Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Not Reviewed)

Data File : VU037067.D
Acq On : 05 Mar 2020 03:12
Operator : JC/MD
Sample : L1780-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DJ2

Quant Time: Mar 05 04:27:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83352	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	90729	40.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.22%			
7) Chloroethane-d5	1.92	69	91312	49.39	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.78%			
11) 1,1-Dichloroethene-d2	2.59	63	121354	32.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.86%			
21) 2-Butanone-d5	4.67	46	153841	102.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.64%			
24) Chloroform-d	5.10	84	165717	48.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.14%			
26) 1,2-Dichloroethane-d4	5.74	65	114652	49.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.30%			
32) Benzene-d6	5.76	84	361501	50.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.76%			
36) 1,2-Dichloropropane-d6	6.72	67	119450	51.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.78%			
41) Toluene-d8	7.92	98	315554	47.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.74%			
43) trans-1,3-Dichloropropene-	8.20	79	47661	44.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.12%			
47) 2-Hexanone-d5	8.66	63	104948	93.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.25%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	165626	51.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.08%			
64) 1,2-Dichlorobenzene-d4	12.21	152	87797	53.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.76%			

Target Compounds						Qvalue
3) Chloromethane	1.53	50	2672	1.029	ug/L	96
13) Acetone	2.66	43	3943	2.558	ug/L	98
33) Benzene	5.81	78	74526	9.602	ug/L	100
35) Methylcyclohexane	6.72	83	25989	7.858	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13358	6.392	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3259	1.012	ug/L #	73
51) Chlorobenzene	9.47	112	92104	18.798	ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	11269	4.192	ug/L	90
63) 1,4-Dichlorobenzene	11.85	146	42605	15.948	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	23085	8.551	ug/L	97
67) 1,3,5-Trichlorobenzene	13.87	180	2138	1.246	ug/L	90
68) 1,2,4-trichlorobenzene	13.87	180	2138	1.663	ug/L	88

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

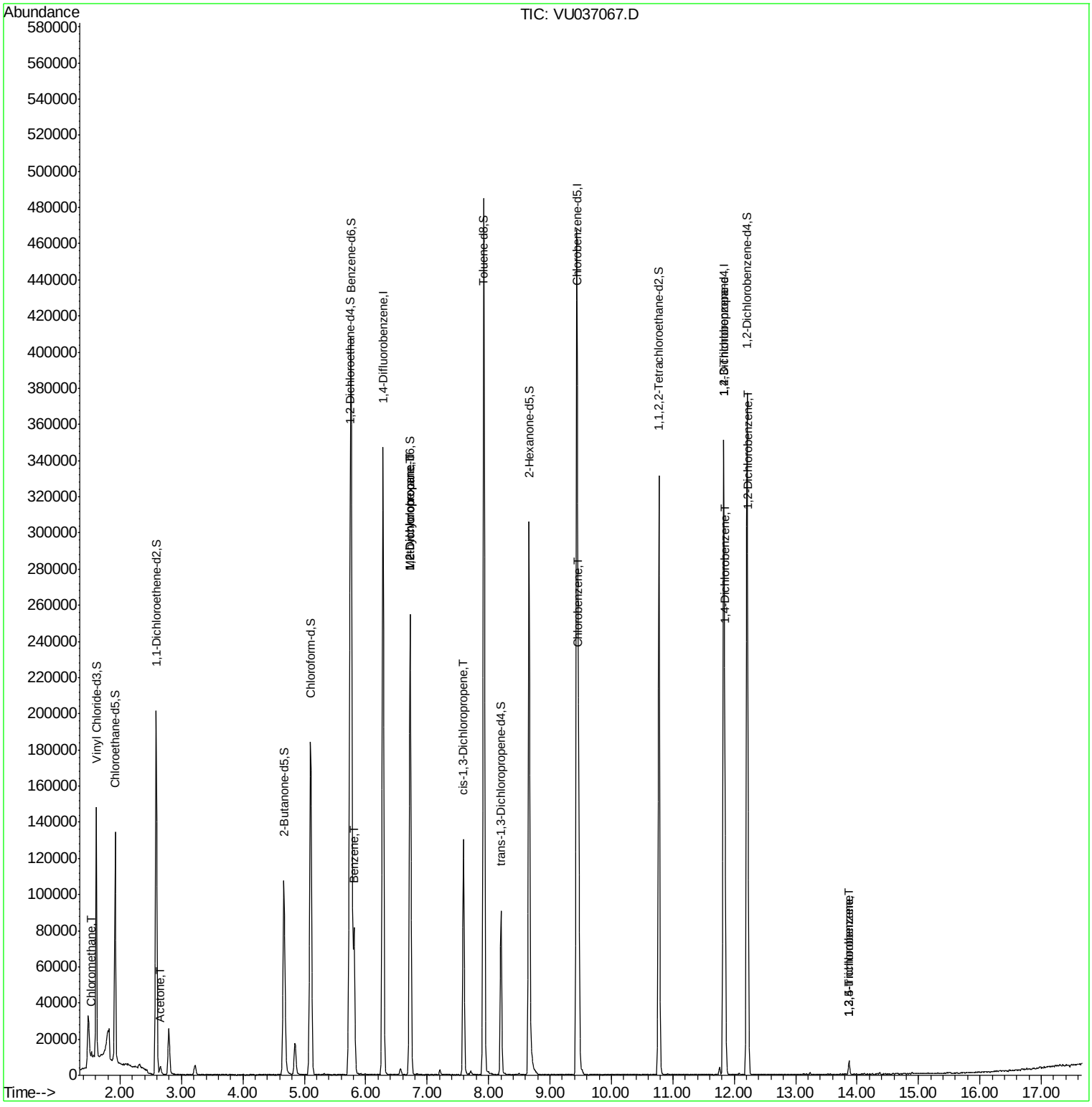
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

