Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU093020\
Data File : VU040407.D
Acq On : 30 Sep 2020 18:45
Operator : SY/MD
Sample : L4186-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0F1DL

Quant Time: Oct 01 03:08:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122287	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55440	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26320	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.92	69	26178	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.58	63	42887	2.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.00%#			
20) 2-Butanone-d5	4.66	46	159540	53.05	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.10%			
24) Chloroform-d	5.08	84	68723	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.72	65	43591	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.74	84	123515	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	46219	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.90	98	93547	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.19	79	16460	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	107773	48.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44568	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44424	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	76476	6.470	ug/L	97
8) Chloroethane	1.93	64	1382	0.197	ug/L #	44
16) Methylene chloride	3.06	84	2724	0.233	ug/L	94
18) trans-1,2-Dichloroethene	3.38	96	1037	0.108	ug/L	74
22) cis-1,2-Dichloroethene	4.69	96	11185	1.050	ug/L	98
25) Chloroform	5.10	83	2451	0.122	ug/L	90
35) Methylcyclohexane	6.70	83	10722	0.656	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5097	0.436	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	845	0.058	ug/L #	82
48) 2-Hexanone	8.64	43	14441	2.140	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7891	0.931	ug/L	91

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

Quantitation Report (Not Reviewed)

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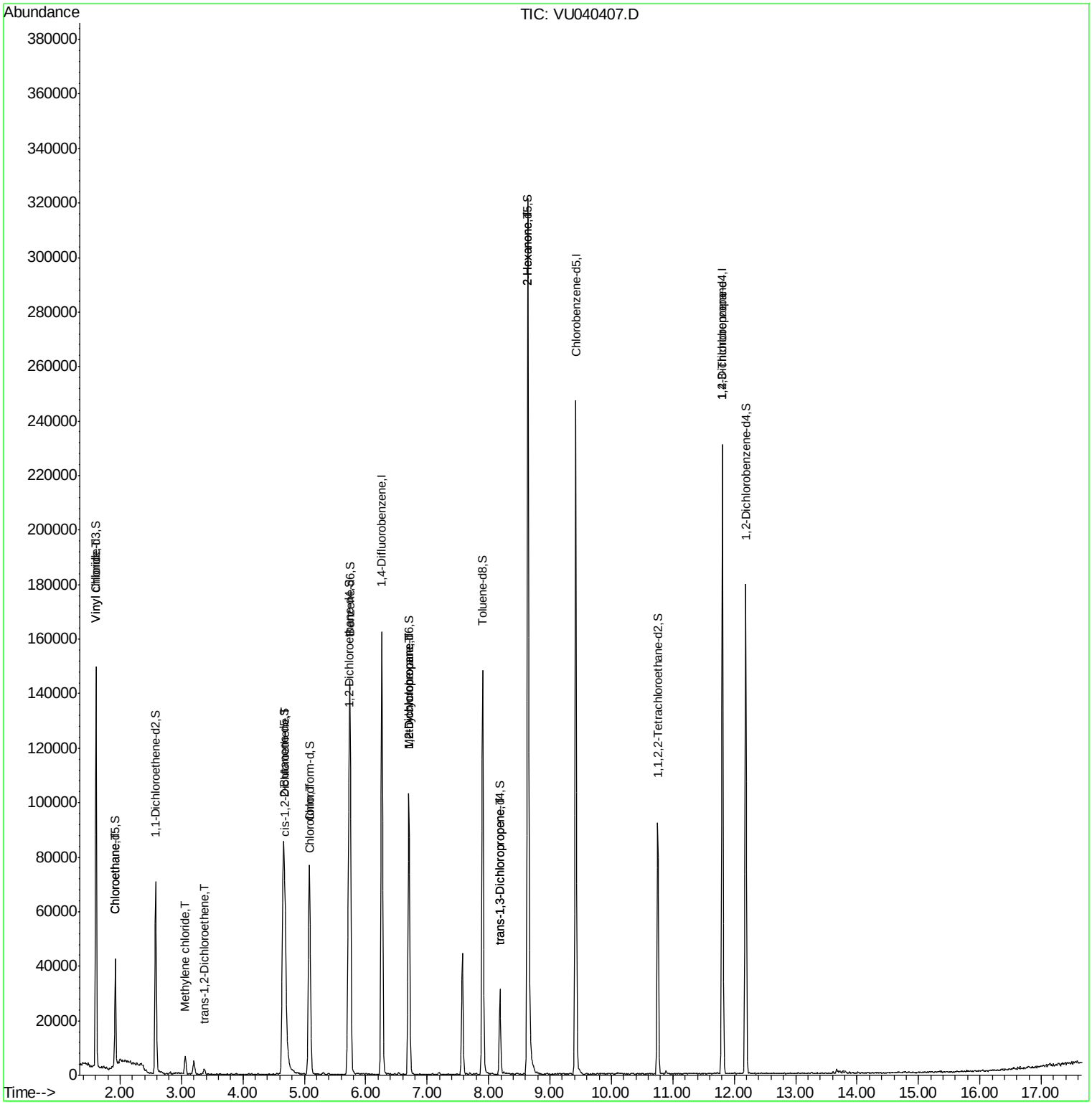
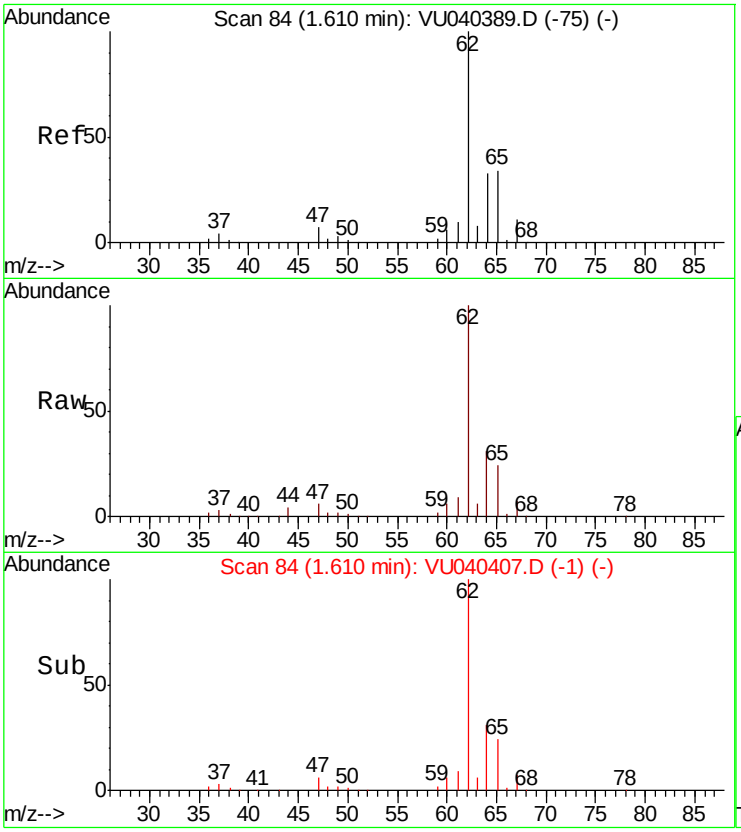
Operator : SY/MD
Sample : L4186-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0F1DL

