Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092920\
Data File : VU040374.D
Acq On : 29 Sep 2020 21:38
Operator : SY/MD
Sample : L4186-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0E2

Quant Time: Sep 30 02:56:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57444	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27922	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.92	69	27225	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.58	63	46474	2.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	4.65	46	160107	49.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.70%			
24) Chloroform-d	5.08	84	73229	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.72	65	44740	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.75	84	127885	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.70	67	46540	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.91	98	99125	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	8.18	79	17111	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.64	63	113208	48.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.24%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44167	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45626	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	1622	0.128	ug/L #	71
13) Acetone	2.66	43	5744	2.146	ug/L	85
14) Carbon disulfide	2.81	76	1707	0.054	ug/L #	93
18) trans-1,2-Dichloroethene	3.38	96	1727	0.168	ug/L	80
22) cis-1,2-Dichloroethene	4.69	96	126386	11.108	ug/L	98
25) Chloroform	5.11	83	2225	0.103	ug/L	79
27) 1,2-Dichloroethane	5.75	62	707	0.047	ug/L #	74
35) Methylcyclohexane	6.70	83	11043	0.641	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5780	0.469	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	814	0.053	ug/L #	77
48) 2-Hexanone	8.64	43	15045	2.117	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	8173	0.916	ug/L #	88

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

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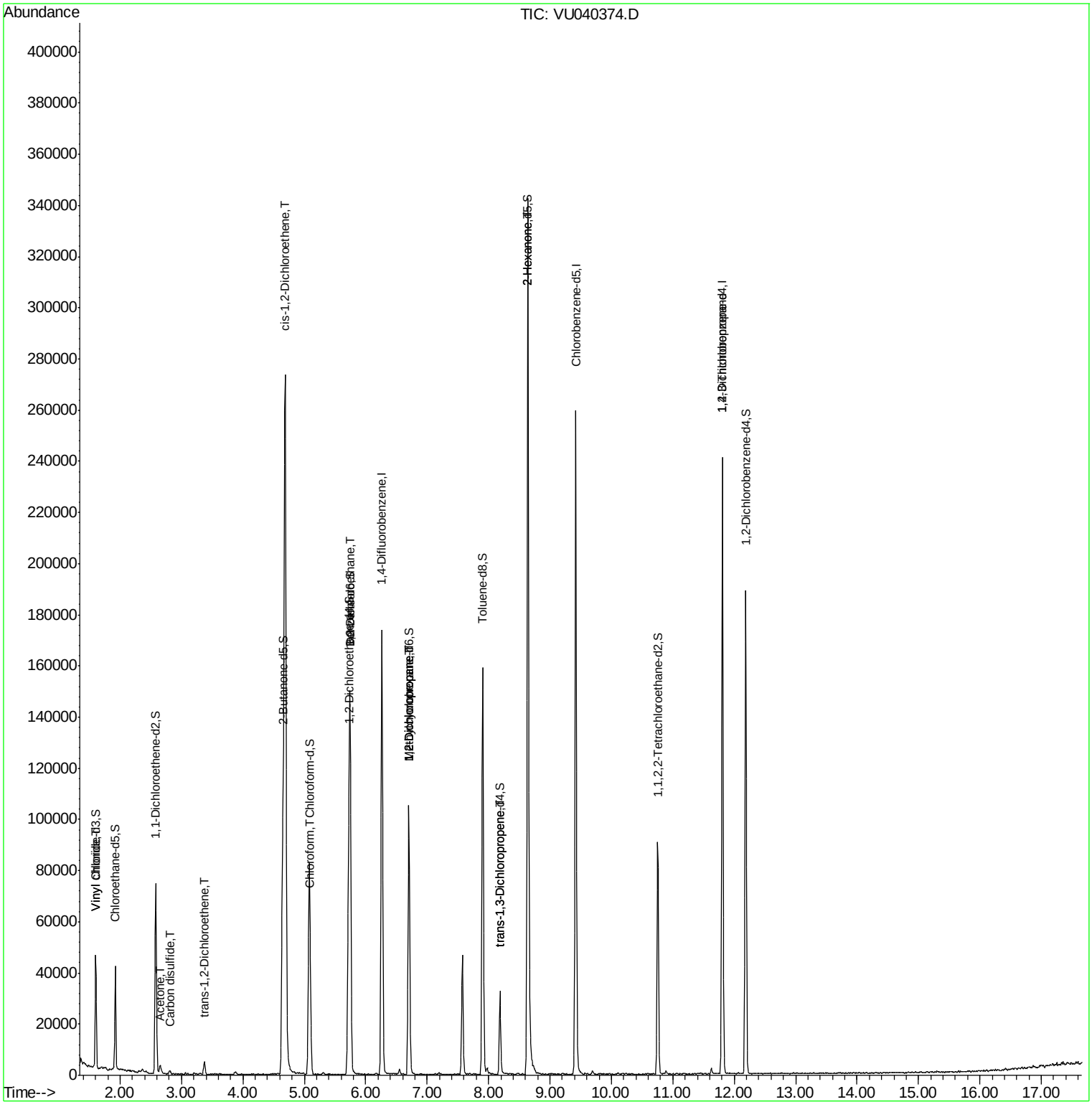
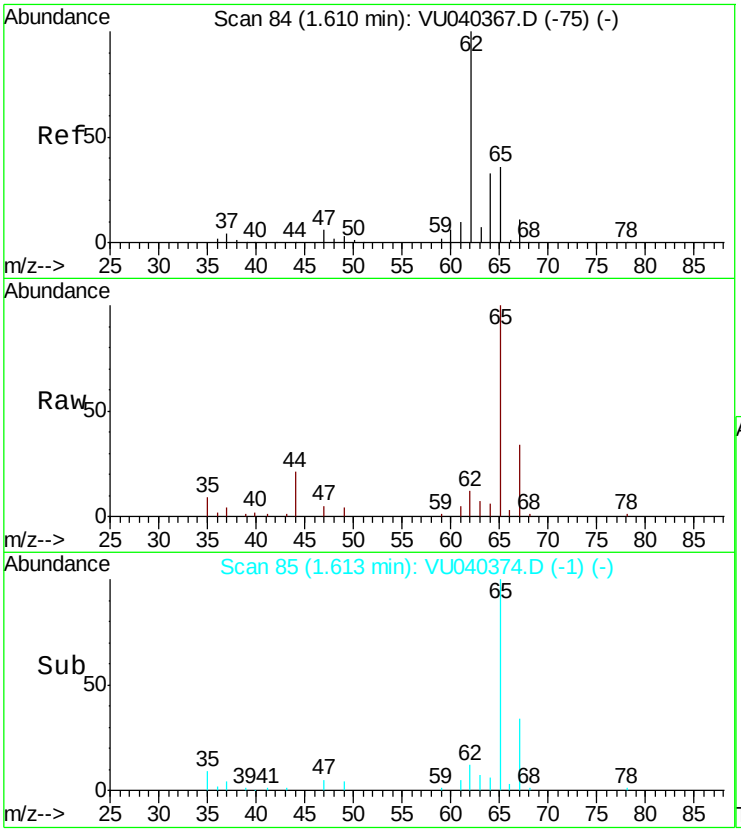
Instrument :
MSVOA_U
ClientSampleId :
BG0E2

