Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041152.D
Acq On : 09 Nov 2020 19:37
Operator : SY/MD
Sample : L4646-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W3

Quant Time: Nov 10 01:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30578	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	18355	3.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.60%			
7) Chloroethane-d5	1.92	69	17807	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.58	63	31010	2.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.60%#			
20) 2-Butanone-d5	4.66	46	108396	57.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.86%			
24) Chloroform-d	5.08	84	47330	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	30636	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.74	84	84963	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	30259	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.91	98	70044	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	8.19	79	11765	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.64	63	75398	55.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27935	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31500	5.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.40%			
Target Compounds						Qvalue
3) Chloromethane	1.60	50	283	0.044	ug/L #	43
5) Vinyl chloride	1.61	62	979	0.154	ug/L #	57
12) 1,1-Dichloroethene	2.58	96	275	0.058	ug/L #	1
15) Methyl Acetate	3.05	43	1683	0.575	ug/L #	53
17) Methyl tert-butyl Ether	3.38	73	1911	0.155	ug/L #	70
18) trans-1,2-Dichloroethene	3.37	96	738	0.152	ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	43129	8.611	ug/L	100
25) Chloroform	5.10	83	521	0.054	ug/L	90
27) 1,2-Dichloroethane	5.81	62	8614	1.188	ug/L	97
30) Cyclohexane	5.39	56	396	0.049	ug/L #	34
33) Benzene	5.79	78	14694	0.732	ug/L	100
34) Trichloroethene	6.55	95	34099	6.677	ug/L	98
35) Methylcyclohexane	6.70	83	6966	0.914	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3680	0.678	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	721	0.096	ug/L #	43
44) trans-1,3-Dichloropropene	8.19	75	474	0.068	ug/L #	32
48) 2-Hexanone	8.64	43	10151	3.114	ug/L #	71

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041152.D
Acq On : 09 Nov 2020 19:37
Operator : SY/MD
Sample : L4646-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0W3

Quant Time: Nov 10 01:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) m,p-Xylene	9.69	106	2455	0.314	ug/L		89
56) Isopropylbenzene	10.48	105	525	0.027	ug/L	#	62
59) 1,2,3-Trichloropropane	11.81	75	3835	0.948	ug/L	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041152.D
Acq On : 09 Nov 2020 19:37
Operator : SY/MD
Sample : L4646-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
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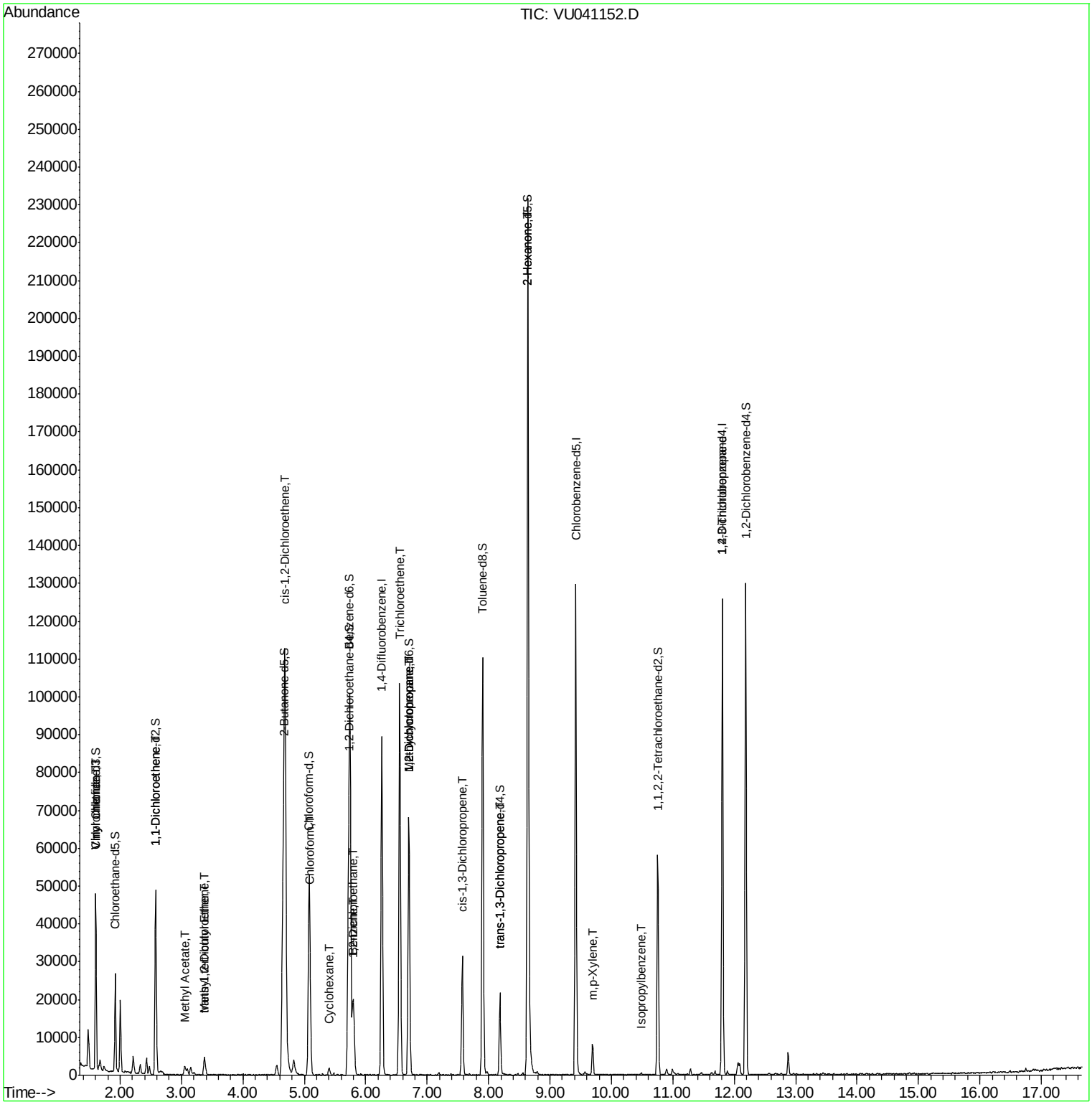
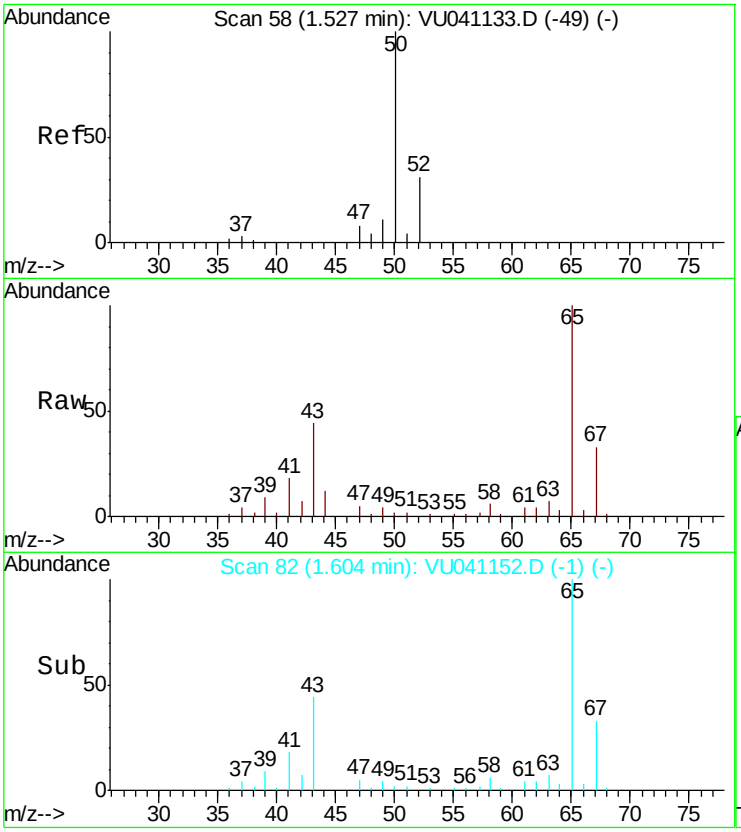
Quant Time: Nov 10 01:15:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration



