Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062519\

Quantitation Report (Not Reviewed)

Data File : VU033048.D
Acq On : 25 Jun 2019 12:29
Operator : JC/SP
Sample : K3496-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Jun 26 07:10:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	182545	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184156	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84354	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50362	40.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.74%			
7) Chloroethane-d5	1.68	69	46106	46.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.68%			
11) 1,1-Dichloroethene-d2	2.26	63	81872	32.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.16%			
21) 2-Butanone-d5	4.17	46	120950	116.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.48%			
24) Chloroform-d	4.64	84	121803	50.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.44%			
26) 1,2-Dichloroethane-d4	5.30	65	86143	53.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.64%			
32) Benzene-d6	5.33	84	231793	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.56%			
36) 1,2-Dichloropropane-d6	6.32	67	76706	50.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.32%			
41) Toluene-d8	7.56	98	207878	46.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.48%			
43) trans-1,3-Dichloropropene-	7.85	79	36442	45.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.62%			
47) 2-Hexanone-d5	8.31	63	69268	97.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.00%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	114817	48.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.14%			
64) 1,2-Dichlorobenzene-d4	11.85	152	83367	51.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.14%			

Target Compounds						Qvalue
8) Chloroethane	1.40	64	694	0.727	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	692	0.567	ug/L #	17
35) Methylcyclohexane	6.32	83	17761	8.106	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9014	6.194	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2719	1.199	ug/L #	61
44) trans-1,3-Dichloropropene	7.84	75	2057	0.966	ug/L	94
46) Tetrachloroethene	8.22	164	711	0.612	ug/L	89
48) 2-Hexanone	8.36	43	3999	1.951	ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	10712	5.516	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062519\

Quantitation Report (Not Reviewed)

