

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042672.D
 Acq On : 15 Mar 2021 18:32
 Operator : SY/MD
 Sample : M1679-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Mar 16 01:39:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

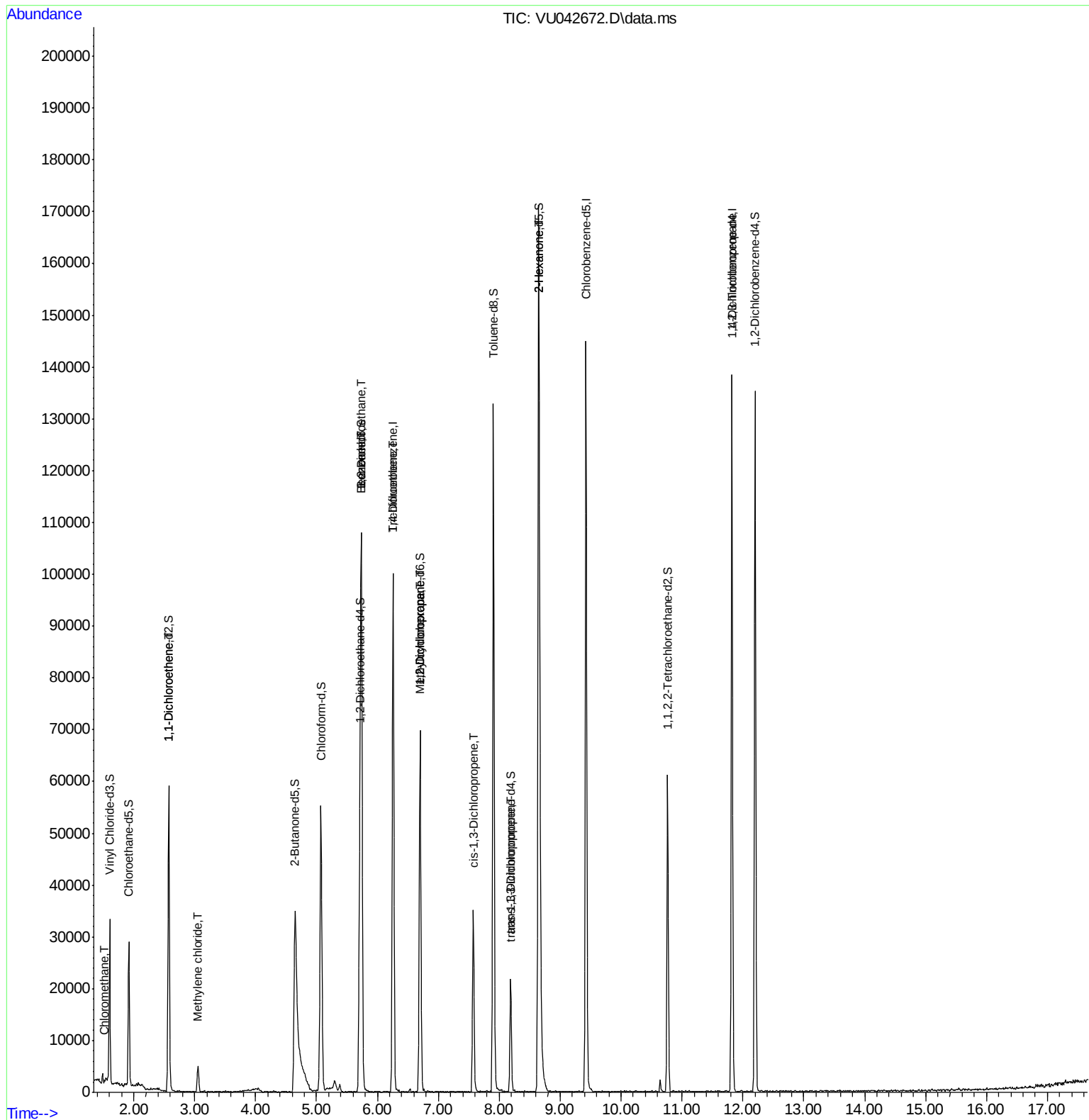
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	77395	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	76777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34007	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20160	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.919	69	18725	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.575	63	36549	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.649	46	94032	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	5.073	84	49085	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.713	65	33593	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.736	84	89157	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.700	67	30199	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	82090	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloroprop...	8.189	79	11952	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.649	63	68044	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28207	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32797	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%
Target Compounds						
3) Chloromethane	1.520	50	312	0.05	ug/L #	46
12) 1,1-Dichloroethene	2.575	96	299	0.05	ug/L #	1
16) Methylene chloride	3.054	84	2263	0.35	ug/L	97
27) 1,2-Dichloroethane	5.732	62	604	0.07	ug/L #	75
33) Benzene	5.732	78	786	0.03	ug/L	100
34) Trichloroethene	6.260	95	1276	0.19	ug/L #	5
35) Methylcyclohexane	6.697	83	7188	0.71	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3822	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	817	0.09	ug/L #	68
44) trans-1,3-Dichloropropene	8.192	75	521	0.06	ug/L	93
48) 2-Hexanone	8.652	43	11488	2.75	ug/L #	70
59) 1,2,3-Trichloropropane	11.819	75	4343	0.89	ug/L	89