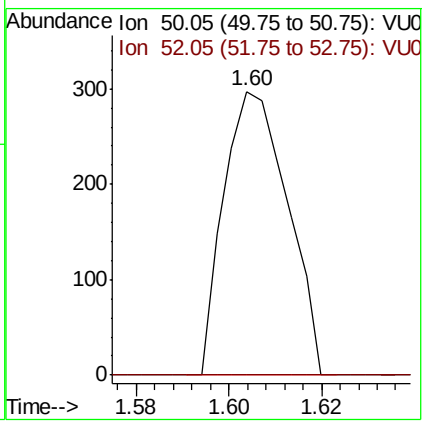


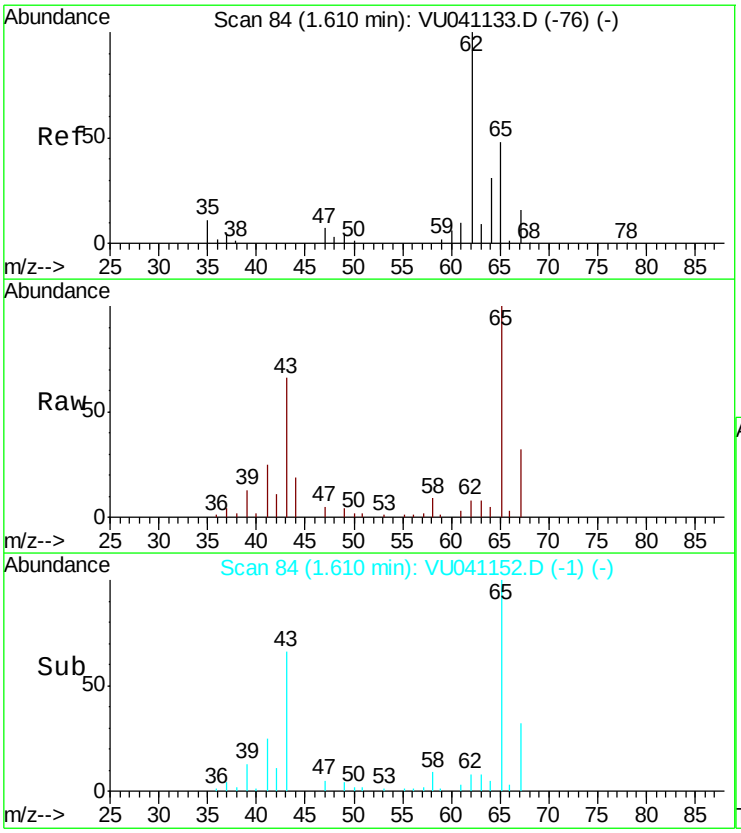
#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.60 min Scan# 82
Delta R.T. 0.08 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 50 Resp: 283

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.4	41.6#

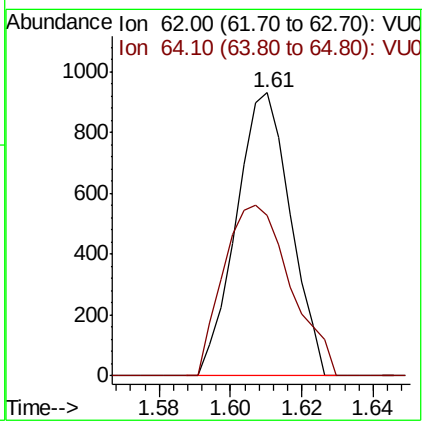


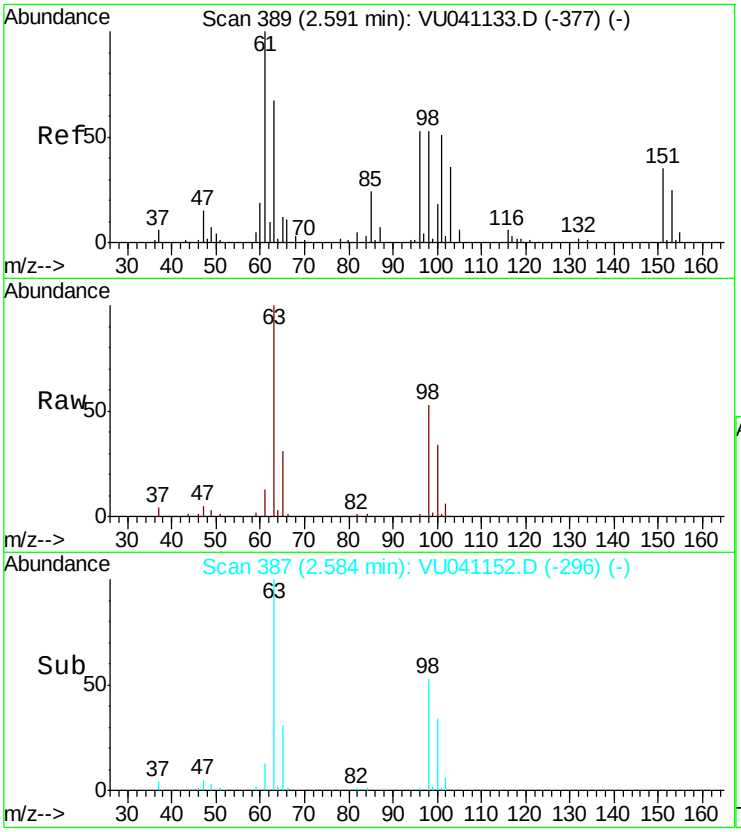


#5
Vinyl chloride
Concen: 0.154 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 62 Resp: 979

Ion	Ratio	Lower	Upper
62	100		
64	56.9	22.7	42.3#



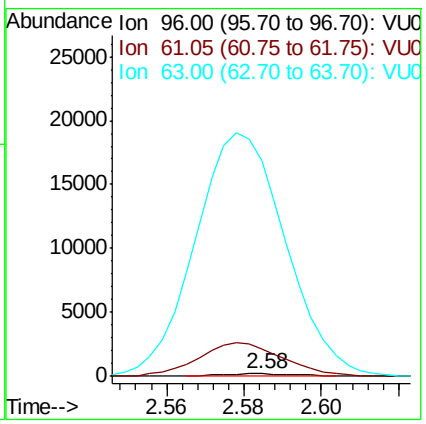


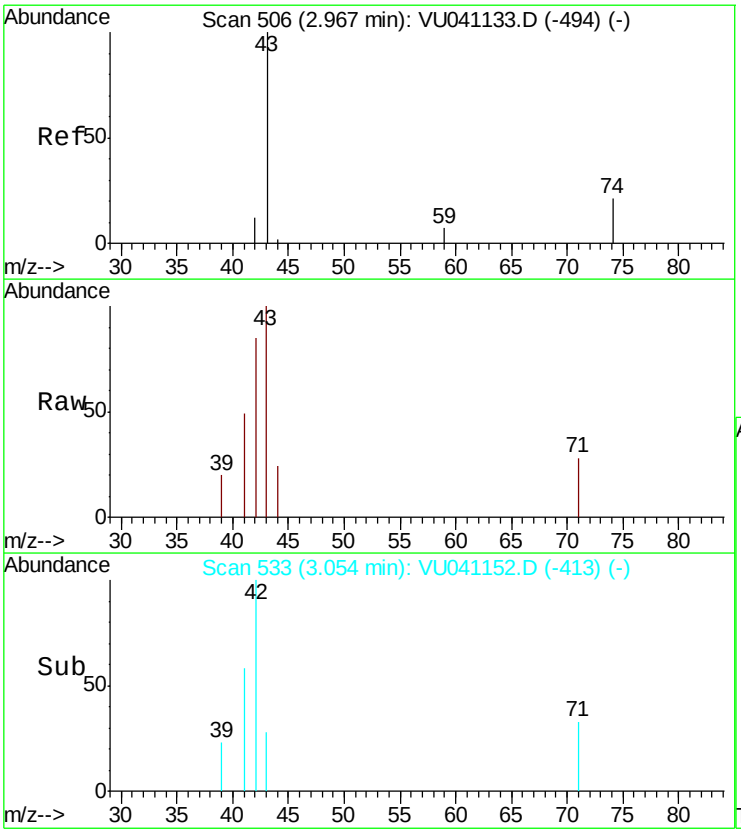
#12
1,1-Dichloroethene
Concen: 0.058 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion: 96 Resp: 275

