Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
Data File : VU042600.D
Acq On : 12 Mar 2021 09:21
Operator : SY/MD
Sample : M1631-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Mar 12 10:50:17 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	6.260	114	79035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	78150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35703	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24906	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.919	69	20549	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.00%			
11) 1,1-Dichloroethene-d2	2.575	63	41449	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.649	46	77544	44.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.64%			
24) Chloroform-d	5.073	84	50373	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.713	65	33455	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.739	84	91355	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.700	67	30104	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.906	98	87161	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloroprop...	8.189	79	11776	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.649	63	58984	42.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.32%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25605	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	12.201	152	33393	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	322	0.05	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	288	0.05	ug/L #	18
27) 1,2-Dichloroethane	5.736	62	636	0.07	ug/L #	75
33) Benzene	5.736	78	981	0.04	ug/L	100
35) Methylcyclohexane	6.697	83	7082	0.69	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3595	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	926	0.10	ug/L	84
44) trans-1,3-Dichloropropene	8.189	75	600	0.07	ug/L	86
48) 2-Hexanone	8.649	43	9881	2.33	ug/L #	69
59) 1,2,3-Trichloropropane	11.822	75	4585	0.92	ug/L	90

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

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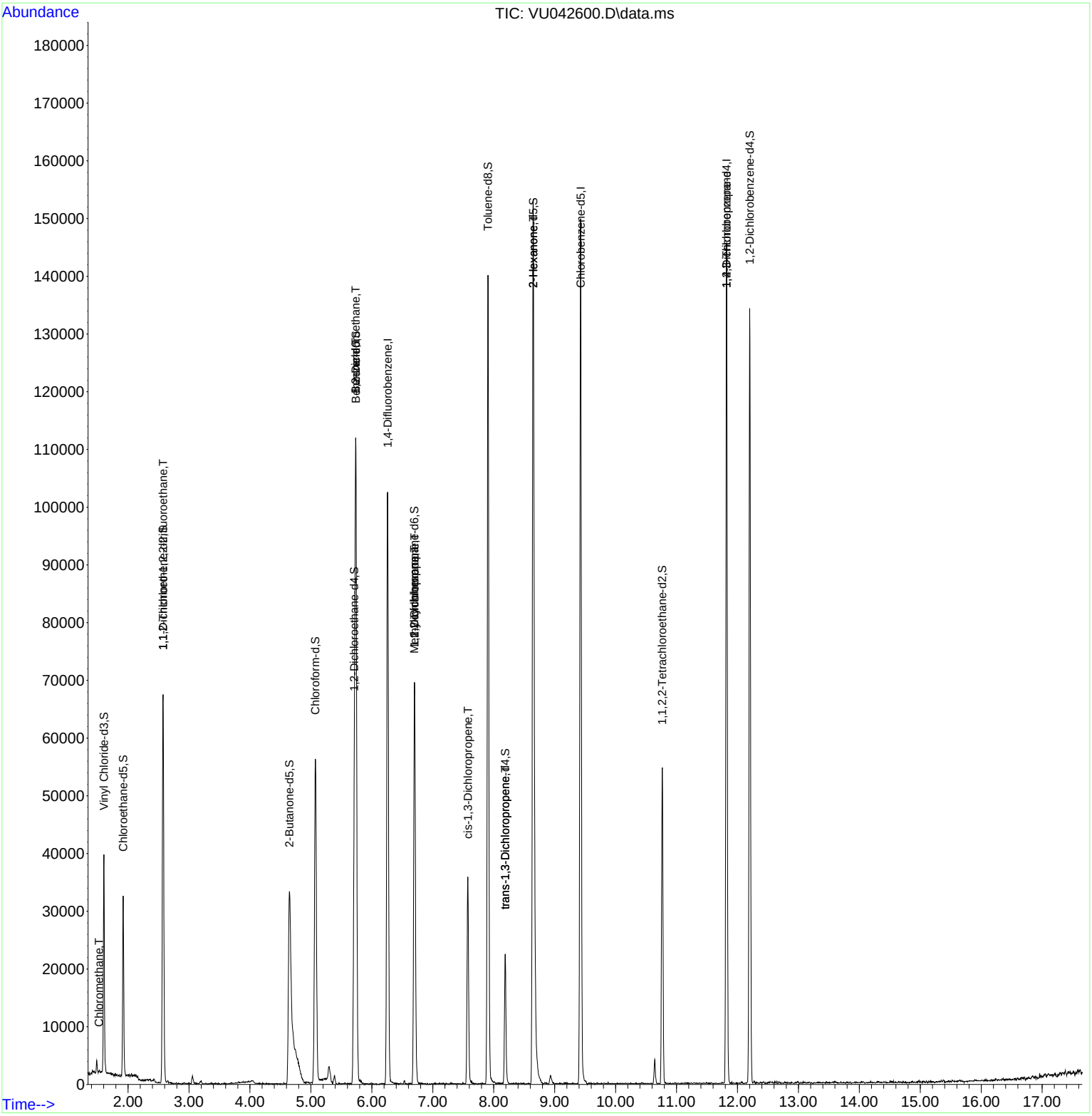
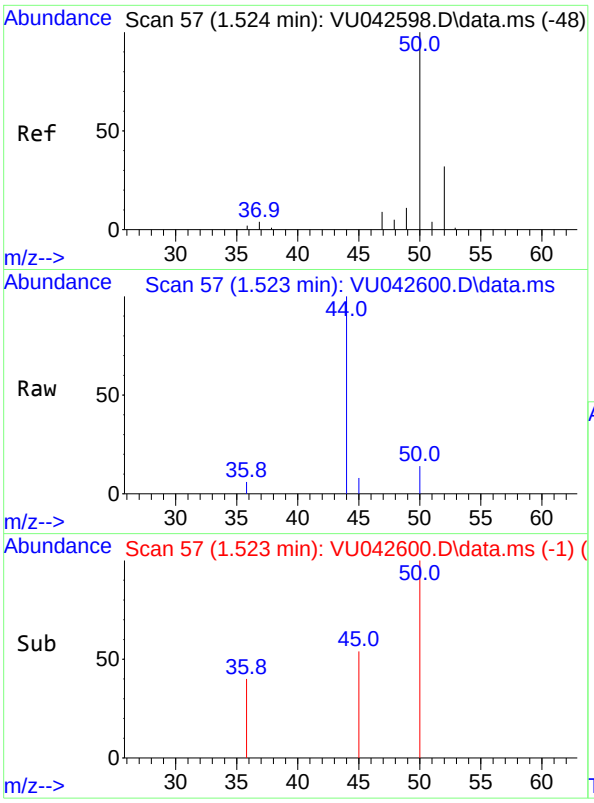


