Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040782.D
Acq On : 17 Oct 2020 23:32
Operator : SY/MD
Sample : L4354-14
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:11:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117075	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49523	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	34977	3.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.00%			
7) Chloroethane-d5	1.93	69	33006	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.58	63	54748	2.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.80%#			
20) 2-Butanone-d5	4.66	46	176024	56.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.40%			
24) Chloroform-d	5.08	84	81294	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.72	65	53728	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.75	84	145879	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.70	67	51849	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.91	98	110637	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	8.19	79	18283	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	8.64	63	115830	48.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.64%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48318	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47885	5.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2184	0.220	ug/L #	65
5) Vinyl chloride	1.61	62	2376	0.227	ug/L #	1
8) Chloroethane	1.93	64	610	0.092	ug/L #	52
14) Carbon disulfide	2.81	76	1609	0.069	ug/L #	74
22) cis-1,2-Dichloroethene	4.69	96	11898	1.262	ug/L	97
25) Chloroform	5.11	83	4262	0.231	ug/L	98
33) Benzene	5.75	78	1075	0.027	ug/L	100
35) Methylcyclohexane	6.70	83	11883	0.820	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5493	0.500	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1076	0.072	ug/L #	65
44) trans-1,3-Dichloropropene	8.19	75	919	0.067	ug/L #	63
48) 2-Hexanone	8.64	43	17481	2.683	ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	6746	0.837	ug/L #	88

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

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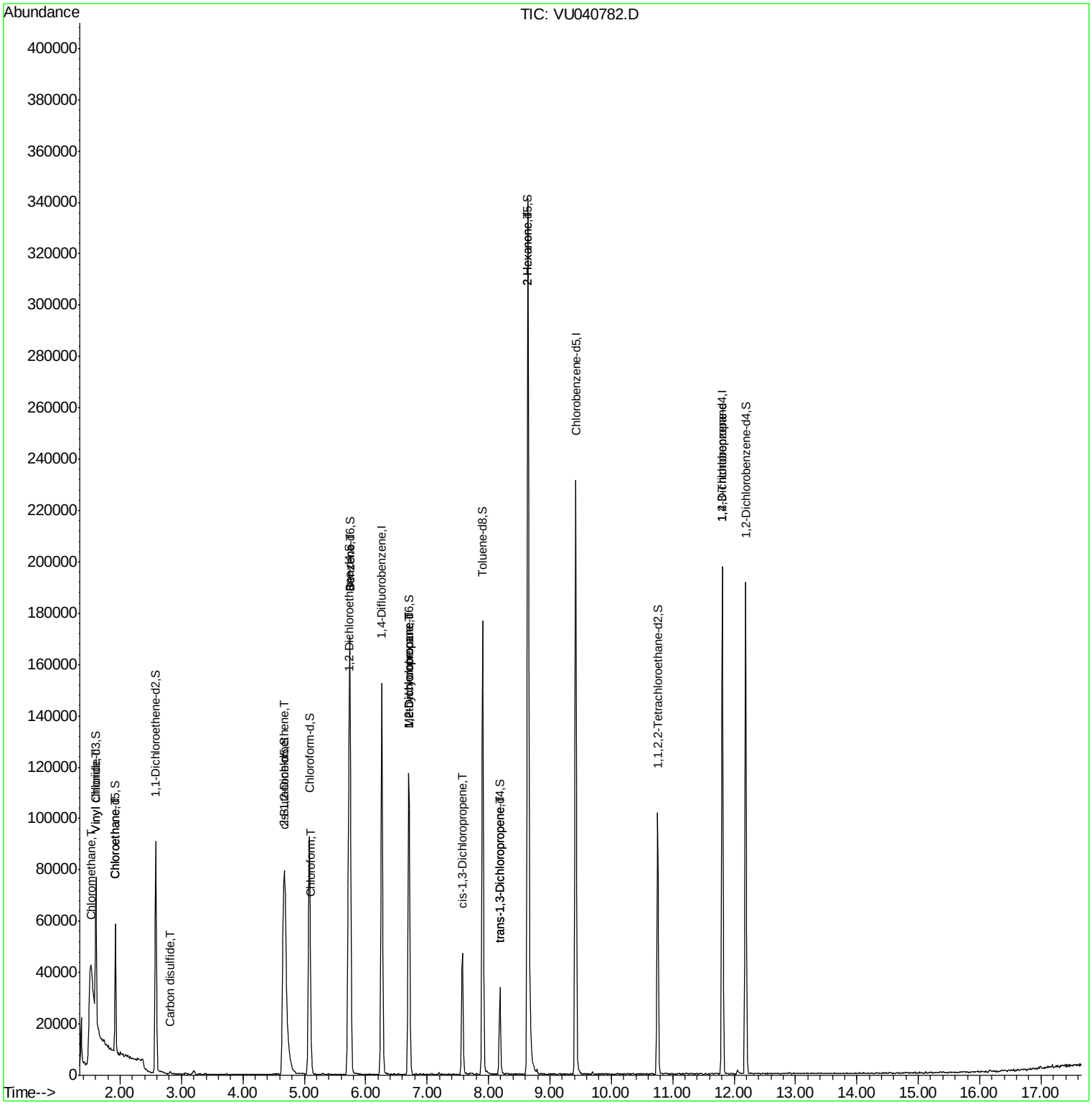
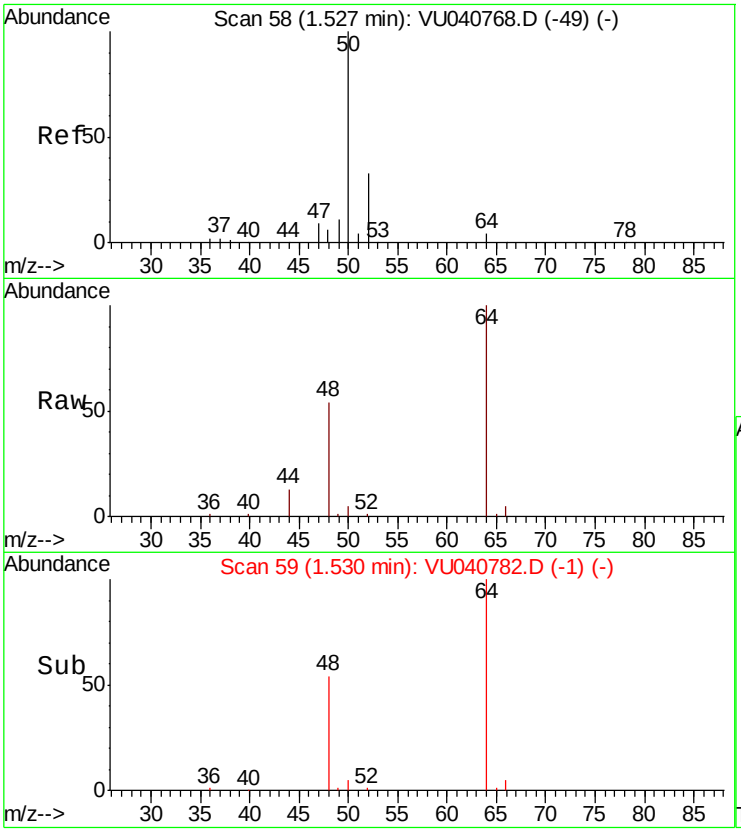
Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:11:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



