

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045666.D
 Acq On : 09 Nov 2021 18:14
 Operator : SY/MD
 Sample : M4594-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20211108

Quant Time: Nov 10 02:01:20 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)

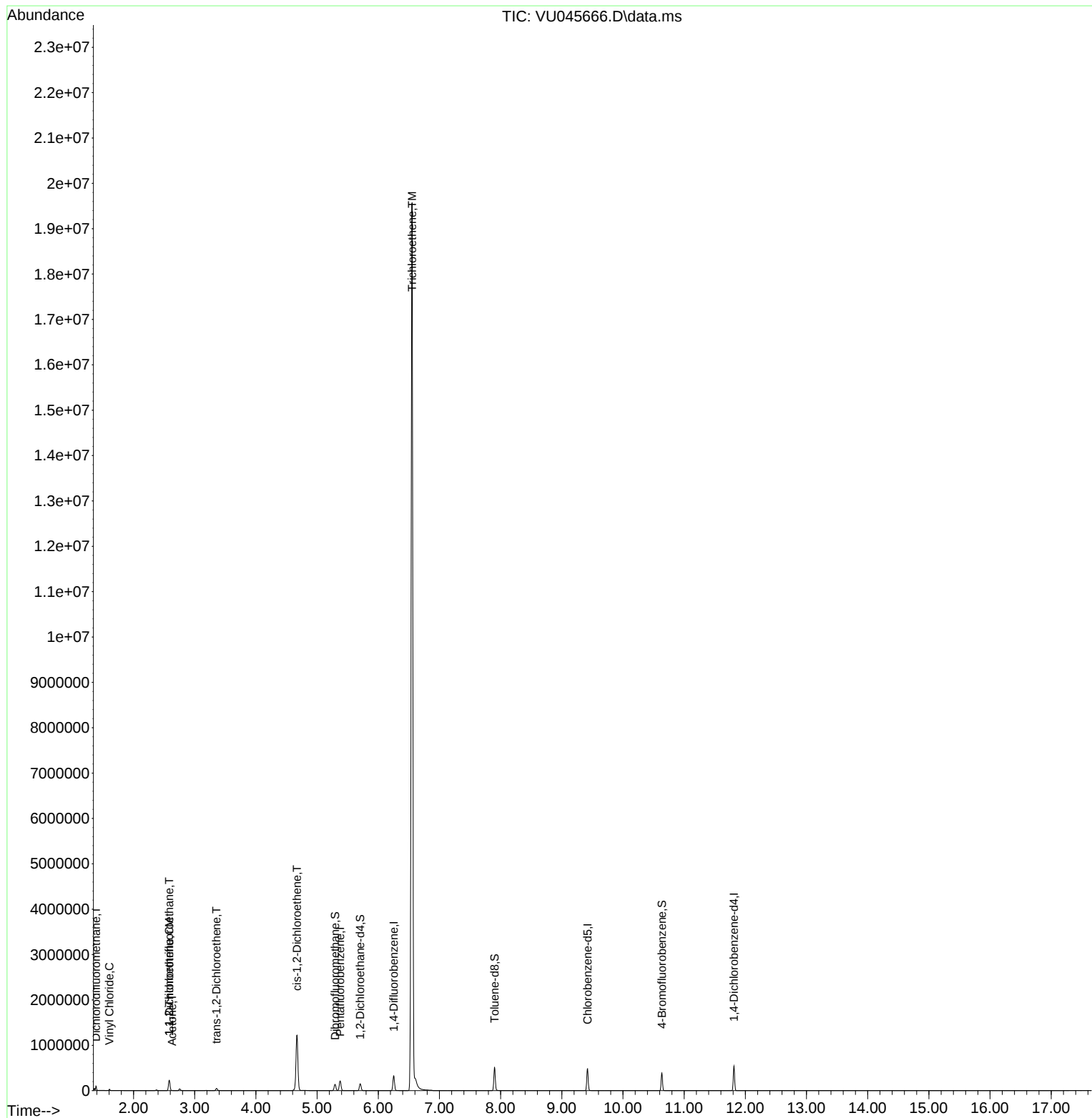
Internal Standards						
1) Pentafluorobenzene	5.375	168	142631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	259866	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	260577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	131797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	113137	52.965	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.940%
35) Dibromofluoromethane	5.292	113	88214	50.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	7.900	98	339296	52.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.180%
62) 4-Bromofluorobenzene	10.636	95	129652	50.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	55236	29.869	ug/l	99
4) Vinyl Chloride	1.607	62	18528	8.989	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.585	101	57815	36.327	ug/l	96
12) 1,1-Dichloroethene	2.581	96	30905	19.695	ug/l	96
16) Acetone	2.630	43	2941	2.705	ug/l #	85
21) trans-1,2-Dichloroethene	3.356	96	20492	12.553	ug/l	94
27) cis-1,2-Dichloroethene	4.671	96	627710	327.372	ug/l	90
44) Trichloroethene	6.552	130	6571125	3659.313	ug/l	96