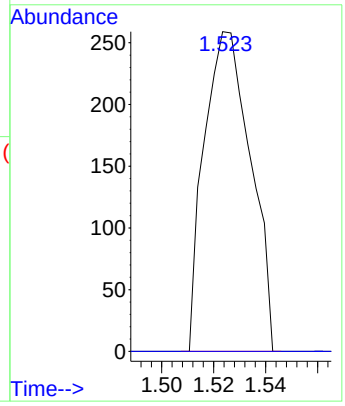


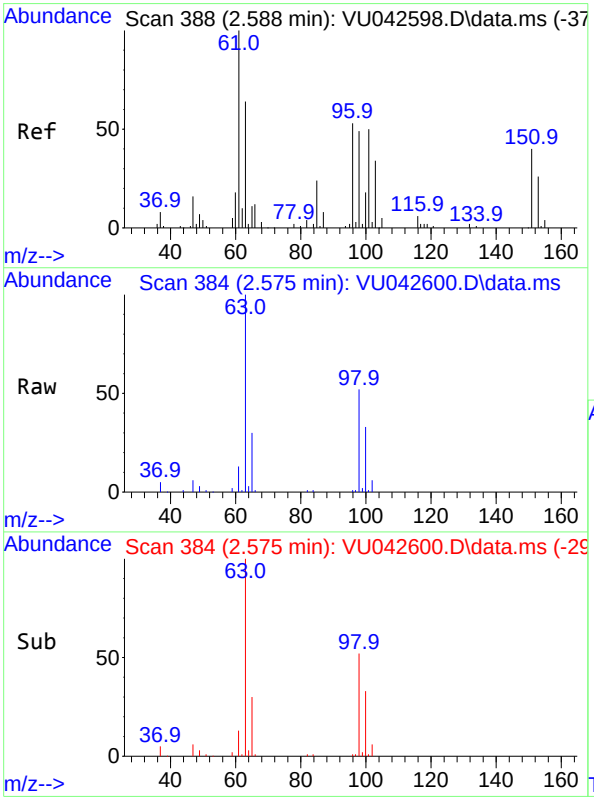
#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 322

