Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
Data File : VU040131.D
Acq On : 14 Sep 2020 20:18
Operator : SY/MD
Sample : L4001-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYP3

Quant Time: Sep 15 02:15:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107672	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48600	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29944	5.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.80%			
7) Chloroethane-d5	1.92	69	26600	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.60%			
11) 1,1-Dichloroethene-d2	2.58	63	53554	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.66	46	116225	49.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.86%			
24) Chloroform-d	5.08	84	64601	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.72	65	39404	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.74	84	119752	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.70	67	38208	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.91	98	94610	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%			
43) trans-1,3-Dichloropropene-	8.19	79	14782	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.64	63	81138	43.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.76%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33350	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	36137	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	1428	0.140	ug/L	97
13) Acetone	2.68	43	77996	35.832	ug/L	87
21) 2-Butanone	4.74	43	3371	0.949	ug/L	96
25) Chloroform	5.11	83	2546	0.135	ug/L	92
34) Trichloroethene	6.27	95	1988	0.188	ug/L #	9
35) Methylcyclohexane	6.70	83	9564	0.589	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4512	0.422	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1182	0.075	ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	573	0.039	ug/L #	1
48) 2-Hexanone	8.64	43	13635	2.130	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7265	0.917	ug/L #	82
69) Naphthalene	14.07	128	993	0.044	ug/L #	74

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

Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : L4001-07
Misc : 25.0mL/MSVOA_U/WATER
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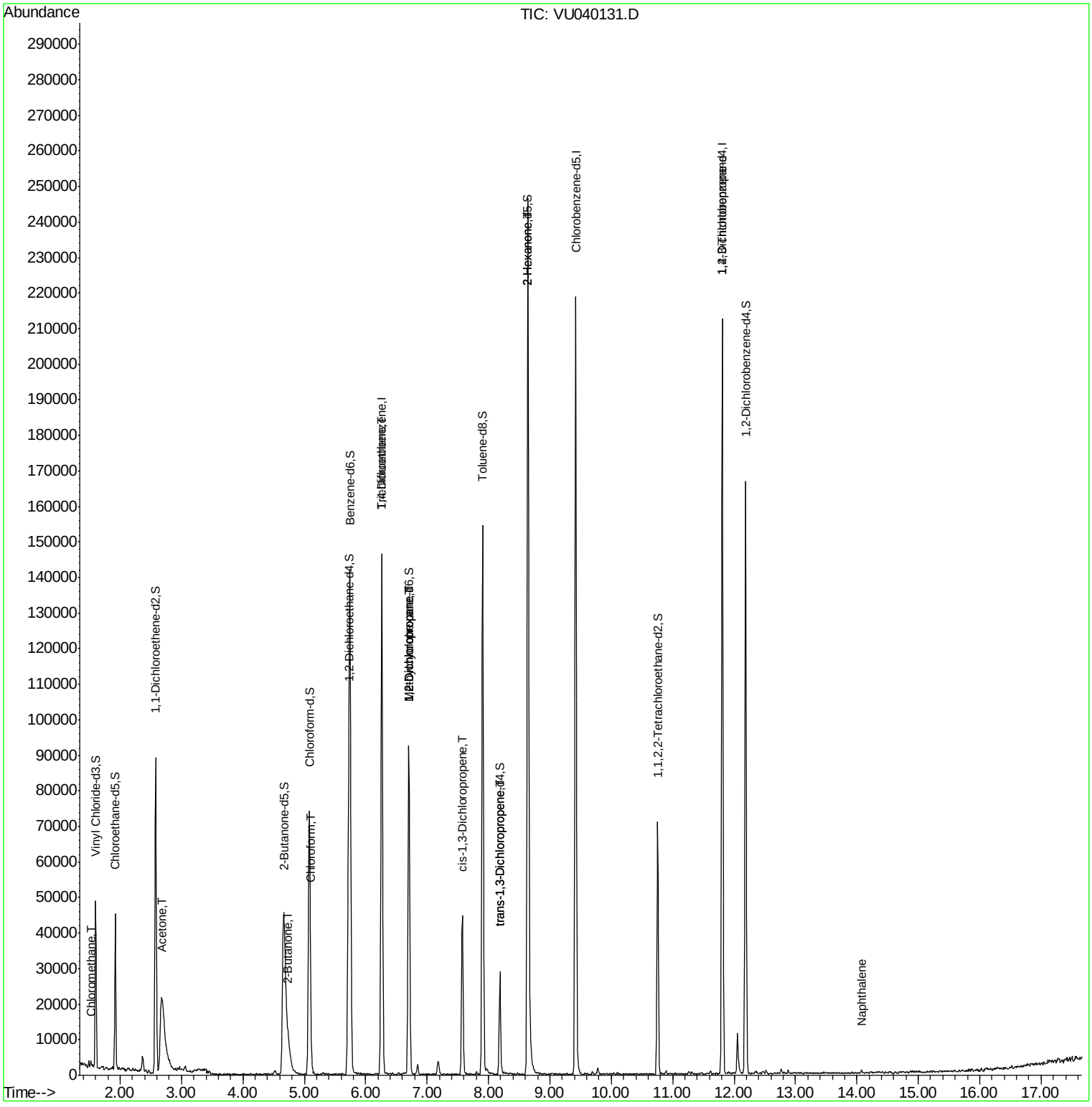
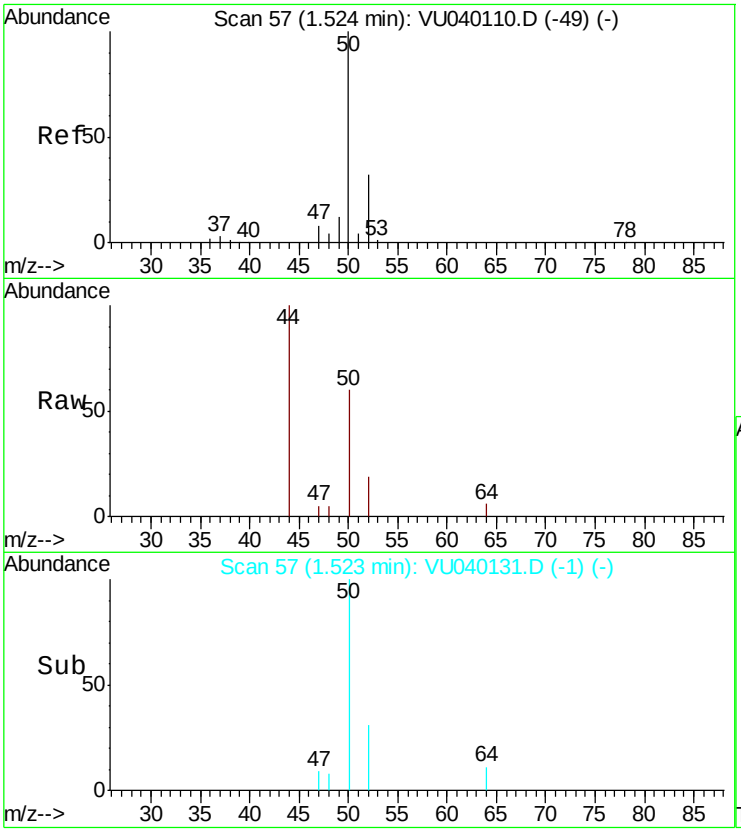
Instrument : MSVOA_U
ClientSampleId : ETYP3

