

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043236.D
 Acq On : 20 Apr 2021 20:16
 Operator : SY/MD
 Sample : M2057-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:03:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

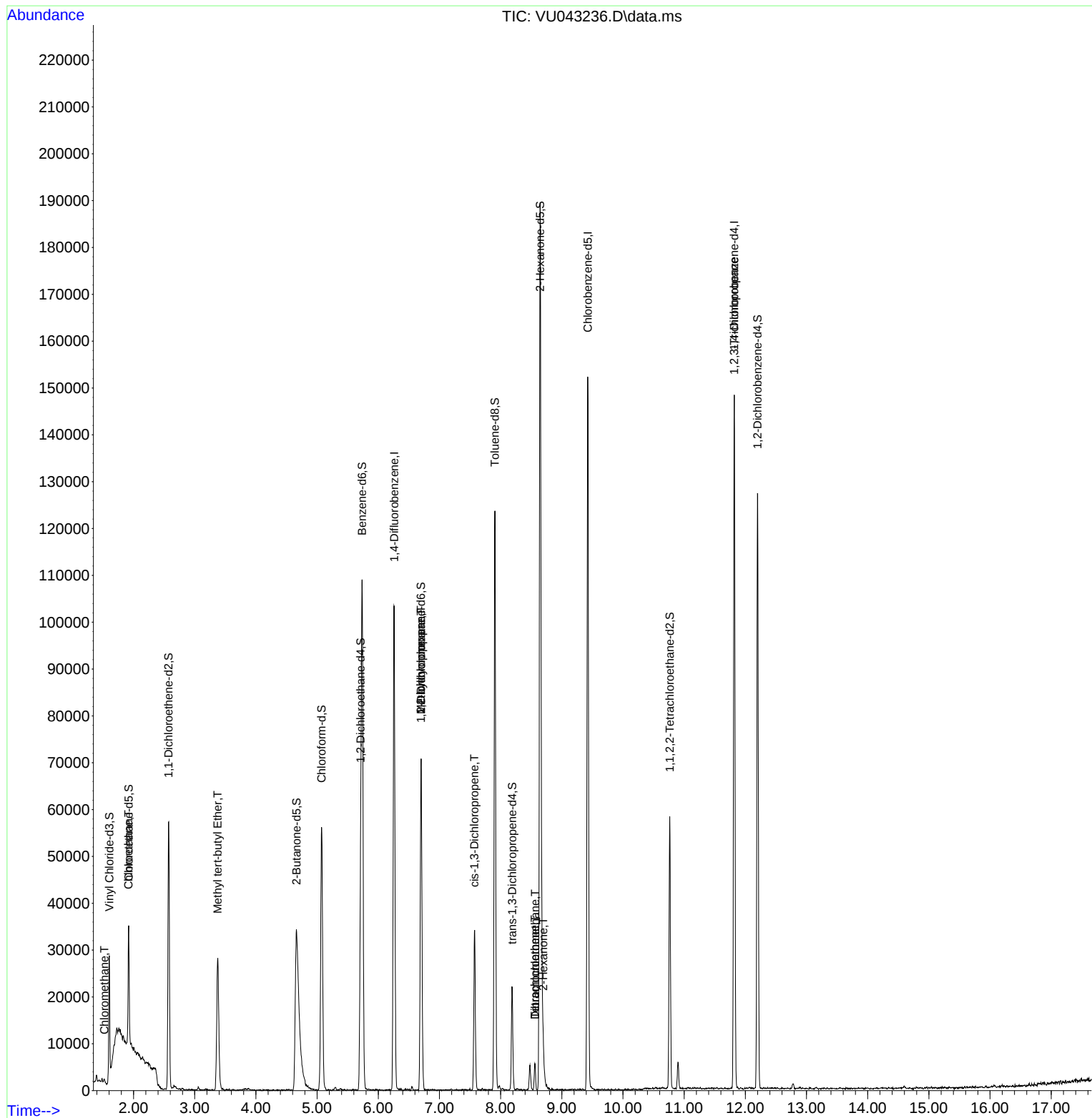
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	76700	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	77021	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	36008	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17107	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.919	69	15727	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.572	65	11149	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.662	46	97468	56.98	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.96%
24) Chloroform-d	5.073	84	50152	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.713	65	31951	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.736	84	87481	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	29233	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	74775	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloroprop...	8.189	79	11194	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.646	63	60279	46.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26574	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	31418	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%
Target Compounds						Qvalue
3) Chloromethane	1.524	50	721	0.15	ug/L #	80
8) Chloroethane	1.916	64	576	0.16	ug/L #	52
17) Methyl tert-butyl Ether	3.376	73	28778	2.06	ug/L #	93
35) Methylcyclohexane	6.700	83	6960	0.89	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	3656	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.572	75	888	0.10	ug/L	91
47) Tetrachloroethene	8.559	164	1118	0.25	ug/L	92
48) 2-Hexanone	8.697	43	3425	0.90	ug/L #	80
49) Dibromochloromethane	8.562	129	1141	0.21	ug/L #	9
61) 1,2,3-Trichloropropane	11.816	75	4727	1.27	ug/L #	59

