

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
 Data File : VU044739.D
 Acq On : 21 Sep 2021 16:17
 Operator : SY/MD
 Sample : M3777-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF6

Quant Time: Sep 22 01:42:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 22 01:40:07 2021
 Response via : Initial Calibration

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

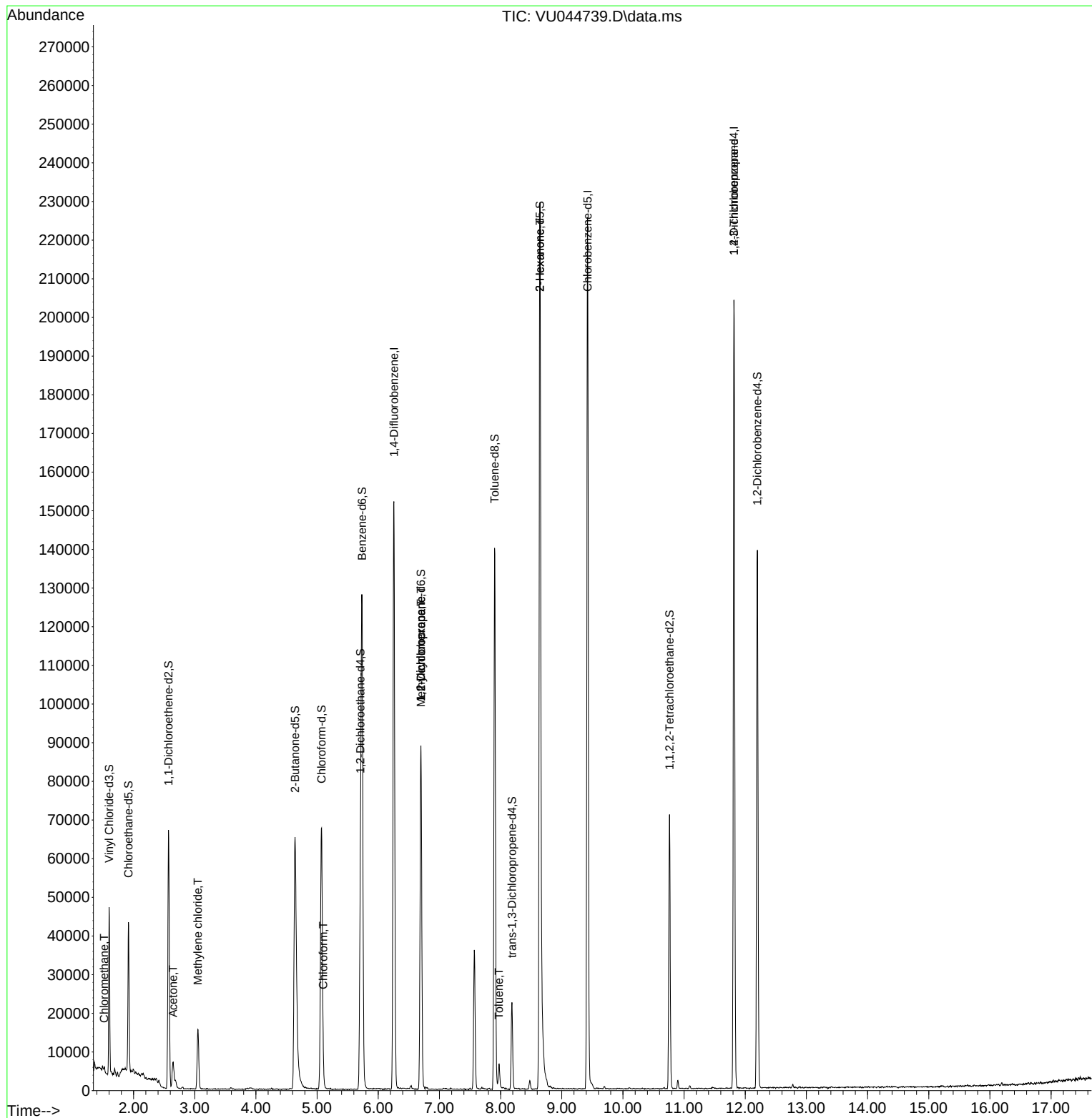
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	115099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	49434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29874	4.395	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.916	69	28215	4.067	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.400%	
11) 1,1-Dichloroethene-d2	2.571	65	13055	3.803	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.639	46	117420	41.209	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.420%	
24) Chloroform-d	5.073	84	59580	4.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	5.710	65	36280	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.735	84	113337	3.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
36) 1,2-Dichloropropane-d6	6.697	67	40269	4.178	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.902	98	87183	3.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.200%#	
43) trans-1,3-Dichloroprop...	8.185	79	12268	3.611	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.200%	
46) 2-Hexanone-d5	8.642	63	85112	38.978	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.960%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	34939	4.088	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.800%	
66) 1,2-Dichlorobenzene-d4	12.198	152	33390	4.093	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.800%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	987	0.089	ug/L	100
13) Acetone	2.645	43	11682	6.295	ug/L	84
16) Methylene chloride	3.051	84	7165	0.609	ug/L	94
25) Chloroform	5.099	83	3156	0.186	ug/L	100
35) Methylcyclohexane	6.700	83	9190	0.661	ug/L #	16
37) 1,2-Dichloropropane	6.697	63	4559	0.498	ug/L #	88
42) Toluene	7.973	91	4687	0.131	ug/L	95
48) 2-Hexanone	8.642	43	11306	2.132	ug/L #	68
61) 1,2,3-Trichloropropane	11.815	75	7284	1.334	ug/L #	68