Quant Time: Sep 30 02:56:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration



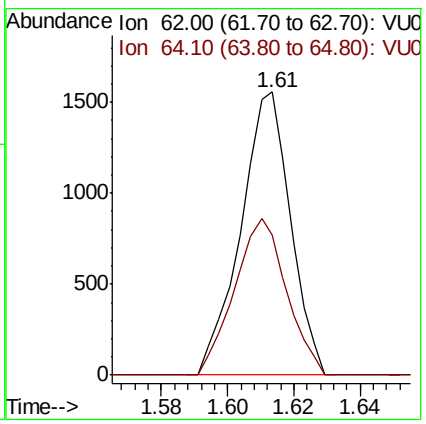


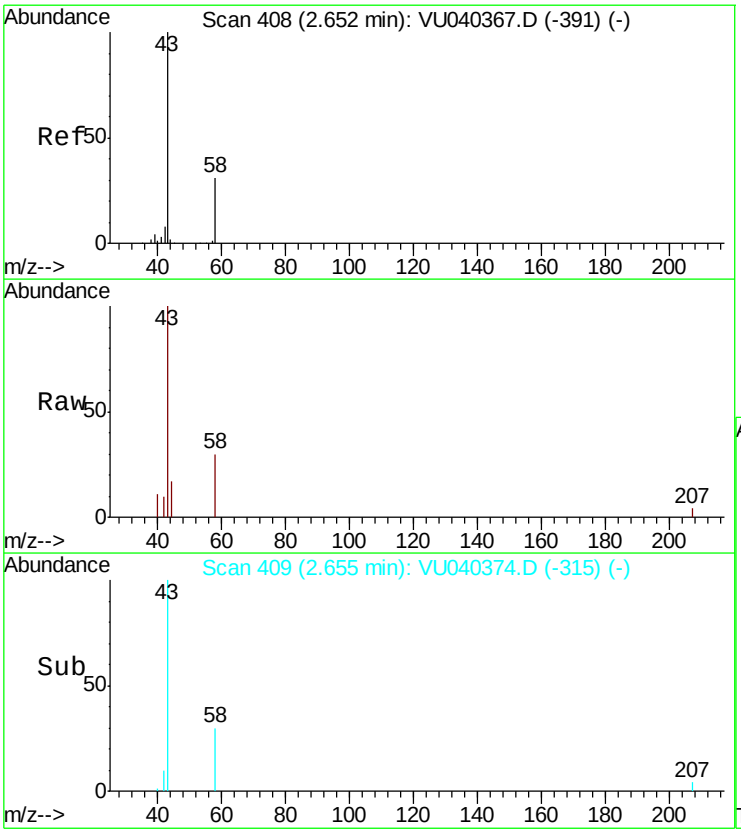
#5
Vinyl chloride
Concen: 0.128 ug/L
RT: 1.61 min Scan# 85
Delta R.T. 0.00 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Instrument :
MSVOA_U
ClientSampleId :
BG0E2

