

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022221\
 Data File : VU042399.D
 Acq On : 22 Feb 2021 16:49
 Operator : SY/MD
 Sample : M1457-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 17:06:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

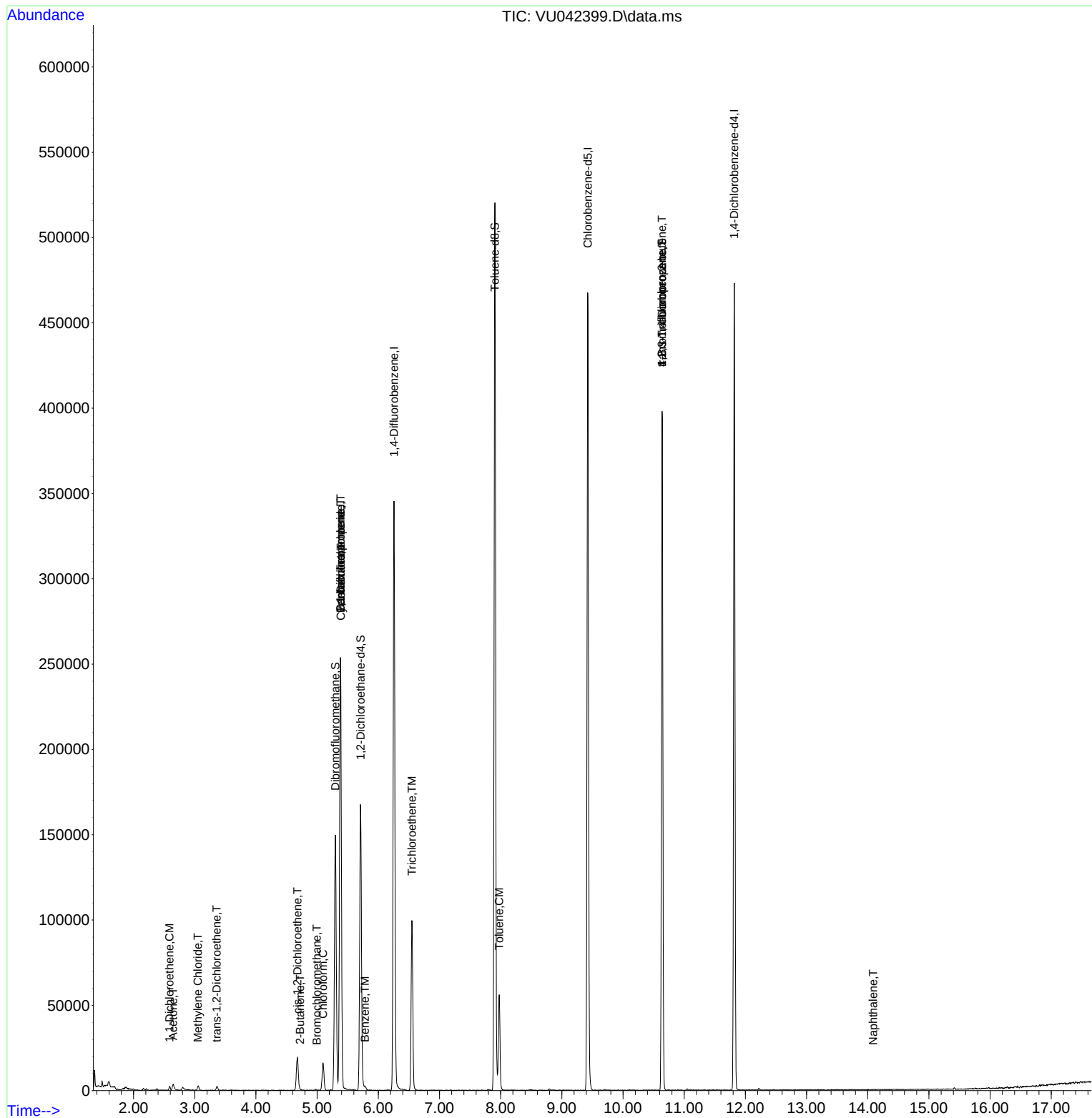
Internal Standards						
1) Pentafluorobenzene	5.382	168	180476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	271714	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	240369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	115952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	131321	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.298	113	92491	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	7.906	98	330815	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	10.639	95	119973	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.588	96	843	0.51	ug/l	90
16) Acetone	2.646	43	5300	3.12	ug/l	98
20) Methylene Chloride	3.047	84	1151	0.59	ug/l #	87
21) trans-1,2-Dichloroethene	3.359	96	860	0.48	ug/l #	89
25) 2-Butanone	4.723	43	972	0.43	ug/l #	54
27) cis-1,2-Dichloroethene	4.678	96	9595	4.64	ug/l	89
28) Bromochloromethane	4.993	49	467	0.25	ug/l #	91
30) Chloroform	5.096	83	13650	3.70	ug/l	92
31) Cyclohexane	5.385	56	4079	1.14	ug/l #	12
36) 1,1-Dichloropropene	5.382	75	14274	5.31	ug/l #	50
38) Carbon Tetrachloride	5.382	117	17815	6.20	ug/l #	17
40) Benzene	5.780	78	1515	0.20	ug/l	96
44) Trichloroethene	6.549	130	31695	15.76	ug/l	94
52) Toluene	7.976	92	20847	4.47	ug/l	98
76) 1,2,3-Trichloropropane	10.639	75	67784	23.64	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	67784	64.28	ug/l #	7
95) Naphthalene	14.089	128	393	2.26	ug/l #	69

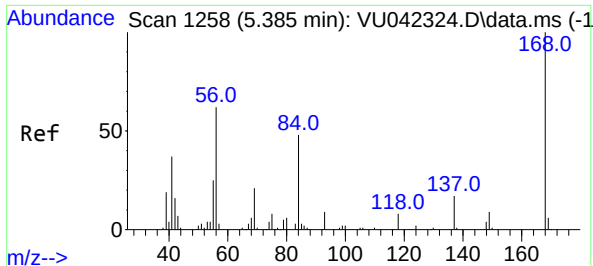
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
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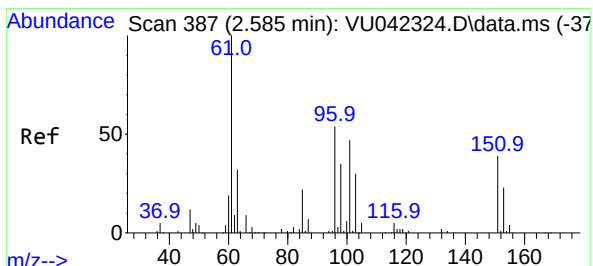
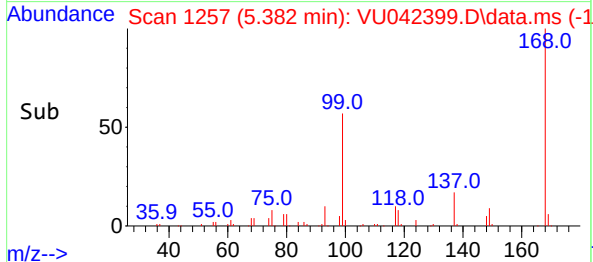
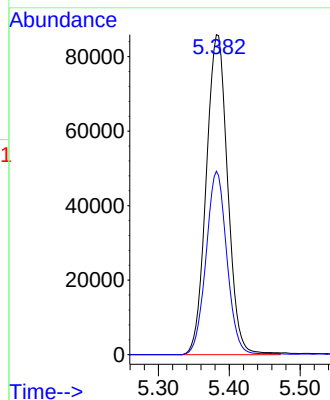
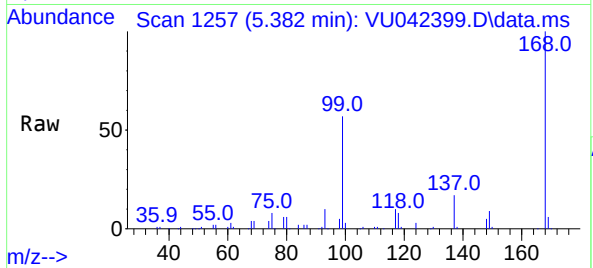




