

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042590.D
 Acq On : 12 Mar 2021 02:20
 Operator : SY/MD
 Sample : M1654-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B97

Quant Time: Mar 12 02:46:42 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

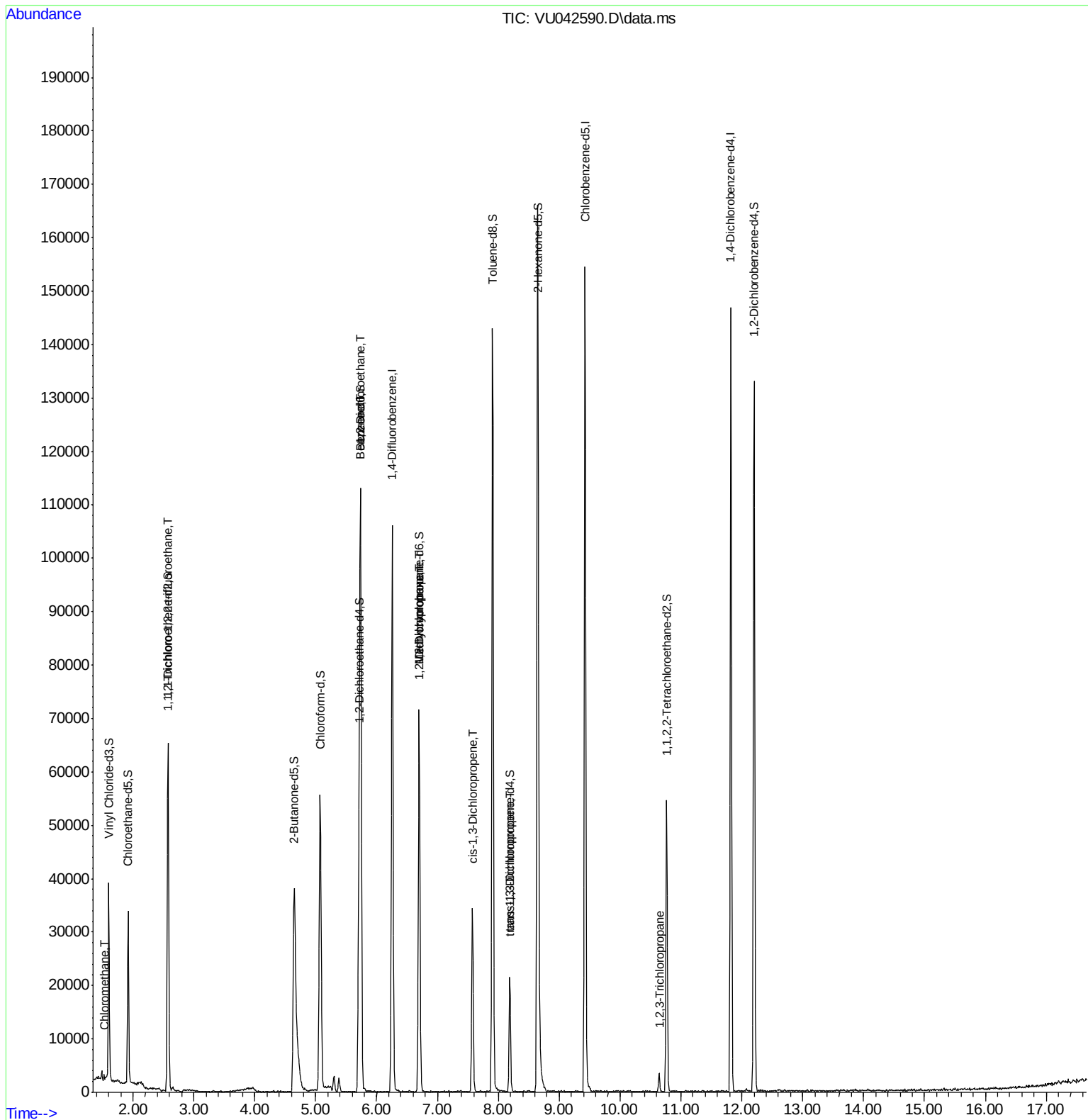
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