Quant Time: Oct 01 03:08:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration



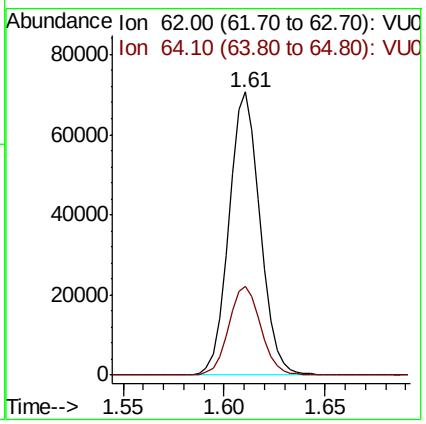


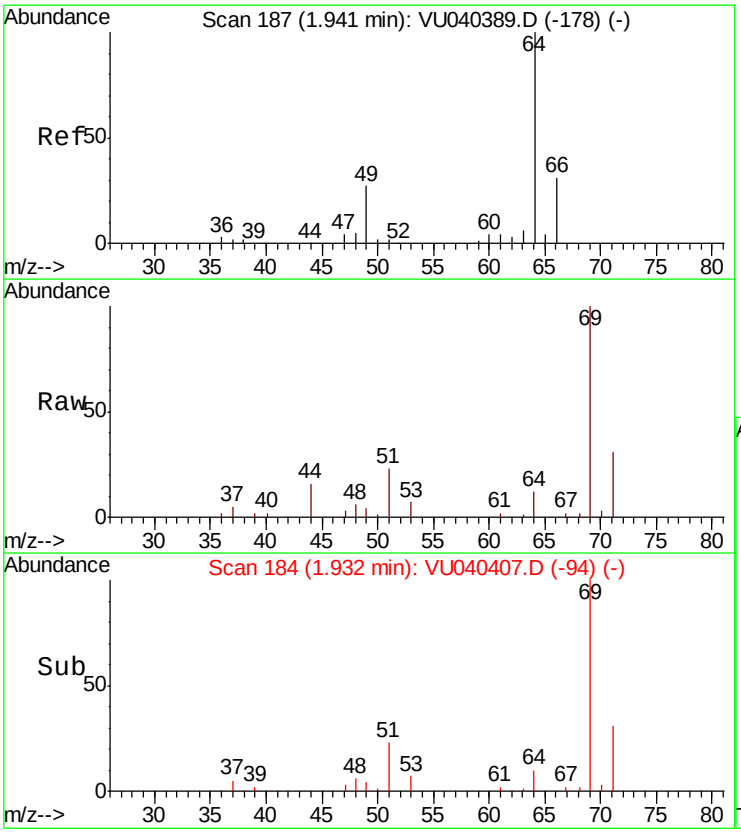
#5
Vinyl chloride
Concen: 6.470 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Instrument :
MSVOA_U
ClientSampleId :
BG0F1DL