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Acq On : 25 Jun 2019 12:29
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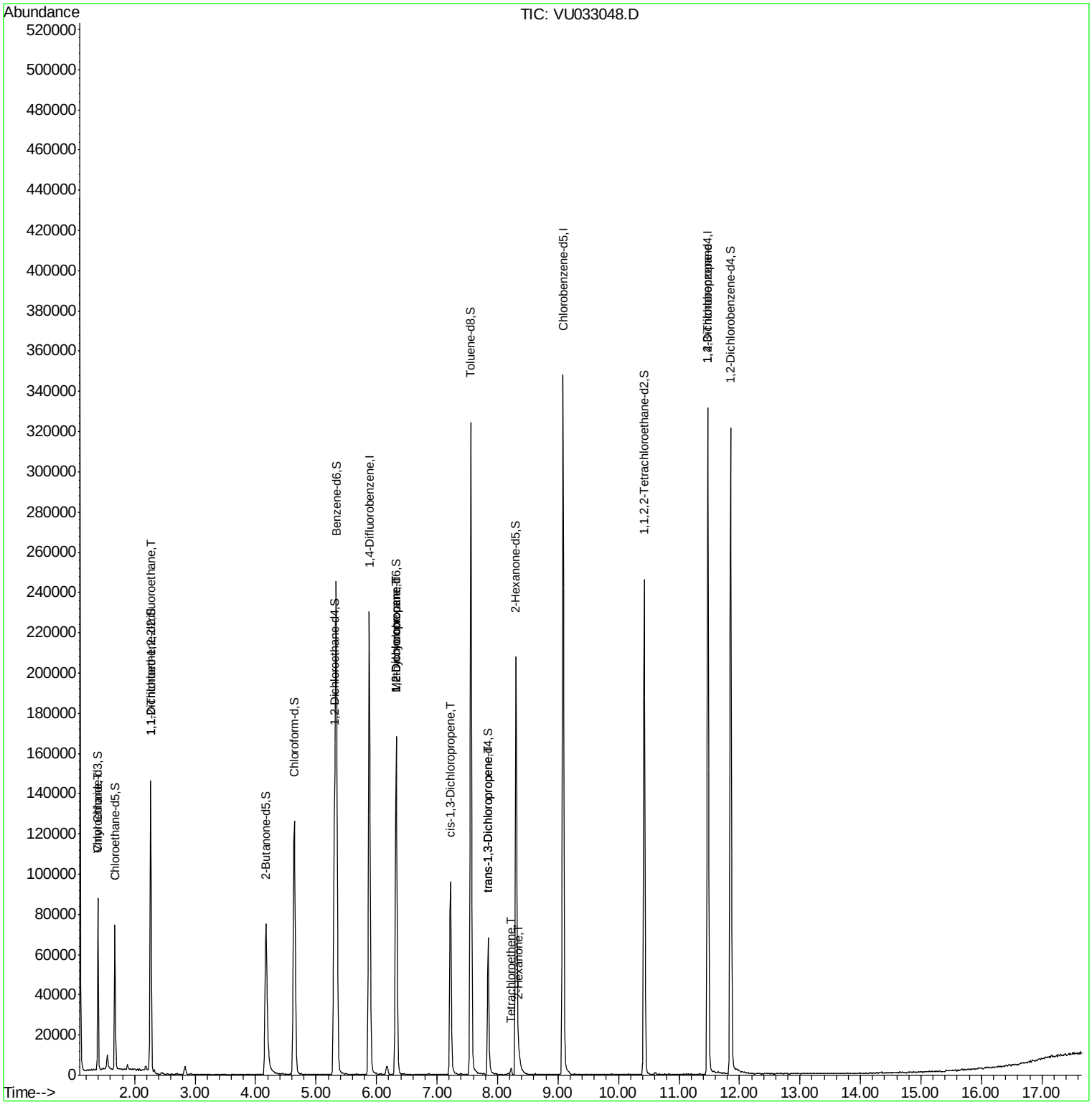
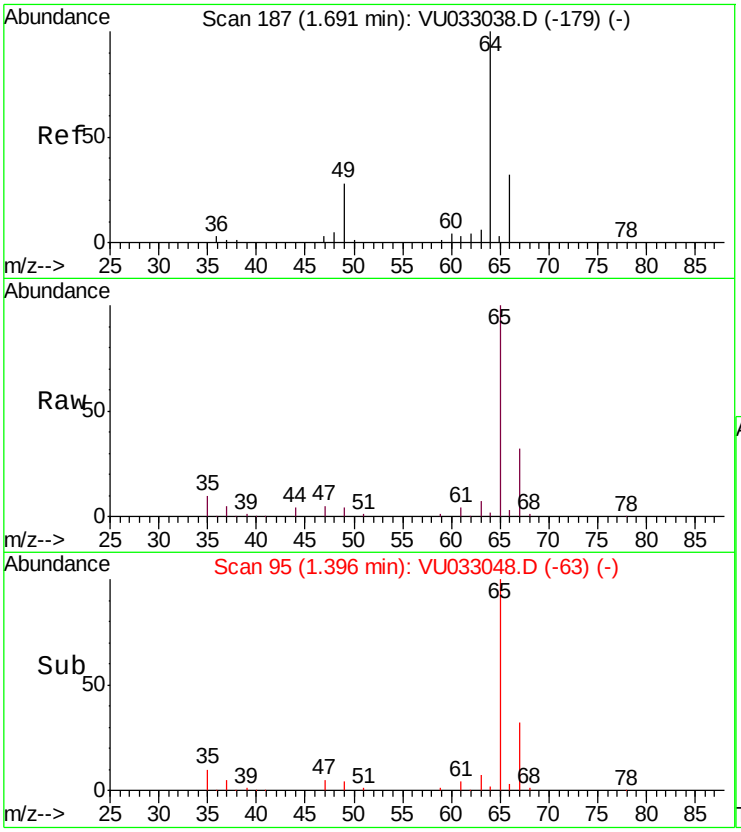
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Jun 26 07:10:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration