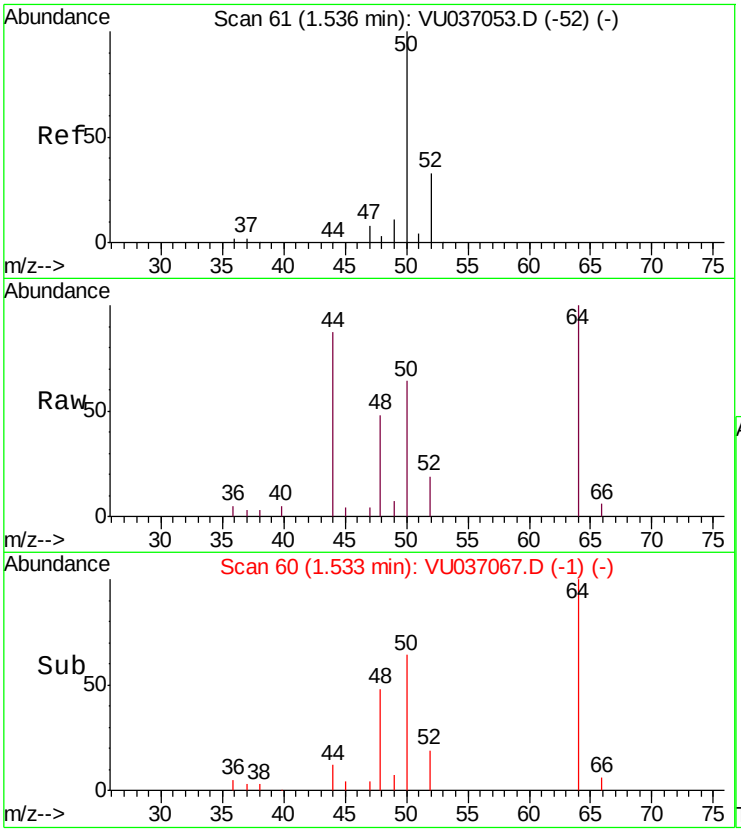
Quantitation Report (Not Reviewed)

Data File : VU037067.D
Acq On : 05 Mar 2020 03:12
Operator : JC/MD
Sample : L1780-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DJ2

Quant Time: Mar 05 04:27:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



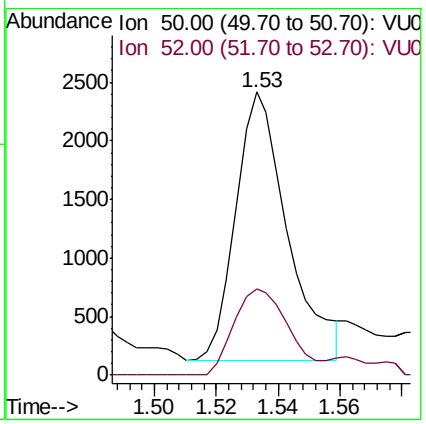


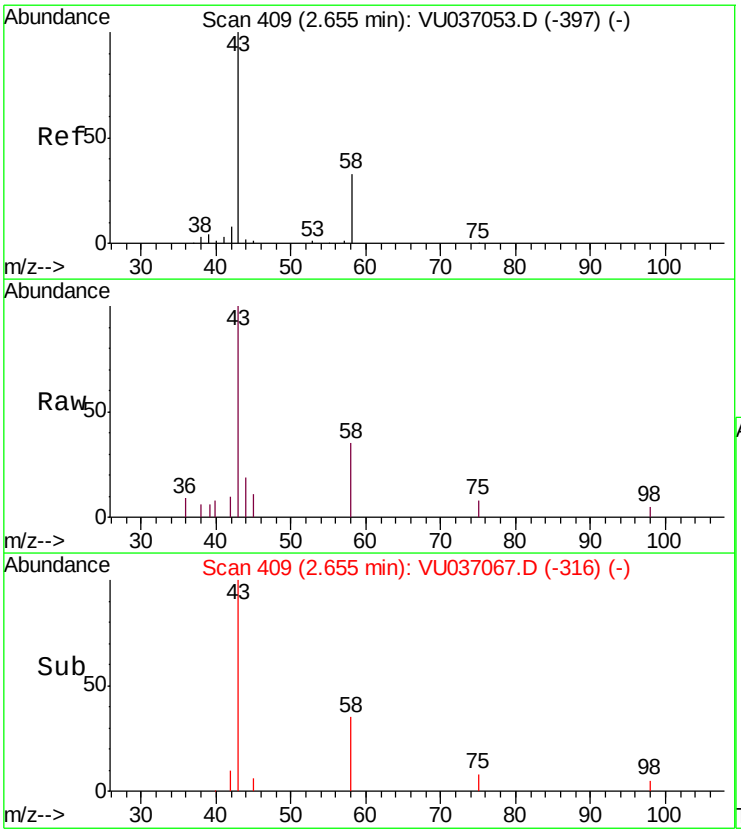
#3
Chloromethane
Concen: 1.029 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Instrument :
MSVOA_U
ClientSampleId :
C0DJ2

