

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045940.D
 Acq On : 23 Nov 2021 02:08
 Operator : SY/MD
 Sample : M4775-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PK-10D-20211118

Quant Time: Nov 23 06:51:28 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)

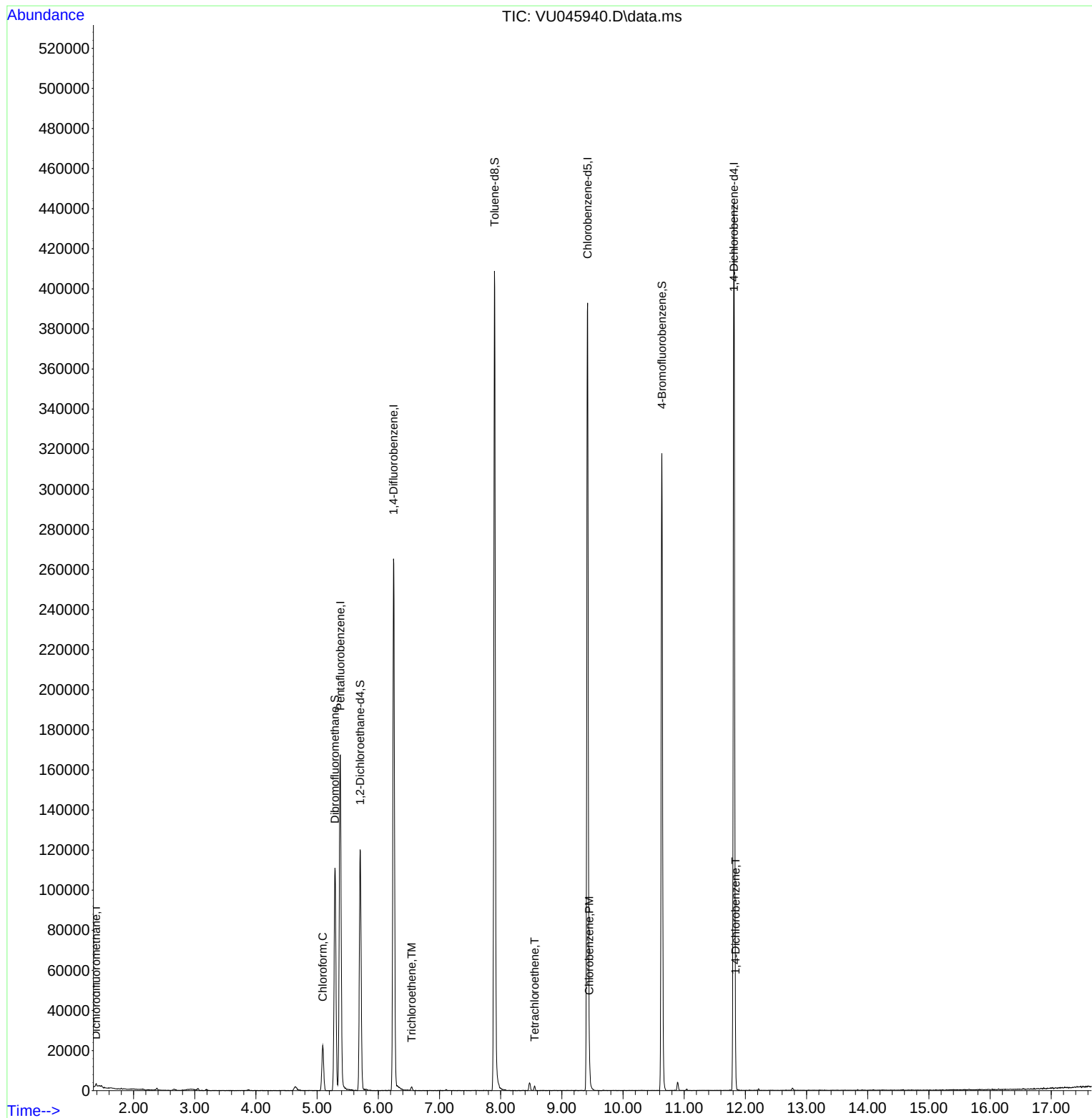
Internal Standards						
1) Pentafluorobenzene	5.379	168	117436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	213624	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	113895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	90037	51.19	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.38%	
35) Dibromofluoromethane	5.292	113	71284	49.98	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.96%	
50) Toluene-d8	7.899	98	278612	52.53	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.06%	
62) 4-Bromofluorobenzene	10.636	95	108628	51.08	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	517	0.34	ug/l	93
30) Chloroform	5.092	83	19611	7.35	ug/l	98
44) Trichloroethene	6.546	130	627	0.42	ug/l	82
64) Tetrachloroethene	8.555	164	514	0.40	ug/l	84
65) Chlorobenzene	9.449	112	4346	0.98	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	1627	0.44	ug/l #	68

