Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092820\
Data File : VU040337.D
Acq On : 28 Sep 2020 17:32
Operator : SY/MD
Sample : L4147-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST2

Quant Time: Sep 29 07:27:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60739	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39645	5.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.40%			
7) Chloroethane-d5	1.92	69	37668	6.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 124.80%			
11) 1,1-Dichloroethene-d2	2.58	63	65912	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.65	46	181620	62.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.30%			
24) Chloroform-d	5.08	84	87536	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.72	65	54175	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.74	84	166634	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.80%			
36) 1,2-Dichloropropane-d6	6.70	67	56728	5.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.40%			
41) Toluene-d8	7.91	98	136338	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	8.19	79	21316	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.64	63	131268	59.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47193	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55994	5.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	17360	1.376	ug/L	96
8) Chloroethane	1.94	64	484	0.063	ug/L #	42
13) Acetone	2.66	43	21585	8.043	ug/L	90
25) Chloroform	5.11	83	4161	0.179	ug/L	97
35) Methylcyclohexane	6.70	83	13461	0.692	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	6663	0.520	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1661	0.088	ug/L #	66
42) Toluene	7.98	91	1978	0.041	ug/L	87
44) trans-1,3-Dichloropropene	8.19	75	971	0.055	ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	8690	0.915	ug/L #	87
68) 1,2,4-trichlorobenzene	13.83	180	514	0.038	ug/L #	85
69) Naphthalene	14.08	128	2070	0.074	ug/L #	90

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

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Instrument : MSVOA_U
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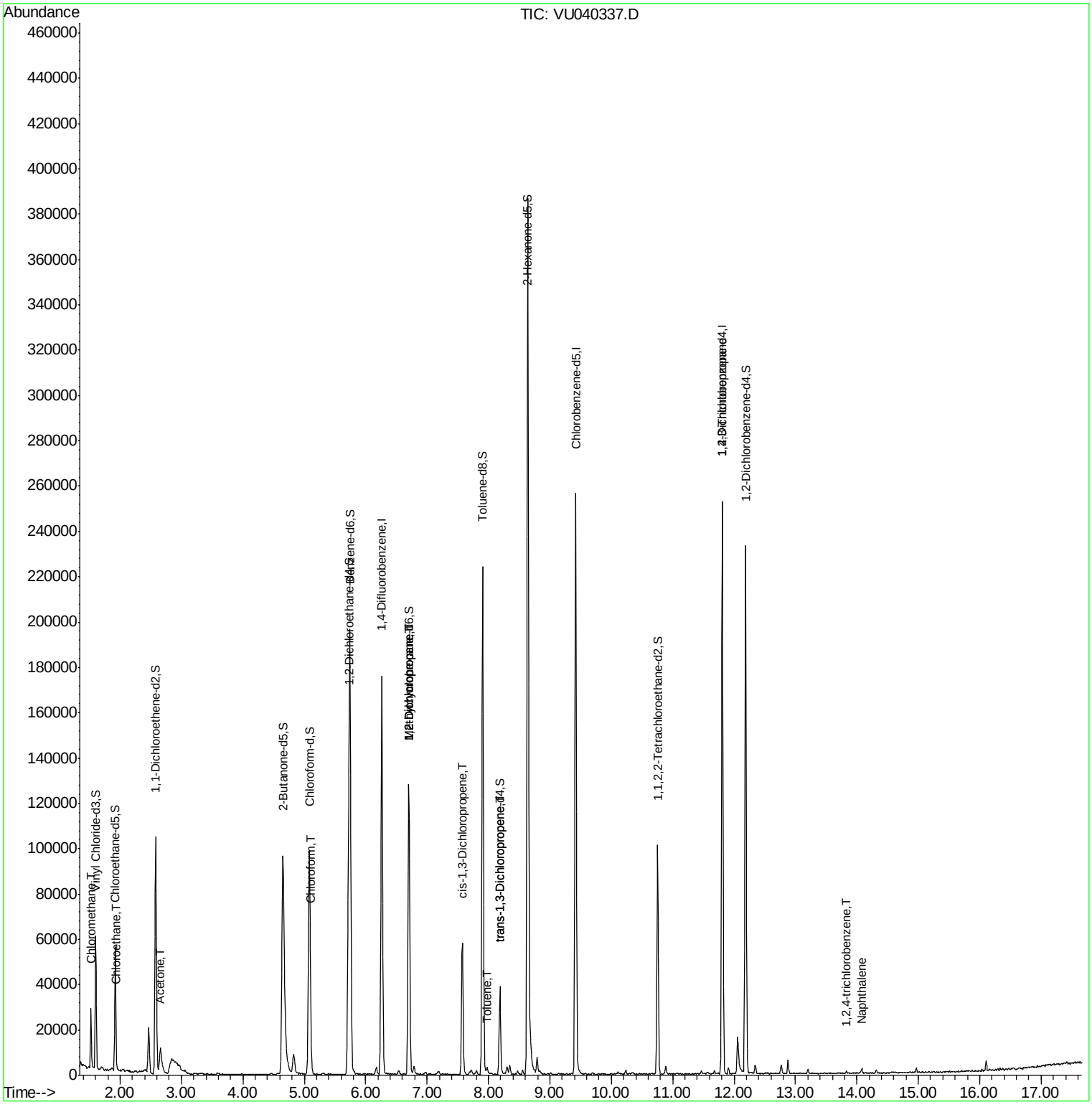
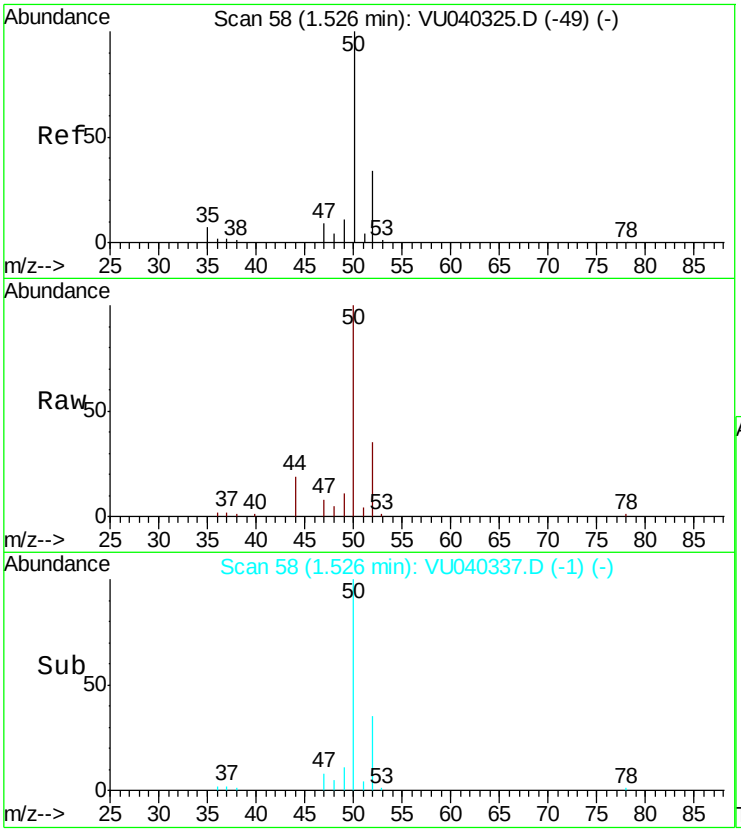
Quant Time: Sep 29 07:27:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 07:18:40 2020
Response via : Initial Calibration



