

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042484.D
 Acq On : 04 Mar 2021 15:00
 Operator : SY/MD
 Sample : M1570-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G04

Quant Time: Mar 05 00:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

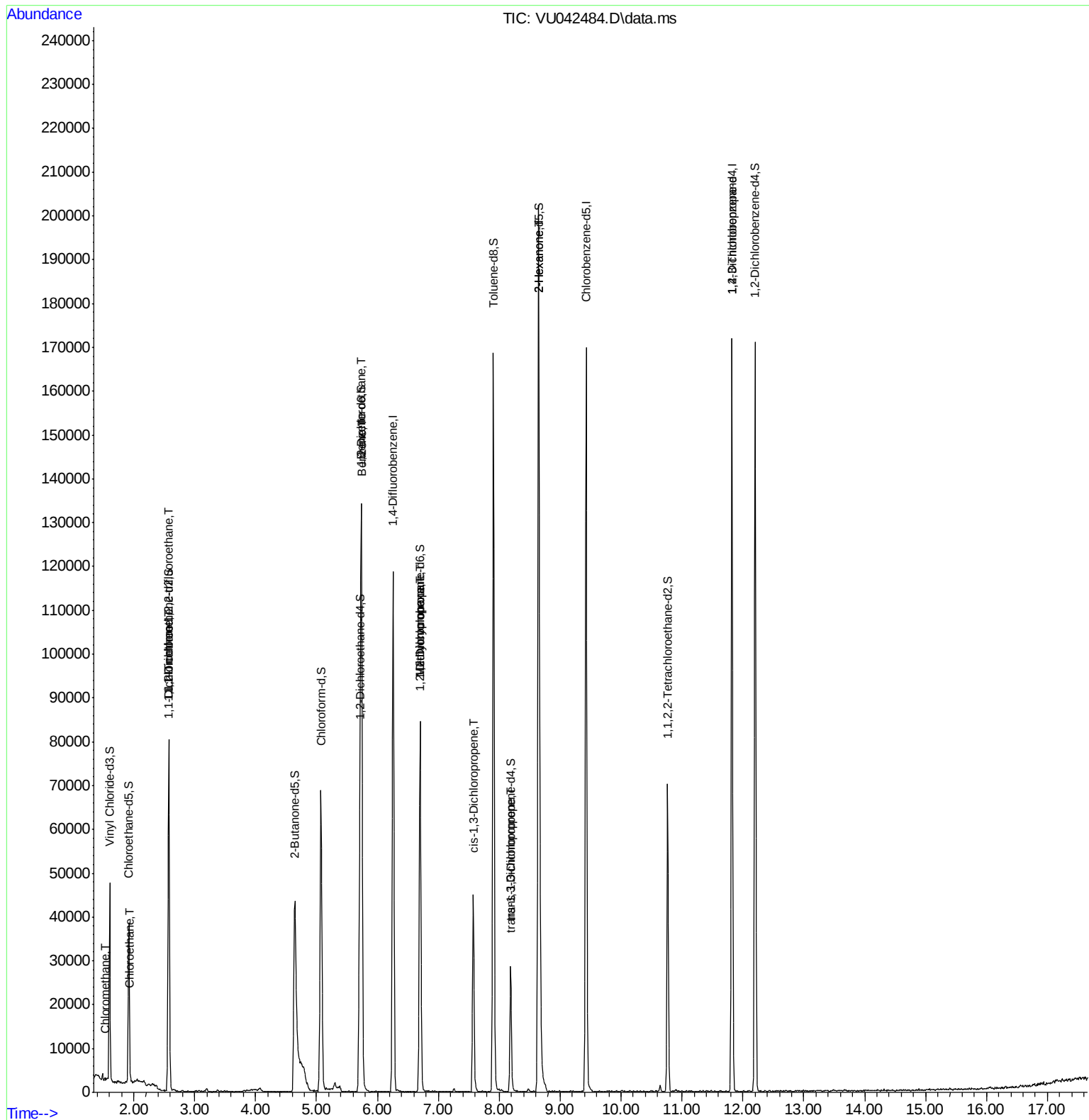
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	88893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29897	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	99.00%		
7) Chloroethane-d5	1.919	69	24187	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	105.60%		
11) 1,1-Dichloroethene-d2	2.575	63	49404	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	72.40%		
20) 2-Butanone-d5	4.642	46	83357	42.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	84.00%		
24) Chloroform-d	5.073	84	60960	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.00%		
26) 1,2-Dichloroethane-d4	5.713	65	39811	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	108.20%		
32) Benzene-d6	5.735	84	112102	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.80%		
36) 1,2-Dichloropropane-d6	6.700	67	36897	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	105.00%		
41) Toluene-d8	7.906	98	106824	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.40%		
43) trans-1,3-Dichloroprop...	8.189	79	15713	4.78	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	79340	50.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.90%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31764	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.40%		
64) 1,2-Dichlorobenzene-d4	12.201	152	42767	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	108.40%		
Target Compounds						
3) Chloromethane	1.523	50	367	0.05	ug/L	94
8) Chloroethane	1.932	64	197	0.04	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	352	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	399	0.06	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	655	0.06	ug/L #	75
33) Benzene	5.739	78	972	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8587	0.73	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	4442	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1246	0.11	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	714	0.07	ug/L #	72
48) 2-Hexanone	8.645	43	12179	2.52	ug/L #	68
59) 1,2,3-Trichloropropane	11.819	75	5508	0.98	ug/L	94