Tgt Ion: 50 Resp: 2672

Ion	Ratio	Lower	Upper
50	100		
52	30.3	23.0	42.6

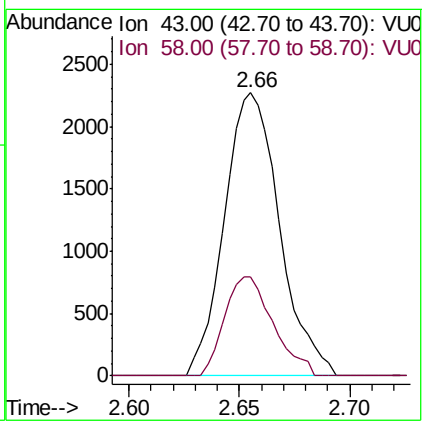


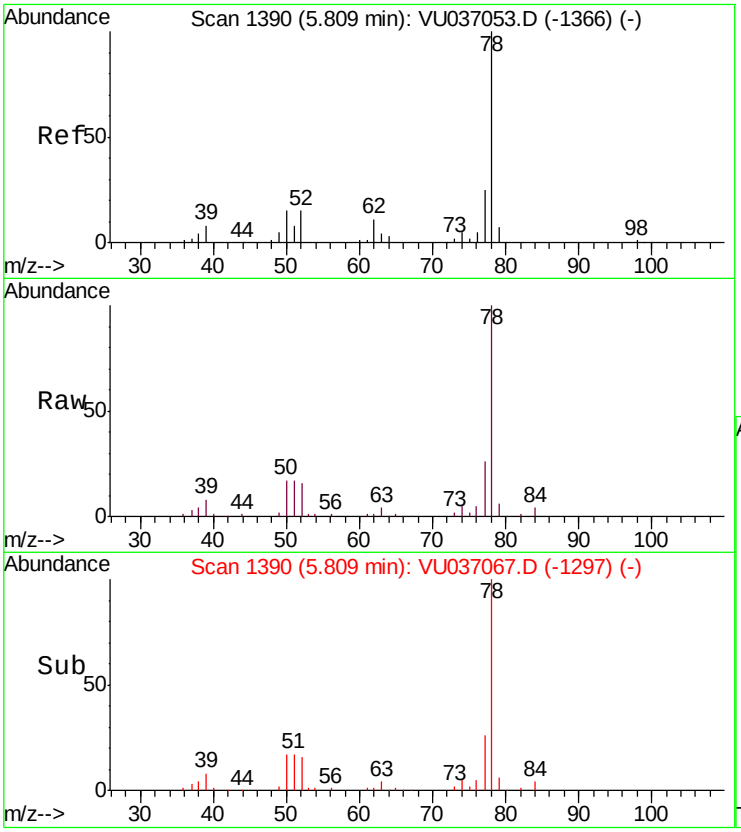


#13
Acetone
Concen: 2.558 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Tgt Ion: 43 Resp: 3943