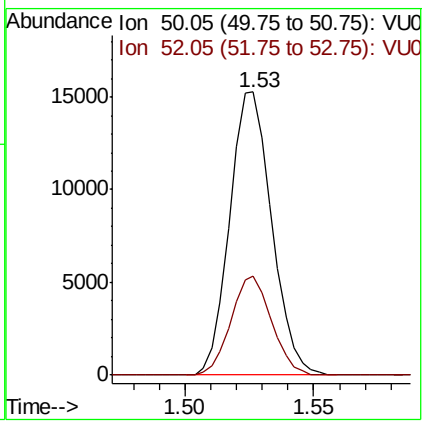


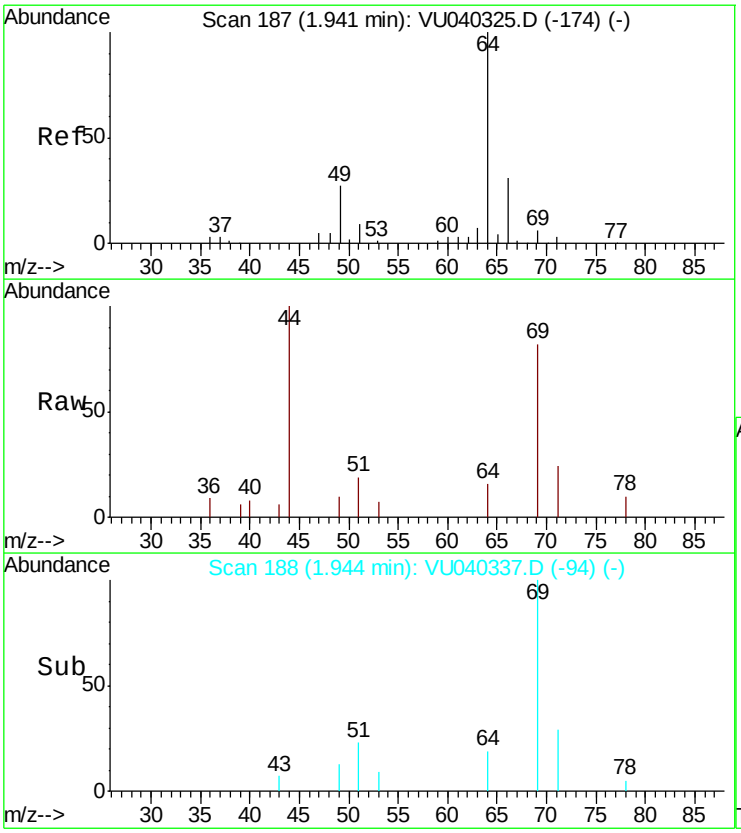
#3
Chloromethane
Concen: 1.376 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 50 Resp: 17360

