

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091721\
 Data File : VU044689.D
 Acq On : 17 Sep 2021 16:42
 Operator : SY/MD
 Sample : M3790-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:34:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 18 01:28:45 2021
 Response via : Initial Calibration

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

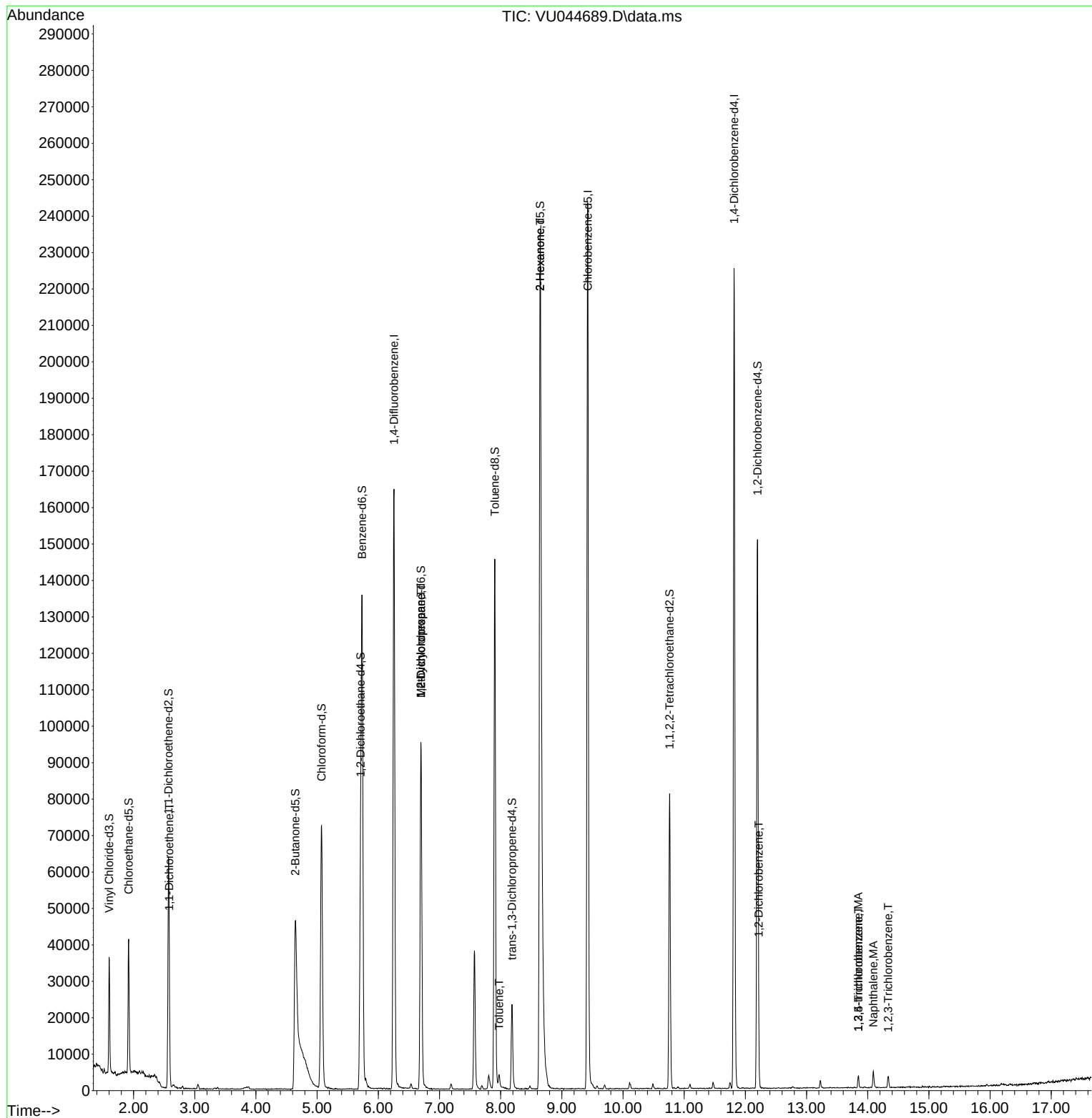
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	124834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	123929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	53821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21972	2.983	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.600%	
7) Chloroethane-d5	1.919	69	26161	3.480	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.600%	
11) 1,1-Dichloroethene-d2	2.572	65	12182	3.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	4.645	46	154878	50.160	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.320%	
24) Chloroform-d	5.073	84	64987	4.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.710	65	39368	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.735	84	119006	3.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.400%	
36) 1,2-Dichloropropane-d6	6.697	67	43044	4.148	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.906	98	92593	3.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.400%#	
43) trans-1,3-Dichloroprop...	8.186	79	13297	3.635	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.600%	
46) 2-Hexanone-d5	8.645	63	114413	48.664	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.320%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	40247	4.374	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	12.198	152	36488	4.109	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.200%	
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.584	96	669	0.083	ug/L #	1
35) Methylcyclohexane	6.697	83	9866	0.659	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4992	0.507	ug/L #	88
42) Toluene	7.977	91	2653	0.069	ug/L	92
48) 2-Hexanone	8.645	43	12752	2.233	ug/L #	67
67) 1,2-Dichlorobenzene	12.218	146	891	0.060	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.848	180	1113	0.093	ug/L	96
70) 1,2,4-trichlorobenzene	13.848	180	1113	0.110	ug/L	94
71) Naphthalene	14.092	128	4109	0.209	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.336	180	1203	0.130	ug/L #	60

