

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045680.D
 Acq On : 10 Nov 2021 00:24
 Operator : SY/MD
 Sample : M4594-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108

Quant Time: Nov 10 03:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

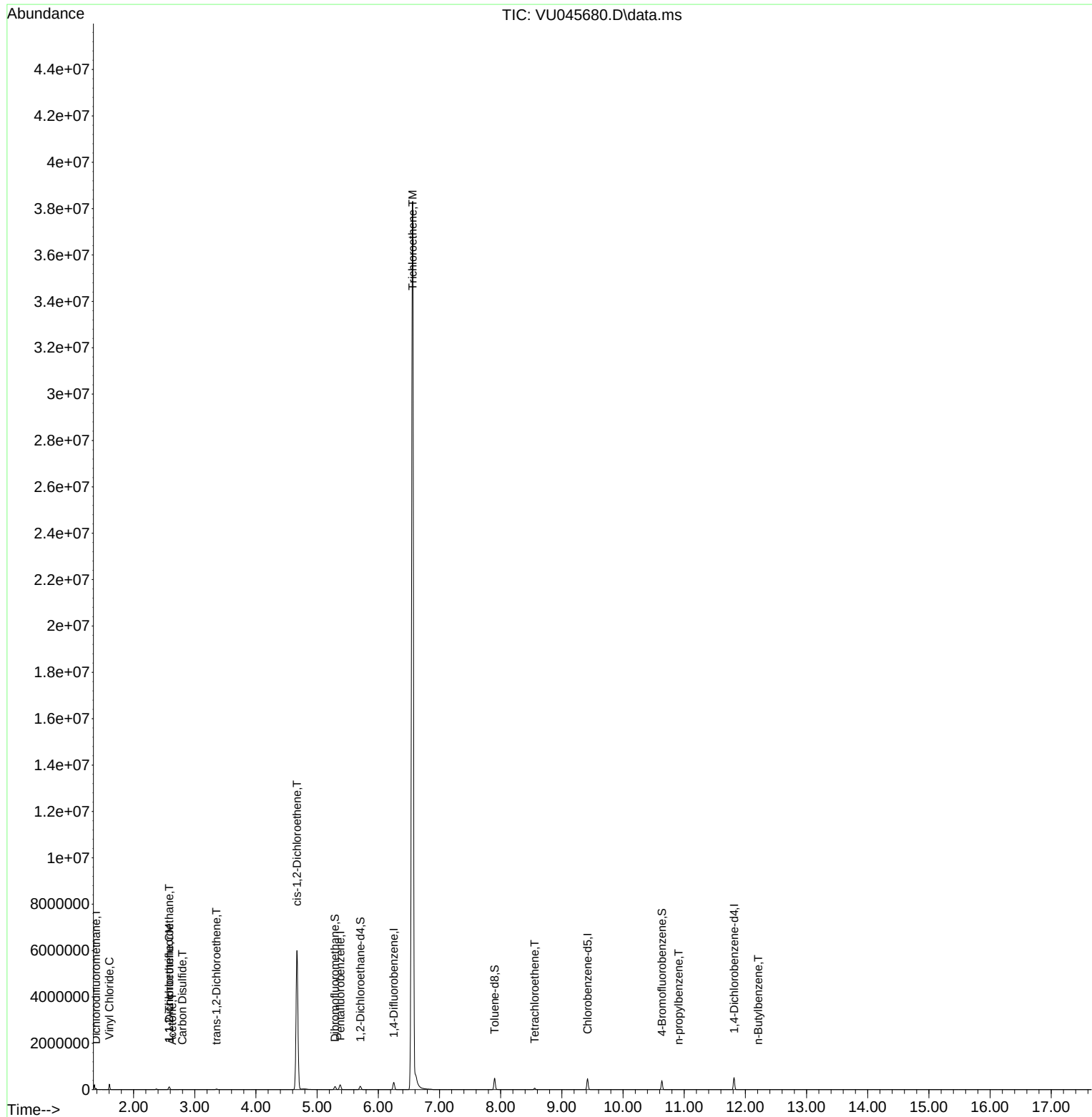
Internal Standards						
1) Pentafluorobenzene	5.379	168	134885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	250039	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	250837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	126954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	107455	53.194	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.380%	
35) Dibromofluoromethane	5.292	113	84044	50.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	7.899	98	326249	52.557	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	10.636	95	123360	49.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	24828	14.197	ug/l	97
4) Vinyl Chloride	1.604	62	151582	77.766	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	29823	19.815	ug/l	95
12) 1,1-Dichloroethene	2.581	96	15472	10.426	ug/l	94
16) Acetone	2.629	43	1603	1.559	ug/l	93
17) Carbon Disulfide	2.797	76	1382	0.332	ug/l #	93
21) trans-1,2-Dichloroethene	3.356	96	10351	6.705	ug/l	95
27) cis-1,2-Dichloroethene	4.671	96	3057718	1686.284	ug/l	90
44) Trichloroethene	6.562	130	14639695	8472.929	ug/l	96
64) Tetrachloroethene	8.555	164	13862	9.628	ug/l	97
78) n-propylbenzene	10.909	91	2419	0.234	ug/l	94
89) n-Butylbenzene	12.211	91	2602	0.353	ug/l	97