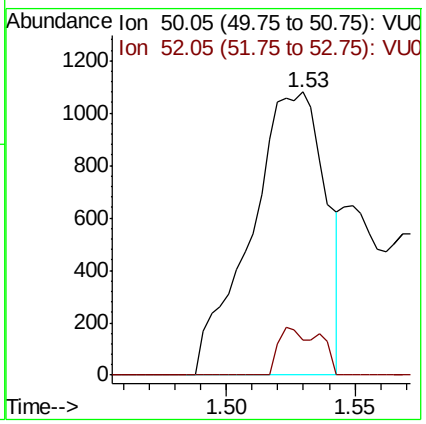


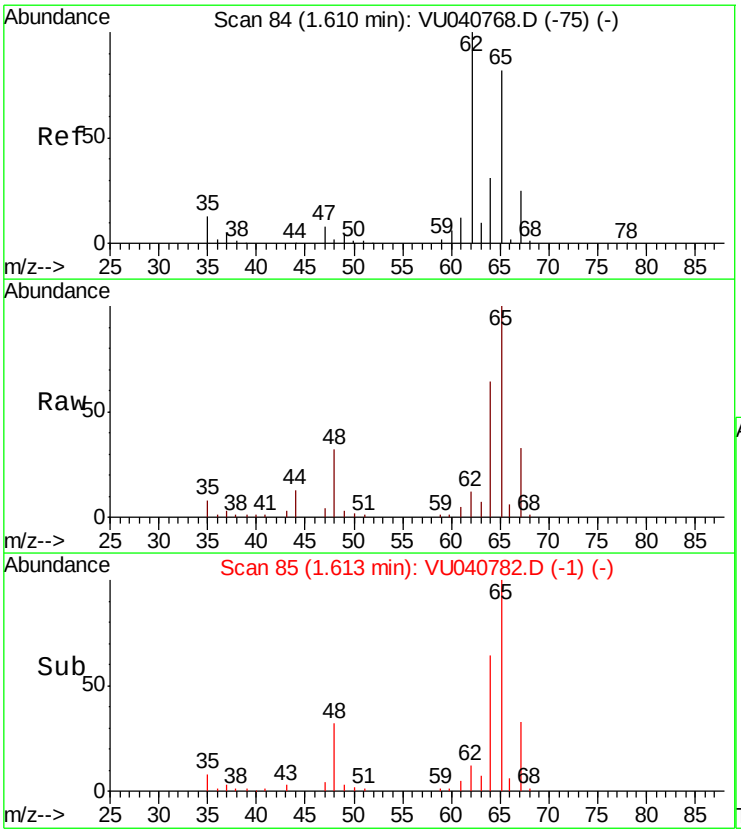
#3
Chloromethane
Concen: 0.220 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 2184