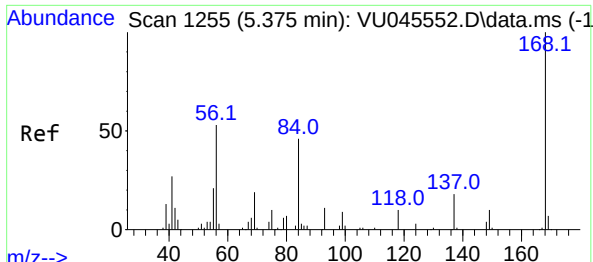
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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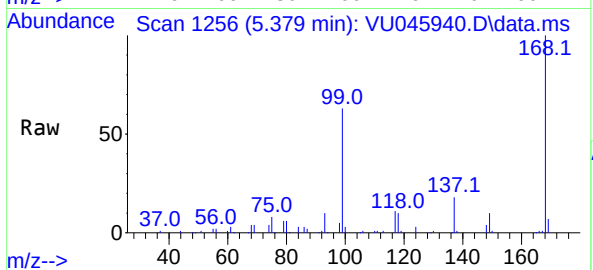
Quant Time: Nov 23 06:51:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



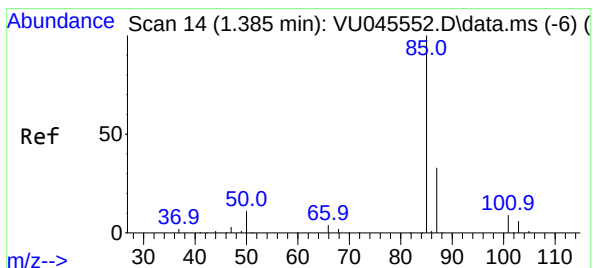
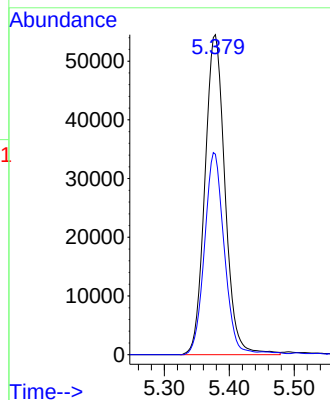
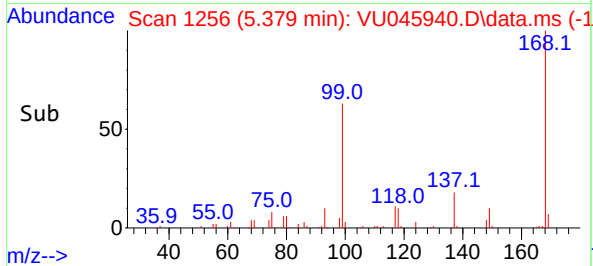


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Instrument :
MSVOA_U
ClientSampleId :
PK-10D-20211118

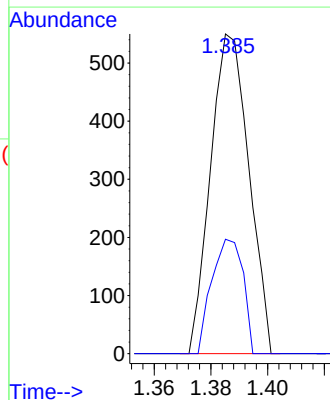
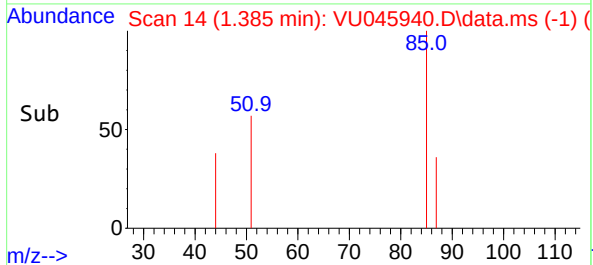
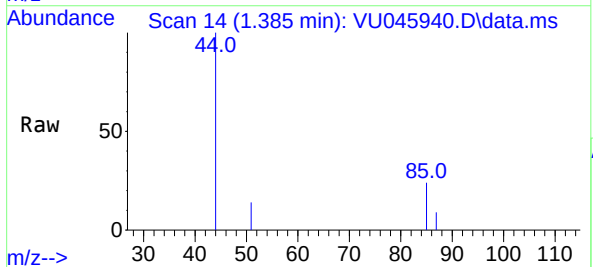