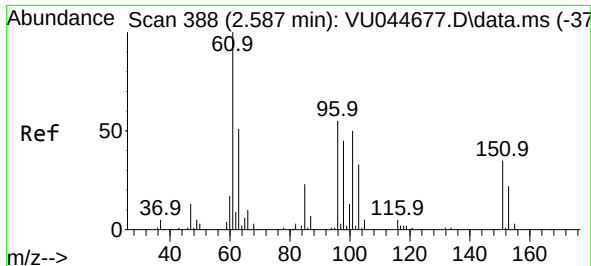
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

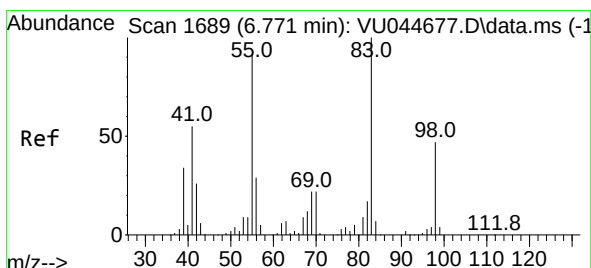
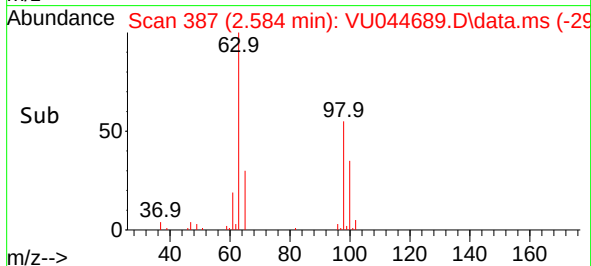
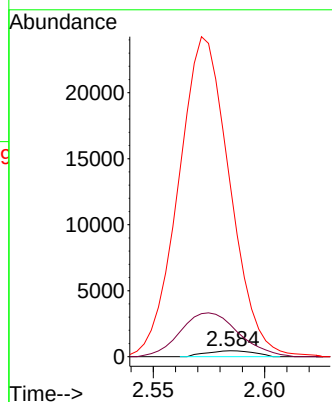
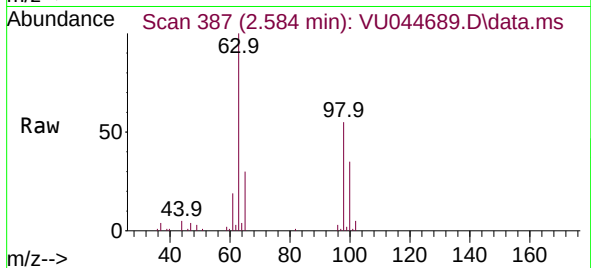
Lab File: VU044689.D