Ion	Ratio	Lower	Upper
50	100		
52	12.2	21.9	40.7#

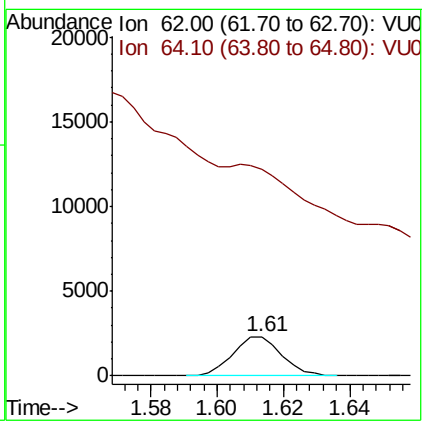


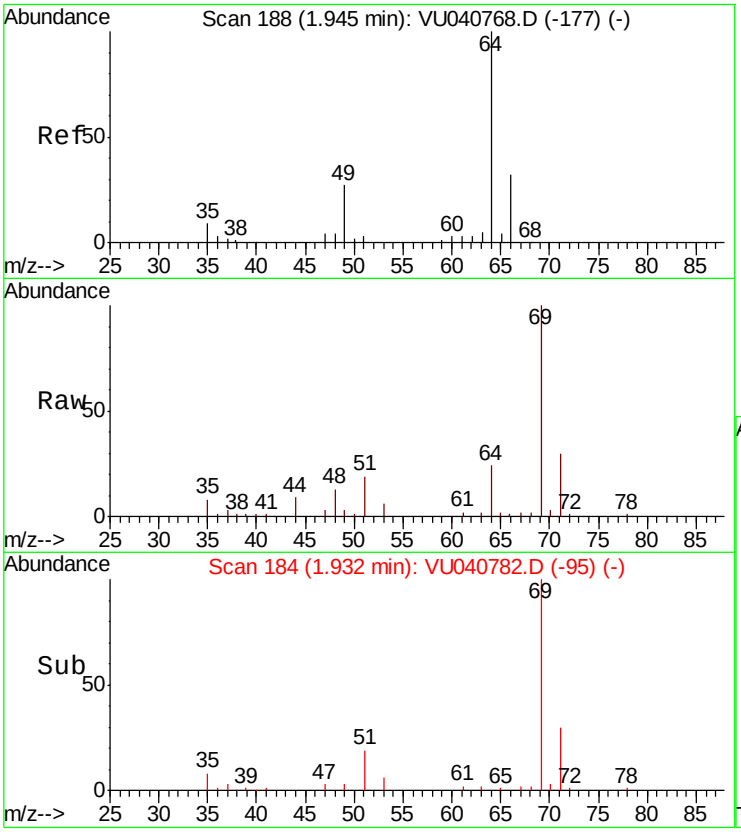


#5
Vinyl chloride
Concen: 0.227 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.00 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 62 Resp: 2376

Ion	Ratio	Lower	Upper
62	100		
64	523.7	23.7	44.1#



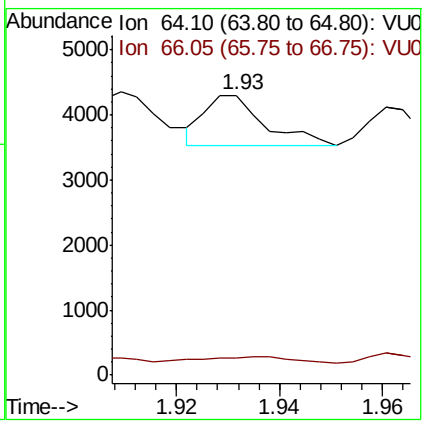


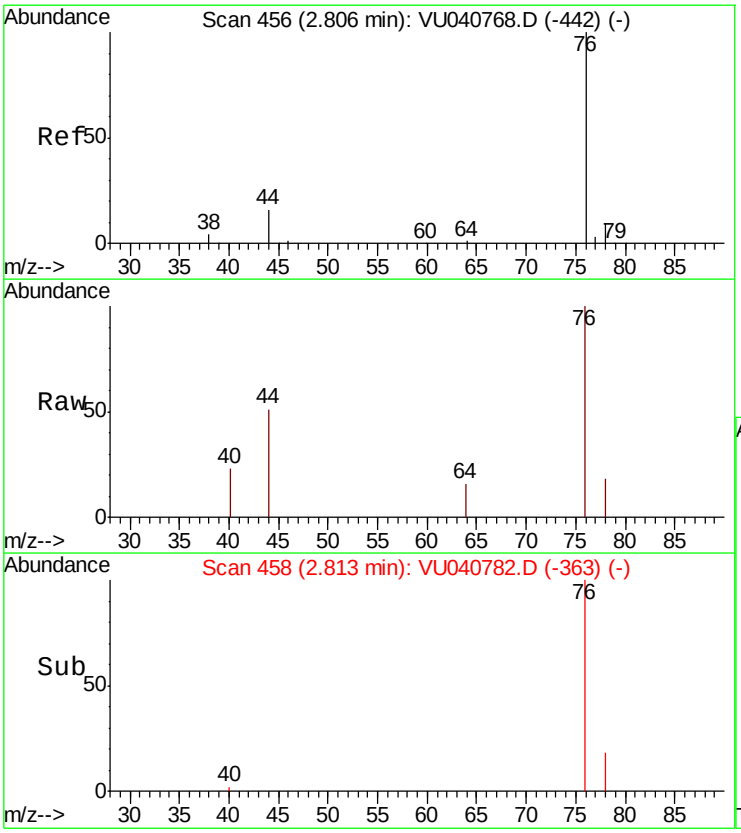
#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.93 min Scan# 184
Delta R.T. -0.01 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 610