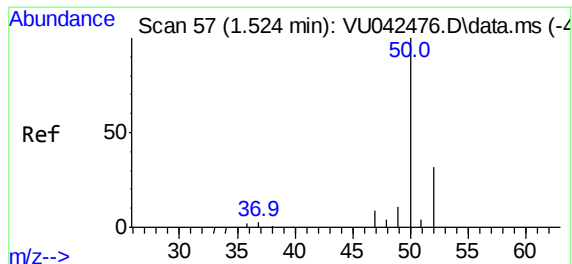
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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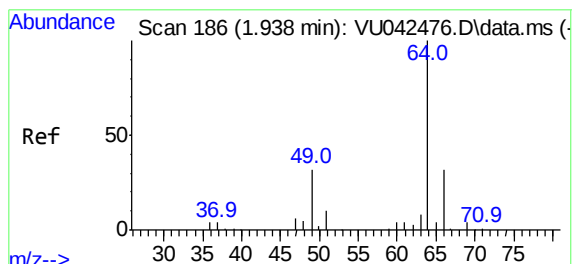
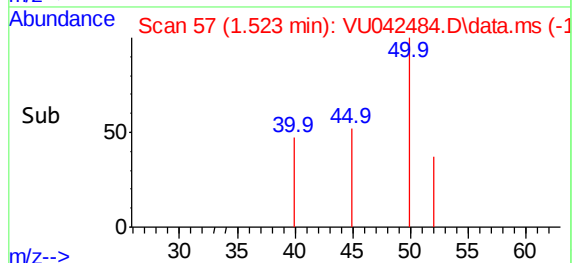
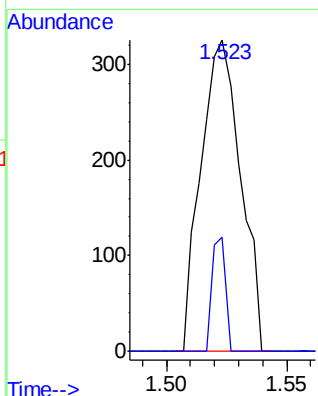
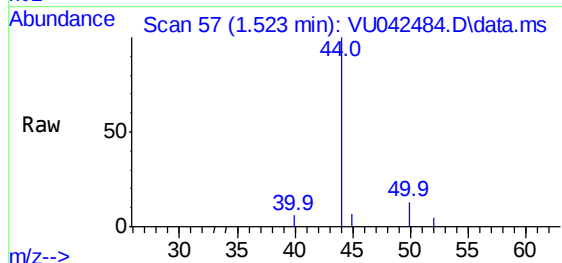




