.603	ug/l	94
44) Trichloroethene	6.543	130	810791	218.713	ug/l	88
49) 1,4-Dioxane	6.989	88	1606	12.934	ug/l #	1
55) 1,1,2-Trichloroethane	8.398	97	2593	0.677	ug/l	97

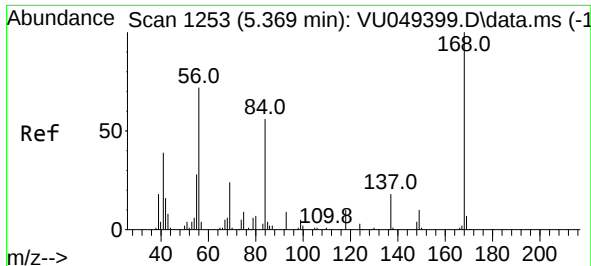
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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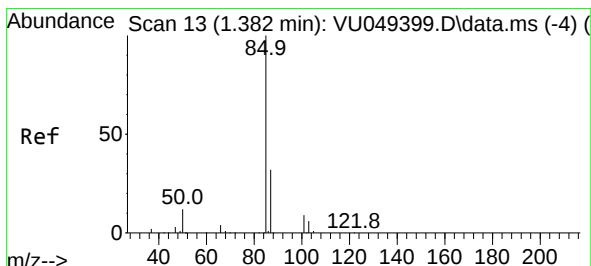
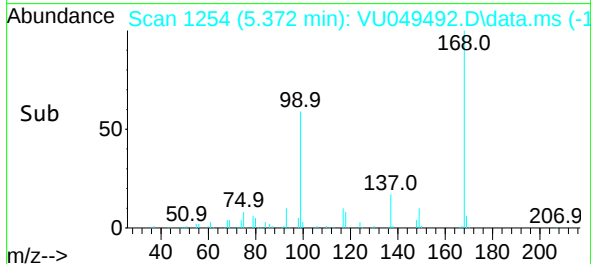
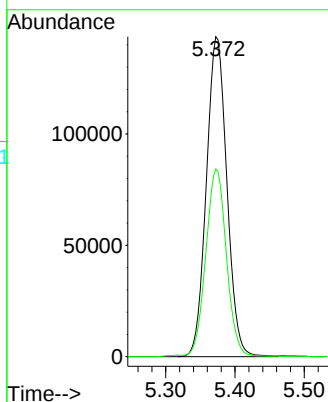
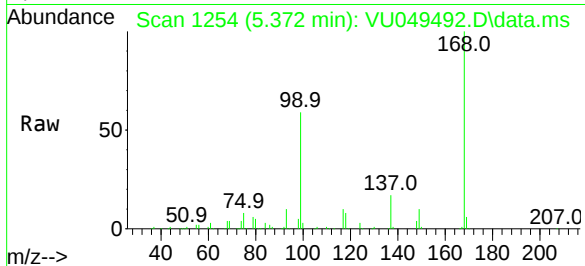




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

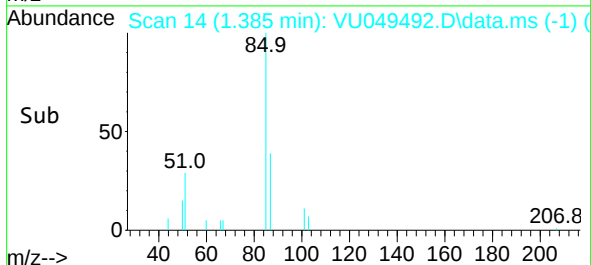
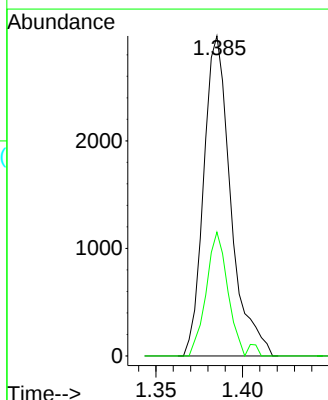
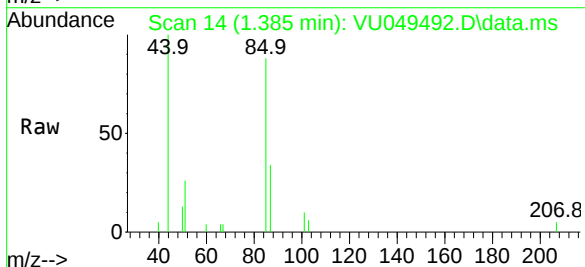
Instrument :
MSVOA_U
ClientSampleId :
RE115D1-20220620

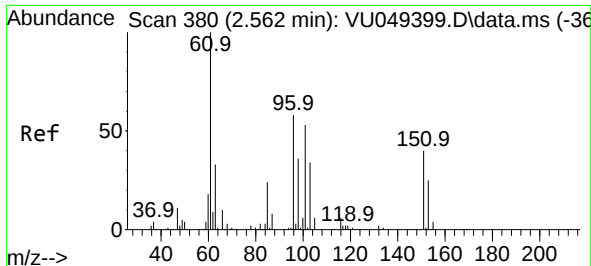
Tgt Ion:168 Resp: 295357
Ion Ratio Lower Upper
168 100
99 58.5 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.679 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