Ion	Ratio	Lower	Upper
64	100		
66	6.1	23.3	43.3#

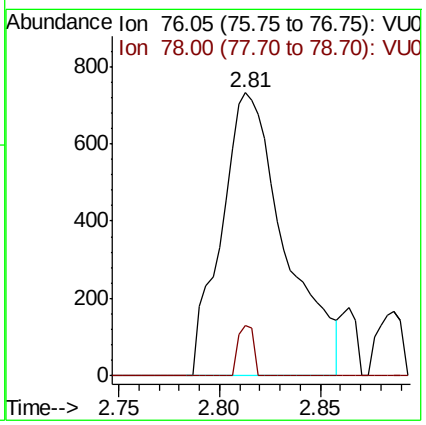


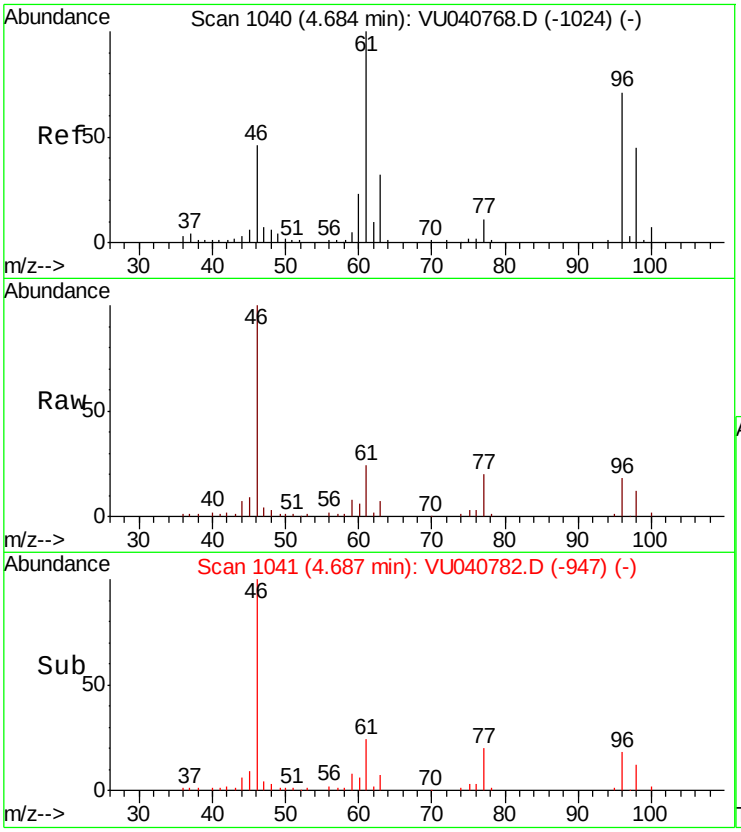


#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.81 min Scan# 458
Delta R.T. 0.01 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 76 Resp: 1609

Ion	Ratio	Lower	Upper
76	100		
78	17.6	6.8	10.2#



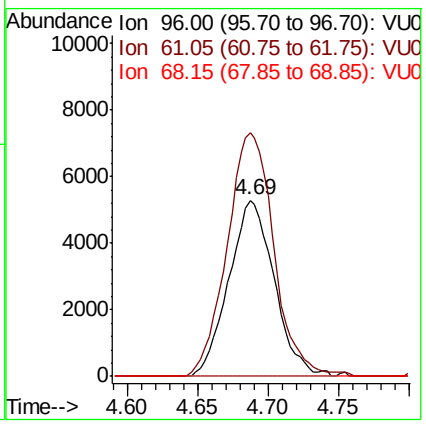


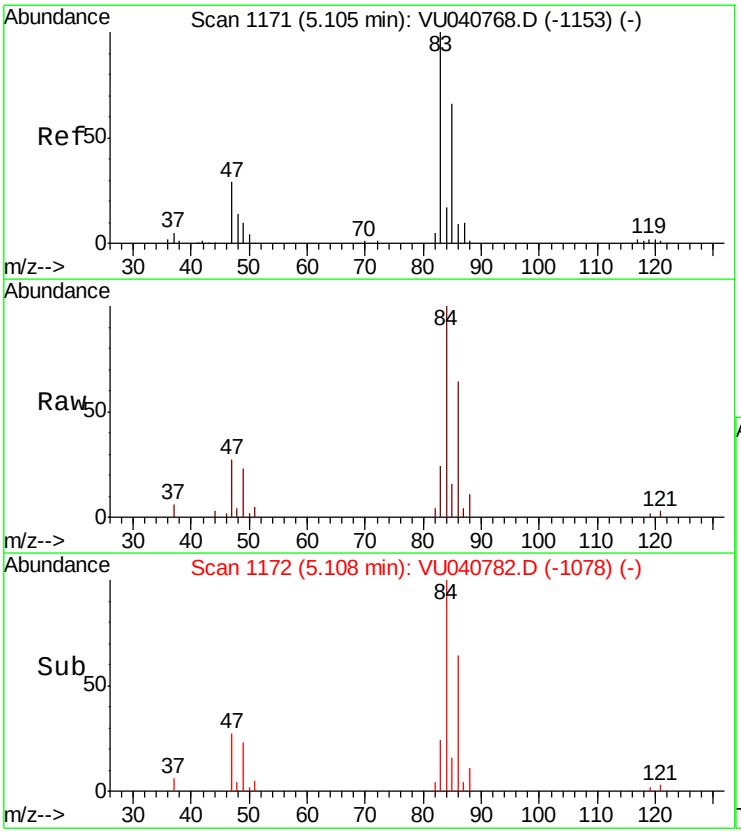
#22
cis-1,2-Dichloroethene
Concen: 1.262 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 11898