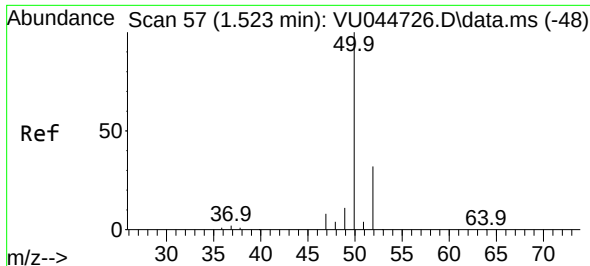
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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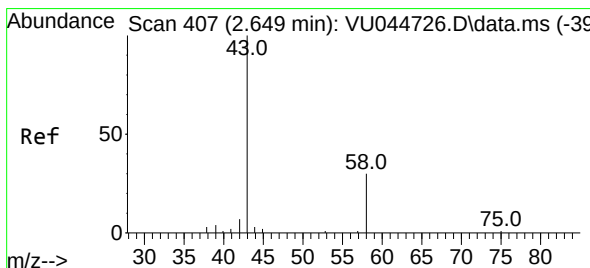
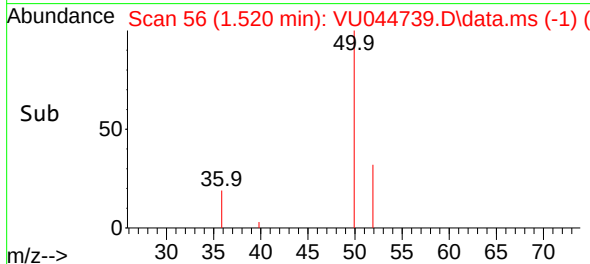
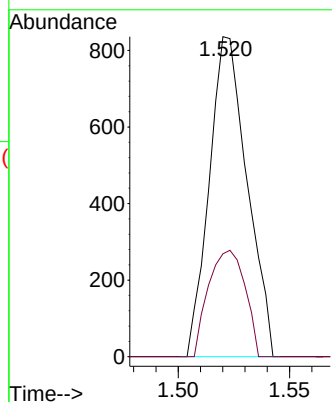
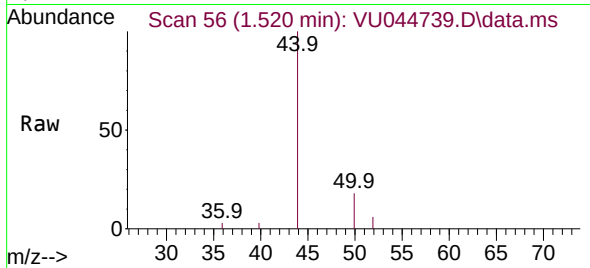




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044739.D
Acq: 21 Sep 2021 16:17

