

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042840.D
 Acq On : 30 Mar 2021 15:48
 Operator : SY/MD
 Sample : M1846-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR33

Quant Time: Mar 31 02:11:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

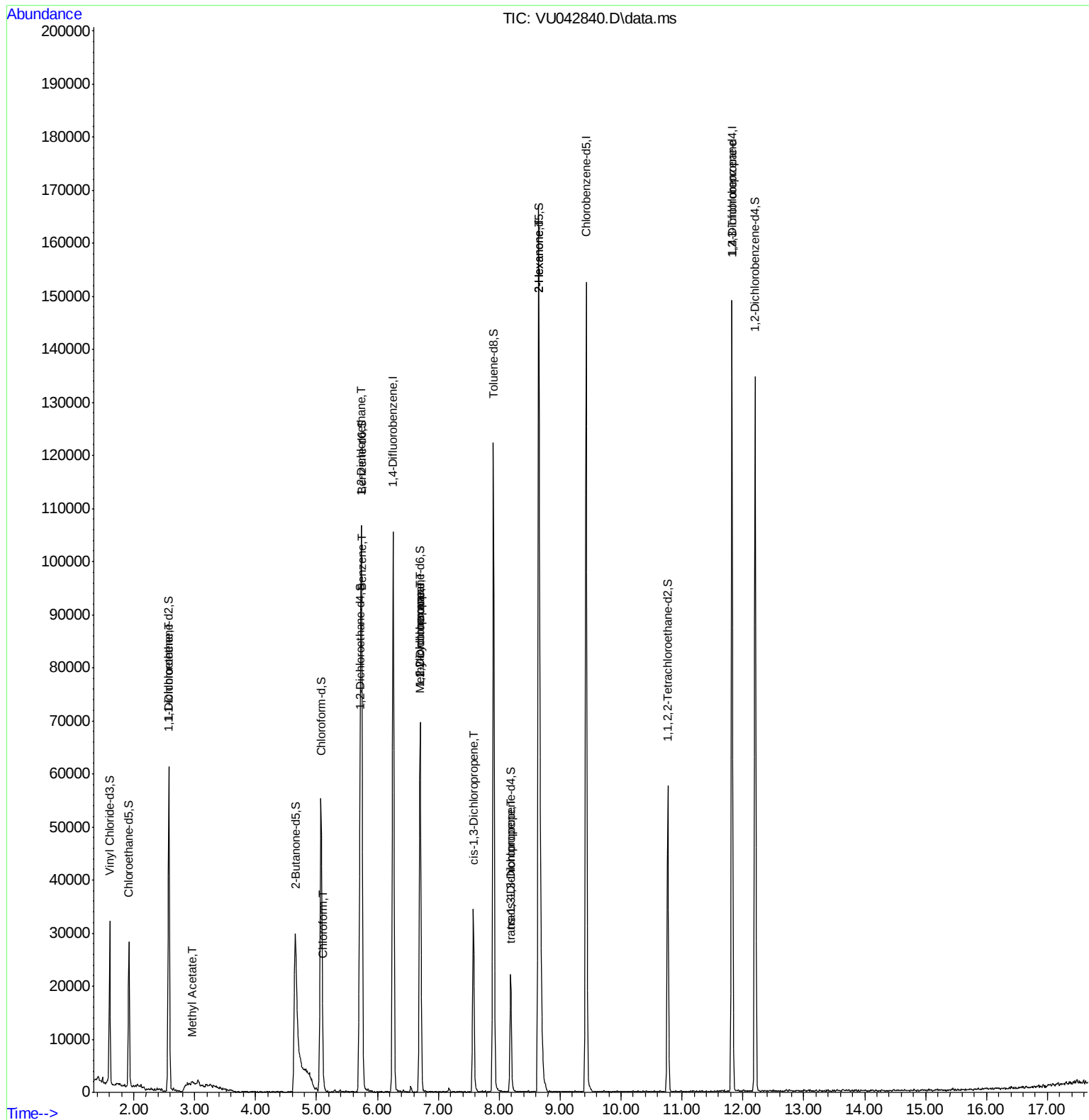
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	78917	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	81597	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	37405	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20648	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.919	69	18194	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.575	63	37711	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.652	46	72618	42.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.08%
24) Chloroform-d	5.076	84	48668	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.716	65	31840	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.739	84	87044	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.700	67	28886	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.906	98	77584	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloroprop...	8.189	79	11975	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.649	63	67778	46.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.90%
57) 1,1,2,2-Tetrachloroeth...	10.768	84	26734	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.202	152	33949	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	325	0.06	ug/L #	1
15) Methyl Acetate	2.964	43	314	0.09	ug/L #	55
25) Chloroform	5.099	83	2173	0.18	ug/L	99
27) 1,2-Dichloroethane	5.732	62	633	0.07	ug/L #	75
33) Benzene	5.745	78	704	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	7083	0.66	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3614	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	897	0.09	ug/L #	76
44) trans-1,3-Dichloropropene	8.182	75	483	0.05	ug/L #	70
48) 2-Hexanone	8.649	43	11429	2.58	ug/L #	74
59) 1,2,3-Trichloropropane	11.819	75	4700	0.91	ug/L	93

