Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040515.D
Acq On : 05 Oct 2020 17:27
Operator : SY/MD
Sample : L4266-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA0

Quant Time: Oct 06 07:54:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113150	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	116520	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50116	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	28140	5.02	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.40%				
7) Chloroethane-d5	1.92	69	24602	5.02	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%				
11) 1,1-Dichloroethene-d2	2.58	63	44847	3.33	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%				
20) 2-Butanone-d5	4.65	46	123949	44.54	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.08%				
24) Chloroform-d	5.08	84	61595	4.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%				
26) 1,2-Dichloroethane-d4	5.72	65	39187	4.83	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%				
32) Benzene-d6	5.75	84	116753	4.99	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%				
36) 1,2-Dichloropropane-d6	6.70	67	40061	4.67	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.40%				
41) Toluene-d8	7.91	98	93198	4.58	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%				
43) trans-1,3-Dichloropropene-	8.19	79	16005	4.58	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%				
46) 2-Hexanone-d5	8.64	63	86945	42.27	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.54%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36194	4.34	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.80%				
64) 1,2-Dichlorobenzene-d4	12.19	152	38615	5.08	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%				
Target Compounds							Qvalue
3) Chloromethane	1.53	50	14899	1.339	ug/L		99
5) Vinyl chloride	1.61	62	534	0.049	ug/L	#	1
8) Chloroethane	1.94	64	616	0.095	ug/L	#	66
12) 1,1-Dichloroethene	2.58	96	574	0.067	ug/L	#	1
13) Acetone	2.66	43	7866	3.392	ug/L		96
15) Methyl Acetate	2.98	43	758	0.136	ug/L	#	56
25) Chloroform	5.11	83	3430	0.184	ug/L		88
34) Trichloroethene	6.55	95	4879	0.470	ug/L		91
35) Methylcyclohexane	6.70	83	8983	0.591	ug/L	#	14
37) 1,2-Dichloropropane	6.70	63	4541	0.417	ug/L	#	88
44) trans-1,3-Dichloropropene	8.19	75	757	0.056	ug/L	#	1
45) 1,1,2-Trichloroethane	8.56	97	1598	0.210	ug/L	#	7
47) Tetrachloroethene	8.56	164	162282	22.038	ug/L		98
49) Dibromochloromethane	8.56	129	161298	18.181	ug/L	#	10
59) 1,2,3-Trichloropropane	11.81	75	6686	0.848	ug/L		91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040515.D
Acq On : 05 Oct 2020 17:27
Operator : SY/MD
Sample : L4266-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA0

Quant Time: Oct 06 07:54:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100520\
Data File : VU040515.D
Acq On : 05 Oct 2020 17:27
Operator : SY/MD
Sample : L4266-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