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

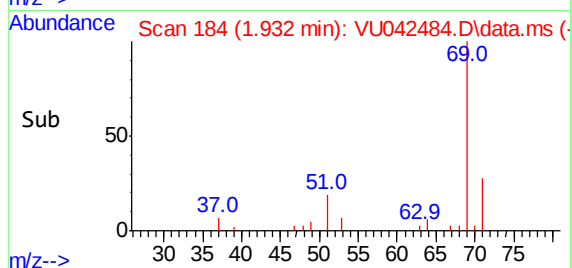
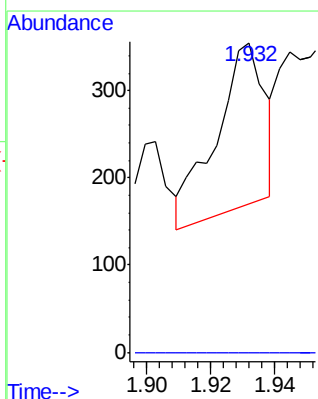
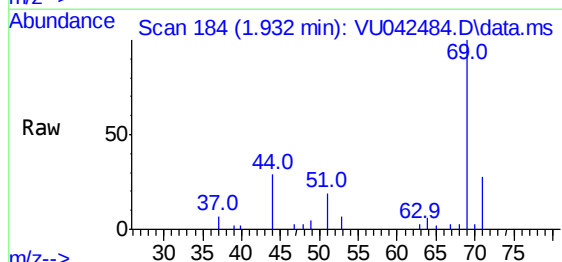
Instrument :
MSVOA_U
ClientSampled :
F1G04

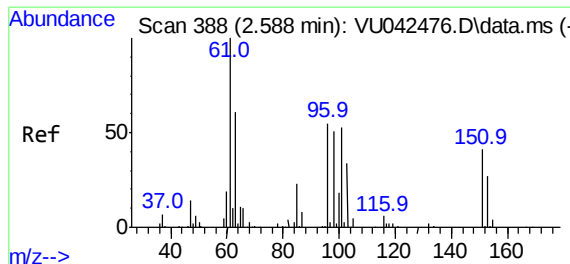
Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 36.5 23.0 42.8



#8
Chloroethane
Concen: 0.04 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.007 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

Tgt Ion: 64 Resp: 197
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

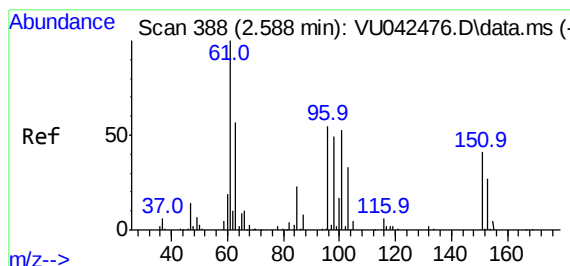
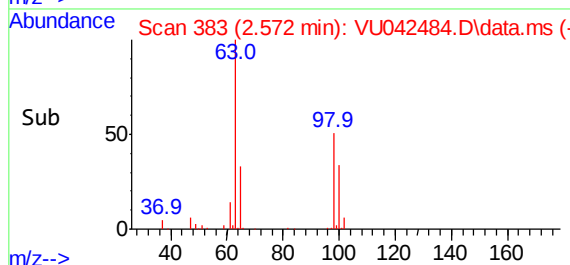
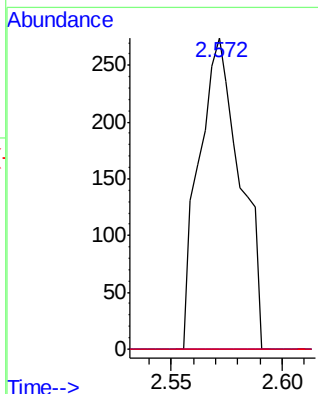
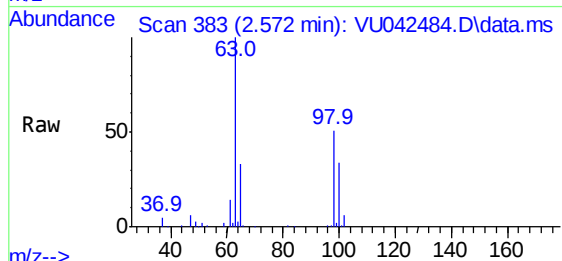




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU042484.D
 Acq: 04 Mar 2021 15:00