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	64.6

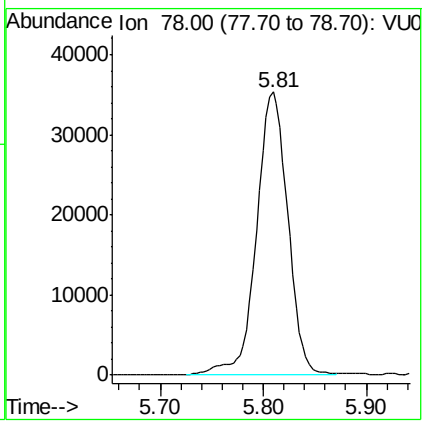


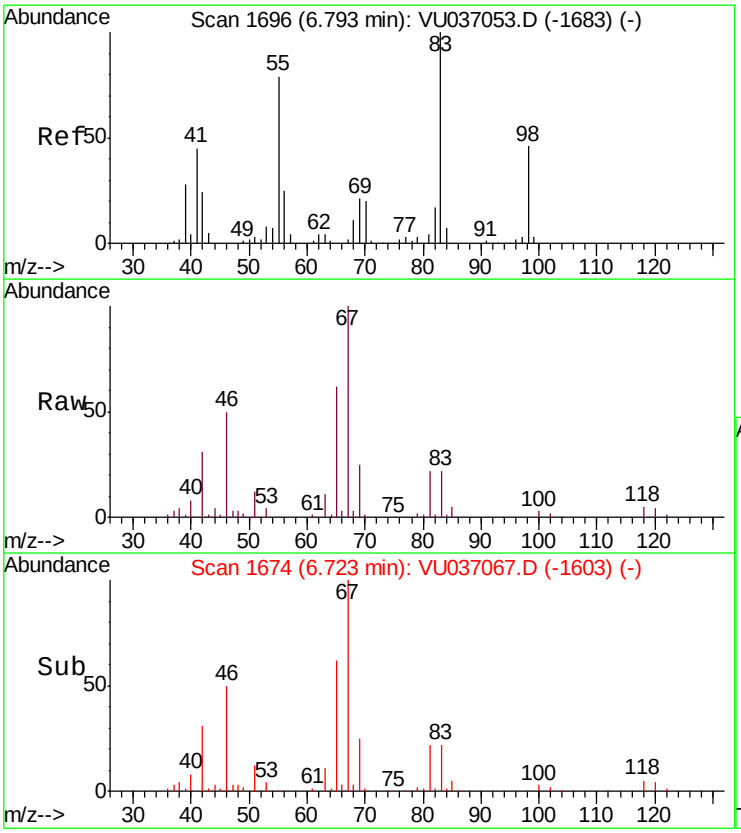


#33
Benzene
Concen: 9.602 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Instrument :
MSVOA_U
ClientSampleId :
C0DJ2

Tgt Ion: 78 Resp: 74526

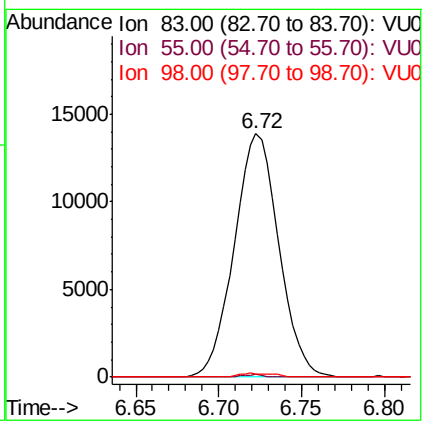


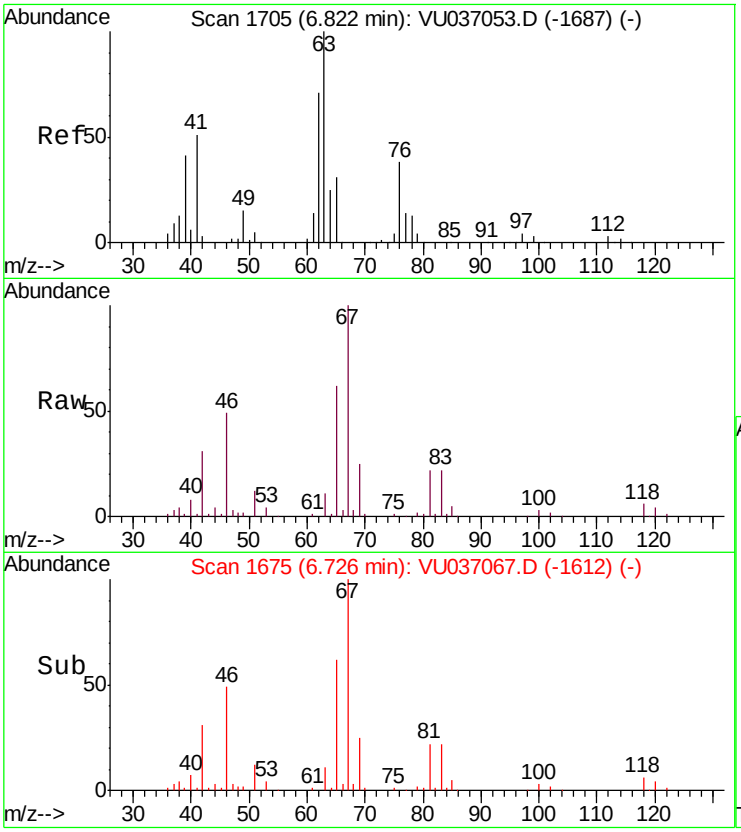


#35
Methylcyclohexane
Concen: 7.858 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Tgt Ion: 83 Resp: 25989