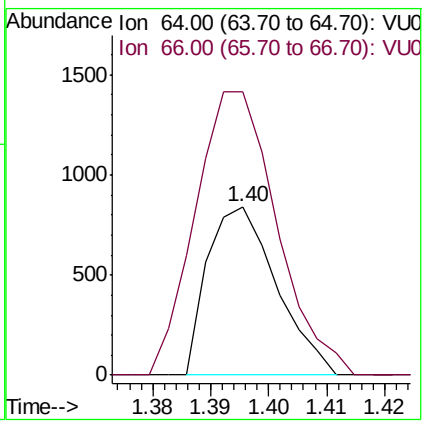


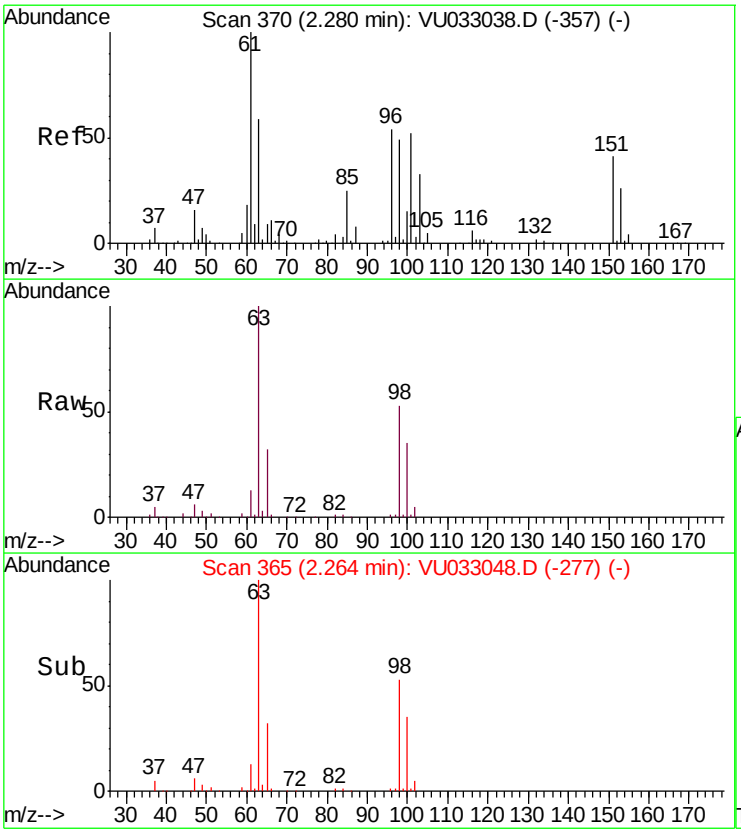
#8
Chloroethane
Concen: 0.727 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 64 Resp: 694