Quant Time: Sep 15 02:15:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration



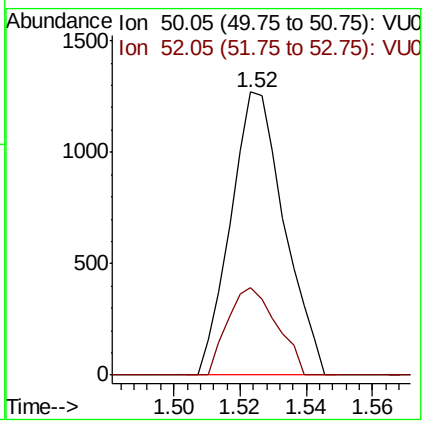


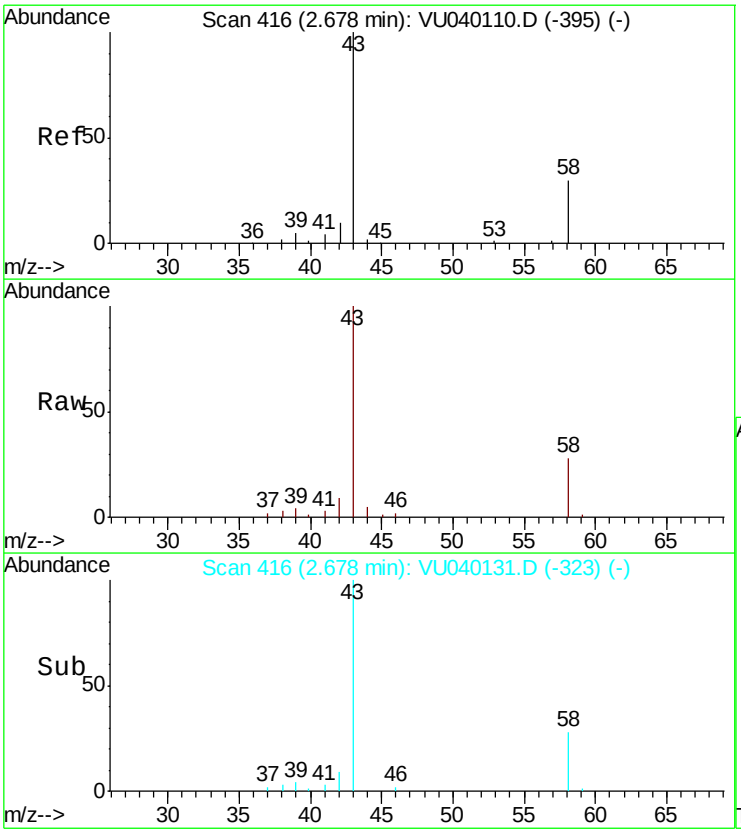
#3
Chloromethane
Concen: 0.140 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
ETYP3