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	93.8#
98	1.2	35.1	52.7#



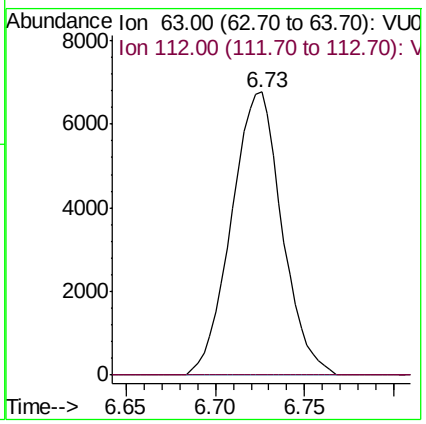


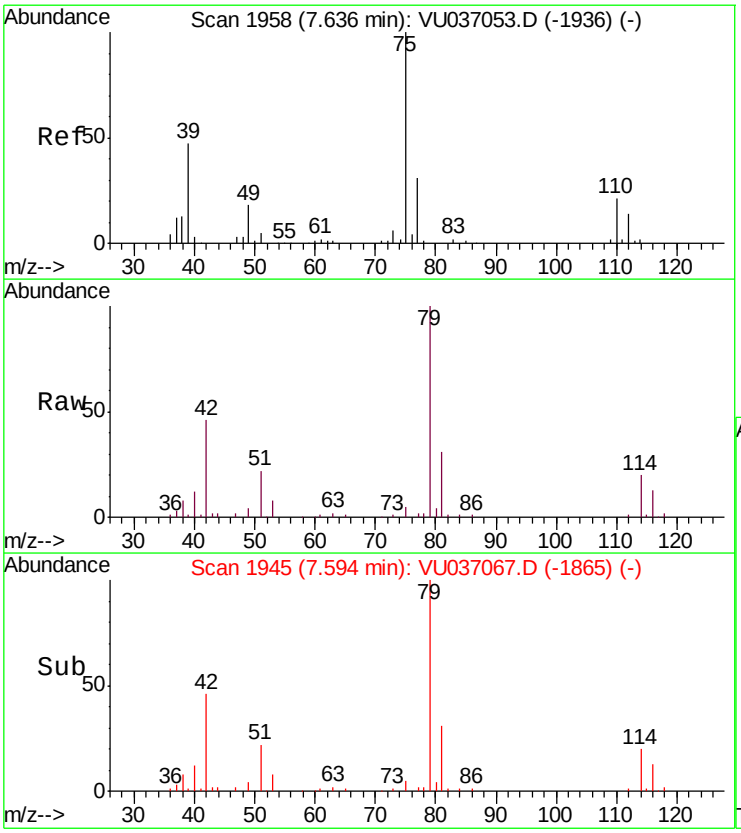
#37
1,2-Dichloropropane
Concen: 6.392 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Instrument :
MSVOA_U
ClientSampleId :
C0DJ2

Tgt Ion: 63 Resp: 13358

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

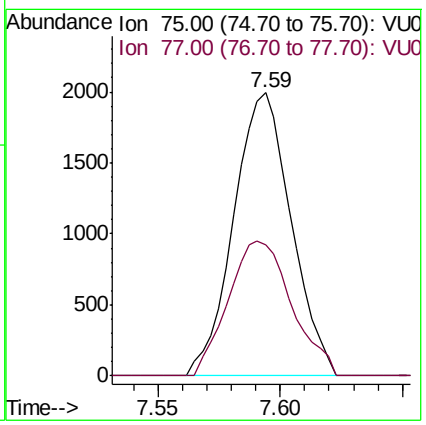


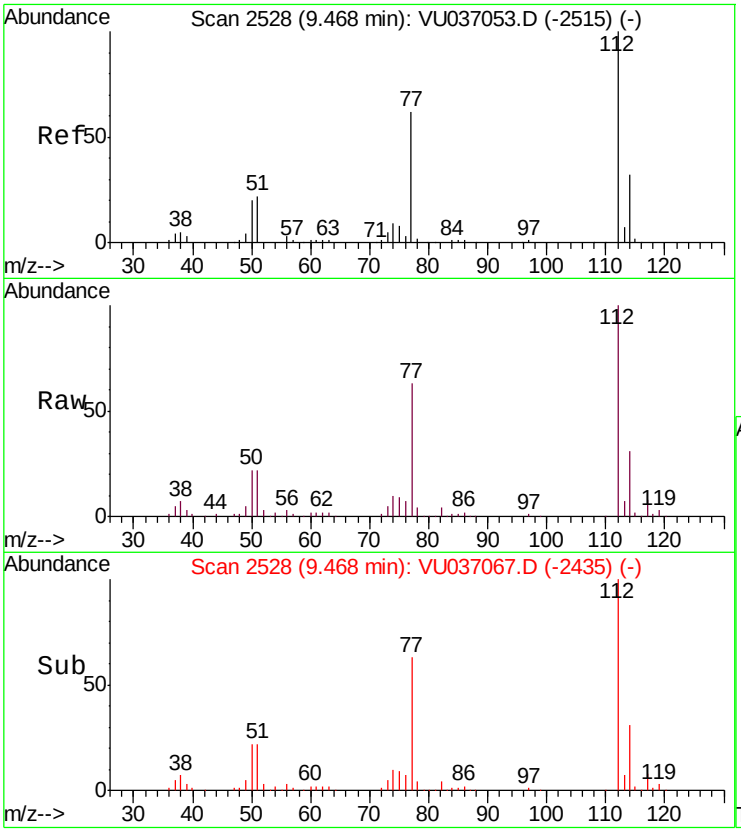


#39
cis-1,3-Dichloropropene
Concen: 1.012 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Tgt Ion: 75 Resp: 3259

Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.0	41.0#



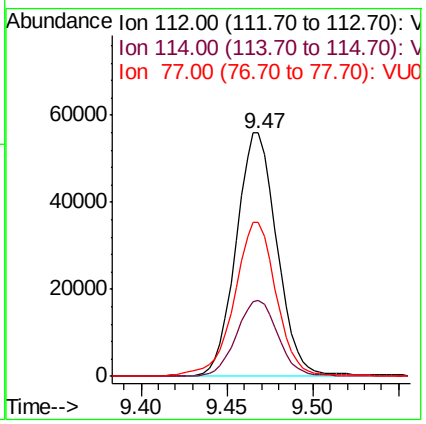


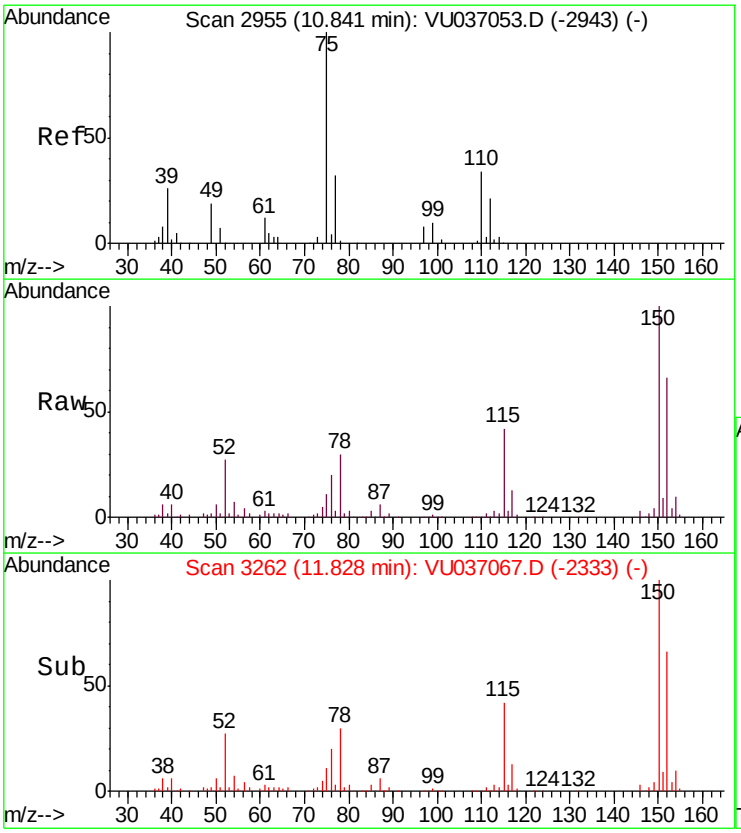
#51
Chlorobenzene
Concen: 18.798 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Instrument :
MSVOA_U
ClientSampleId :
C0DJ2

Tgt Ion:112 Resp: 92104

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.3	41.5
77	63.1	50.1	75.1

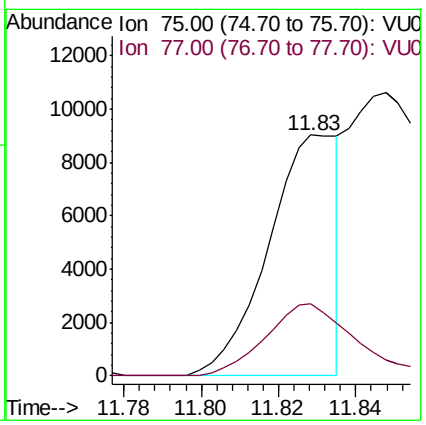


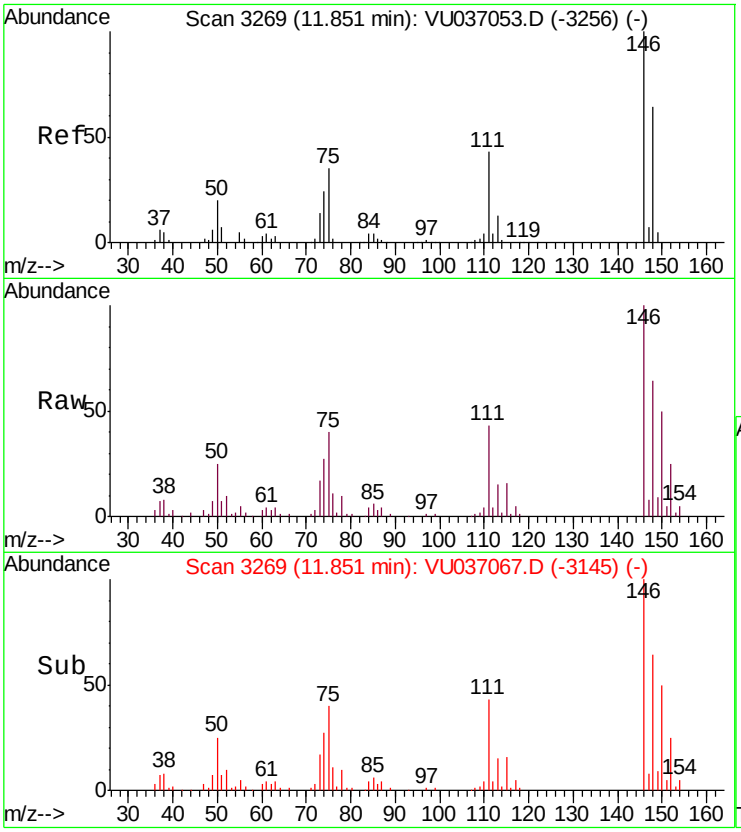


#59
1,2,3-Trichloropropane
Concen: 4.192 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Tgt Ion: 75 Resp: 11269