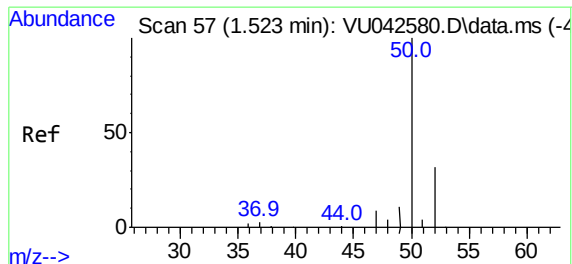
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	82194	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	79733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36418	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25273	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.919	69	20799	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.575	63	39470	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.649	46	84716	47.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.18%
24) Chloroform-d	5.076	84	49721	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.713	65	33417	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.739	84	92821	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	30242	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.906	98	87530	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.189	79	11234	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.645	63	58483	41.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.92%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24183	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	33257	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%
Target Compounds						
3) Chloromethane	1.523	50	495	0.07	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	284	0.05	ug/L #	18
27) 1,2-Dichloroethane	5.735	62	563	0.06	ug/L #	75
33) Benzene	5.732	78	880	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	7072	0.67	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3842	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	845	0.09	ug/L #	80
44) trans-1,3-Dichloropropene	8.185	75	510	0.06	ug/L #	61
59) 1,2,3-Trichloropropane	10.645	75	596	0.12	ug/L #	42

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

Instrument :
MSVOA_U
ClientSampleId :
C0B97

Quant Time: Mar 12 02:46:42 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

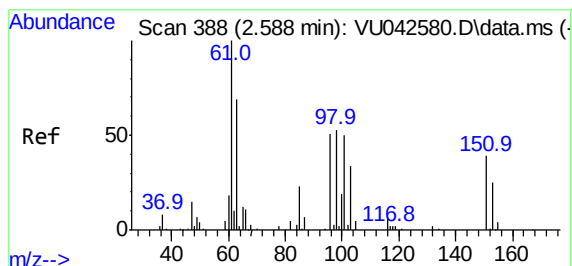
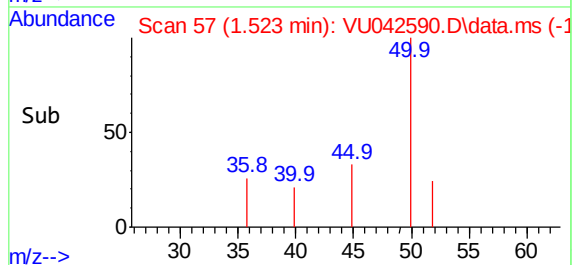
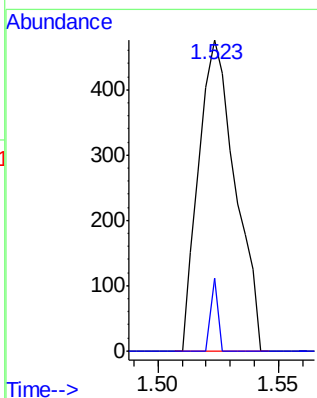
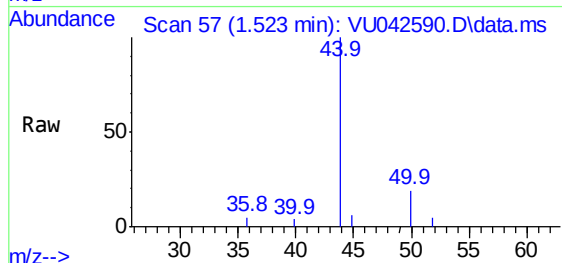