Tgt Ion: 62 Resp: 76476

Ion	Ratio	Lower	Upper
62	100		
64	31.4	23.0	42.8

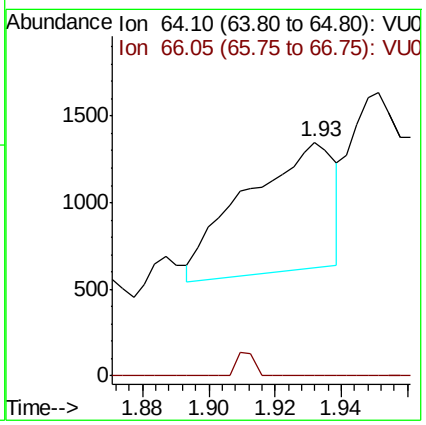


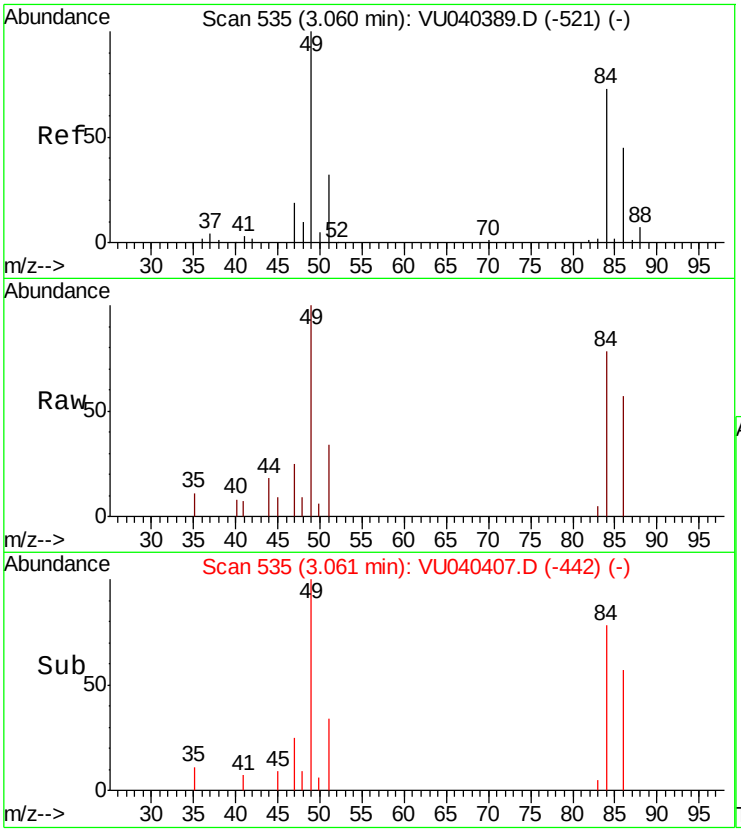


#8
Chloroethane
Concen: 0.197 ug/L
RT: 1.93 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Tgt Ion: 64 Resp: 1382

