

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049488.D
 Acq On : 29 Jun 2022 03:22
 Operator : SY/MD
 Sample : N3457-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE134D4-20220616

Quant Time: Jun 29 05:25:49 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)

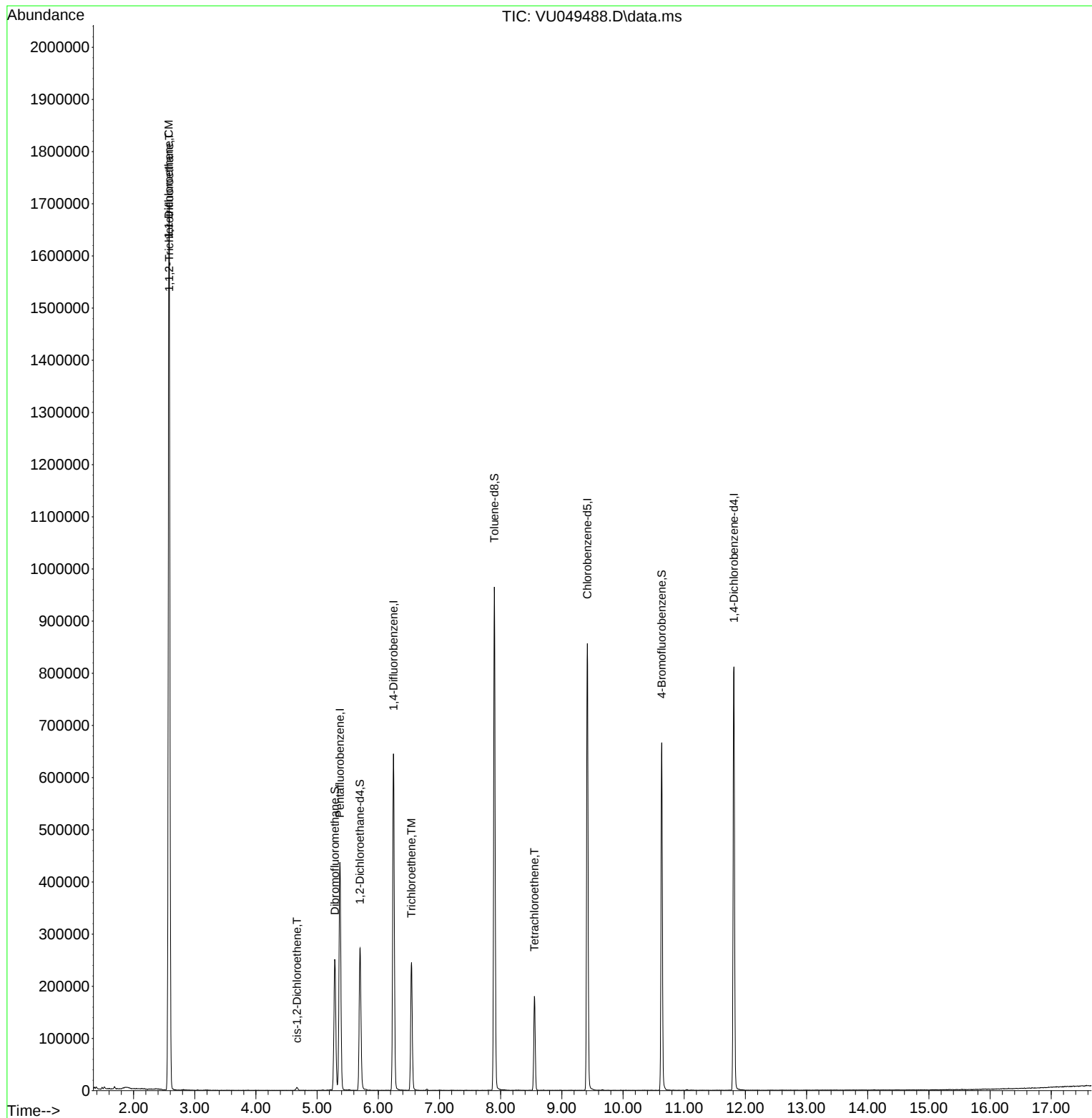
Internal Standards						
1) Pentafluorobenzene	5.372	168	306349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	527139	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	473522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	219418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	206147	43.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.380%
35) Dibromofluoromethane	5.288	113	166694	45.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	7.896	98	637879	48.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.980%
62) 4-Bromofluorobenzene	10.632	95	230656	45.775	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.581	101	679794	200.029	ug/l	95
12) 1,1-Dichloroethene	2.575	96	4546	1.366	ug/l #	79
27) cis-1,2-Dichloroethene	4.671	96	3322	0.802	ug/l	86
44) Trichloroethene	6.542	130	82457	21.484	ug/l	88
64) Tetrachloroethene	8.552	164	40126	13.212	ug/l	94