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

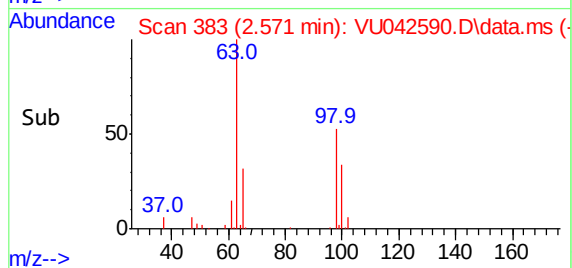
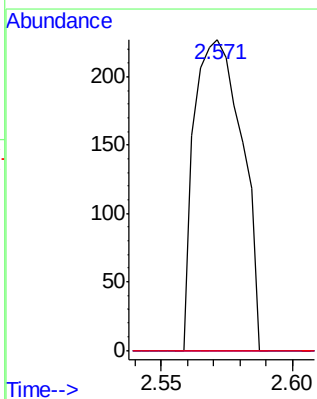
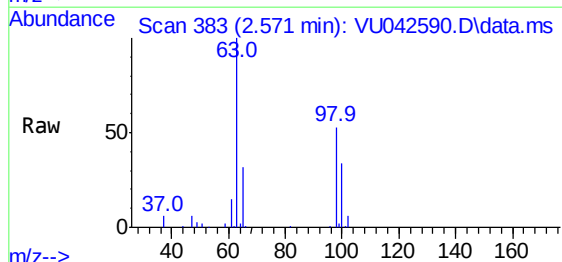
Instrument :
MSVOA_U
ClientSampleId :
C0B97

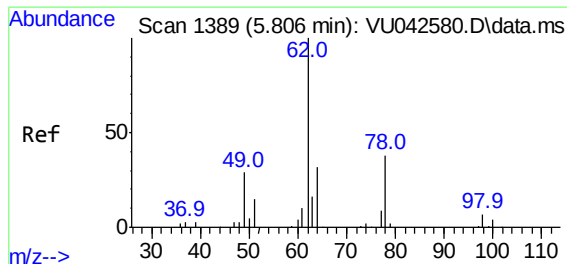
Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 23.5 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

Tgt Ion:101 Resp: 284
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

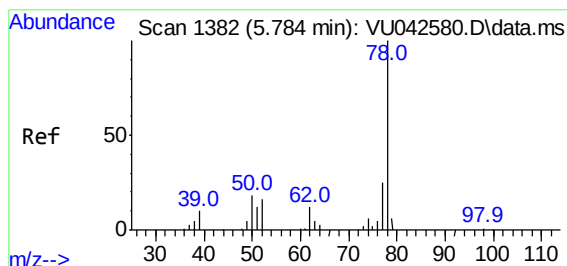
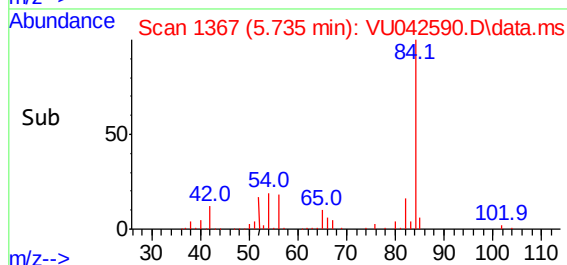
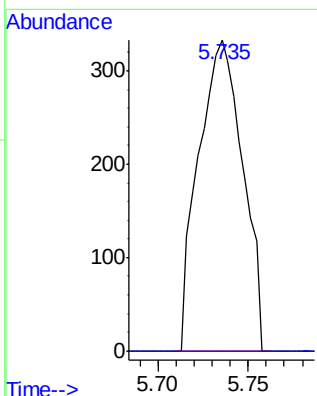
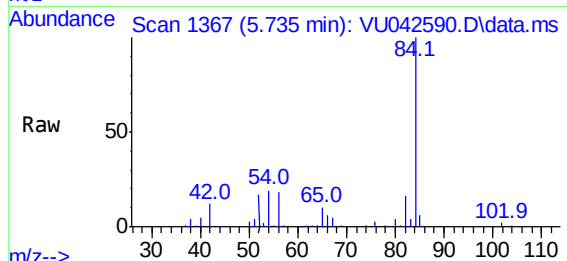