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.8#

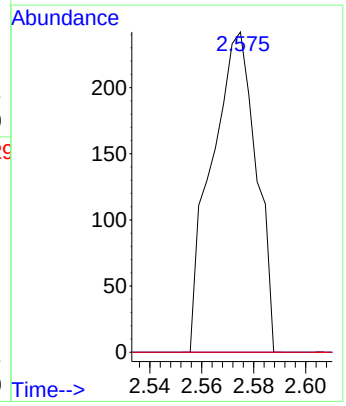


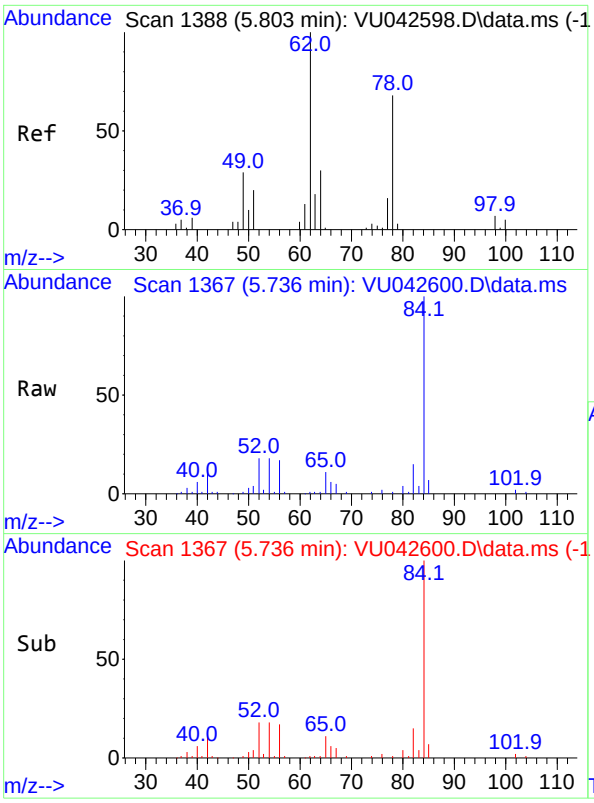


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion:101 Resp: 288

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#

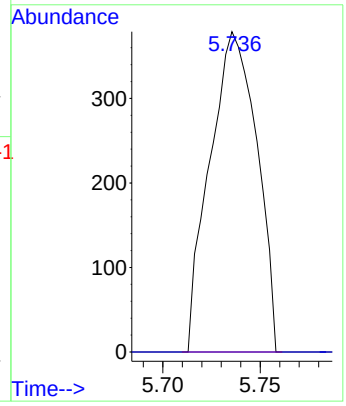




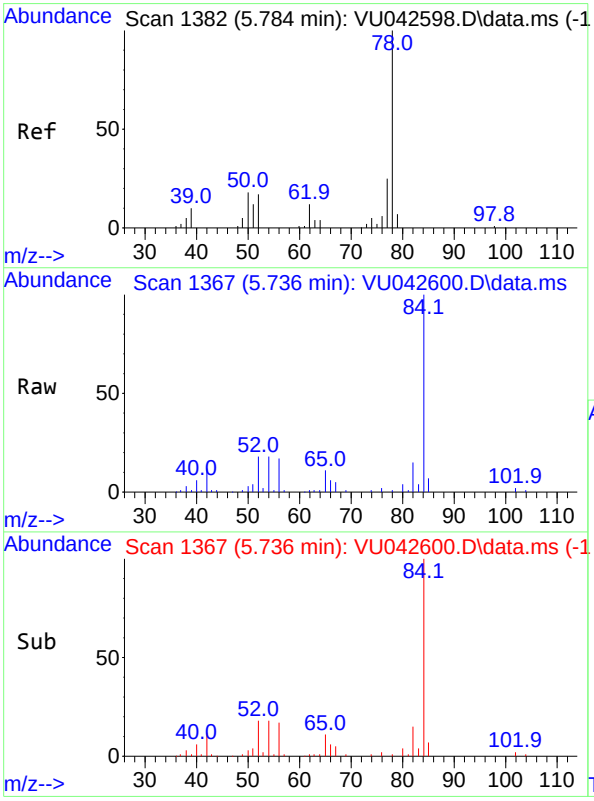
#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 62 Resp: 636