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.3	39.6#



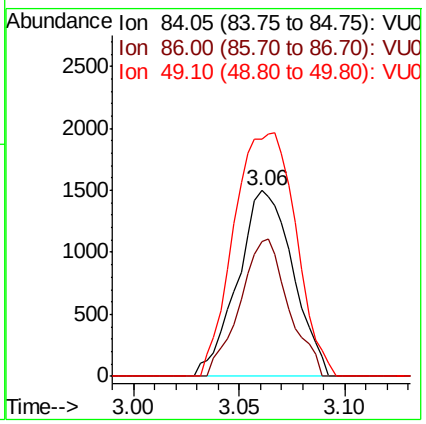


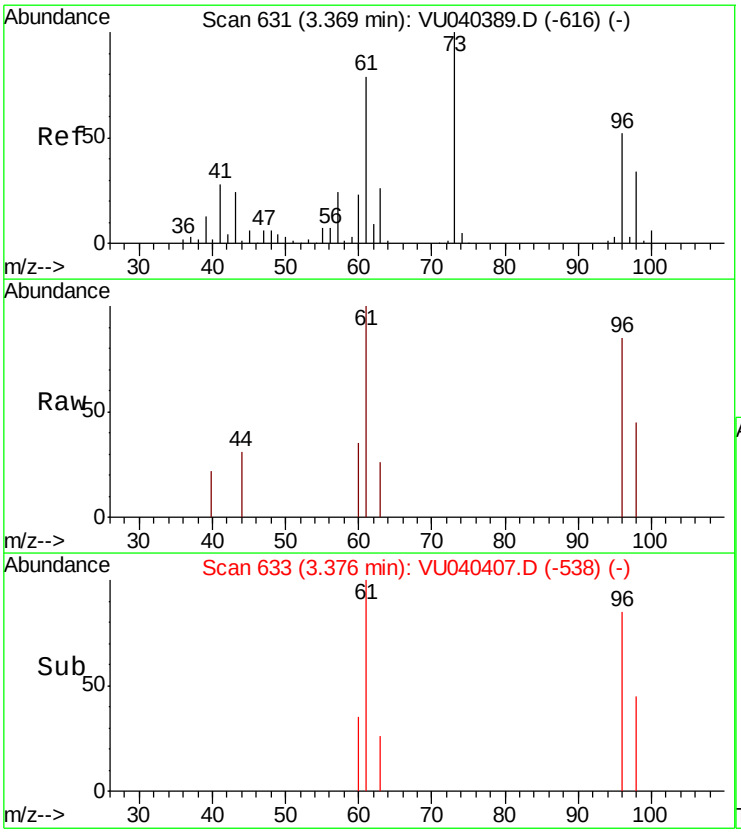
#16
Methylene chloride
Concen: 0.233 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Instrument :
MSVOA_U
ClientSampleId :
BG0F1DL

Tgt Ion: 84 Resp: 2724

Ion	Ratio	Lower	Upper
84	100		
86	72.6	44.4	82.5
49	127.7	92.2	171.2

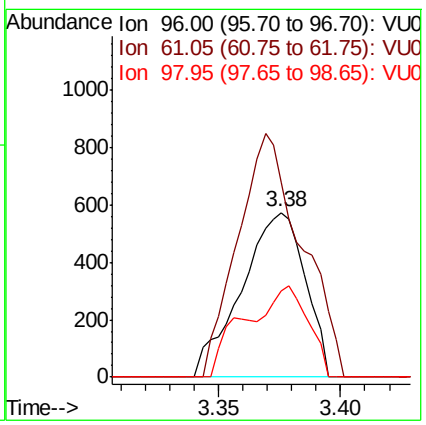


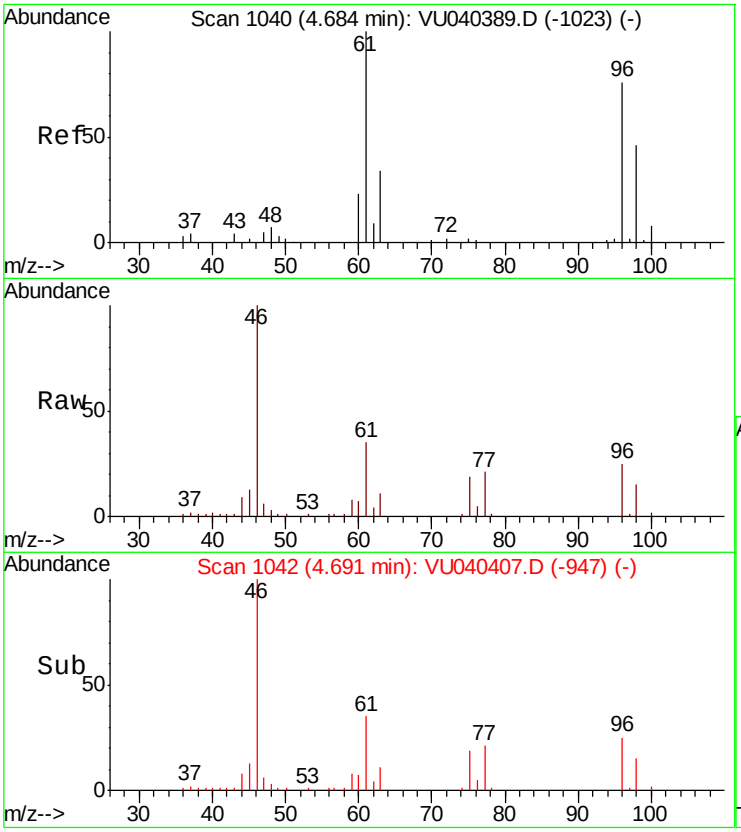


#18
trans-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Tgt Ion: 96 Resp: 1037