Ion	Ratio	Lower	Upper
75	100		
77	38.1	26.2	39.2



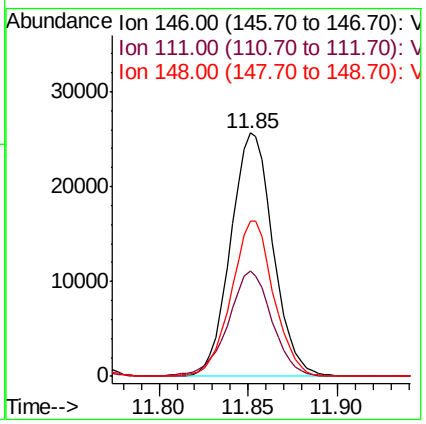


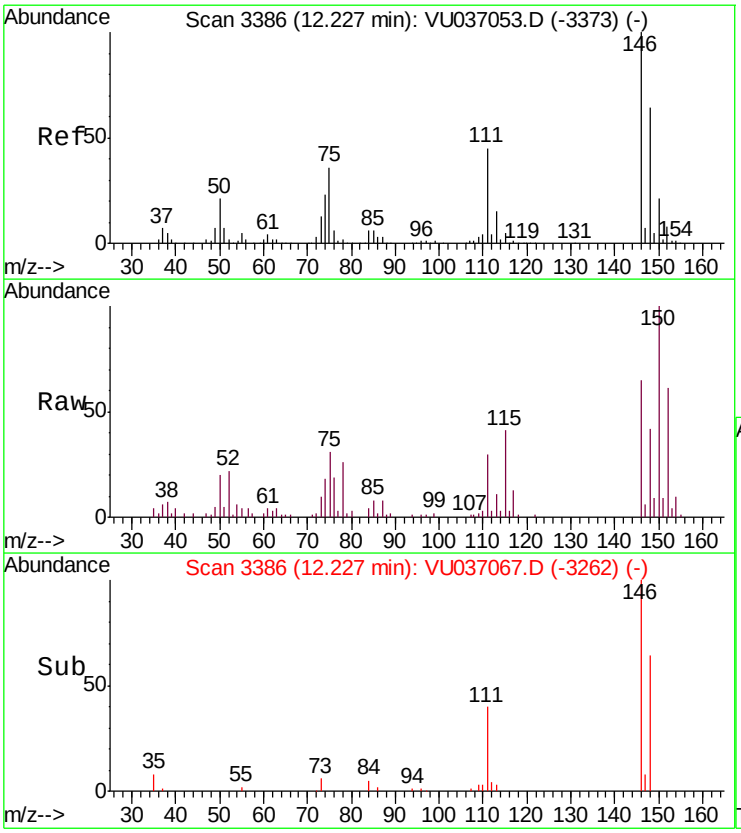
#63
1,4-Dichlorobenzene
Concen: 15.948 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Instrument : MSVOA_U
ClientSampleId : C0DJ2