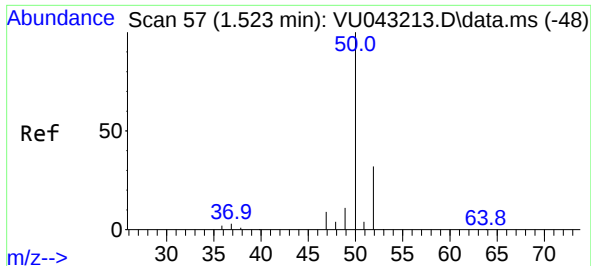
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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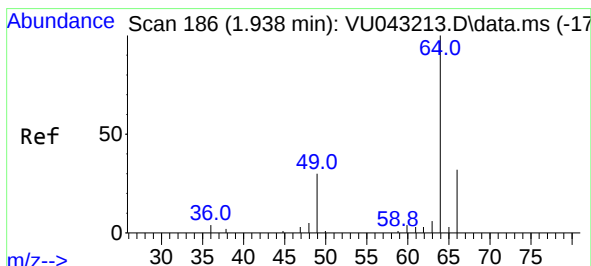
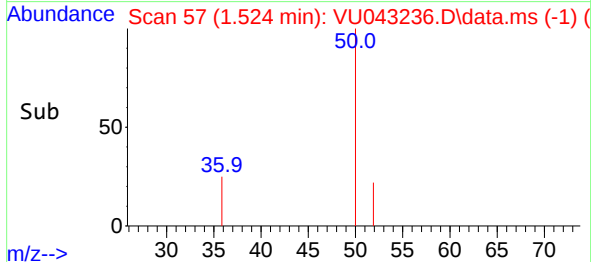
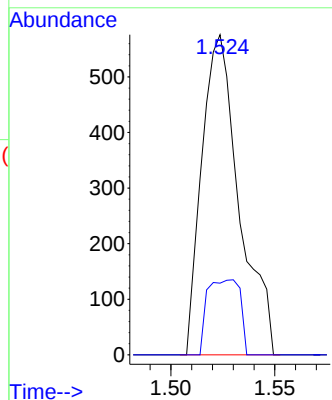
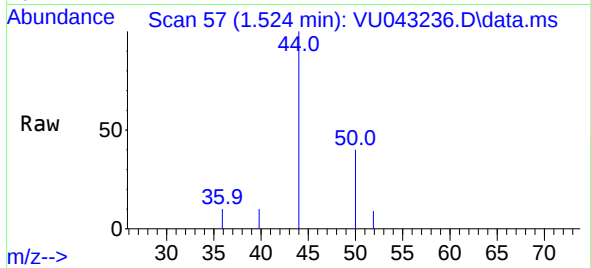




#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

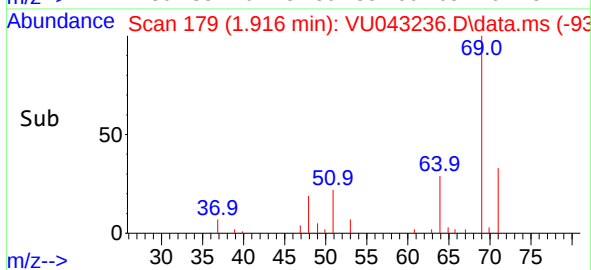
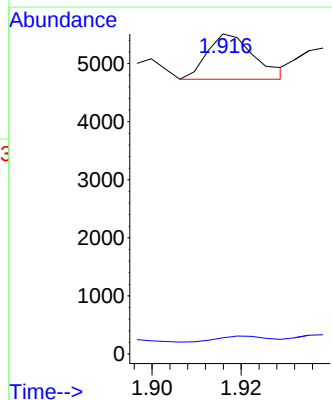
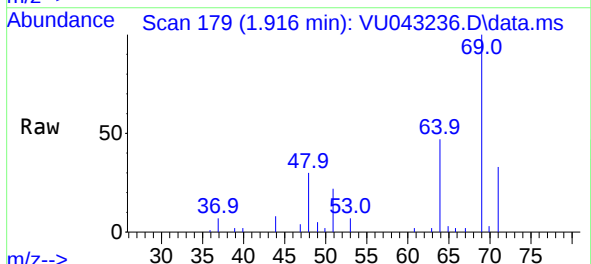
Instrument :
MSVOA_U
ClientSampled :