Tgt Ion: 62 Resp: 1622

Ion	Ratio	Lower	Upper
62	100		
64	49.3	23.0	42.8#

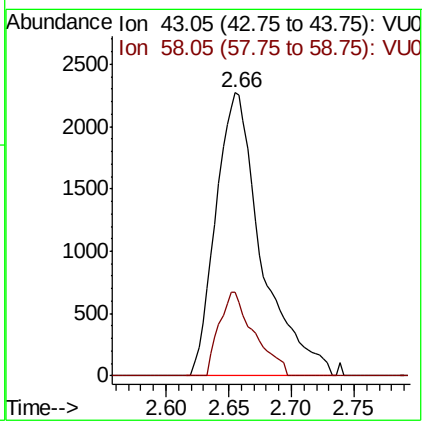


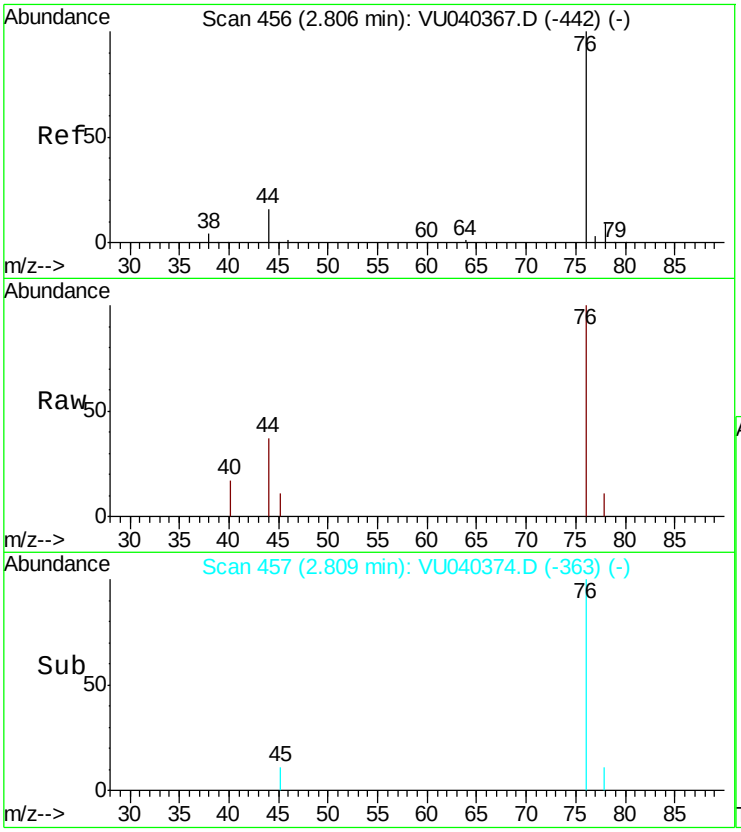


#13
Acetone
Concen: 2.146 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 43 Resp: 5744