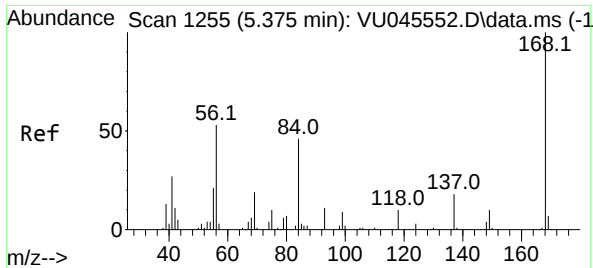
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

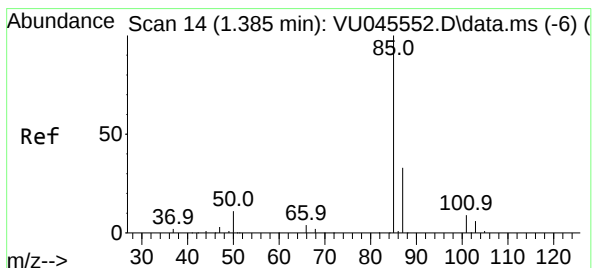
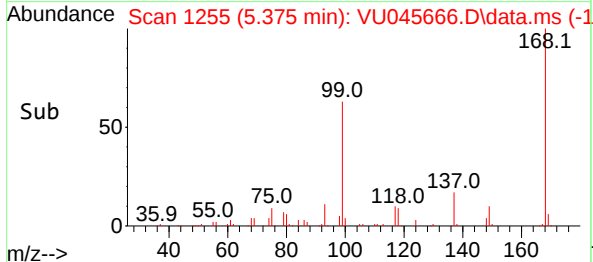
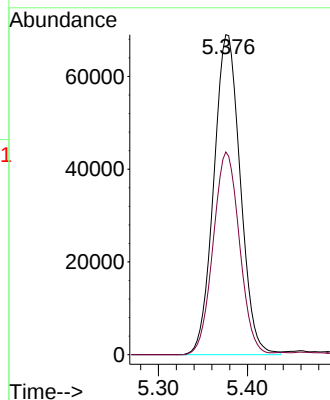
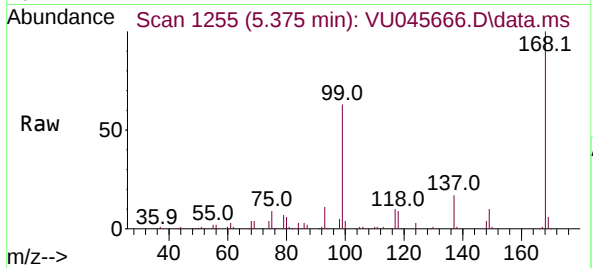




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

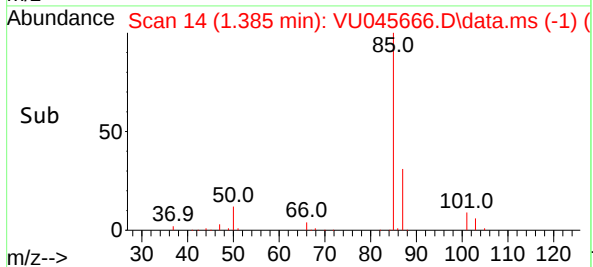
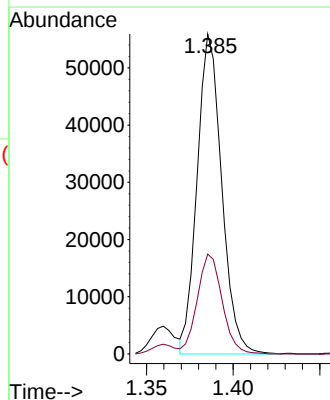
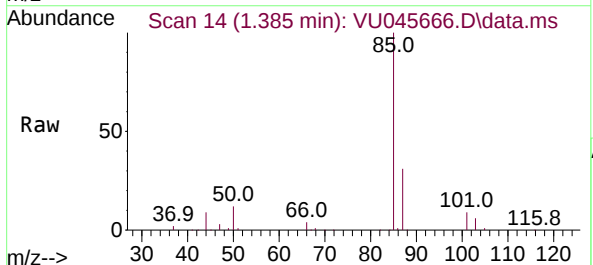
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108

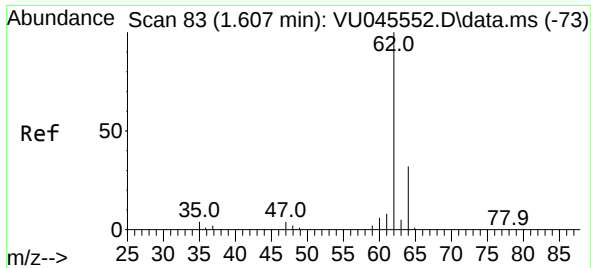
Tgt Ion:168 Resp: 142631
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 29.869 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Tgt Ion: 85 Resp: 55236
Ion Ratio Lower Upper
85 100
87 31.2 15.9 47.7