Acq: 17 Sep 2021 16:42

Tgt Ion: 96 Resp: 669

Ion	Ratio	Lower	Upper
96	100		
61	537.0	129.3	240.1#
63	2886.1	91.3	169.5#

Instrument :
MSVOA_U
ClientSampleId :



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.697 min Scan# 1666

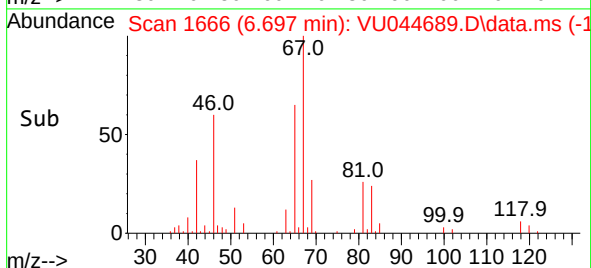
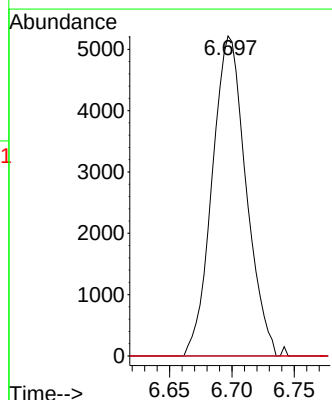
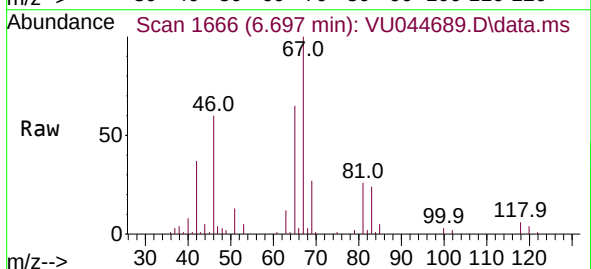
Delta R.T. -0.074 min

