

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042596.D
 Acq On : 12 Mar 2021 04:44
 Operator : SY/MD
 Sample : M1654-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BC4

Quant Time: Mar 12 05:44:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

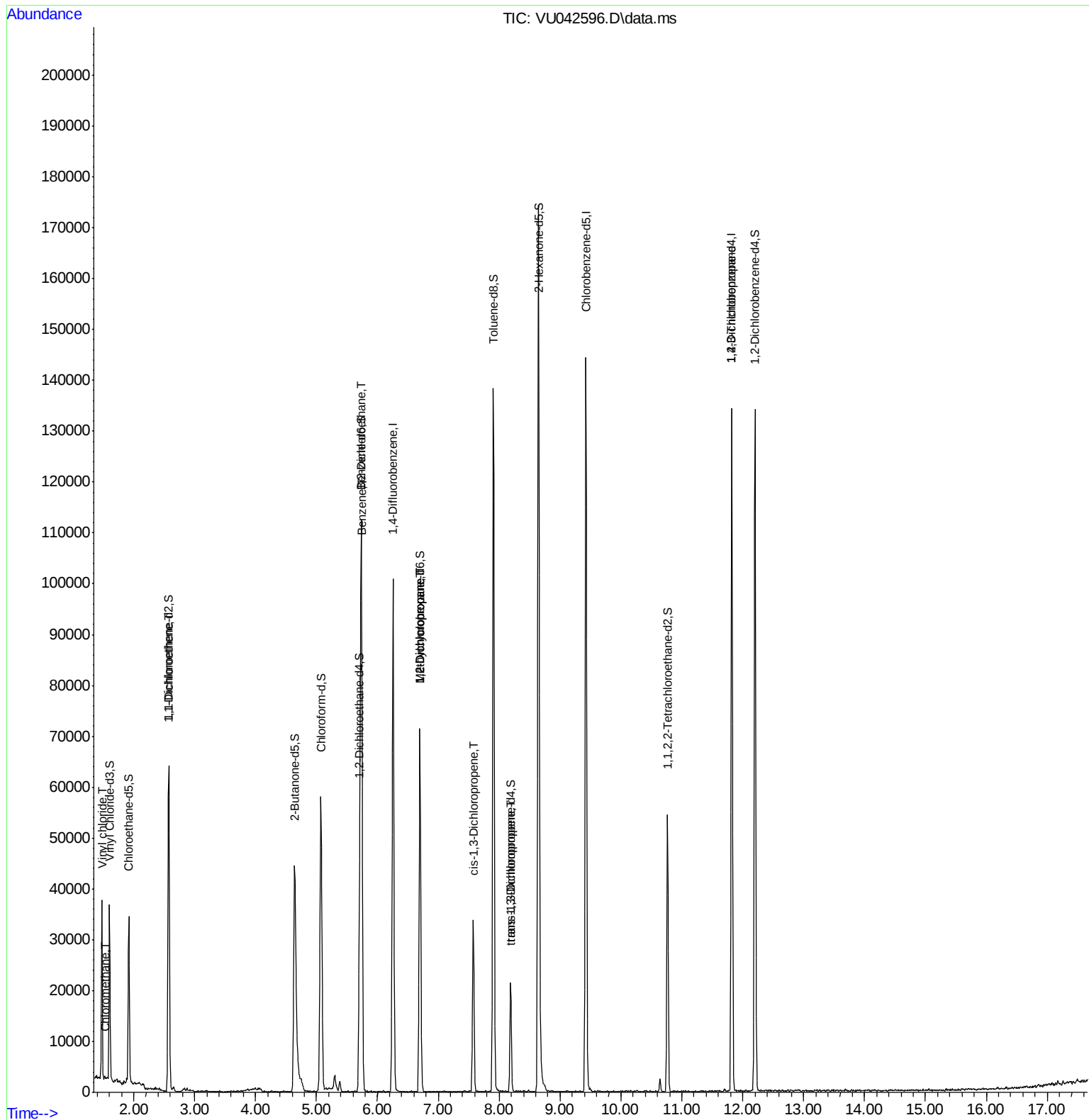
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	76191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	73634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	33820	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24384	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.919	69	21613	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.575	63	40016	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.642	46	84854	50.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	5.073	84	49337	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.710	65	32356	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.738	84	91988	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.700	67	29683	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.906	98	86325	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloroprop...	8.185	79	11123	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.645	63	56756	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24614	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	32318	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						
3) Chloromethane	1.523	50	527	0.08	ug/L #	52
5) Vinyl chloride	1.478	62	276	0.04	ug/L #	42
12) 1,1-Dichloroethene	2.571	96	301	0.06	ug/L #	1
27) 1,2-Dichloroethane	5.738	62	616	0.07	ug/L #	75
33) Benzene	5.742	78	748	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7364	0.76	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3617	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1066	0.12	ug/L	86
44) trans-1,3-Dichloropropene	8.192	75	567	0.07	ug/L #	80
59) 1,2,3-Trichloropropane	11.819	75	4369	0.93	ug/L	89