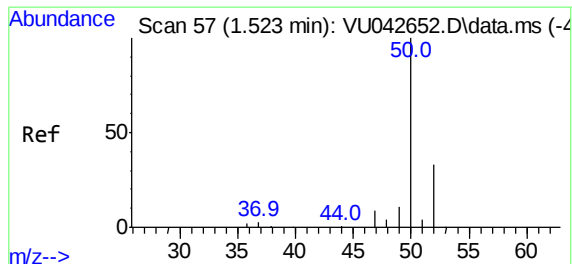
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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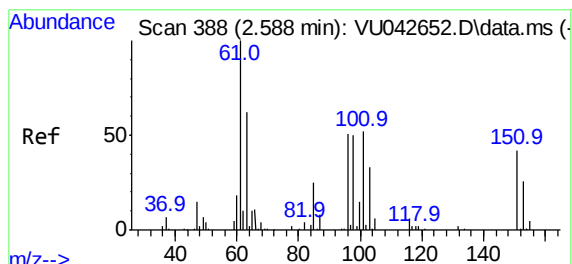
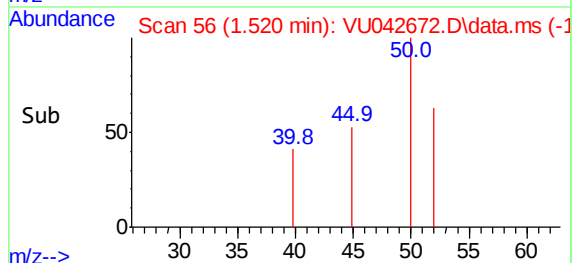
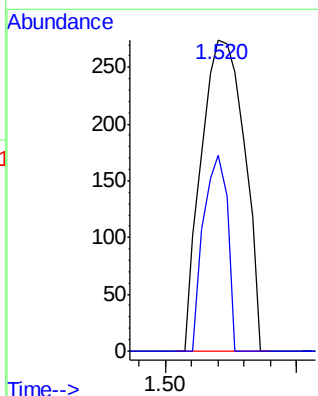
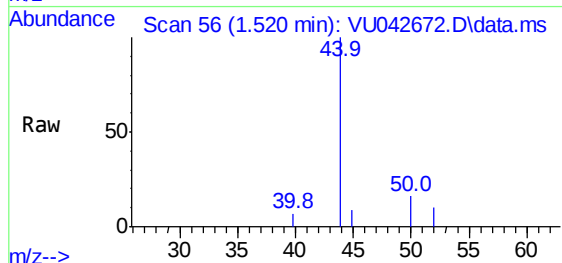