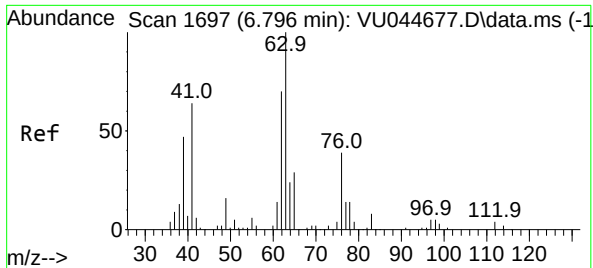
Lab File: VU044689.D

Acq: 17 Sep 2021 16:42

Tgt Ion: 83 Resp: 9866

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.3	102.5#
98	0.4	37.3	55.9#



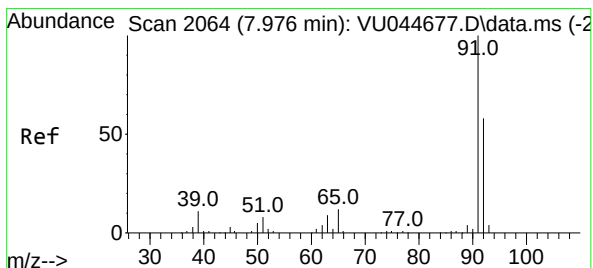
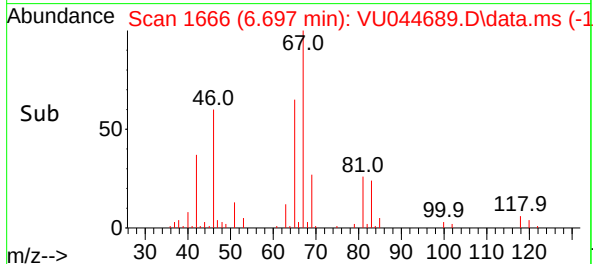
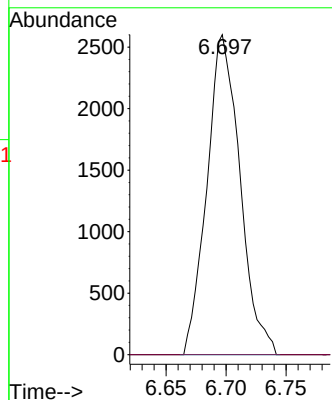
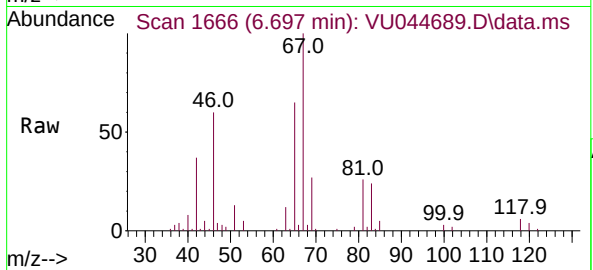


#37

1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.099 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

Instrument :
MSVOA_U
ClientSampled :

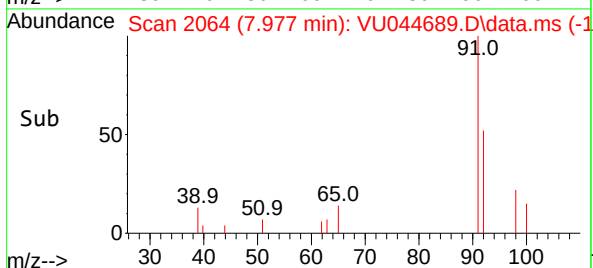
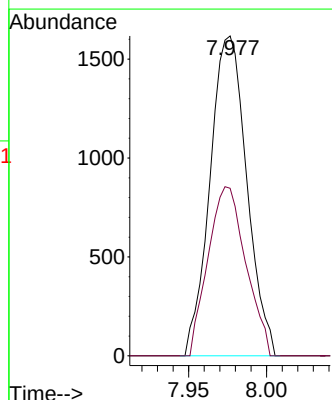
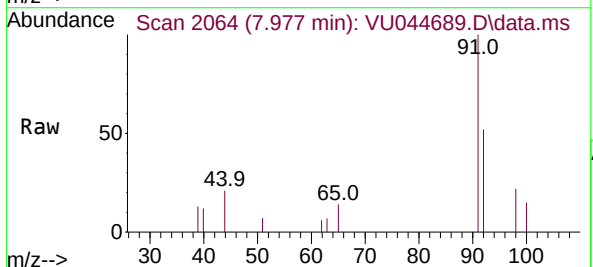
Tgt Ion: 63 Resp: 4992
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