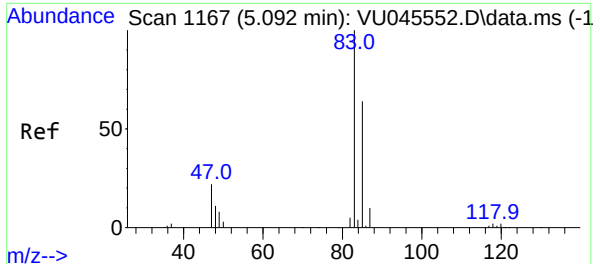
Tgt Ion:168 Resp: 117436
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 0.34 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Tgt Ion: 85 Resp: 517
Ion Ratio Lower Upper
85 100
87 35.8 15.9 47.7





#30

Chloroform

Concen: 7.35 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045940.D

Acq: 23 Nov 2021 02:08

Instrument :

MSVOA_U

ClientSampleId :

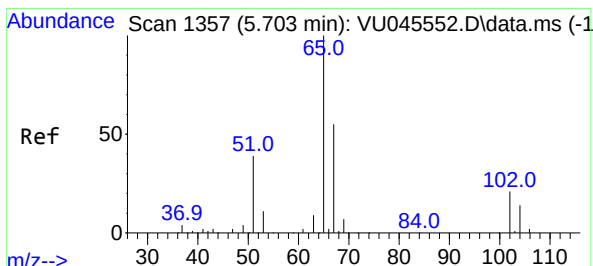
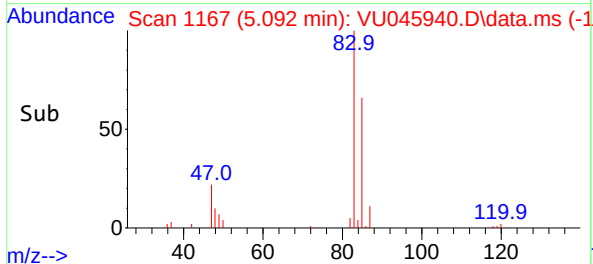
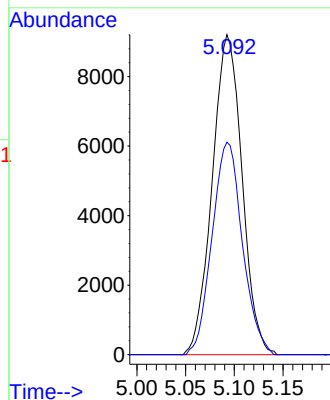
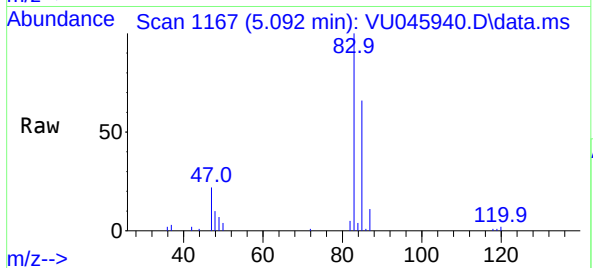
PK-10D-20211118

Tgt Ion: 83 Resp: 19611

Ion Ratio Lower Upper

83 100

85 66.4 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 51.19 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045940.D

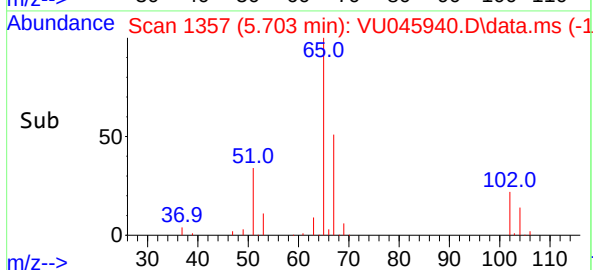
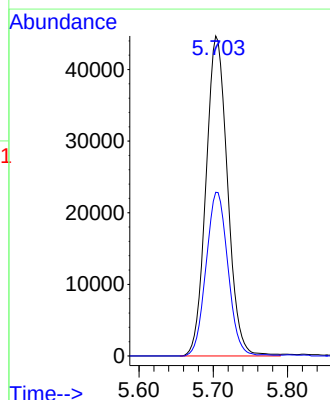
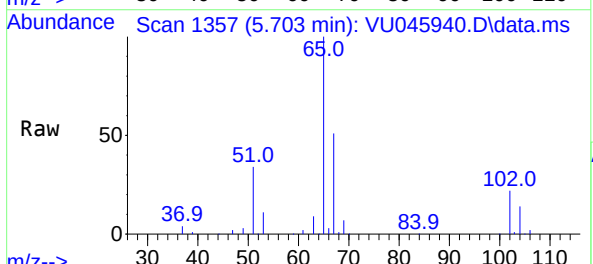
Acq: 23 Nov 2021 02:08