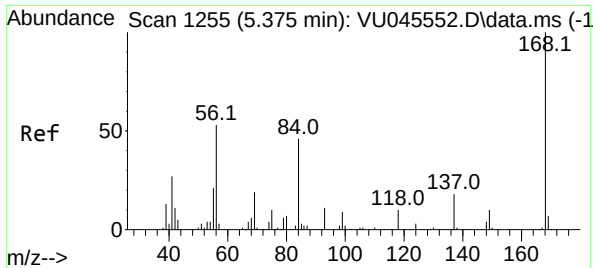
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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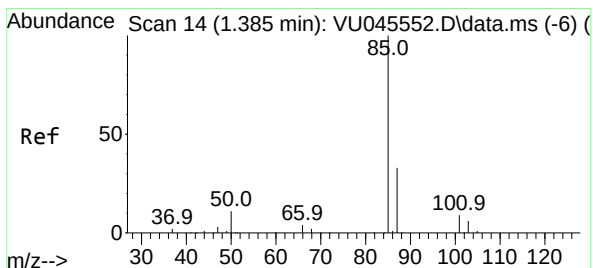
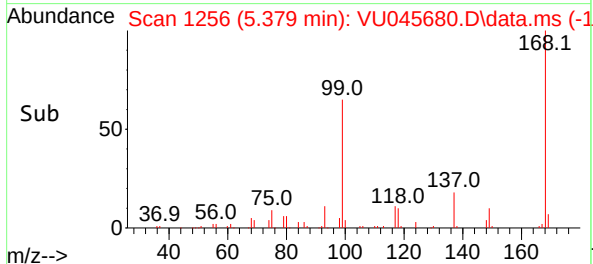
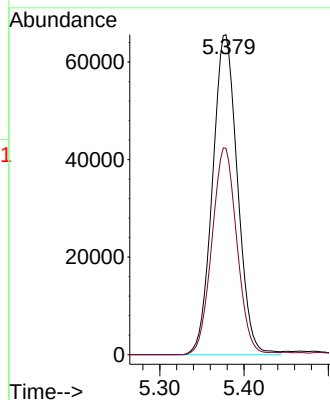
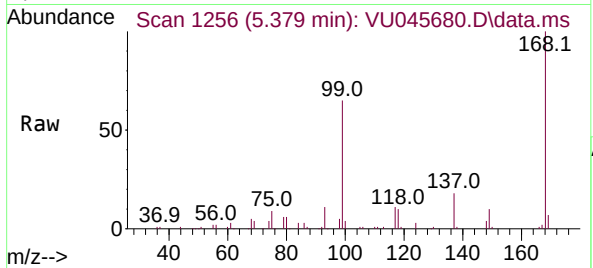




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

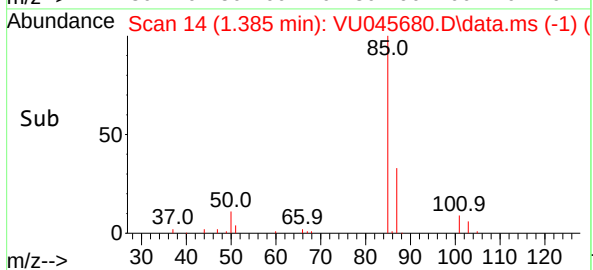
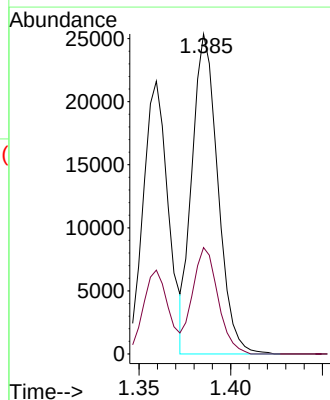
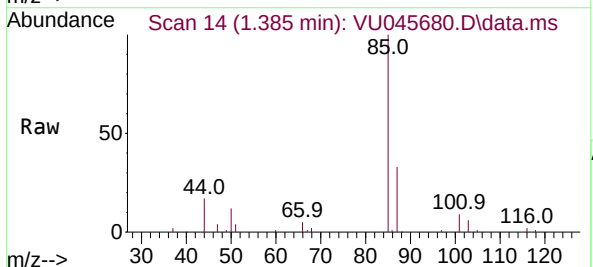
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

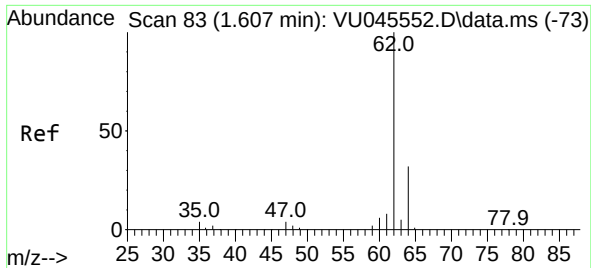
Tgt Ion:168 Resp: 134885
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 14.197 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

Tgt Ion: 85 Resp: 24828
Ion Ratio Lower Upper
85 100
87 33.3 15.9 47.7

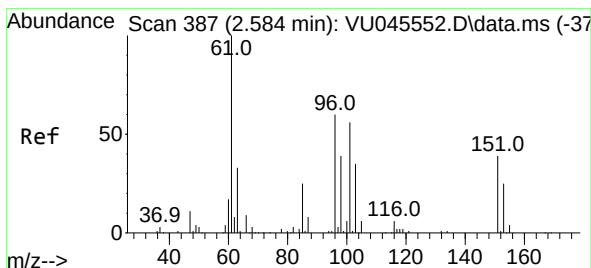
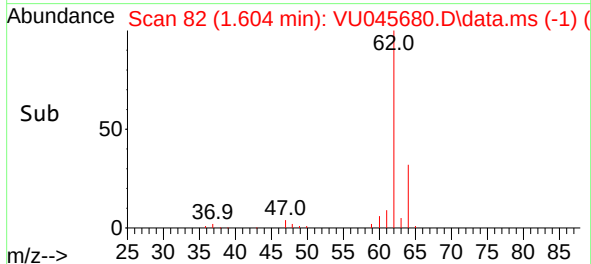
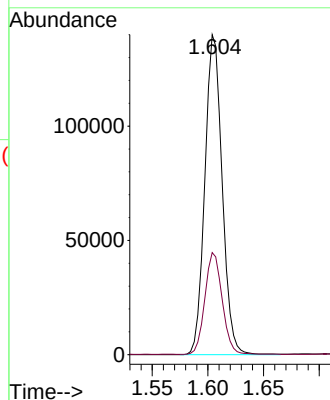
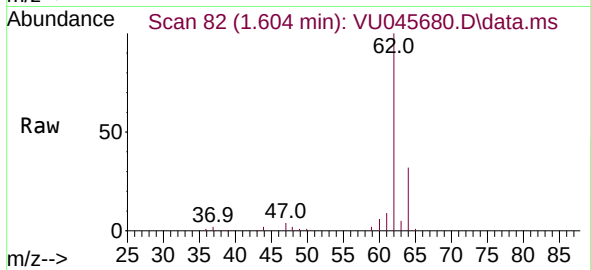




#4
 Vinyl Chloride
 Concen: 77.766 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045680.D
 Acq: 10 Nov 2021 00:24