Ion	Ratio	Lower	Upper
96	100		
61	138.4	99.8	185.4
68	0.0	0.0	0.0

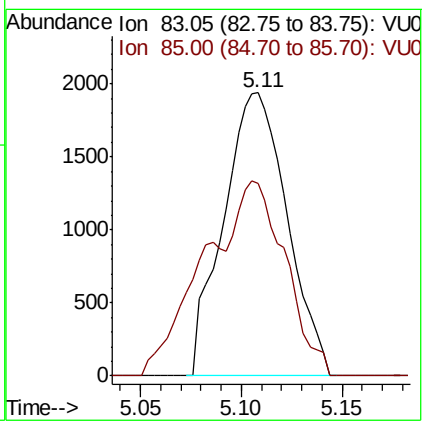


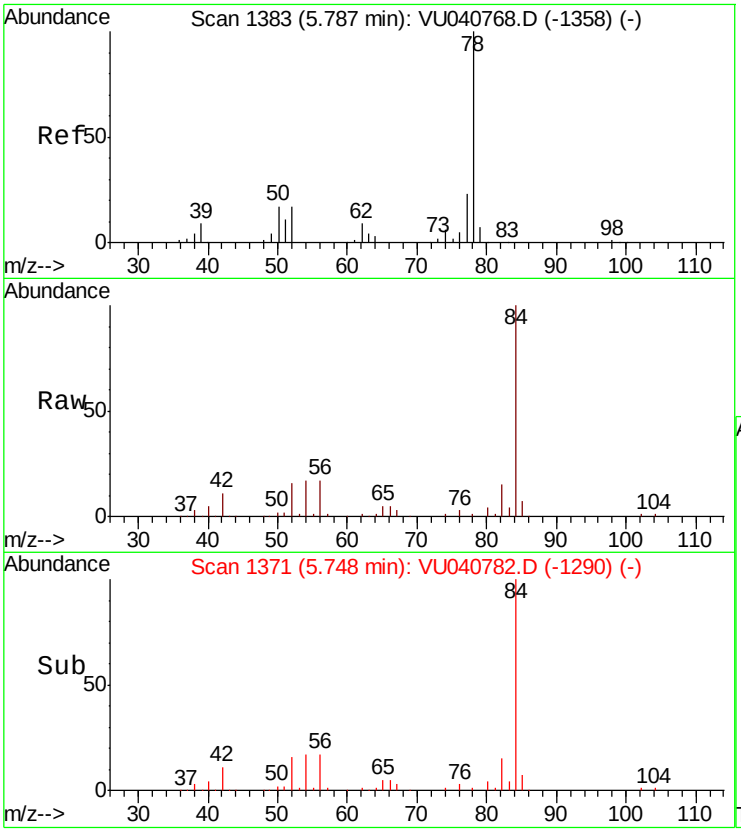


#25
Chloroform
Concen: 0.231 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 83 Resp: 4262