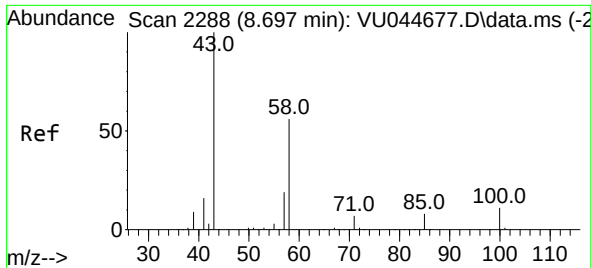


#42

Toluene
Concen: 0.069 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

Tgt Ion: 91 Resp: 2653
Ion Ratio Lower Upper
91 100
92 52.4 41.1 76.3

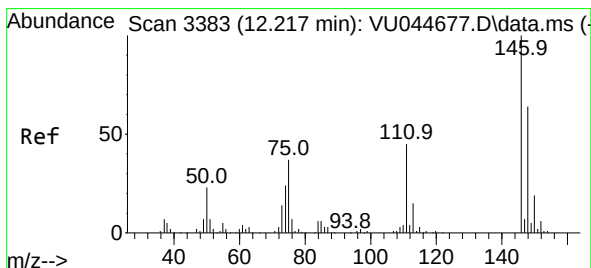
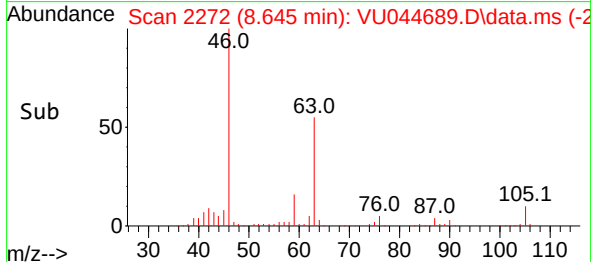
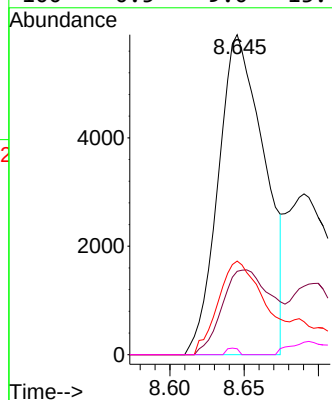
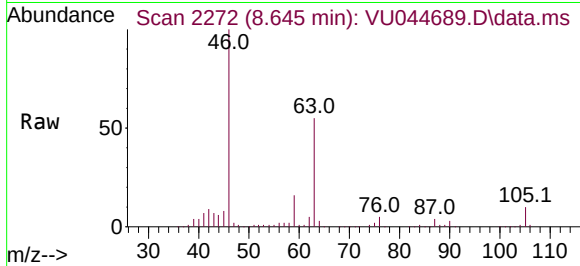




#48
2-Hexanone
Concen: 2.233 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

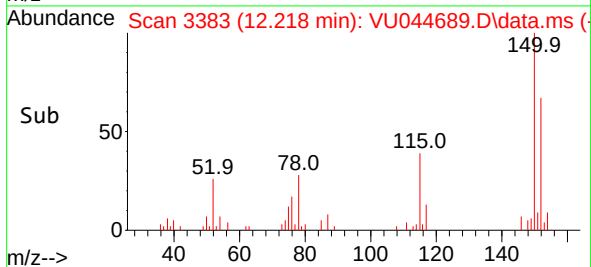
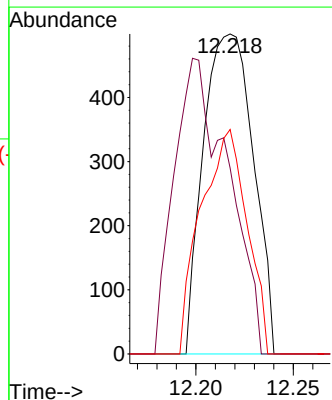
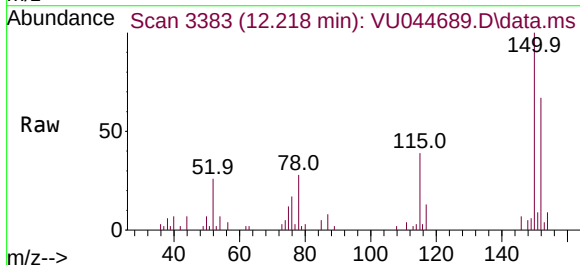
Instrument :
MSVOA_U
ClientSampleId :

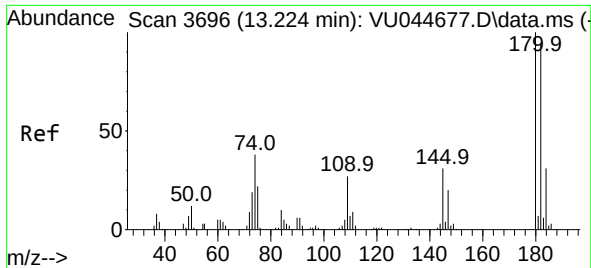
Tgt Ion:	43	Resp:	12752
Ion	Ratio	Lower	Upper
43	100		
58	29.2	44.6	66.8#
57	30.4	14.8	22.2#
100	0.5	9.0	13.4#