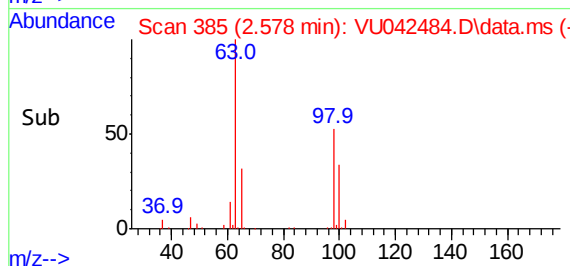
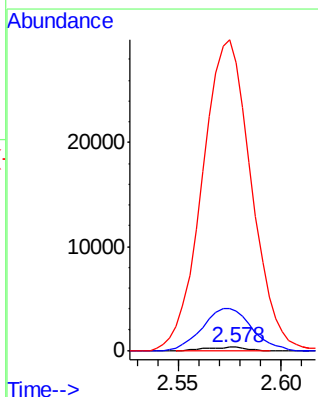
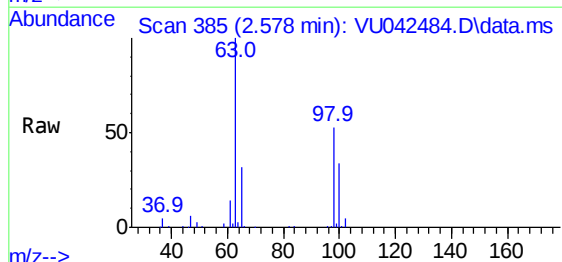
Instrument :
 MSVOA_U
 ClientSampleId :
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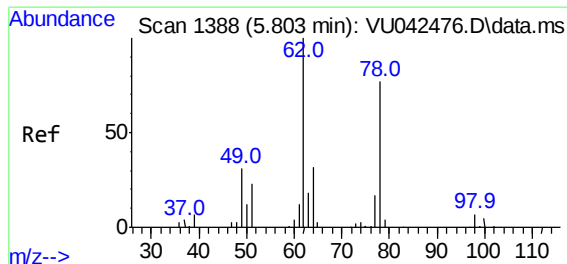
Tgt Ion:101 Resp: 352
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.06 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042484.D
 Acq: 04 Mar 2021 15:00

Tgt Ion: 96 Resp: 399
 Ion Ratio Lower Upper
 96 100
 61 1373.1 126.2 234.4#
 63 9938.4 77.8 144.4#

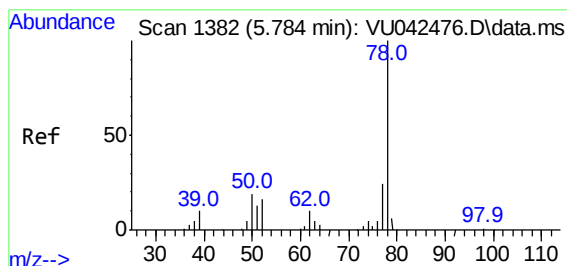
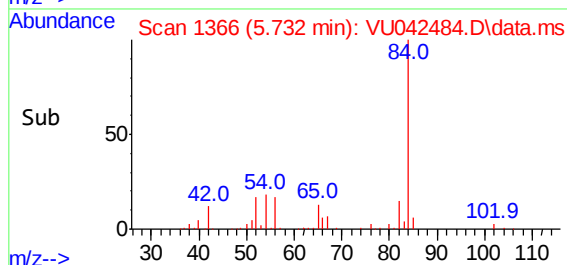
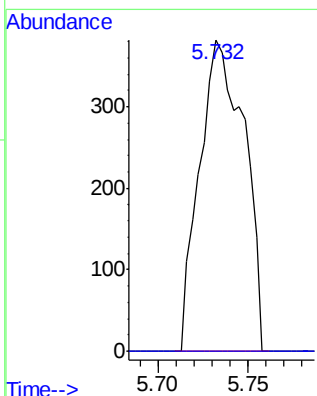
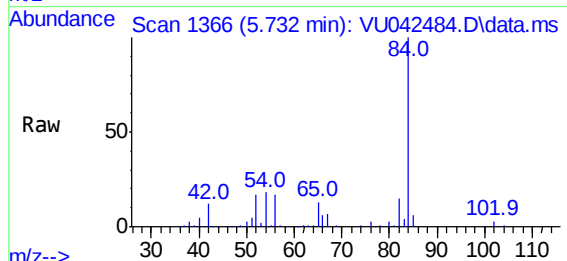