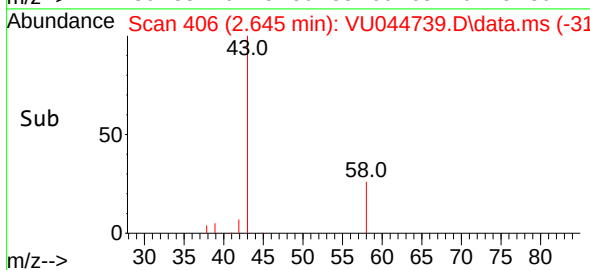
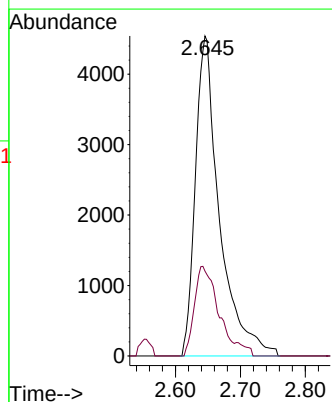
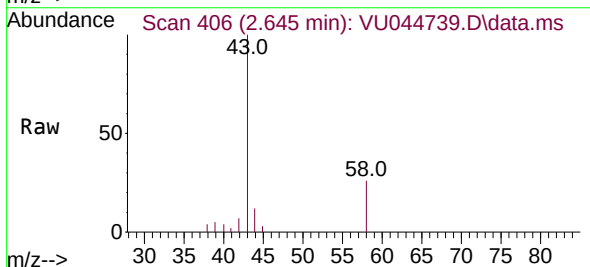
Instrument :
MSVOA_U
ClientSampled :
C0AF6

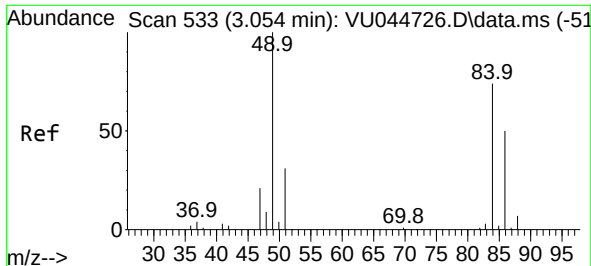
Tgt Ion: 50 Resp: 987
Ion Ratio Lower Upper
50 100
52 32.2 22.6 42.0



#13
Acetone
Concen: 6.295 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044739.D
Acq: 21 Sep 2021 16:17

Tgt Ion: 43 Resp: 11682
Ion Ratio Lower Upper
43 100
58 28.9 0.0 42.4

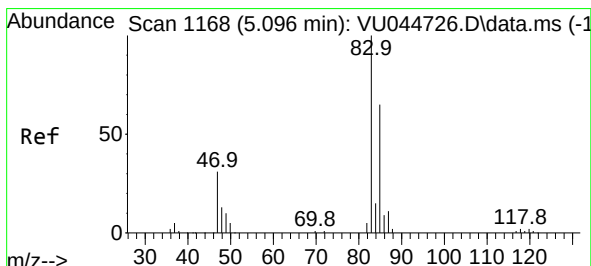
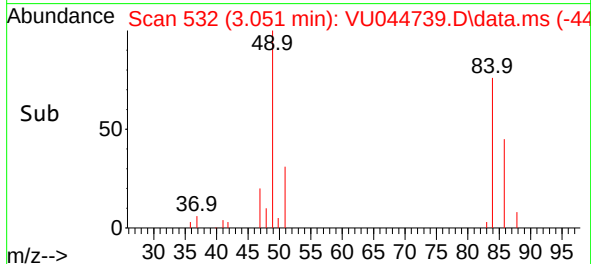
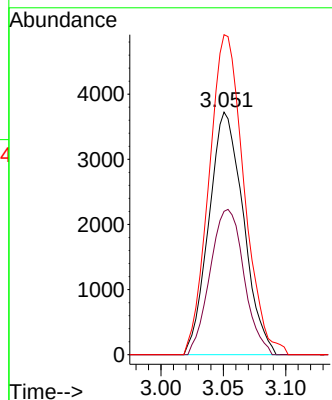
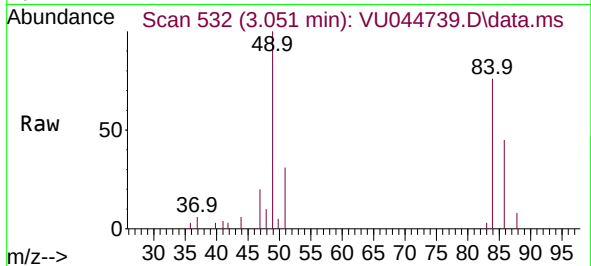