Ion	Ratio	Lower	Upper
96	100		
61	1107.8	134.3	249.5#
63	8750.0	95.0	176.4#

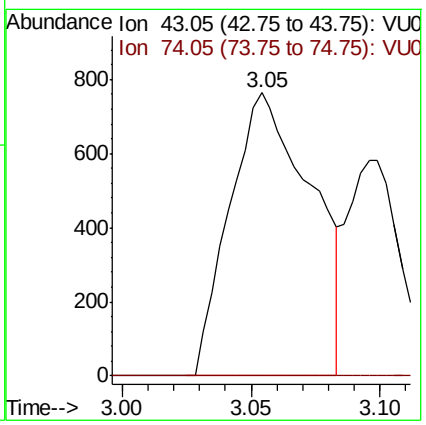


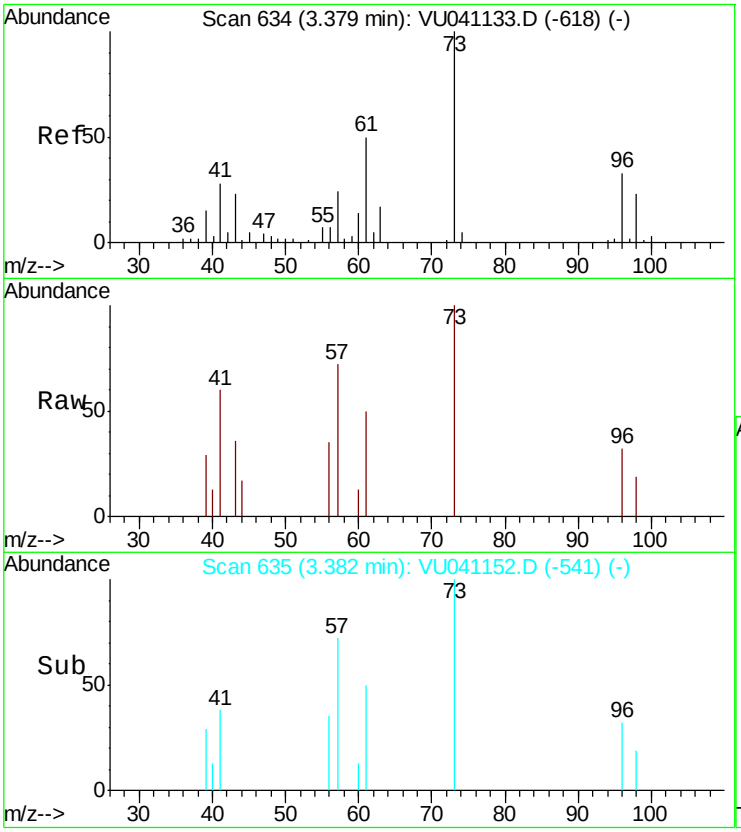


#15
Methyl Acetate
Concen: 0.575 ug/L
RT: 3.05 min Scan# 533
Delta R.T. 0.09 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 43 Resp: 1683

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#



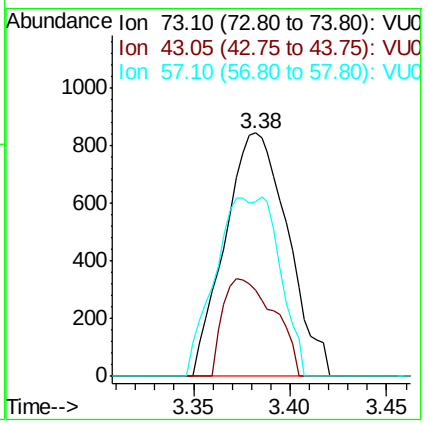


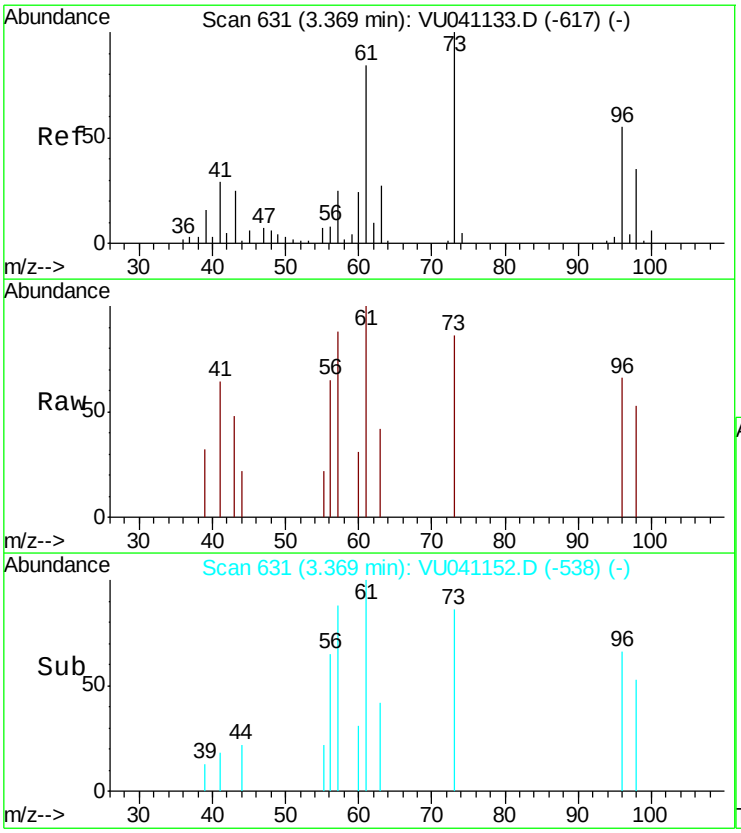
#17
Methyl tert-butyl Ether
Concen: 0.155 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion: 73 Resp: 1911