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

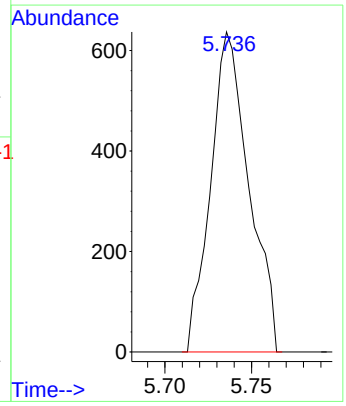


Instrument :
MSVOA_U
ClientSampleId :

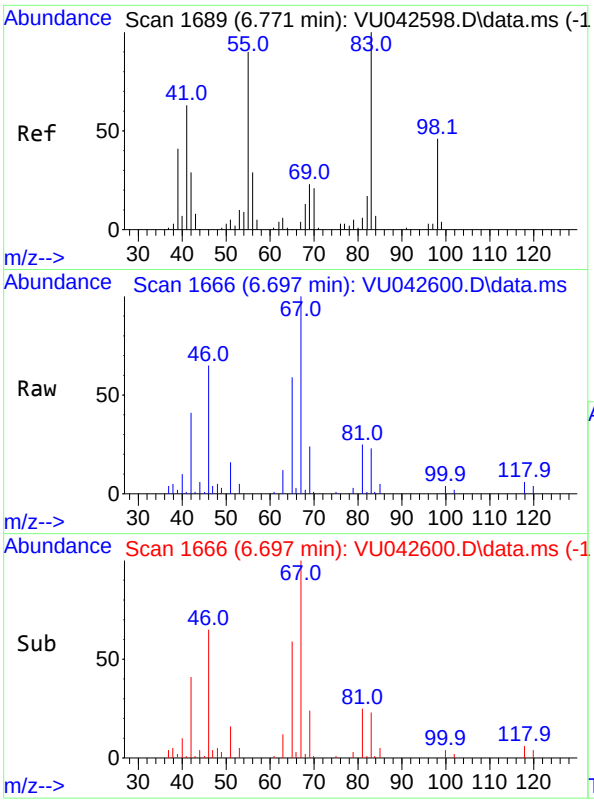


#33
Benzene
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 78 Resp: 981



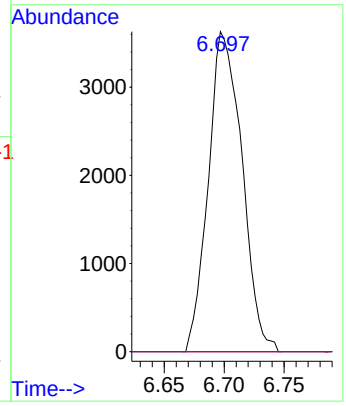
Instrument :
MSVOA_U
ClientSampleId :