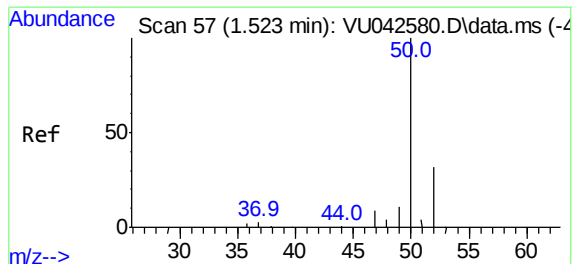
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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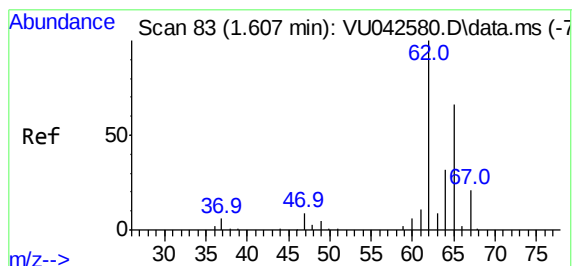
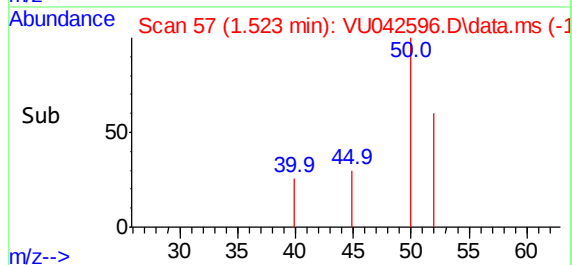
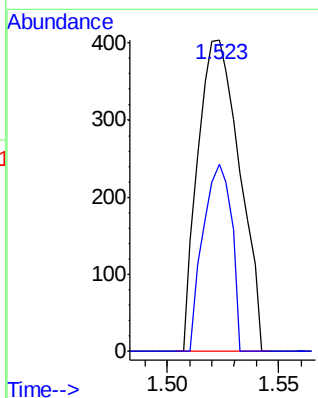
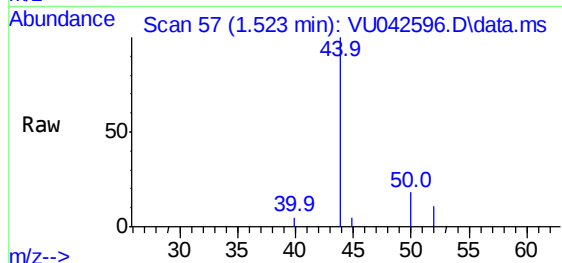




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

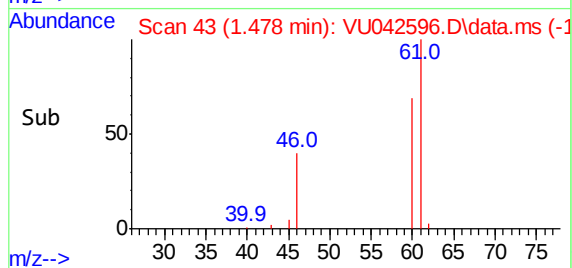
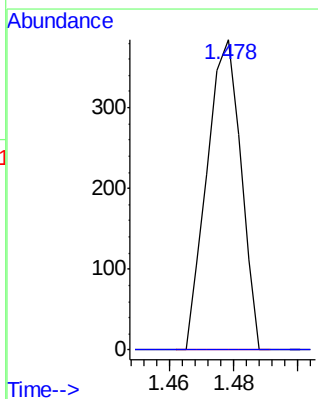
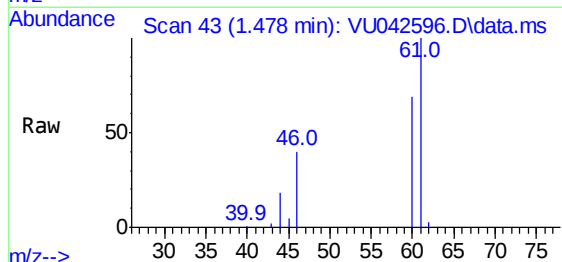
Instrument :
MSVOA_U
ClientSampleId :
C0BC4