Ion	Ratio	Lower	Upper
83	100		
85	68.2	46.5	86.5

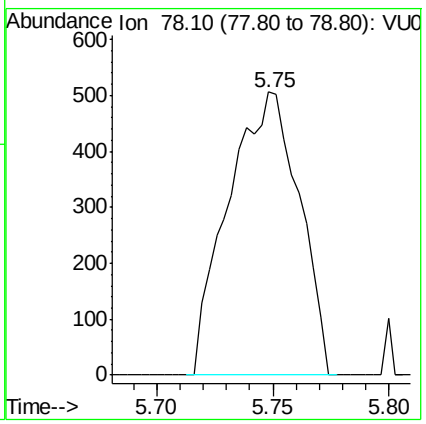


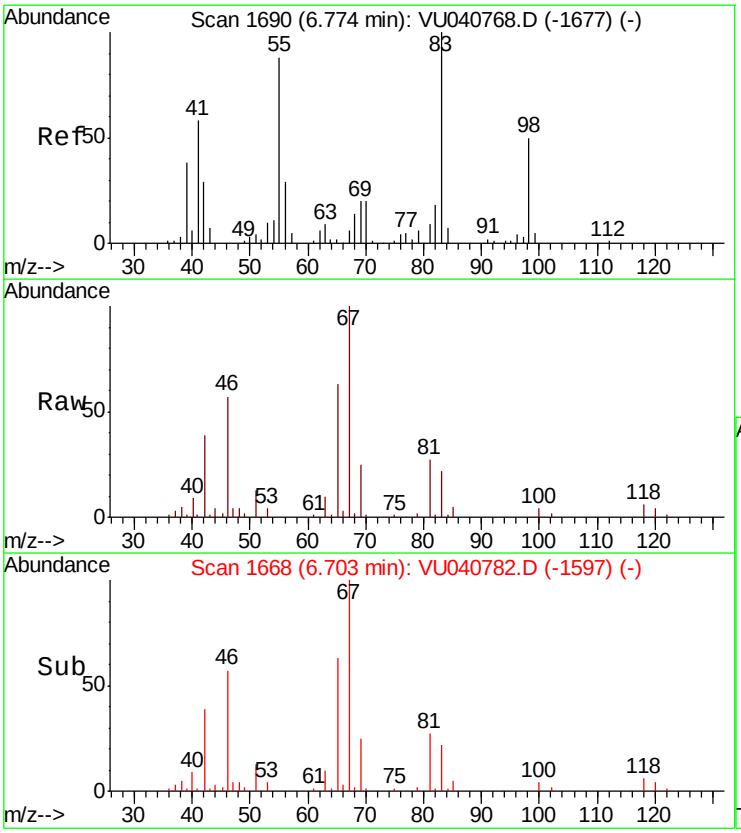


#33
Benzene
Concen: 0.027 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 1075