#67
1,2-Dichlorobenzene
Concen: 0.060 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

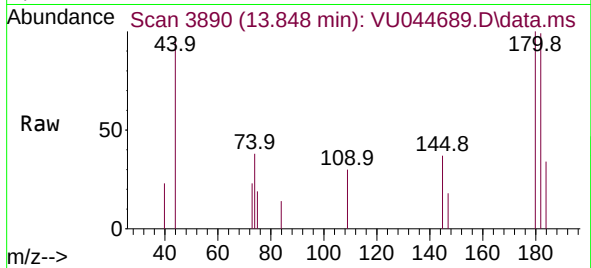
Tgt Ion:	146	Resp:	891
Ion	Ratio	Lower	Upper
146	100		
111	58.1	34.6	51.8#
148	70.1	51.3	76.9



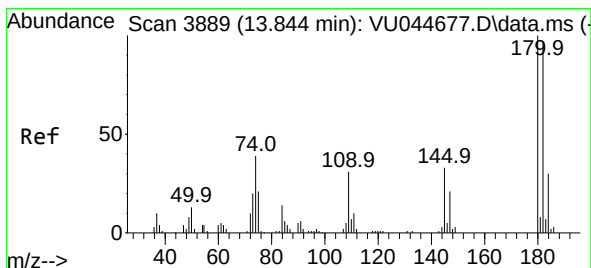
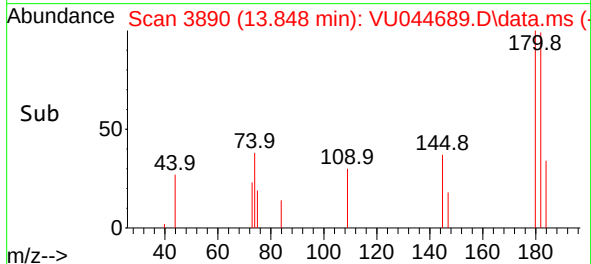
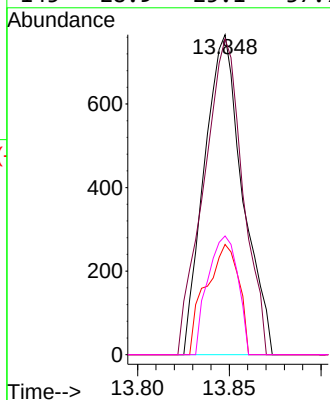


#69
1,3,5-Trichlorobenzene
Concen: 0.093 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.624 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

Instrument :
MSVOA_U
ClientSampleId :

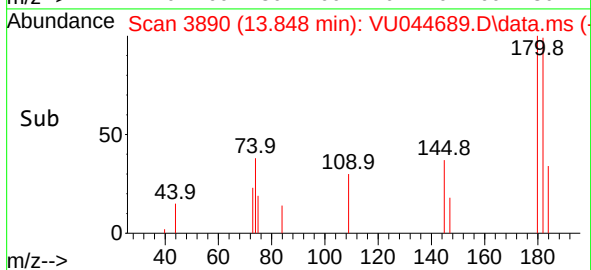
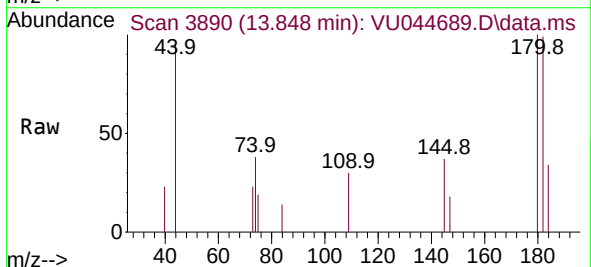
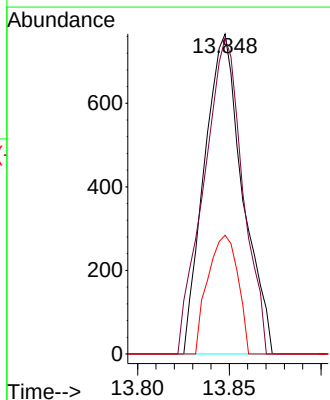