Ion	Ratio	Lower	Upper
96	100		
61	117.9	109.3	203.1
98	52.6	45.8	85.0



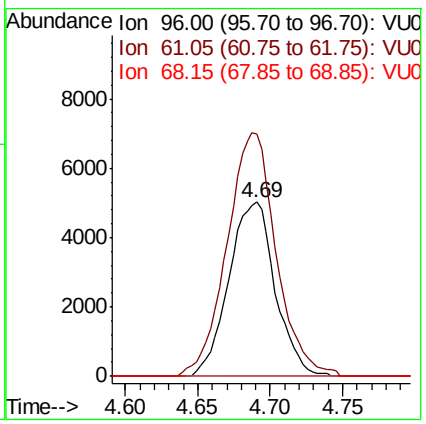


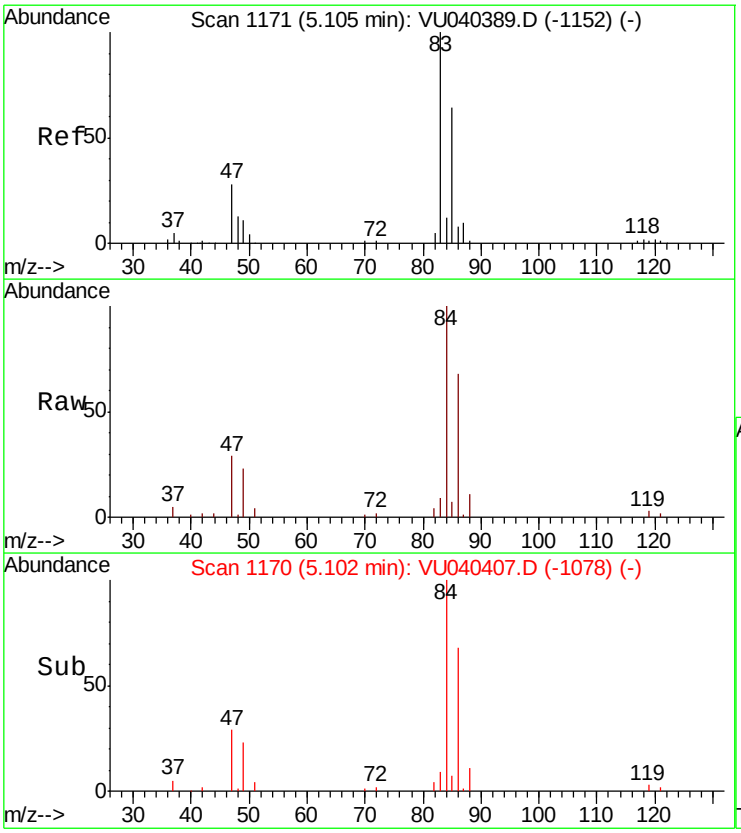
#22
cis-1,2-Dichloroethene
Concen: 1.050 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Instrument : MSVOA_U
ClientSampleId : BG0F1DL