Ion	Ratio	Lower	Upper
43	100		
58	22.8	0.0	61.8



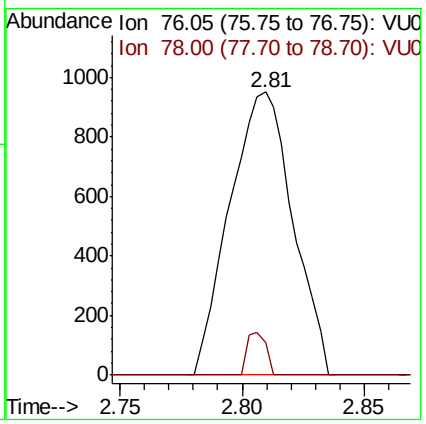


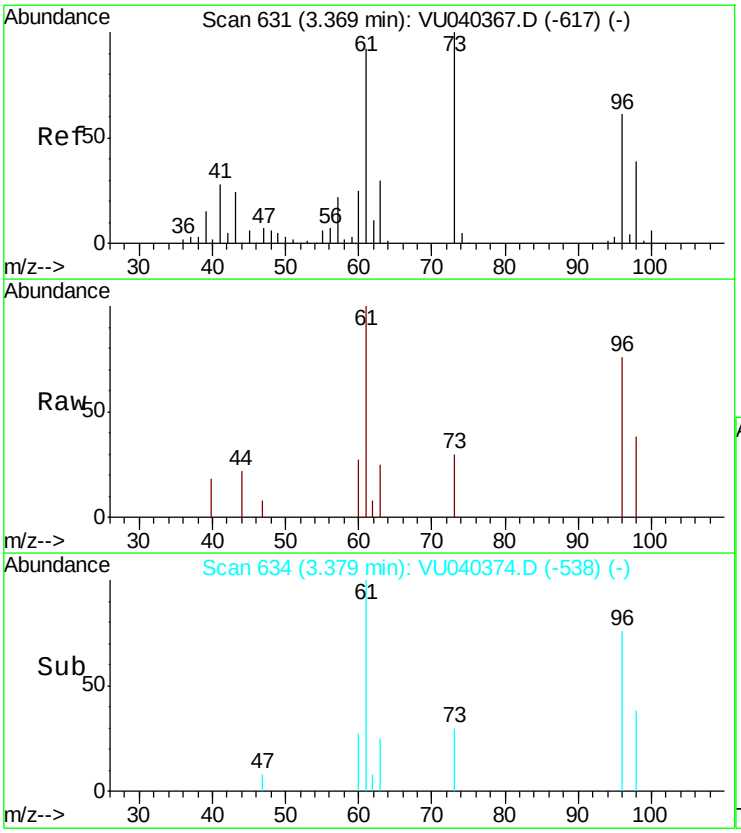
#14
Carbon disulfide
Concen: 0.054 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Instrument :
MSVOA_U
ClientSampleId :
BG0E2