Ion	Ratio	Lower	Upper
50	100		
52	35.0	22.8	42.4

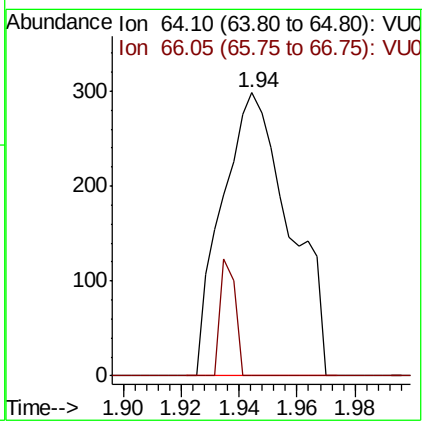


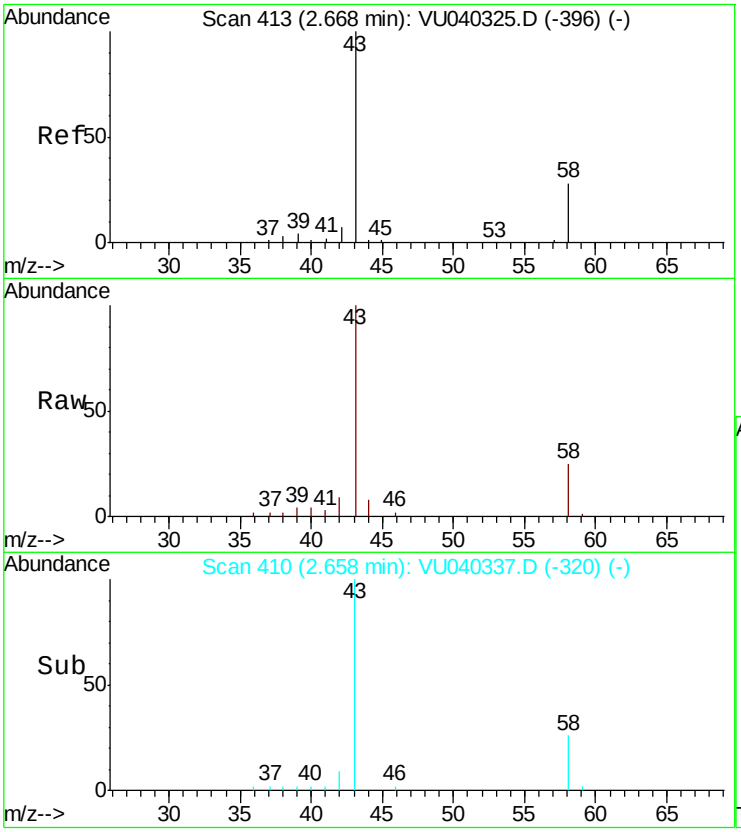


#8
Chloroethane
Concen: 0.063 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Tgt Ion: 64 Resp: 484