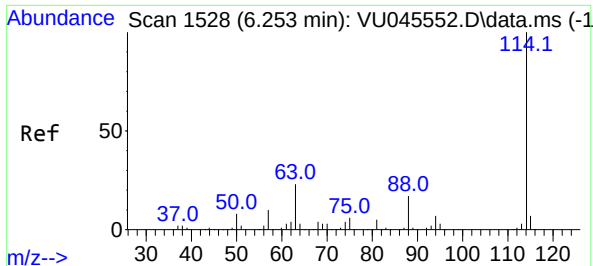
Tgt Ion: 65 Resp: 90037

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045940.D

Acq: 23 Nov 2021 02:08

Instrument :

MSVOA_U

ClientSampleId :

PK-10D-20211118

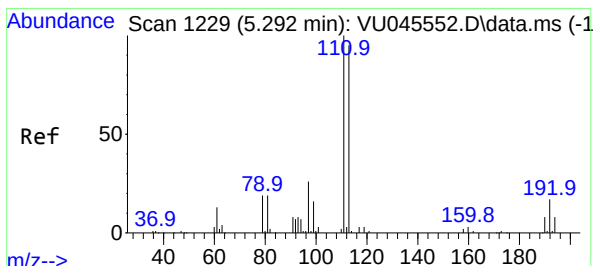
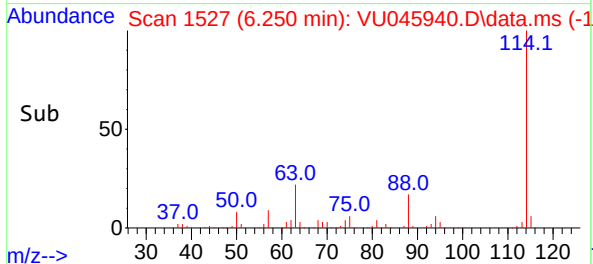
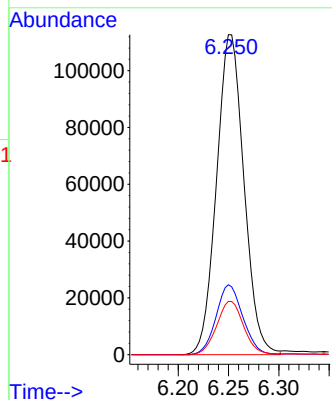
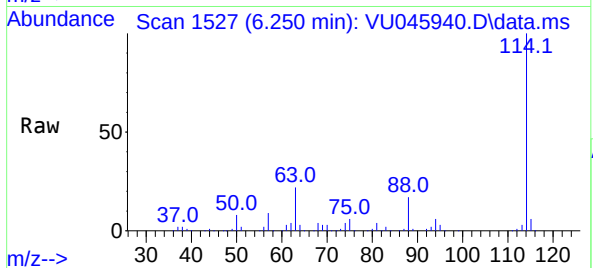
Tgt Ion:114 Resp: 213624

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.98 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045940.D