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

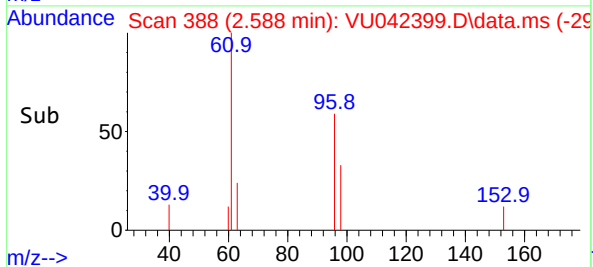
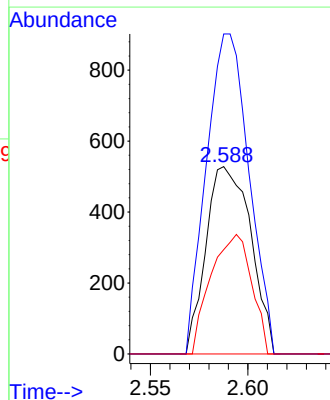
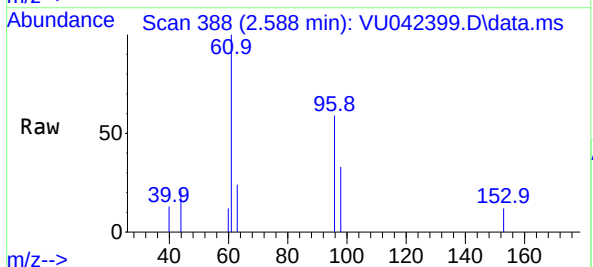
Instrument :
MSVOA_U
ClientSampleId :

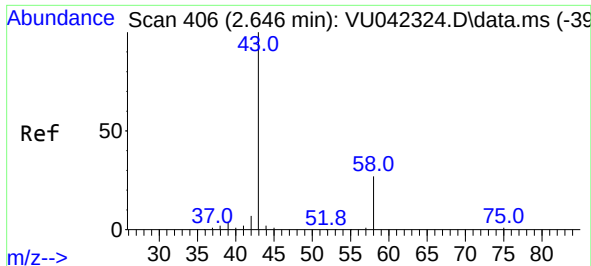
Tgt Ion:168 Resp: 180476
Ion Ratio Lower Upper
168 100
99 57.3 45.0 67.4



#12
1,1-Dichloroethene
Concen: 0.51 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 96 Resp: 843
Ion Ratio Lower Upper
96 100
61 170.8 147.4 221.0
98 55.7 51.4 77.2

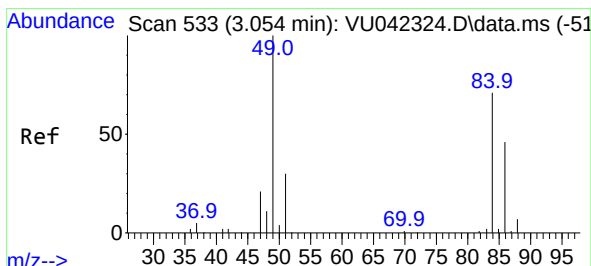
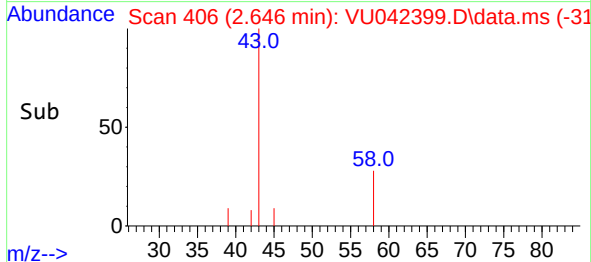
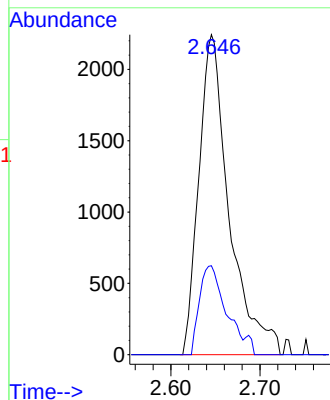
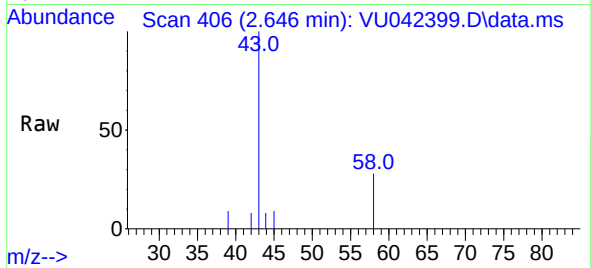




#16
Acetone
Concen: 3.12 ug/l
RT: 2.646 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

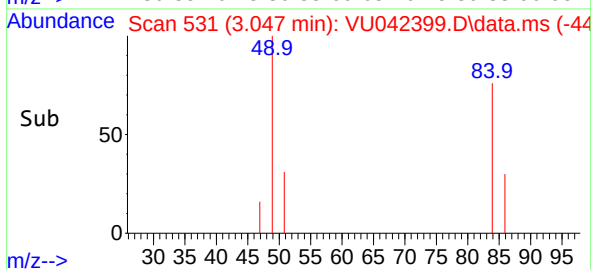
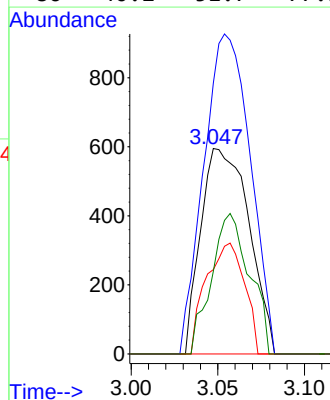
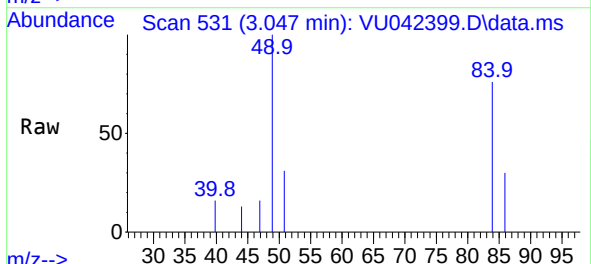
Instrument :
MSVOA_U
ClientSampled :

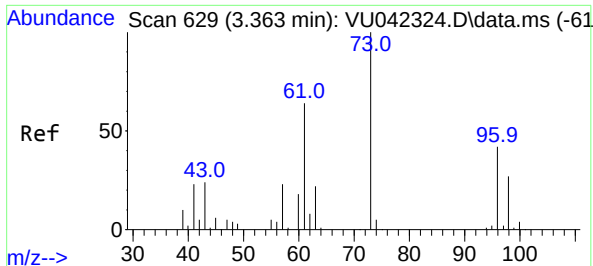
Tgt Ion: 43 Resp: 5300
Ion Ratio Lower Upper
43 100
58 27.8 21.5 32.3



#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.007 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 84 Resp: 1151
Ion Ratio Lower Upper
84 100
49 131.8 112.6 169.0
51 41.0 33.7 50.5
86 40.2 51.7 77.5#