Tgt Ion: 85 Resp: 3225
Ion Ratio Lower Upper
85 100
87 38.7 16.4 49.2

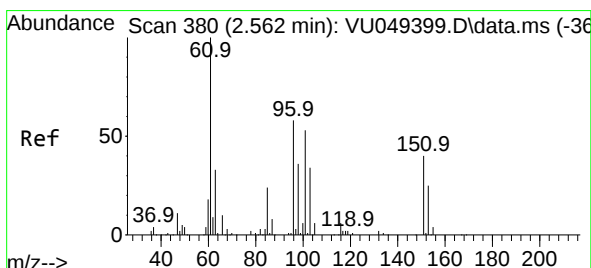
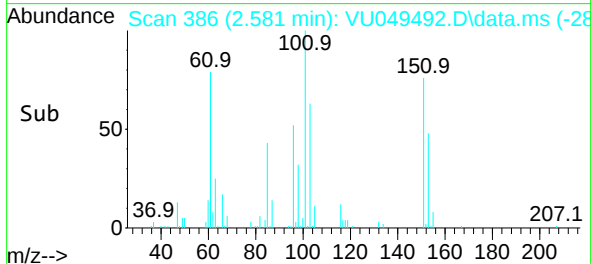
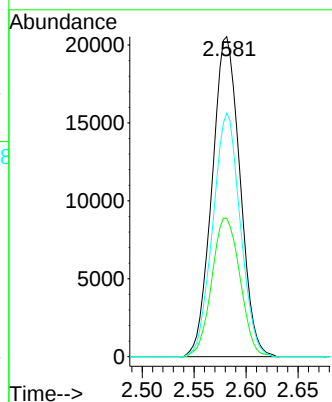
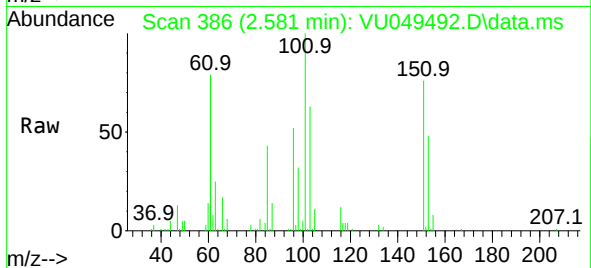




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.686 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

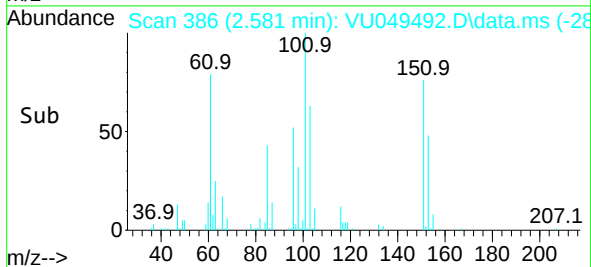
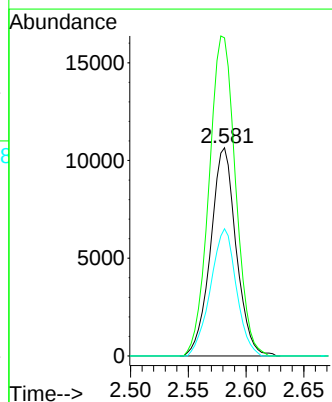
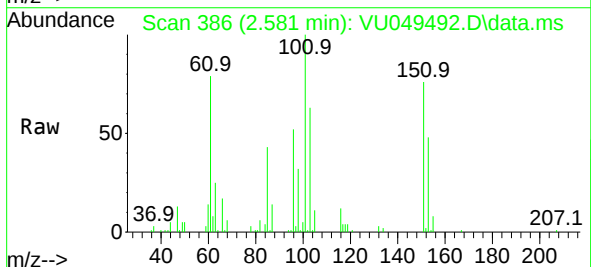
Instrument :
MSVOA_U
ClientSampleId :
RE115D1-20220620

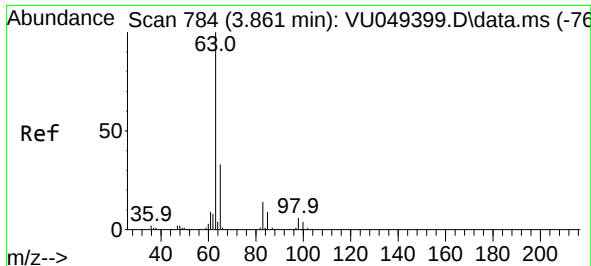
Tgt Ion:101 Resp: 38289
Ion Ratio Lower Upper
101 100
85 43.8 33.9 50.9
151 75.1 64.0 96.0



#12
1,1-Dichloroethene
Concen: 5.118 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

Tgt Ion: 96 Resp: 16419
Ion Ratio Lower Upper
96 100
61 152.8 122.2 183.2
98 61.1 50.7 76.1





#24

1,1-Dichloroethane

Concen: 0.785 ug/l

RT: 3.871 min Scan# 71

Delta R.T. 0.010 min

Lab File: VU049492.D

Acq: 29 Jun 2022 04:55

Instrument :