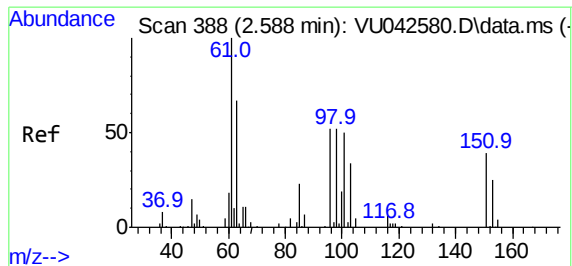
Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 59.9 23.0 42.8#



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.478 min Scan# 43
Delta R.T. -0.129 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Tgt Ion: 62 Resp: 276
Ion Ratio Lower Upper
62 100
64 0.0 22.7 42.1#

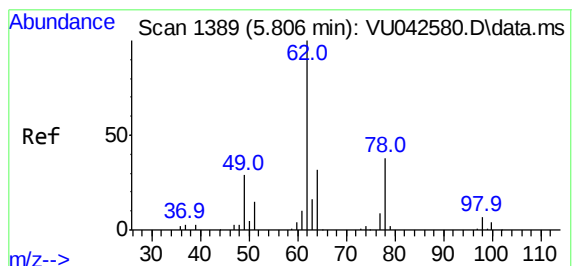
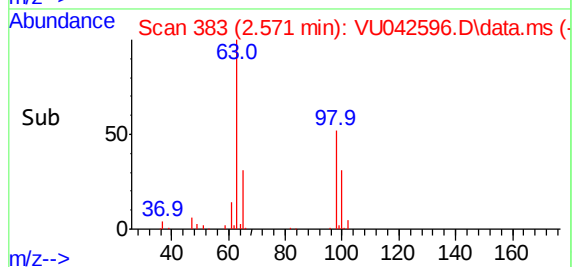
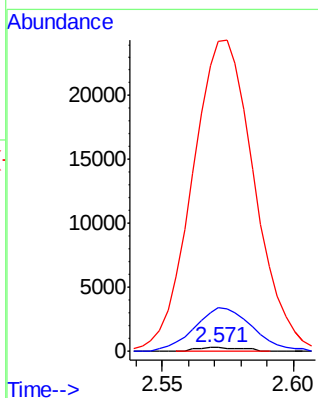
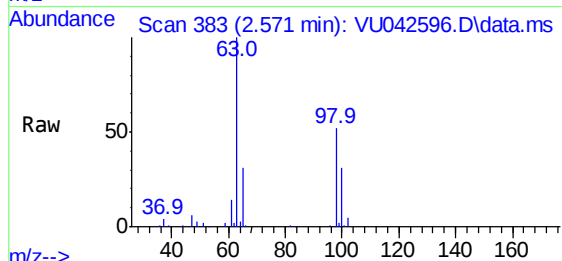




