Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092920\
Data File : VU040385.D
Acq On : 30 Sep 2020 01:54
Operator : SY/MD
Sample : L4186-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0G7

Quant Time: Sep 30 02:58:20 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	126287	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55264	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28666	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.92	69	28404	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.80%			
11) 1,1-Dichloroethene-d2	2.58	63	46017	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.65	46	161939	52.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.28%			
24) Chloroform-d	5.08	84	74288	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.72	65	46015	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.74	84	127427	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.70	67	48081	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.91	98	99215	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	8.19	79	16695	4.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.40%			
46) 2-Hexanone-d5	8.64	63	110330	49.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.20%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46564	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46250	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	3243	0.266	ug/L #	76
8) Chloroethane	1.89	64	2144	0.296	ug/L #	57
17) Methyl tert-butyl Ether	3.39	73	22883	0.864	ug/L #	86
22) cis-1,2-Dichloroethene	4.69	96	151558	13.776	ug/L	99
25) Chloroform	5.11	83	1801	0.087	ug/L	100
27) 1,2-Dichloroethane	5.74	62	940	0.065	ug/L #	74
35) Methylcyclohexane	6.70	83	11257	0.677	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5152	0.433	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1264	0.079	ug/L #	68
44) trans-1,3-Dichloropropene	8.19	75	915	0.062	ug/L #	76
48) 2-Hexanone	8.64	43	15895	2.318	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7809	0.907	ug/L	89

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

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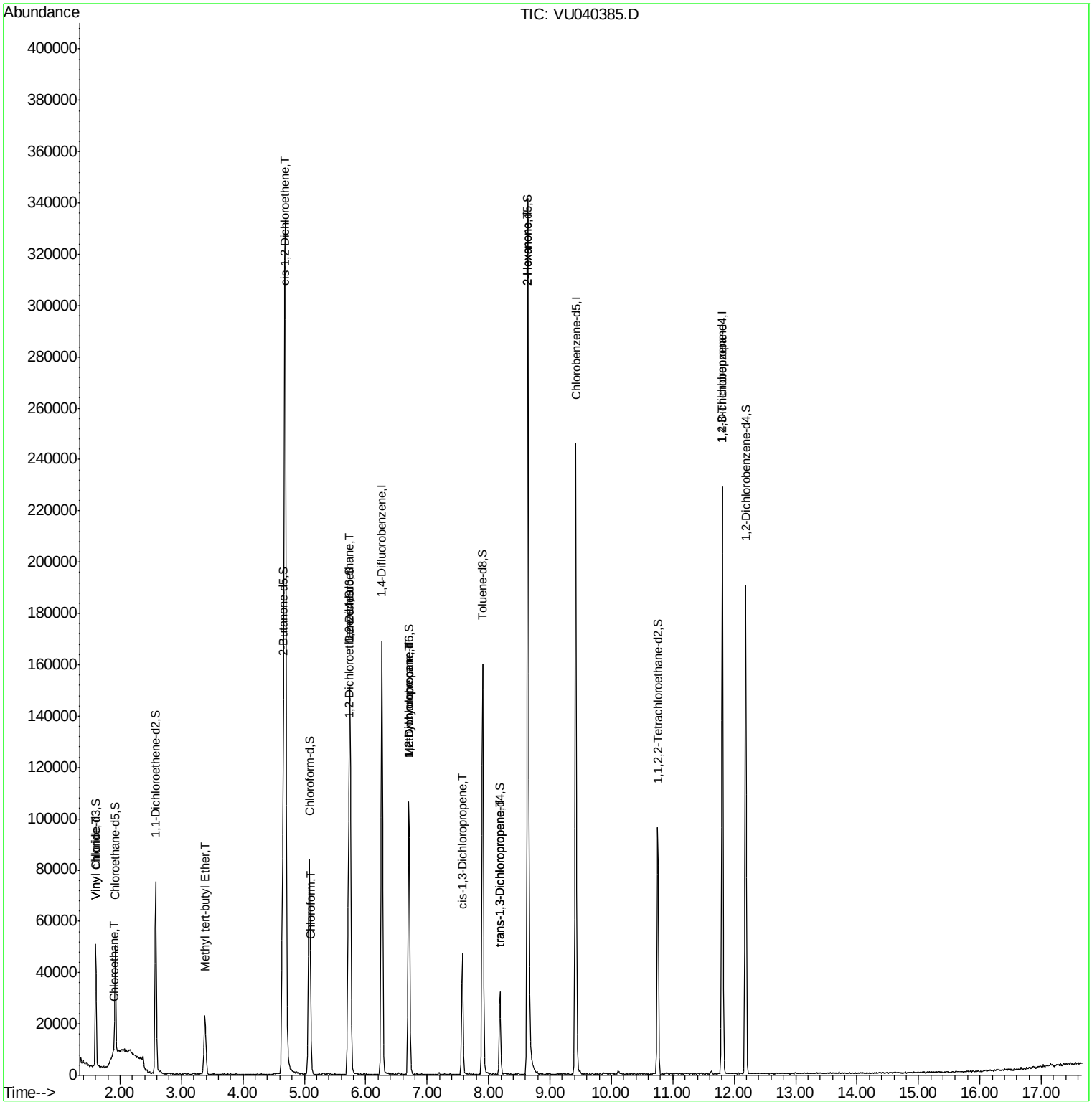
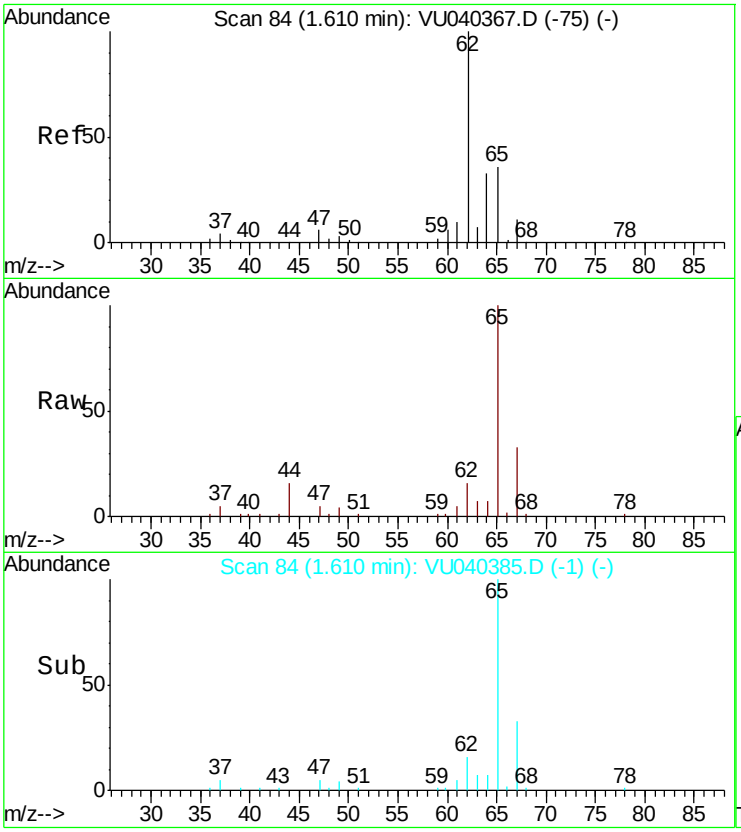
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0G7