Acq: 23 Nov 2021 02:08

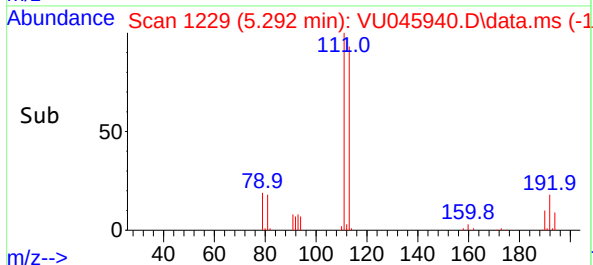
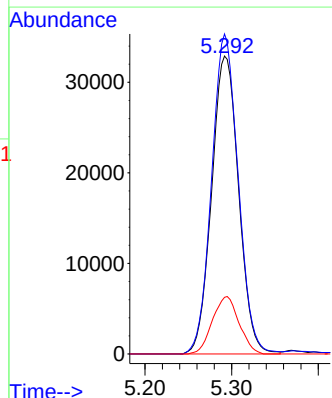
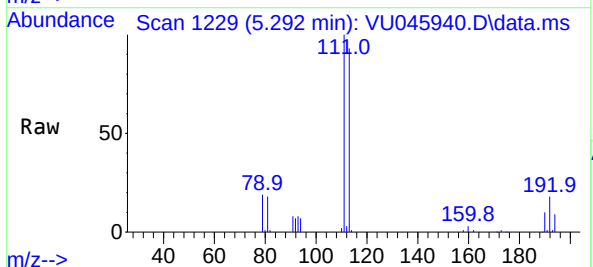
Tgt Ion:113 Resp: 71284

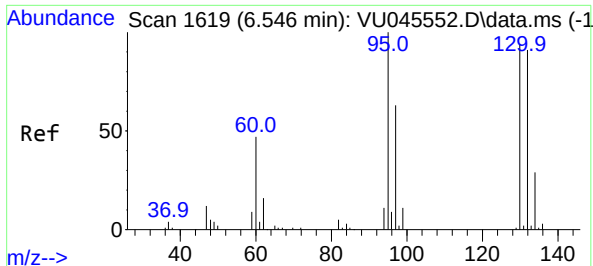
Ion Ratio Lower Upper

113 100

111 105.5 82.8 124.2

192 19.0 14.8 22.2

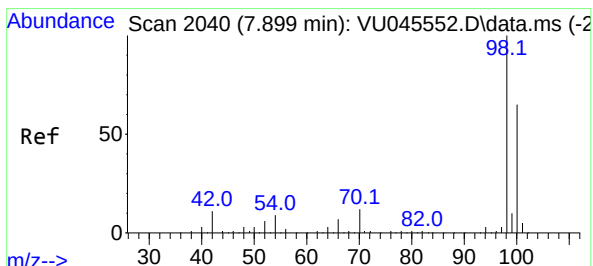
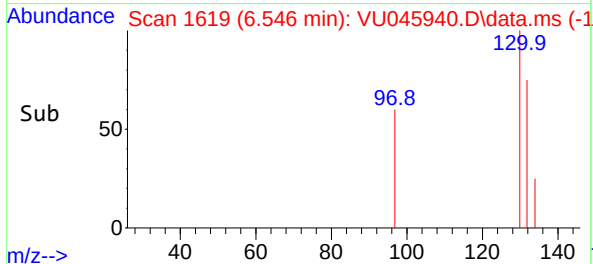
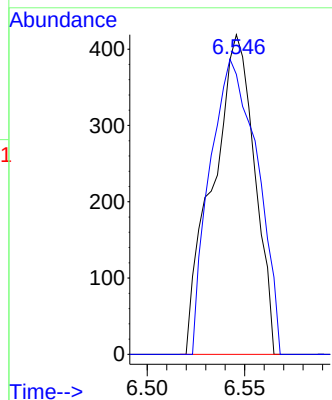
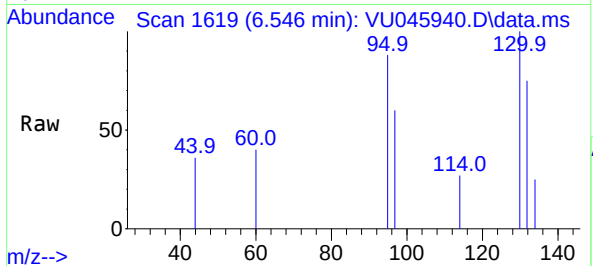




#44
Trichloroethene
Concen: 0.42 ug/l
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