Ion	Ratio	Lower	Upper
64	100		
66	168.2	22.5	41.7#

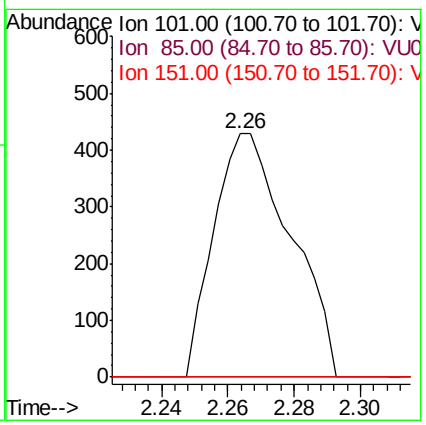


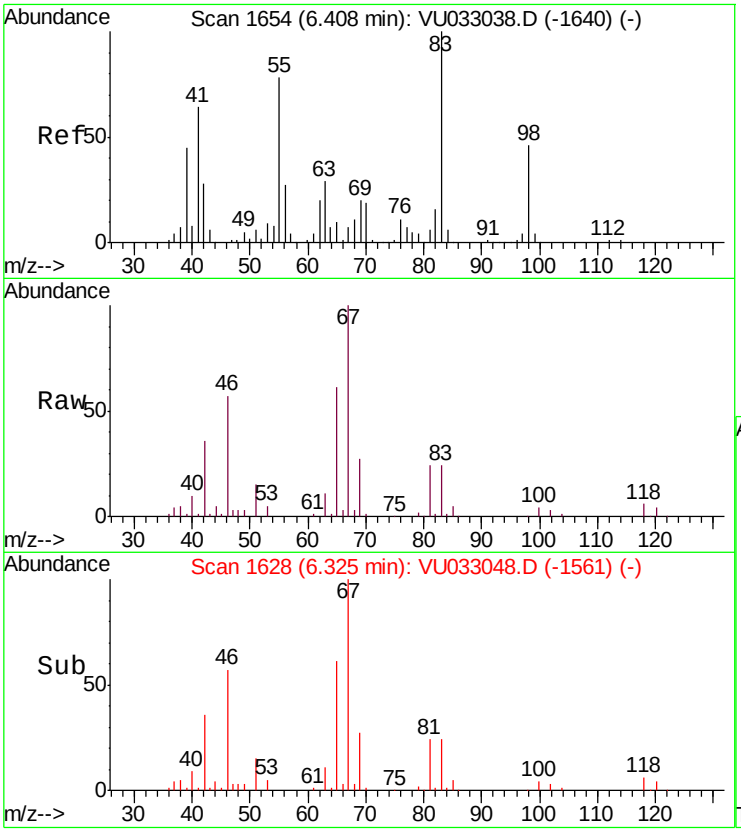


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Tgt Ion:101 Resp: 692

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#



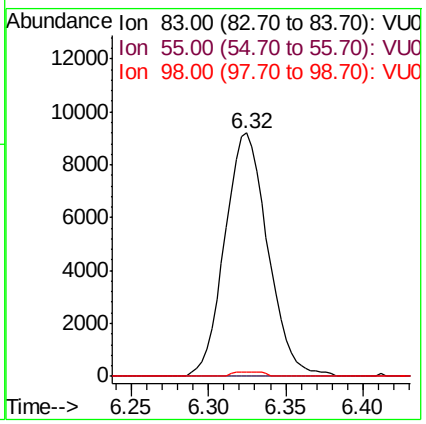


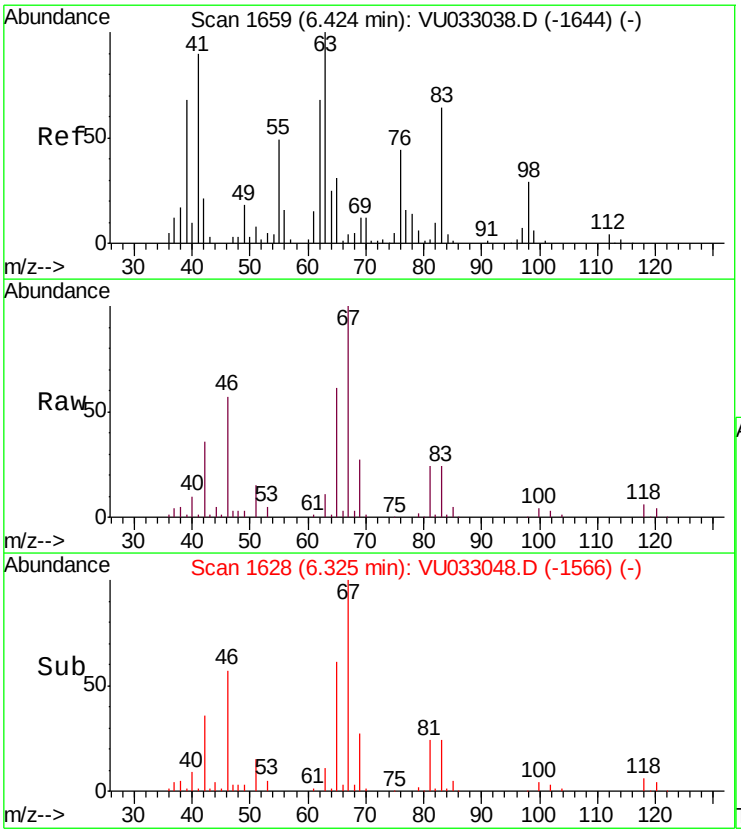
#35
Methylcyclohexane
Concen: 8.106 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 83 Resp: 17761