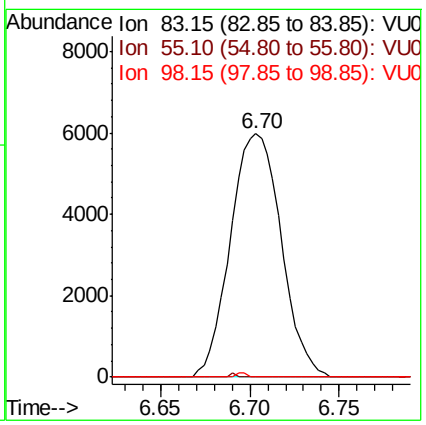


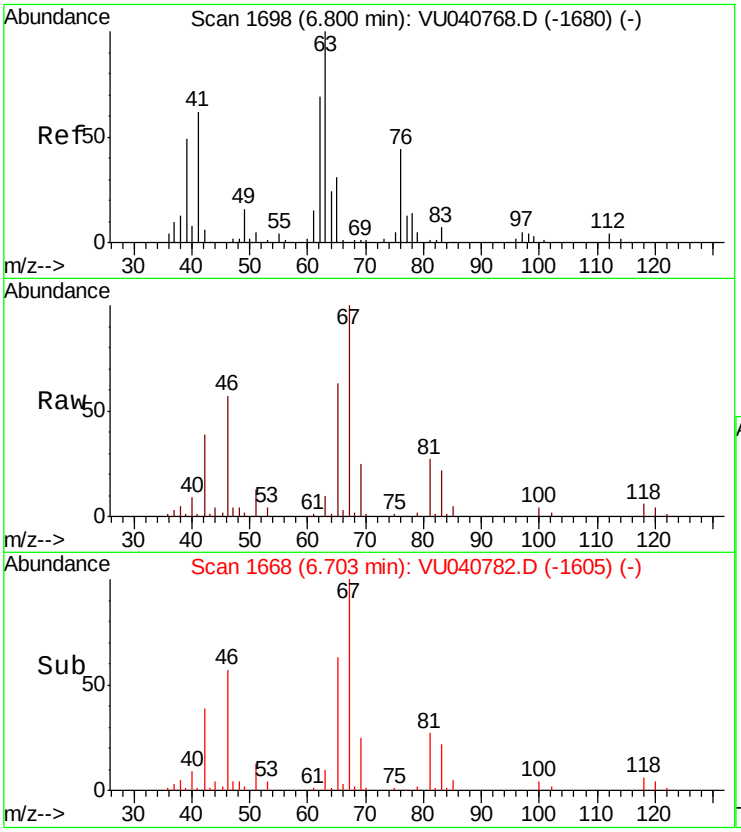


#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 83 Resp: 11883

Ion	Ratio	Lower	Upper
83	100		
55	0.2	70.7	106.1#
98	0.3	38.4	57.6#



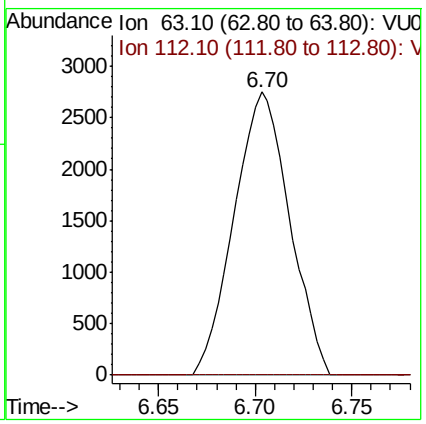


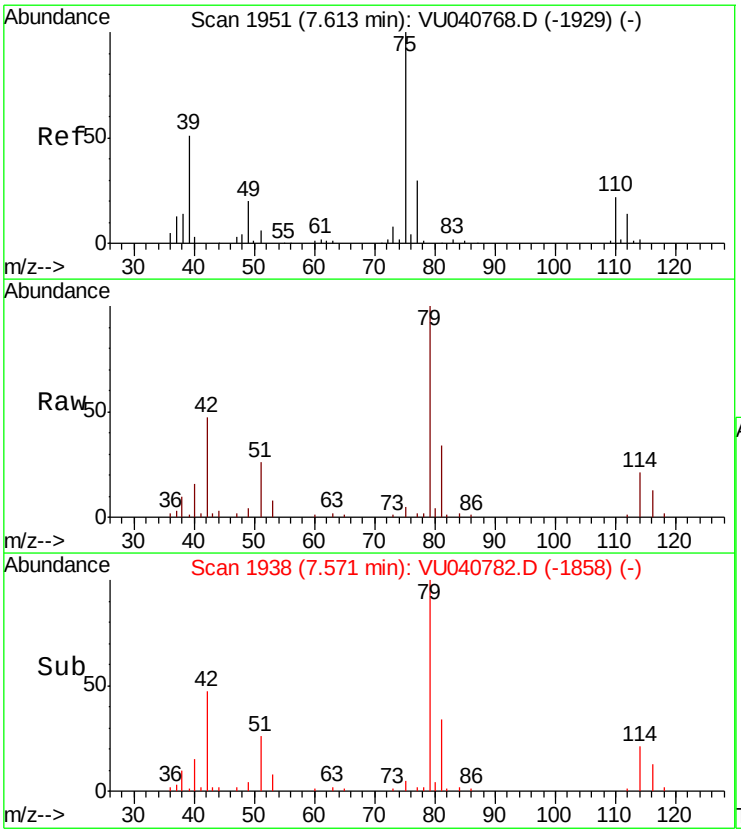
#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5493