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

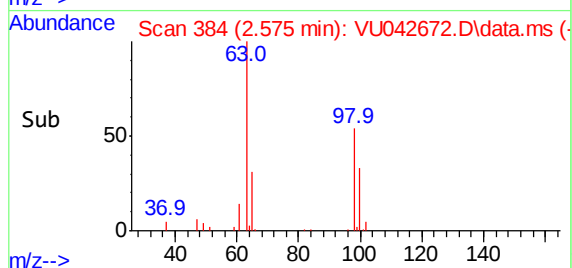
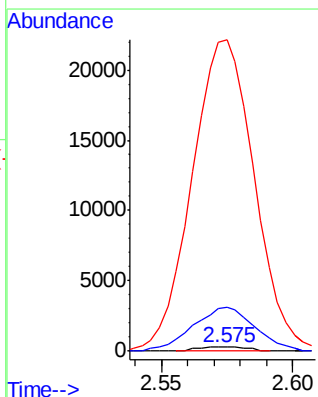
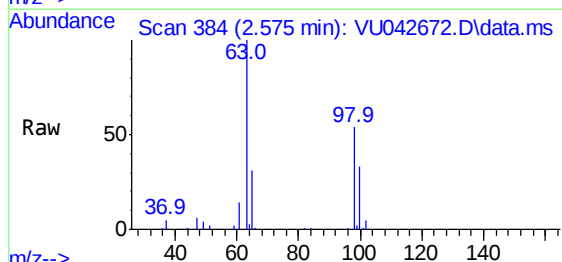
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

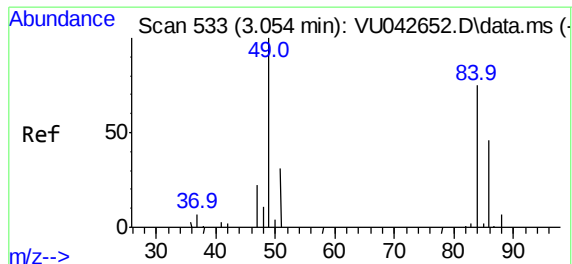
Tgt Ion: 50 Resp: 312
Ion Ratio Lower Upper
50 100
52 63.1 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Tgt Ion: 96 Resp: 299
Ion Ratio Lower Upper
96 100
61 1266.3 126.2 234.4#
63 9014.6 77.8 144.4#

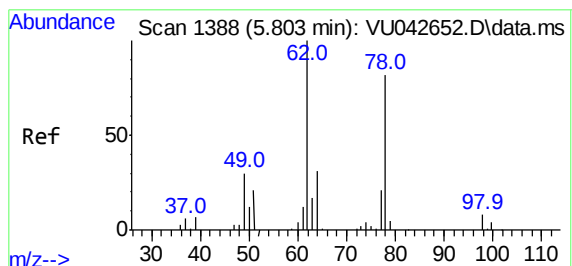
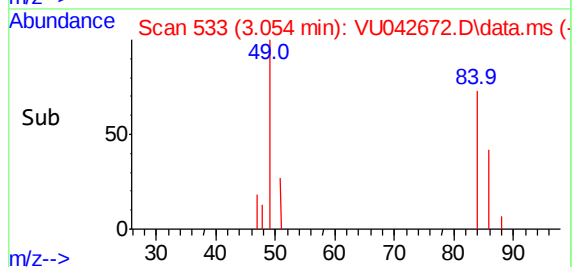
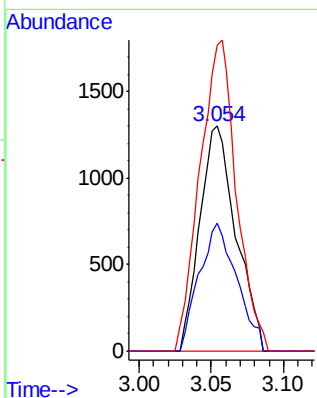
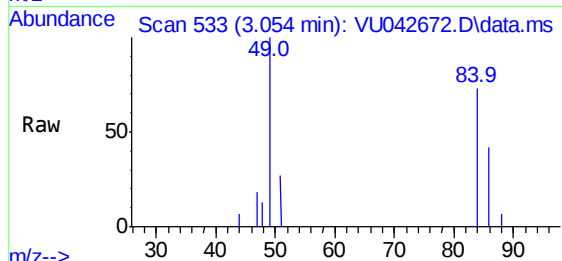




#16
Methylene chloride
Concen: 0.35 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