Quant Time: Sep 30 02:58:20 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



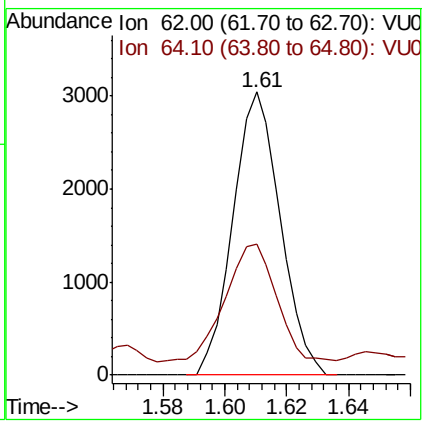


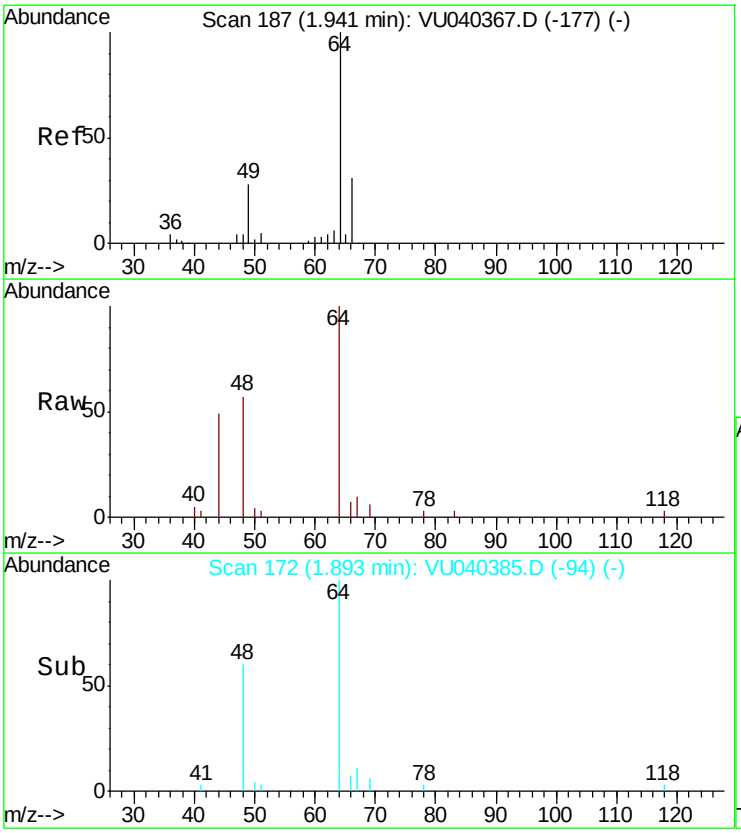
#5
Vinyl chloride
Concen: 0.266 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Instrument :
MSVOA_U
ClientSampleId :
BG0G7