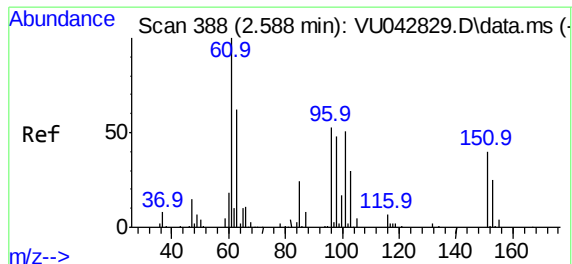
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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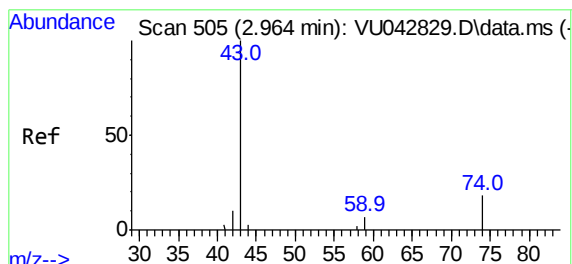
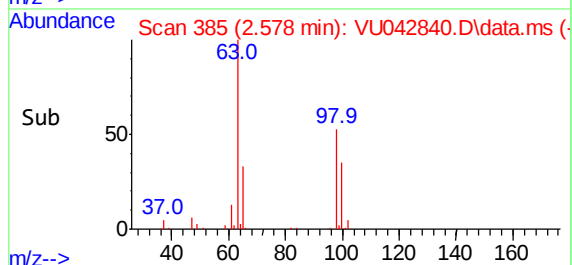
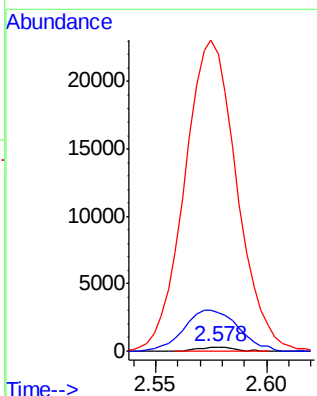
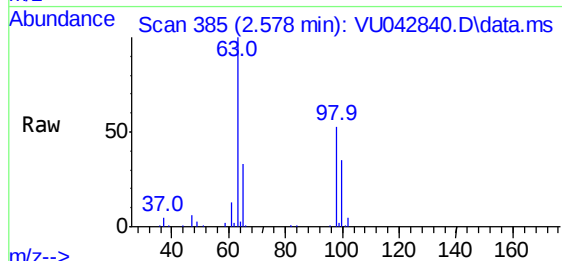