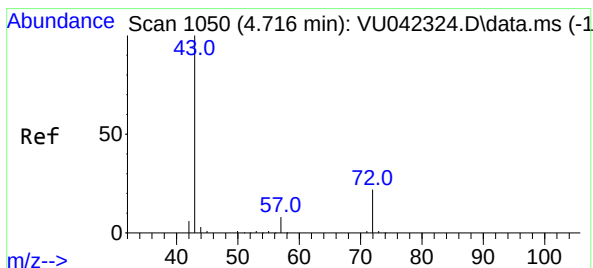
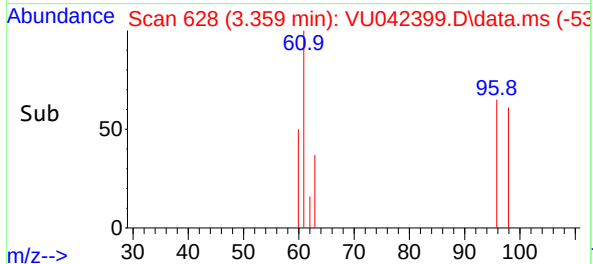
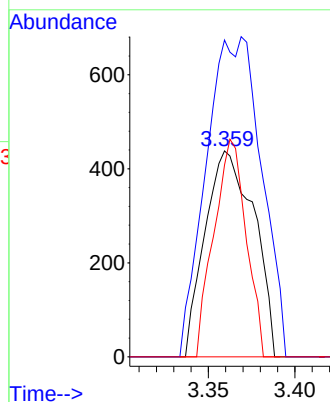
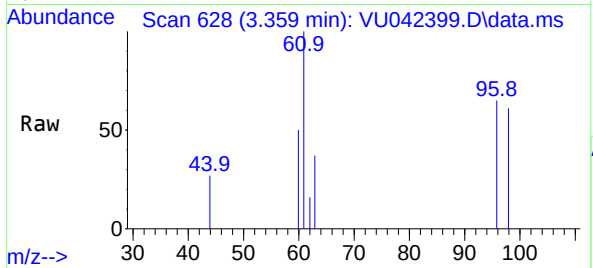




#21
trans-1,2-Dichloroethene
Concen: 0.48 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

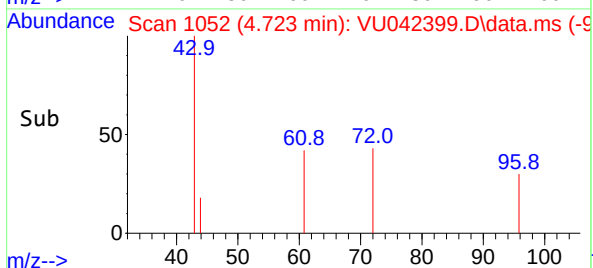
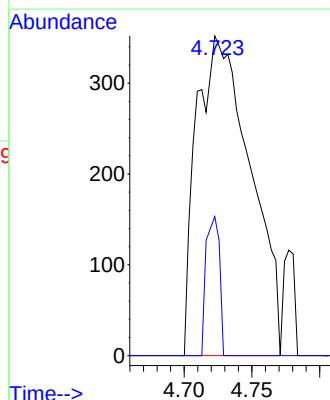
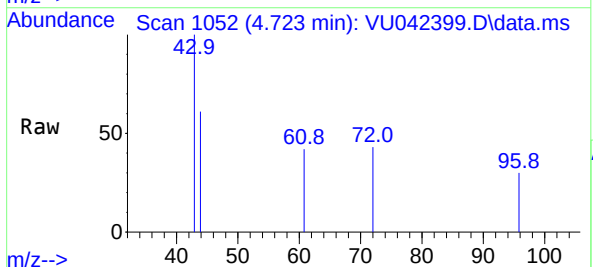
Instrument :
MSVOA_U
ClientSampleId :

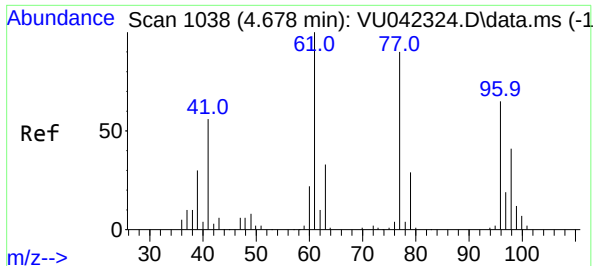
Tgt Ion: 96 Resp: 860
Ion Ratio Lower Upper
96 100
61 153.9 122.4 183.6
98 93.2 51.9 77.9#



#25
2-Butanone
Concen: 0.43 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
72 43.5 17.4 26.0#



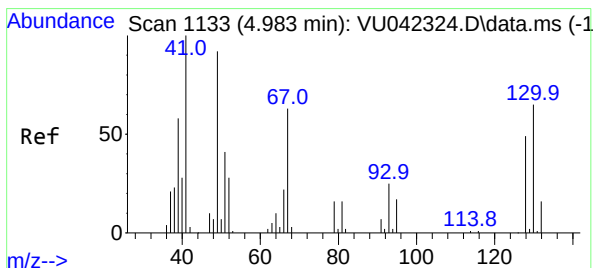
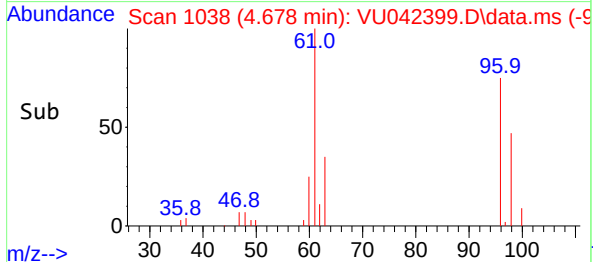
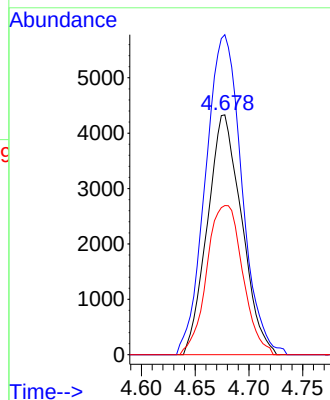
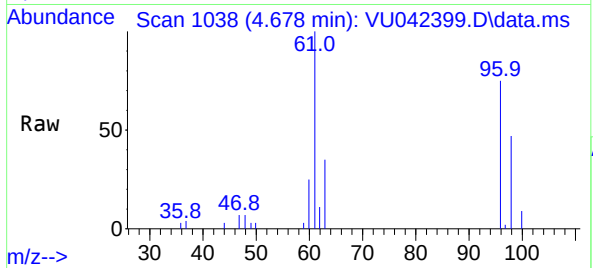


#27
cis-1,2-Dichloroethene
Concen: 4.64 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 96 Resp: 9595

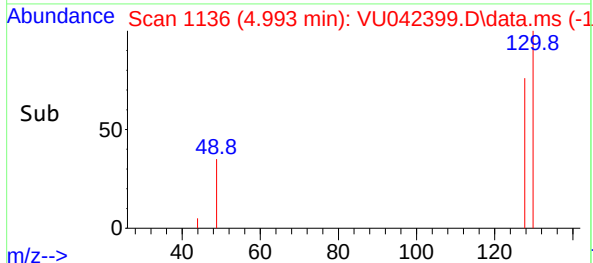
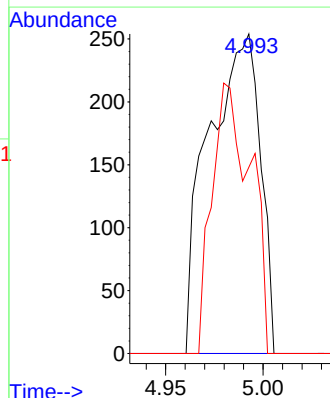
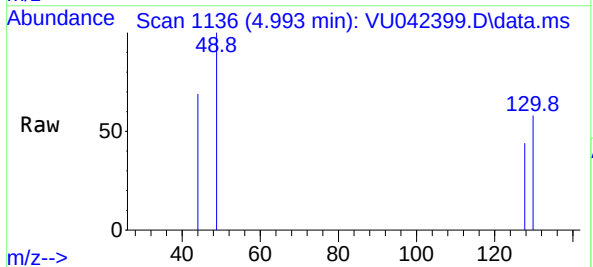
Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	322.2
98	65.2	0.0	128.6