Ion	Ratio	Lower	Upper
73	100		
43	32.8	18.5	27.7#
57	42.0	18.4	27.6#

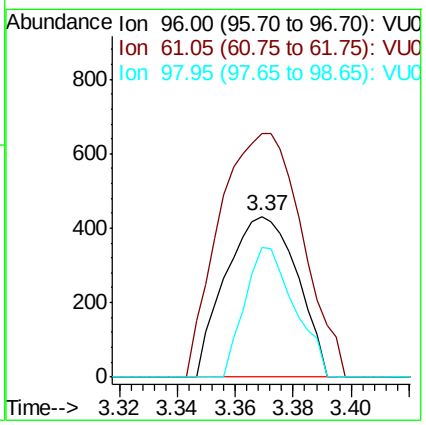


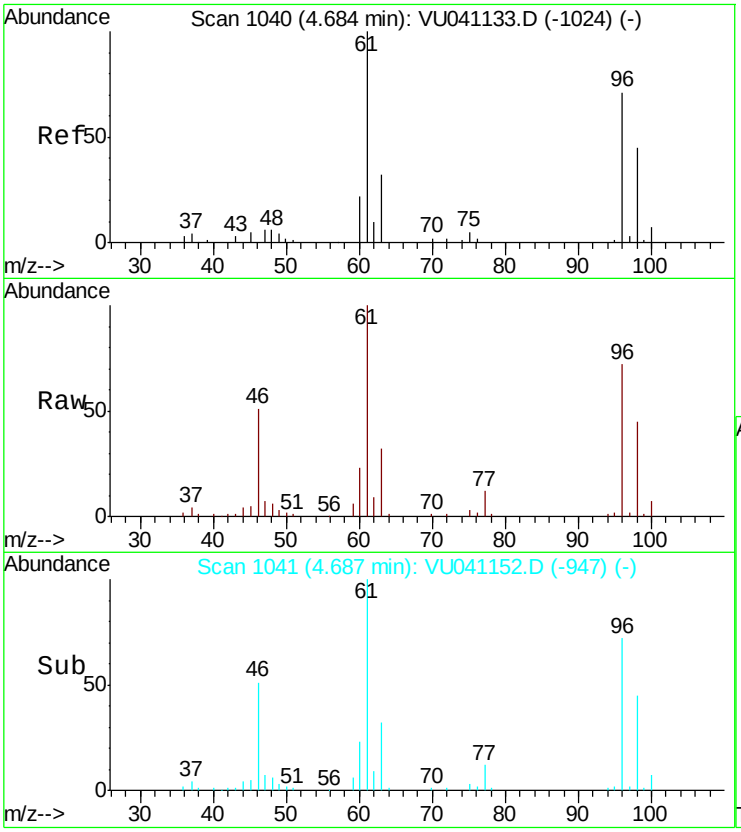


#18
trans-1,2-Dichloroethene
Concen: 0.152 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 96 Resp: 738

Ion	Ratio	Lower	Upper
96	100		
61	151.4	110.9	205.9
98	80.8	45.4	84.2



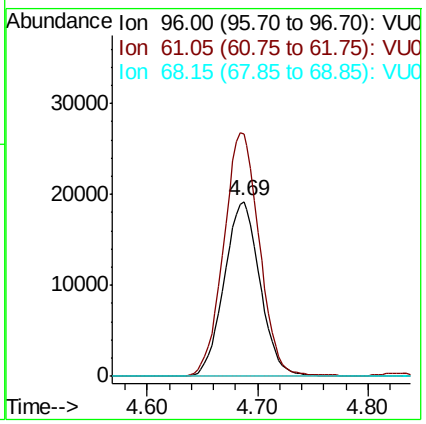


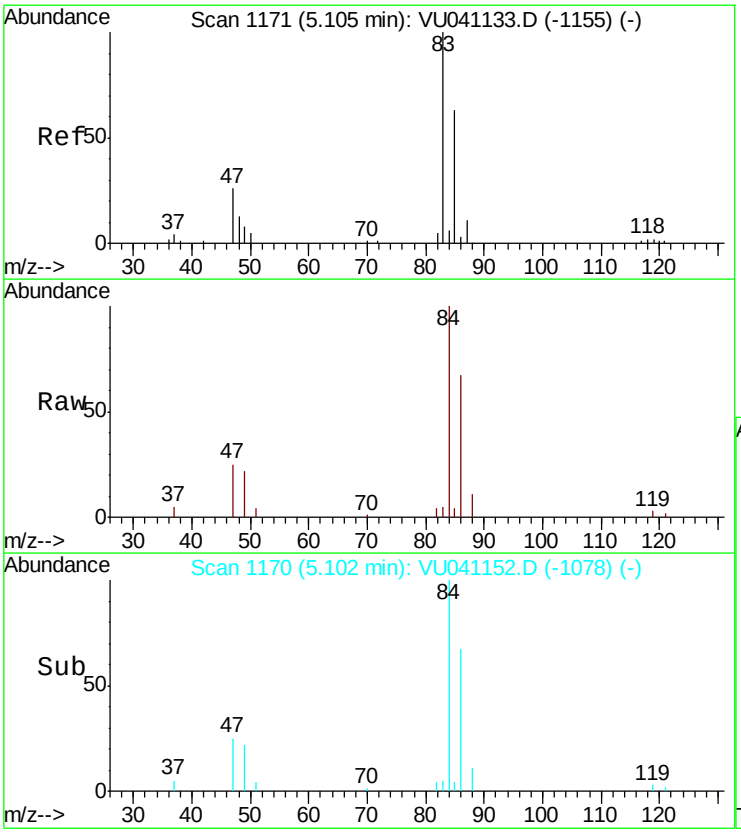
#22
cis-1,2-Dichloroethene
Concen: 8.611 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion: 96 Resp: 43129

Ion	Ratio	Lower	Upper
96	100		
61	138.3	97.2	180.4
68	0.0	0.0	0.0

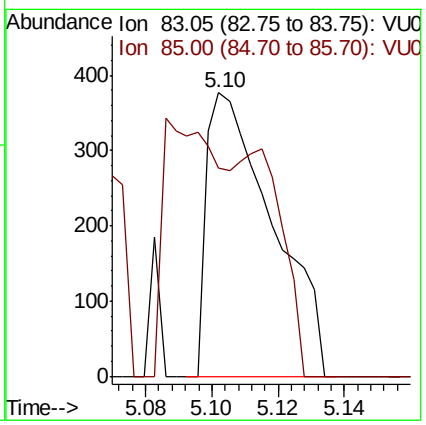


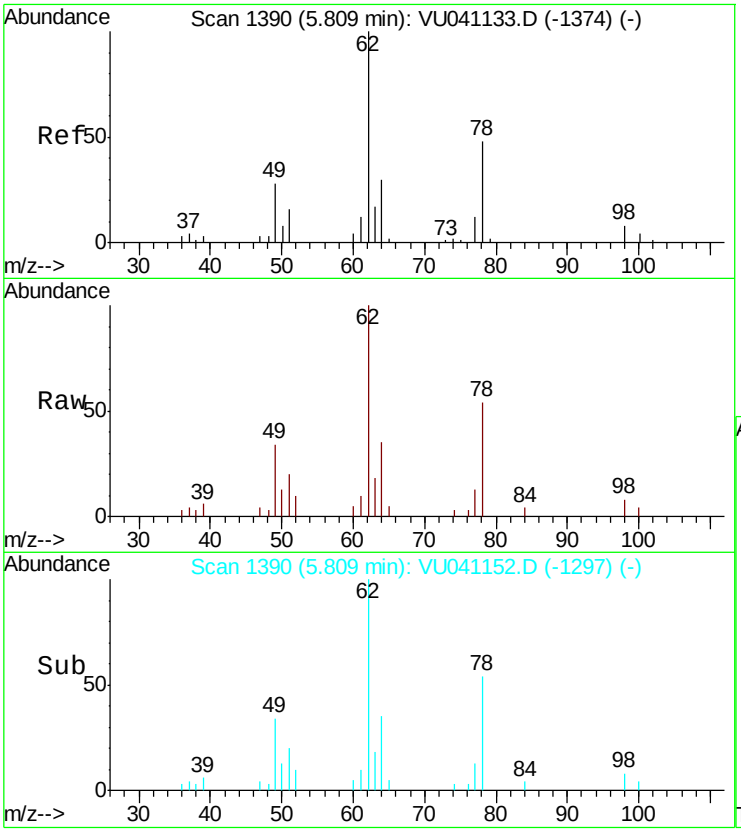


#25
Chloroform
Concen: 0.054 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 83 Resp: 521