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

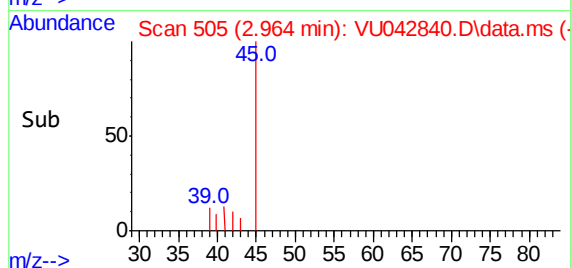
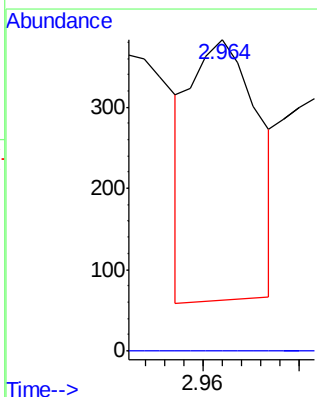
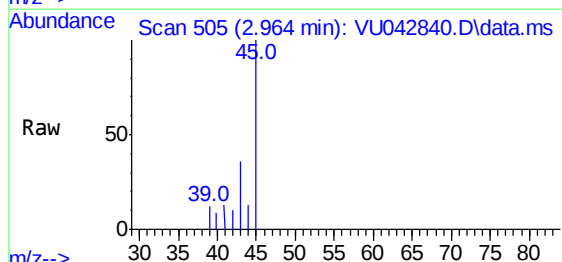
Instrument :
MSVOA_U
ClientSampleId :
YAR33

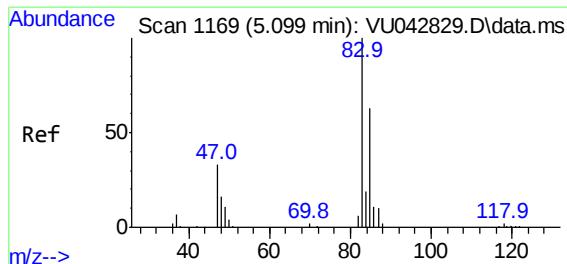
Tgt Ion: 96 Resp: 325
Ion Ratio Lower Upper
96 100
61 940.7 126.2 234.4#
63 7306.0 77.8 144.4#



#15
Methyl Acetate
Concen: 0.09 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

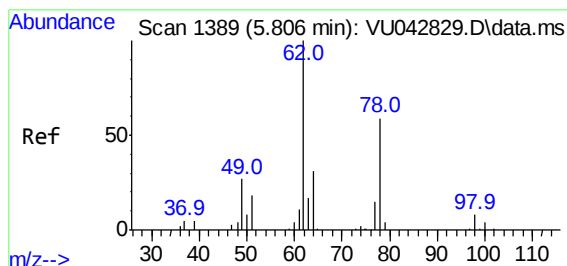
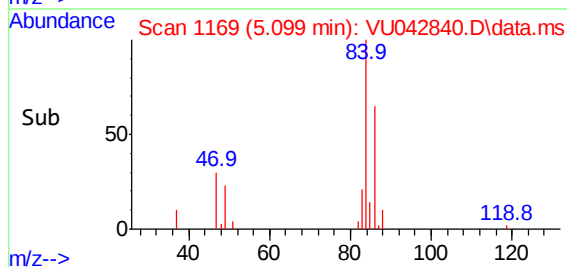
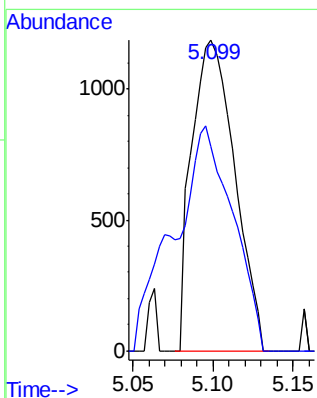
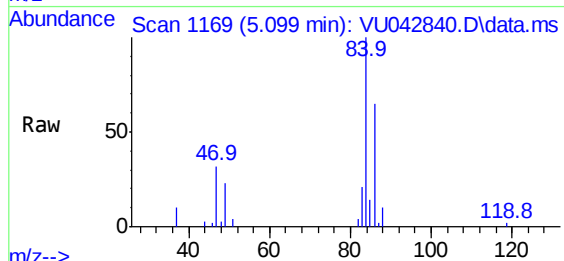