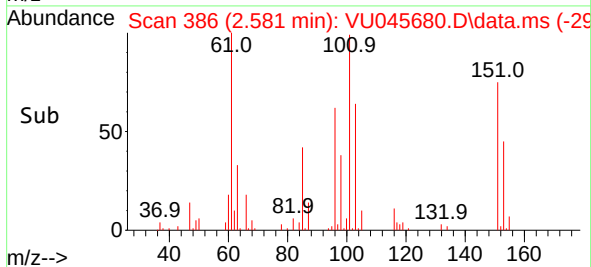
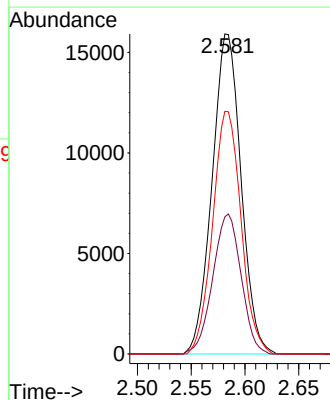
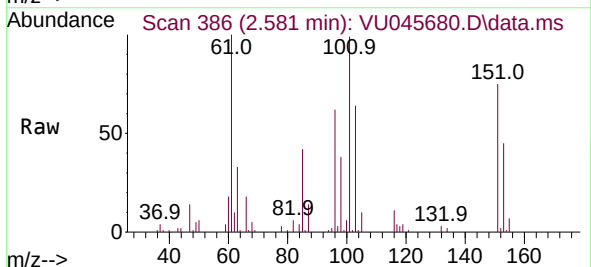
Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20211108

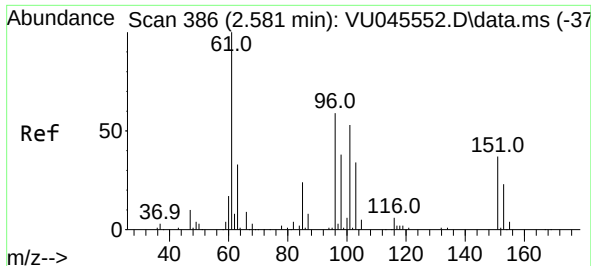
Tgt Ion: 62 Resp: 151582
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.815 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU045680.D
 Acq: 10 Nov 2021 00:24

Tgt Ion: 101 Resp: 29823
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.0 52.4
 151 74.3 54.6 82.0





#12

1,1-Dichloroethene

Concen: 10.426 ug/l

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU045680.D

Acq: 10 Nov 2021 00:24

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108

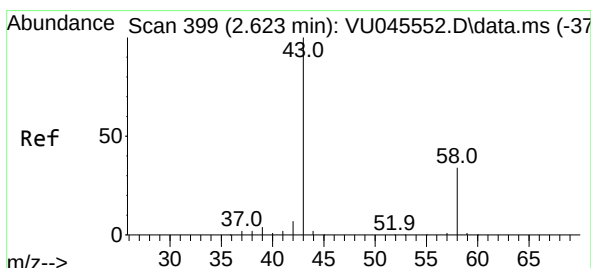
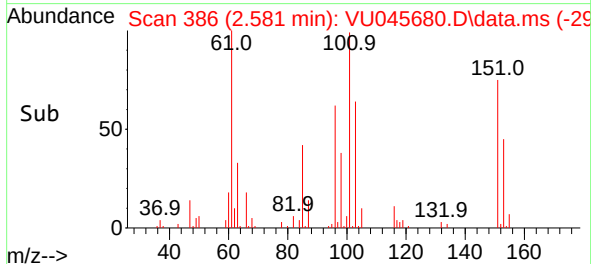
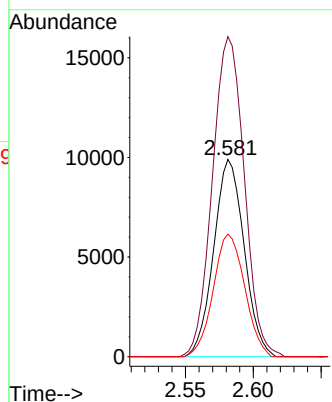
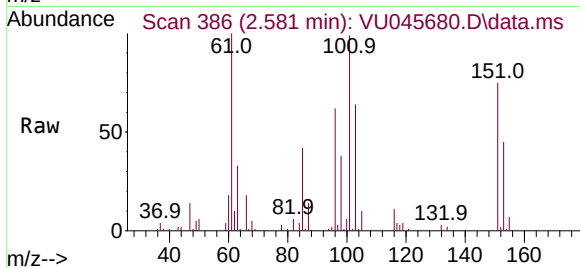
Tgt Ion: 96 Resp: 15472

Ion Ratio Lower Upper

96 100

61 162.3 137.1 205.7

98 62.2 51.5 77.3



#16

Acetone

Concen: 1.559 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045680.D

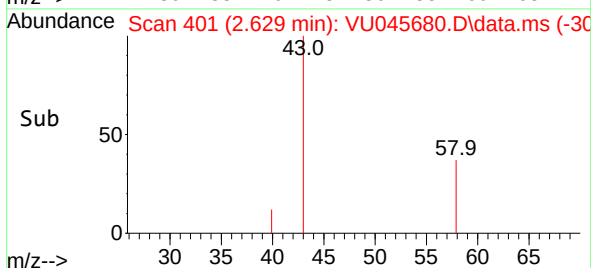
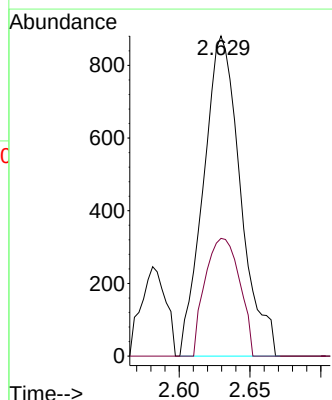
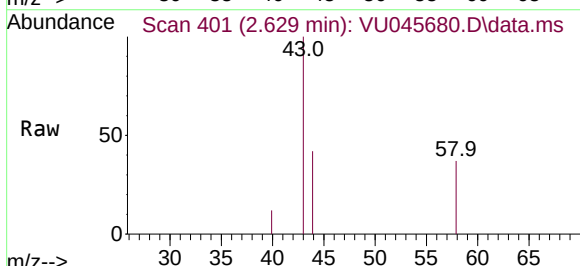
Acq: 10 Nov 2021 00:24