Tgt Ion: 50 Resp: 1428

Ion	Ratio	Lower	Upper
50	100		
52	30.9	22.8	42.4

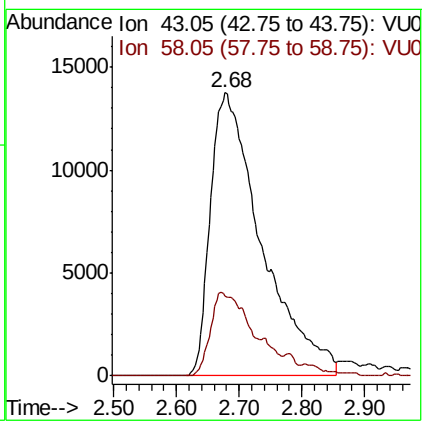


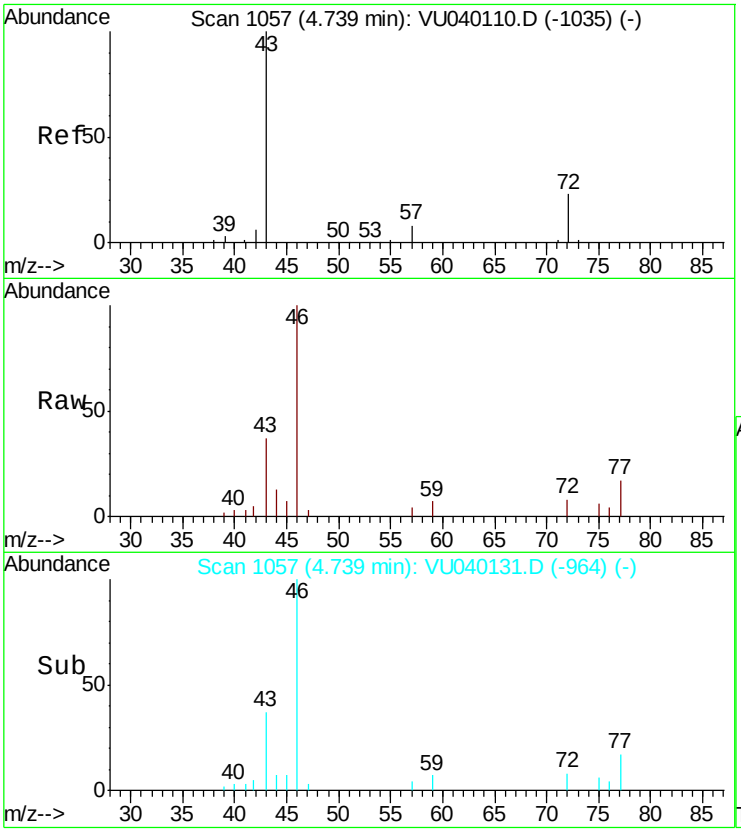


#13
Acetone
Concen: 35.832 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.00 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Tgt Ion: 43 Resp: 77996