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

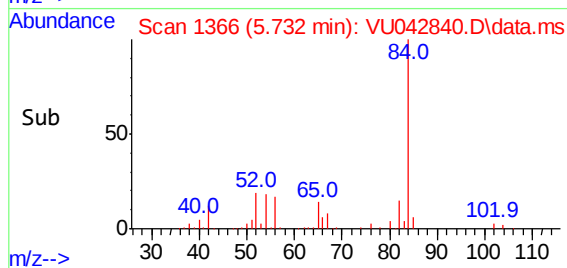
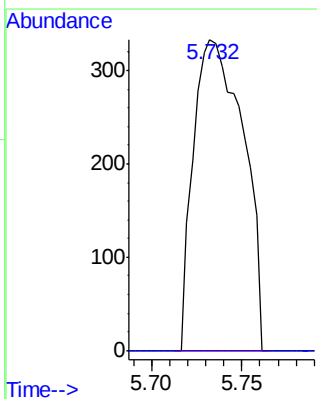
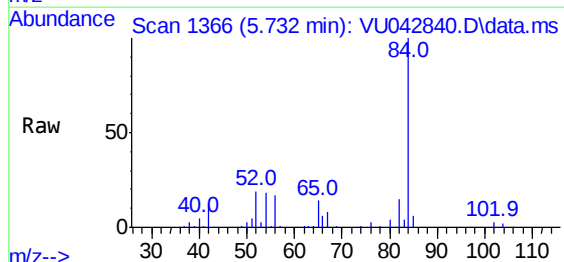
Instrument :
MSVOA_U
ClientSampled :
YAR33

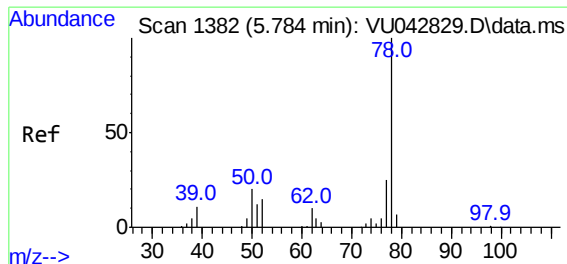
Tgt Ion: 83 Resp: 2173
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

Tgt Ion: 62 Resp: 633
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

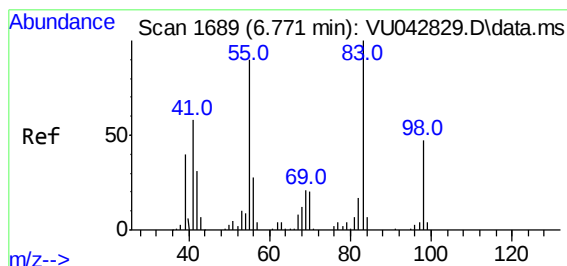
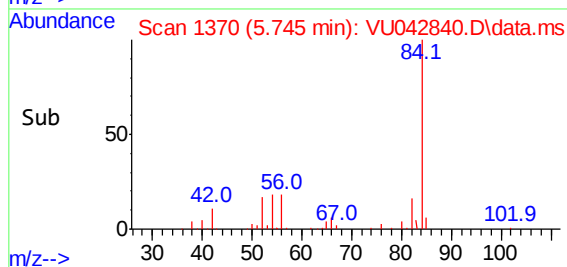
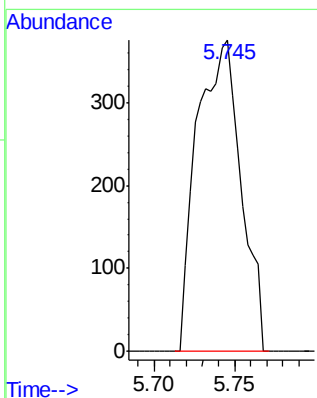
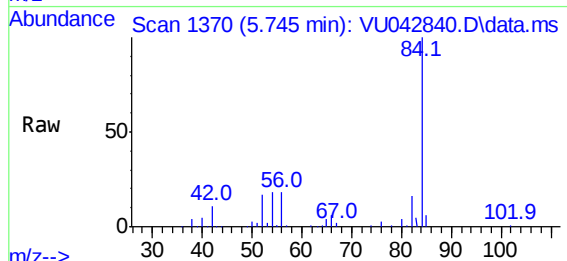