Ion	Ratio	Lower	Upper
83	100		
85	73.5	46.1	85.7



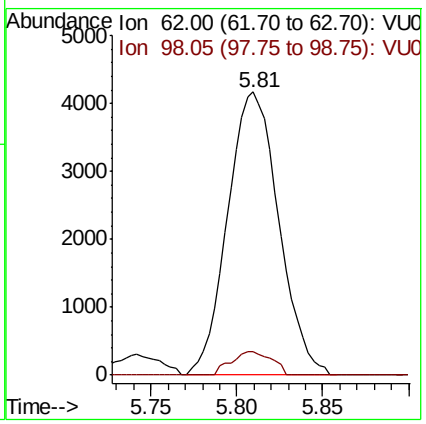


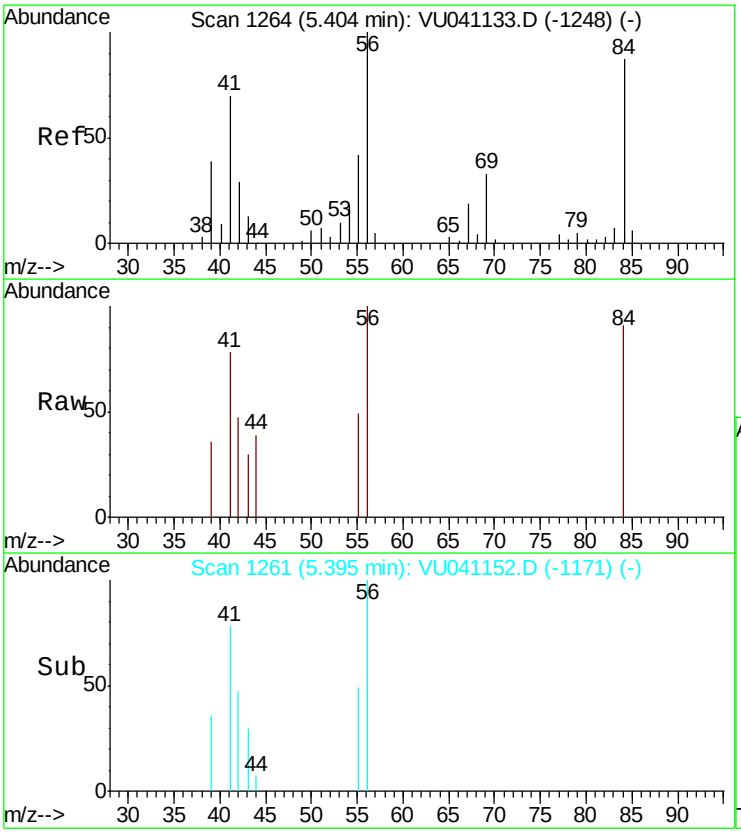
#27
1,2-Dichloroethane
Concen: 1.188 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 62 Resp: 8614

Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.6	11.4

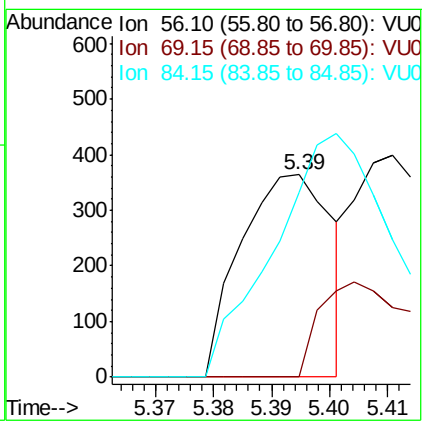


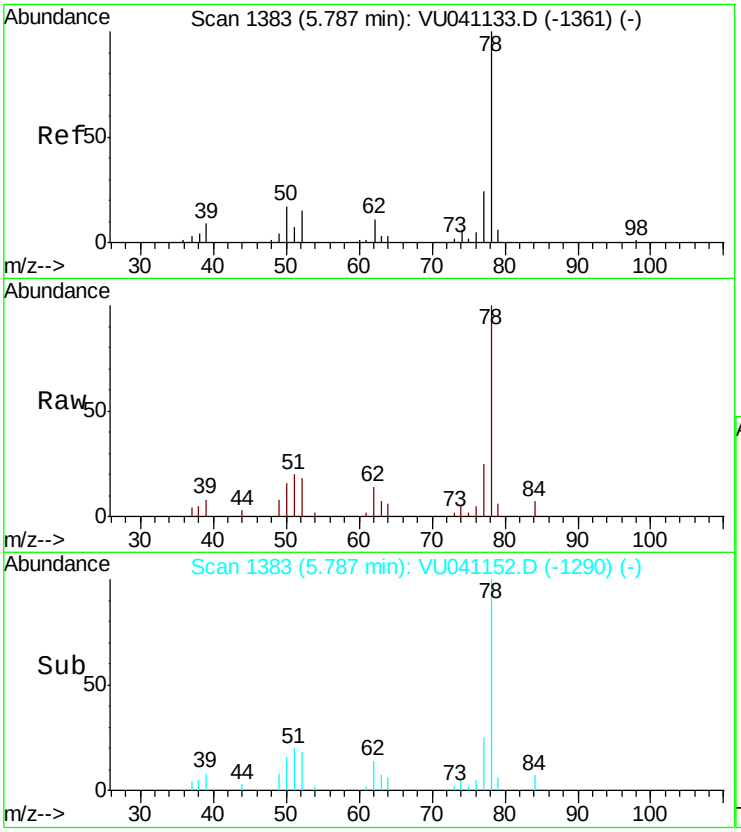


#30
Cyclohexane
Concen: 0.049 ug/L
RT: 5.39 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 56 Resp: 396

Ion	Ratio	Lower	Upper
56	100		
69	47.0	22.8	34.2#
84	147.5	63.6	95.4#

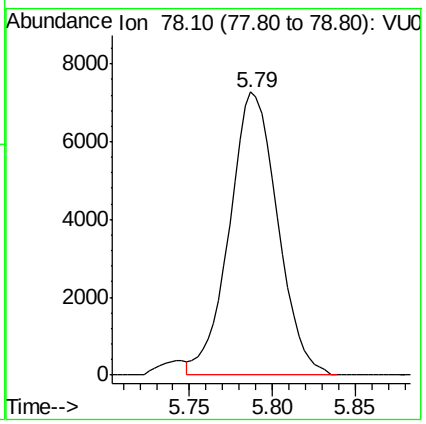


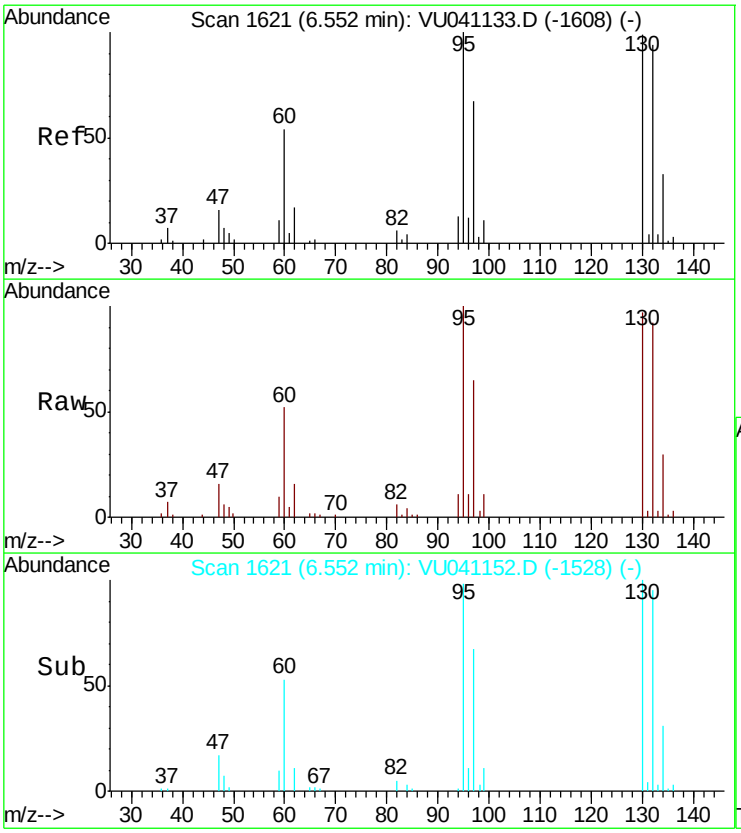


#33
Benzene
Concen: 0.732 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 78 Resp: 14694