Tgt Ion: 62 Resp: 3243

Ion	Ratio	Lower	Upper
62	100		
64	46.5	23.0	42.8#

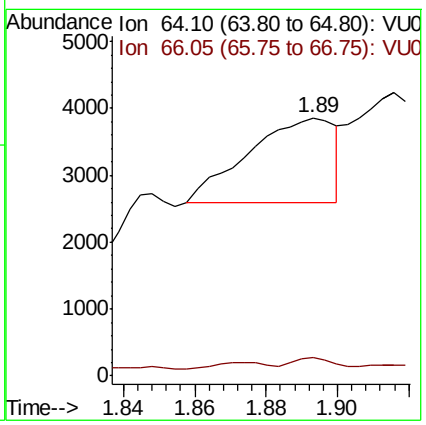


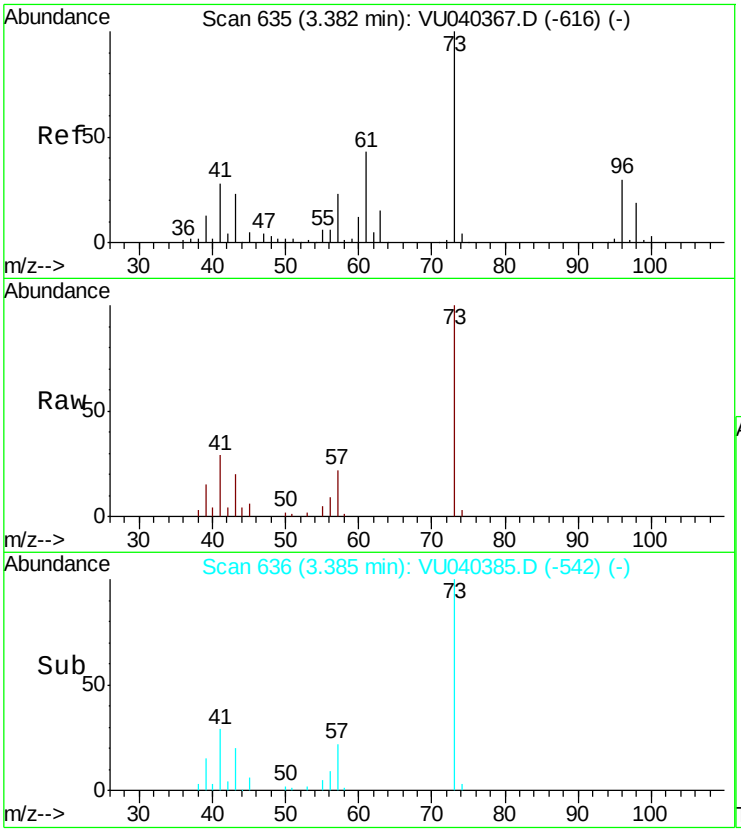


#8
Chloroethane
Concen: 0.296 ug/L
RT: 1.89 min Scan# 172
Delta R.T. -0.05 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Tgt Ion: 64 Resp: 2144