#33
Benzene
Concen: 0.03 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.038 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

Instrument :
MSVOA_U
ClientSampleId :
YAR33

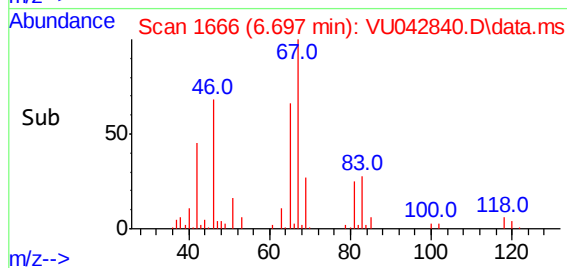
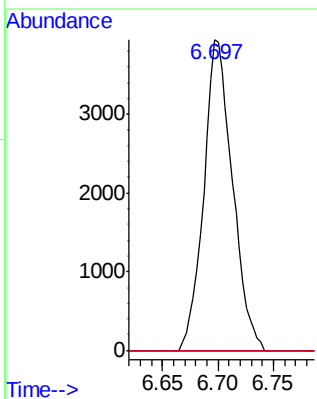
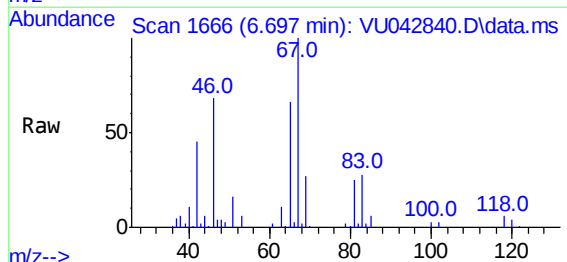
Tgt Ion: 78 Resp: 704

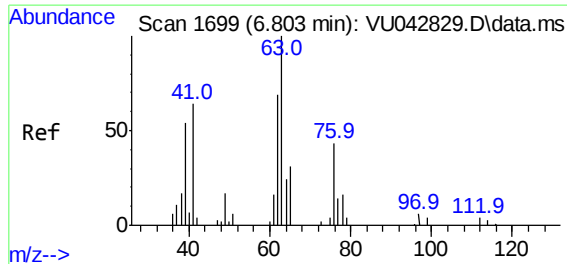


#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

Tgt Ion: 83 Resp: 7083

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

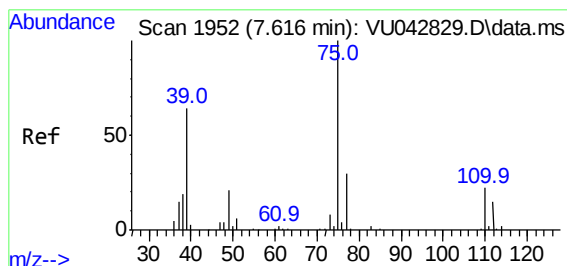
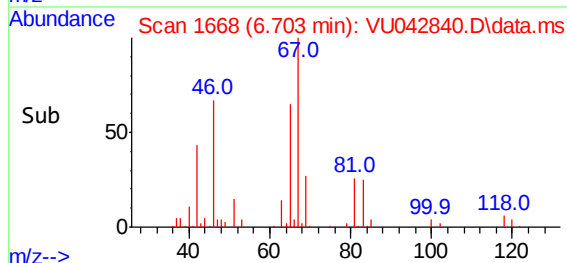
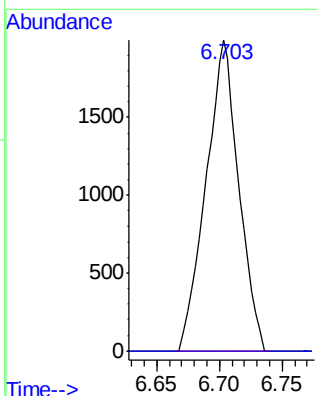
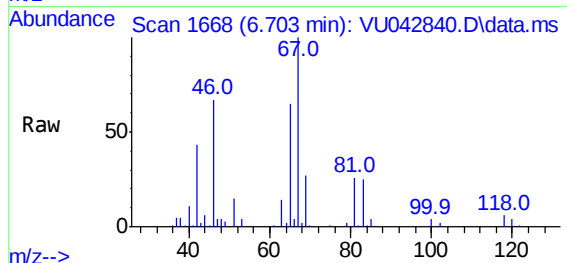