#16
Methylene chloride
Concen: 0.609 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044739.D
Acq: 21 Sep 2021 16:17

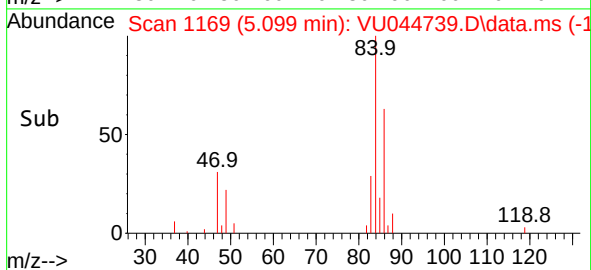
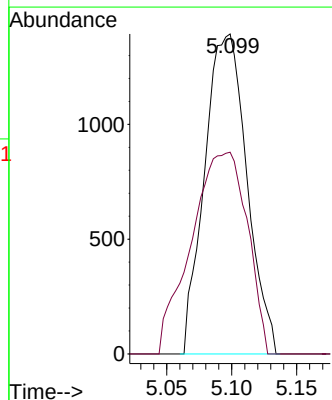
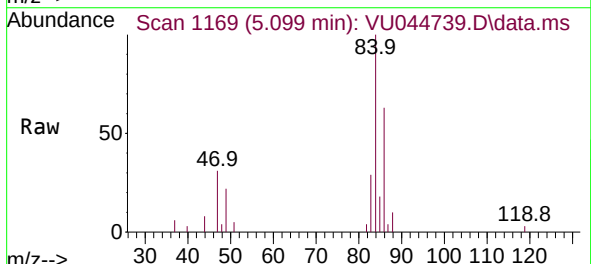
Instrument :
MSVOA_U
ClientSampleId :
C0AF6

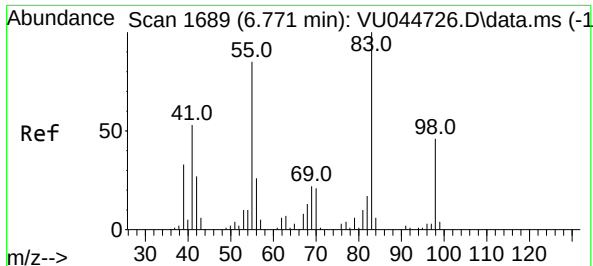
Tgt Ion:	84	Resp:	7165
Ion	Ratio	Lower	Upper
84	100		
86	59.1	45.8	85.2
49	138.1	92.9	172.5



#25
Chloroform
Concen: 0.186 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044739.D
Acq: 21 Sep 2021 16:17

Tgt Ion:	83	Resp:	3156
Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.2	82.0





#35

Methylcyclohexane

Concen: 0.661 ug/L

RT: 6.700 min Scan# 1667

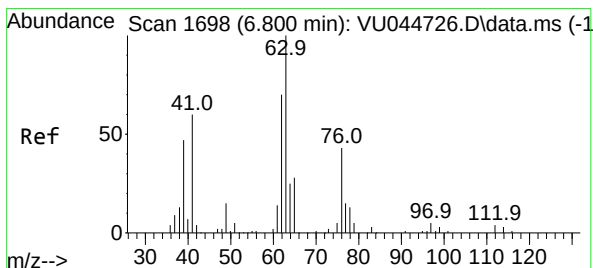
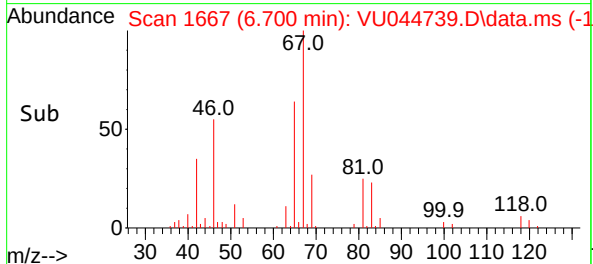
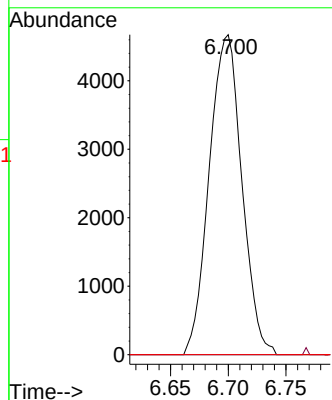
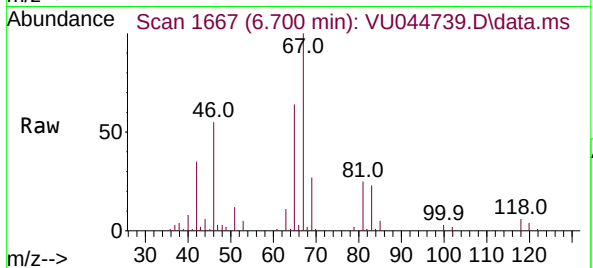
Delta R.T. -0.071 min