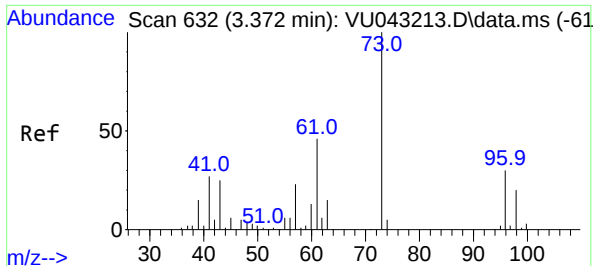
Tgt Ion: 50 Resp: 721
Ion Ratio Lower Upper
50 100
52 22.4 23.6 43.8#



#8
Chloroethane
Concen: 0.16 ug/L
RT: 1.916 min Scan# 179
Delta R.T. -0.022 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 64 Resp: 576
Ion Ratio Lower Upper
64 100
66 5.1 22.4 41.6#



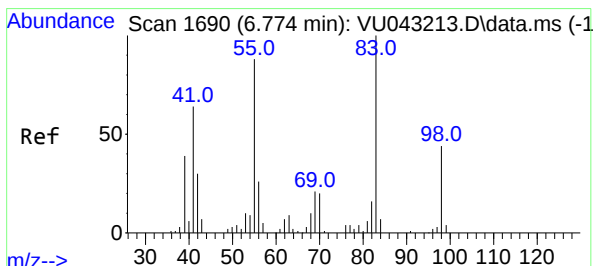
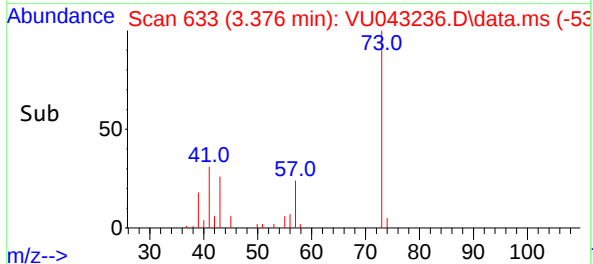
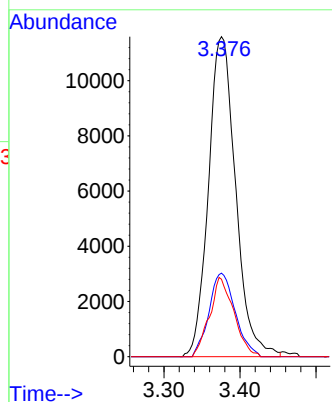
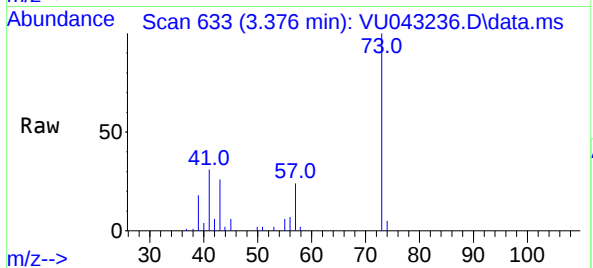


#17

Methyl tert-butyl Ether
Concen: 2.06 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.004 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

Instrument :
MSVOA_U
ClientSampled :