Ion	Ratio	Lower	Upper
43	100		
58	20.8	0.0	55.4



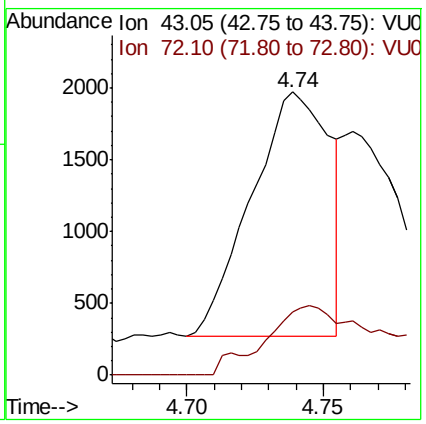


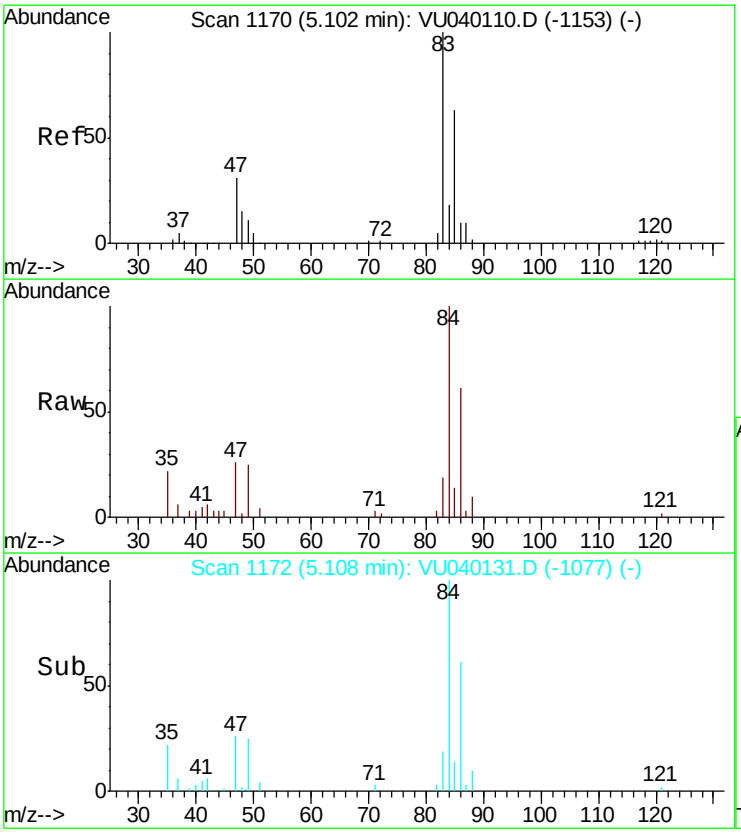
#21
2-Butanone
Concen: 0.949 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. -0.00 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
ETYP3

Tgt Ion: 43 Resp: 3371

Ion	Ratio	Lower	Upper
43	100		
72	25.3	11.7	35.0

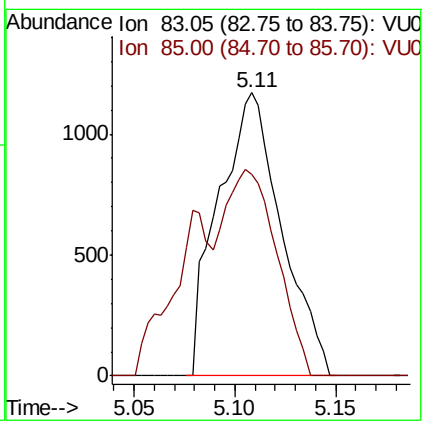


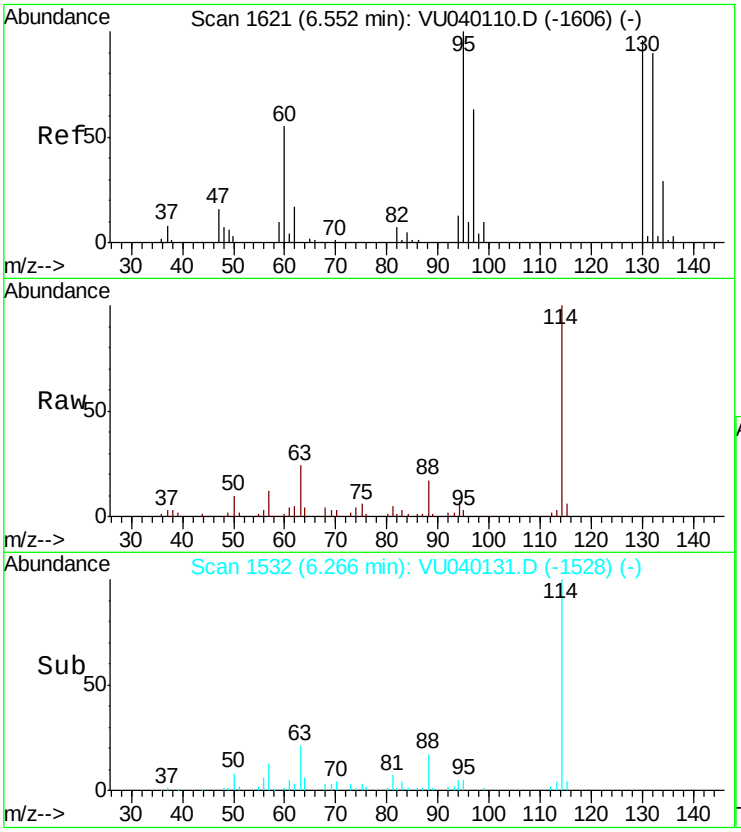


#25
Chloroform
Concen: 0.135 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Tgt Ion: 83 Resp: 2546