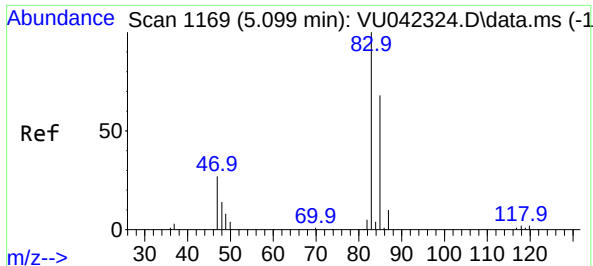


#28
Bromochloromethane
Concen: 0.25 ug/l
RT: 4.993 min Scan# 1136
Delta R.T. 0.010 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 49 Resp: 467

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	63.6	57.1	85.7



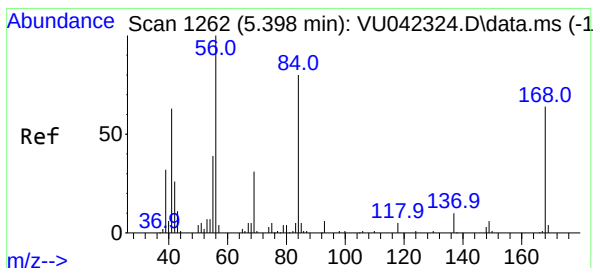
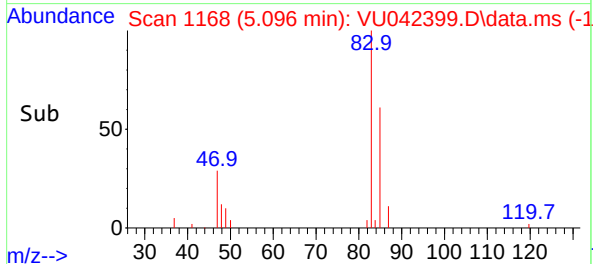
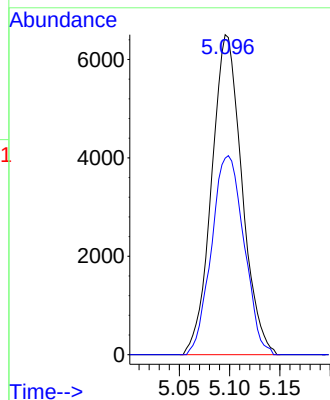
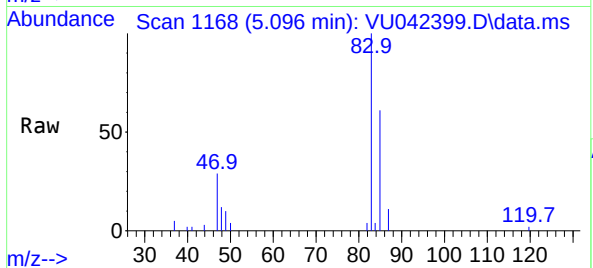


#30

Chloroform
Concen: 3.70 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Instrument :
MSVOA_U
ClientSampled :

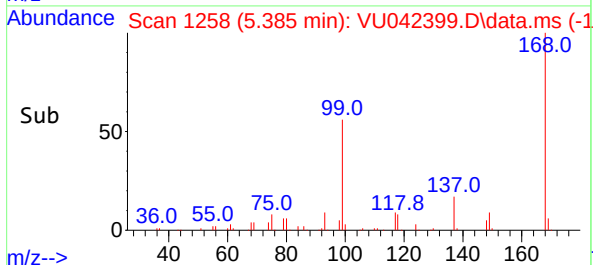
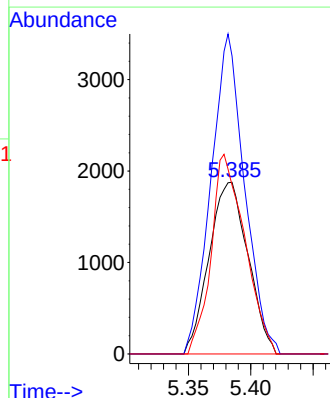
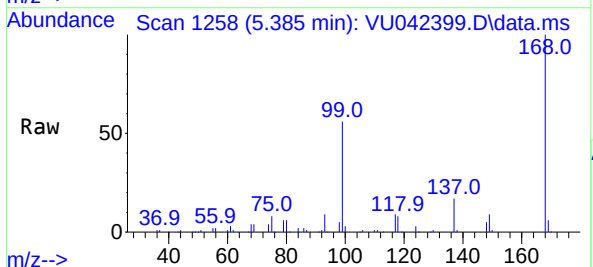
Tgt Ion: 83 Resp: 13650
Ion Ratio Lower Upper
83 100
85 61.4 54.6 81.8

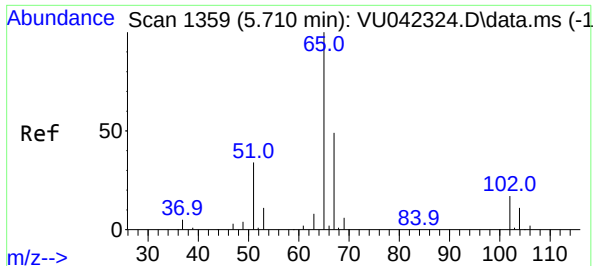


#31

Cyclohexane
Concen: 1.14 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 56 Resp: 4079
Ion Ratio Lower Upper
56 100
69 173.6 24.9 37.3#
84 98.3 63.7 95.5#

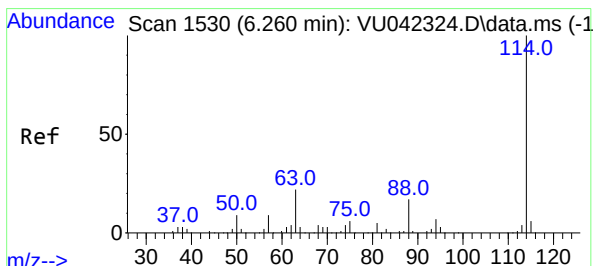
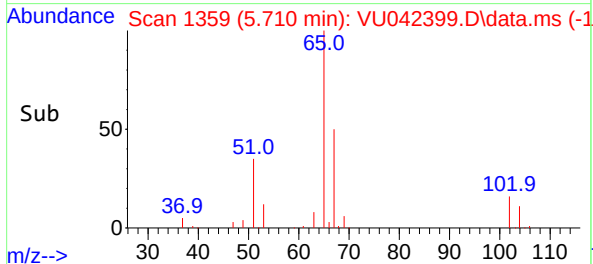
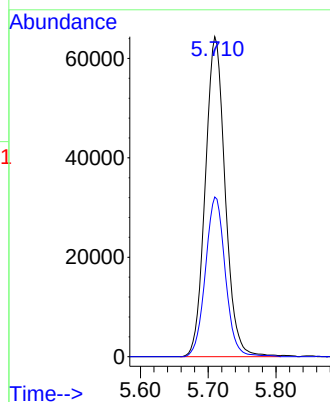
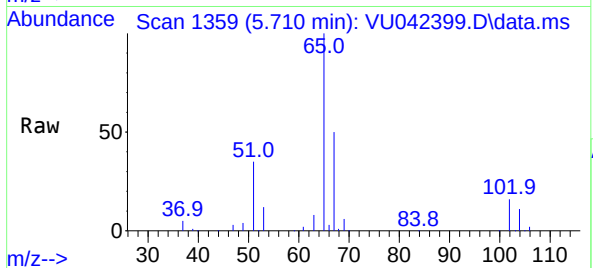