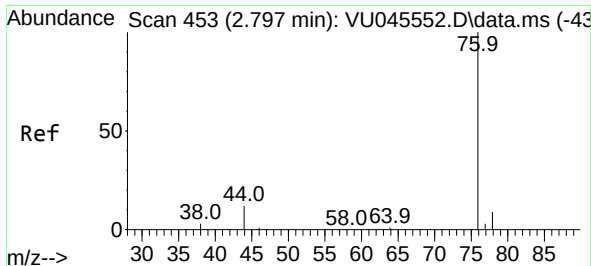
Tgt Ion: 43 Resp: 1603

Ion Ratio Lower Upper

43 100

58 36.8 26.2 39.2





#17

Carbon Disulfide

Concen: 0.332 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU045680.D

Acq: 10 Nov 2021 00:24

Instrument :

MSVOA_U

ClientSampleId :

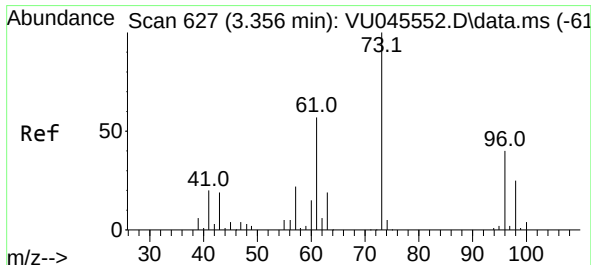
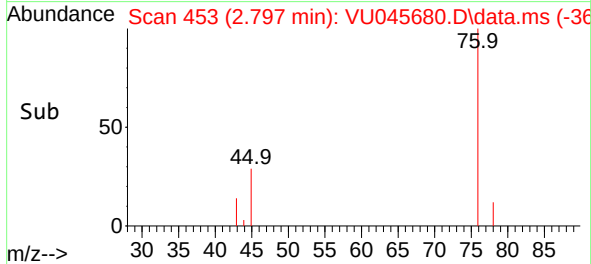
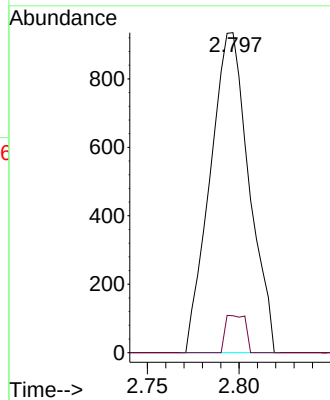
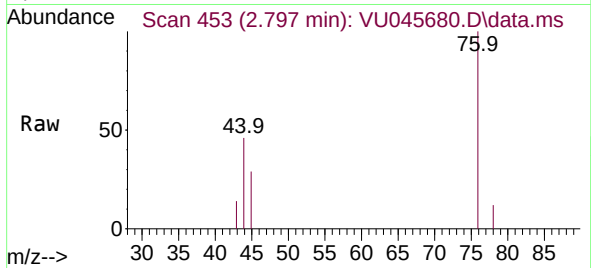
56BR-20211108

Tgt Ion: 76 Resp: 1382

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#



#21

trans-1,2-Dichloroethene

Concen: 6.705 ug/l

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU045680.D

Acq: 10 Nov 2021 00:24

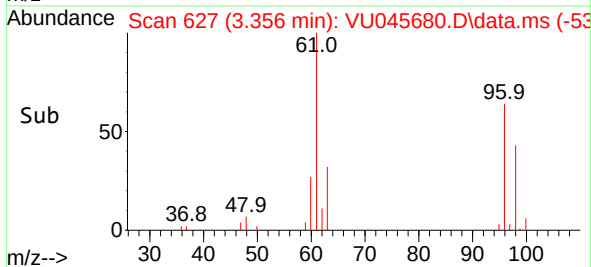
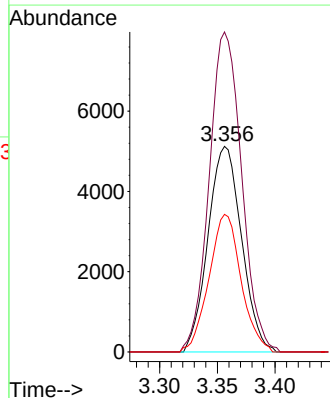
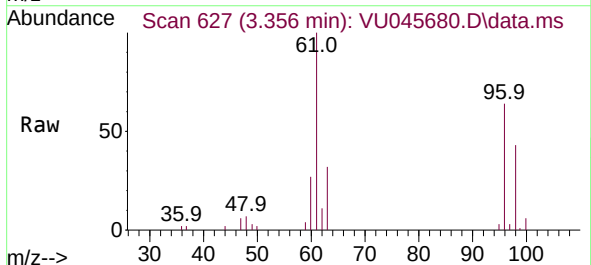
Tgt Ion: 96 Resp: 10351

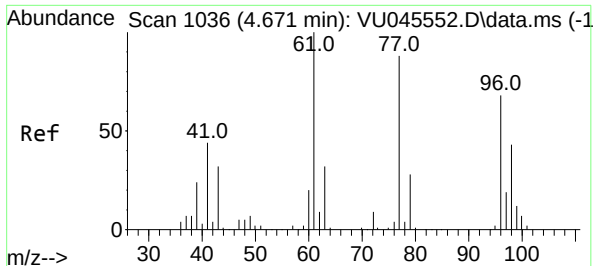
Ion Ratio Lower Upper

96 100

61 155.6 118.2 177.4

98 67.0 52.1 78.1





#27

cis-1,2-Dichloroethene

Concen: 1686.284 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045680.D

Acq: 10 Nov 2021 00:24

Instrument :

MSVOA_U

ClientSampleId :