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

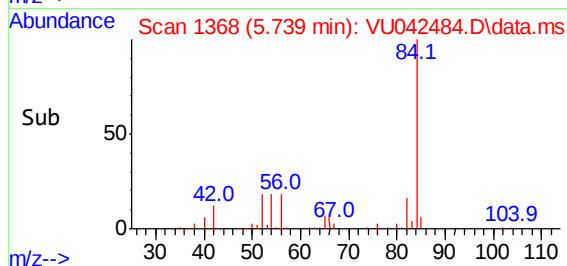
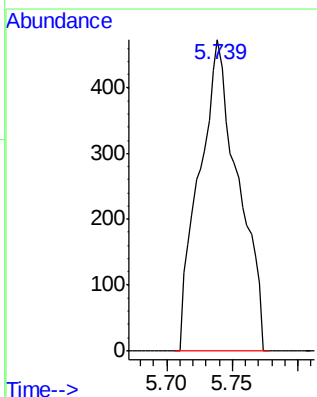
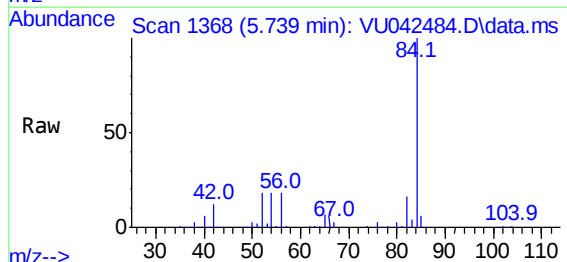
Instrument :
MSVOA_U
ClientSampled :
F1G04

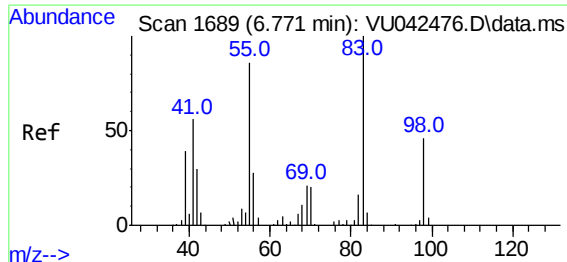
Tgt Ion: 62 Resp: 655
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

Tgt Ion: 78 Resp: 972

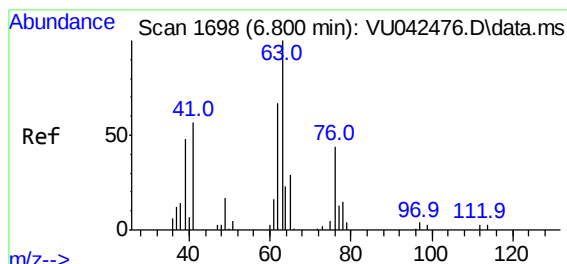
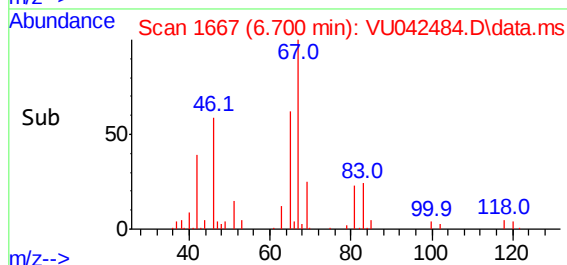
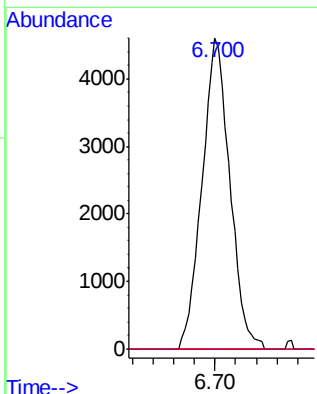
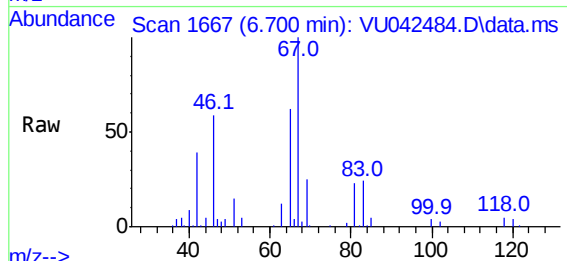