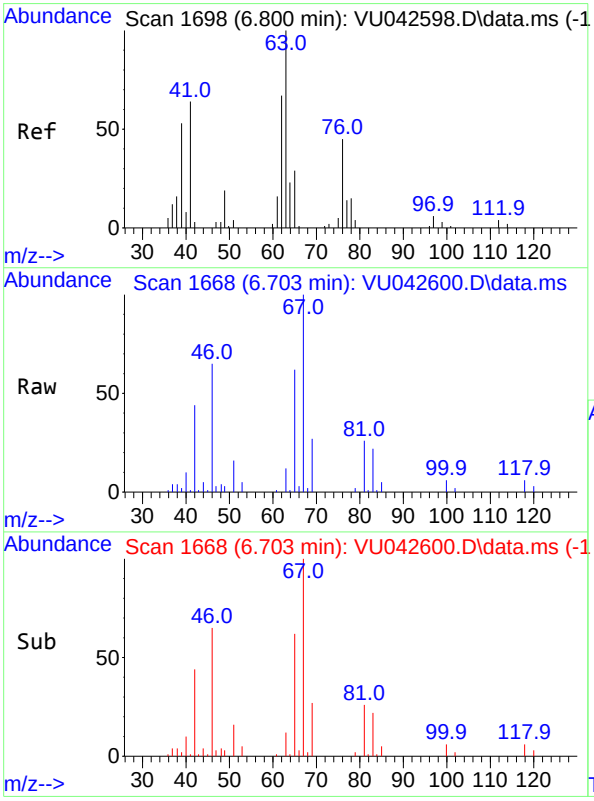


#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 83 Resp: 7082

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

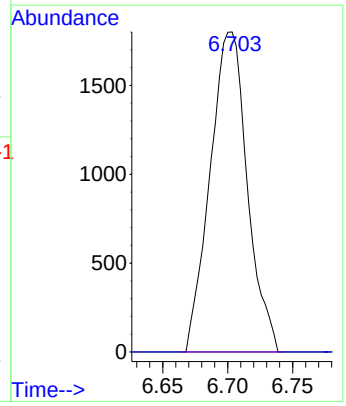




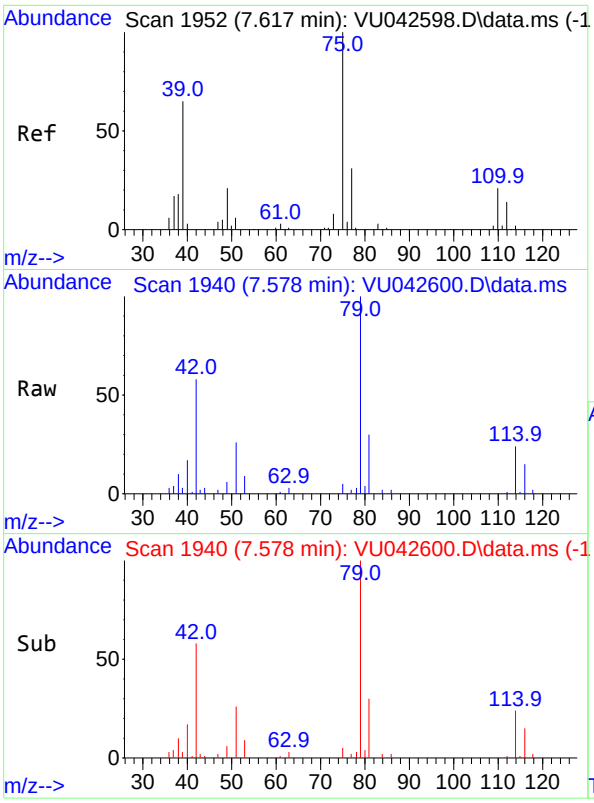
#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 63 Resp: 3595

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



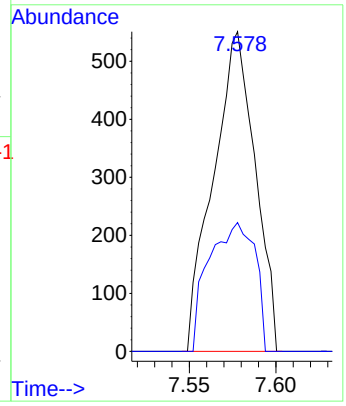
Instrument :
MSVOA_U
ClientSampleId :