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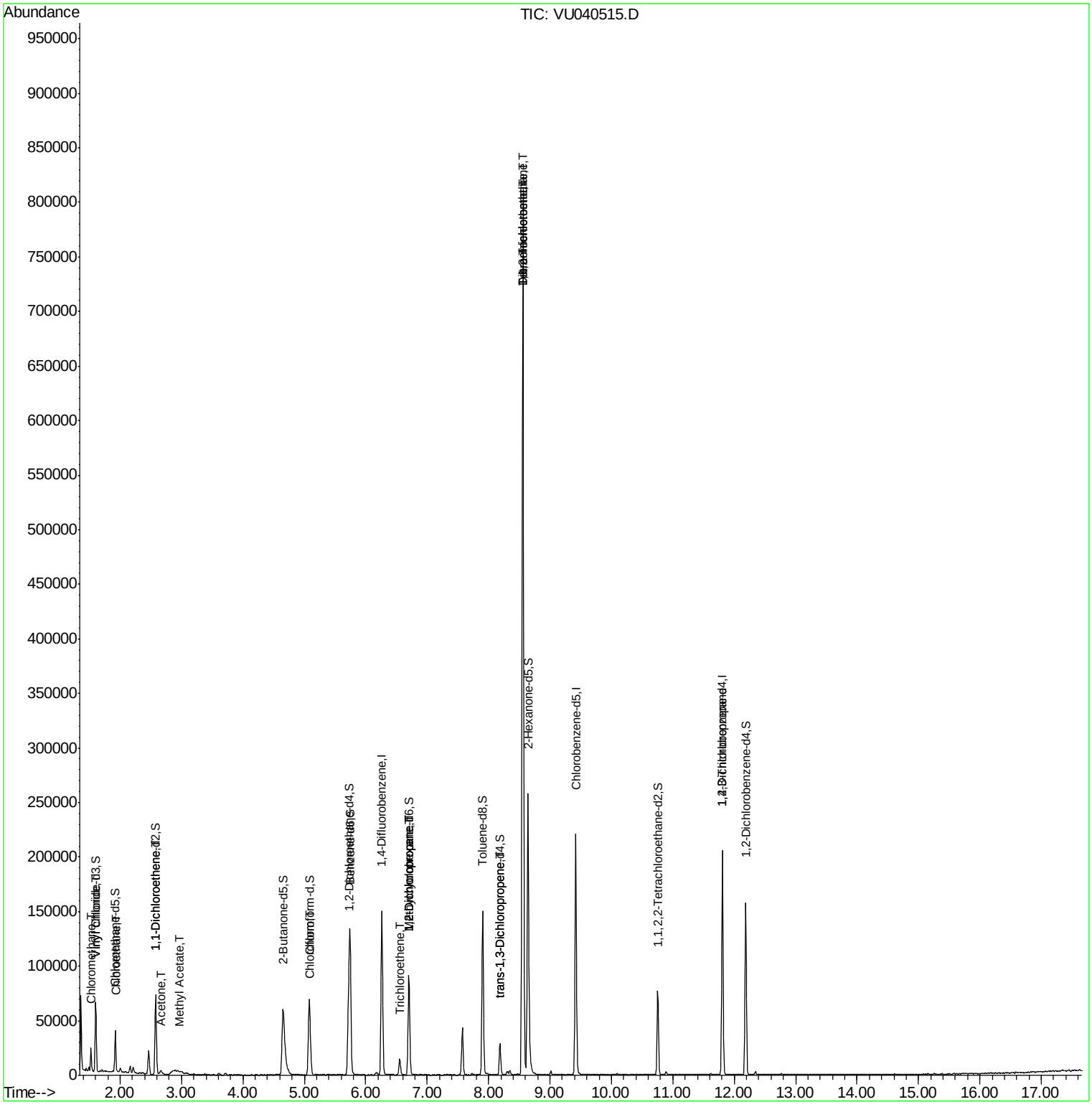
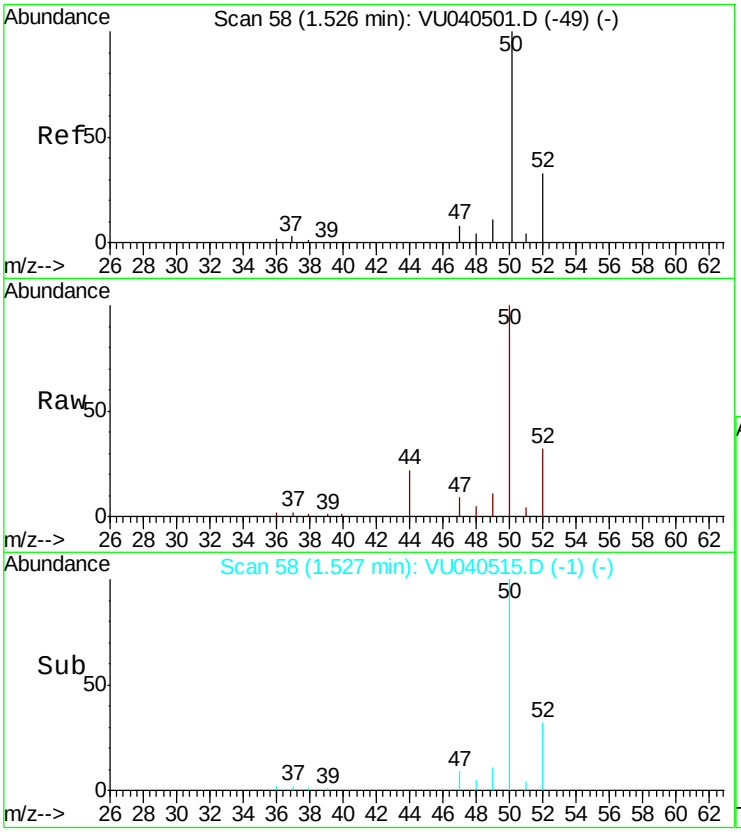
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration



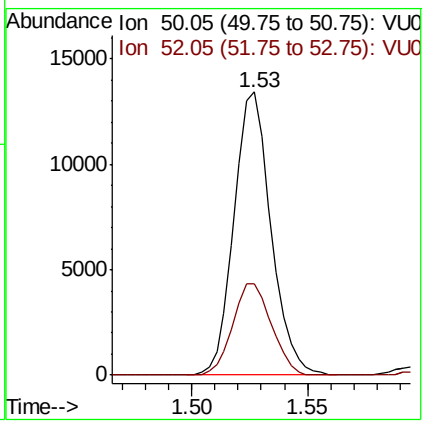


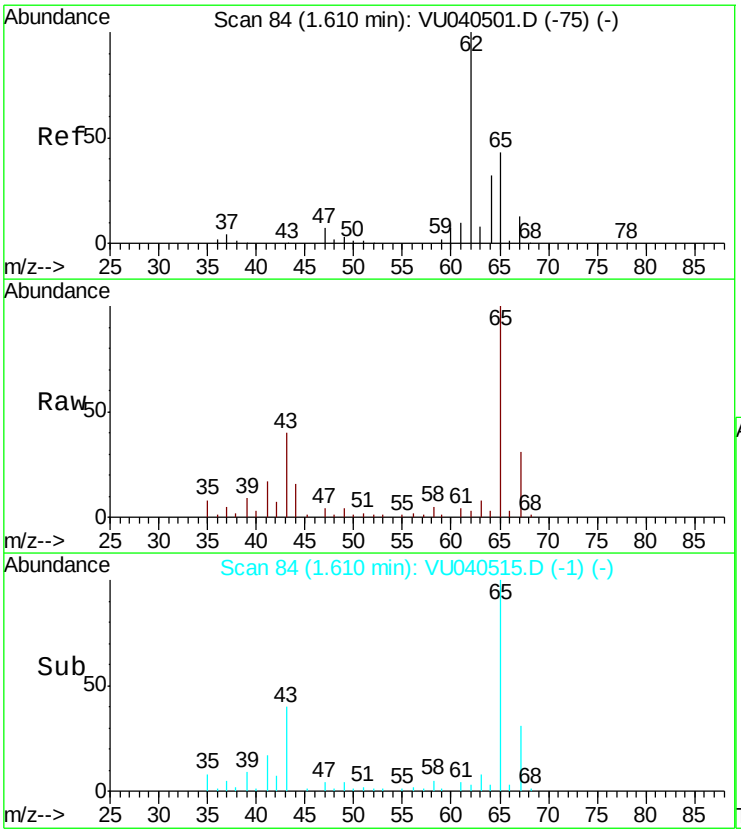
#3
Chloromethane
Concen: 1.339 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