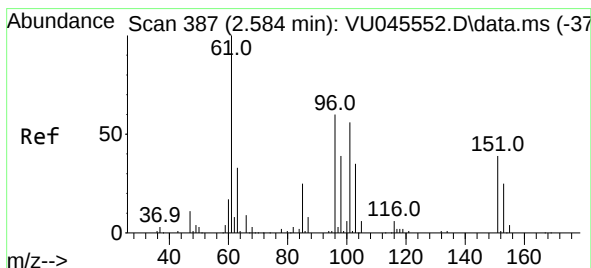
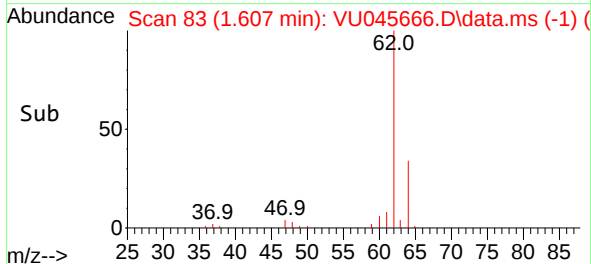
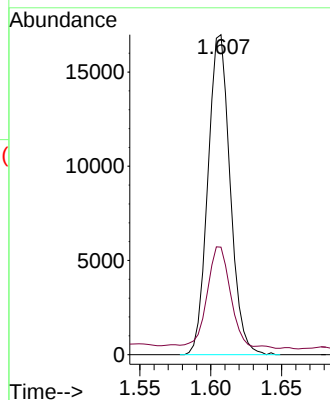
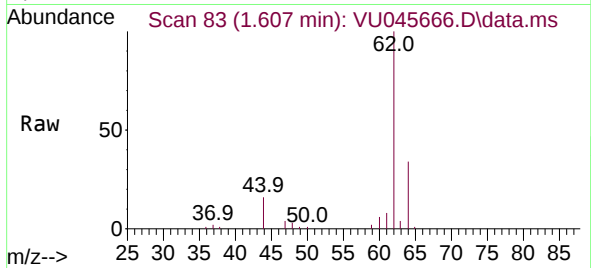




#4
 Vinyl Chloride
 Concen: 8.989 ug/l
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045666.D
 Acq: 09 Nov 2021 18:14

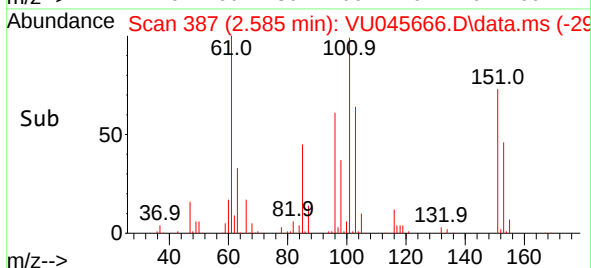
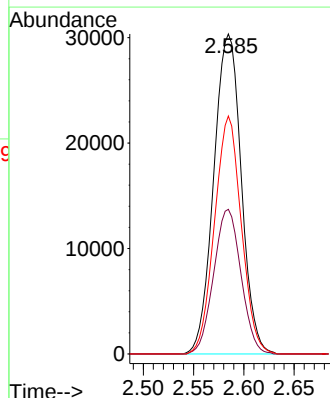
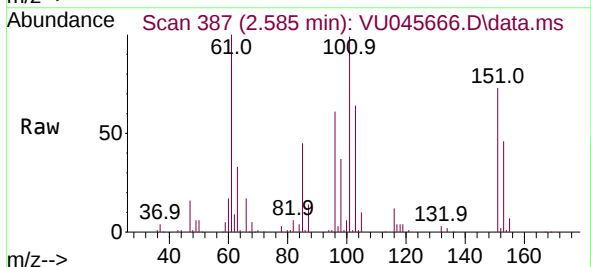
Instrument :
 MSVOA_U
 ClientSampleId :
 29BR-20211108

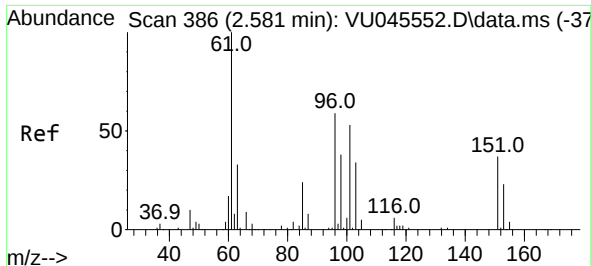
Tgt Ion: 62 Resp: 18528
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 36.327 ug/l
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045666.D
 Acq: 09 Nov 2021 18:14

Tgt Ion: 101 Resp: 57815
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.0 52.4
 151 72.3 54.6 82.0