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

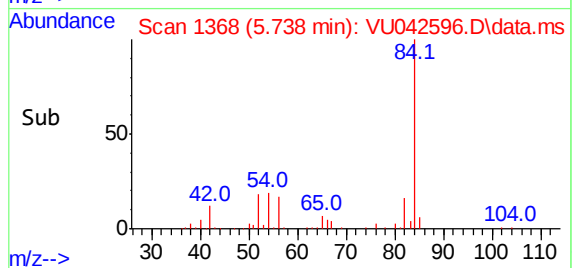
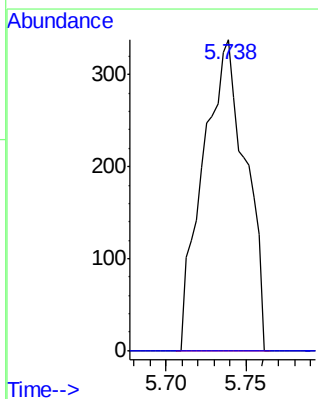
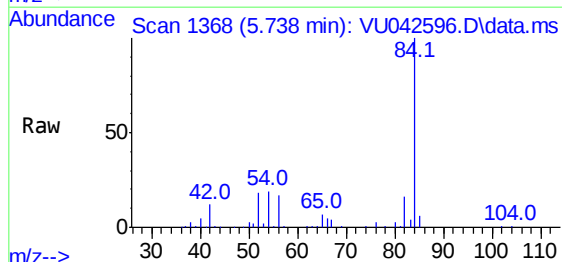
Instrument :
MSVOA_U
ClientSampled :
C0BC4

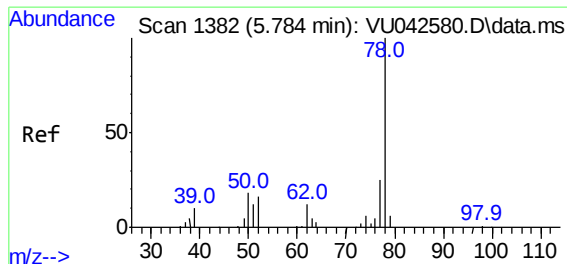
Tgt Ion: 96 Resp: 301
Ion Ratio Lower Upper
96 100
61 1390.9 126.2 234.4#
63 9998.4 77.8 144.4#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Tgt Ion: 62 Resp: 616
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

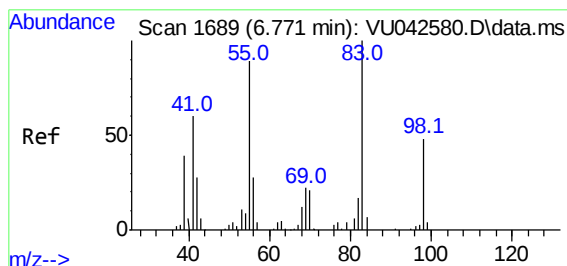
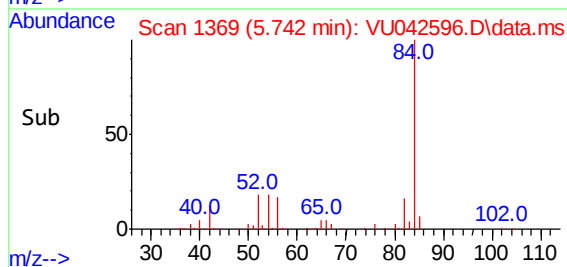
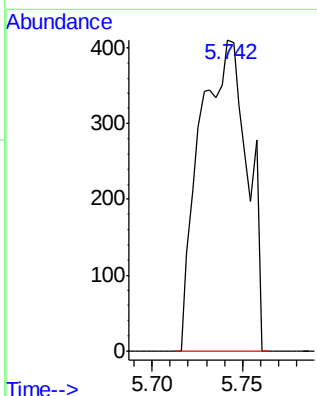
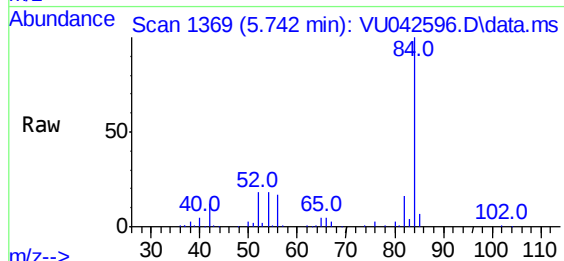




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Instrument :
MSVOA_U
ClientSampleId :
C0BC4