Ion	Ratio	Lower	Upper
64	100		
66	7.0	21.3	39.6#



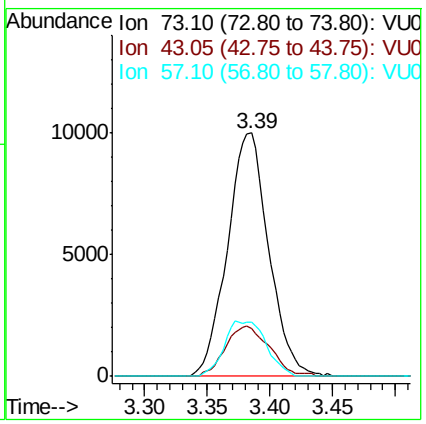


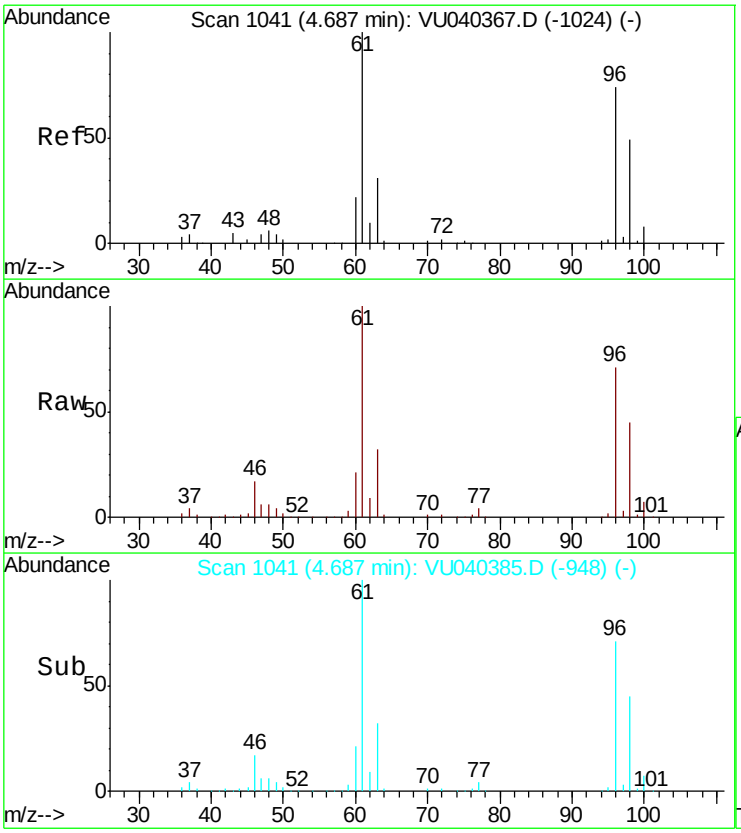
#17
Methyl tert-butyl Ether
Concen: 0.864 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Instrument : MSVOA_U
ClientSampleId : BG0G7

Tgt Ion: 73 Resp: 22883

Ion	Ratio	Lower	Upper
73	100		
43	21.9	19.0	28.4
57	11.3	18.9	28.3#

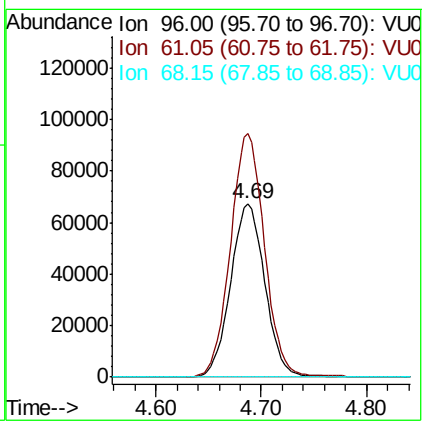


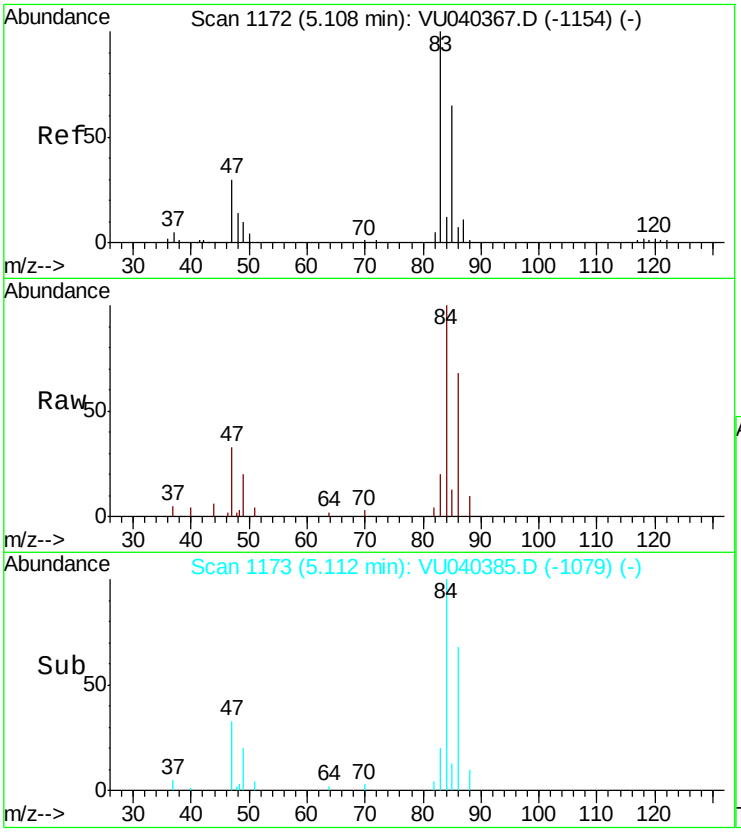


#22
cis-1,2-Dichloroethene
Concen: 13.776 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Tgt Ion: 96 Resp: 151558