Ion	Ratio	Lower	Upper
83	100		
85	71.2	45.3	84.1



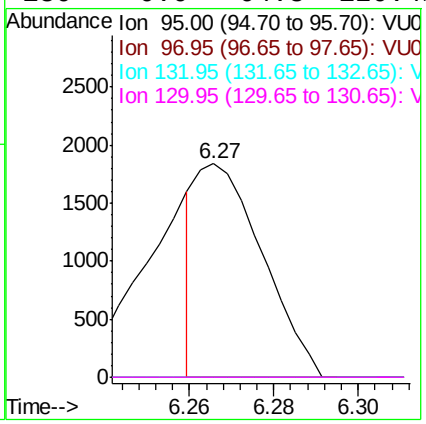


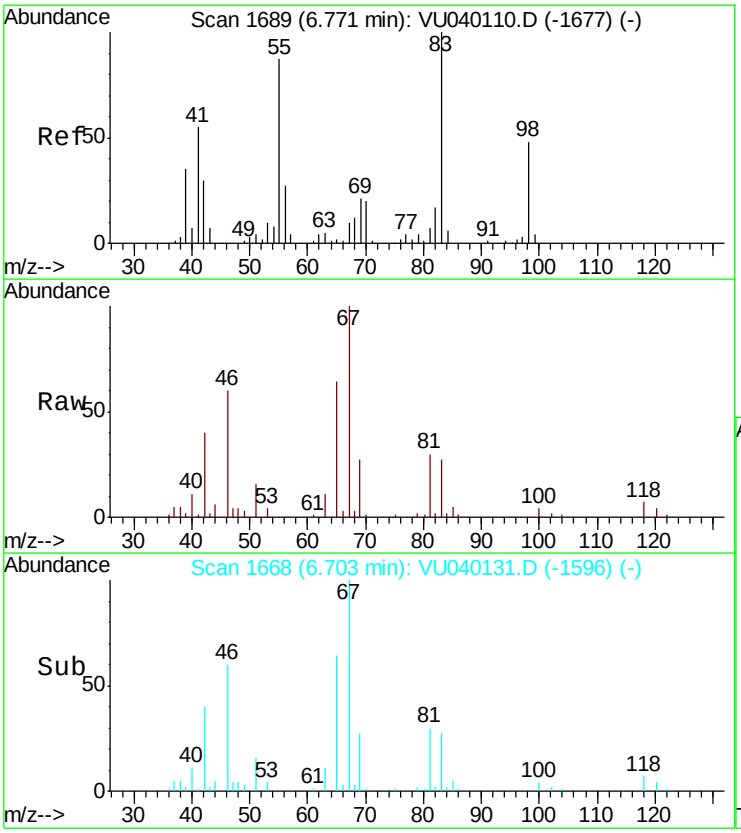
#34
Trichloroethene
Concen: 0.188 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Instrument : MSVOA_U
ClientSampleId : ETYP3

Tgt Ion: 95 Resp: 1988

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.3	80.5#
132	0.0	59.4	110.4#
130	0.0	64.8	120.4#

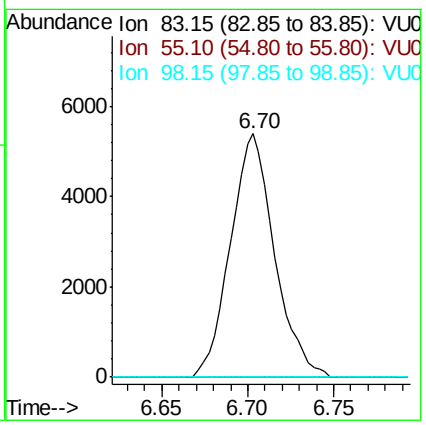


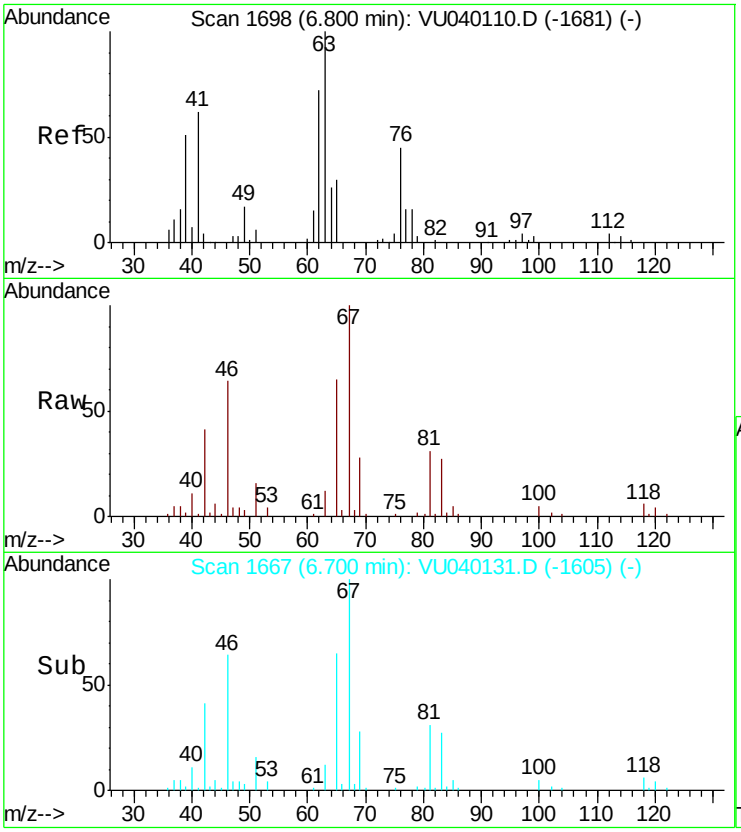


#35
Methylcyclohexane
Concen: 0.589 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Tgt Ion: 83 Resp: 9564