MSVOA_U

ClientSampleId :

RE115D1-20220620

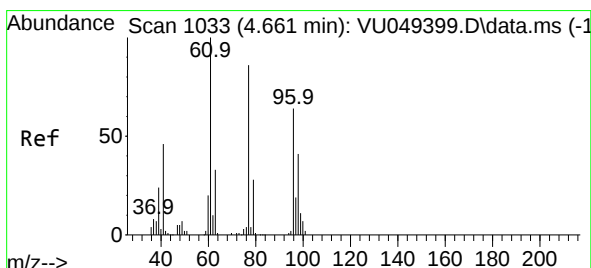
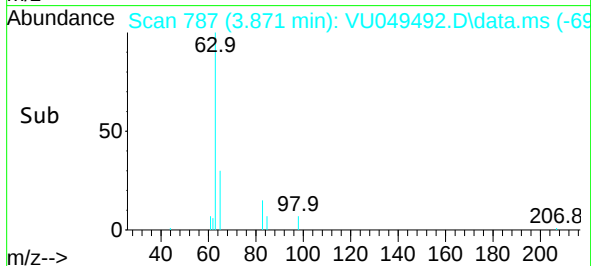
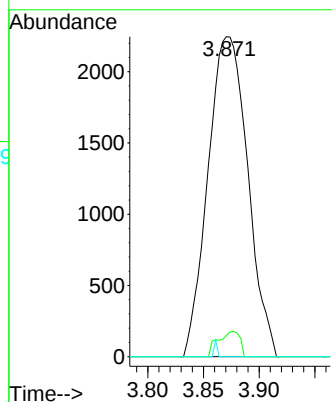
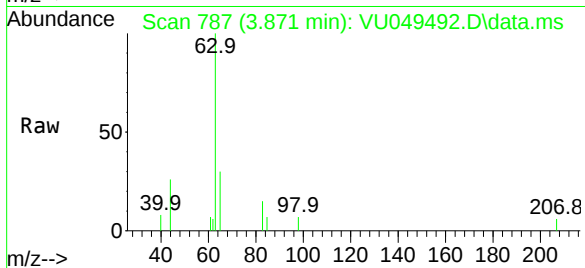
Tgt Ion: 63 Resp: 5582

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

100 0.0 2.4 7.2#



#27

cis-1,2-Dichloroethene

Concen: 2.035 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VU049492.D

Acq: 29 Jun 2022 04:55

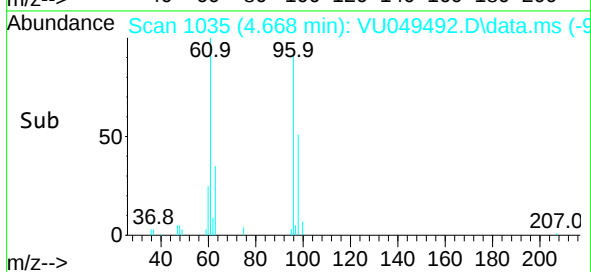
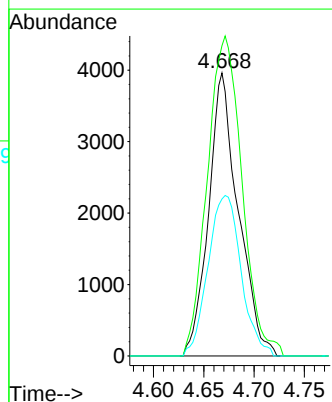
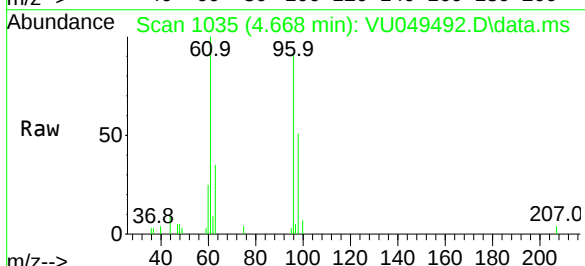
Tgt Ion: 96 Resp: 8131

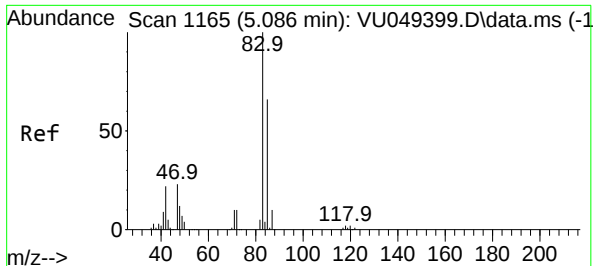
Ion Ratio Lower Upper

96 100

61 132.1 0.0 271.6

98 63.4 0.0 128.2





#30

Chloroform

Concen: 1.291 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049492.D

Acq: 29 Jun 2022 04:55

Instrument :

MSVOA_U

ClientSampleId :