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

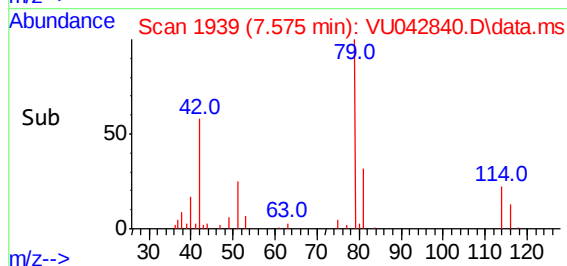
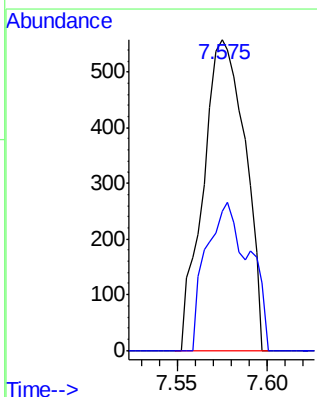
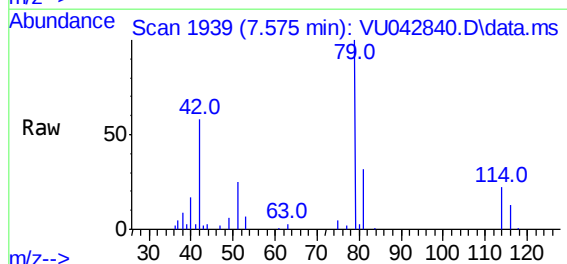
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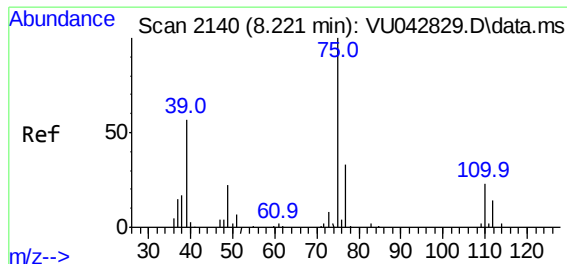
Tgt Ion: 63 Resp: 3614
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
77 44.6 22.0 40.8#

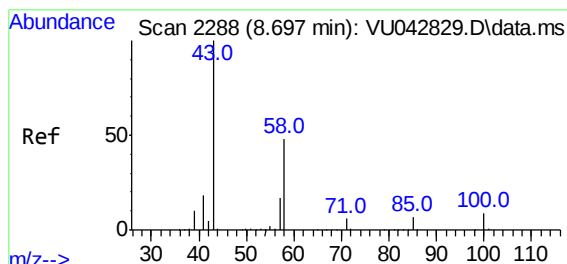
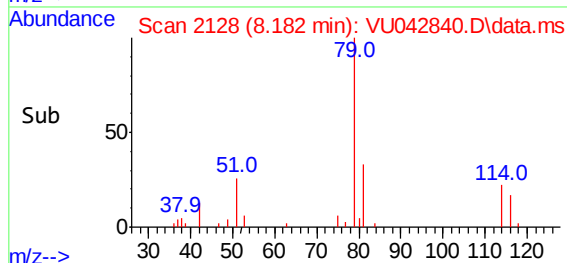
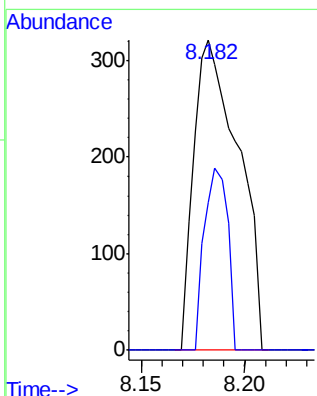
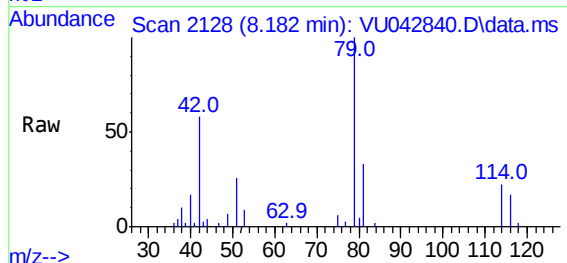