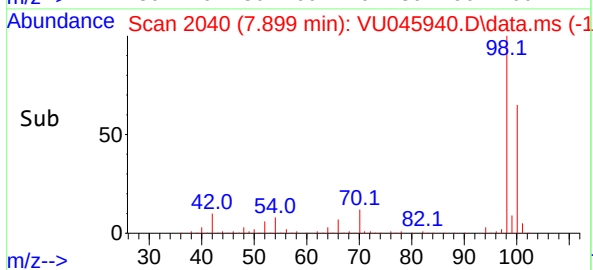
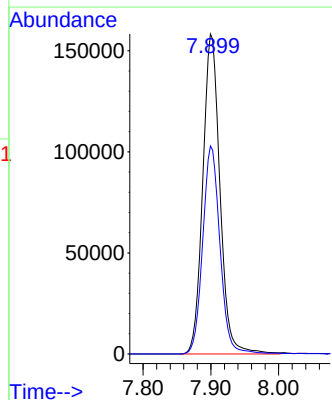
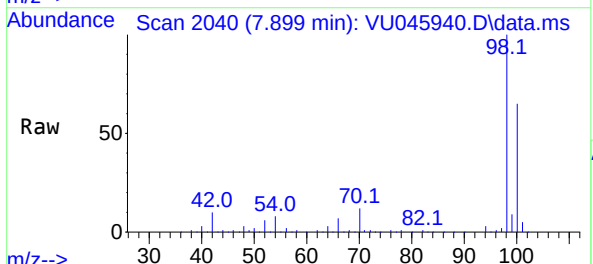
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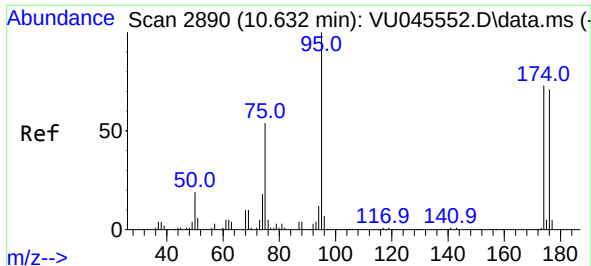
Tgt Ion:130 Resp: 627
Ion Ratio Lower Upper
130 100
95 87.6 0.0 211.4



#50
Toluene-d8
Concen: 52.53 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Tgt Ion: 98 Resp: 278612
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

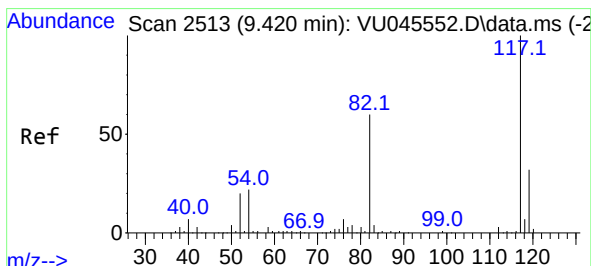
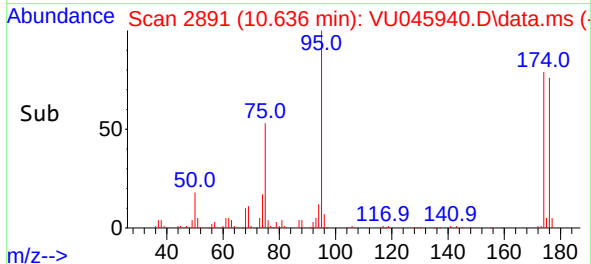
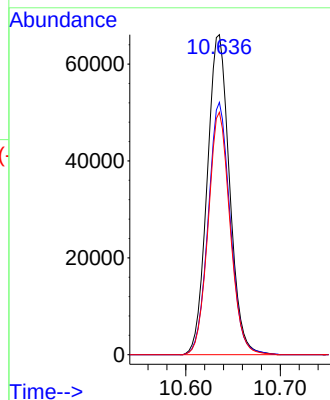
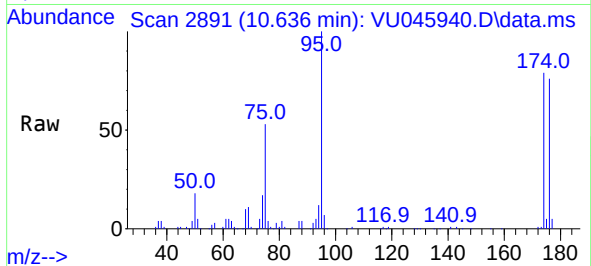




#62
4-Bromofluorobenzene
Concen: 51.08 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