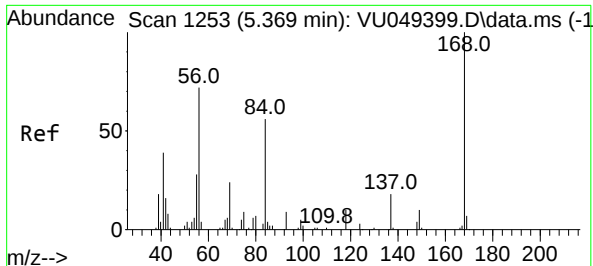
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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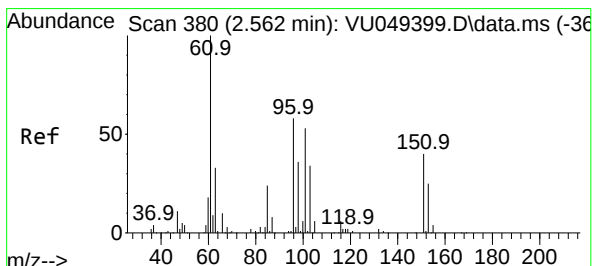
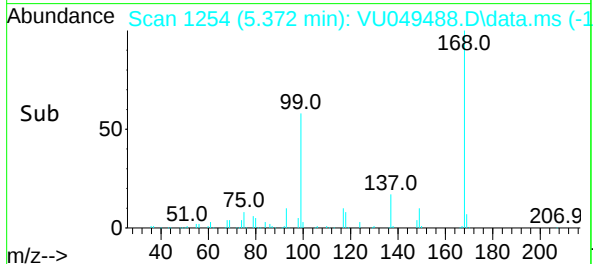
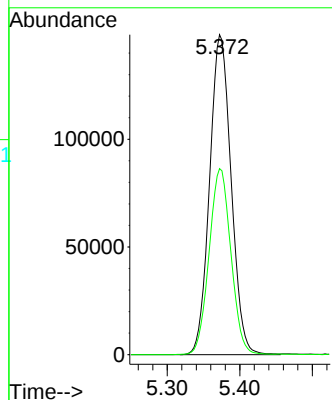
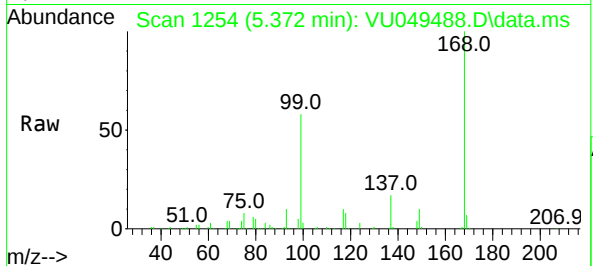




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049488.D
Acq: 29 Jun 2022 03:22

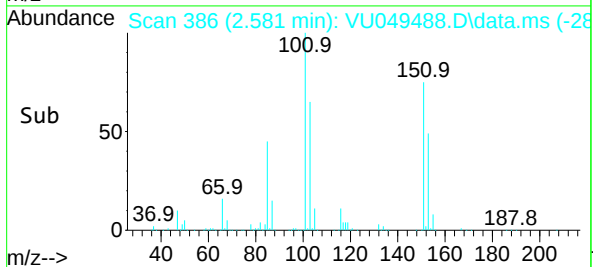
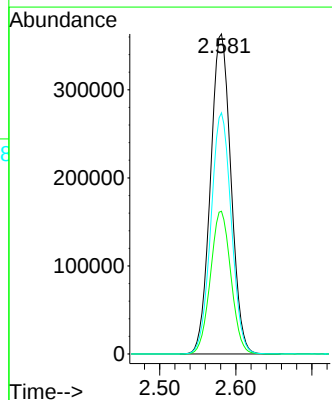
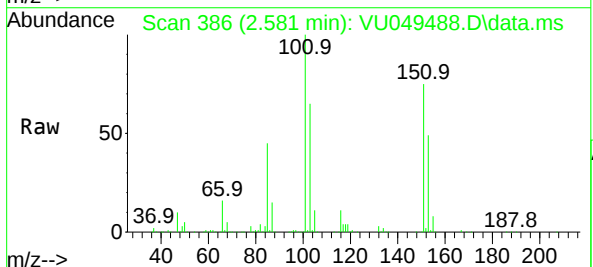
Instrument :
MSVOA_U
ClientSampleId :
RE134D4-20220616