Ion	Ratio	Lower	Upper
96	100		
61	140.5	99.3	184.5
68	0.0	0.0	0.0



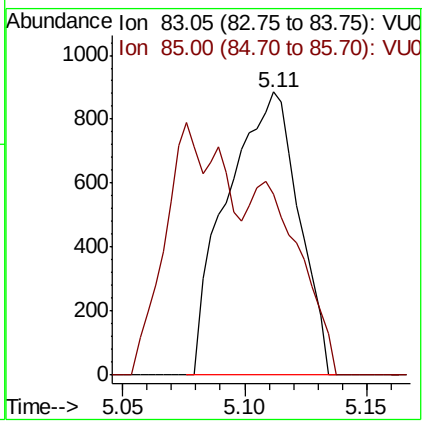


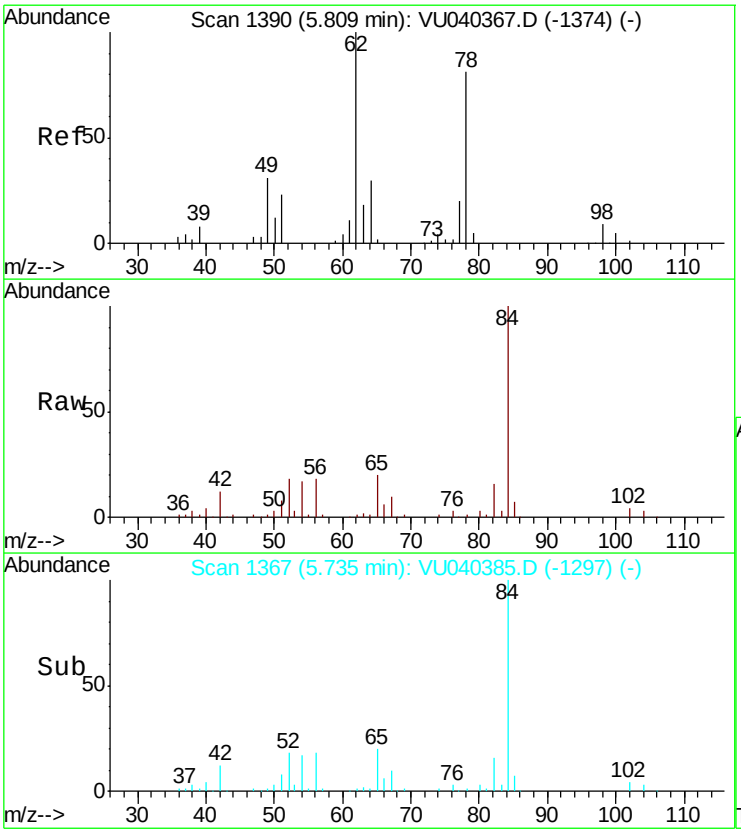
#25
Chloroform
Concen: 0.087 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Instrument :
MSVOA_U
ClientSampleId :
BG0G7