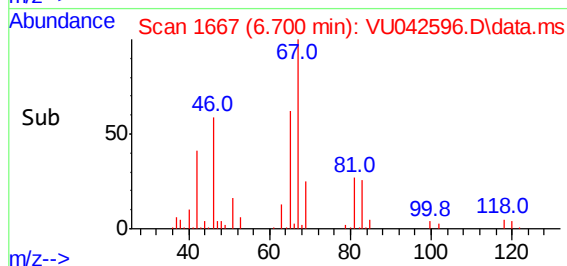
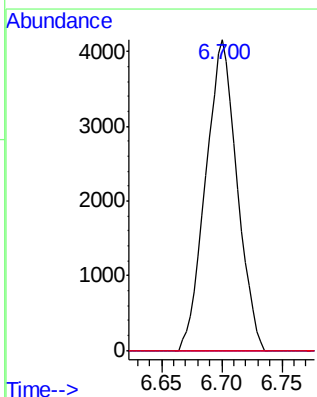
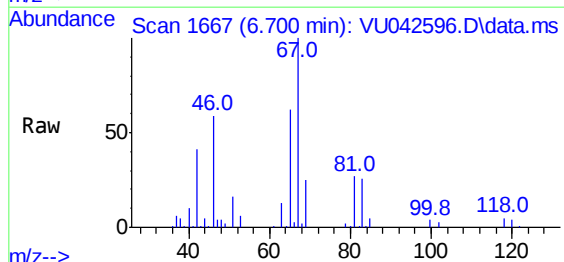
Tgt Ion: 78 Resp: 748

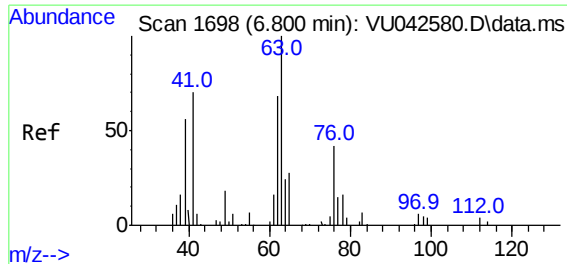


#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Tgt Ion: 83 Resp: 7364

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

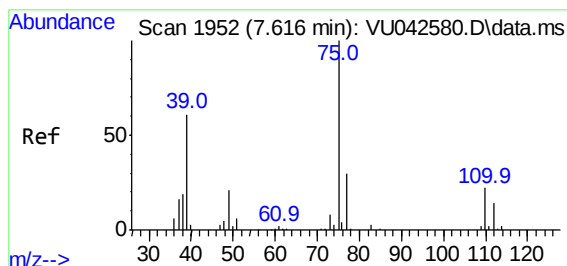
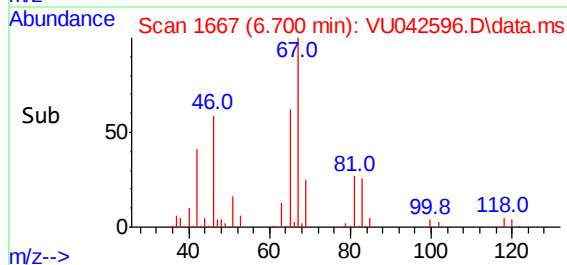
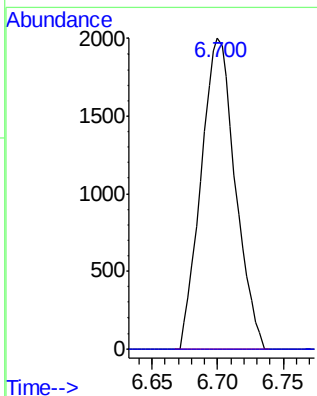
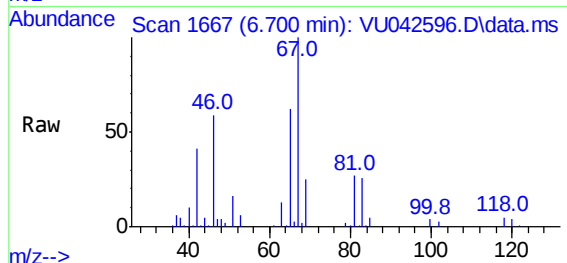