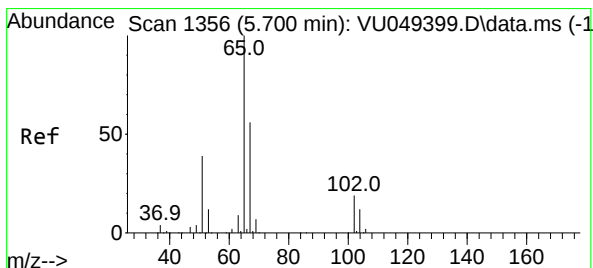
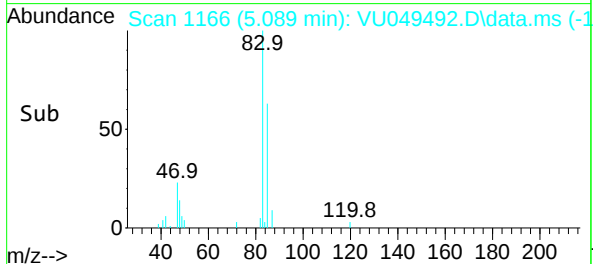
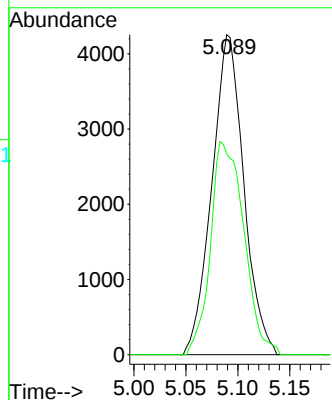
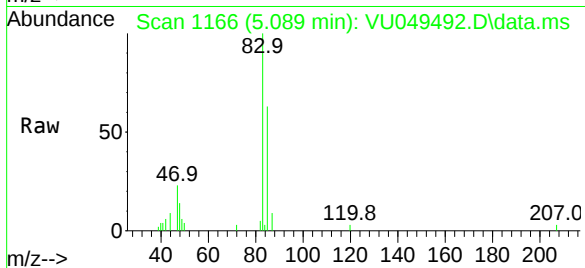
RE115D1-20220620

Tgt Ion: 83 Resp: 9079

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 43.658 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU049492.D

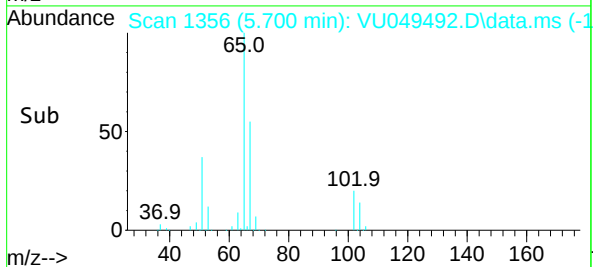
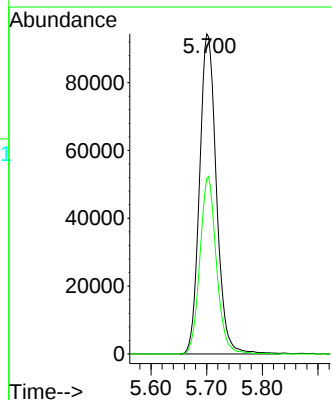
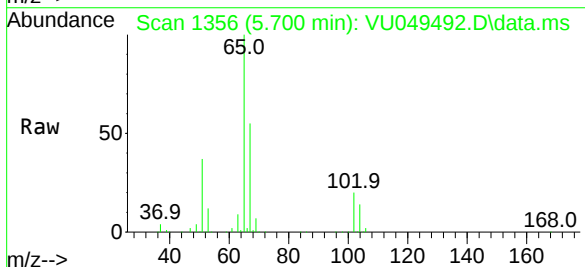
Acq: 29 Jun 2022 04:55

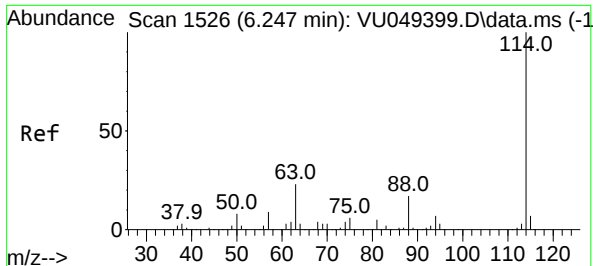
Tgt Ion: 65 Resp: 198587

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 114

Delta R.T. 0.003 min

Lab File: VU049492.D

Acq: 29 Jun 2022 04:55

Instrument :

MSVOA_U

ClientSampleId :