#33
1,2-Dichloroethane-d4
Concen: 47.98 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

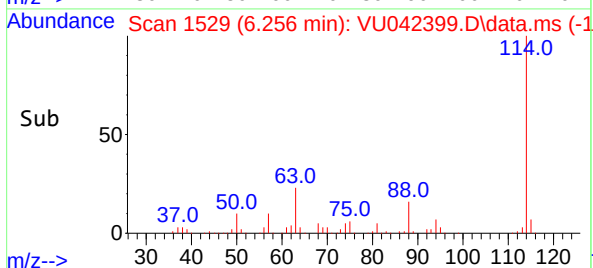
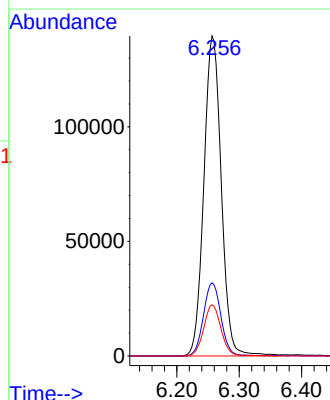
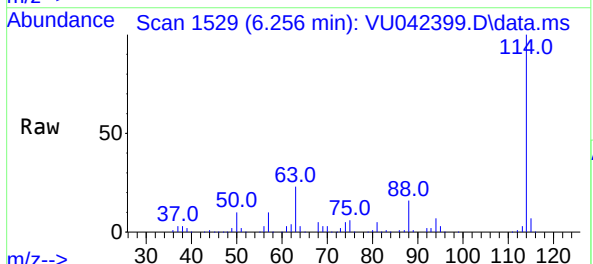
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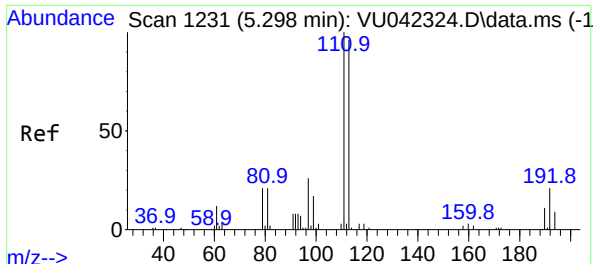
Tgt Ion: 65 Resp: 131321
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion:114 Resp: 271714
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.2
88 16.0 0.0 33.4



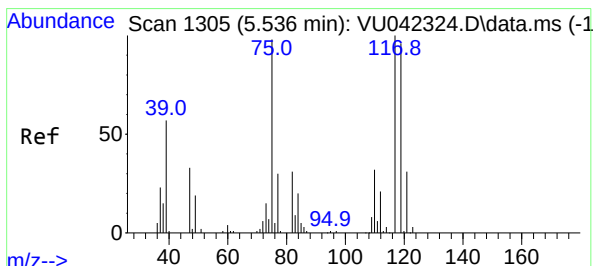
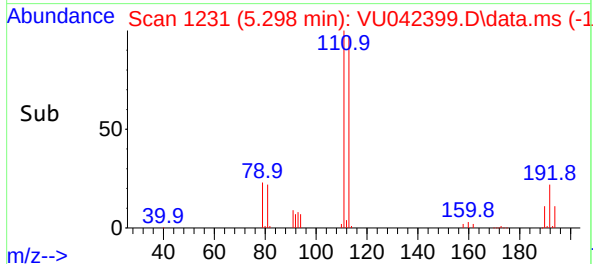
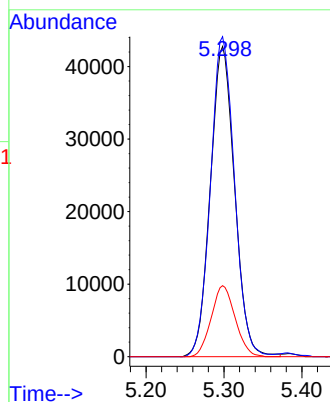
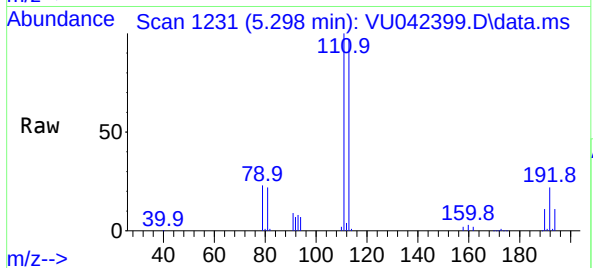


#35

Dibromofluoromethane
Concen: 48.23 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Instrument :
MSVOA_U
ClientSampleId :

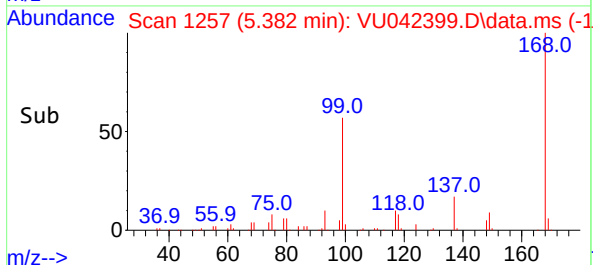
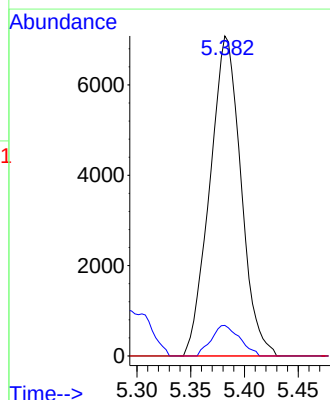
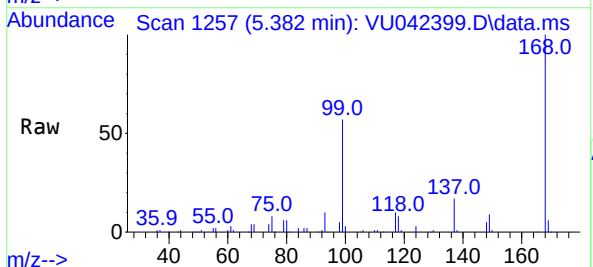
Tgt Ion:	113	Resp:	92491
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	22.6	17.2	25.8

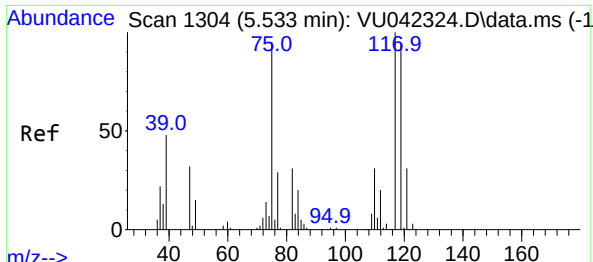


#36

1,1-Dichloropropene
Concen: 5.31 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