Lab File: VU044739.D

Acq: 21 Sep 2021 16:17

Tgt Ion:	83	Resp:	9190
Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.3	102.5#
98	1.1	37.3	55.9#

Instrument :
MSVOA_U
ClientSampleId :
C0AF6



#37

1,2-Dichloropropane

Concen: 0.498 ug/L

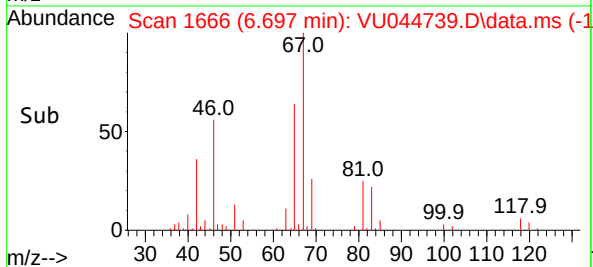
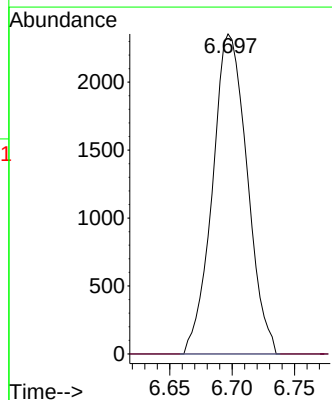
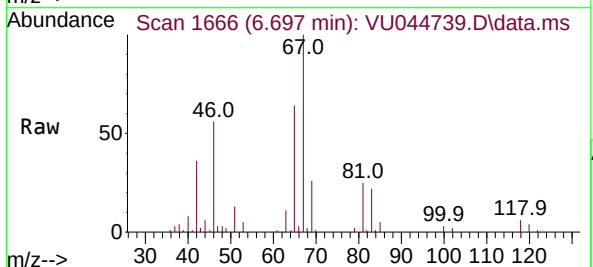
RT: 6.697 min Scan# 1666

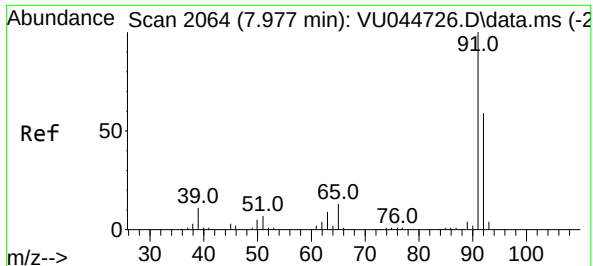
Delta R.T. -0.103 min

Lab File: VU044739.D

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Tgt Ion:	63	Resp:	4559
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

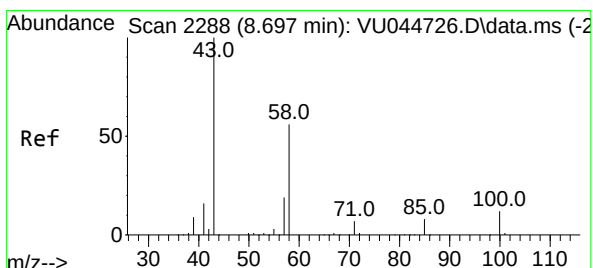
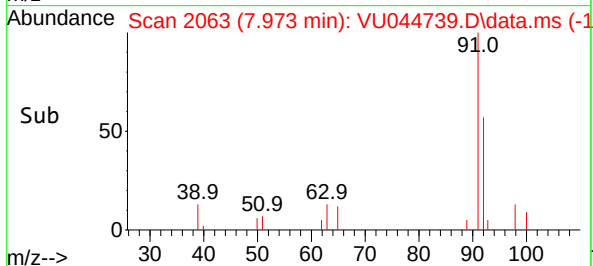
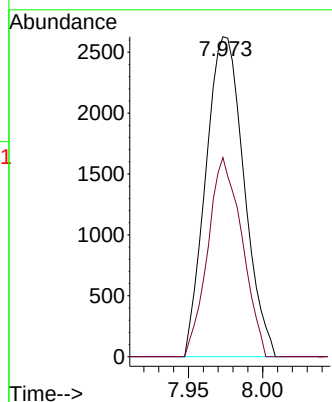
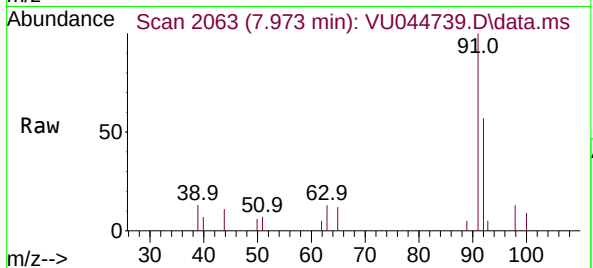