Tgt Ion: 76 Resp: 1707

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.2	10.8#

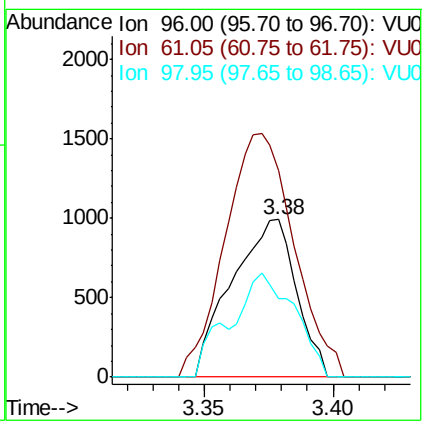


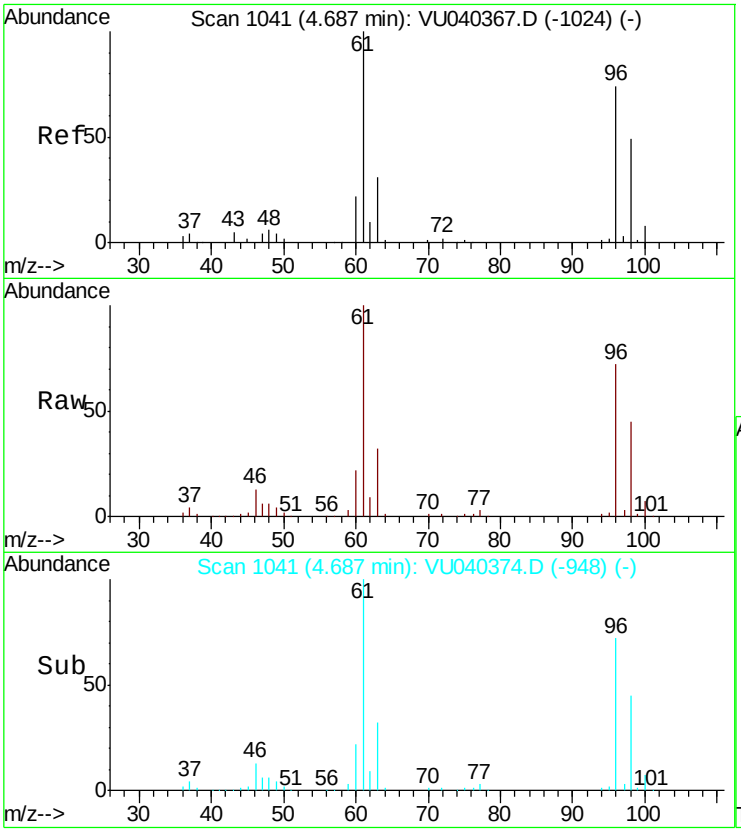


#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 96 Resp: 1727

Ion	Ratio	Lower	Upper
96	100		
61	131.0	109.3	203.1
98	49.5	45.8	85.0



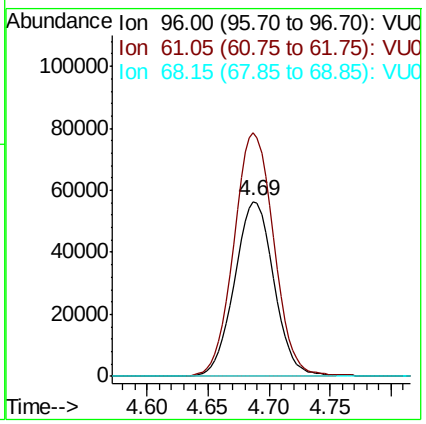


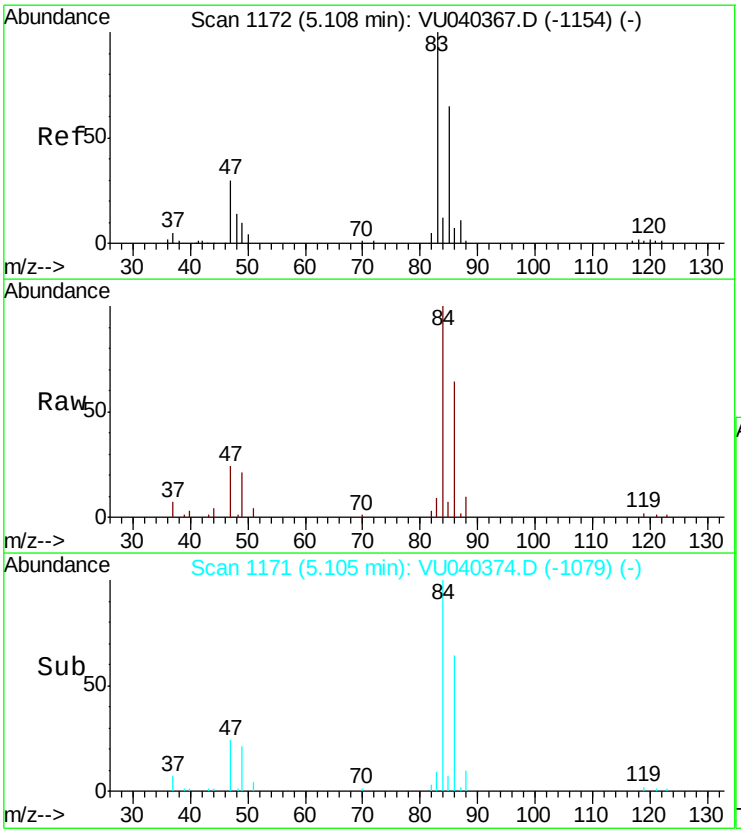
#22
cis-1,2-Dichloroethene
Concen: 11.108 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Instrument :
MSVOA_U
ClientSampleId :
BG0E2

Tgt Ion: 96 Resp: 126386

Ion	Ratio	Lower	Upper
96	100		
61	139.1	99.3	184.5
68	0.0	0.0	0.0

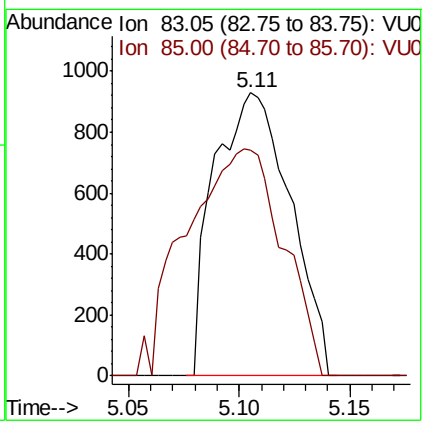


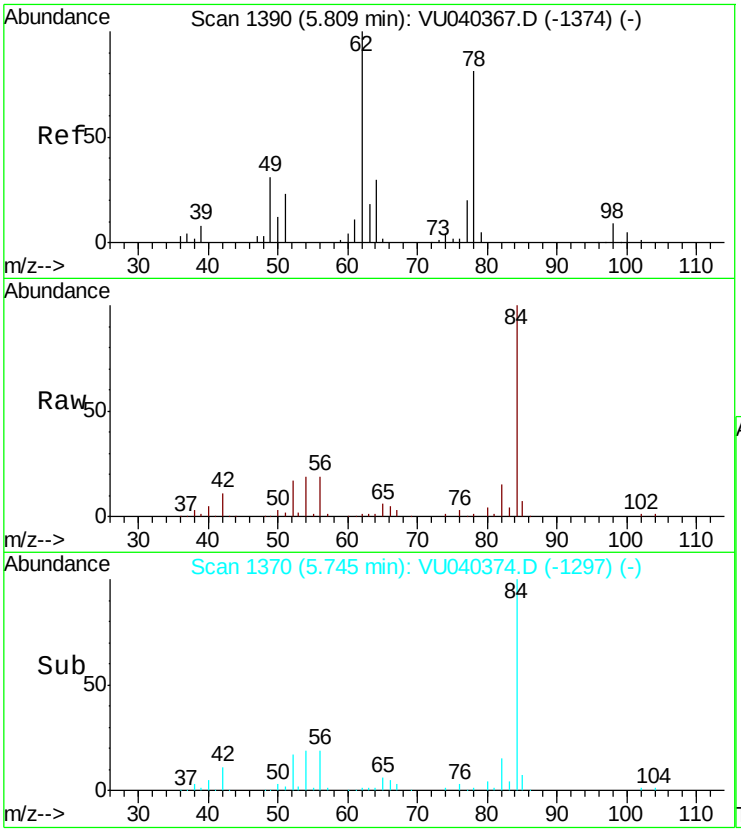


#25
Chloroform
Concen: 0.103 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 83 Resp: 2225