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.7	42.1#



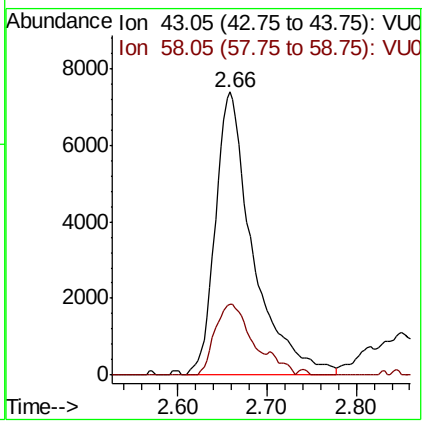


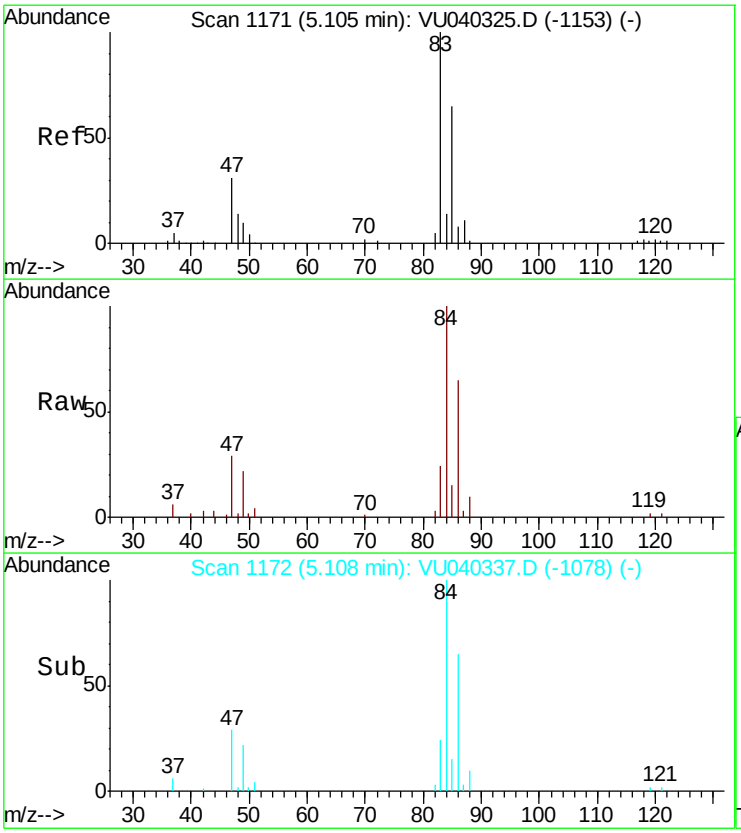
#13
Acetone
Concen: 8.043 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 43 Resp: 21585

Ion	Ratio	Lower	Upper
43	100		
58	22.7	0.0	55.4

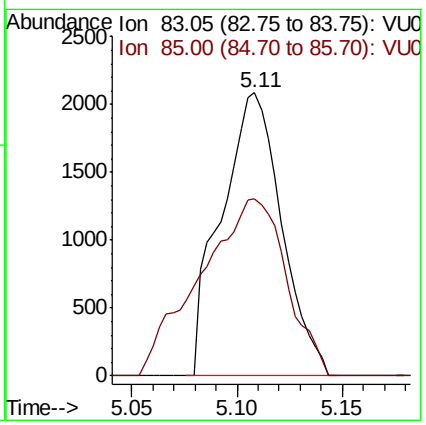


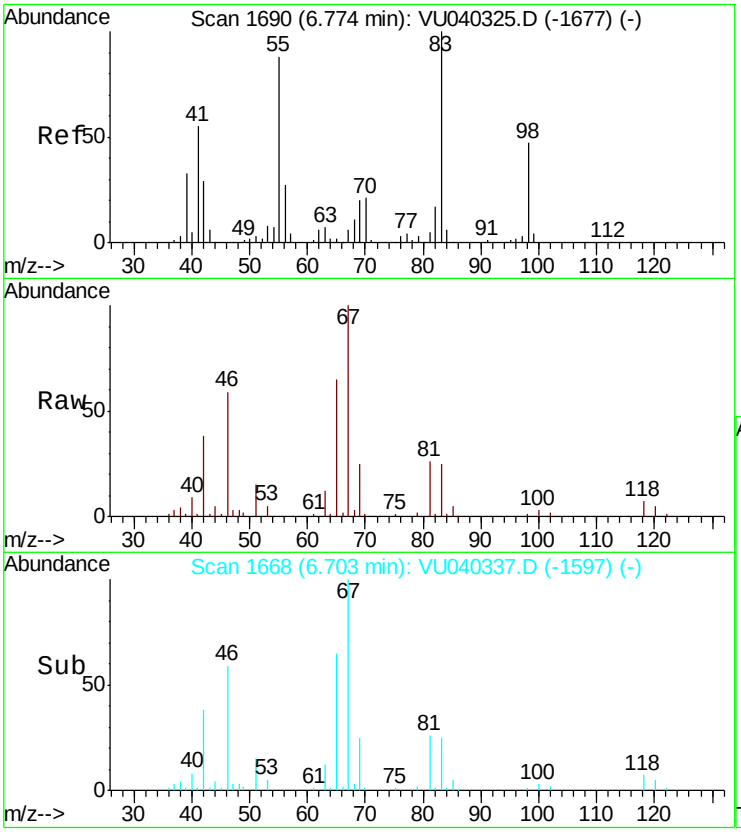


#25
Chloroform
Concen: 0.179 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Tgt Ion: 83 Resp: 4161

Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.3	84.1



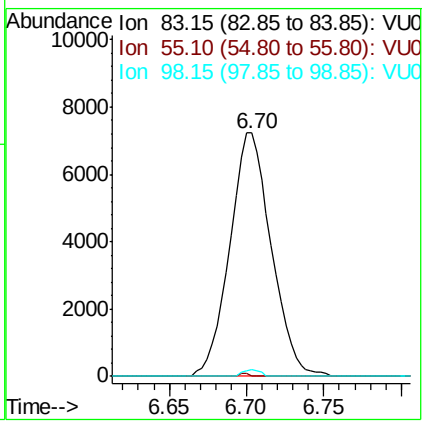


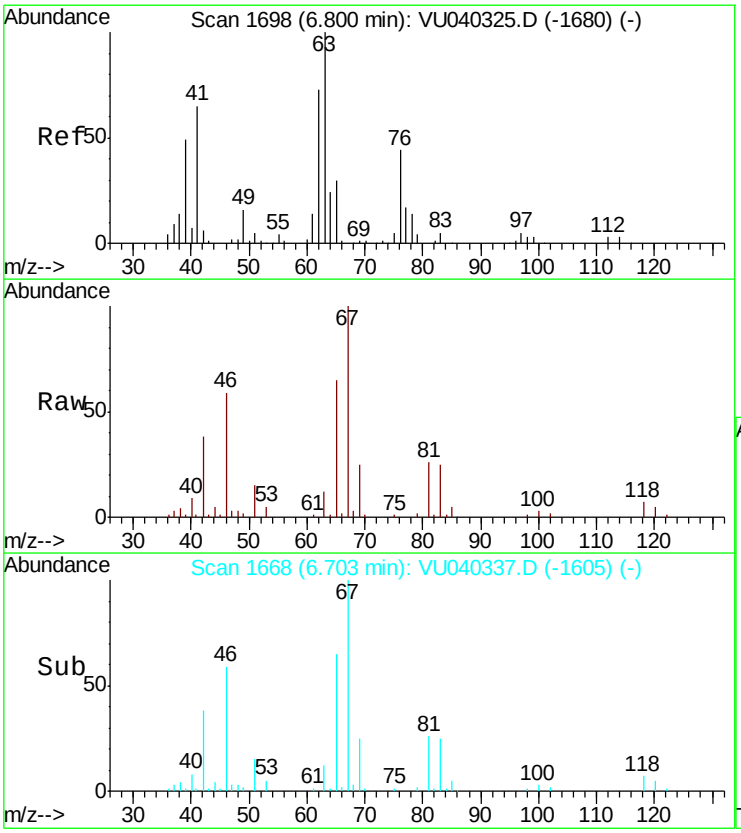
#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 83 Resp: 13461

