

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043699.D
 Acq On : 13 May 2021 12:45
 Operator : SY/MD
 Sample : M2376-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:49:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

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

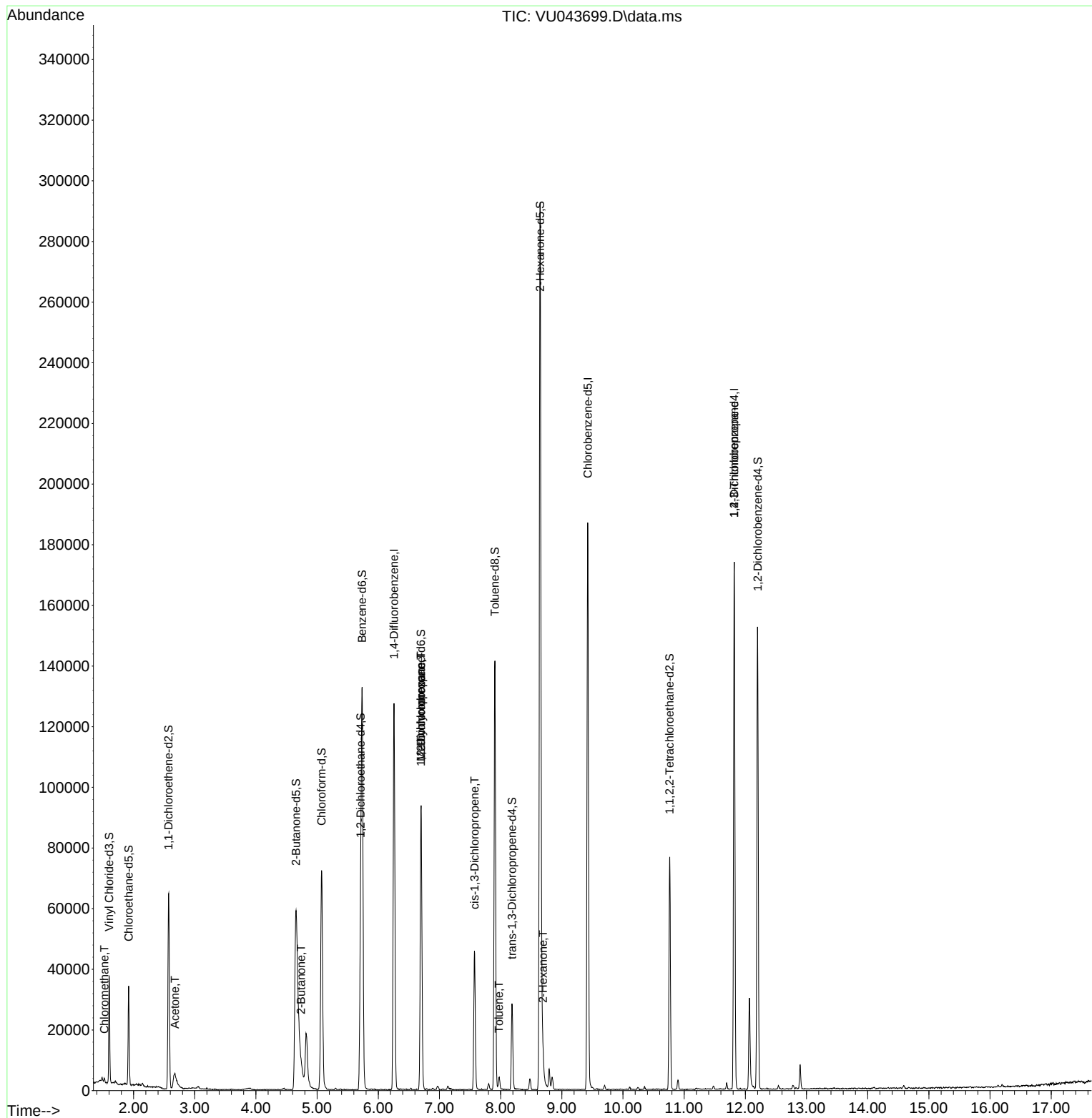
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	93256	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	93112	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41005	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24509	3.27	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.40%	
7) Chloroethane-d5	1.919	69	22074	4.02	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.40%	
11) 1,1-Dichloroethene-d2	2.572	65	12808	3.48	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.60%	
20) 2-Butanone-d5	4.655	46	156924	67.41	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.82%#	
24) Chloroform-d	5.073	84	62551	4.36	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.20%	
26) 1,2-Dichloroethane-d4	5.710	65	41107	4.76	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.20%	
32) Benzene-d6	5.736	84	108700	4.32	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.40%	
36) 1,2-Dichloropropane-d6	6.700	67	42696	4.83	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.60%	
41) Toluene-d8	7.906	98	86064	3.72	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.40%	
43) trans-1,3-Dichloroprop...	8.186	79	14892	4.18	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.60%	
46) 2-Hexanone-d5	8.646	63	93840	62.79	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.58%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	37483	5.29	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.80%	
66) 1,2-Dichlorobenzene-d4	12.202	152	35944	4.91	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.20%	
Target Compounds						Qvalue
3) Chloromethane	1.524	50	1243	0.19	ug/L	95
13) Acetone	2.678	43	13375	8.62	ug/L	100
21) 2-Butanone	4.739	43	6235	2.51	ug/L #	65
35) Methylcyclohexane	6.700	83	9160	1.13	ug/L #	12
37) 1,2-Dichloropropane	6.697	63	4876	0.67	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1146	0.12	ug/L #	75
42) Toluene	7.974	91	3096	0.12	ug/L	90
48) 2-Hexanone	8.694	43	4405	0.99	ug/L #	85
61) 1,2,3-Trichloropropane	11.819	75	5759	1.39	ug/L #	68