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.7	37.4	56.0#

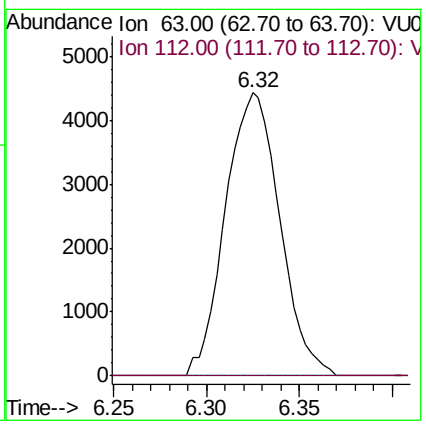


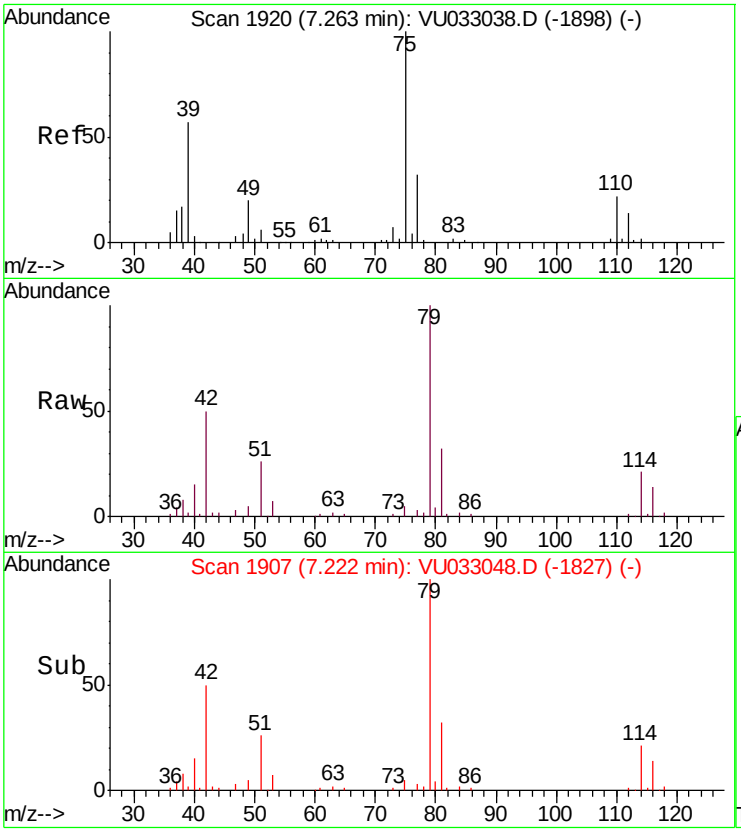


#37
1,2-Dichloropropane
Concen: 6.194 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Tgt Ion: 63 Resp: 9014

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



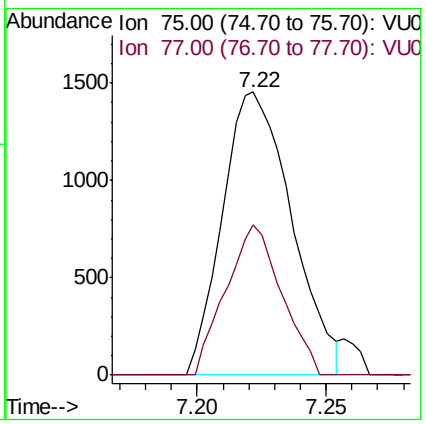


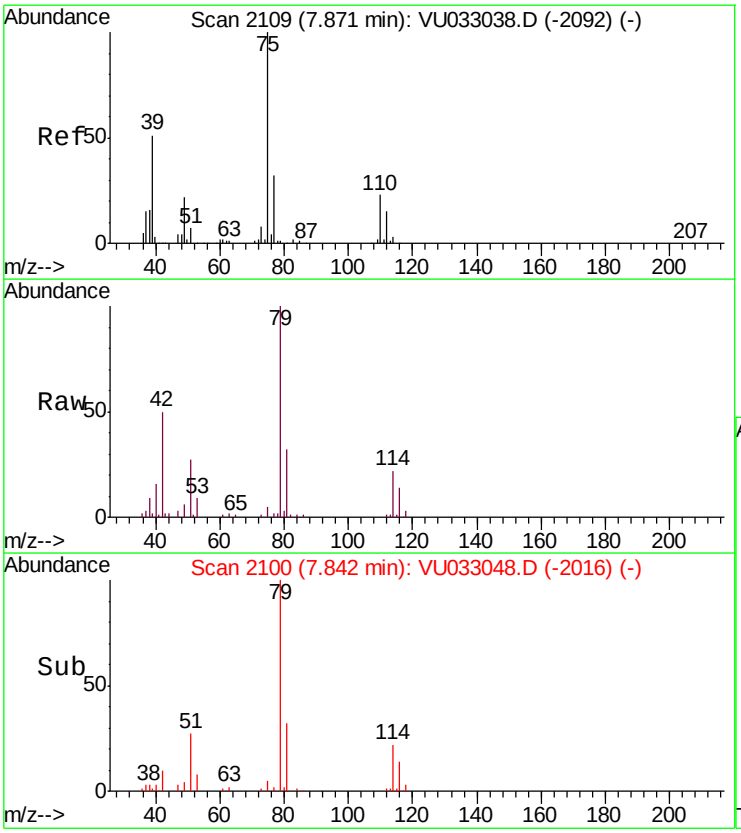
#39
cis-1,3-Dichloropropene
Concen: 1.199 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2719