RE115D1-20220620

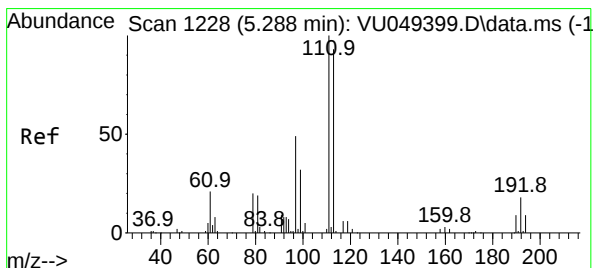
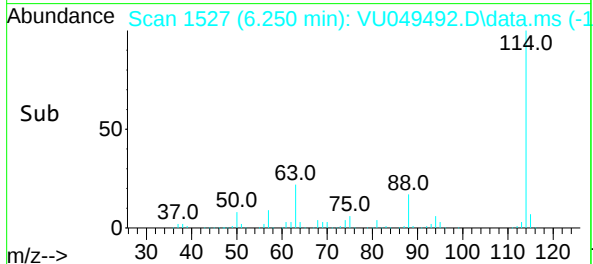
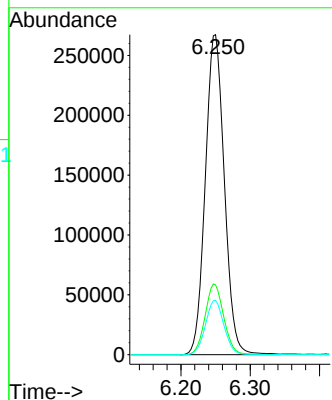
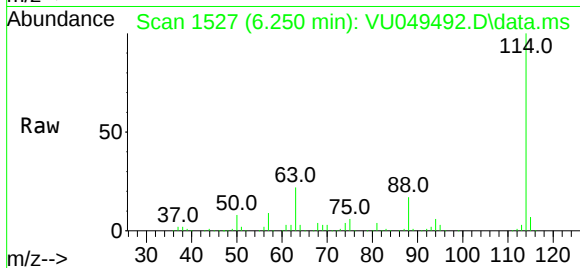
Tgt Ion:114 Resp: 509156

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 17.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.042 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049492.D

Acq: 29 Jun 2022 04:55

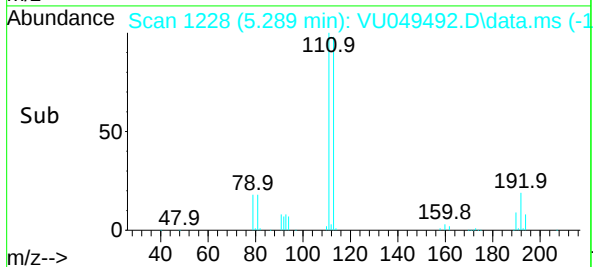
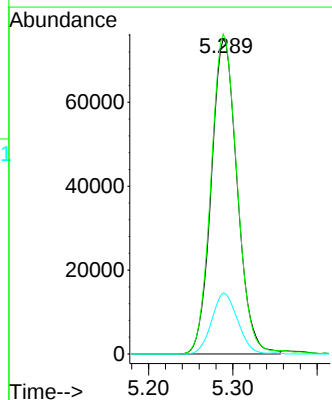
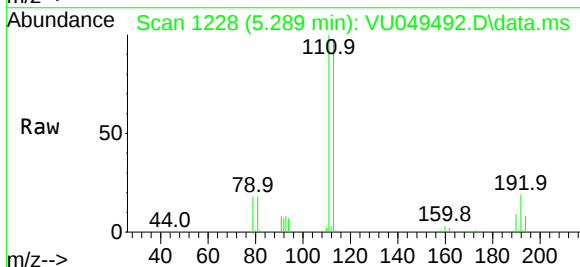
Tgt Ion:113 Resp: 160448

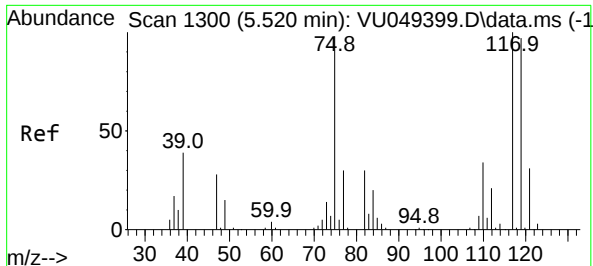
Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 19.3 18.0 27.0

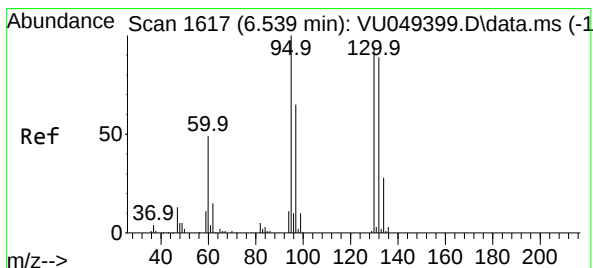
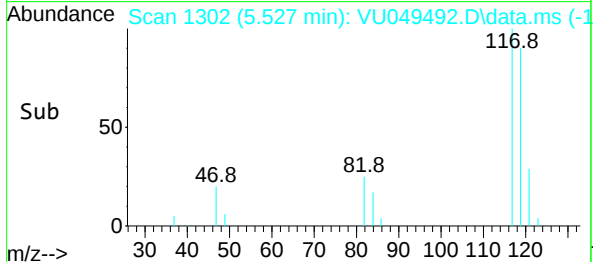
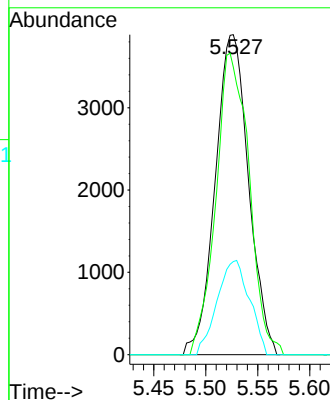
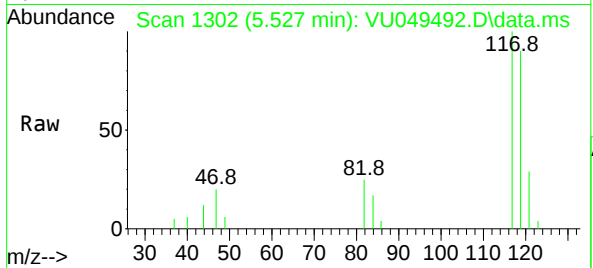