Tgt Ion: 96 Resp: 11185

Ion	Ratio	Lower	Upper
96	100		
61	139.7	99.3	184.5
68	0.0	0.0	0.0

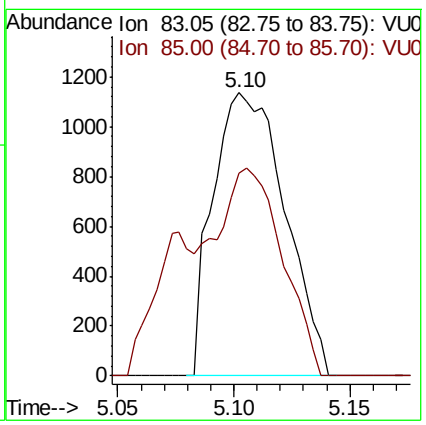


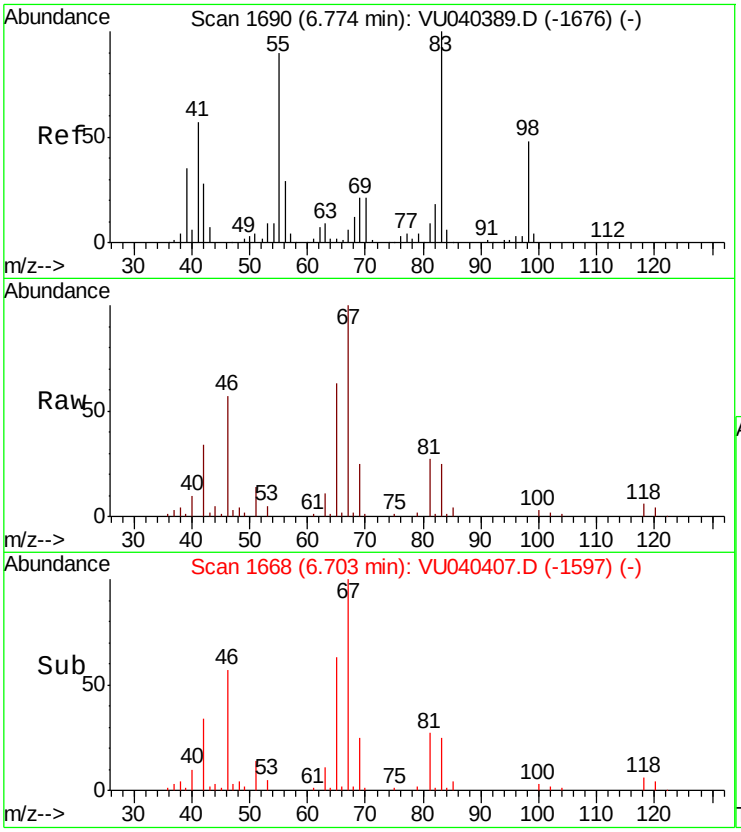


#25
Chloroform
Concen: 0.122 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Tgt Ion: 83 Resp: 2451

Ion	Ratio	Lower	Upper
83	100		
85	71.8	44.6	82.8



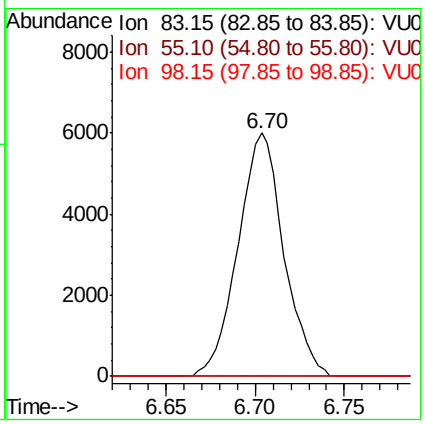


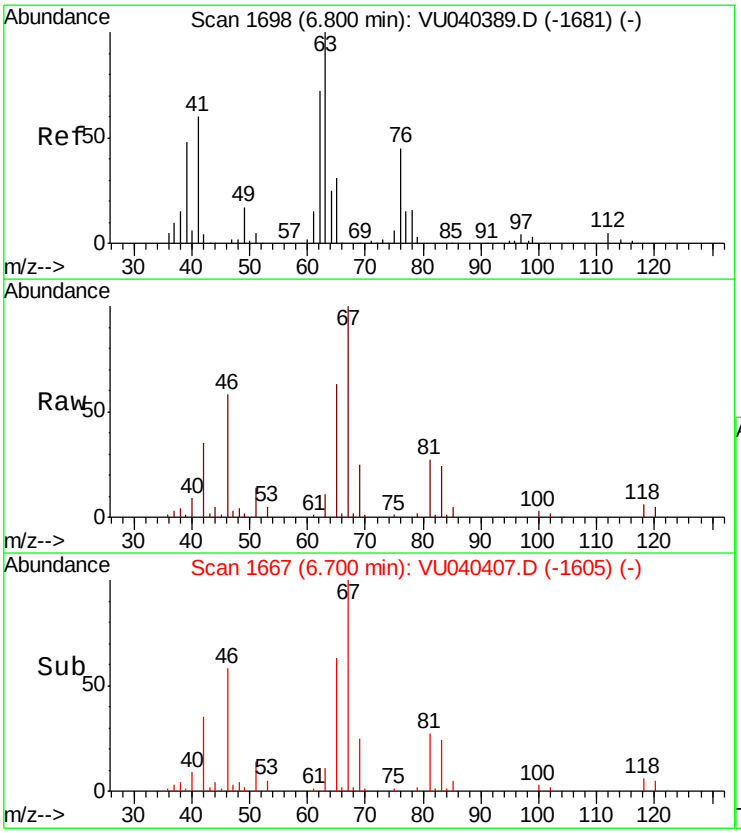
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Instrument : MSVOA_U
ClientSampleId : BG0F1DL