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

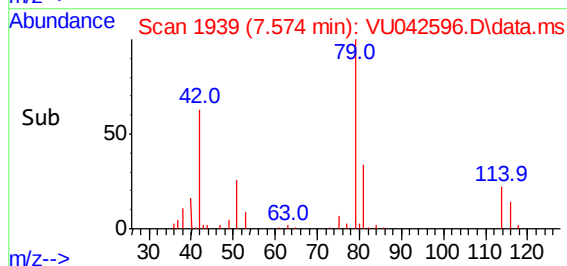
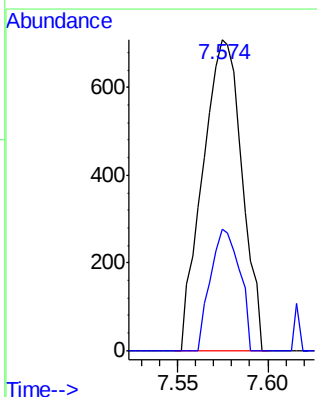
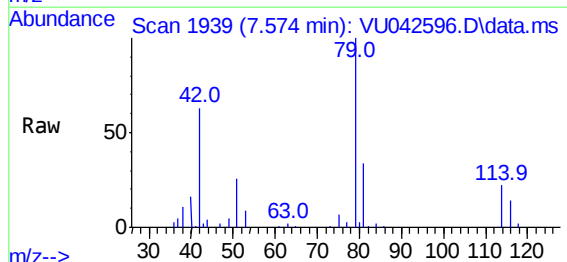
Instrument :
MSVOA_U
ClientSampleId :
C0BC4

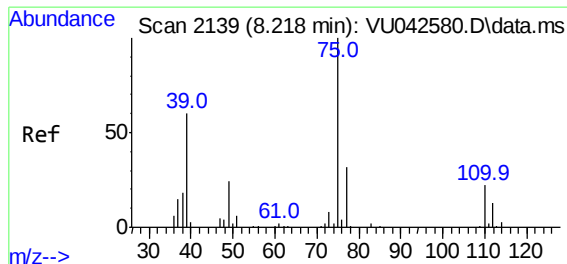
Tgt Ion: 63 Resp: 3617
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Tgt Ion: 75 Resp: 1066
Ion Ratio Lower Upper
75 100
77 38.9 22.0 40.8



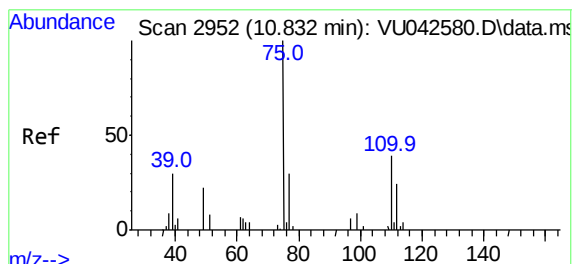
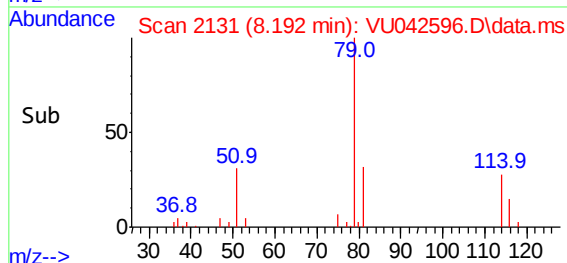
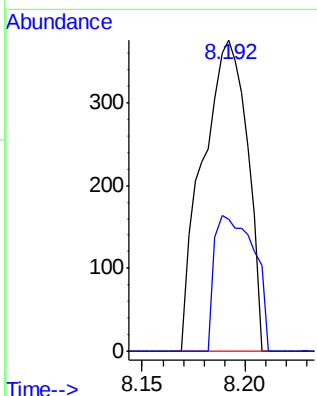
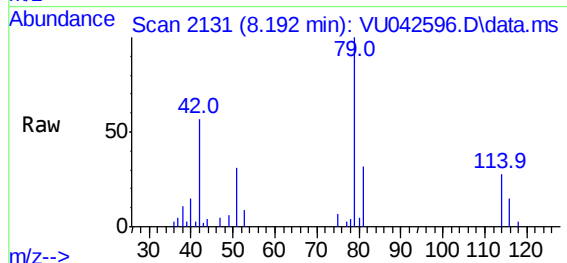


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Instrument :
MSVOA_U
ClientSampled :
C0BC4

Tgt Ion: 75 Resp: 567
Ion Ratio Lower Upper
75 100
77 42.3 21.8 40.4#



#59

1,2,3-Trichloropropane
Concen: 0.93 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042596.D
Acq: 12 Mar 2021 04:44

Tgt Ion: 75 Resp: 4369
Ion Ratio Lower Upper
75 100
77 38.6 26.0 39.0