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.5	105.7#
98	0.2	37.8	56.6#



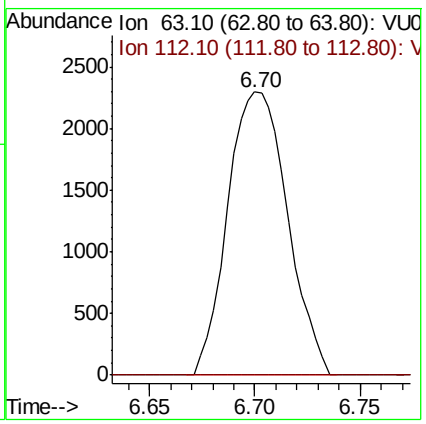


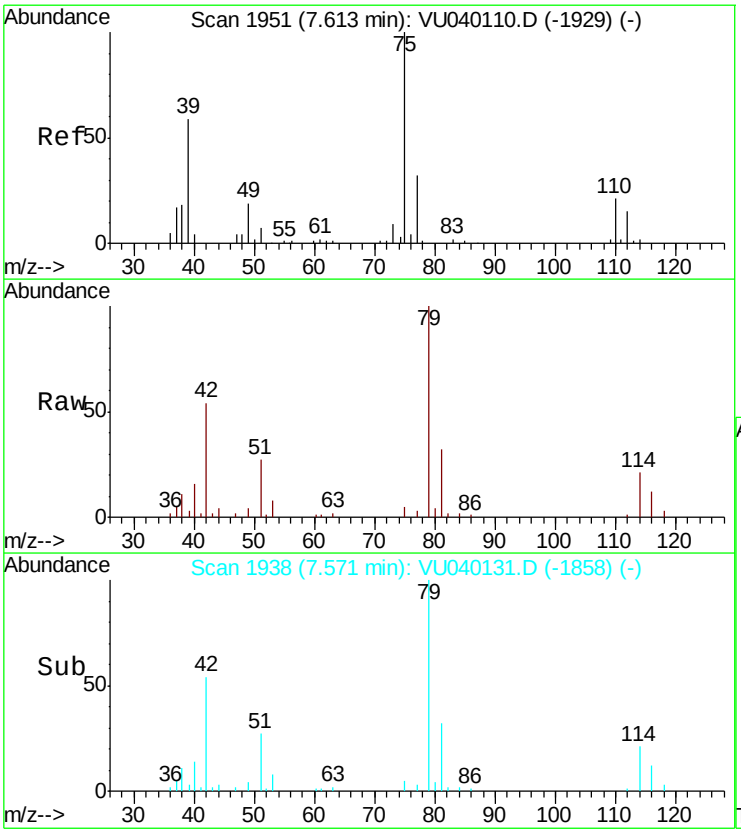
#37
1,2-Dichloropropane
Concen: 0.422 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
ETYP3