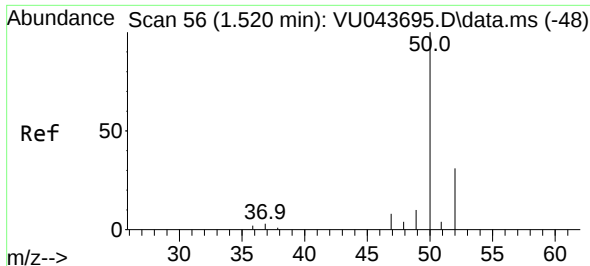
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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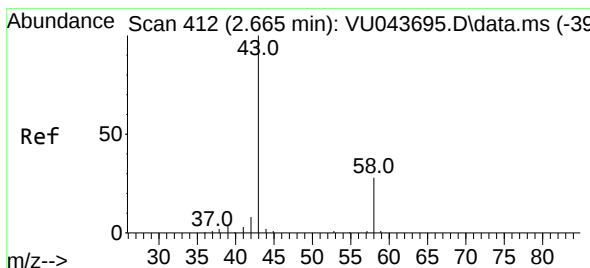
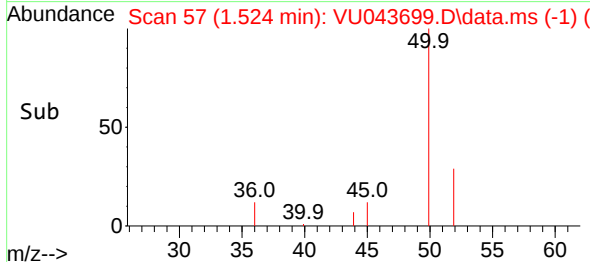
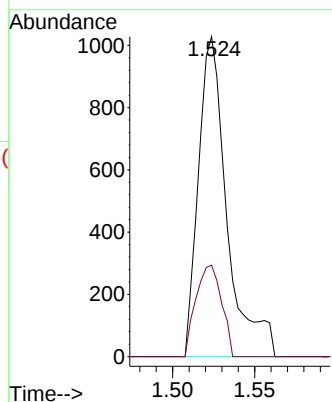
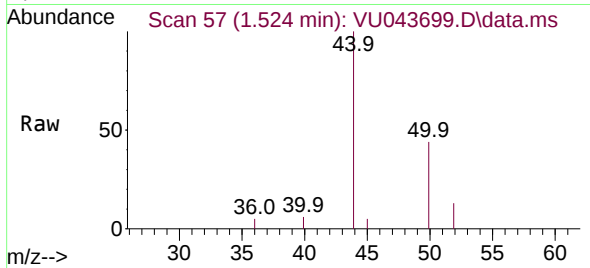




#3
Chloromethane
Concen: 0.19 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