Tgt Ion: 50 Resp: 14899

Ion	Ratio	Lower	Upper
50	100		
52	32.2	23.0	42.6

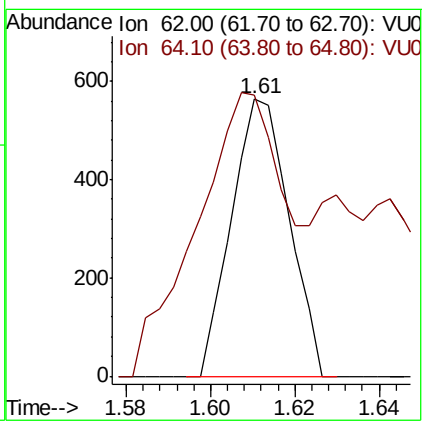


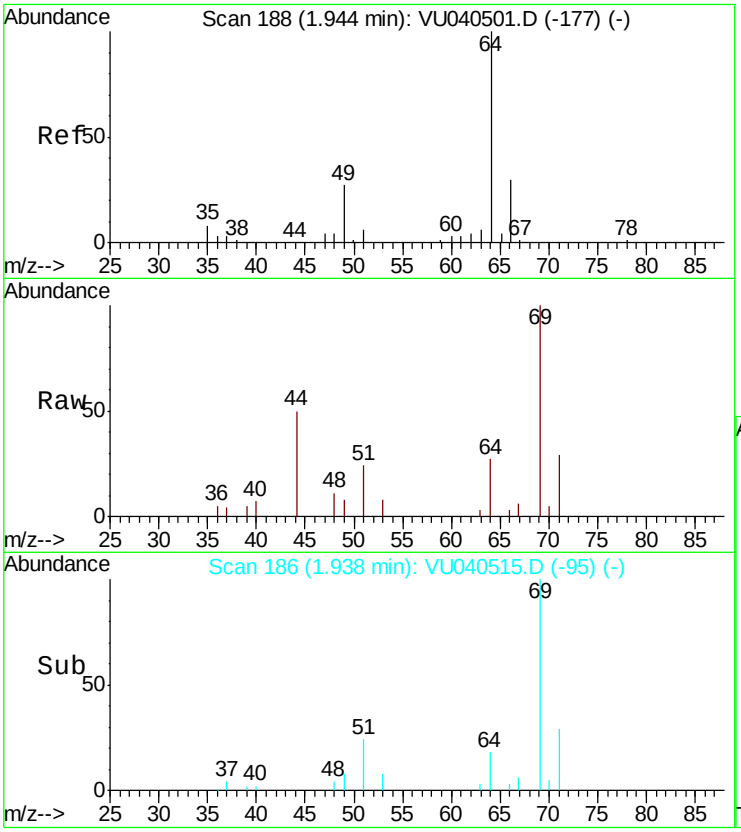


#5
Vinyl chloride
Concen: 0.049 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion: 62 Resp: 534

Ion	Ratio	Lower	Upper
62	100		
64	101.4	23.0	42.8#



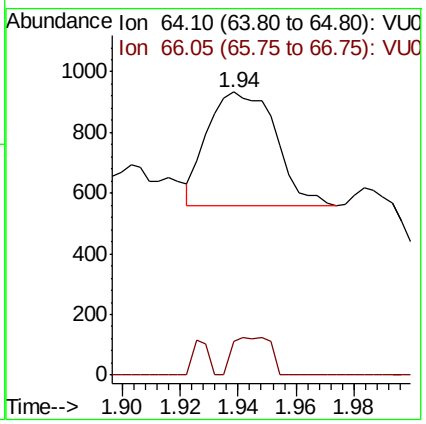


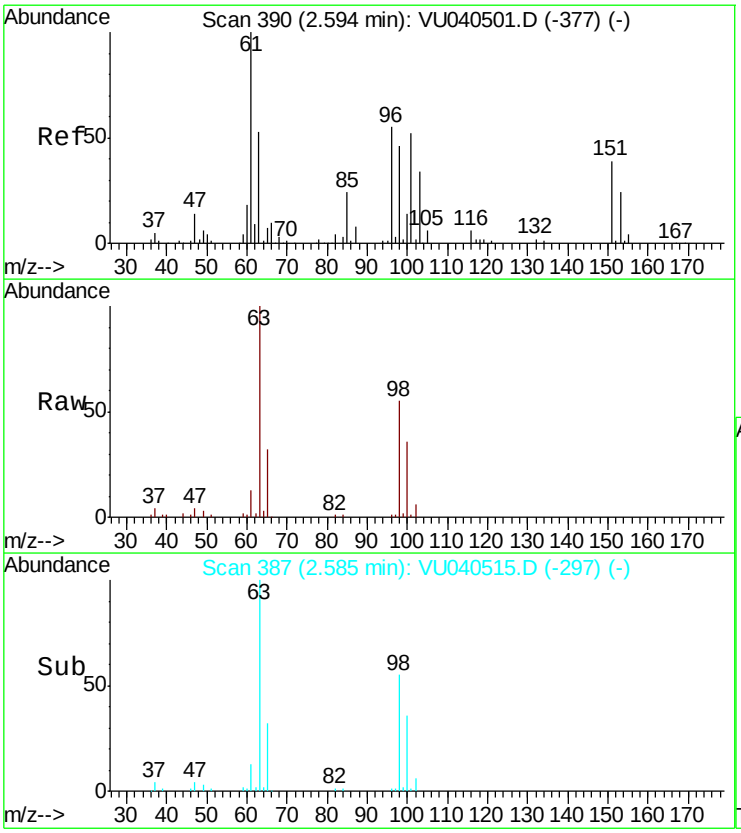
#8
Chloroethane
Concen: 0.095 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.01 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