56BR-20211108

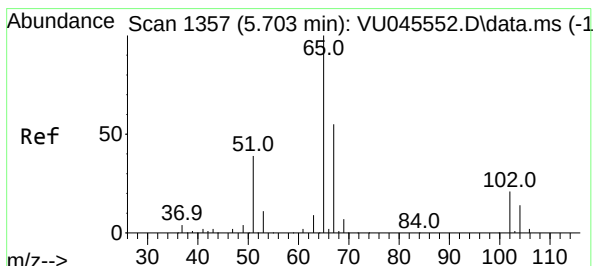
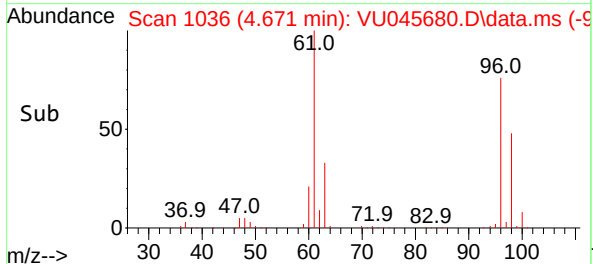
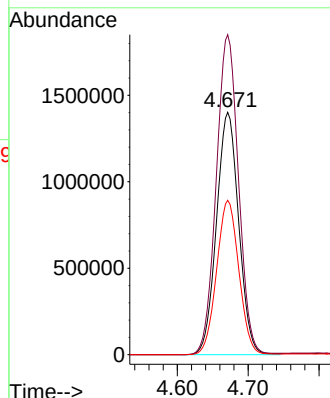
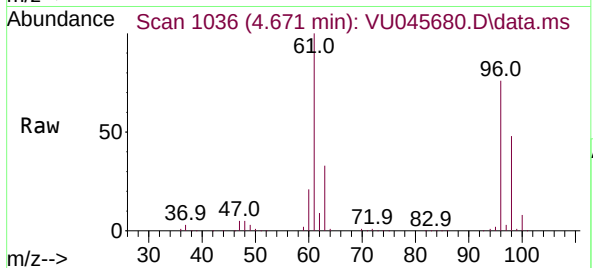
Tgt Ion: 96 Resp: 3057718

Ion Ratio Lower Upper

96 100

61 132.2 0.0 299.2

98 63.7 0.0 127.6



#33

1,2-Dichloroethane-d4

Concen: 53.194 ug/l

RT: 5.707 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045680.D

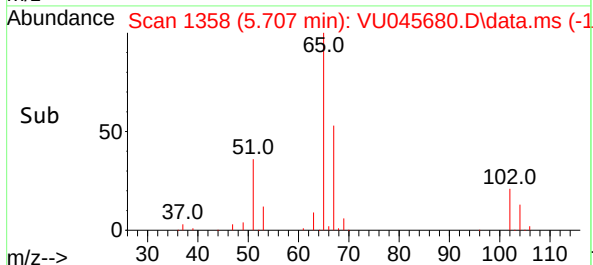
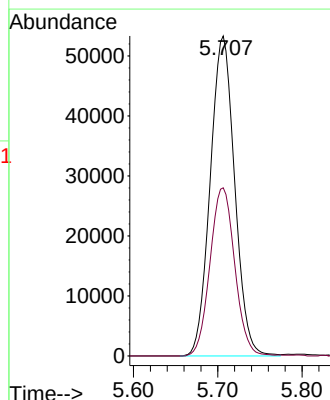
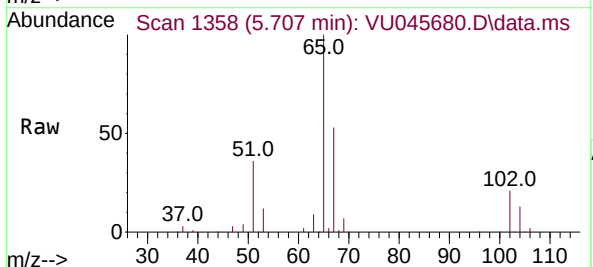
Acq: 10 Nov 2021 00:24

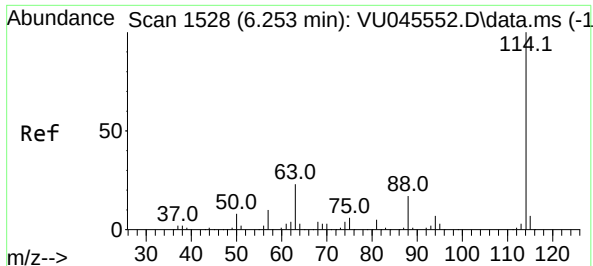
Tgt Ion: 65 Resp: 107455

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045680.D

Acq: 10 Nov 2021 00:24

Instrument :

MSVOA_U

ClientSampleId :

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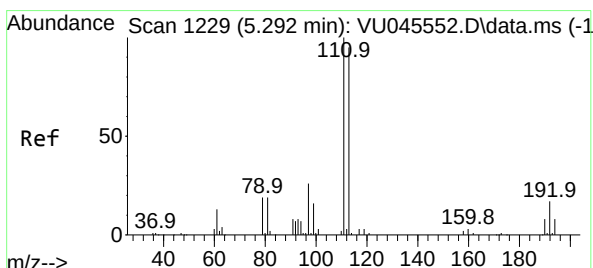
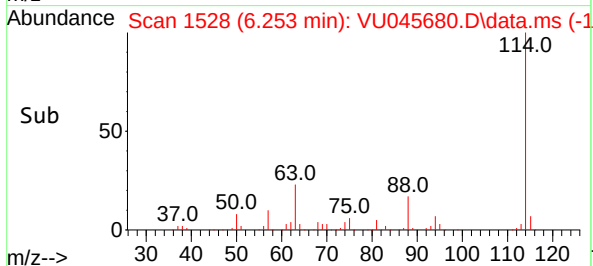
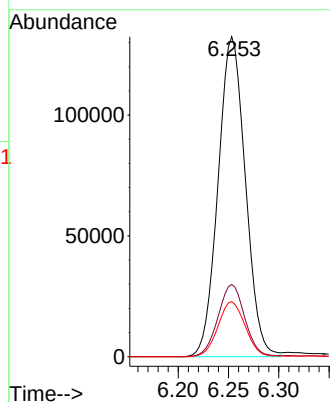
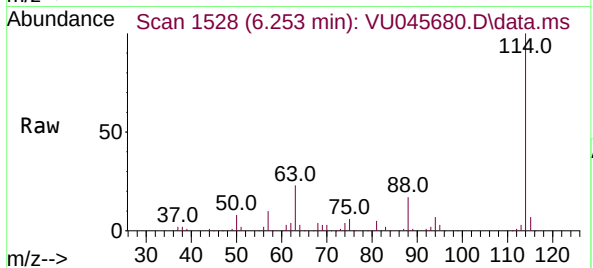
Tgt Ion:114 Resp: 250039

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.345 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045680.D