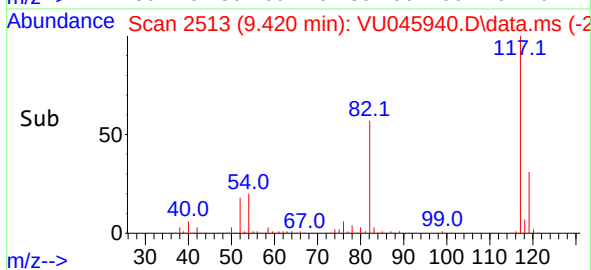
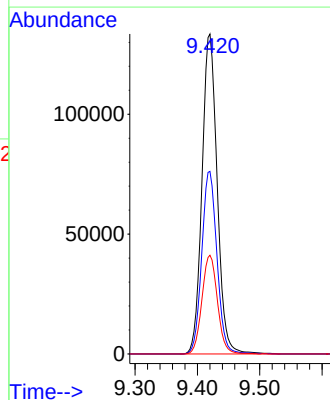
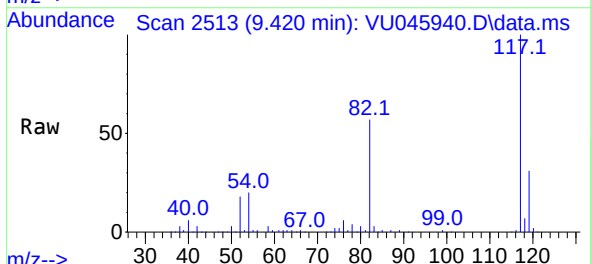
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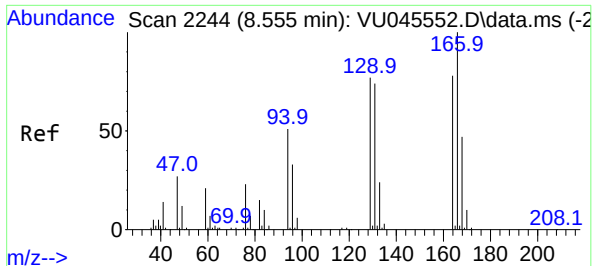
Tgt Ion: 95 Resp: 108628
Ion Ratio Lower Upper
95 100
174 77.6 0.0 141.8
176 74.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

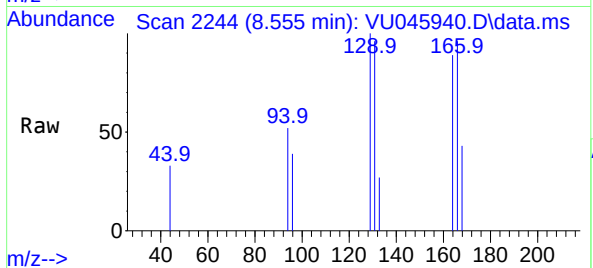
Tgt Ion: 117 Resp: 226364
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.8
119 30.8 25.8 38.8





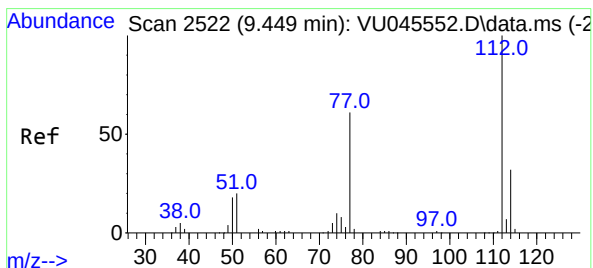
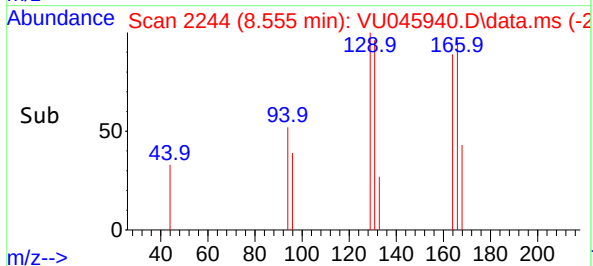
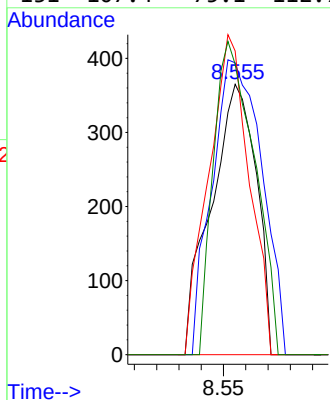
#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 8.555 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Instrument :
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Tgt Ion:164 Resp: 514