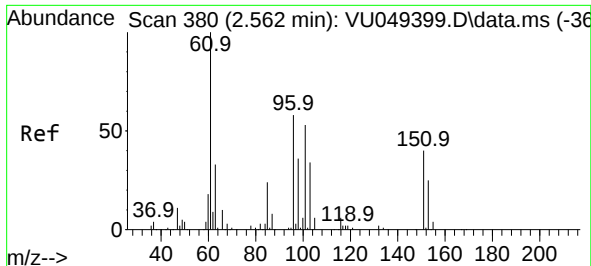
Tgt Ion:168 Resp: 306349
Ion Ratio Lower Upper
168 100
99 58.0 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 200.029 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049488.D
Acq: 29 Jun 2022 03:22

Tgt Ion:101 Resp: 679794
Ion Ratio Lower Upper
101 100
85 44.5 33.9 50.9
151 75.1 64.0 96.0





#12

1,1-Dichloroethene

Concen: 1.366 ug/l

RT: 2.575 min Scan# 31

Delta R.T. 0.013 min

Lab File: VU049488.D

Acq: 29 Jun 2022 03:22

Instrument :

MSVOA_U

ClientSampleId :

RE134D4-20220616

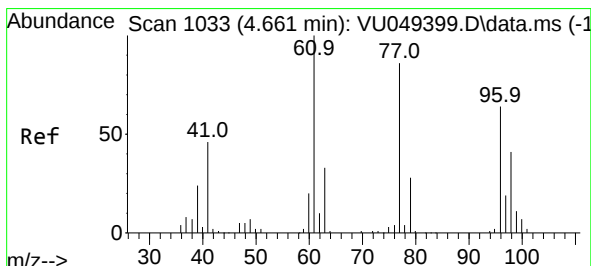
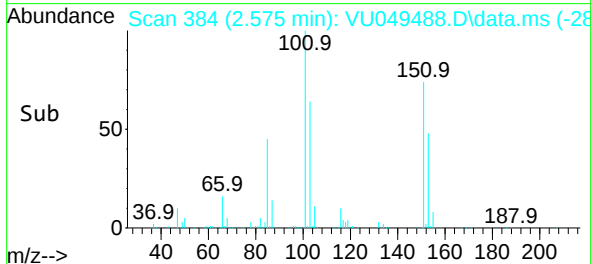
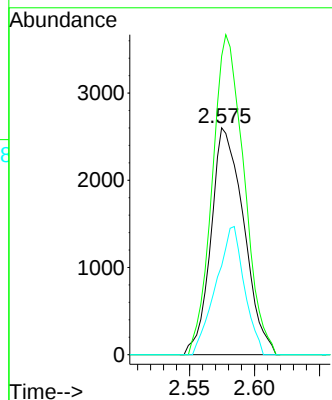
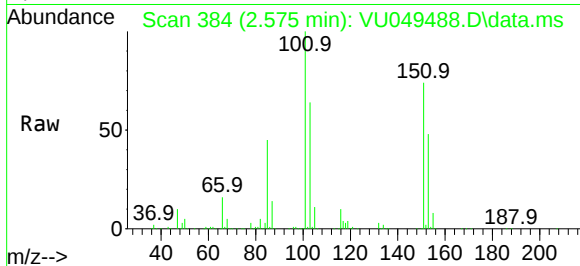
Tgt Ion: 96 Resp: 4546