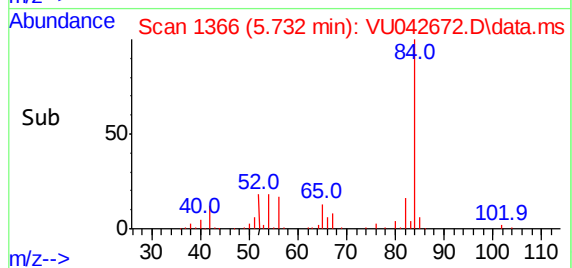
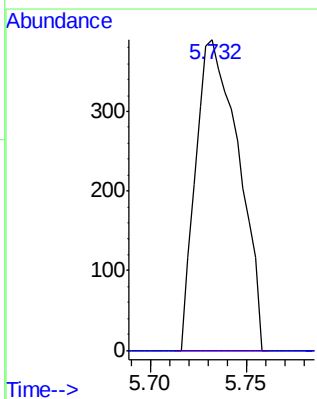
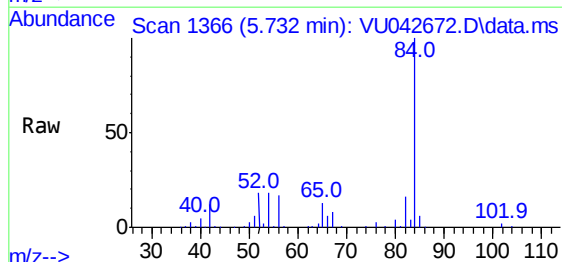
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

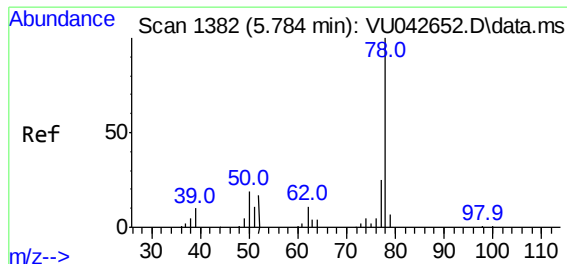
Tgt Ion: 84 Resp: 2263
Ion Ratio Lower Upper
84 100
86 56.8 44.1 81.9
49 136.1 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Tgt Ion: 62 Resp: 604
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

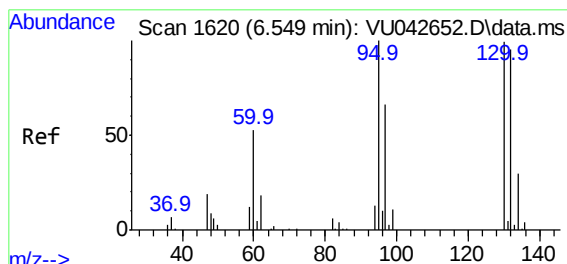
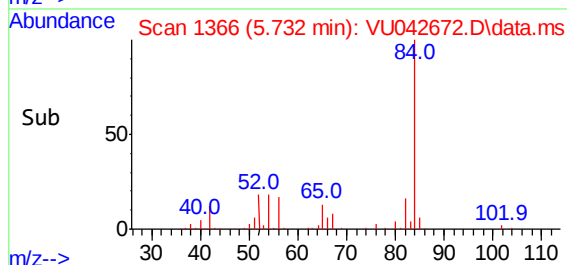
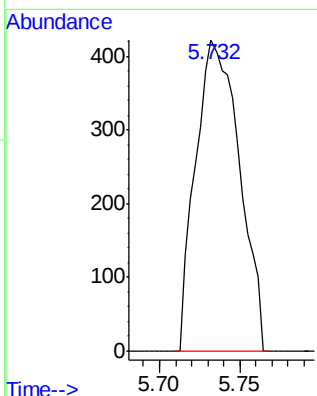
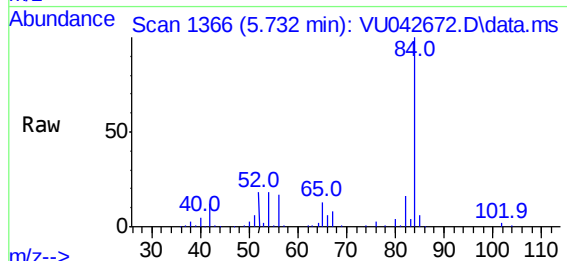