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

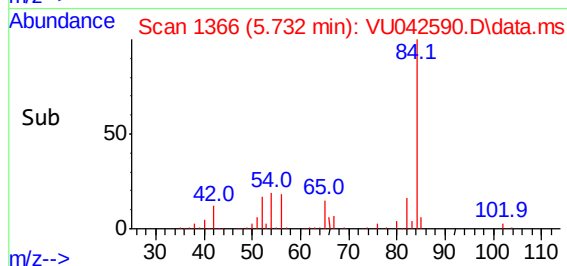
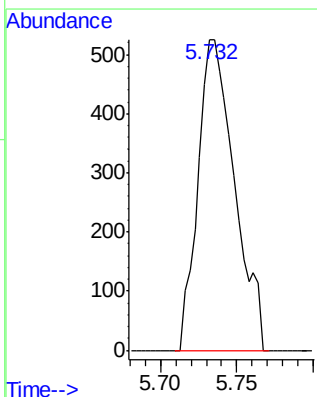
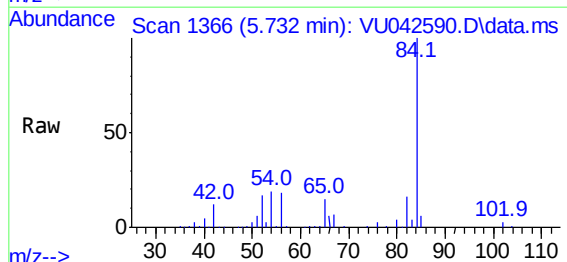
Instrument :
MSVOA_U
ClientSampled :
C0B97

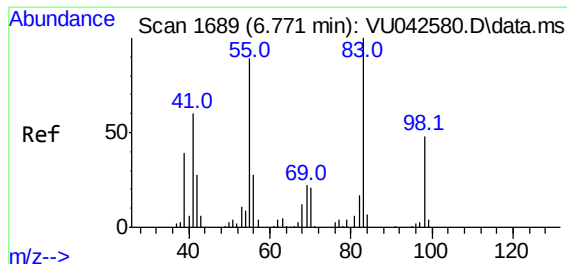
Tgt Ion: 62 Resp: 563
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.052 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

Tgt Ion: 78 Resp: 880

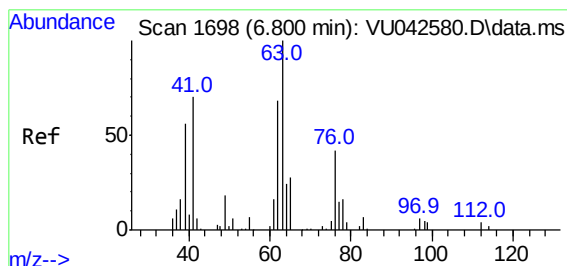
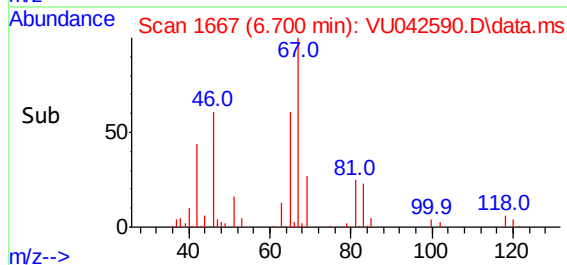
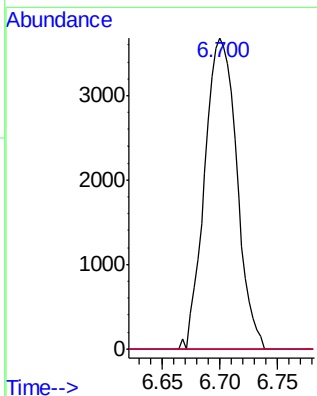
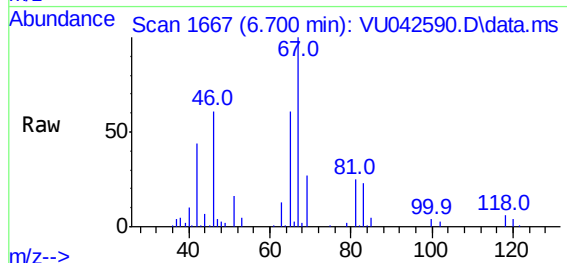