Acq: 10 Nov 2021 00:24

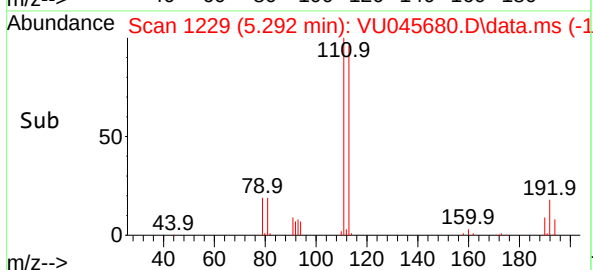
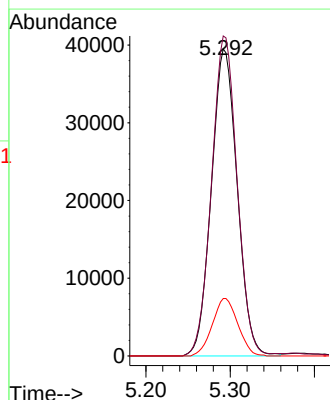
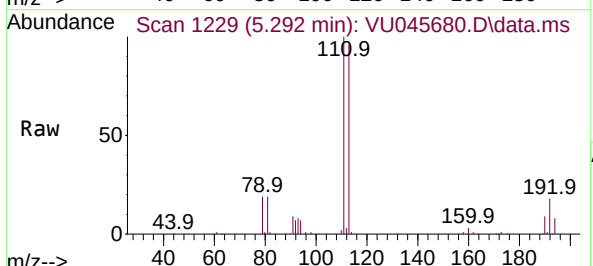
Tgt Ion:113 Resp: 84044

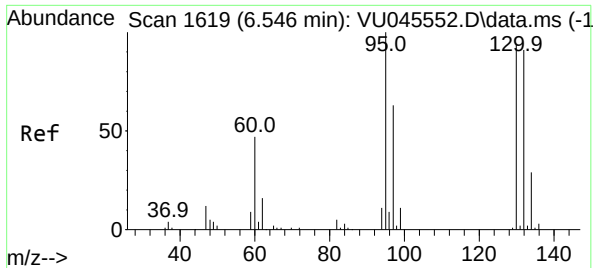
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.5 14.8 22.2

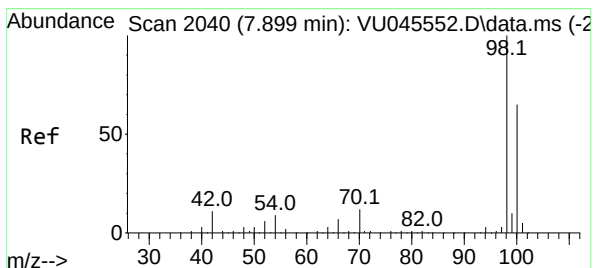
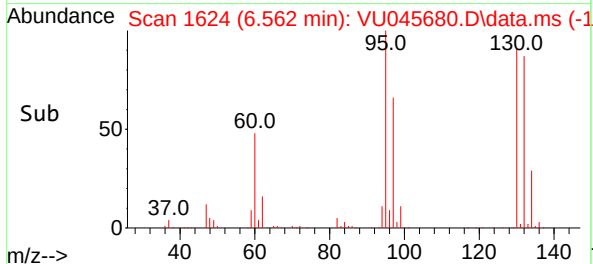
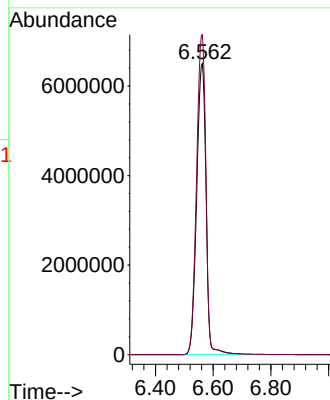
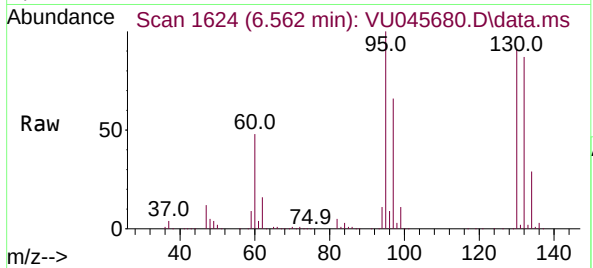




#44
 Trichloroethene
 Concen: 8472.929 ug/l
 RT: 6.562 min Scan# 1
 Delta R.T. 0.016 min
 Lab File: VU045680.D
 Acq: 10 Nov 2021 00:24

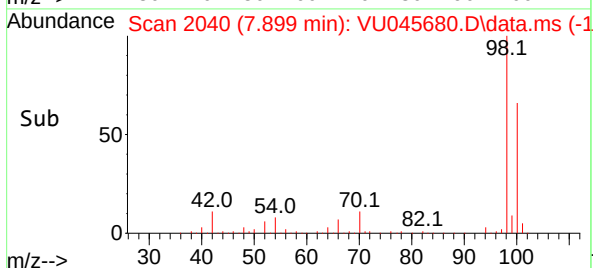
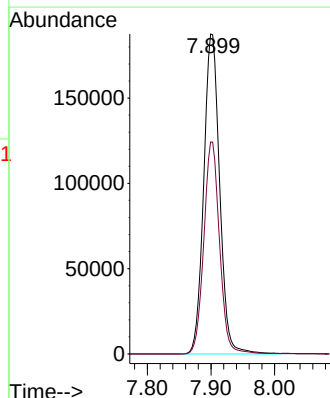
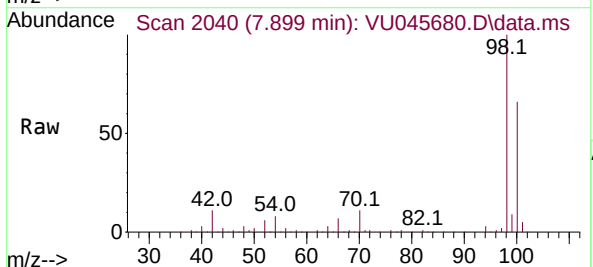
Instrument :
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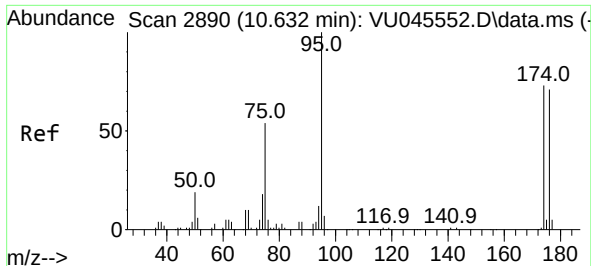
Tgt Ion:130 Resp:14639695
 Ion Ratio Lower Upper
 130 100
 95 110.0 0.0 211.4