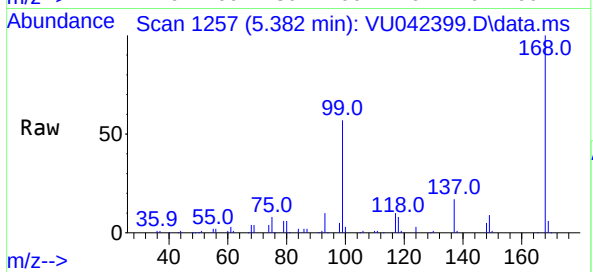
Tgt Ion:	75	Resp:	14274
Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.8	50.3#
77	0.0	24.8	37.2#



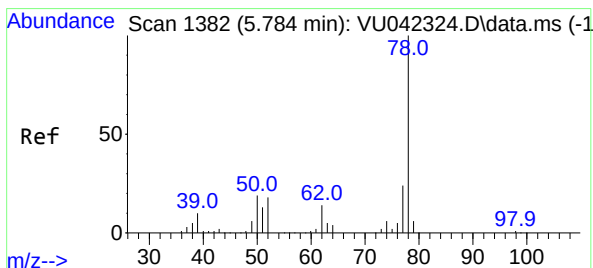
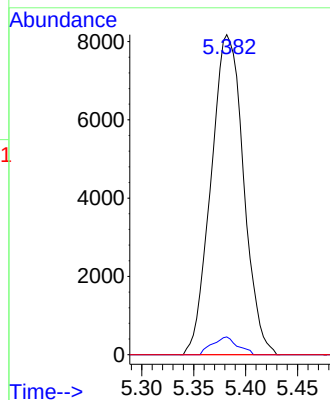
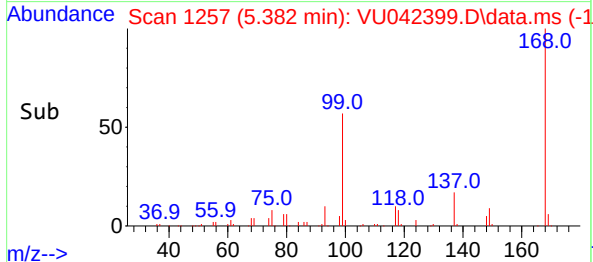


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

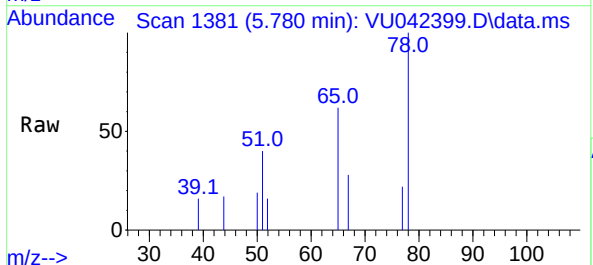
Instrument :
MSVOA_U
ClientSampleId :



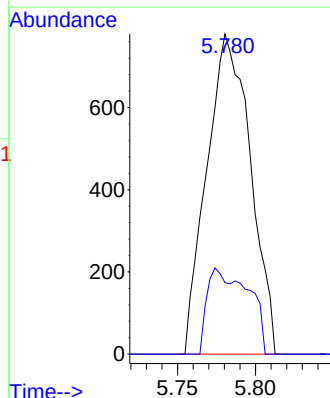
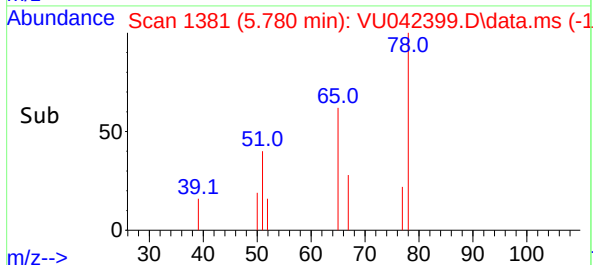
Tgt Ion:117 Resp: 17815
Ion Ratio Lower Upper
117 100
119 5.6 75.5 113.3#
121 0.0 24.7 37.1#

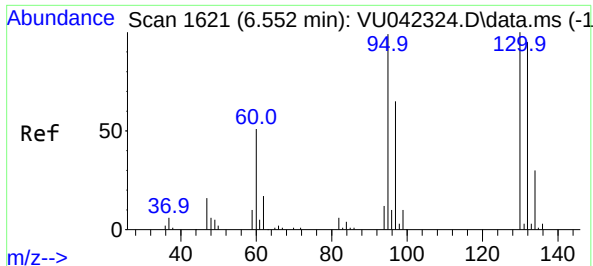


#40
Benzene
Concen: 0.20 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49



Tgt Ion: 78 Resp: 1515
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9

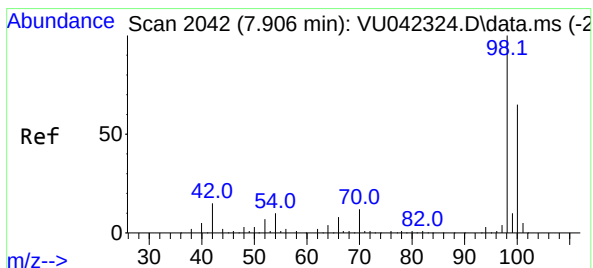
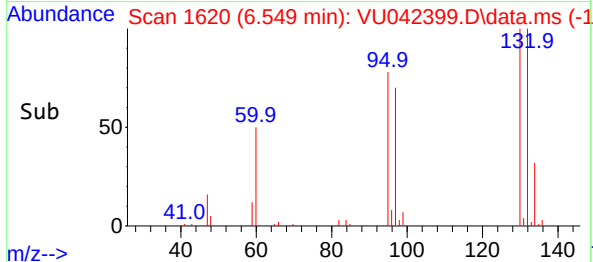
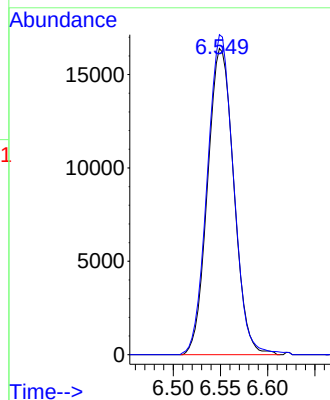
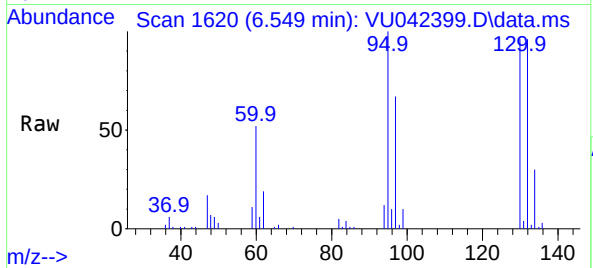




#44
Trichloroethene
Concen: 15.76 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

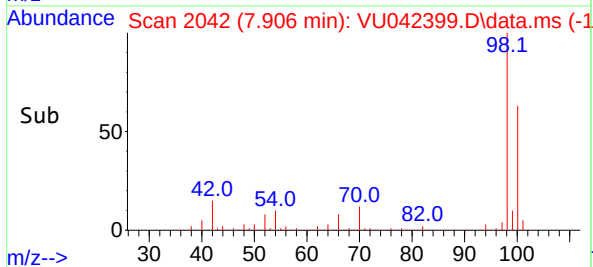
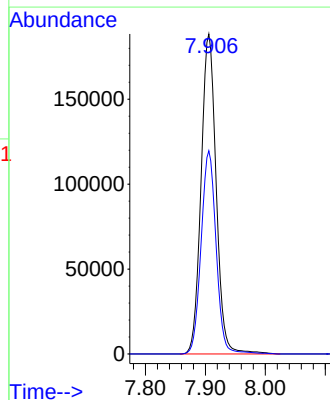
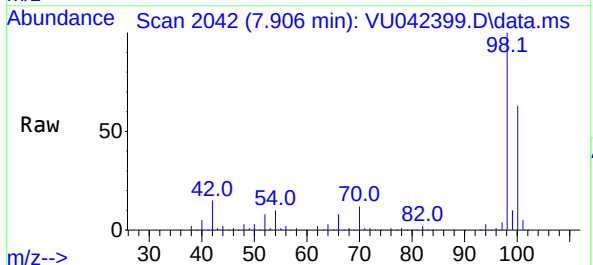
Instrument :
MSVOA_U
ClientSampleId :