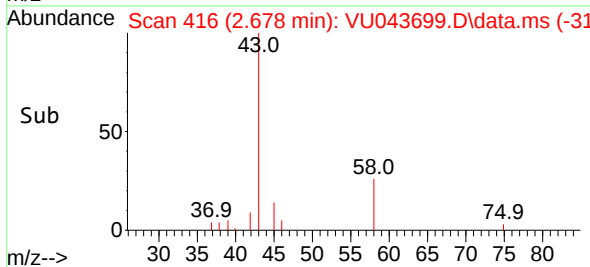
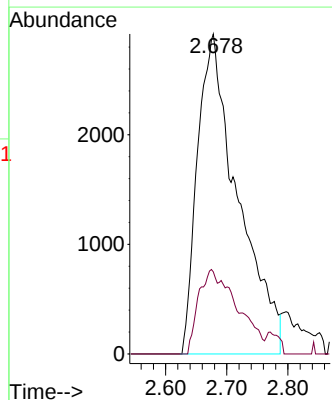
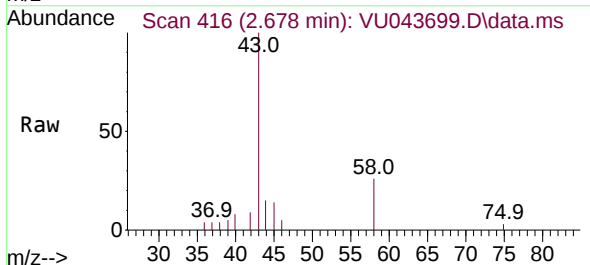
Instrument :
MSVOA_U
ClientSampled :

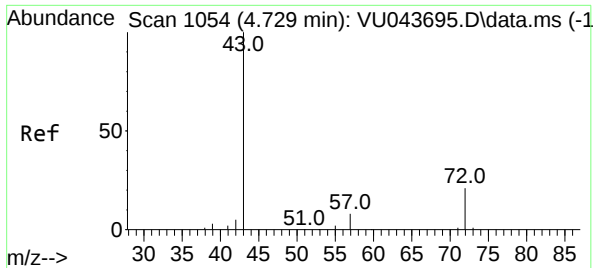
Tgt Ion: 50 Resp: 1243
Ion Ratio Lower Upper
50 100
52 28.6 22.1 41.1



#13
Acetone
Concen: 8.62 ug/L
RT: 2.678 min Scan# 416
Delta R.T. 0.013 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

Tgt Ion: 43 Resp: 13375
Ion Ratio Lower Upper
43 100
58 25.6 0.0 50.8

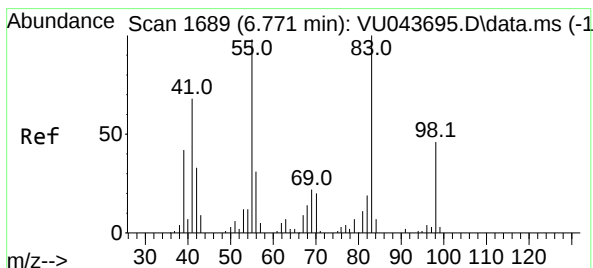
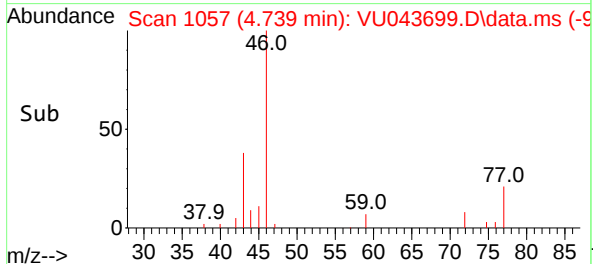
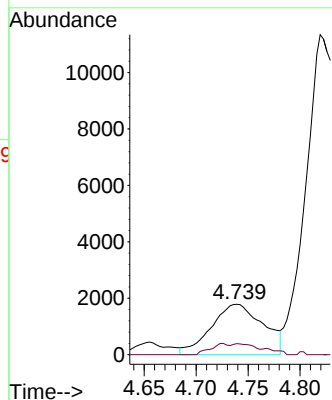
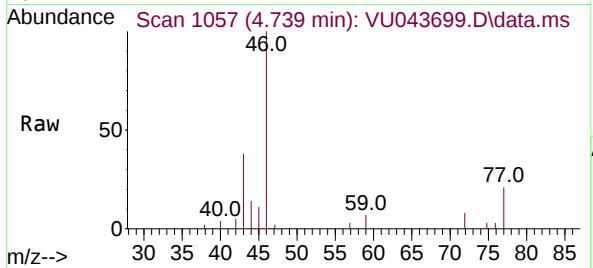