#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

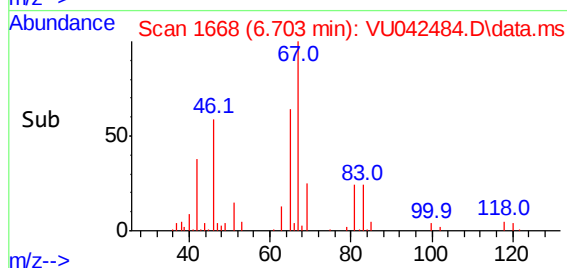
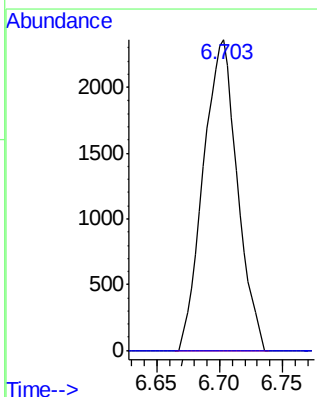
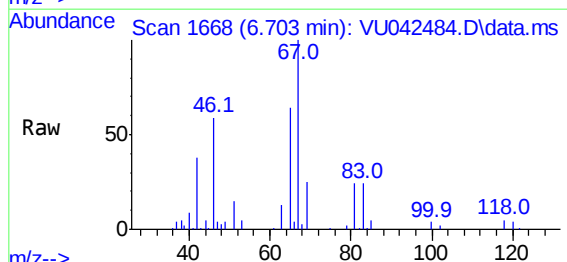
Instrument :
MSVOA_U
ClientSampled :
F1G04

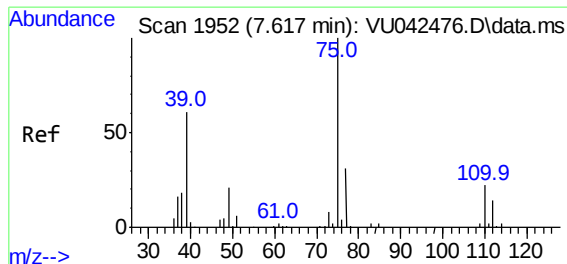
Tgt Ion: 83 Resp: 8587
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

Tgt Ion: 63 Resp: 4442
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

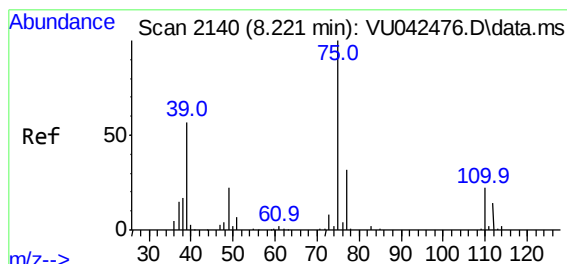
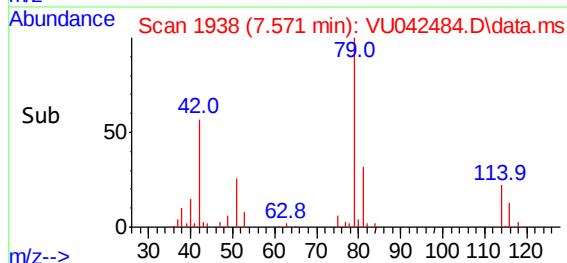
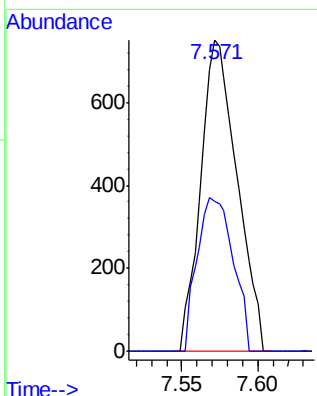
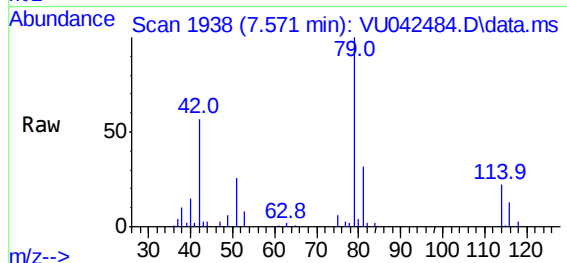




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU042484.D
 Acq: 04 Mar 2021 15:00