Tgt Ion: 83 Resp: 10722

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	0.4	38.5	57.7#

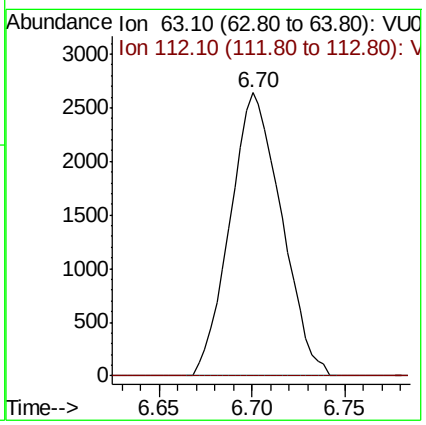


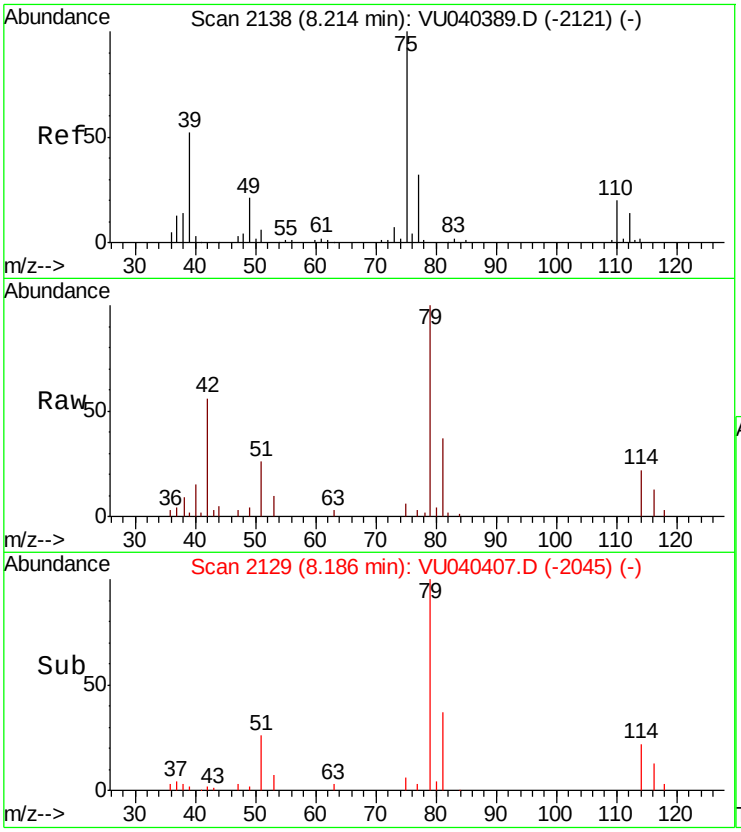


#37
1,2-Dichloropropane
Concen: 0.436 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Tgt Ion: 63 Resp: 5097