Tgt Ion:146 Resp: 42605

Ion	Ratio	Lower	Upper
146	100		
111	43.2	29.8	55.4
148	63.6	45.1	83.9

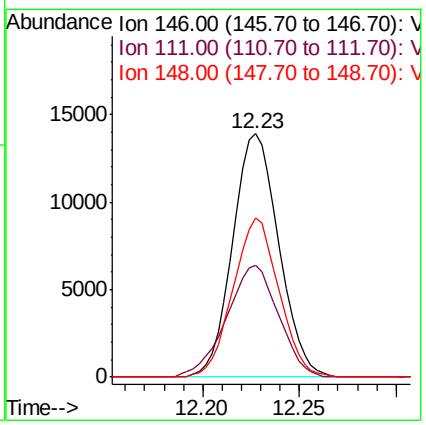


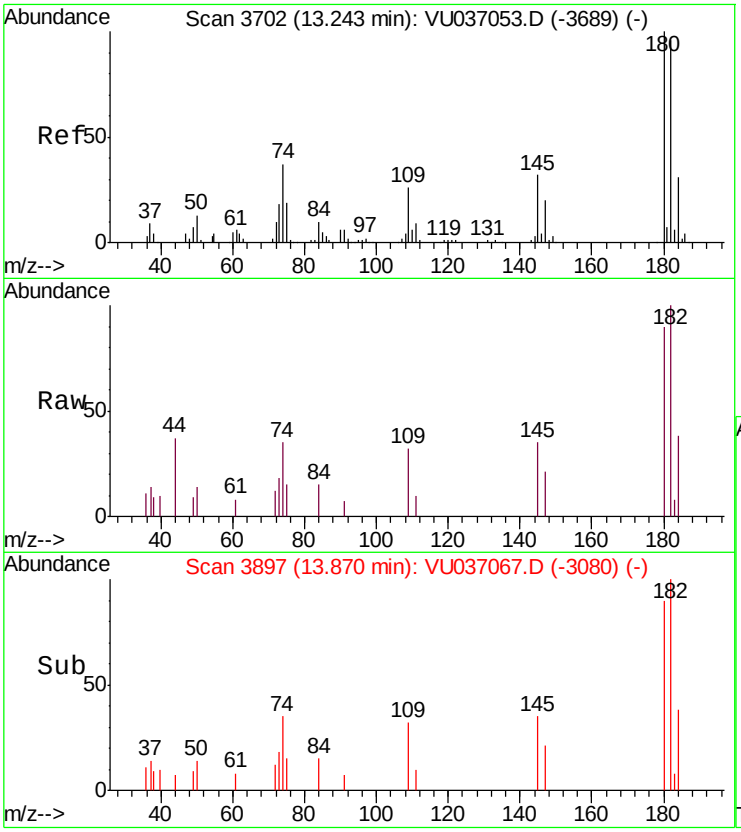


#65
1,2-Dichlorobenzene
Concen: 8.551 ug/L
RT: 12.23 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Tgt Ion:146 Resp: 23085

Ion	Ratio	Lower	Upper
146	100		
111	45.9	35.4	53.0
148	65.3	50.5	75.7



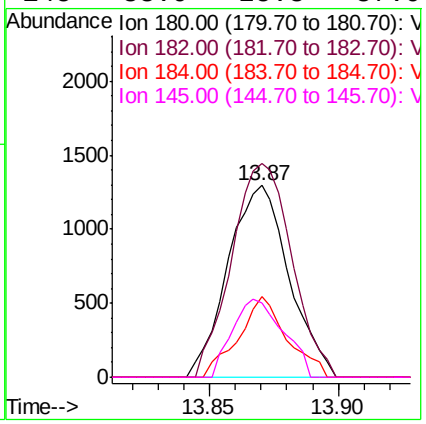


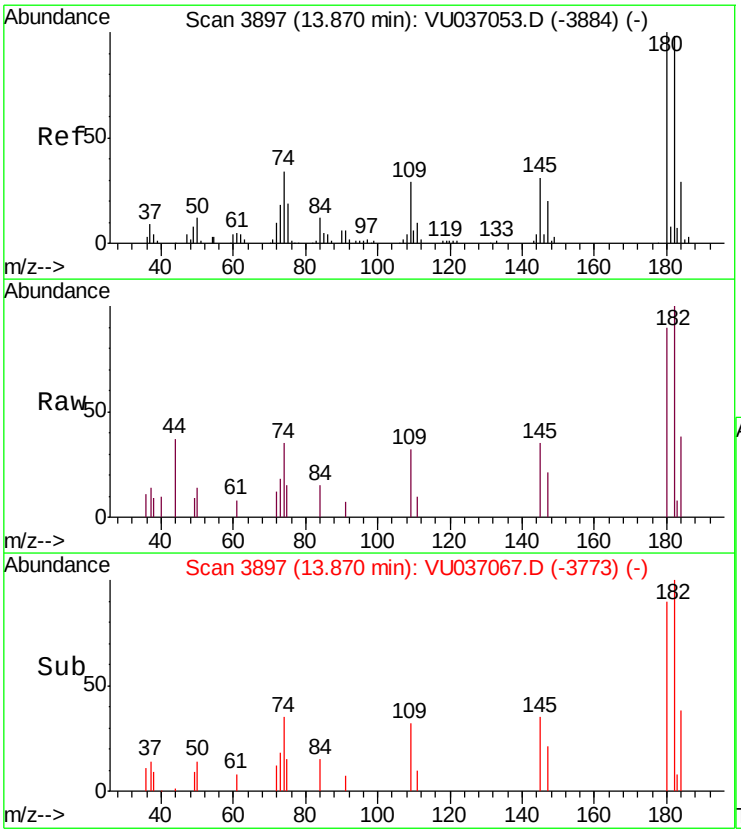
#67
1,3,5-Trichlorobenzene
Concen: 1.246 ug/L
RT: 13.87 min Scan# 3897
Delta R.T. 0.63 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Instrument : MSVOA_U
ClientSampleId : C0DJ2

Tgt Ion:180 Resp: 2138

Ion	Ratio	Lower	Upper
180	100		
182	109.6	76.9	115.3
184	33.4	24.2	36.2
145	33.9	25.3	37.9





#68
1,2,4-trichlorobenzene
Concen: 1.663 ug/L
RT: 13.87 min Scan# 3897
Delta R.T. 0.00 min
Lab File: VU037067.D
Acq: 05 Mar 2020 03:12

Tgt Ion:180 Resp: 2138

Ion	Ratio	Lower	Upper
180	100		
182	109.6	75.3	112.9
145	33.9	26.2	39.4