#42
Toluene
Concen: 0.131 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044739.D
Acq: 21 Sep 2021 16:17

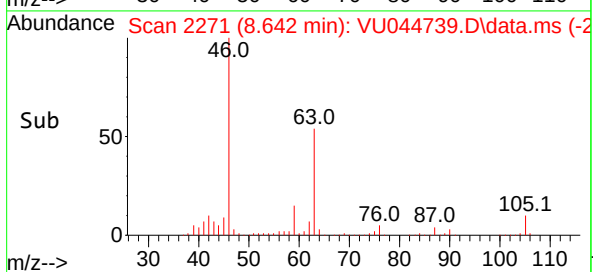
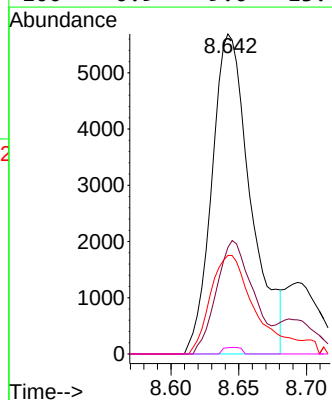
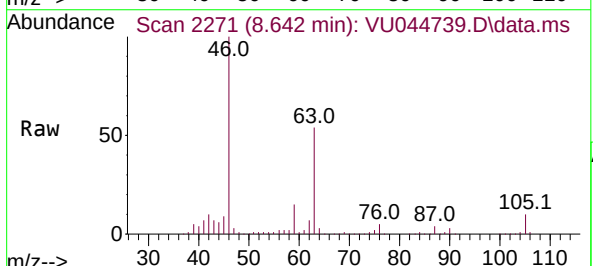
Instrument :
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ClientSampleId :
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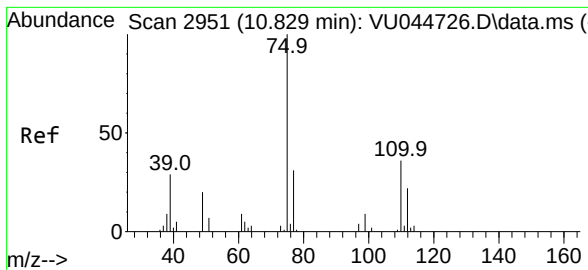
Tgt Ion: 91 Resp: 4687
Ion Ratio Lower Upper
91 100
92 62.2 41.1 76.3



#48
2-Hexanone
Concen: 2.132 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.055 min
Lab File: VU044739.D
Acq: 21 Sep 2021 16:17

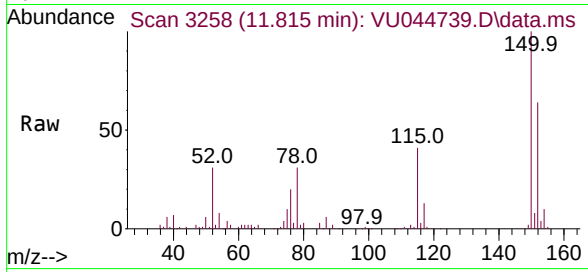
Tgt Ion: 43 Resp: 11306
Ion Ratio Lower Upper
43 100
58 33.5 44.6 66.8#
57 35.6 14.8 22.2#
100 0.9 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.334 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044739.D
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Tgt Ion: 75 Resp: 7284
 Ion Ratio Lower Upper
 75 100
 110 0.9 28.8 43.2#
 77 32.9 25.9 38.9