#33
Benzene
Concen: 0.03 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

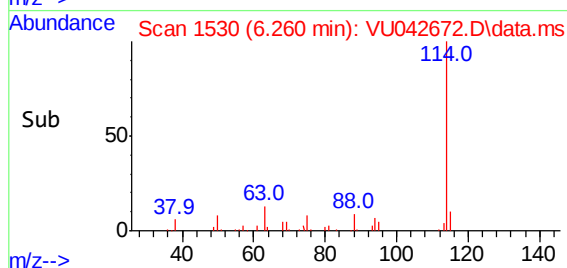
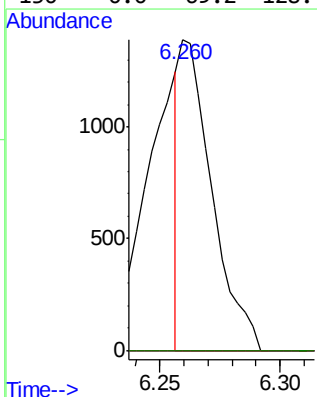
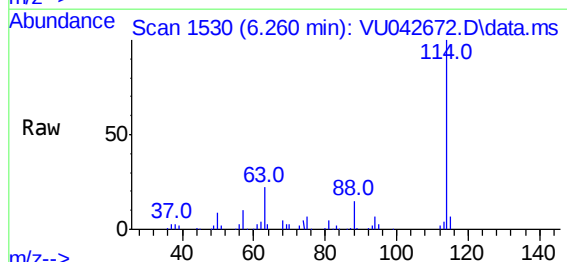
Tgt Ion: 78 Resp: 786

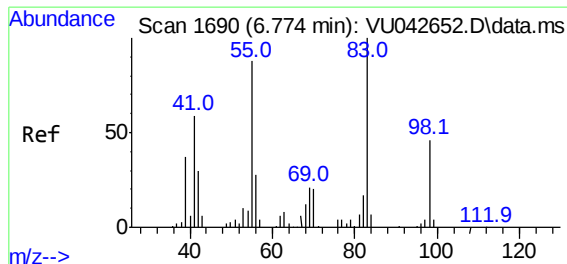


#34
Trichloroethene
Concen: 0.19 ug/L
RT: 6.260 min Scan# 1530
Delta R.T. -0.289 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Tgt Ion: 95 Resp: 1276

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	68.0	126.4#
130	0.0	69.2	128.4#

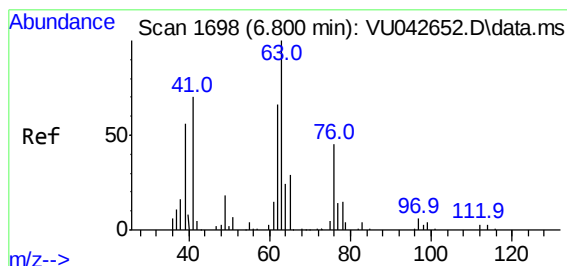
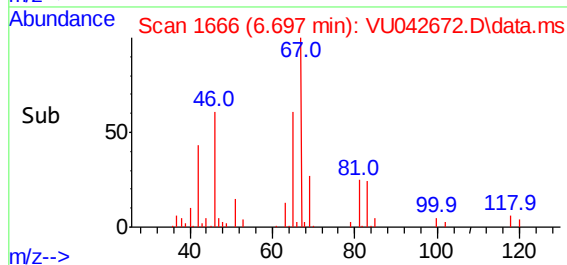
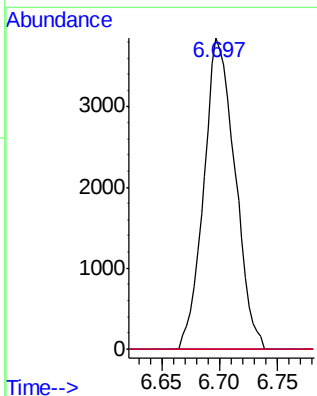
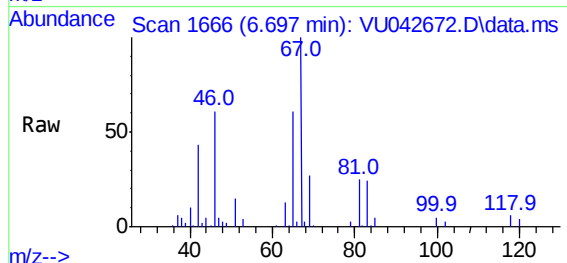




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.077 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