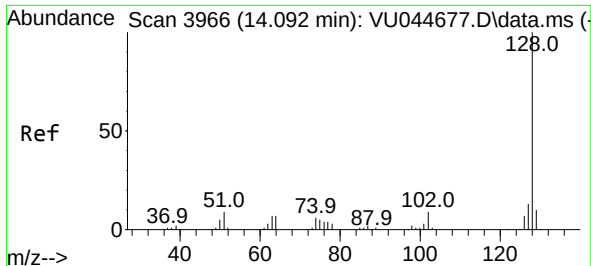
Tgt Ion:180 Resp: 1113
Ion Ratio Lower Upper
180 100
182 100.3 76.9 115.3
184 29.6 24.1 36.1
145 28.9 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 0.110 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

Tgt Ion:180 Resp: 1113
Ion Ratio Lower Upper
180 100
182 100.3 75.4 113.0
145 28.9 25.2 37.8

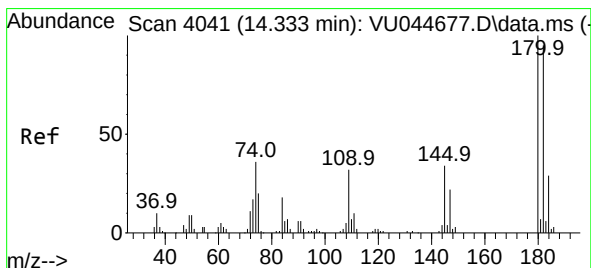
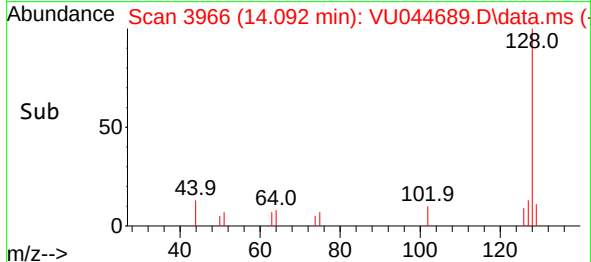
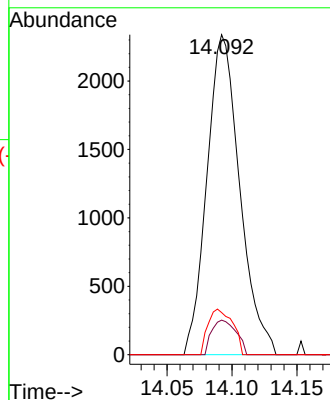
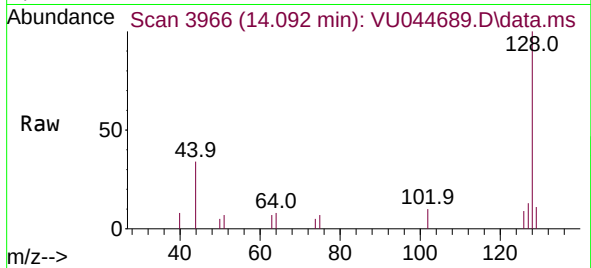




#71
Naphthalene
Concen: 0.209 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 4109
Ion Ratio Lower Upper
128 100
129 8.1 8.7 13.1#
127 10.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.130 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044689.D
Acq: 17 Sep 2021 16:42

Tgt Ion:180 Resp: 1203
Ion Ratio Lower Upper
180 100
182 43.7 75.9 113.9#
145 36.2 27.0 40.6