Ion	Ratio	Lower	Upper
83	100		
85	79.9	44.6	82.8



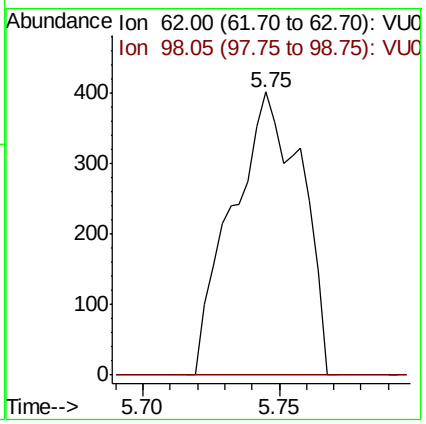


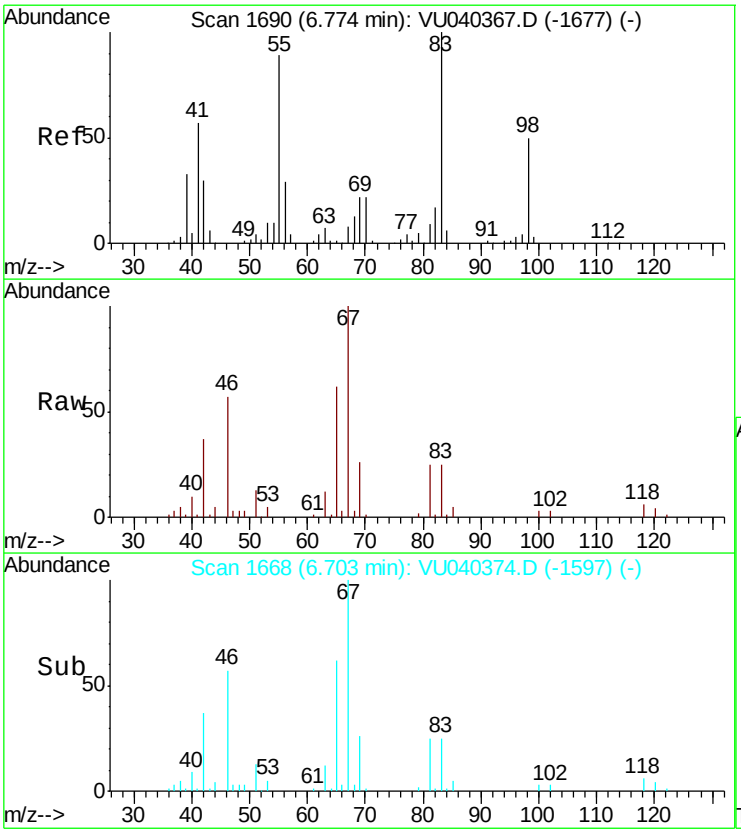
#27
1,2-Dichloroethane
Concen: 0.047 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Instrument : MSVOA_U
ClientSampleId : BG0E2