Ion Ratio Lower Upper

96 100

61 131.6 122.2 183.2

98 39.1 50.7 76.1#



#27

cis-1,2-Dichloroethene

Concen: 0.802 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VU049488.D

Acq: 29 Jun 2022 03:22

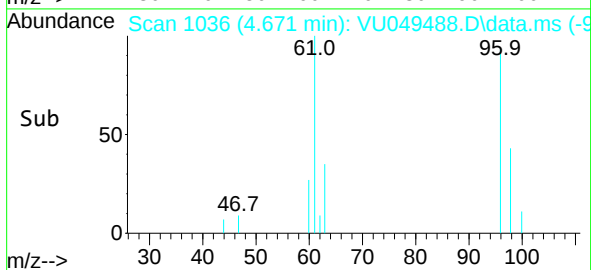
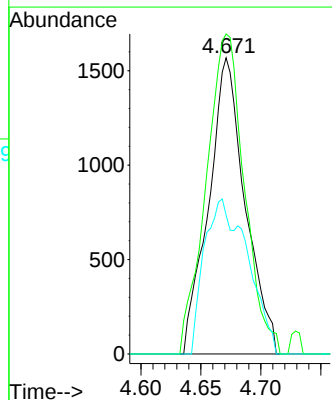
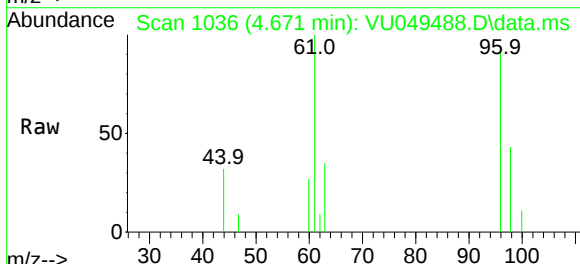
Tgt Ion: 96 Resp: 3322

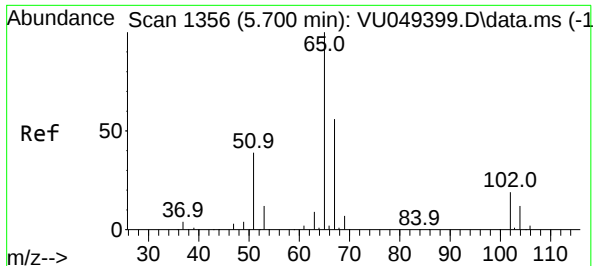
Ion Ratio Lower Upper

96 100

61 113.0 0.0 271.6

98 62.4 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 43.694 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049488.D

Acq: 29 Jun 2022 03:22

Instrument :

MSVOA_U

ClientSampleId :

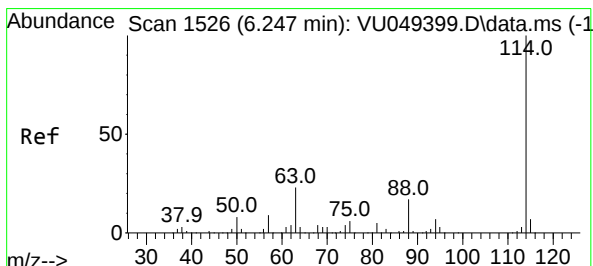
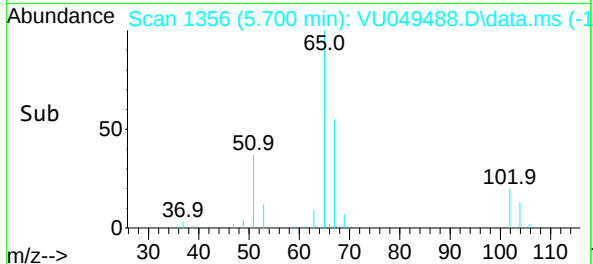
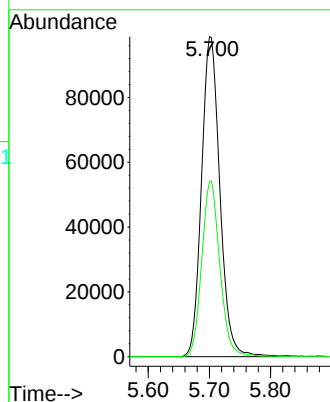
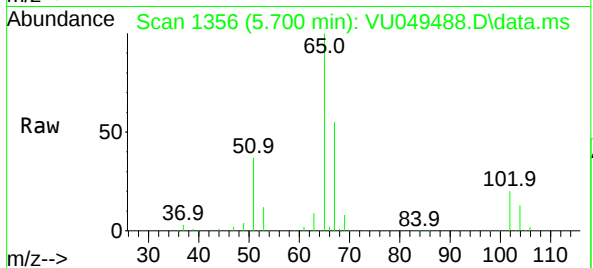
RE134D4-20220616