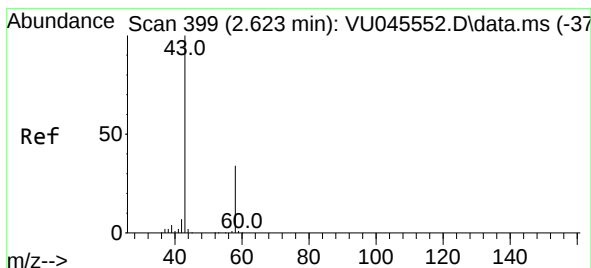
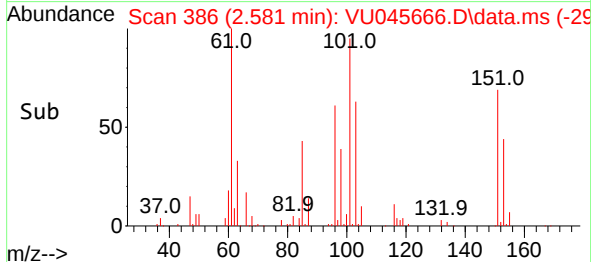
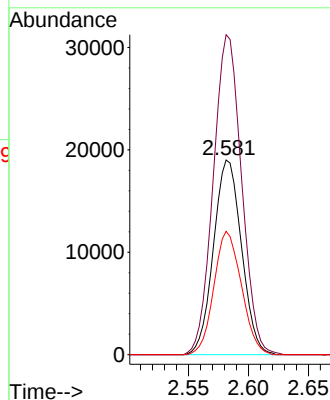
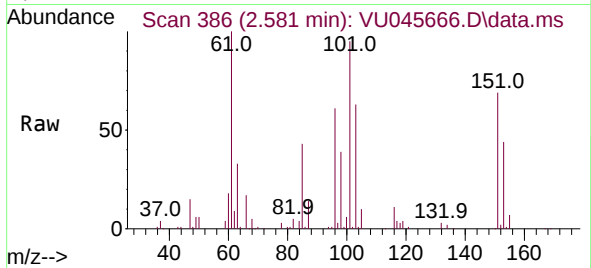




#12
1,1-Dichloroethene
Concen: 19.695 ug/l
RT: 2.581 min Scan# 309
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

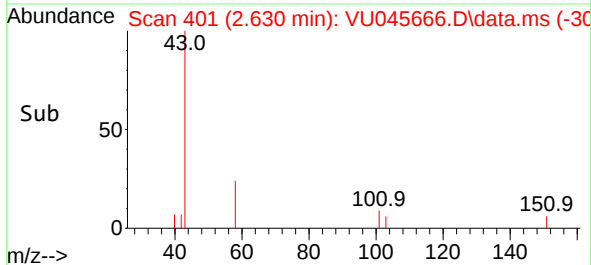
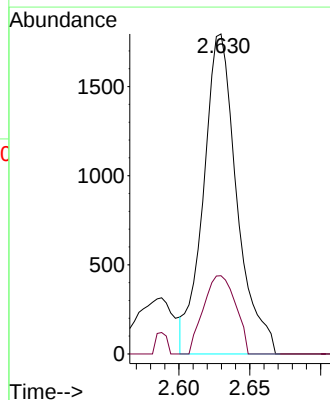
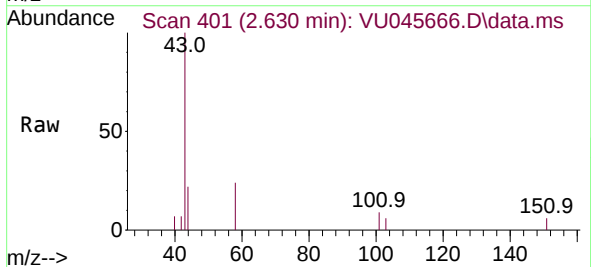
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108

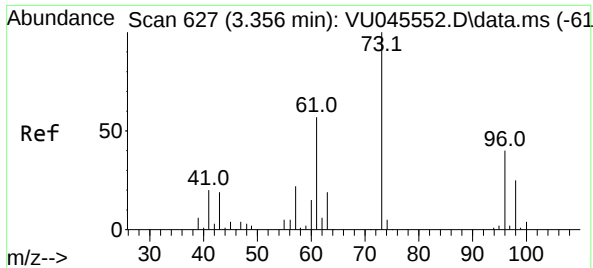
Tgt Ion: 96 Resp: 30905
Ion Ratio Lower Upper
96 100
61 164.3 137.1 205.7
98 63.4 51.5 77.3



#16
Acetone
Concen: 2.705 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.007 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Tgt Ion: 43 Resp: 2941
Ion Ratio Lower Upper
43 100
58 24.5 26.2 39.2#