Tgt Ion: 83 Resp: 1801

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.6	82.8

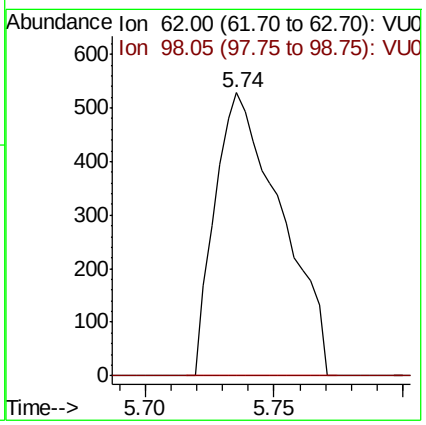


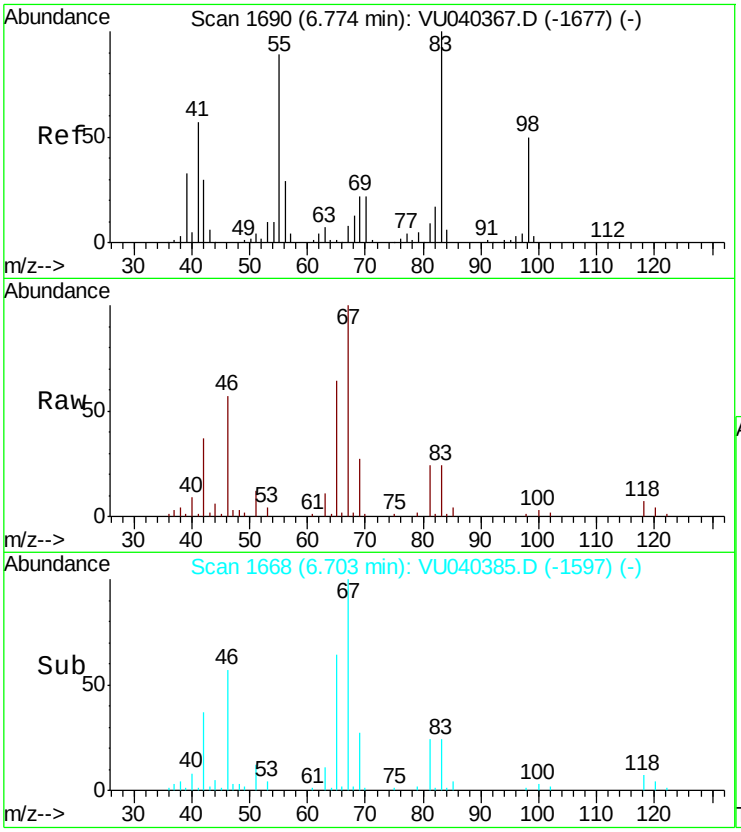


#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Tgt Ion: 62 Resp: 940

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



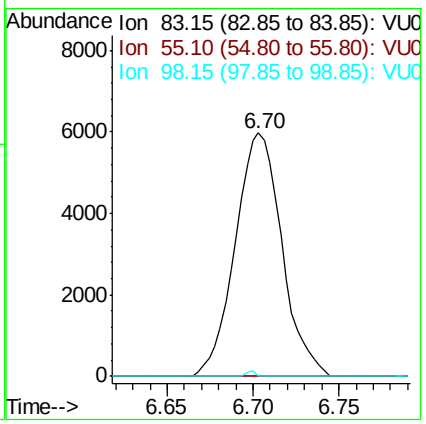


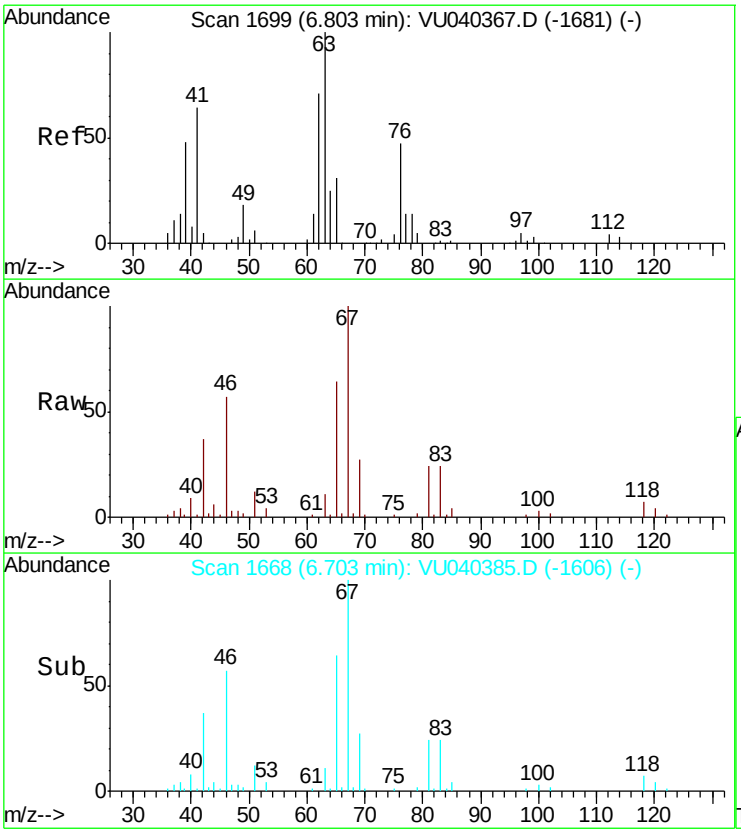
#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Instrument : MSVOA_U
ClientSampleId : BG0G7