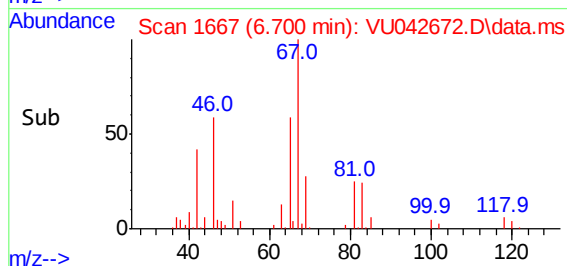
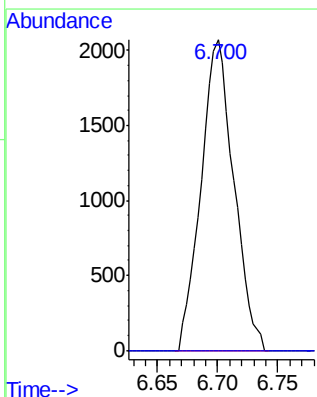
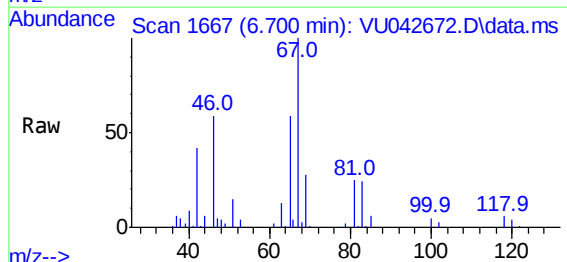
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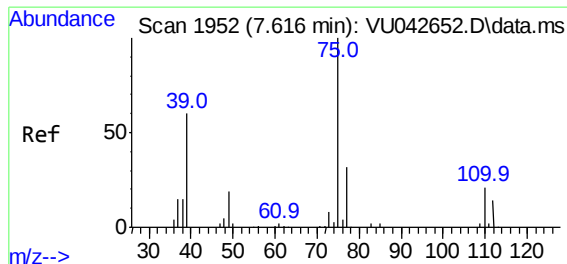
Tgt Ion: 83 Resp: 7188
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Tgt Ion: 63 Resp: 3822
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

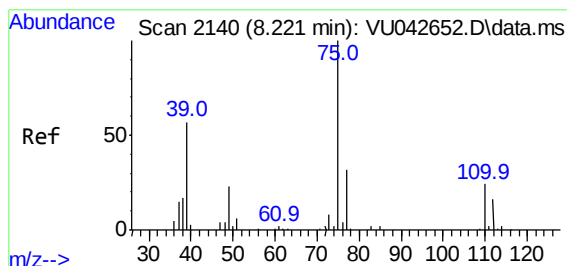
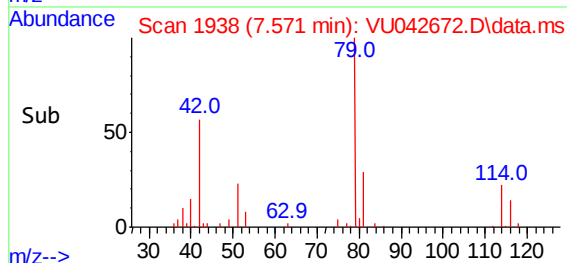
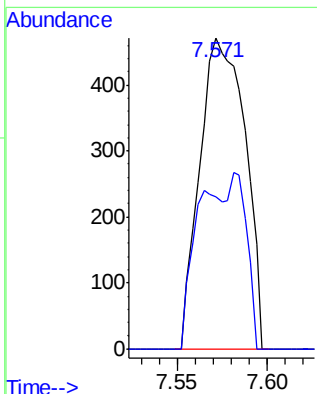
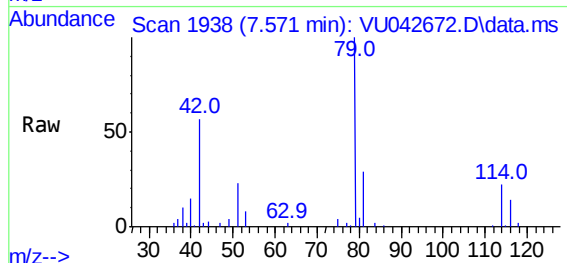