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



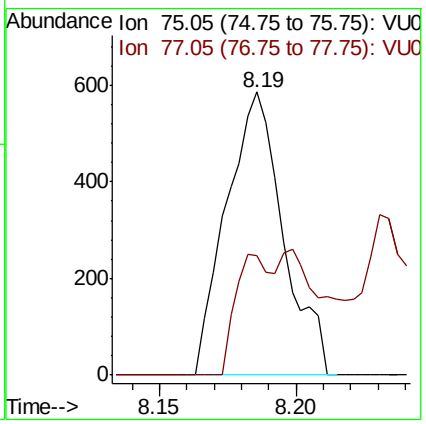


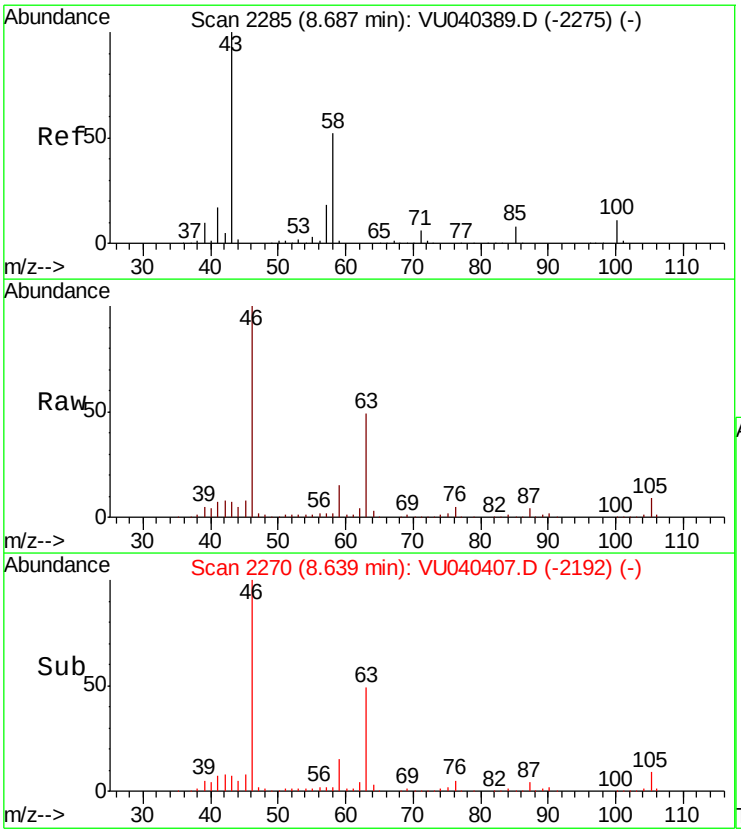
#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Instrument :
MSVOA_U
ClientSampleId :
BG0F1DL

Tgt Ion: 75 Resp: 845

Ion	Ratio	Lower	Upper
75	100		
77	42.0	22.3	41.3#

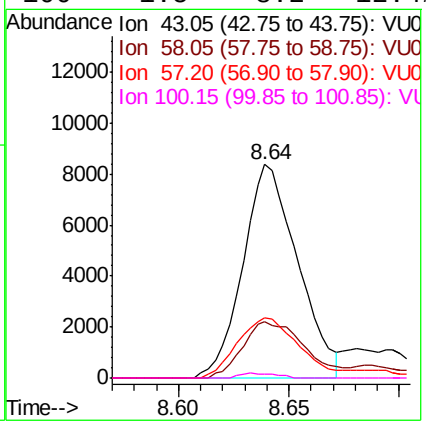


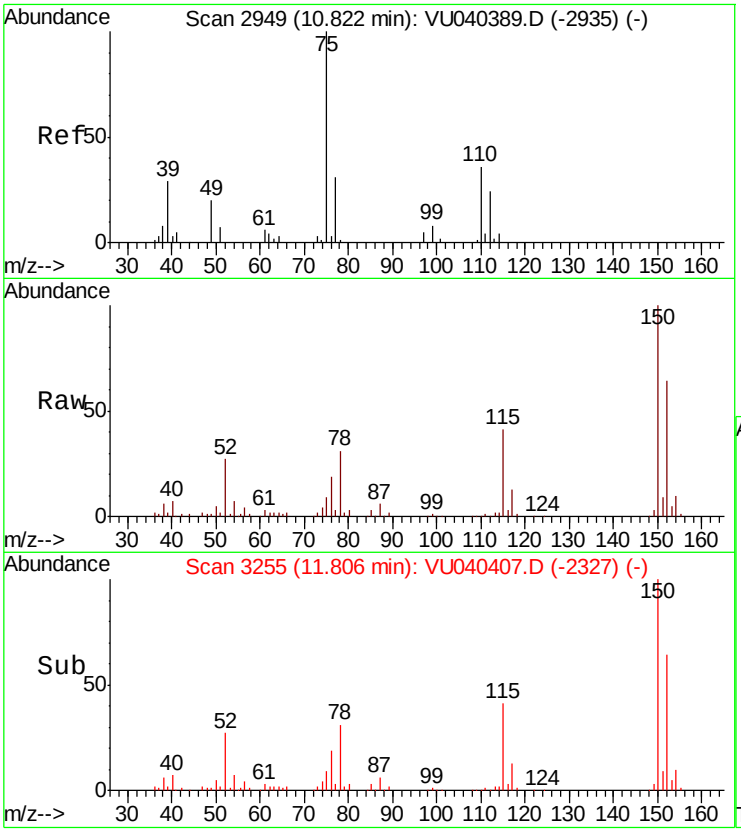


#48
2-Hexanone
Concen: 2.140 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Tgt Ion: 43 Resp: 14441

Ion	Ratio	Lower	Upper
43	100		
58	30.4	41.0	61.4#
57	32.3	14.6	22.0#
100	1.5	8.2	12.4#





#59
1,2,3-Trichloropropane
Concen: 0.931 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040407.D
Acq: 30 Sep 2020 18:45

Instrument :
MSVOA_U
ClientSampleId :
BG0F1DL

Tgt Ion: 75 Resp: 7891

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5