#38
Carbon Tetrachloride
Concen: 1.603 ug/l
RT: 5.527 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

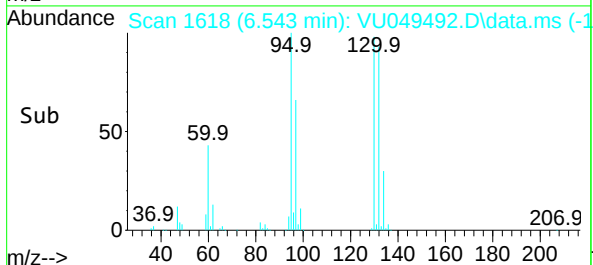
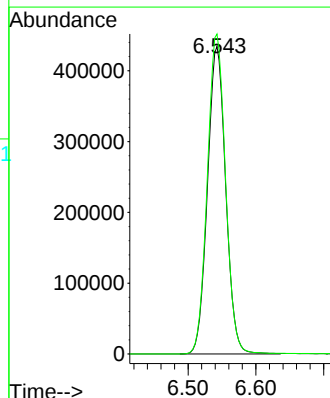
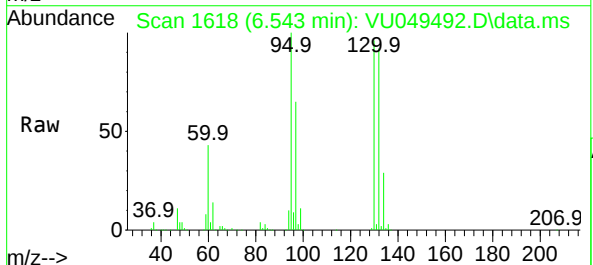
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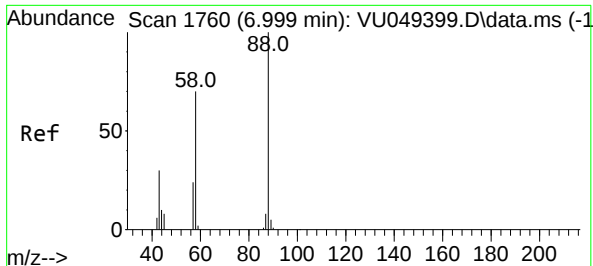
Tgt Ion:117 Resp: 8683
Ion Ratio Lower Upper
117 100
119 89.9 76.8 115.2
121 29.1 24.7 37.1



#44
Trichloroethene
Concen: 218.713 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

Tgt Ion:130 Resp: 810791
Ion Ratio Lower Upper
130 100
95 104.1 0.0 184.6





#49

1,4-Dioxane

Concen: 12.934 ug/l

RT: 6.989 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU049492.D

Acq: 29 Jun 2022 04:55

Instrument :

MSVOA_U

ClientSampleId :

RE115D1-20220620

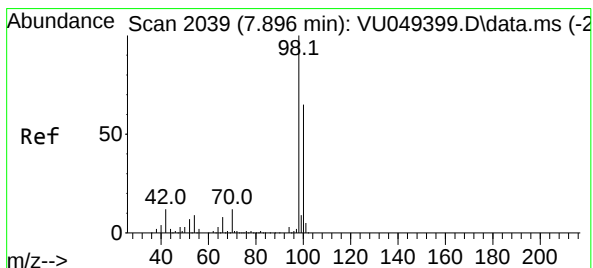
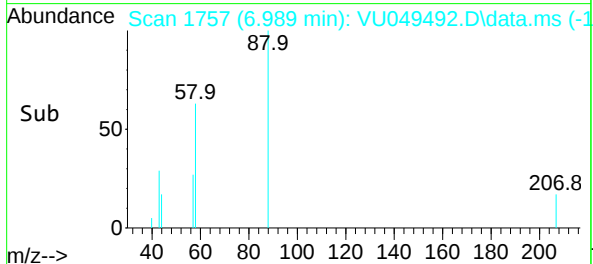
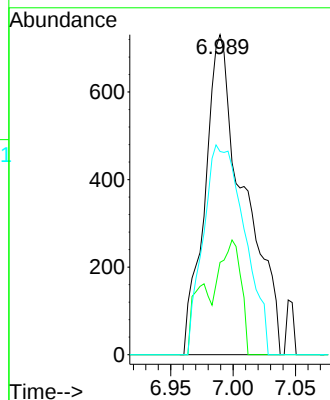
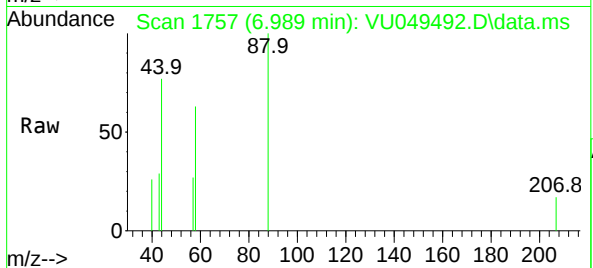
Tgt Ion: 88 Resp: 1606