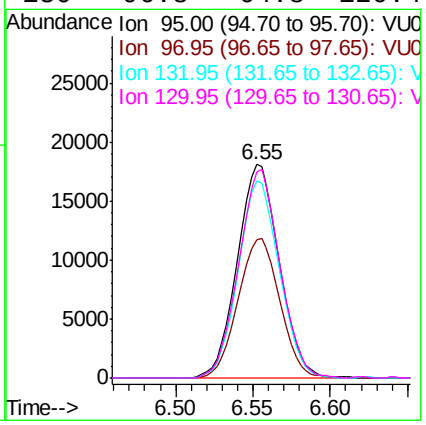


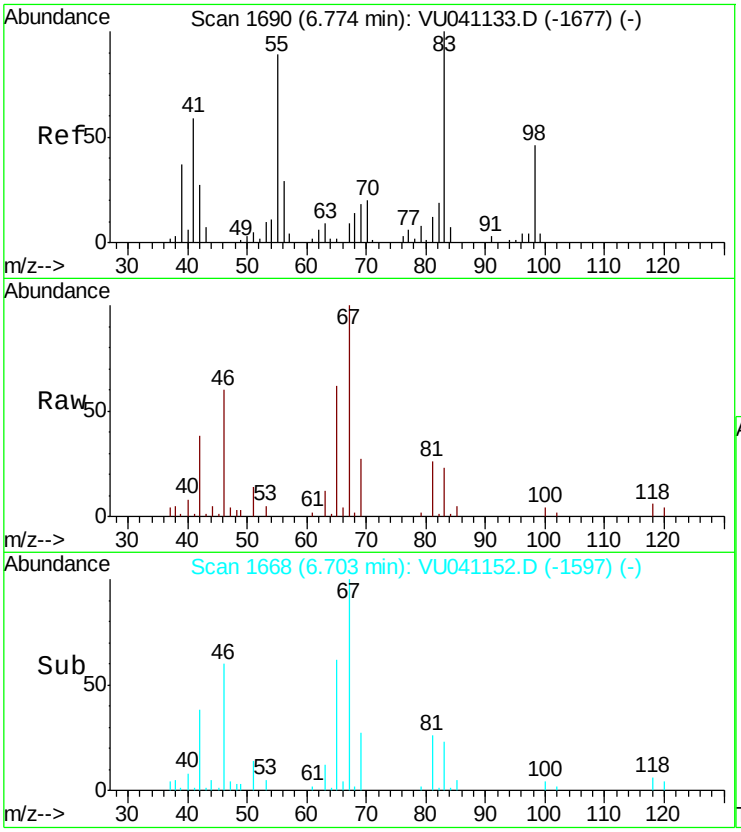


#34
Trichloroethene
Concen: 6.677 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 95 Resp: 34099

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.6	84.6
132	92.4	64.8	120.4
130	96.8	64.8	120.4



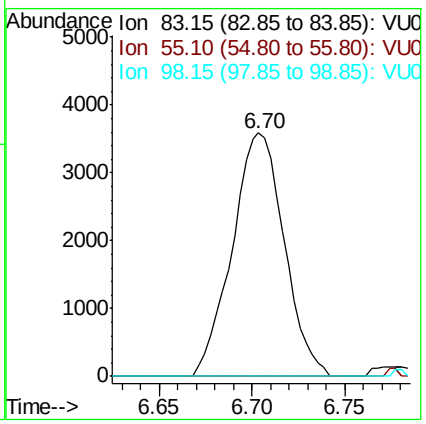


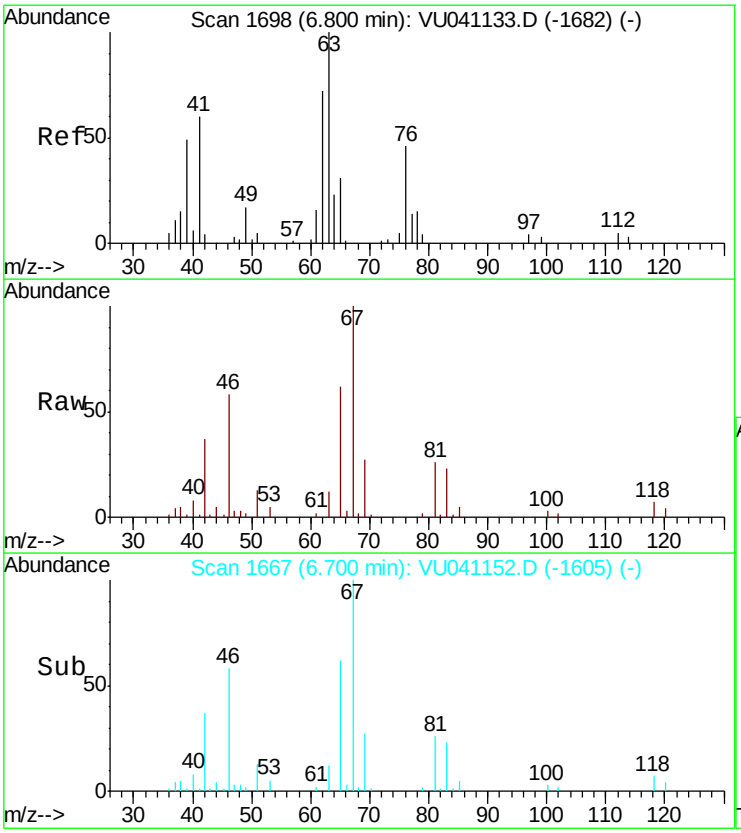
#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion: 83 Resp: 6966