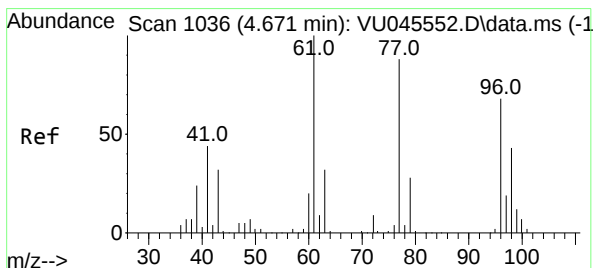
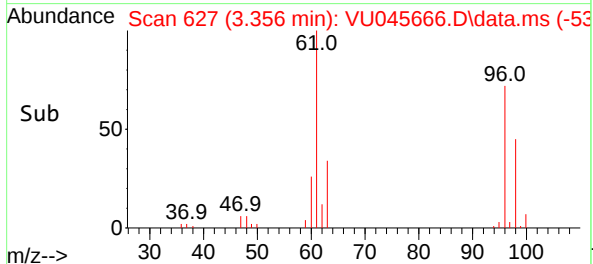
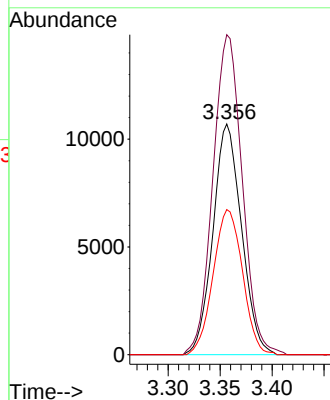
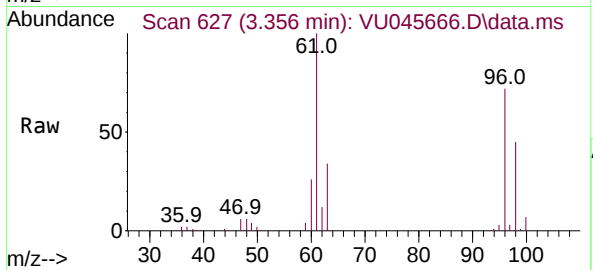




#21
trans-1,2-Dichloroethene
Concen: 12.553 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

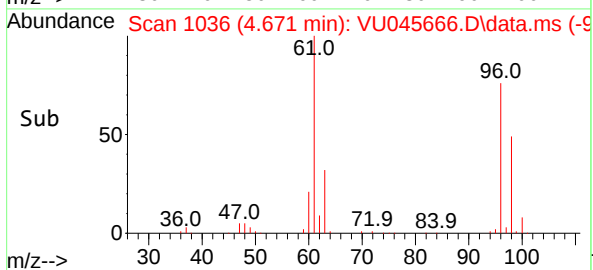
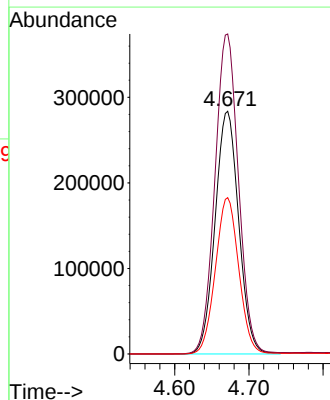
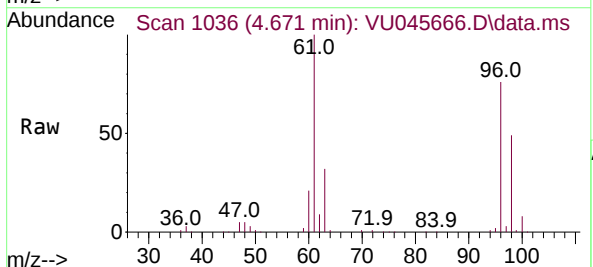
Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108

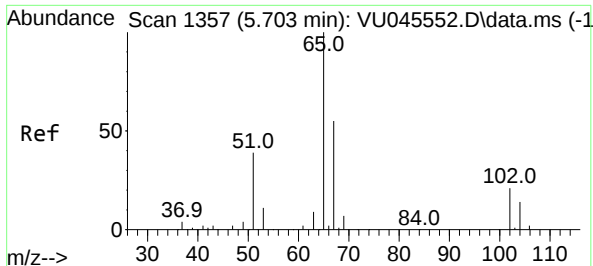
Tgt Ion: 96 Resp: 20492
Ion Ratio Lower Upper
96 100
61 138.6 118.2 177.4
98 62.8 52.1 78.1



#27
cis-1,2-Dichloroethene
Concen: 327.372 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Tgt Ion: 96 Resp: 627710
Ion Ratio Lower Upper
96 100
61 131.8 0.0 299.2
98 63.9 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 52.965 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045666.D

Acq: 09 Nov 2021 18:14

Instrument :

MSVOA_U

ClientSampleId :