#21
2-Butanone
Concen: 2.51 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. 0.010 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

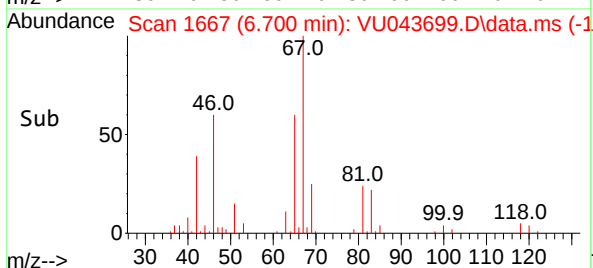
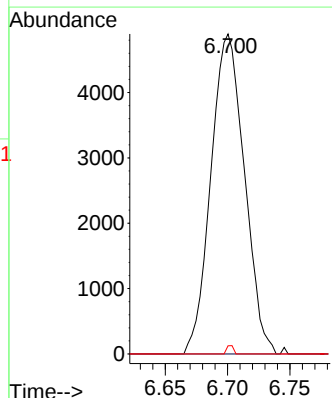
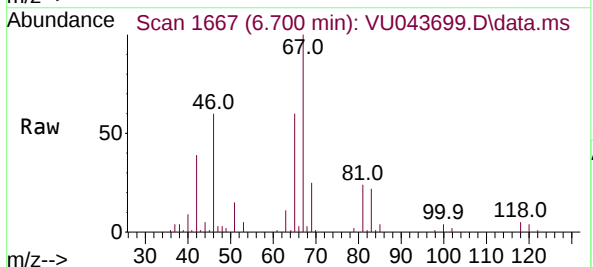
Instrument :
MSVOA_U
ClientSampled :

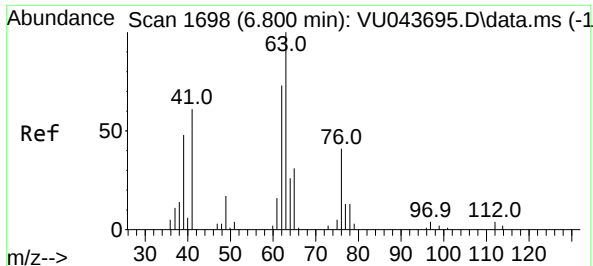
Tgt Ion: 43 Resp: 6235
Ion Ratio Lower Upper
43 100
72 5.0 10.8 32.4#



#35
Methylcyclohexane
Concen: 1.13 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

Tgt Ion: 83 Resp: 9160
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 0.5 35.5 53.3#



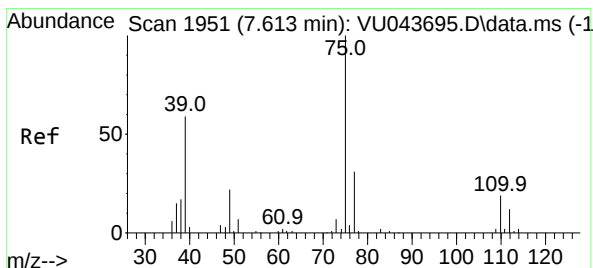
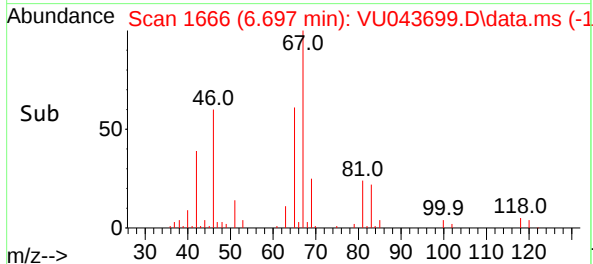
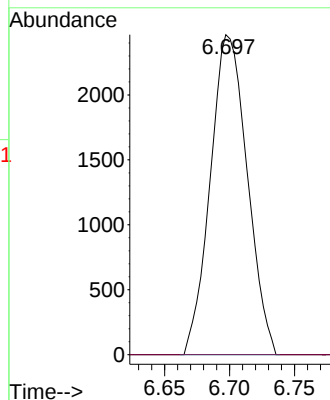
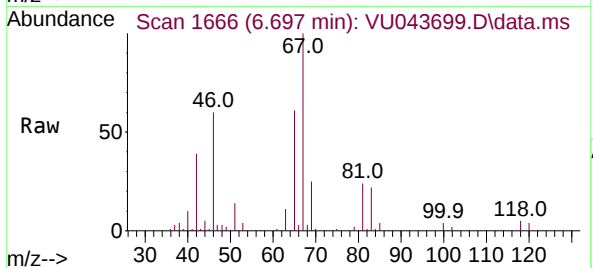