Ion	Ratio	Lower	Upper
83	100		
55	0.6	72.0	108.0#
98	0.6	36.6	55.0#

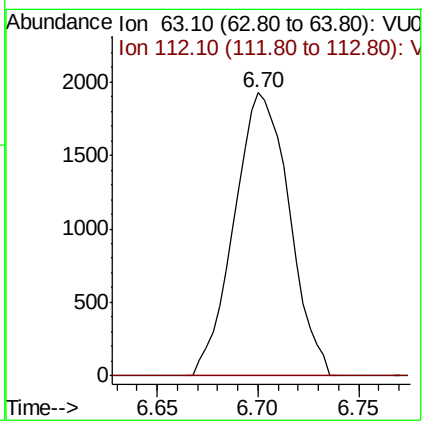


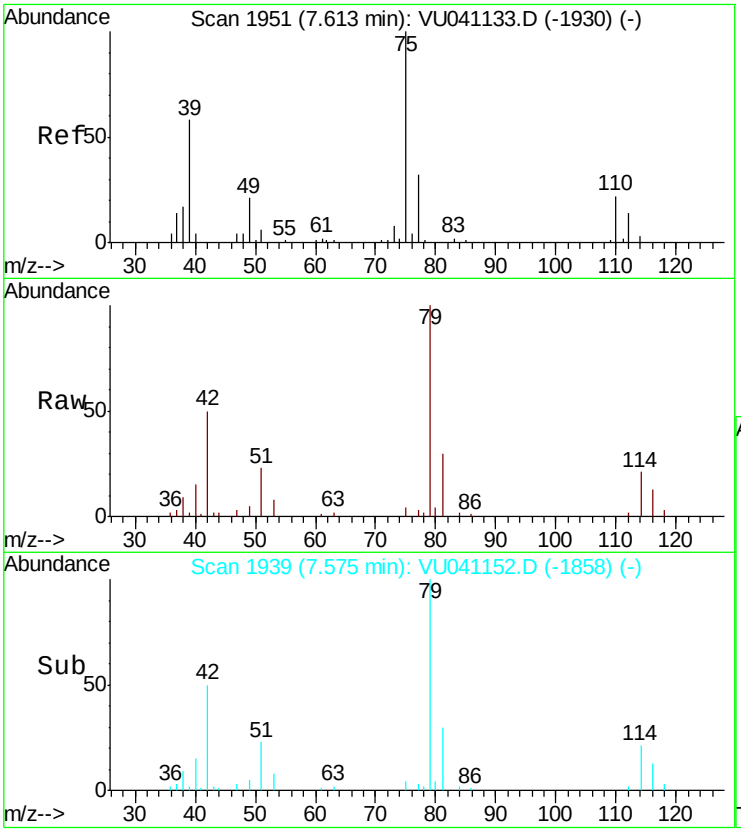


#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 63 Resp: 3680

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



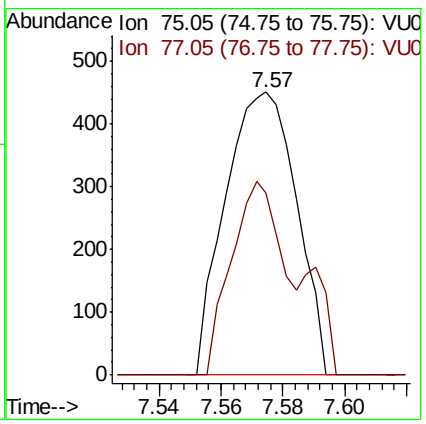


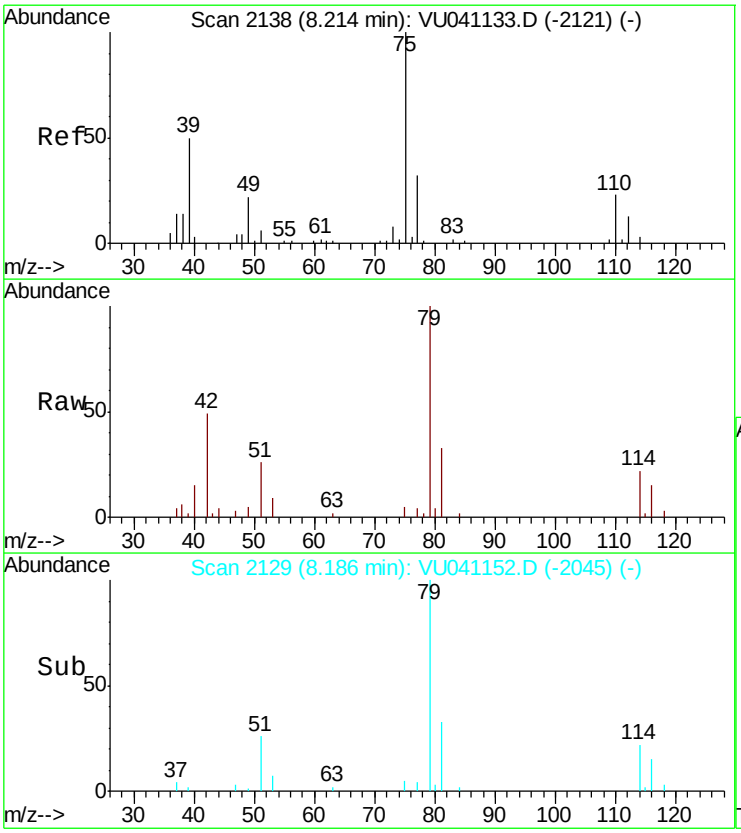
#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tgt Ion: 75 Resp: 721