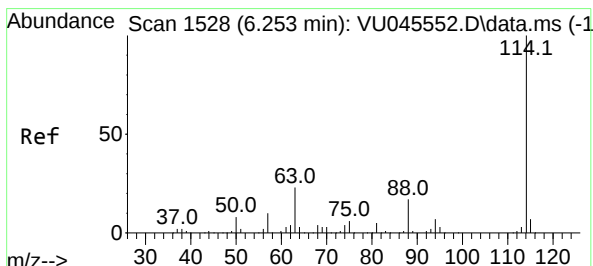
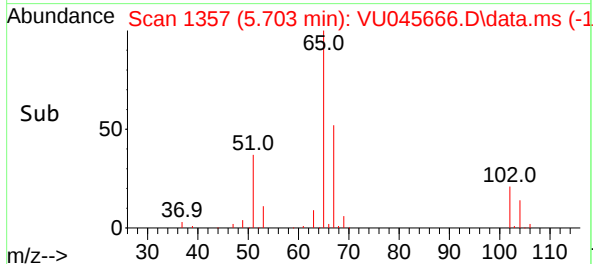
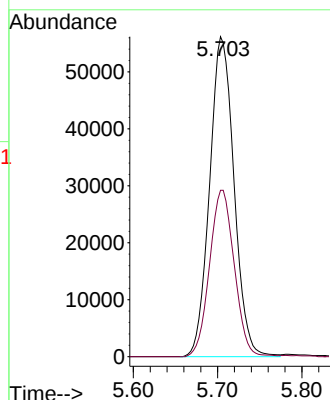
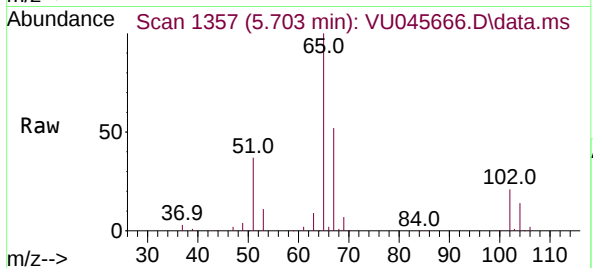
29BR-20211108

Tgt Ion: 65 Resp: 113137

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045666.D

Acq: 09 Nov 2021 18:14

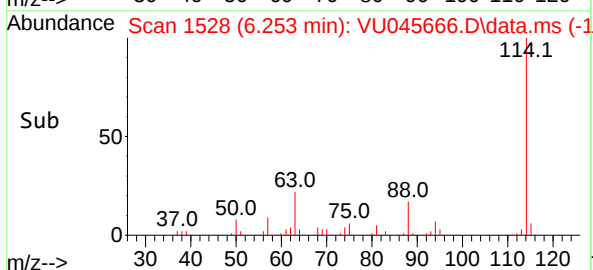
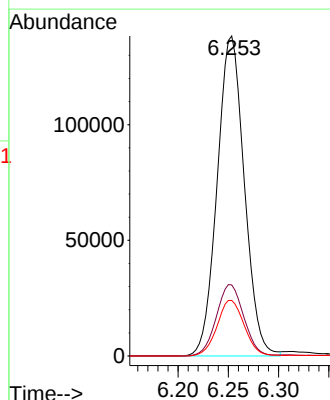
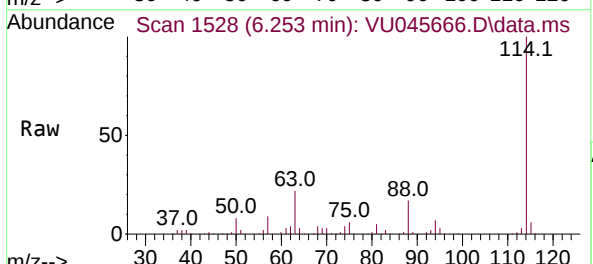
Tgt Ion: 114 Resp: 259866

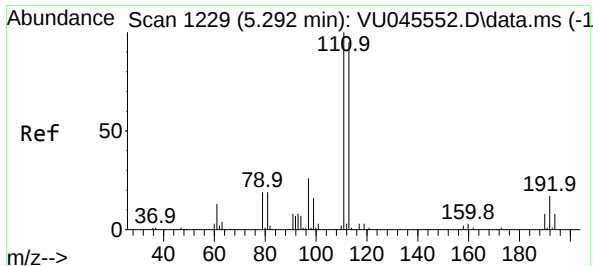
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

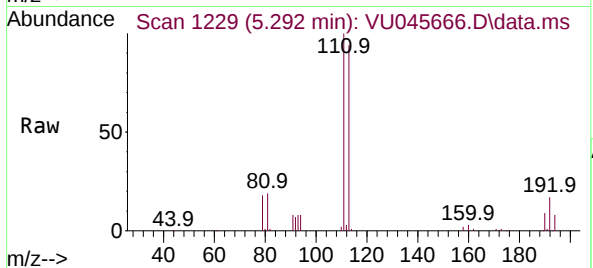
88 17.3 0.0 33.8



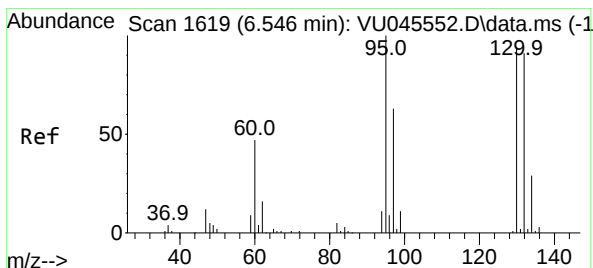
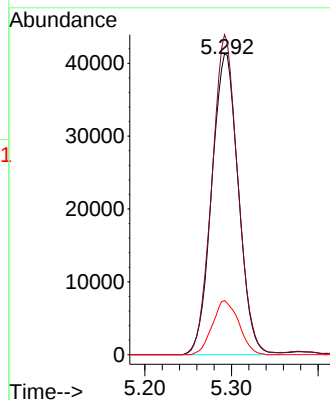
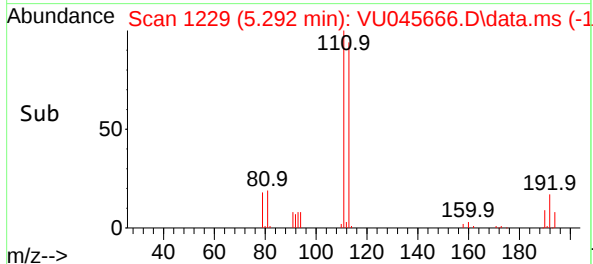