Ion	Ratio	Lower	Upper
75	100		
77	53.0	21.9	40.7#

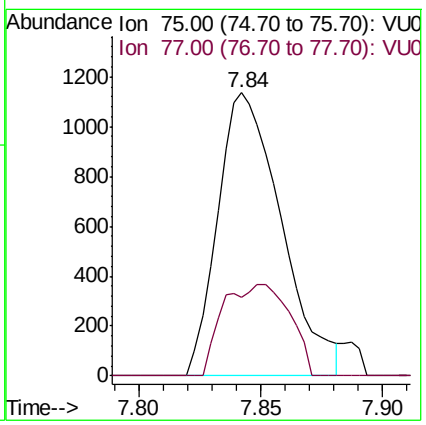


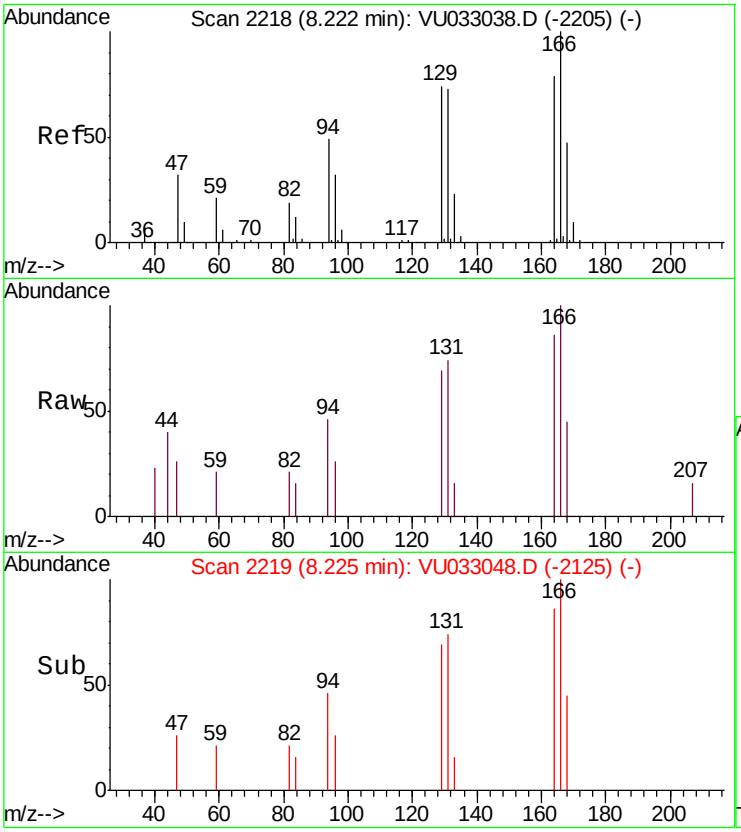


#44
trans-1,3-Dichloropropene
Concen: 0.966 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Tgt Ion: 75 Resp: 2057