Ion	Ratio	Lower	Upper
83	100		
55	0.3	70.5	105.7#
98	1.1	37.8	56.6#

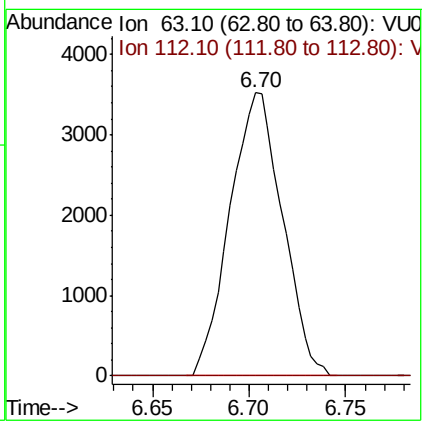


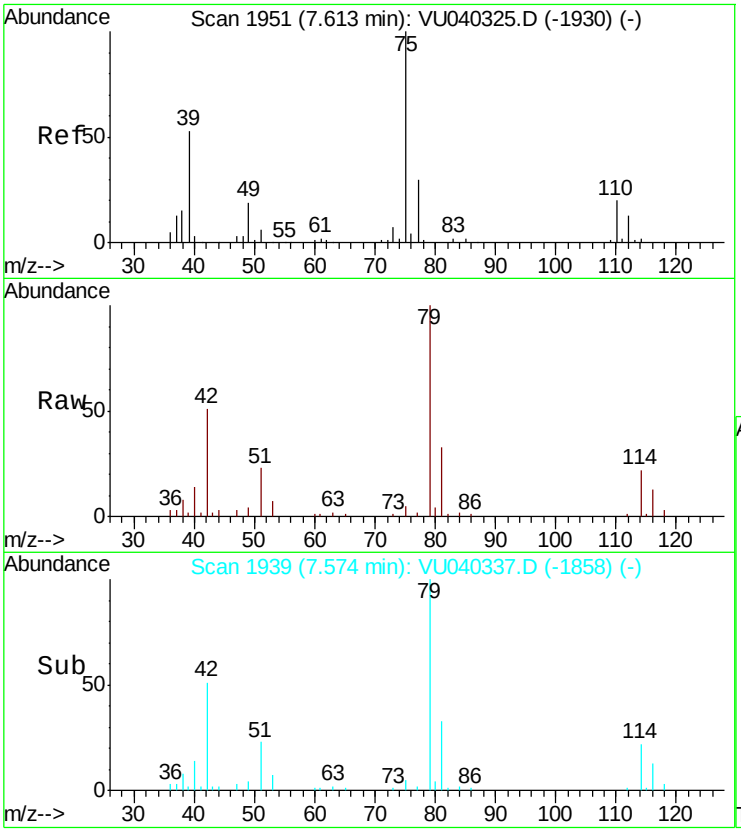


#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Tgt Ion: 63 Resp: 6663

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



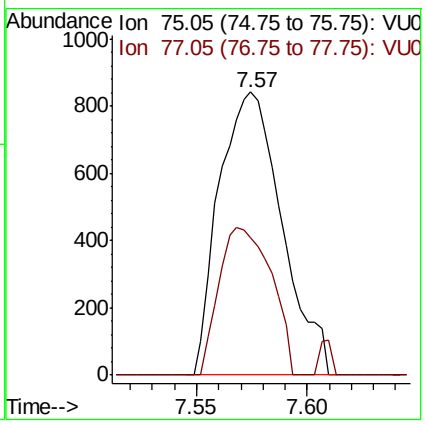


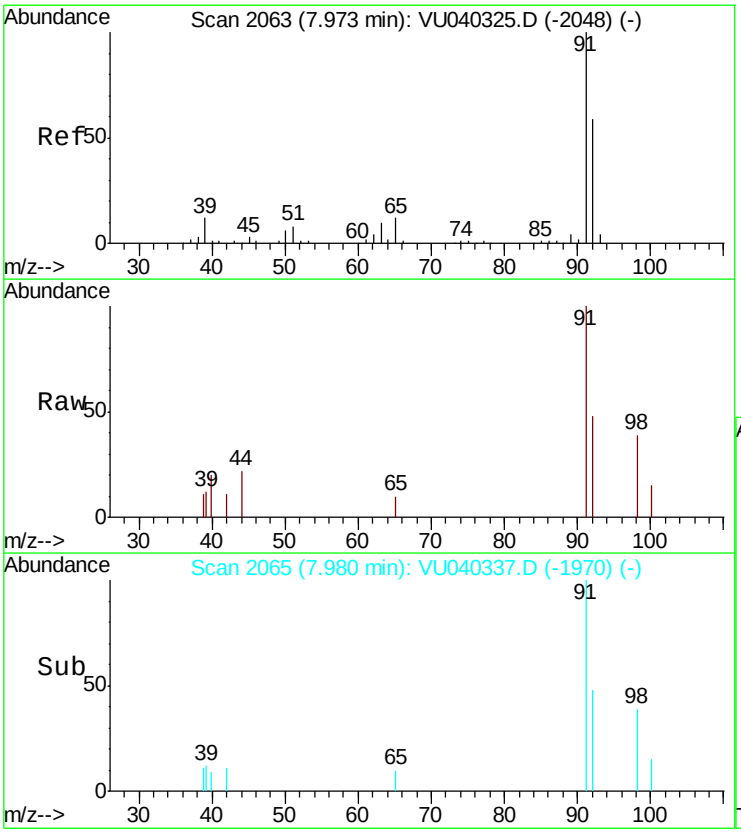
#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 75 Resp: 1661

Ion	Ratio	Lower	Upper
75	100		
77	48.7	21.1	39.3#

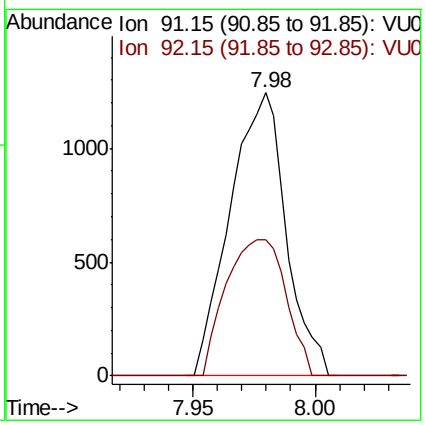


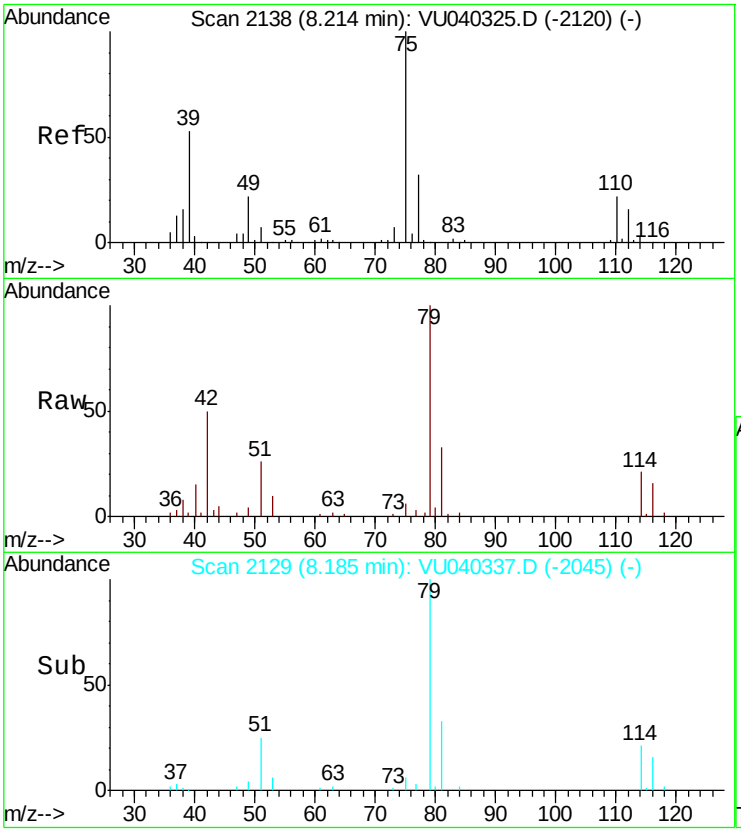


#42
Toluene
Concen: 0.041 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.01 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Tgt Ion: 91 Resp: 1978