#35
Dibromofluoromethane
Concen: 50.844 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108

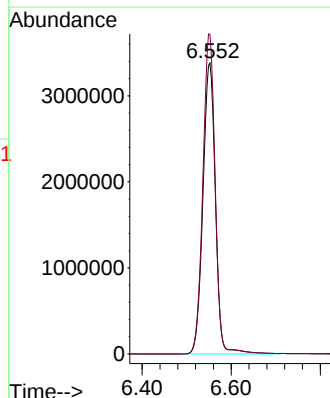
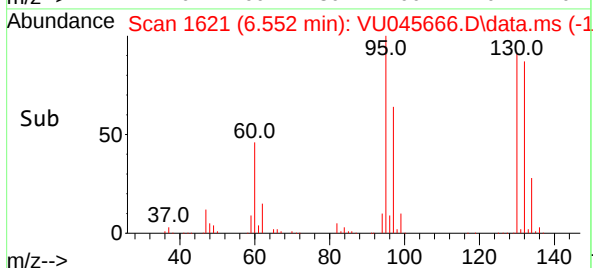
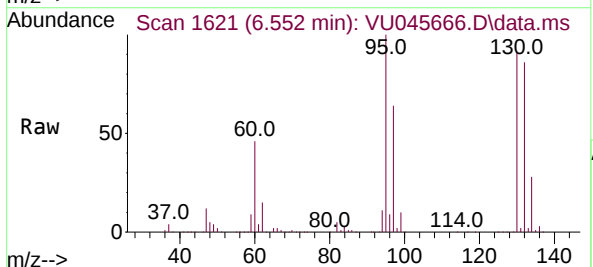


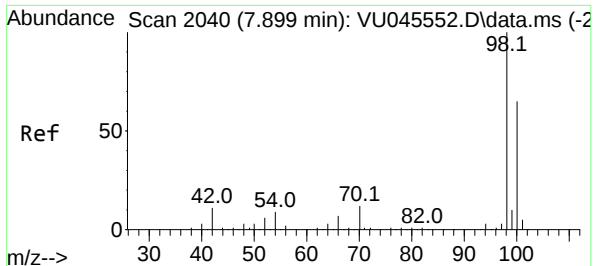
Tgt Ion:113 Resp: 88214
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 17.8 14.8 22.2



#44
Trichloroethene
Concen: 3659.313 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Tgt Ion:130 Resp: 6571125
Ion Ratio Lower Upper
130 100
95 109.8 0.0 211.4

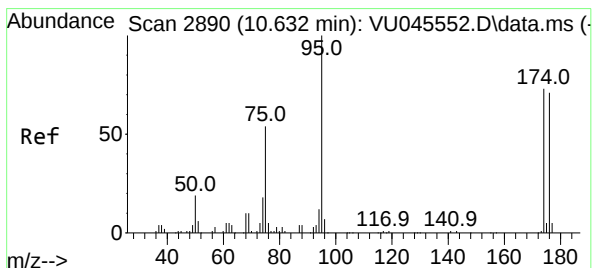
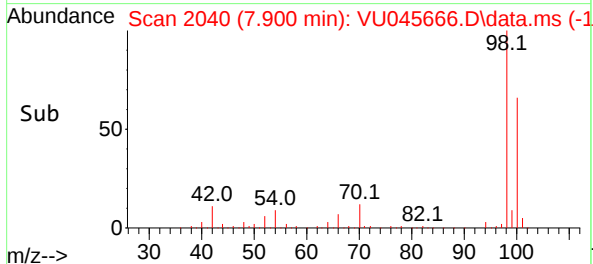
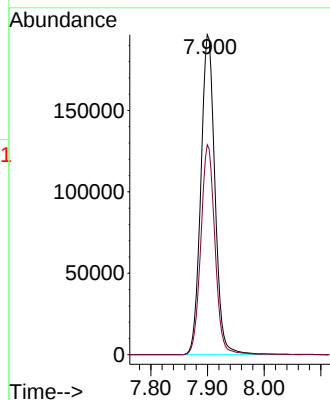
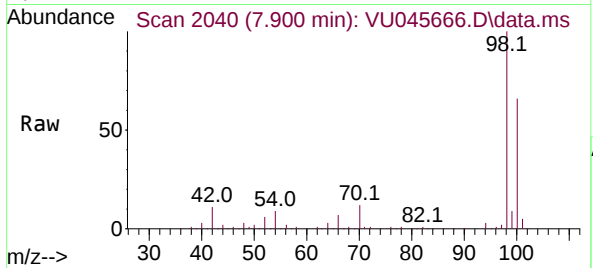