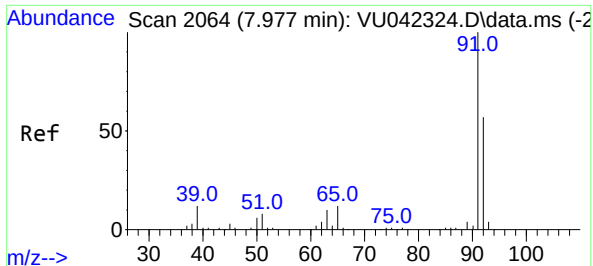
Tgt Ion:130 Resp: 31695
Ion Ratio Lower Upper
130 100
95 104.5 0.0 197.8



#50
Toluene-d8
Concen: 48.16 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 98 Resp: 330815
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

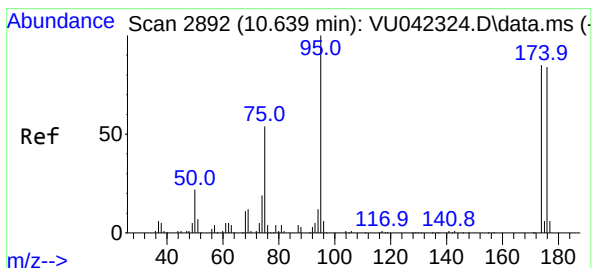
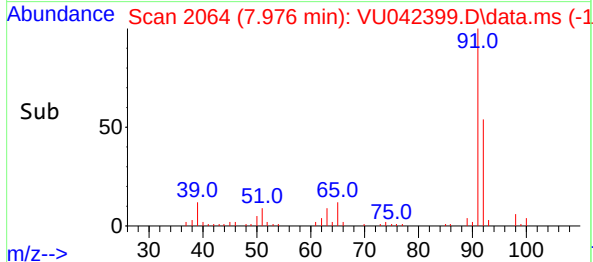
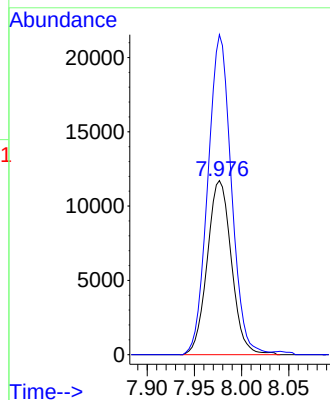
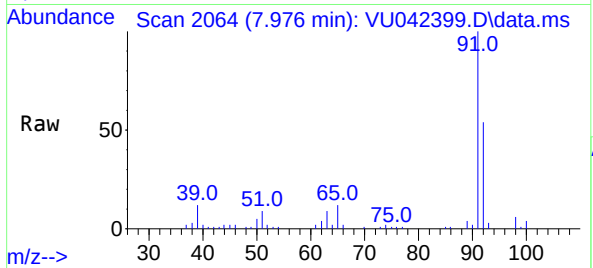




#52
Toluene
Concen: 4.47 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

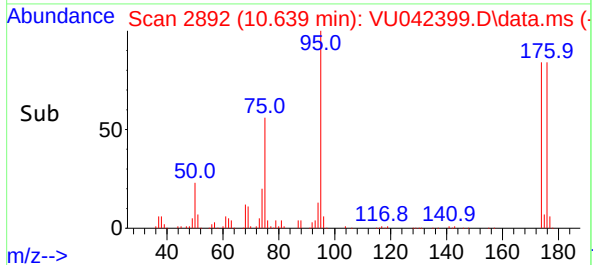
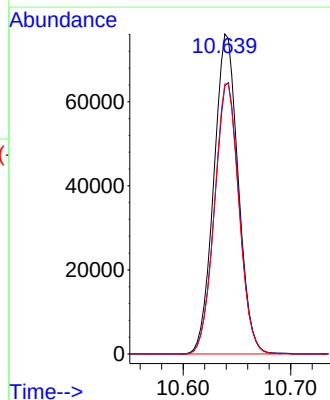
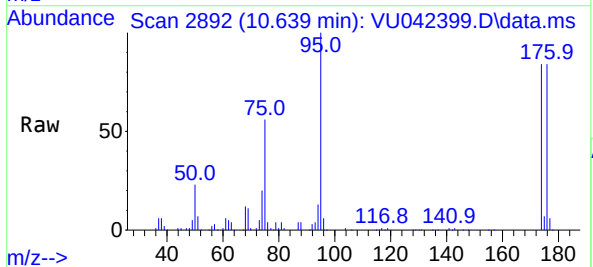
Instrument :
MSVOA_U
ClientSampled :

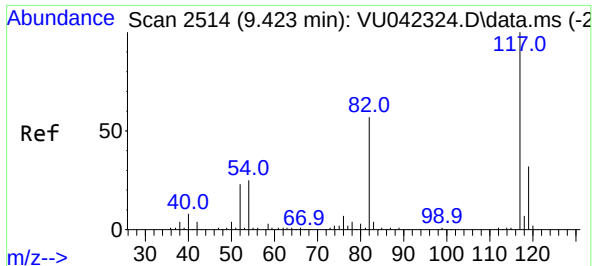
Tgt Ion: 92 Resp: 20847
Ion Ratio Lower Upper
92 100
91 178.9 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 44.32 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion: 95 Resp: 119973
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.2
176 85.1 0.0 168.8

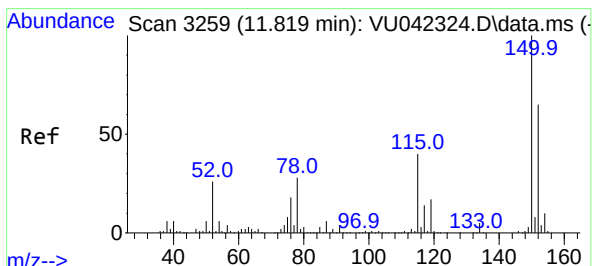
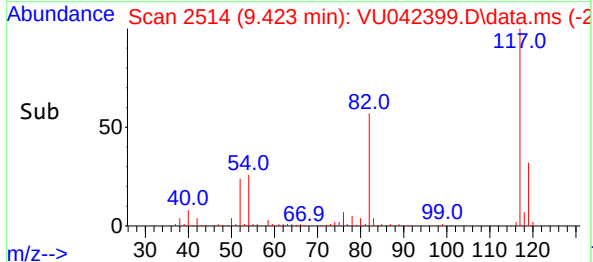
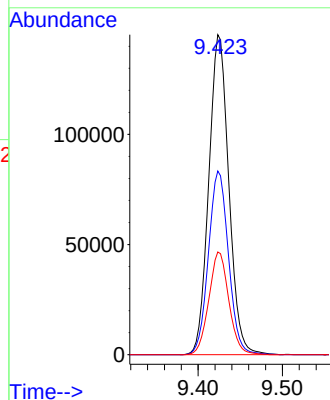
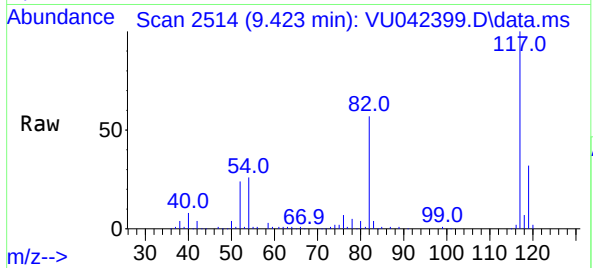