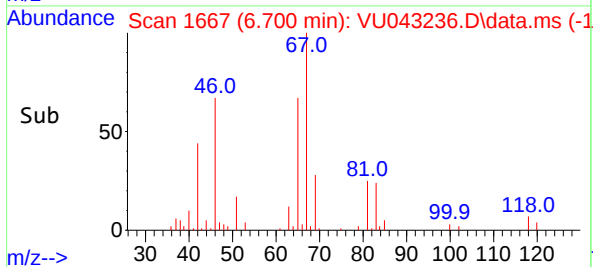
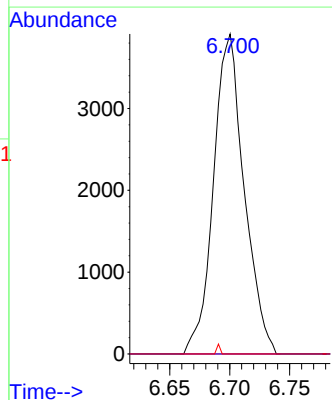
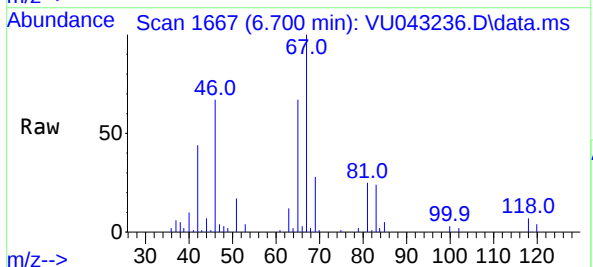
Tgt Ion: 73 Resp: 28778
Ion Ratio Lower Upper
73 100
43 25.2 15.0 22.4#
57 22.2 17.3 25.9

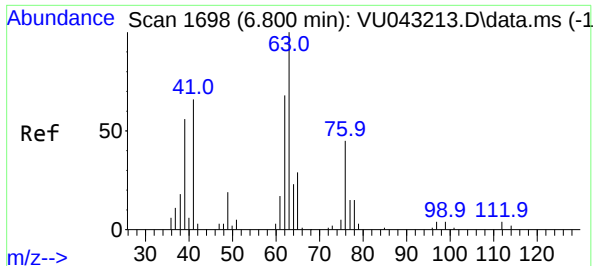


#35

Methylcyclohexane
Concen: 0.89 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 83 Resp: 6960
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.3 37.9 56.9#

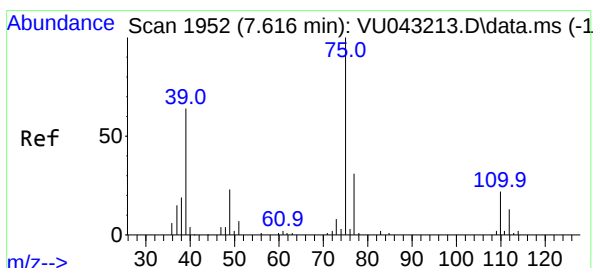
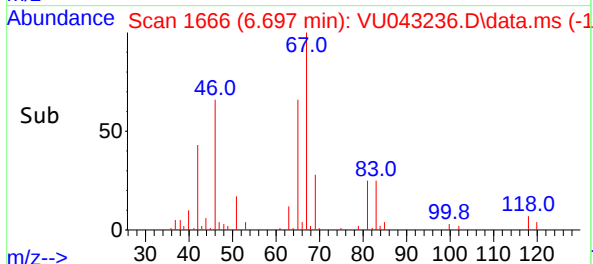
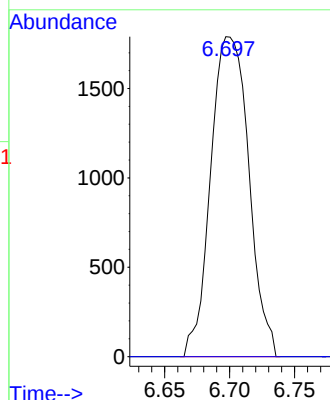
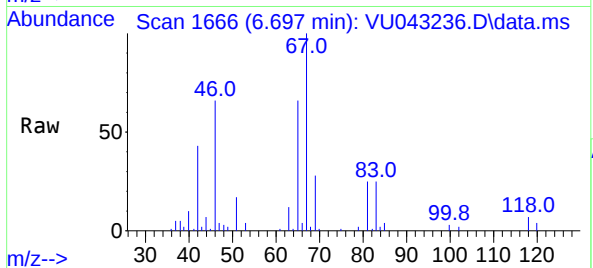




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.102 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