Ion Ratio Lower Upper

88 100

43 19.8 0.0 0.0#

58 68.9 15.4 23.0#



#50

Toluene-d8

Concen: 48.212 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049492.D

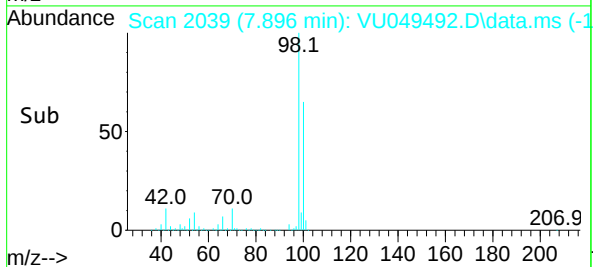
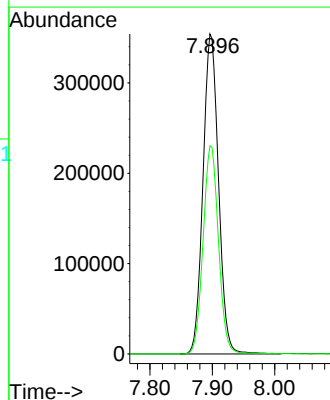
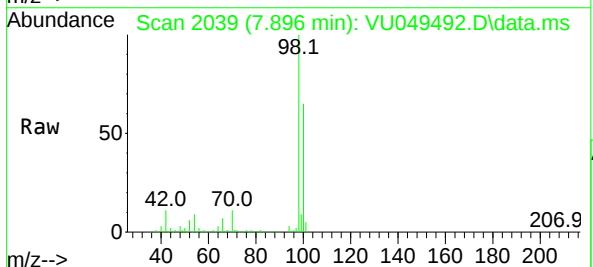
Acq: 29 Jun 2022 04:55

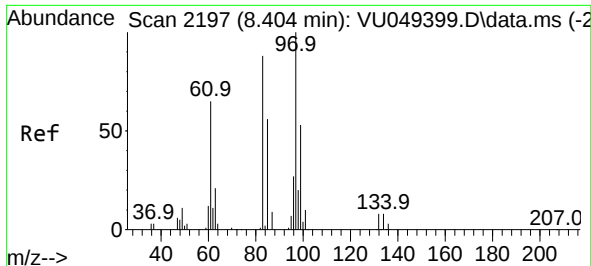
Tgt Ion: 98 Resp: 612555

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



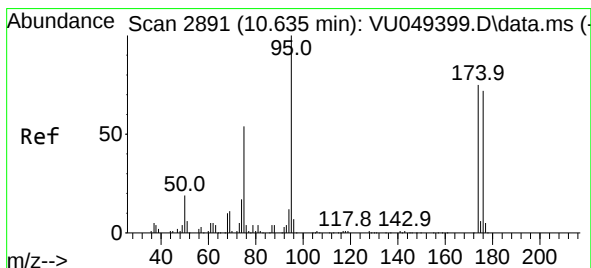
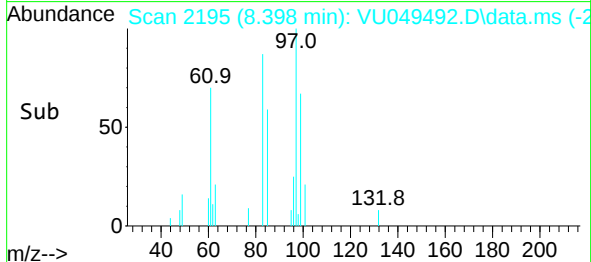
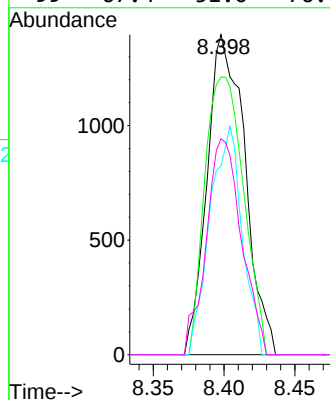
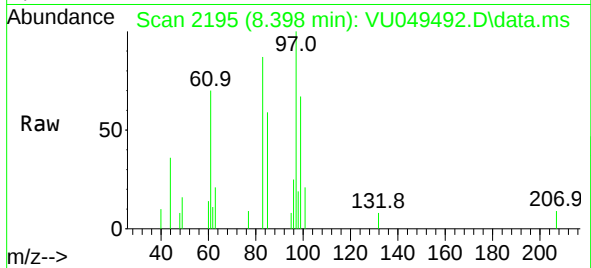


#55
1,1,2-Trichloroethane
Concen: 0.677 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.006 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