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

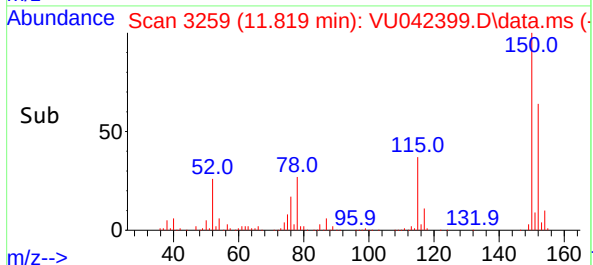
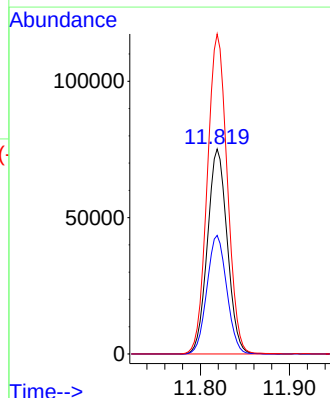
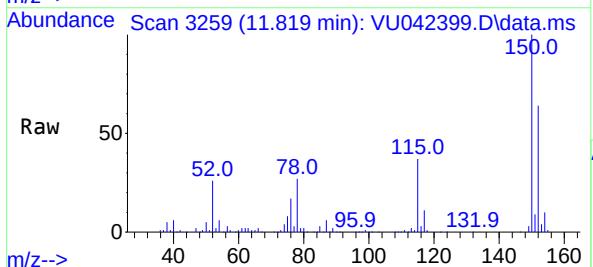
Instrument :
MSVOA_U
ClientSampleId :

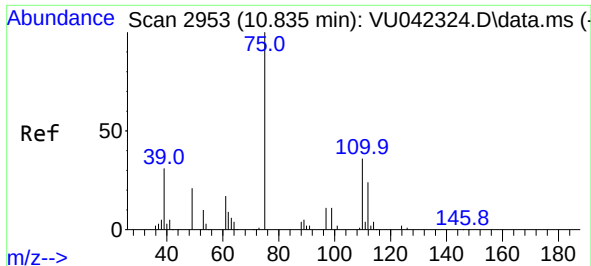
Tgt Ion:117 Resp: 240369
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Tgt Ion:152 Resp: 115952
Ion Ratio Lower Upper
152 100
115 57.9 41.5 124.6
150 157.2 0.0 342.4

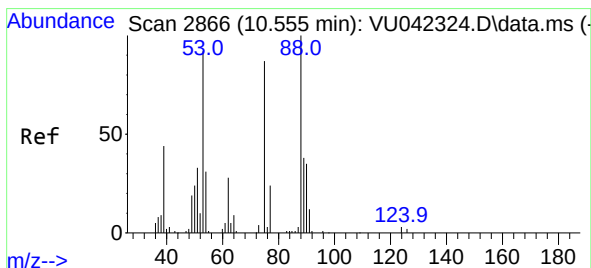
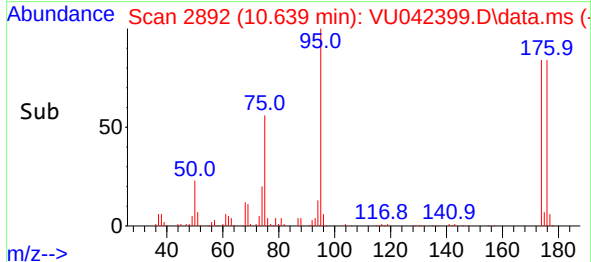
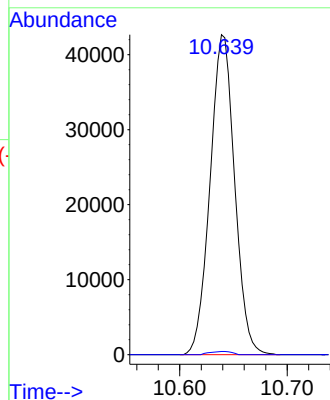
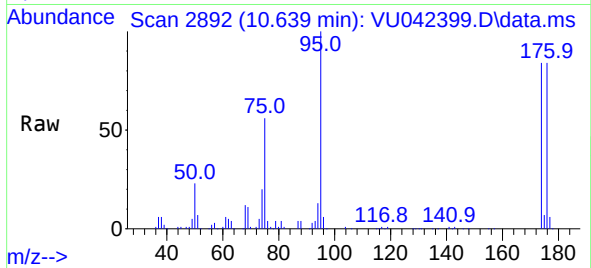




#76
1,2,3-Trichloropropane
Concen: 23.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

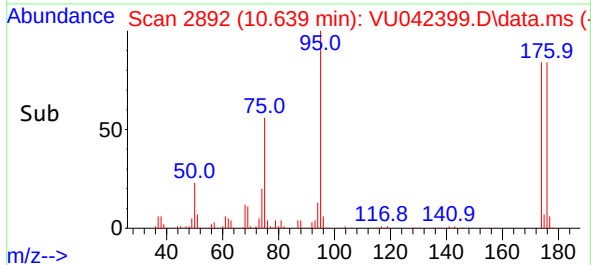
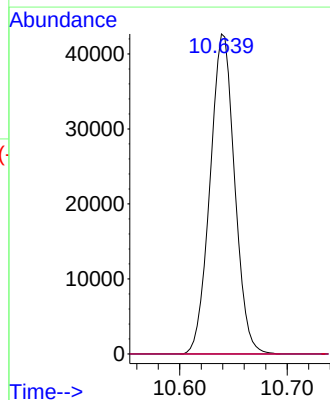
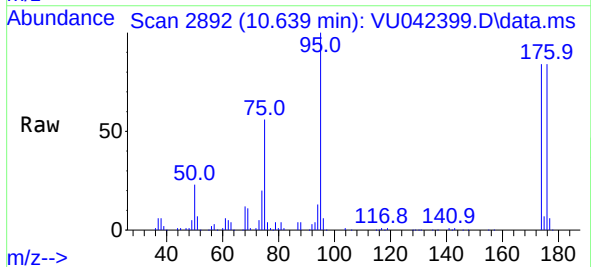
Instrument :
MSVOA_U
ClientSampled :

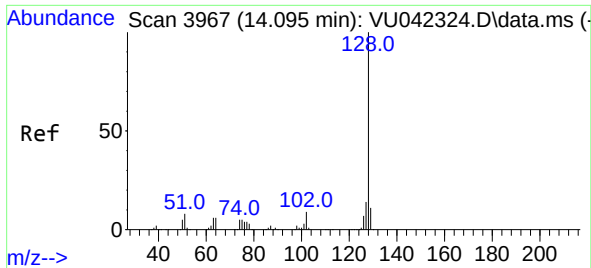
Tgt Ion: 75 Resp: 67784
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.28 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

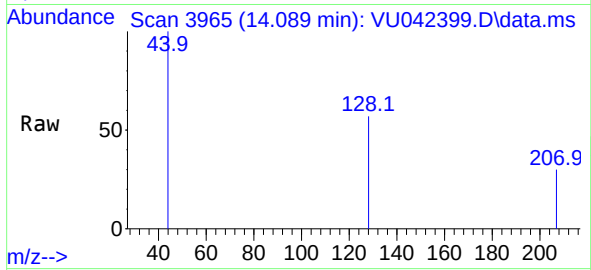
Tgt Ion: 75 Resp: 67784
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.26 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.006 min
Lab File: VU042399.D
Acq: 22 Feb 2021 16:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	393
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