Tgt Ion: 64 Resp: 616

Ion	Ratio	Lower	Upper
64	100		
66	12.1	21.3	39.6#

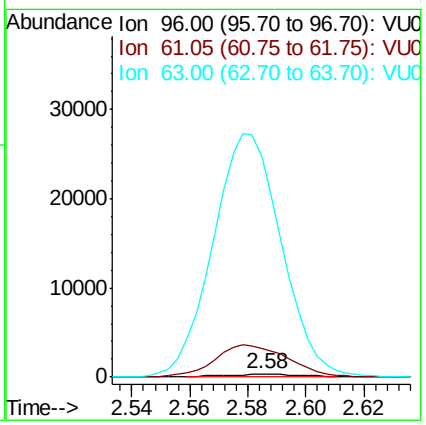


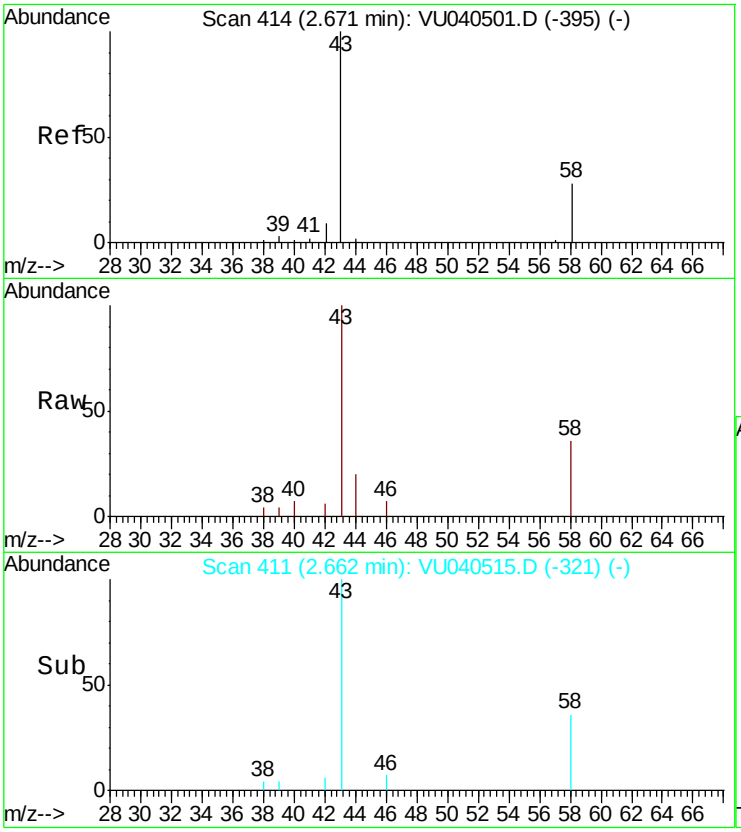


#12
1,1-Dichloroethene
Concen: 0.067 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion: 96 Resp: 574

Ion	Ratio	Lower	Upper
96	100		
61	946.4	128.6	238.8#
63	7345.2	67.8	126.0#



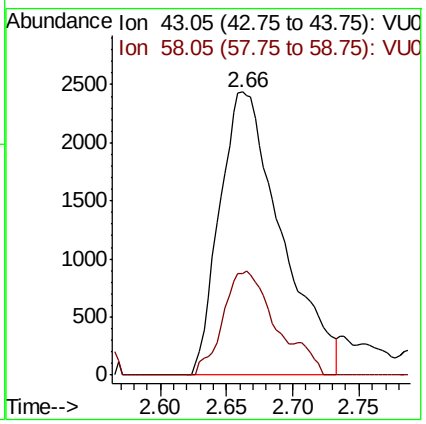


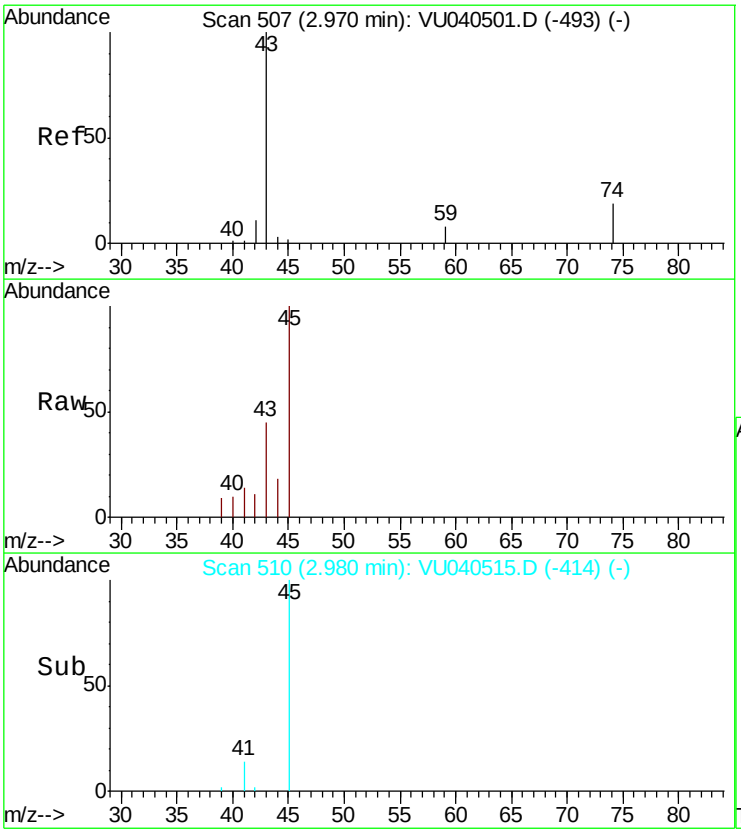
#13
Acetone
Concen: 3.392 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument : MSVOA_U
ClientSampleId : BFSA0