#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

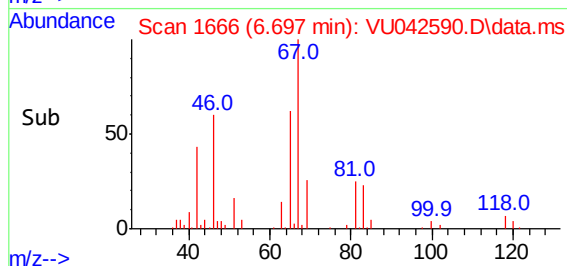
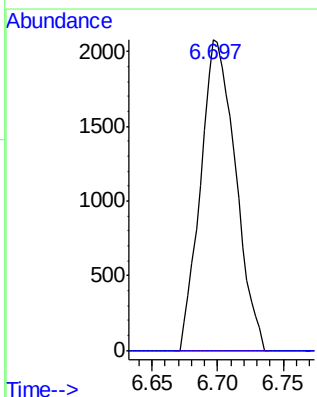
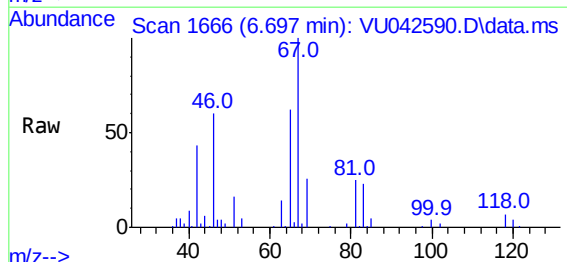
Instrument :
MSVOA_U
ClientSampleId :
C0B97

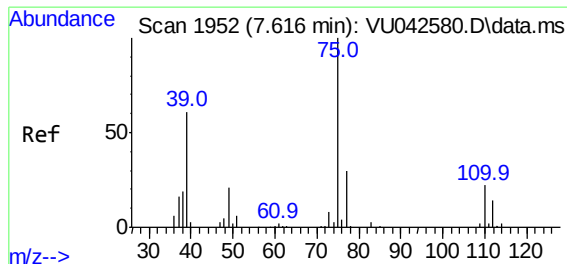
Tgt Ion: 83 Resp: 7072
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

Tgt Ion: 63 Resp: 3842
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

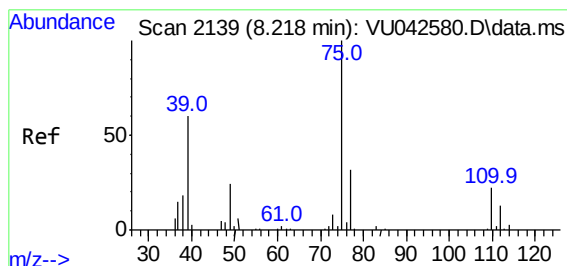
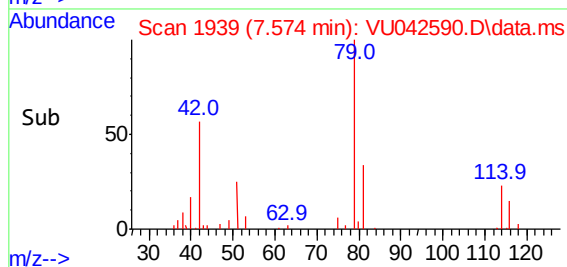
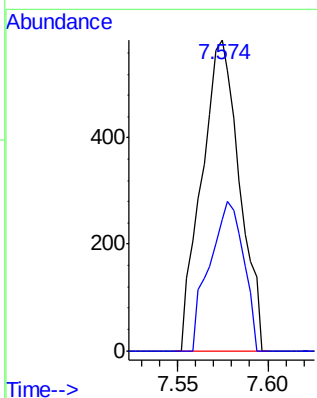
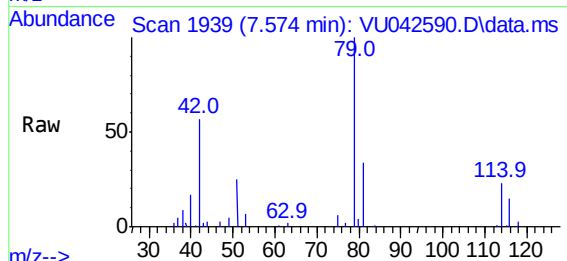