Tgt Ion: 63 Resp: 4512

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

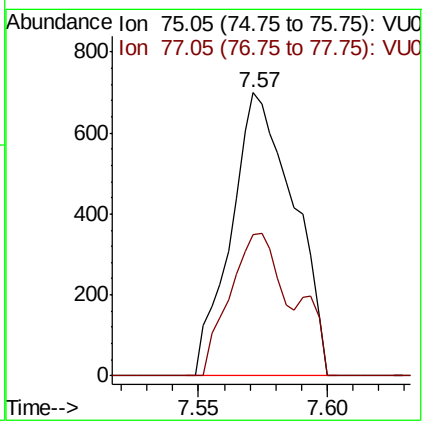


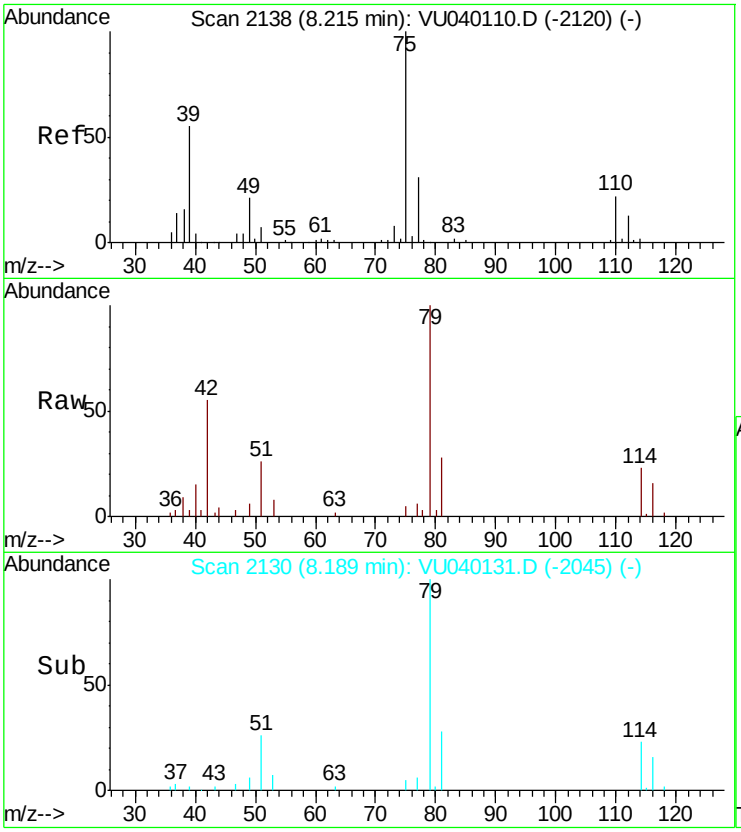


#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Tgt Ion: 75 Resp: 1182

Ion	Ratio	Lower	Upper
75	100		
77	49.9	21.1	39.3#



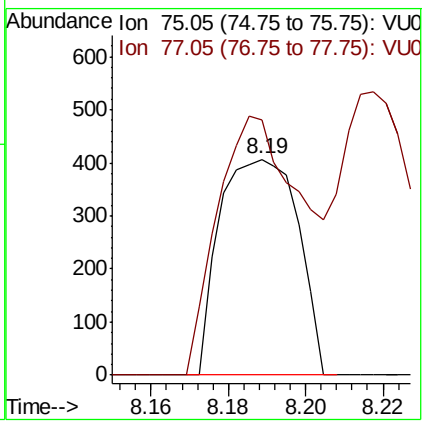


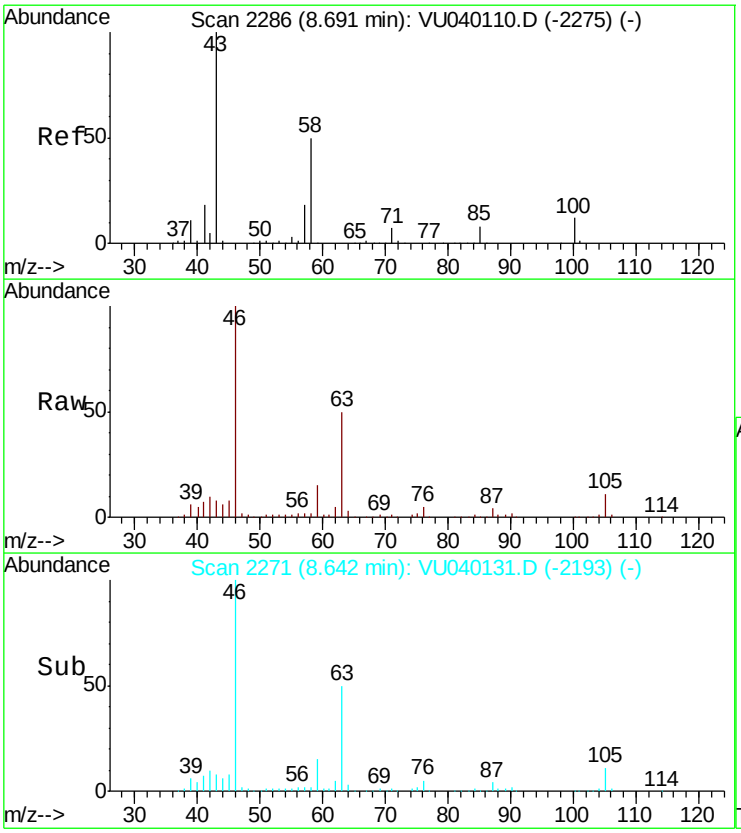
#44
trans-1,3-Dichloropropene
Concen: 0.039 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
ETYP3