Tgt Ion: 65 Resp: 206147

Ion Ratio Lower Upper

65 100

67 54.2 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: VU049488.D

Acq: 29 Jun 2022 03:22

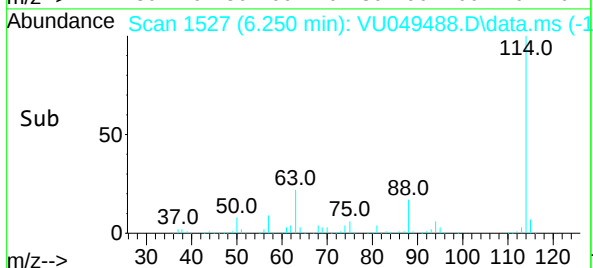
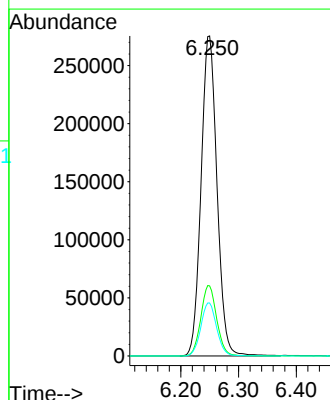
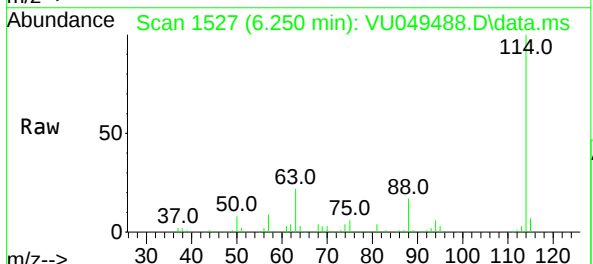
Tgt Ion: 114 Resp: 527139

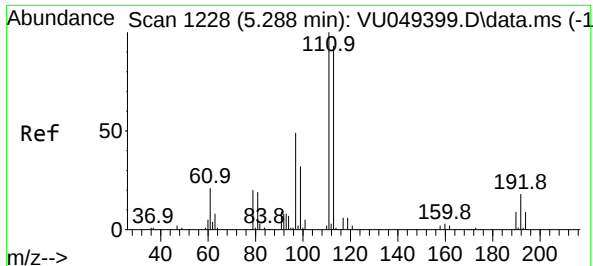
Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.199 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049488.D

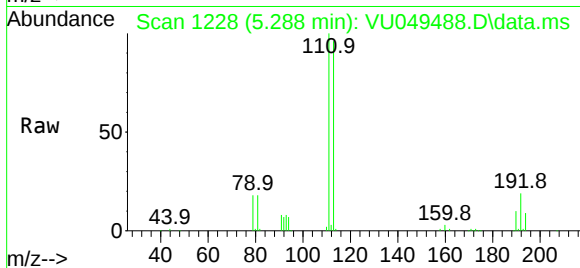
Acq: 29 Jun 2022 03:22

Instrument :

MSVOA_U

ClientSampleId :

RE134D4-20220616



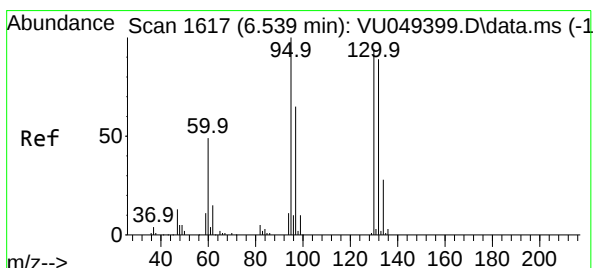
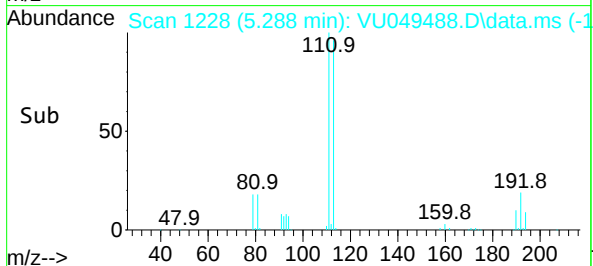
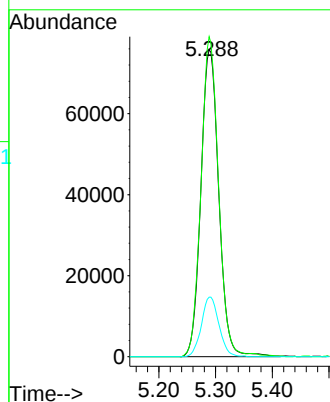
Tgt Ion:113 Resp: 166694