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.038 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

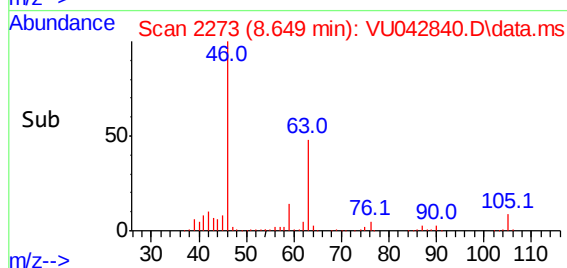
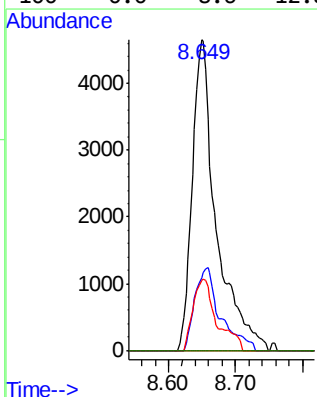
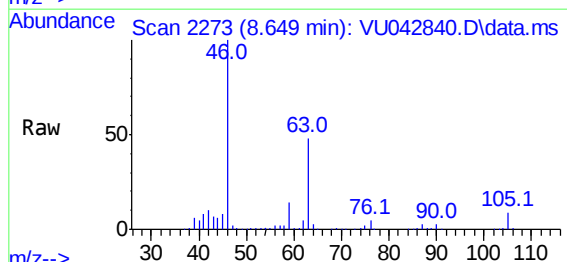
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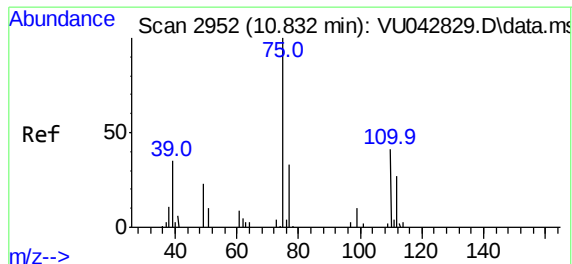
Tgt Ion: 75 Resp: 483
Ion Ratio Lower Upper
75 100
77 47.7 21.8 40.4#



#48
2-Hexanone
Concen: 2.58 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042840.D
Acq: 30 Mar 2021 15:48

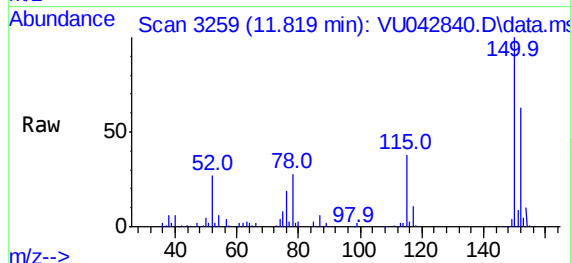
Tgt Ion: 43 Resp: 11429
Ion Ratio Lower Upper
43 100
58 28.4 40.6 61.0#
57 22.8 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.91 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042840.D
 Acq: 30 Mar 2021 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR33



Tgt Ion: 75 Resp: 4700
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.0 39.0