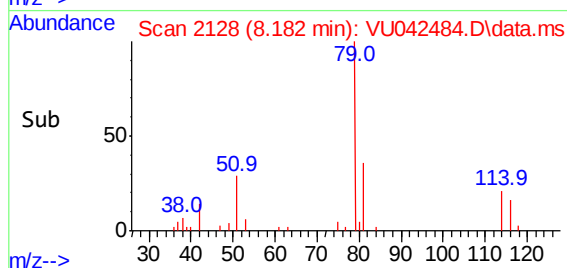
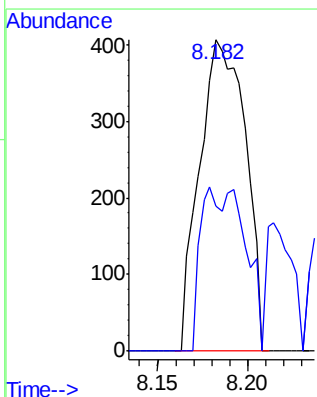
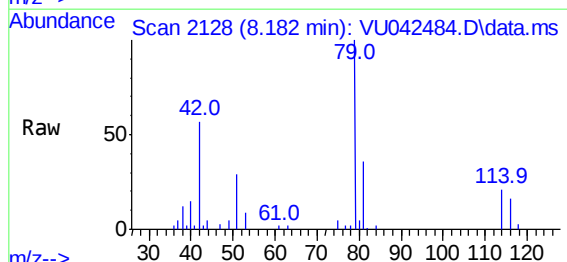
Instrument :
 MSVOA_U
 ClientSampled :
 F1G04

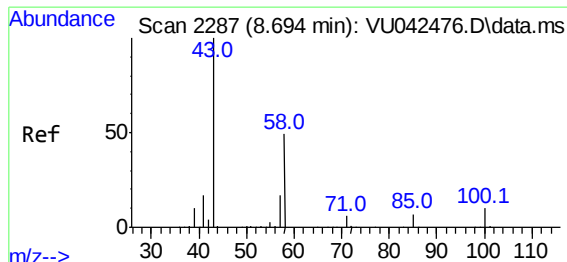
Tgt Ion: 75 Resp: 1246
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.07 ug/L
 RT: 8.182 min Scan# 2128
 Delta R.T. -0.039 min
 Lab File: VU042484.D
 Acq: 04 Mar 2021 15:00

Tgt Ion: 75 Resp: 714
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.8 40.4#

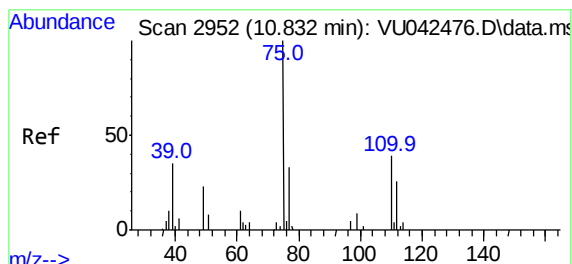
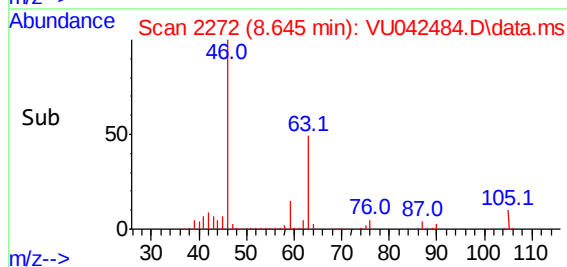
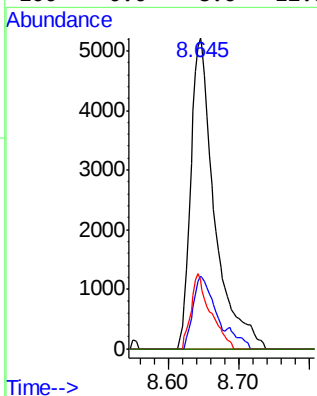
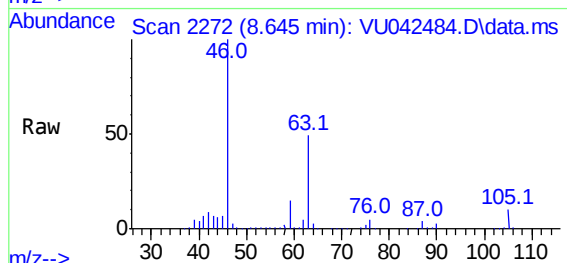




#48
2-Hexanone
Concen: 2.52 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

Instrument :
MSVOA_U
ClientSampleId :
F1G04

Tgt Ion: 43 Resp: 12179
Ion Ratio Lower Upper
43 100
58 20.7 40.6 61.0#
57 19.7 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.98 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042484.D
Acq: 04 Mar 2021 15:00

Tgt Ion: 75 Resp: 5508
Ion Ratio Lower Upper
75 100
77 35.9 26.0 39.0