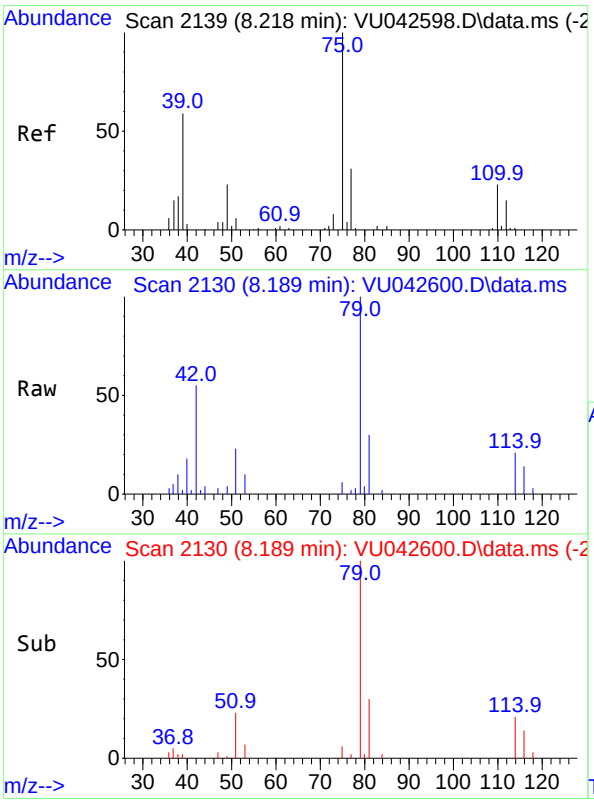


#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 75 Resp: 926

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.0	40.8

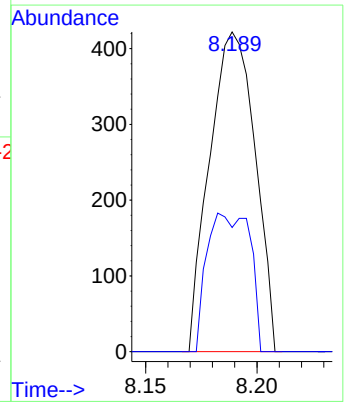




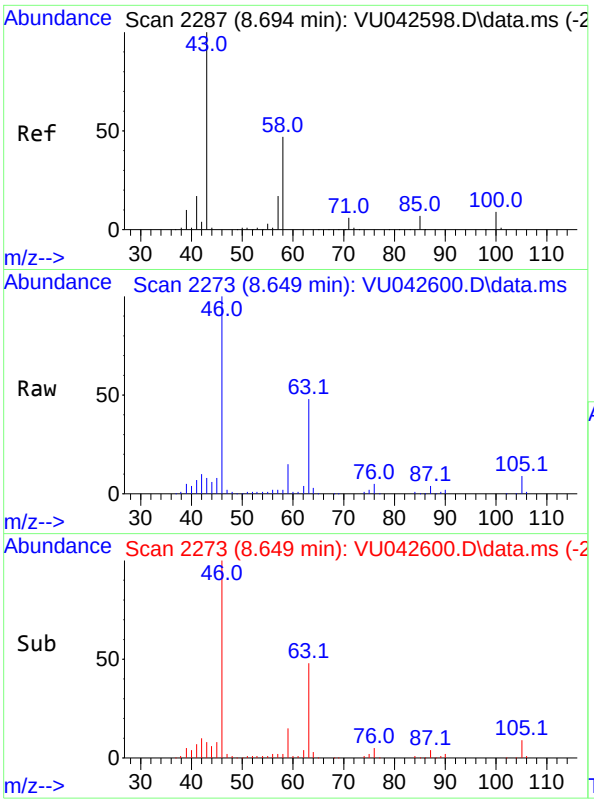
#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 75 Resp: 600

Ion	Ratio	Lower	Upper
75	100		
77	38.9	21.8	40.4



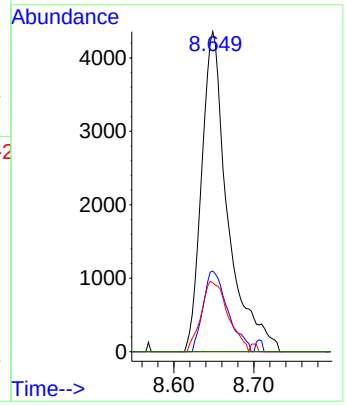
Instrument :
MSVOA_U
ClientSampleId :

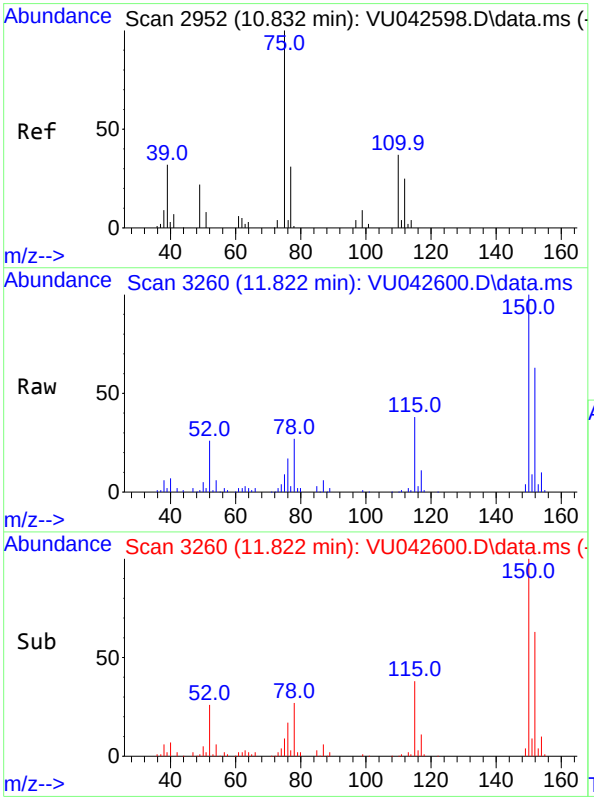


#48
2-Hexanone
Concen: 2.33 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 43 Resp: 9881

Ion	Ratio	Lower	Upper
43	100		
58	23.8	40.6	61.0#
57	22.5	14.9	22.3#
100	0.0	8.6	12.8#





#59
1,2,3-Trichloropropane
Concen: 0.92 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042600.D
Acq: 12 Mar 2021 09:21

Tgt Ion: 75 Resp: 4585

Ion	Ratio	Lower	Upper
75	100		
77	37.8	26.0	39.0