Tgt Ion: 83 Resp: 11257

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

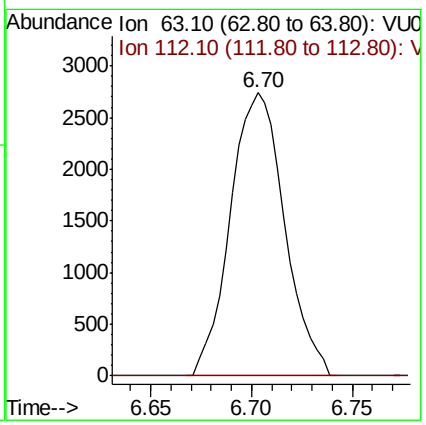


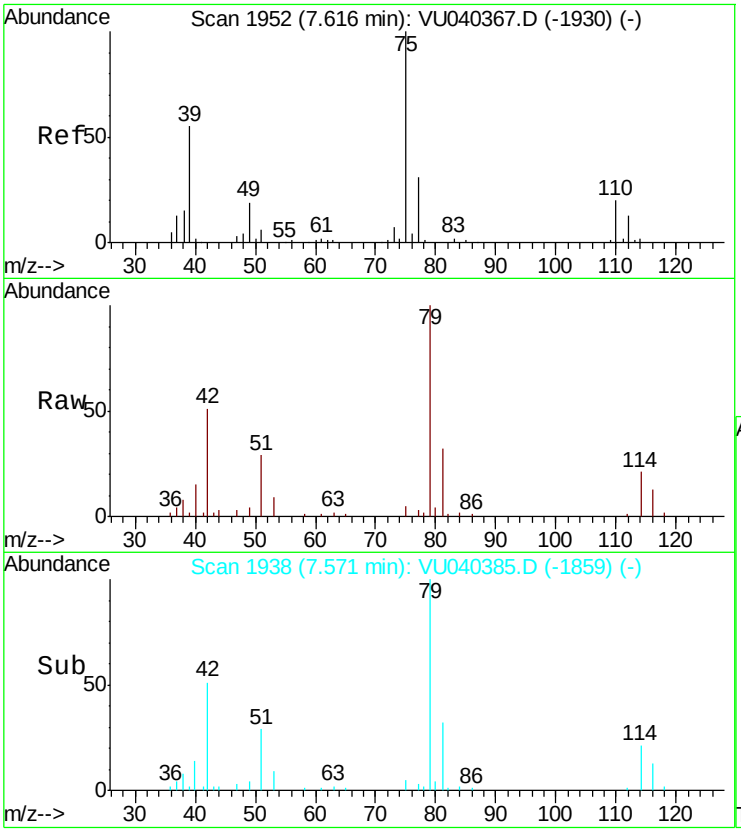


#37
1,2-Dichloropropane
Concen: 0.433 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Tgt Ion: 63 Resp: 5152

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



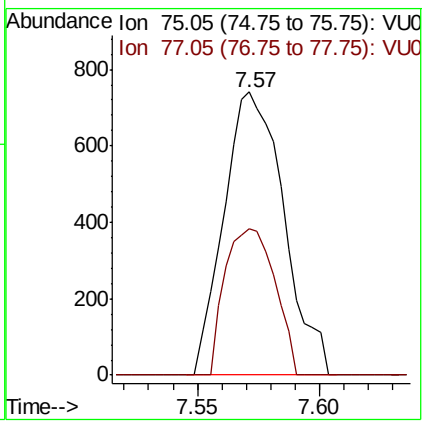


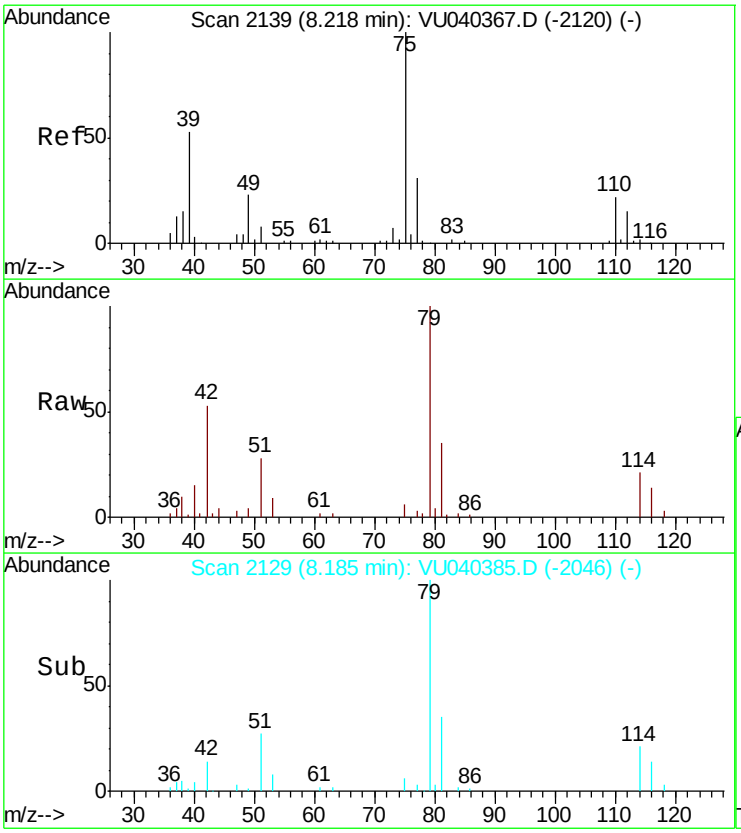
#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.05 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Instrument :
MSVOA_U
ClientSampleId :
BG0G7