Tgt Ion: 75 Resp: 573

Ion	Ratio	Lower	Upper
75	100		
77	117.9	23.9	44.3#

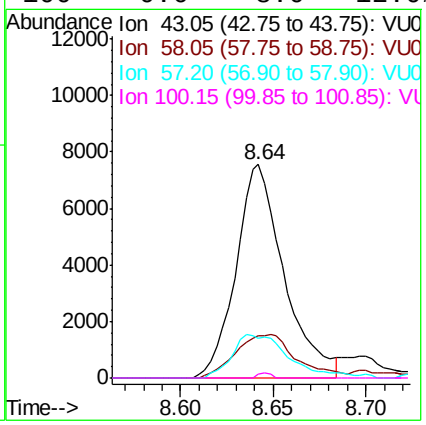


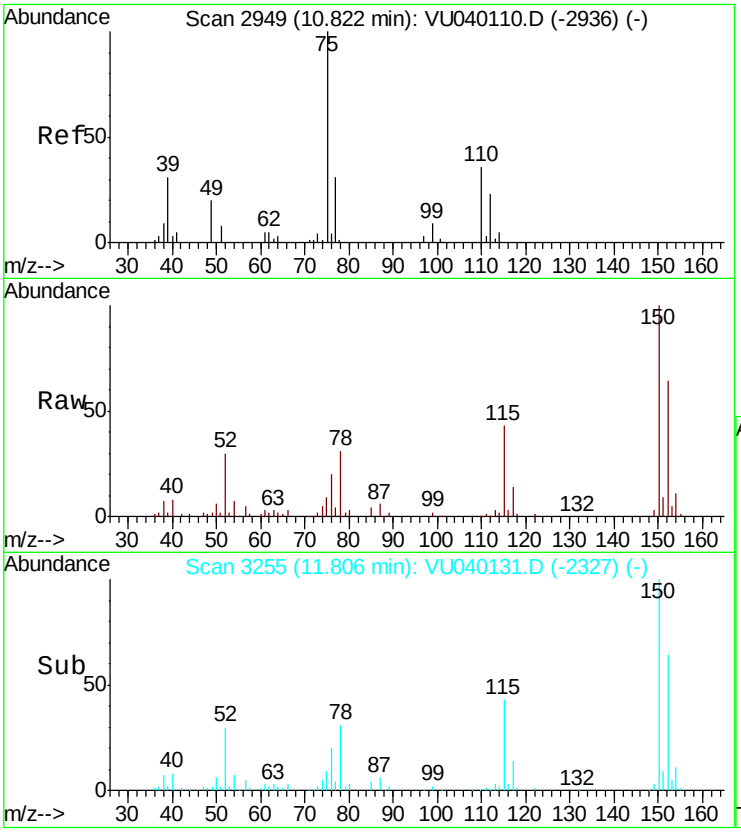


#48
2-Hexanone
Concen: 2.130 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Tgt Ion: 43 Resp: 13635

Ion	Ratio	Lower	Upper
43	100		
58	25.8	39.6	59.4#
57	23.9	14.3	21.5#
100	0.6	8.0	12.0#



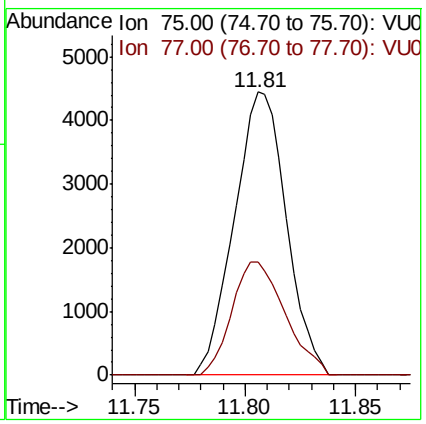


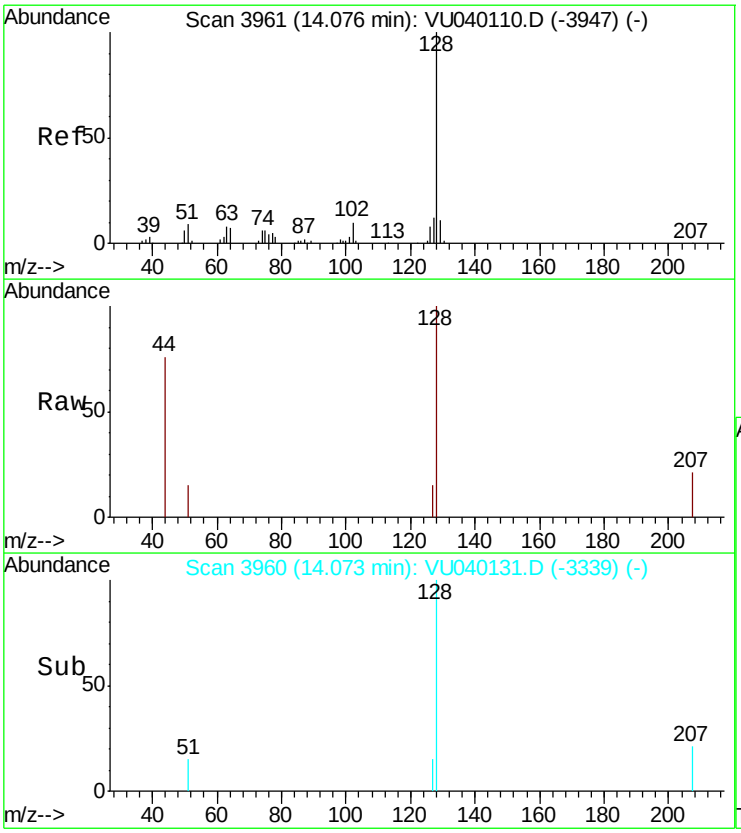
#59
1,2,3-Trichloropropane
Concen: 0.917 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Instrument :
MSVOA_U
ClientSampleId :
ETYP3

Tgt Ion: 75 Resp: 7265

Ion	Ratio	Lower	Upper
75	100		
77	41.0	24.9	37.3#





#69
Naphthalene
Concen: 0.044 ug/L
RT: 14.07 min Scan# 3960
Delta R.T. -0.00 min
Lab File: VU040131.D
Acq: 14 Sep 2020 20:18

Tgt Ion:128 Resp: 993

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	4.1	10.7	16.1#