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

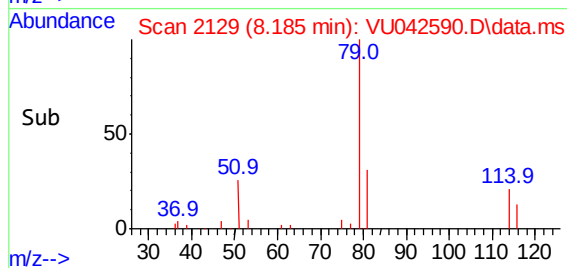
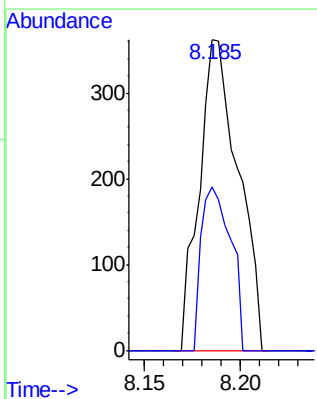
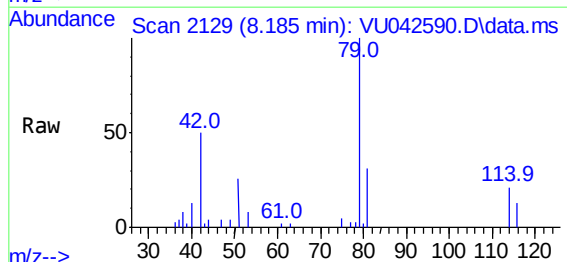
Instrument :
MSVOA_U
ClientSampleId :
C0B97

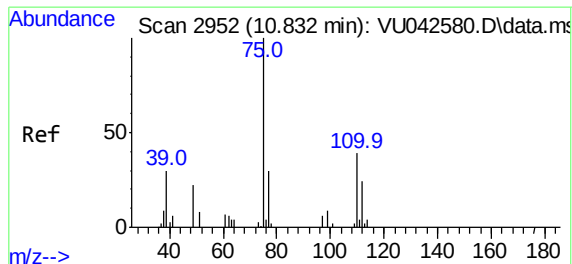
Tgt Ion: 75 Resp: 845
Ion Ratio Lower Upper
75 100
77 42.5 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042590.D
Acq: 12 Mar 2021 02:20

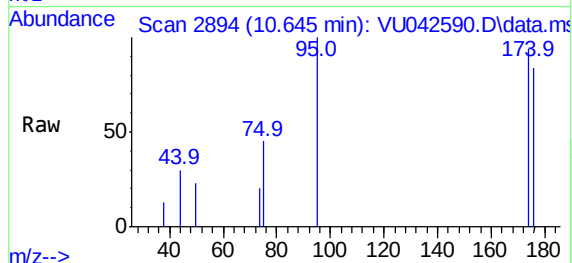
Tgt Ion: 75 Resp: 510
Ion Ratio Lower Upper
75 100
77 52.5 21.8 40.4#





#59
 1,2,3-Trichloropropane
 Concen: 0.12 ug/L
 RT: 10.645 min Scan# 2894
 Delta R.T. -0.187 min
 Lab File: VU042590.D
 Acq: 12 Mar 2021 02:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B97



Tgt Ion: 75 Resp: 596
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