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

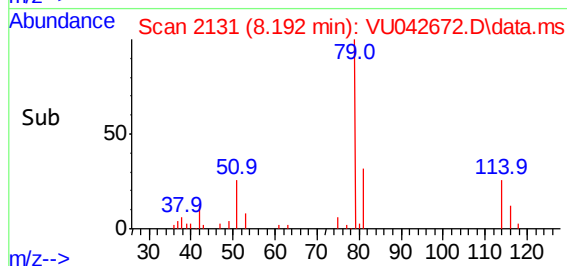
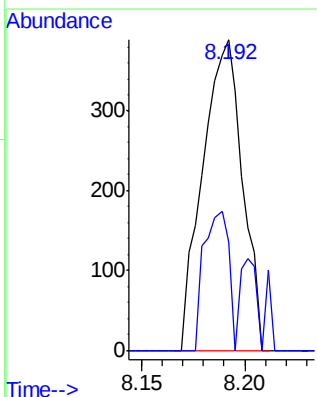
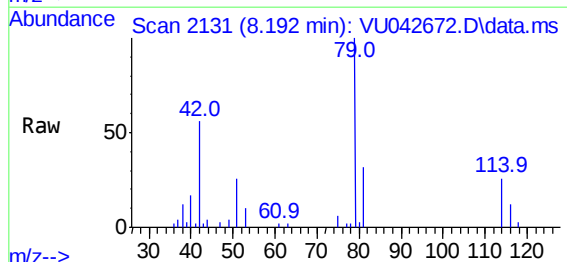
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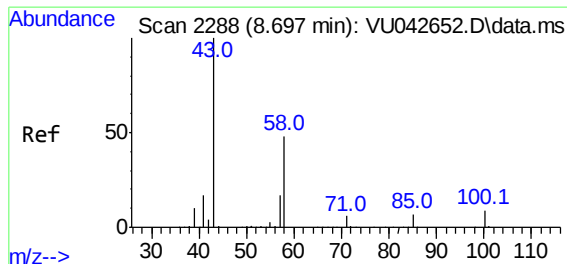
Tgt Ion: 75 Resp: 817
Ion Ratio Lower Upper
75 100
77 48.8 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Tgt Ion: 75 Resp: 521
Ion Ratio Lower Upper
75 100
77 35.0 21.8 40.4

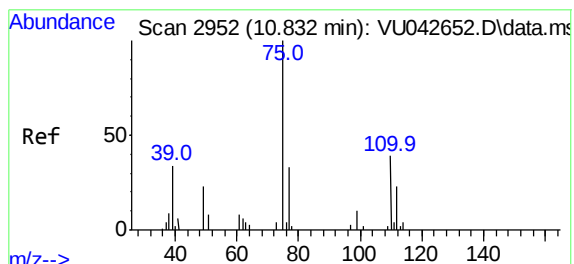
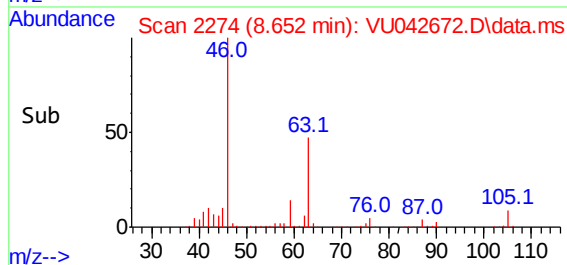
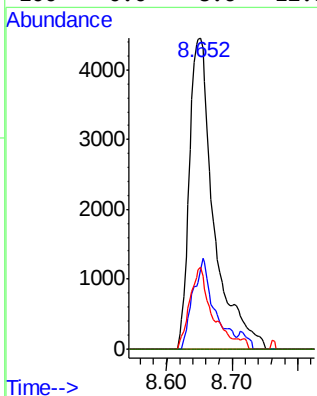
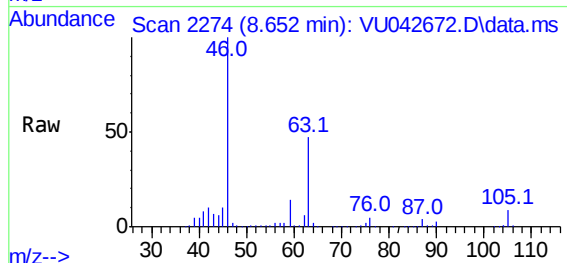




#48
2-Hexanone
Concen: 2.75 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.045 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Instrument :
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Tgt Ion:	43	Resp:	11488
Ion	Ratio	Lower	Upper
43	100		
58	25.4	40.6	61.0#
57	24.4	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.89 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042672.D
Acq: 15 Mar 2021 18:32

Tgt Ion:	75	Resp:	4343
Ion	Ratio	Lower	Upper
75	100		
77	38.5	26.0	39.0