#37

1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :

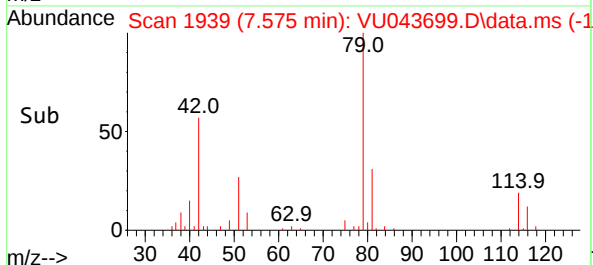
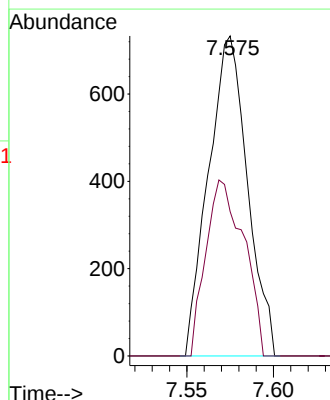
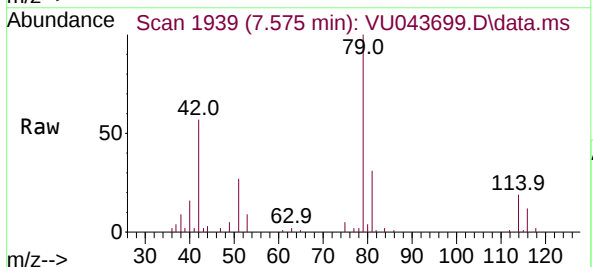
Tgt Ion: 63 Resp: 4876
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

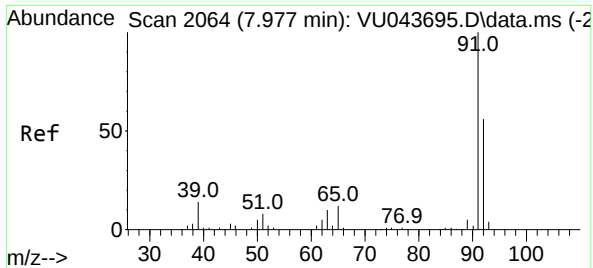


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

Tgt Ion: 75 Resp: 1146
Ion Ratio Lower Upper
75 100
77 45.2 21.9 40.7#

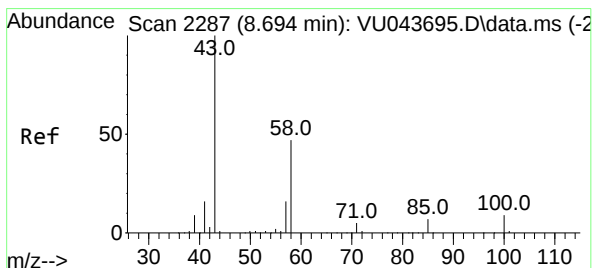
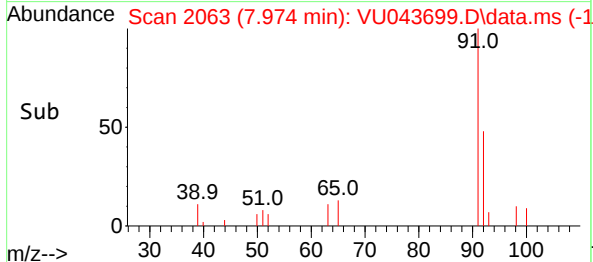
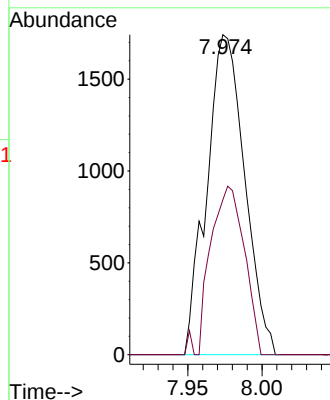
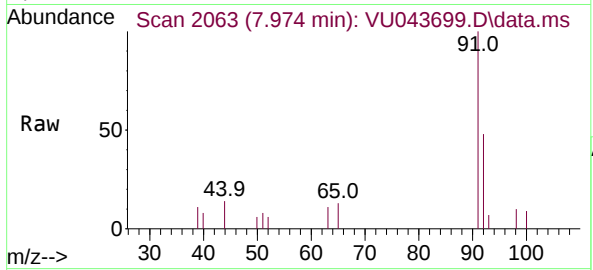