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

192 18.9 18.0 27.0



#44

Trichloroethene

Concen: 21.484 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049488.D

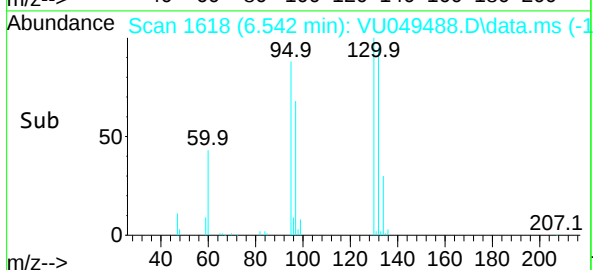
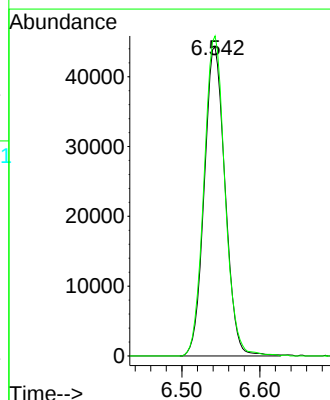
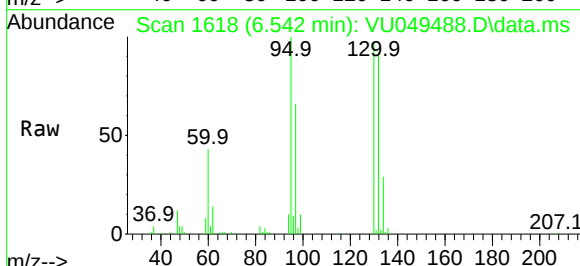
Acq: 29 Jun 2022 03:22

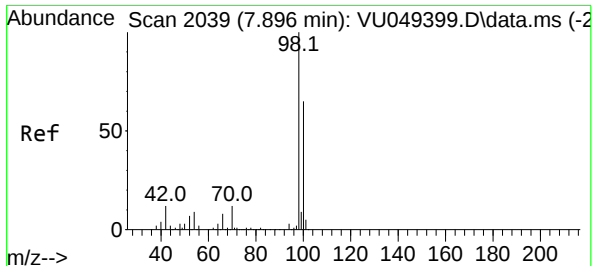
Tgt Ion:130 Resp: 82457

Ion Ratio Lower Upper

130 100

95 103.6 0.0 184.6

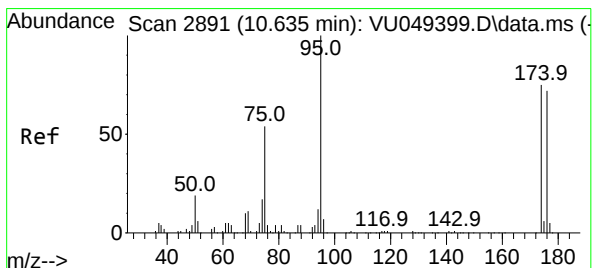
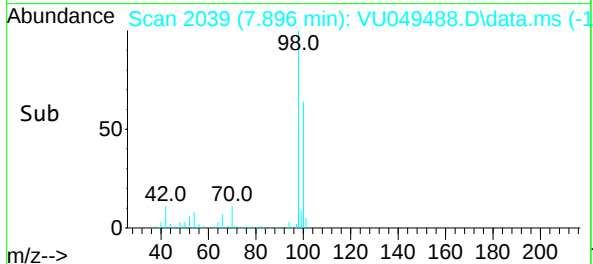
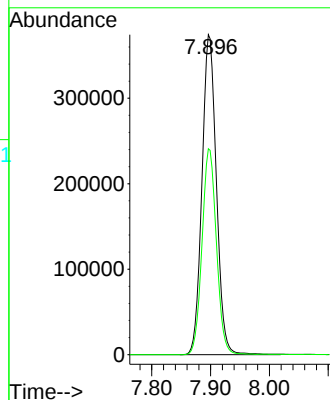
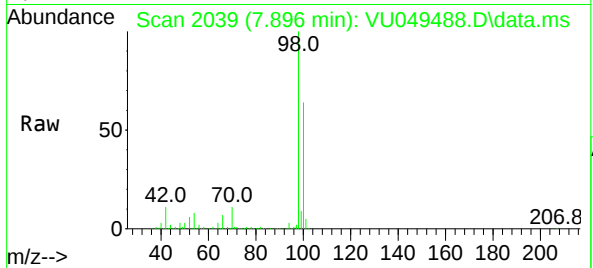