Tgt Ion: 62 Resp: 707

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

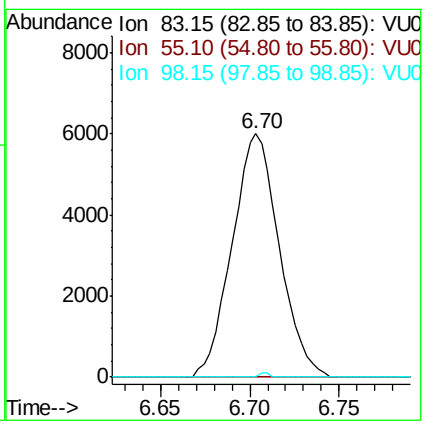


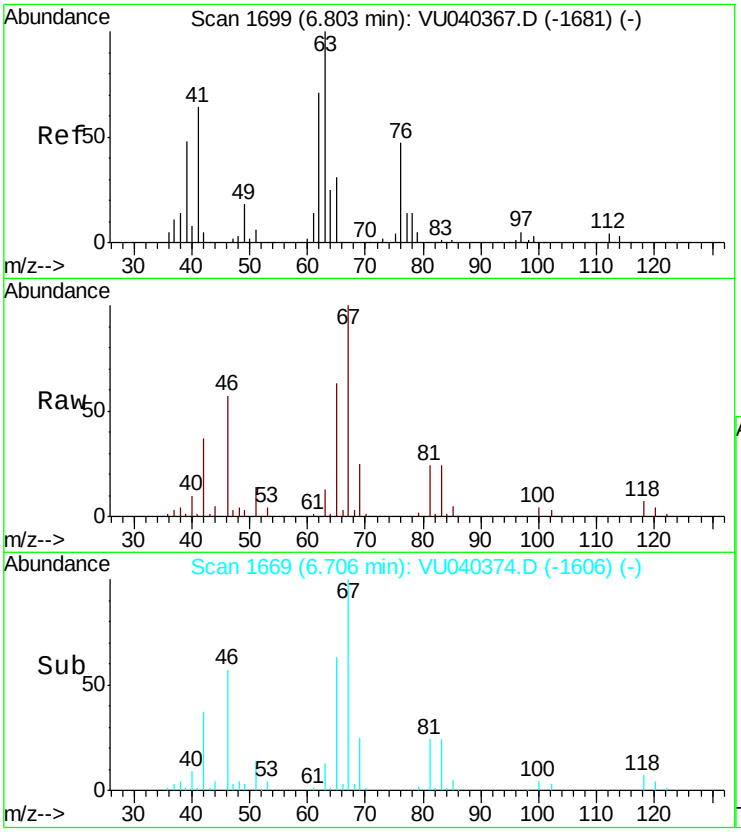


#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 83 Resp: 11043

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



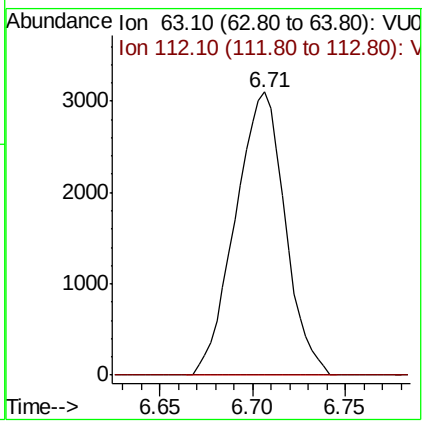


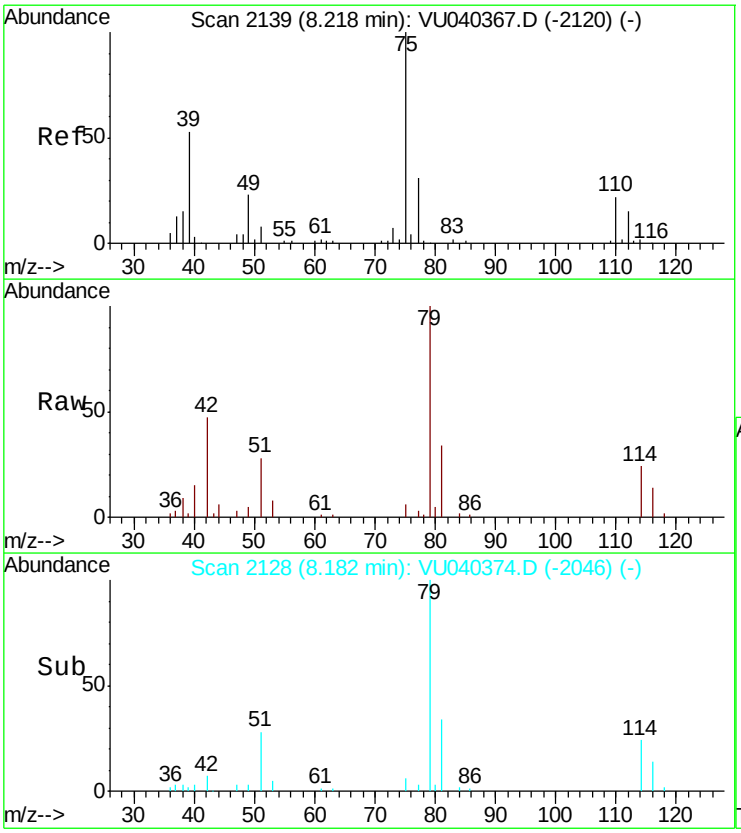
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Instrument : MSVOA_U
ClientSampleId : BG0E2