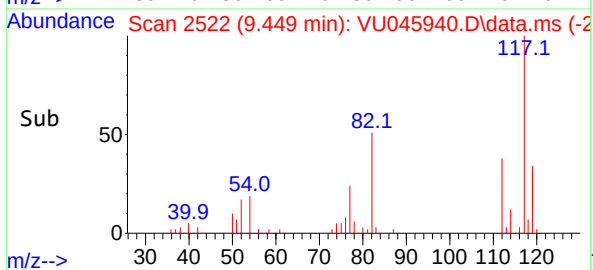
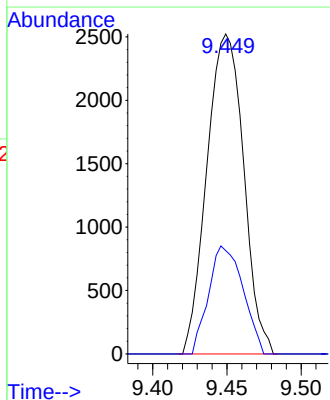
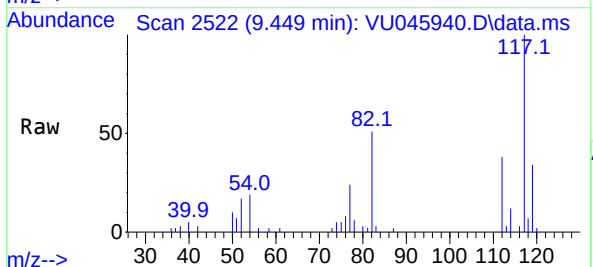
Ion	Ratio	Lower	Upper
164	100		
166	107.9	102.2	153.4
129	112.3	78.2	117.4
131	107.4	75.1	112.7

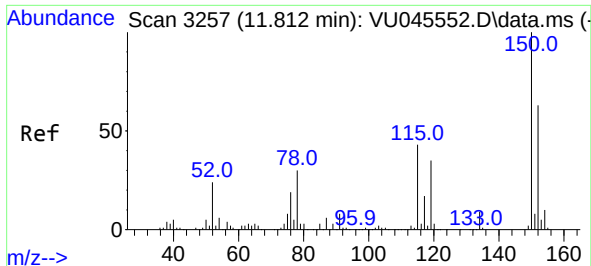


#65
Chlorobenzene
Concen: 0.98 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Tgt Ion:112 Resp: 4346

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

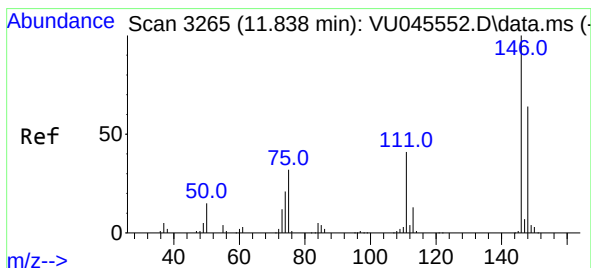
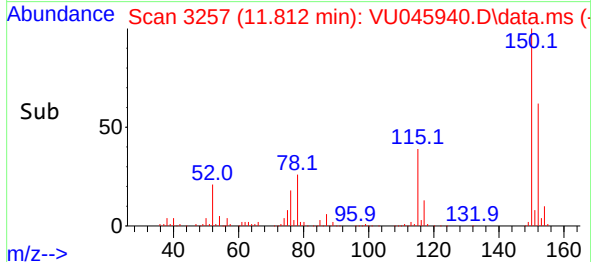
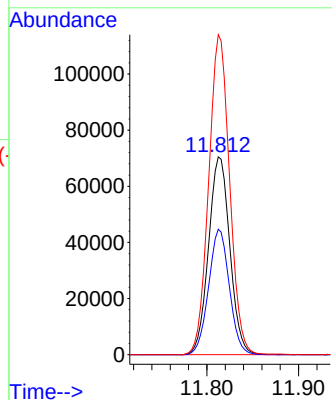
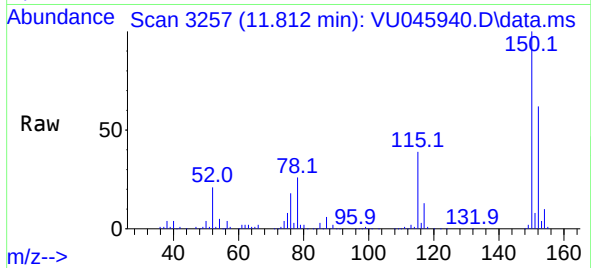




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 113895
Ion Ratio Lower Upper
152 100
115 61.6 42.7 128.1
150 158.4 0.0 346.8



#88
1,4-Dichlorobenzene
Concen: 0.44 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045940.D
Acq: 23 Nov 2021 02:08

Tgt Ion:146 Resp: 1627
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.9#
148 71.5 31.9 95.7