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

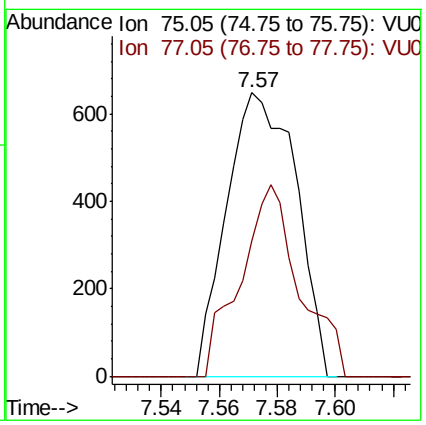


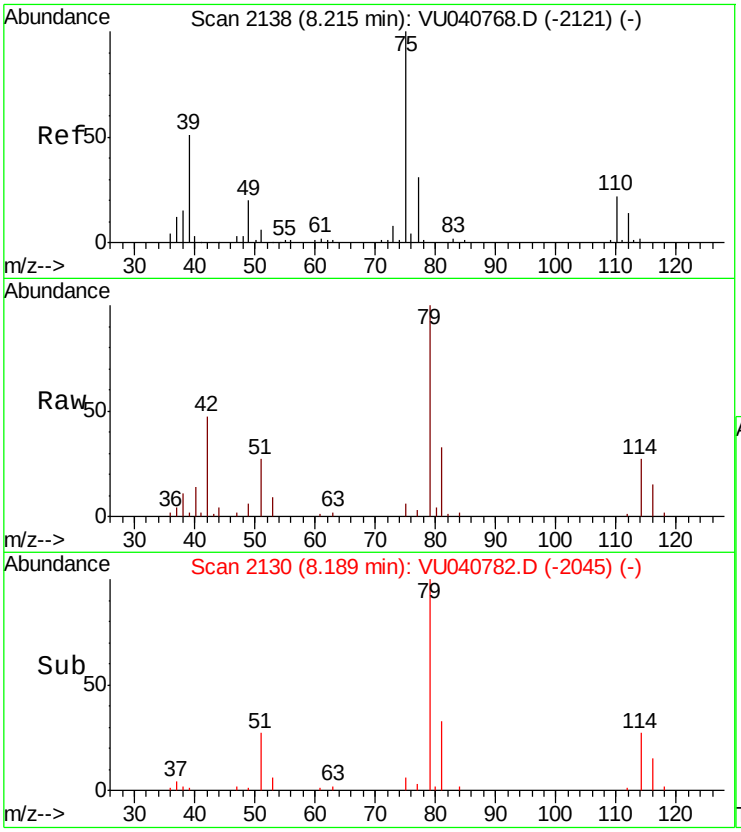


#39
cis-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 75 Resp: 1076

Ion	Ratio	Lower	Upper
75	100		
77	47.8	20.5	38.1#



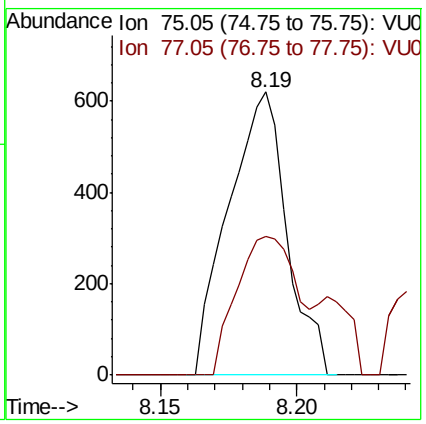


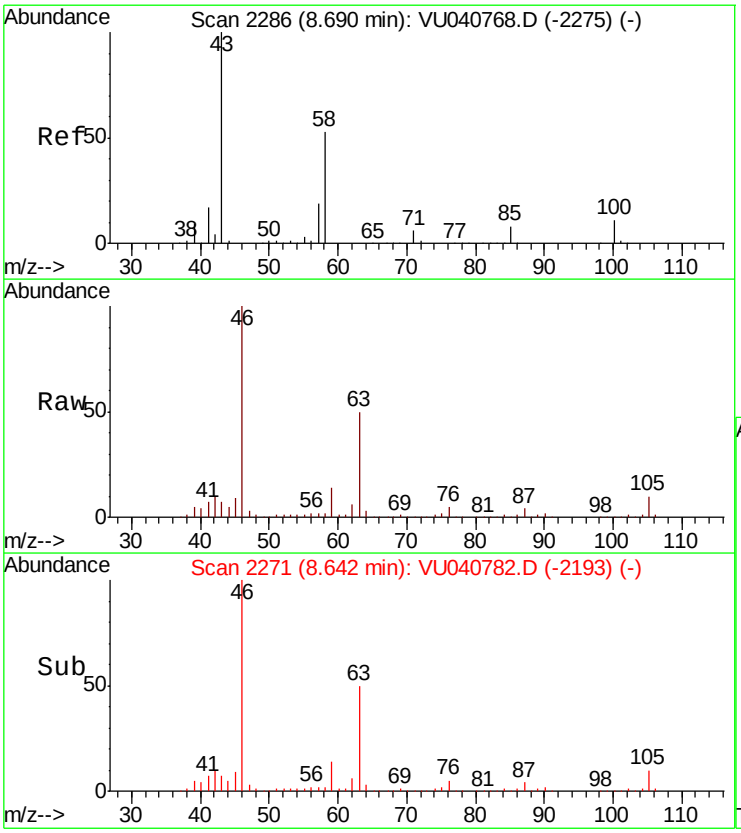
#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 919

Ion	Ratio	Lower	Upper
75	100		
77	49.2	20.4	38.0#

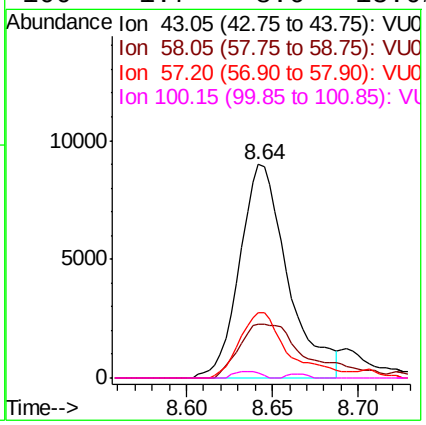


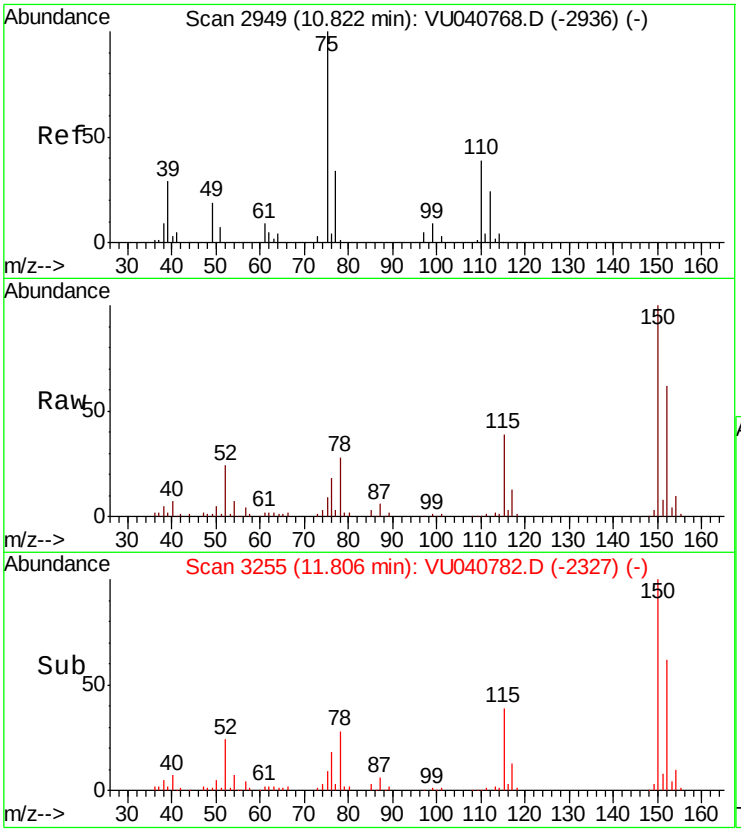


#48
2-Hexanone
Concen: 2.683 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Tgt Ion: 43 Resp: 17481

Ion	Ratio	Lower	Upper
43	100		
58	35.6	41.0	61.6#
57	31.2	14.4	21.6#
100	1.7	8.6	13.0#





#59
1,2,3-Trichloropropane
Concen: 0.837 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040782.D
Acq: 17 Oct 2020 23:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6746

Ion	Ratio	Lower	Upper
75	100		
77	39.7	26.4	39.6#