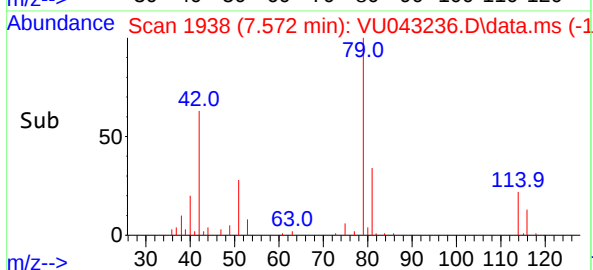
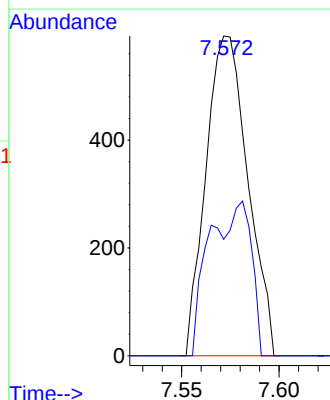
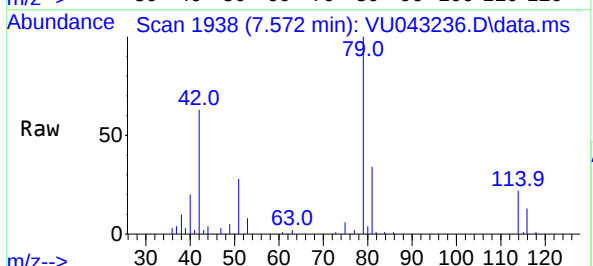
Instrument :
MSVOA_U
ClientSampled :

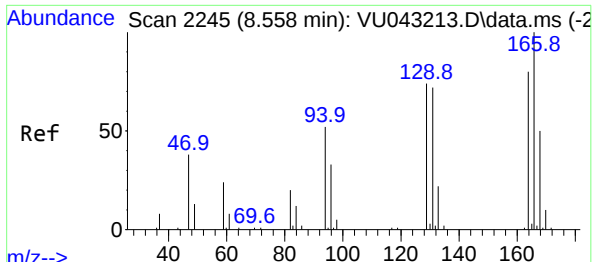
Tgt Ion: 63 Resp: 3656
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 75 Resp: 888
Ion Ratio Lower Upper
75 100
77 36.4 21.8 40.6





#47

Tetrachloroethene

Concen: 0.25 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU043236.D

Acq: 20 Apr 2021 20:16

Tgt Ion:164 Resp: 1118

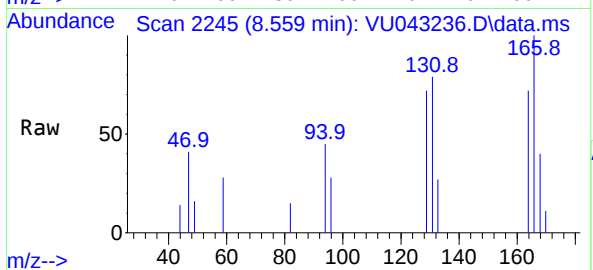
Ion Ratio Lower Upper

164 100

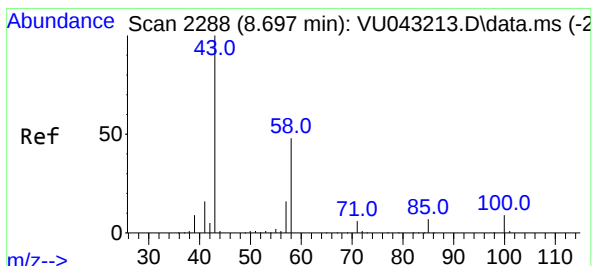
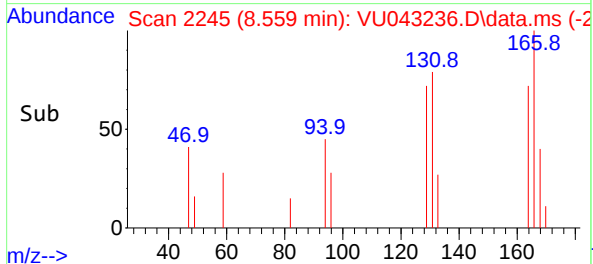
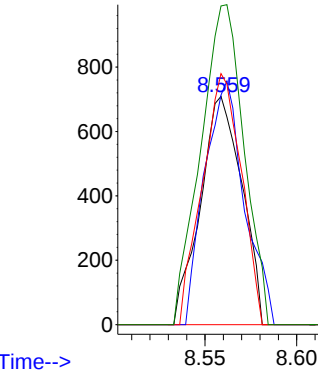
129 100.6 66.6 123.8