Tgt Ion: 63 Resp: 5780

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

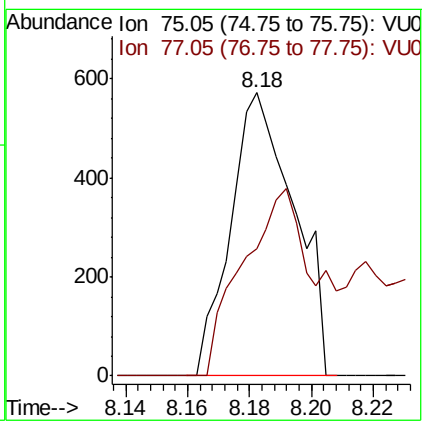


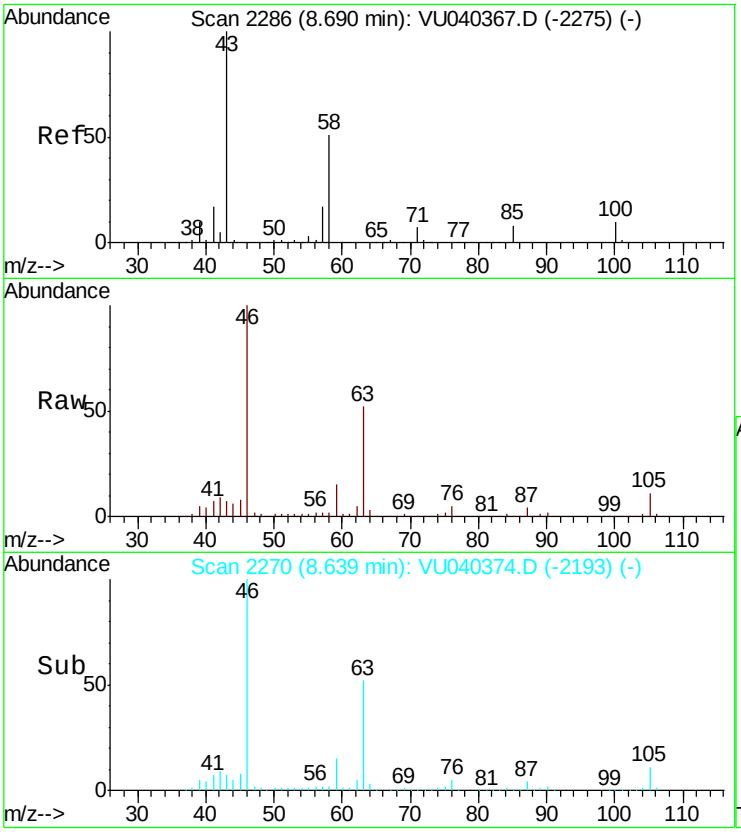


#44
trans-1,3-Dichloropropene
Concen: 0.053 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.04 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 75 Resp: 814

Ion	Ratio	Lower	Upper
75	100		
77	44.8	22.3	41.3#



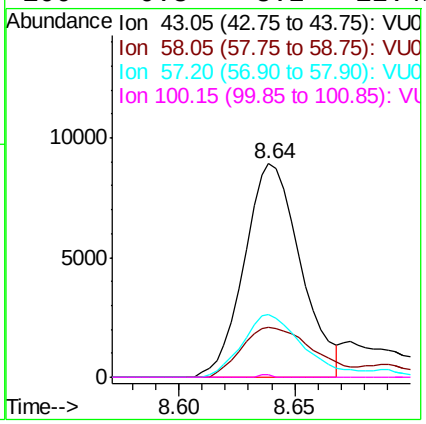


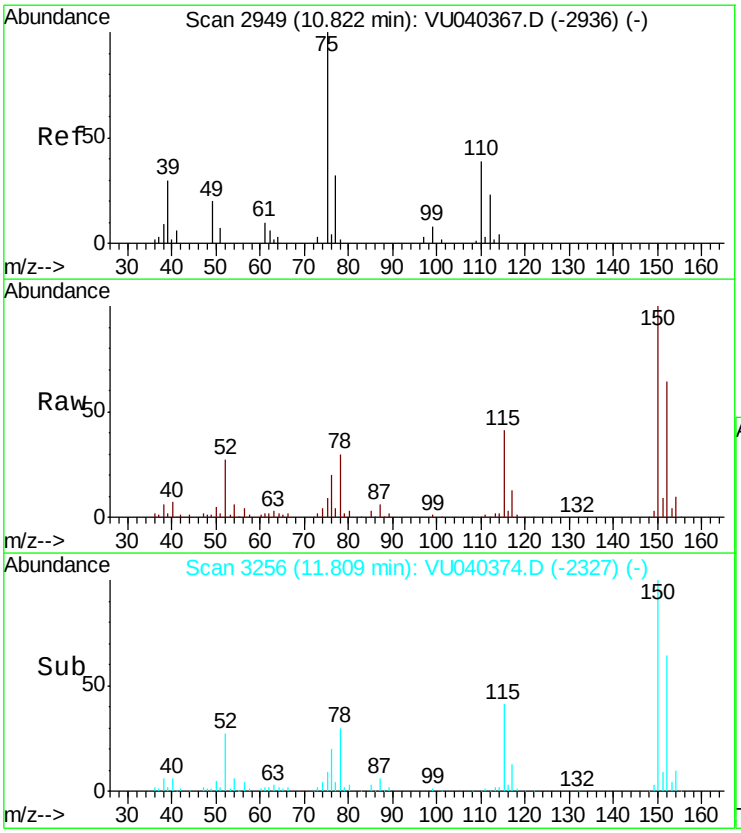
#48
2-Hexanone
Concen: 2.117 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Instrument : MSVOA_U
ClientSampleId : BG0E2

Tgt Ion: 43 Resp: 15045

Ion	Ratio	Lower	Upper
43	100		
58	29.5	41.0	61.4#
57	32.0	14.6	22.0#
100	0.3	8.2	12.4#





#59
1,2,3-Trichloropropane
Concen: 0.916 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040374.D
Acq: 29 Sep 2020 21:38

Tgt Ion: 75 Resp: 8173

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.7	38.5#