Ion	Ratio	Lower	Upper
91	100		
92	48.3	40.7	75.5



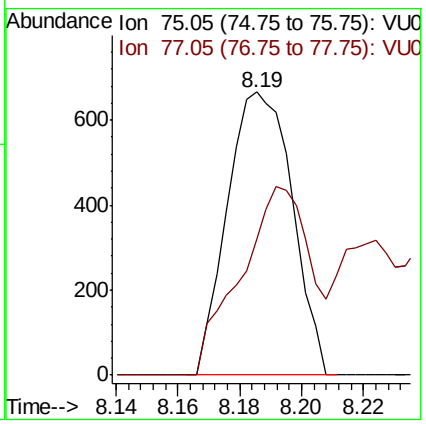


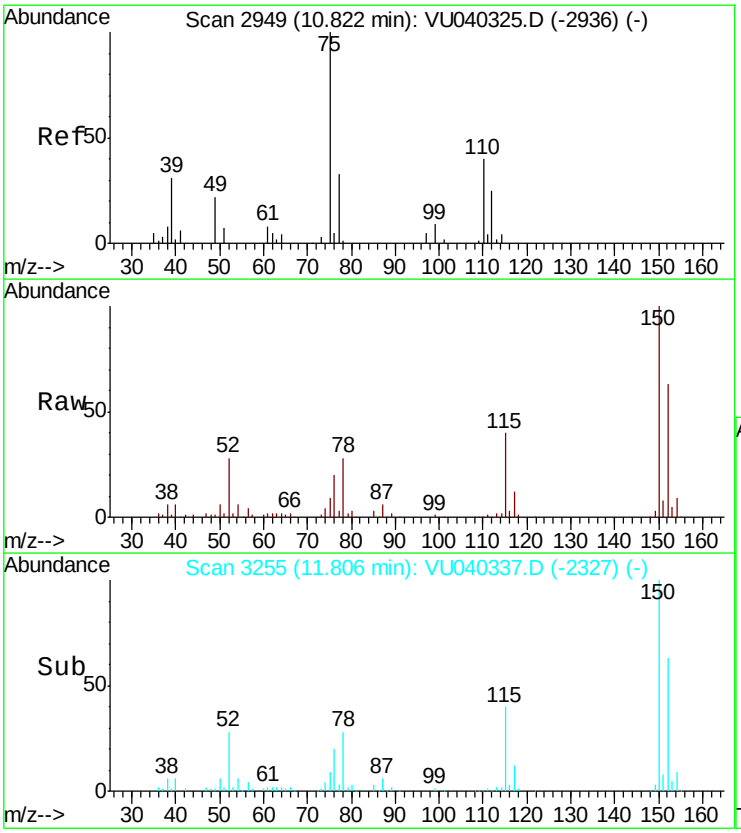
#44
trans-1,3-Dichloropropene
Concen: 0.055 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion: 75 Resp: 971