#50
Toluene-d8
Concen: 52.592 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

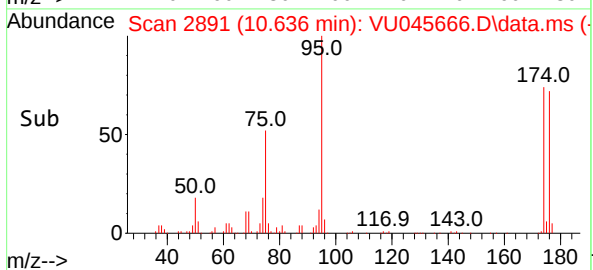
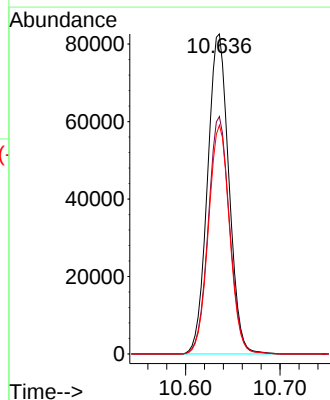
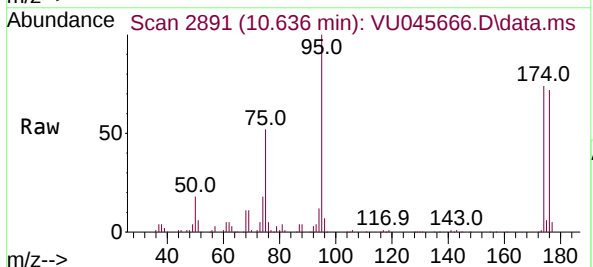
Instrument :
MSVOA_U
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29BR-20211108

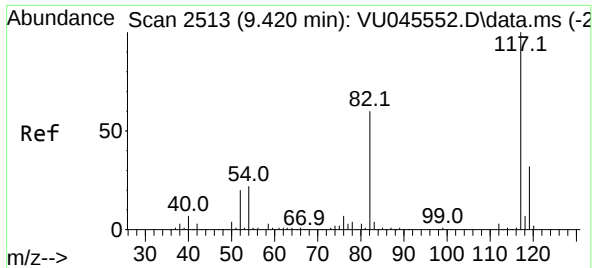
Tgt Ion: 98 Resp: 339296
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.116 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Tgt Ion: 95 Resp: 129652
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.8
176 70.8 0.0 138.2

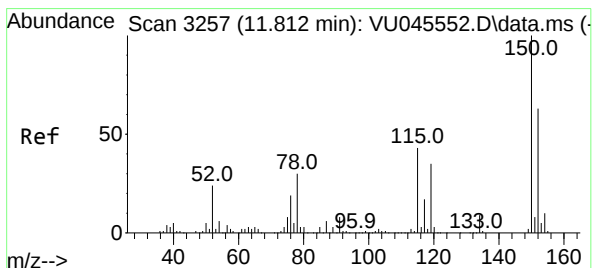
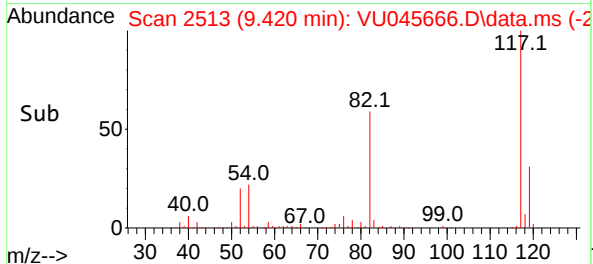
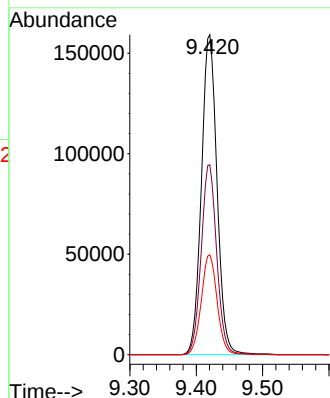
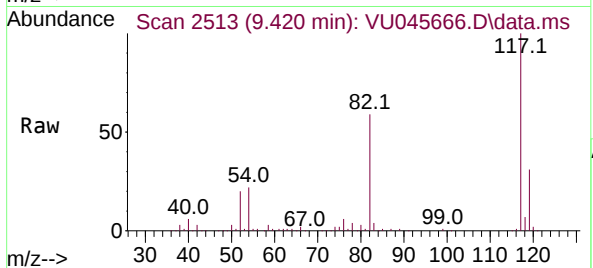




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Instrument :
MSVOA_U
ClientSampleId :
29BR-20211108

Tgt Ion:117 Resp: 260577
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045666.D
Acq: 09 Nov 2021 18:14

Tgt Ion:152 Resp: 131797
Ion Ratio Lower Upper
152 100
115 61.6 42.7 128.1
150 156.5 0.0 346.8