#50
Toluene-d8
Concen: 48.493 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049488.D
Acq: 29 Jun 2022 03:22

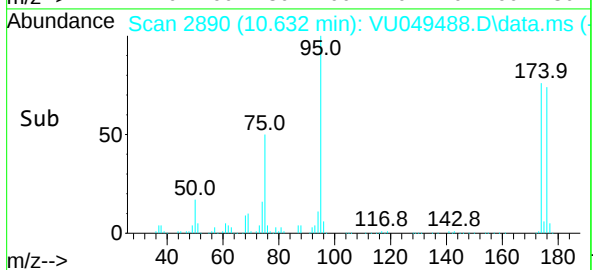
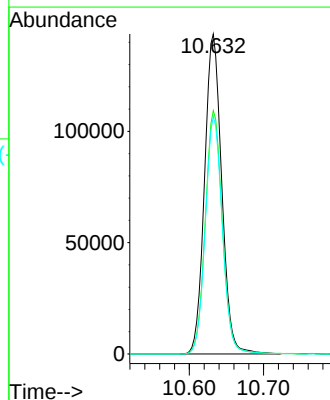
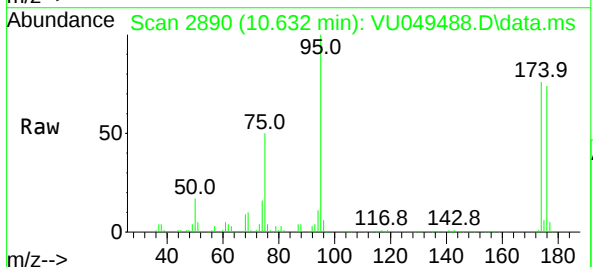
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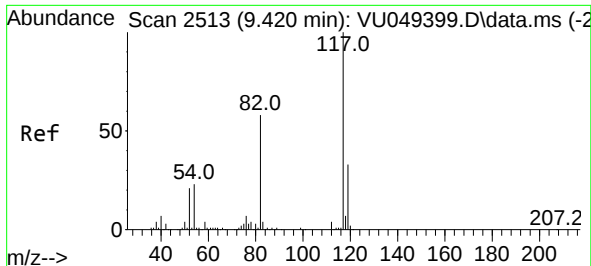
Tgt Ion: 98 Resp: 637879
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.775 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049488.D
Acq: 29 Jun 2022 03:22

Tgt Ion: 95 Resp: 230656
Ion Ratio Lower Upper
95 100
174 75.8 0.0 182.0
176 73.6 0.0 177.8

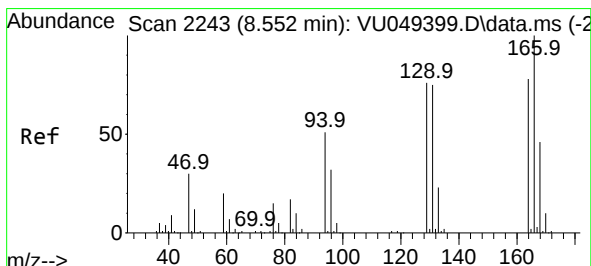
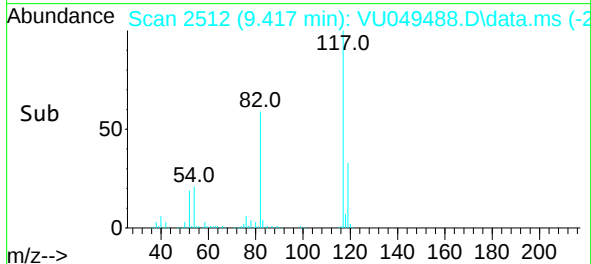
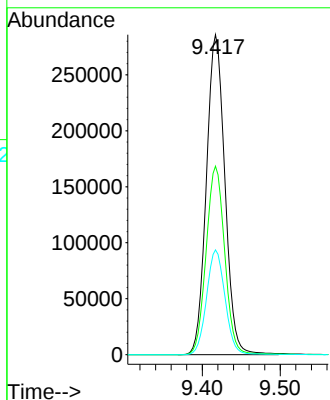
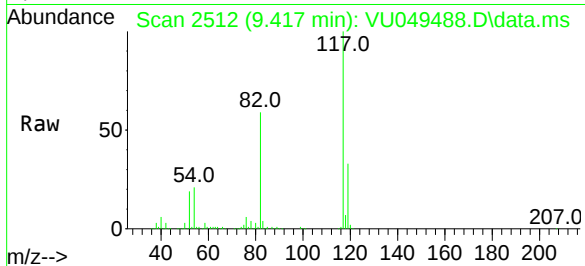