#42
Toluene
Concen: 0.12 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

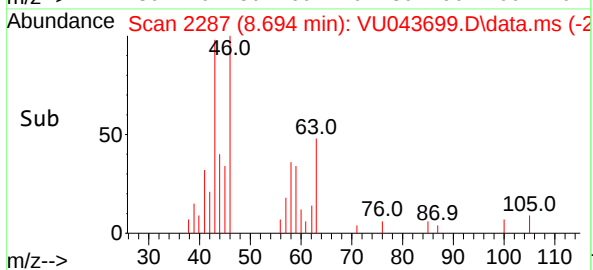
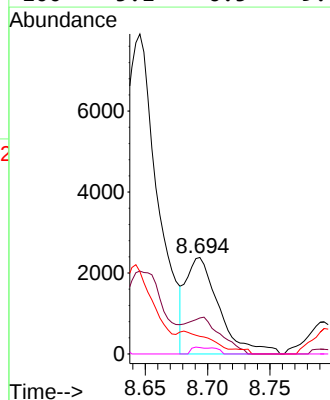
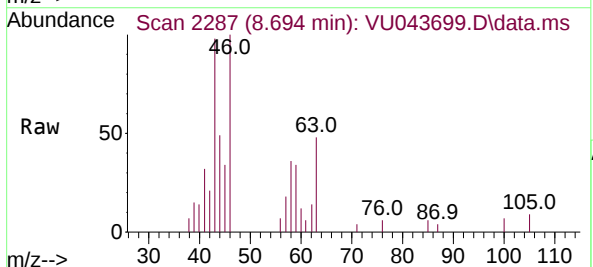
Instrument :
MSVOA_U
ClientSampled :

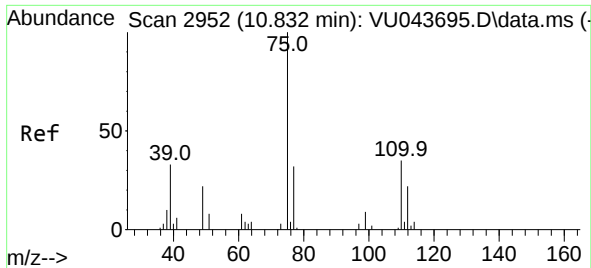
Tgt Ion: 91 Resp: 3096
Ion Ratio Lower Upper
91 100
92 48.5 39.1 72.5



#48
2-Hexanone
Concen: 0.99 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043699.D
Acq: 13 May 2021 12:45

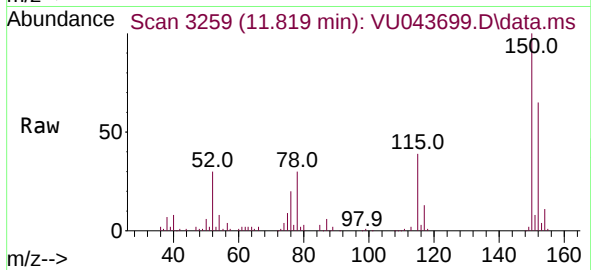
Tgt Ion: 43 Resp: 4405
Ion Ratio Lower Upper
43 100
58 35.9 36.8 55.2#
57 24.4 13.2 19.8#
100 5.1 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.39 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043699.D
 Acq: 13 May 2021 12:45

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	5759
Ion	Ratio	Lower	Upper
75	100		
110	2.4	28.6	42.8#
77	34.1	25.7	38.5