#50
 Toluene-d8
 Concen: 52.557 ug/l
 RT: 7.899 min Scan# 2040
 Delta R.T. 0.000 min
 Lab File: VU045680.D
 Acq: 10 Nov 2021 00:24

Tgt Ion: 98 Resp: 326249
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.5 78.7

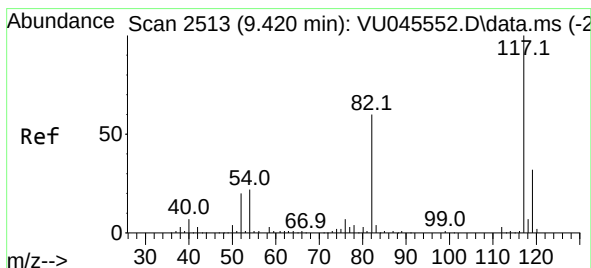
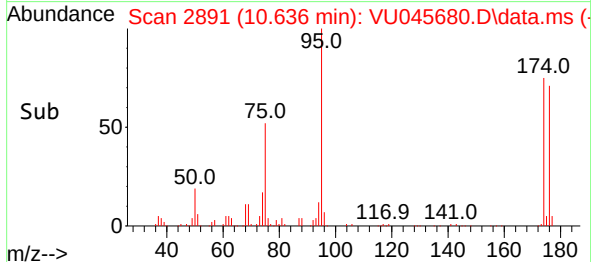
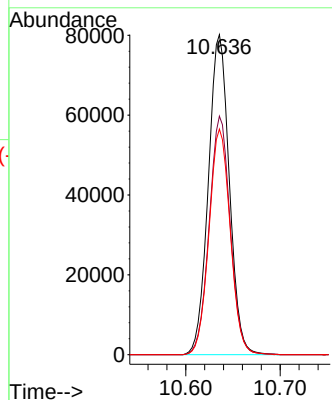
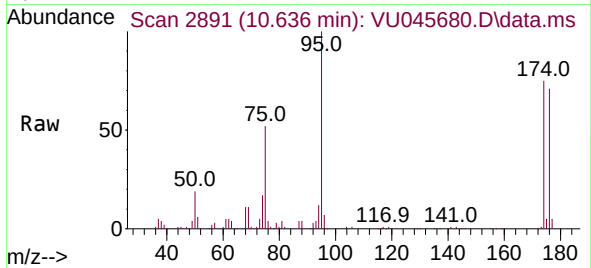




#62
4-Bromofluorobenzene
Concen: 49.558 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

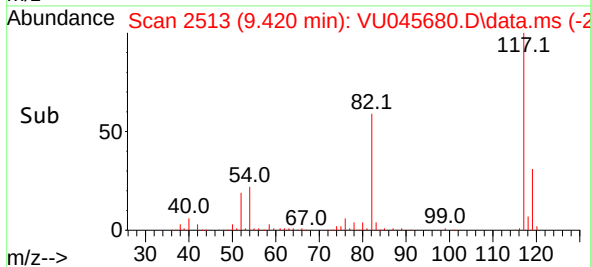
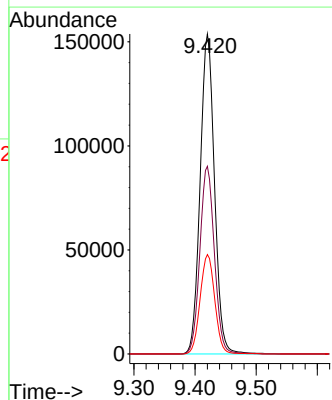
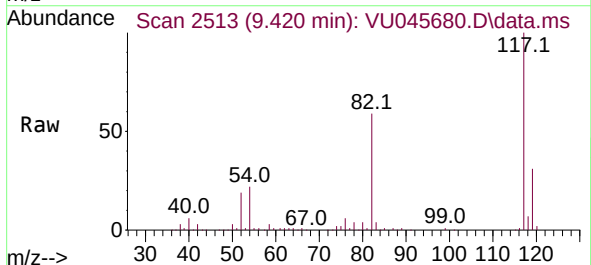
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

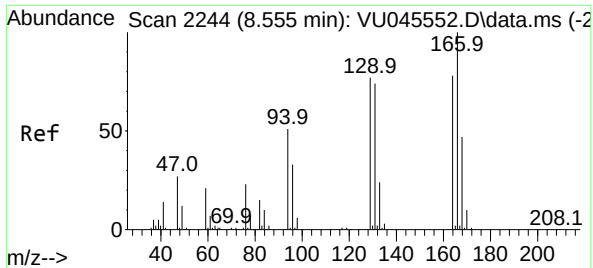
Tgt Ion: 95 Resp: 123360
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.8
176 71.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

Tgt Ion: 117 Resp: 250837
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 31.0 25.8 38.8