131 110.0 65.9 122.3

166 139.6 93.7 173.9



Abundance



#48

2-Hexanone

Concen: 0.90 ug/L

RT: 8.697 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VU043236.D

Acq: 20 Apr 2021 20:16

Tgt Ion: 43 Resp: 3425

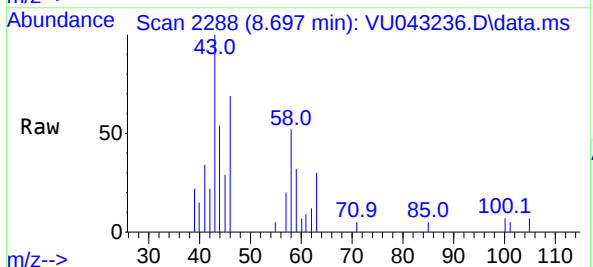
Ion Ratio Lower Upper

43 100

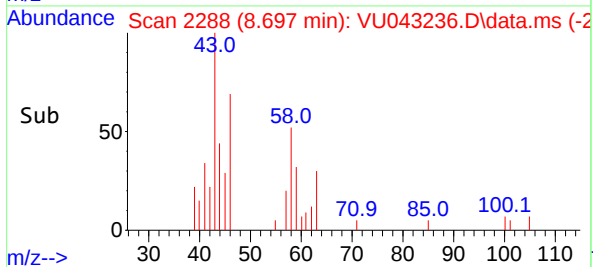
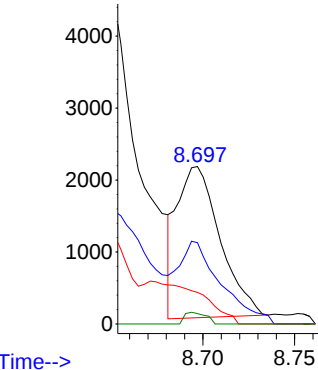
58 54.9 50.0 75.0

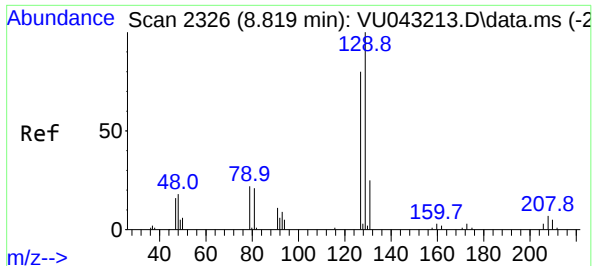
57 0.0 17.4 26.0#

100 3.9 11.8 17.8#



Abundance

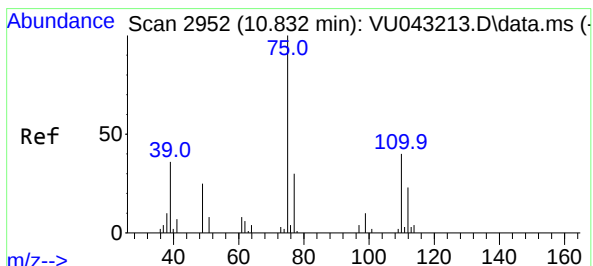
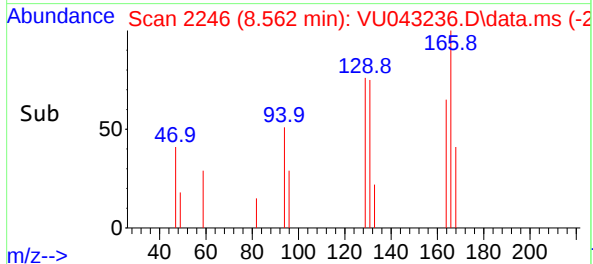
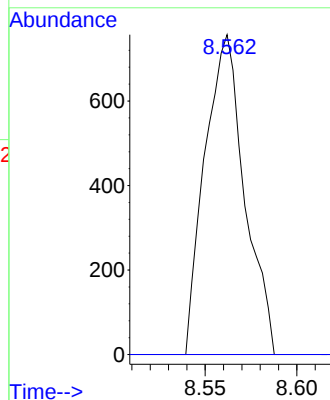
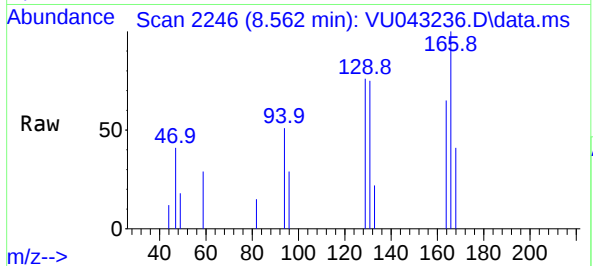




#49
Dibromochloromethane
Concen: 0.21 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:129 Resp: 1141
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



#61
1,2,3-Trichloropropane
Concen: 1.27 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043236.D
Acq: 20 Apr 2021 20:16

Tgt Ion: 75 Resp: 4727
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 40.8 26.3 39.5#