Ion	Ratio	Lower	Upper
75	100		
77	27.9	21.8	40.4



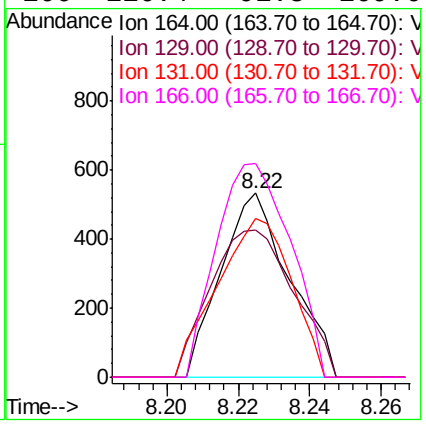


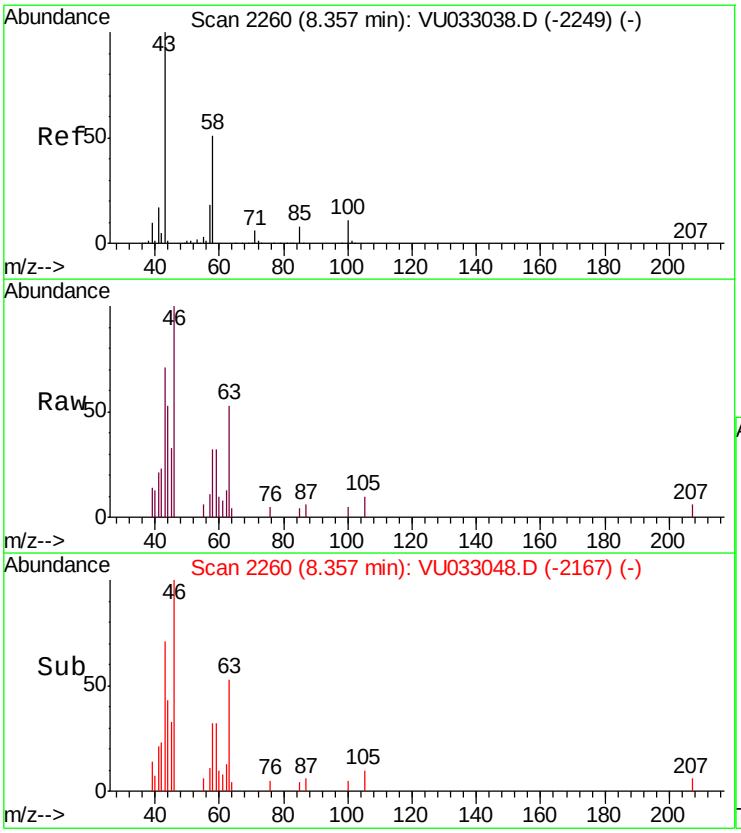
#46
Tetrachloroethene
Concen: 0.612 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:164 Resp: 711

Ion	Ratio	Lower	Upper
164	100		
129	80.1	64.8	120.3
131	86.1	64.5	119.7
166	116.4	91.3	169.6

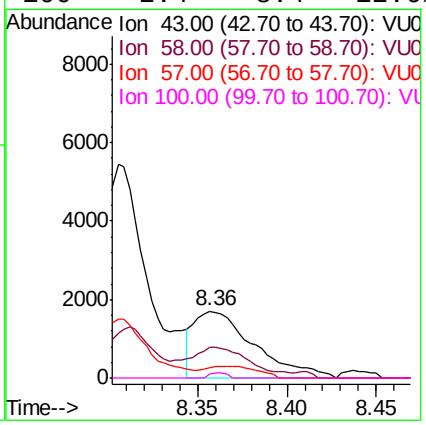


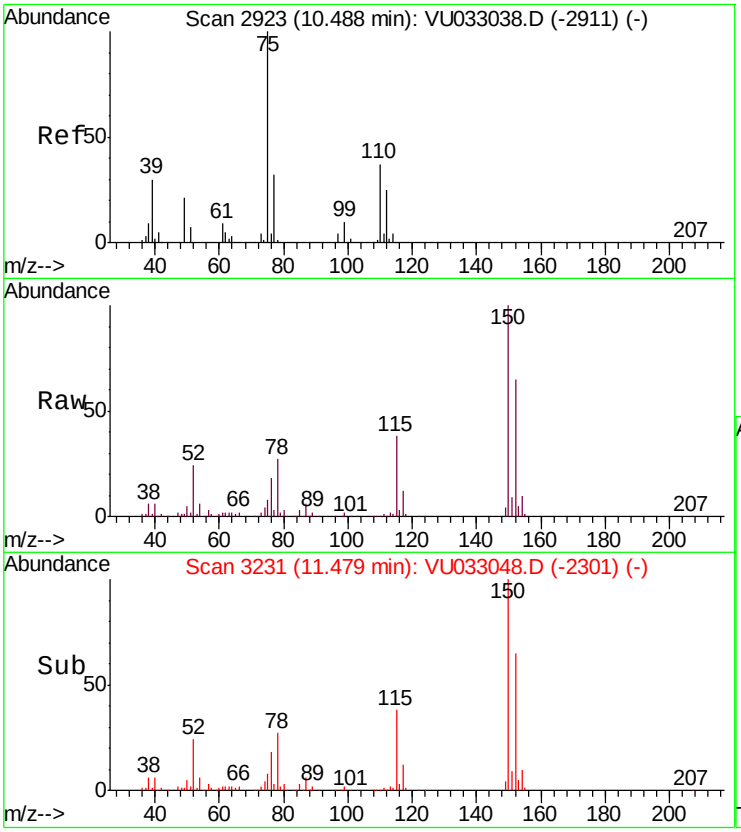


#48
2-Hexanone
Concen: 1.951 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Tgt Ion: 43 Resp: 3999

Ion	Ratio	Lower	Upper
43	100		
58	40.9	40.2	60.2
57	1.5	14.2	21.4#
100	2.4	8.4	12.6#





#59
1,2,3-Trichloropropane
Concen: 5.516 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033048.D
Acq: 25 Jun 2019 12:29

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 10712

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.5	38.3