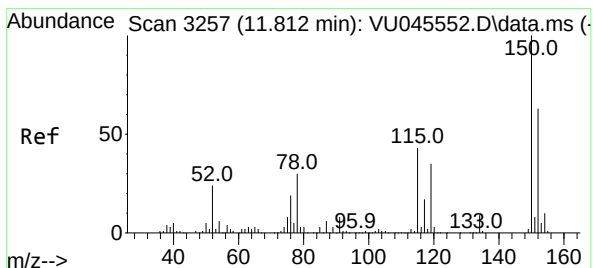
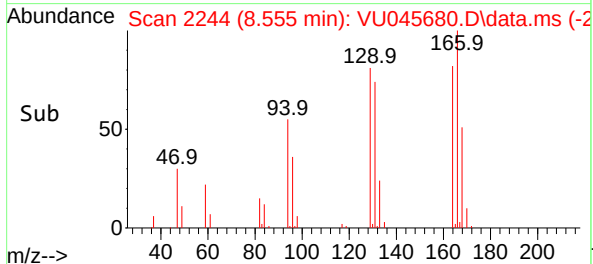
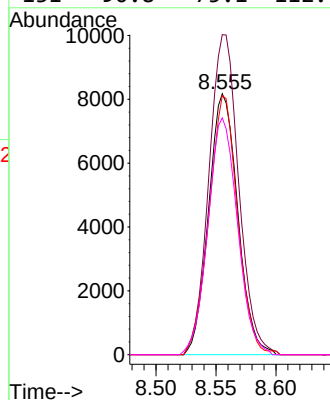
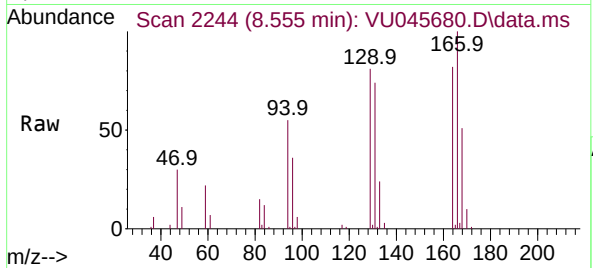




#64
Tetrachloroethene
Concen: 9.628 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

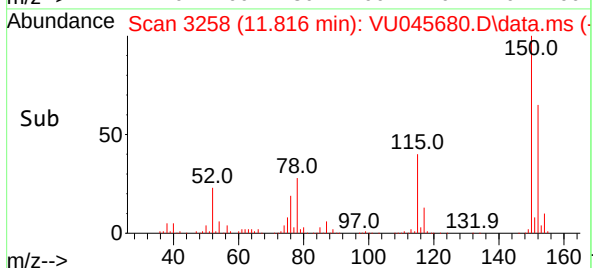
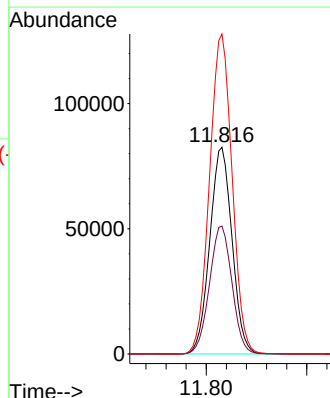
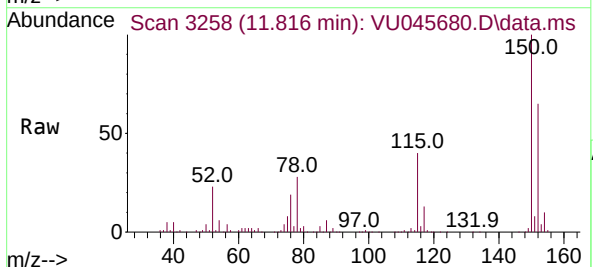
Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

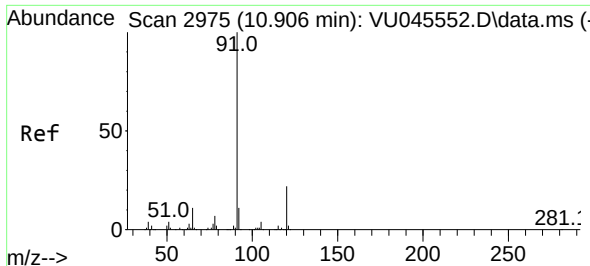
Tgt Ion:164	Resp:	13862
Ion Ratio	Lower	Upper
164	100	
166	122.6	102.2 153.4
129	99.3	78.2 117.4
131	90.8	75.1 112.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

Tgt Ion:152	Resp:	126954
Ion Ratio	Lower	Upper
152	100	
115	62.5	42.7 128.1
150	156.7	0.0 346.8

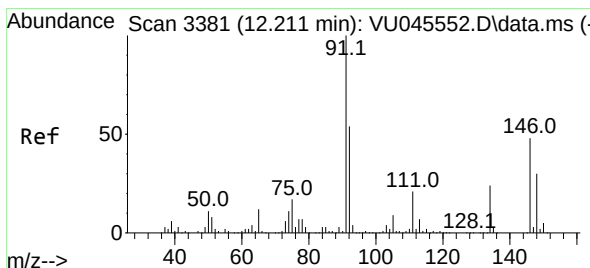
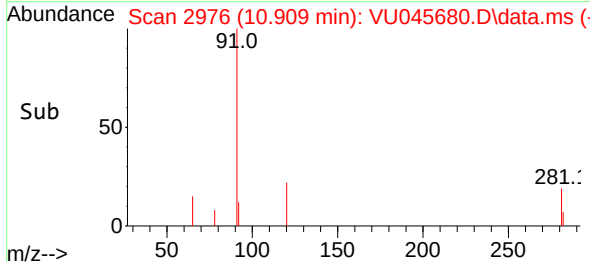
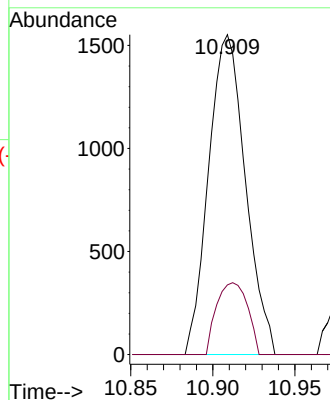
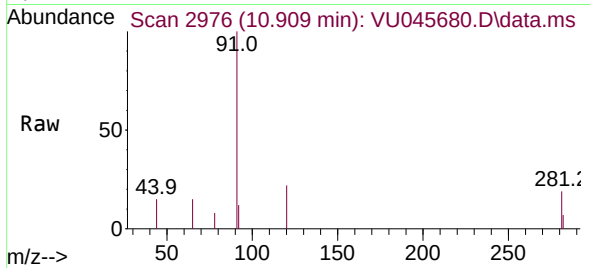




#78
n-propylbenzene
Concen: 0.234 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

Instrument :
MSVOA_U
ClientSampleId :
56BR-20211108

Tgt Ion: 91 Resp: 2419
Ion Ratio Lower Upper
91 100
120 18.9 10.9 32.7



#89
n-Butylbenzene
Concen: 0.353 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045680.D
Acq: 10 Nov 2021 00:24

Tgt Ion: 91 Resp: 2602
Ion Ratio Lower Upper
91 100
92 52.0 27.1 81.2
134 24.4 11.8 35.4