Ion	Ratio	Lower	Upper
75	100		
77	64.3	22.7	42.3#

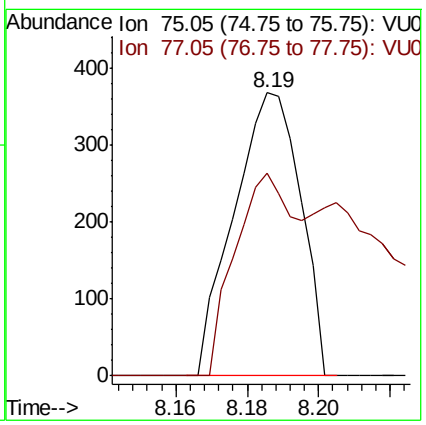


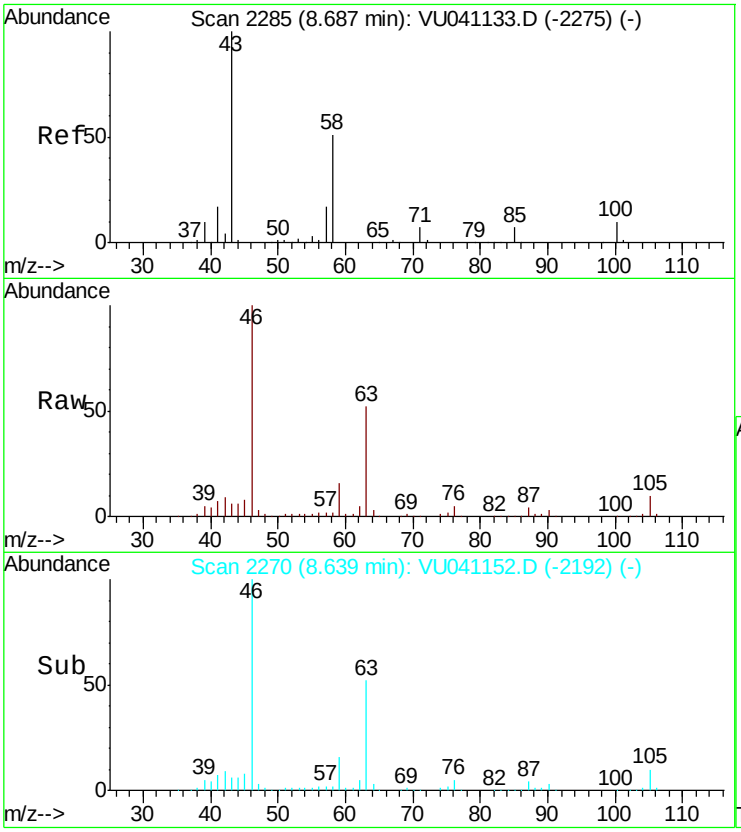


#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 75 Resp: 474

Ion	Ratio	Lower	Upper
75	100		
77	71.7	23.3	43.3#



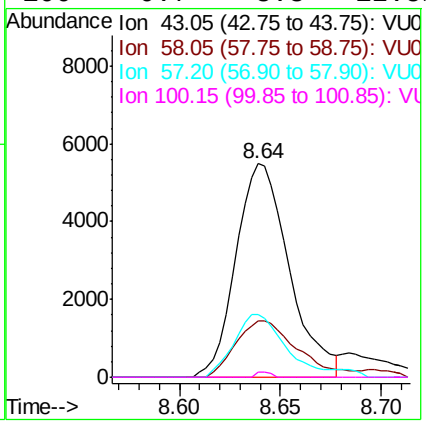


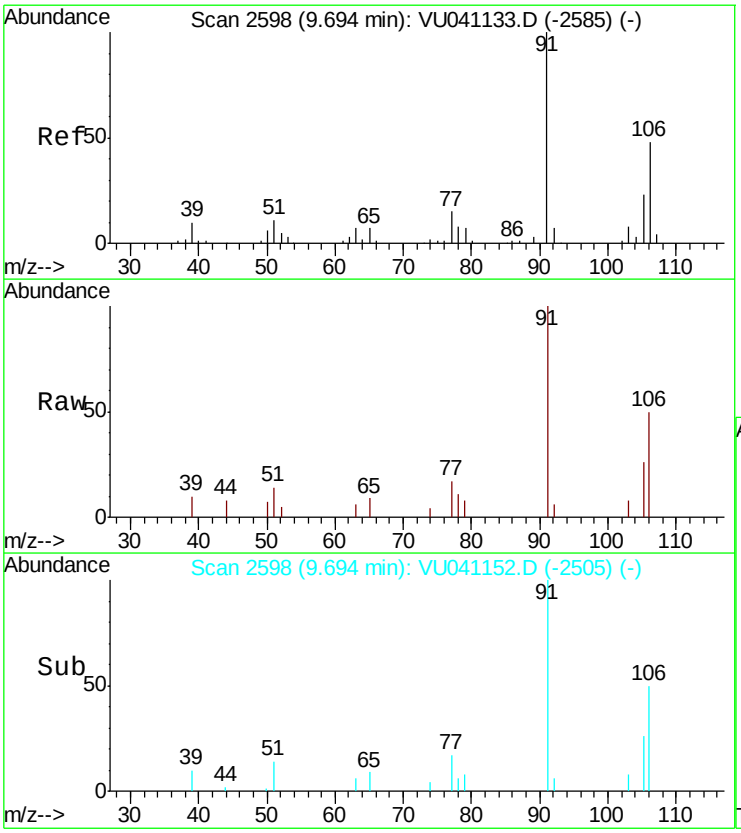
#48
2-Hexanone
Concen: 3.114 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion: 43 Resp: 10151

Ion	Ratio	Lower	Upper
43	100		
58	30.6	41.4	62.2#
57	29.8	14.6	21.8#
100	0.7	8.3	12.5#

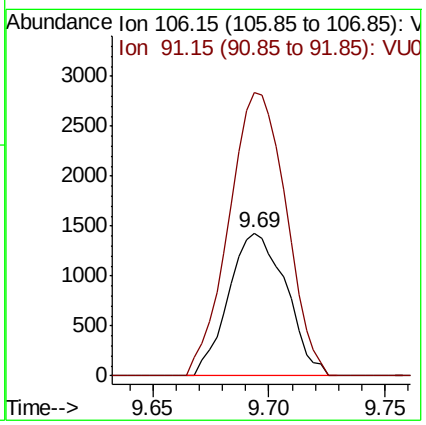


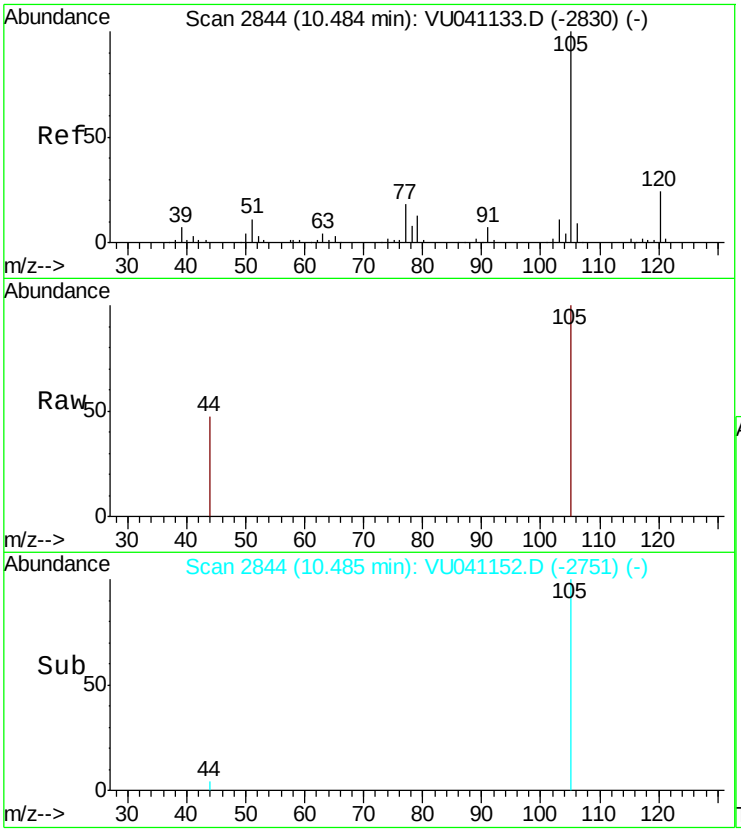


#53
m,p-Xylene
Concen: 0.314 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion:106 Resp: 2455

Ion	Ratio	Lower	Upper
106	100		
91	198.1	150.9	280.3



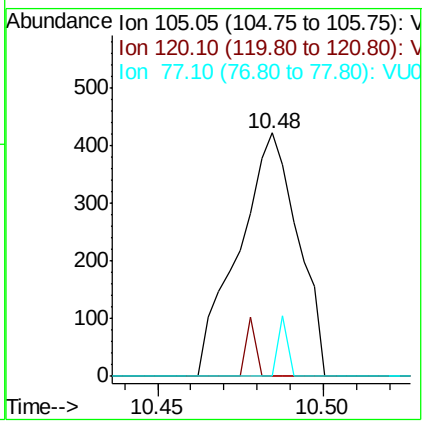


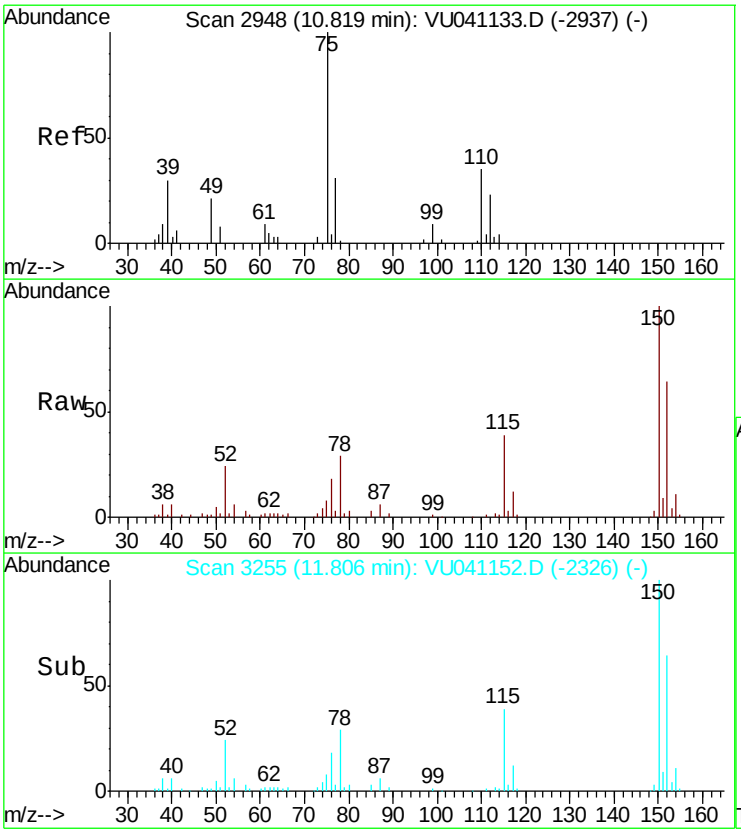
#56
Isopropylbenzene
Concen: 0.027 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Instrument : MSVOA_U
ClientSampleId : GB0W3

Tgt Ion:105 Resp: 525

Ion	Ratio	Lower	Upper
105	100		
120	3.8	20.7	31.1#
77	3.8	13.8	20.6#





#59
1,2,3-Trichloropropane
Concen: 0.948 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041152.D
Acq: 09 Nov 2020 19:37

Tgt Ion: 75 Resp: 3835

Ion	Ratio	Lower	Upper
75	100		
77	40.5	25.7	38.5#