Tgt Ion: 75 Resp: 1264

Ion	Ratio	Lower	Upper
75	100		
77	51.8	23.5	43.7#

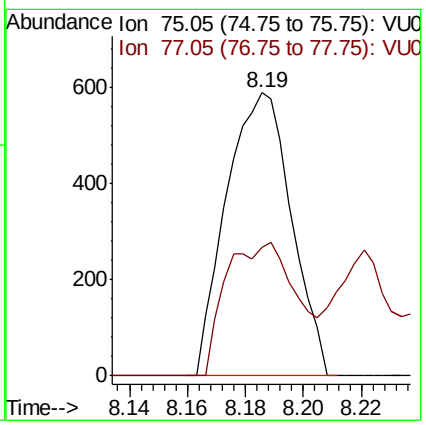


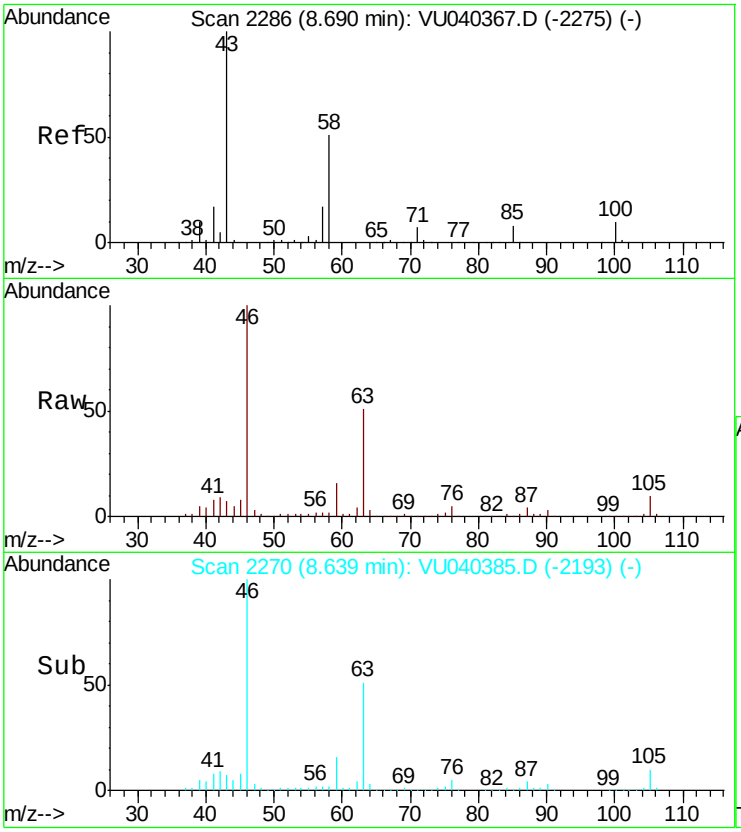


#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Tgt Ion: 75 Resp: 915

Ion	Ratio	Lower	Upper
75	100		
77	45.3	22.3	41.3#



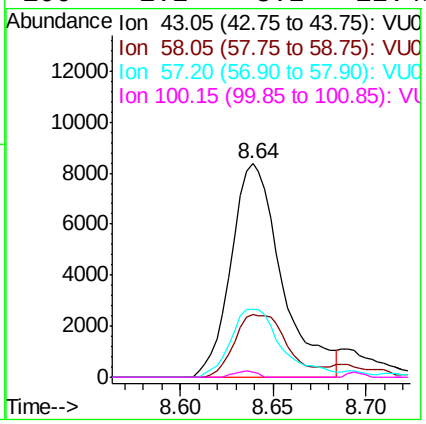


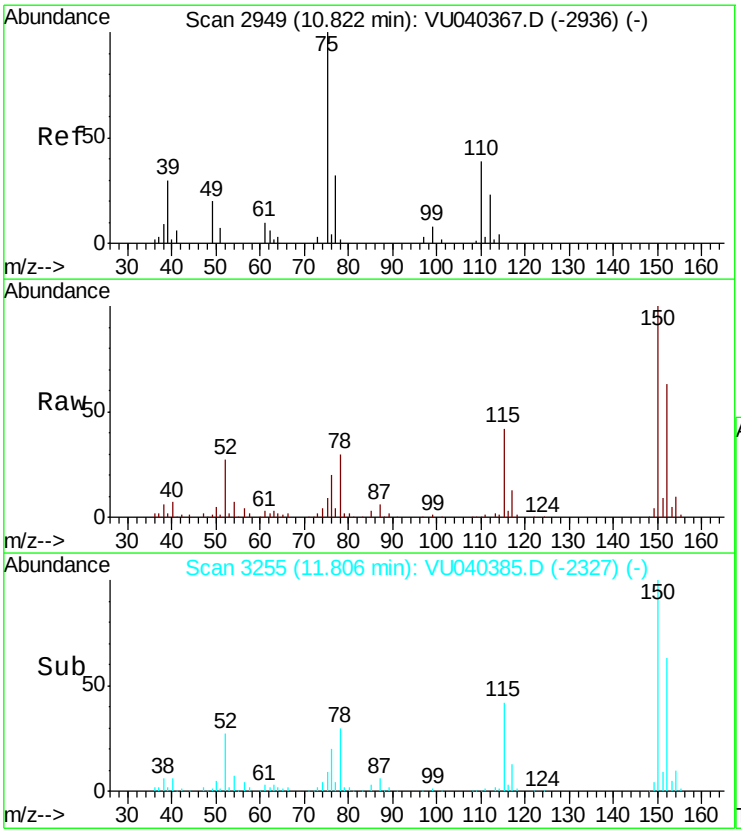
#48
2-Hexanone
Concen: 2.318 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Instrument : MSVOA_U
ClientSampleId : BG0G7

Tgt Ion: 43 Resp: 15895

Ion	Ratio	Lower	Upper
43	100		
58	30.6	41.0	61.4#
57	32.3	14.6	22.0#
100	1.2	8.2	12.4#





#59
1,2,3-Trichloropropane
Concen: 0.907 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040385.D
Acq: 30 Sep 2020 01:54

Tgt Ion: 75 Resp: 7809

Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.7	38.5