Instrument :
MSVOA_U
ClientSampleId :
RE115D1-20220620

Tgt Ion: 97 Resp: 2593

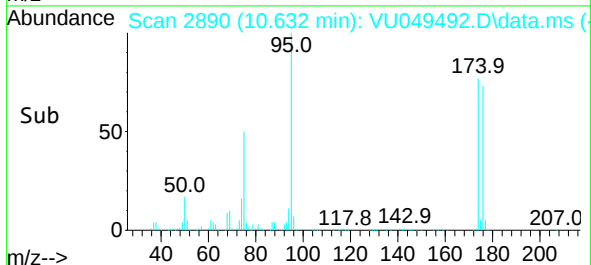
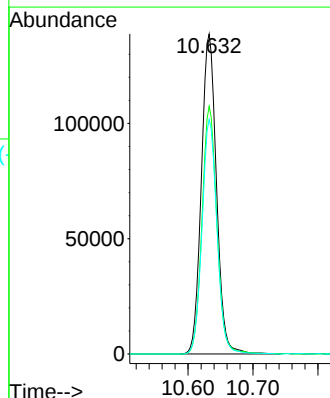
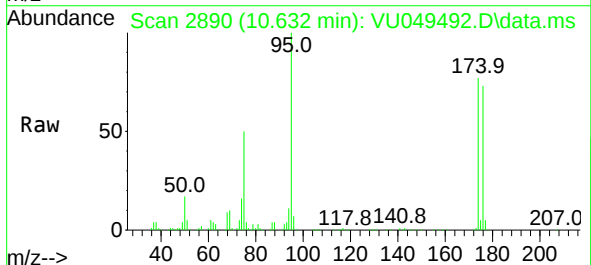
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.4
85	59.0	44.6	66.8
99	67.4	51.0	76.6

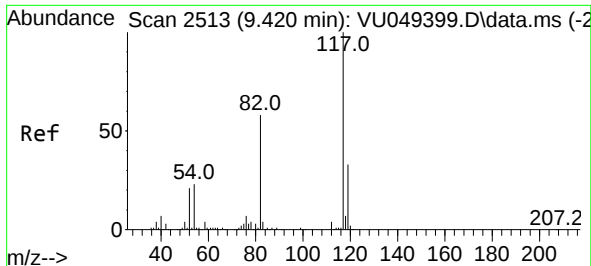


#62
4-Bromofluorobenzene
Concen: 46.245 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

Tgt Ion: 95 Resp: 225075

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	182.0
176	72.5	0.0	177.8

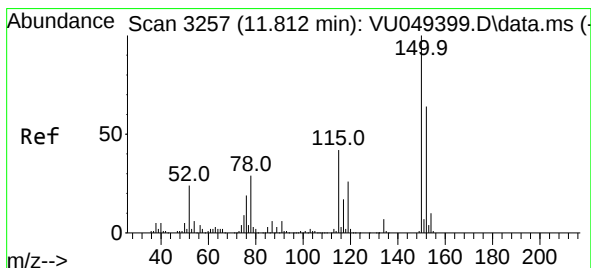
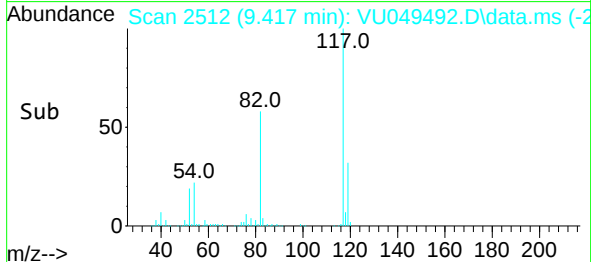
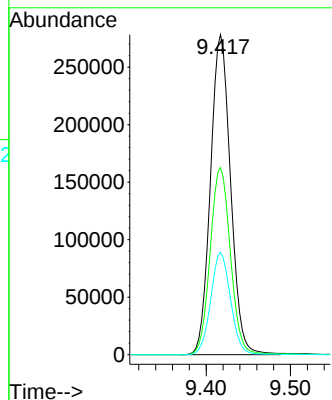
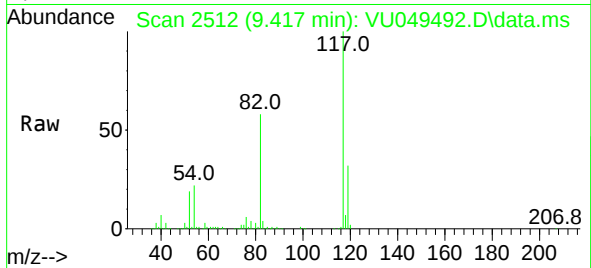




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049492.D
Acq: 29 Jun 2022 04:55

Instrument :
MSVOA_U
ClientSampleId :
RE115D1-20220620

Tgt Ion:117 Resp: 461863
Ion Ratio Lower Upper
117 100
82 58.5 41.7 62.5
119 32.0 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: VU049492.D
Acq: 29 Jun 2022 04:55

Tgt Ion:152 Resp: 214495
Ion Ratio Lower Upper
152 100
115 61.7 37.0 110.9
150 156.6 0.0 342.2