Ion	Ratio	Lower	Upper
75	100		
77	47.9	23.9	44.3#

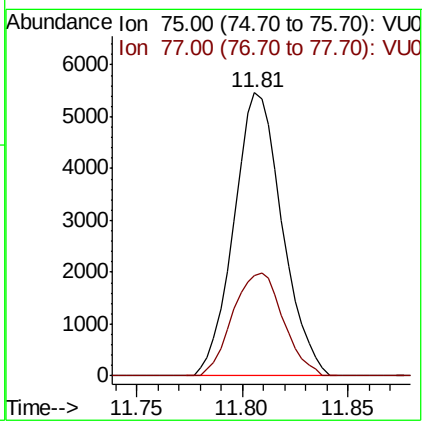


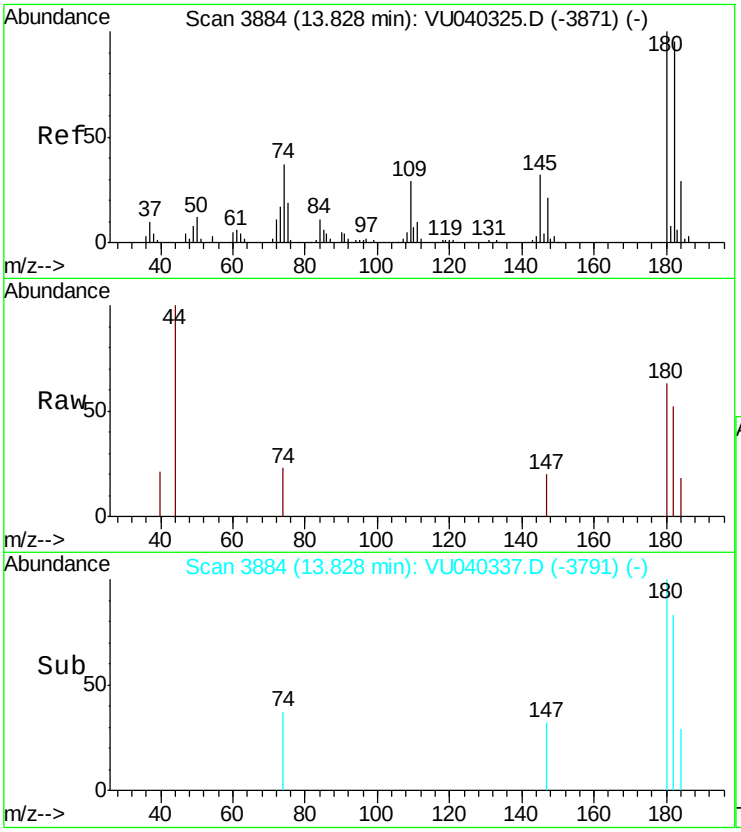


#59
1,2,3-Trichloropropane
Concen: 0.915 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Tgt Ion: 75 Resp: 8690

Ion	Ratio	Lower	Upper
75	100		
77	38.0	24.9	37.3#



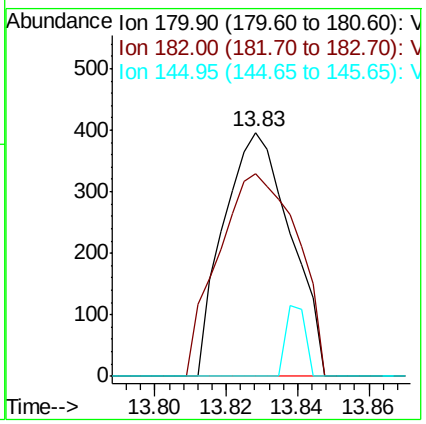


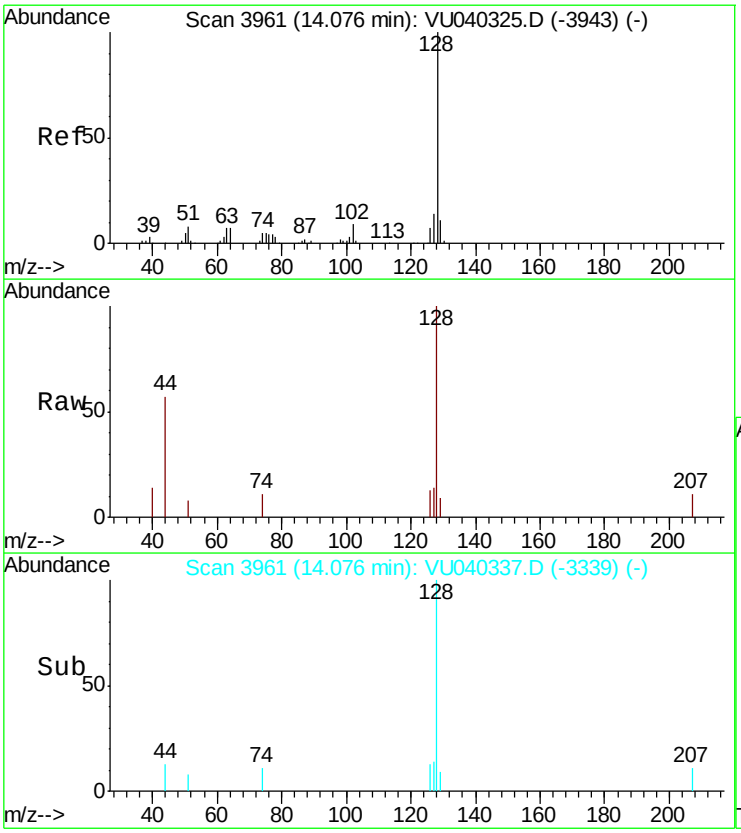
#68
1,2,4-trichlorobenzene
Concen: 0.038 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. 0.00 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Instrument :
MSVOA_U
ClientSampleId :
BFST2

Tgt Ion:180 Resp: 514

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.0	114.0
145	8.4	28.4	42.6#





#69
Naphthalene
Concen: 0.074 ug/L
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040337.D
Acq: 28 Sep 2020 17:32

Tgt Ion:128 Resp: 2070

Ion	Ratio	Lower	Upper
128	100		
129	4.2	8.7	13.1#
127	11.6	10.7	16.1