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049488.D
Acq: 29 Jun 2022 03:22

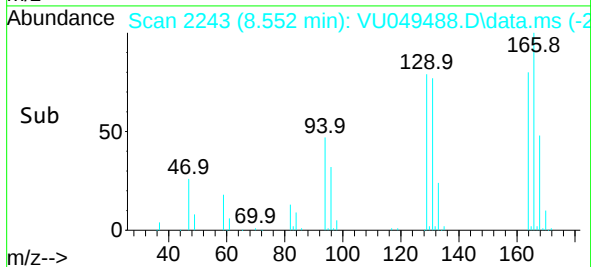
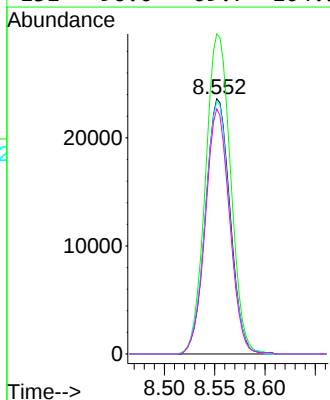
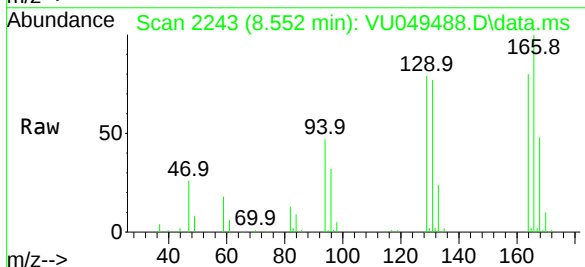
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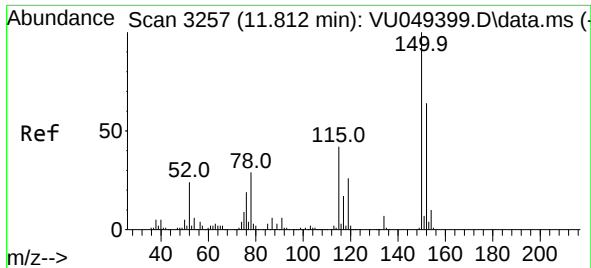
Tgt Ion:117 Resp: 473522
Ion Ratio Lower Upper
117 100
82 58.9 41.7 62.5
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 13.212 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049488.D
Acq: 29 Jun 2022 03:22

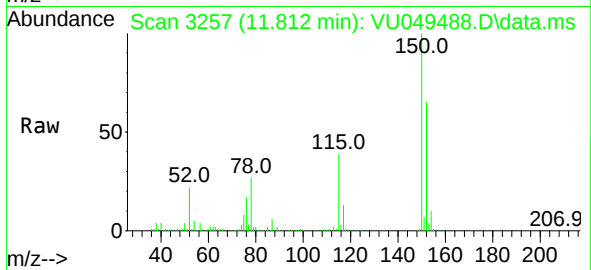
Tgt Ion:164 Resp: 40126
Ion Ratio Lower Upper
164 100
166 125.4 100.0 150.0
129 99.0 72.0 108.0
131 96.0 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049488.D
 Acq: 29 Jun 2022 03:22

Instrument :
 MSVOA_U
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 RE134D4-20220616



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	37.0	110.9
150	154.7	0.0	342.2