Tgt Ion: 43 Resp: 7866

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	61.8

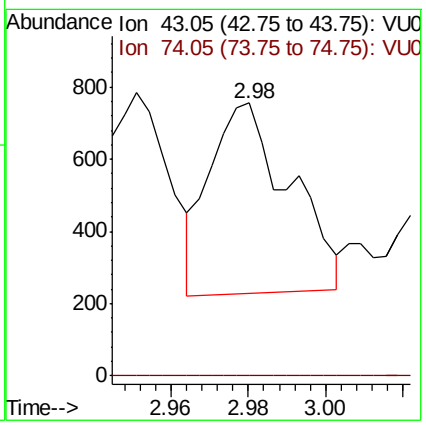


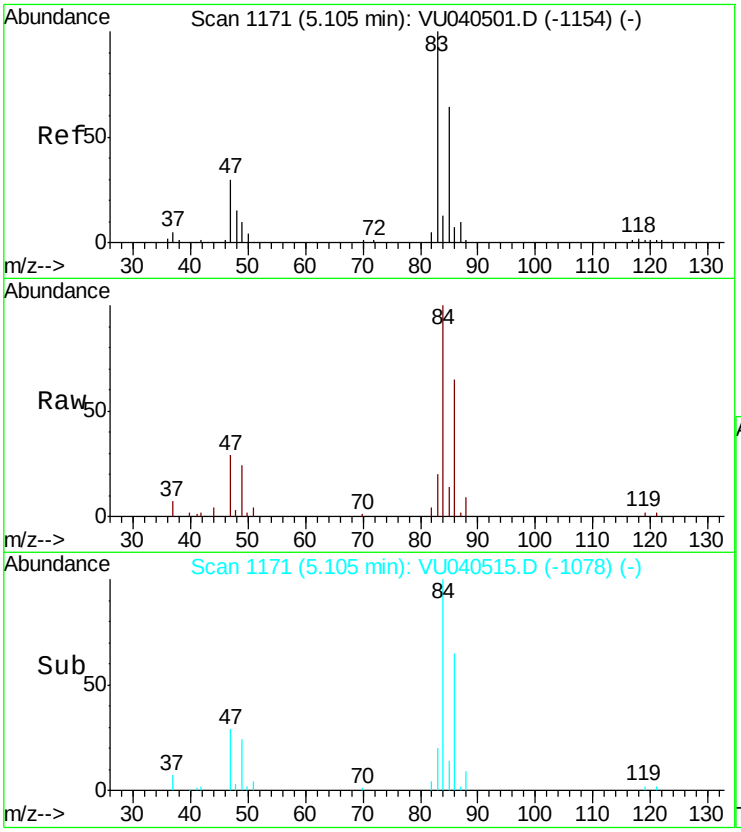


#15
Methyl Acetate
Concen: 0.136 ug/L
RT: 2.98 min Scan# 510
Delta R.T. 0.01 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion: 43 Resp: 758

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



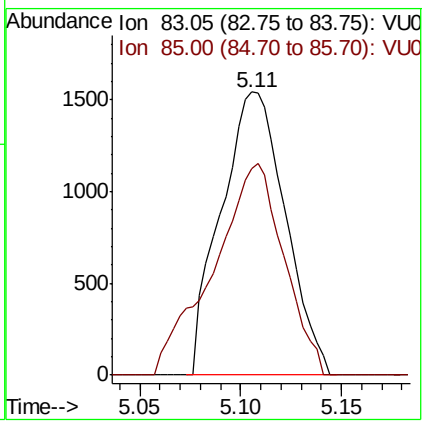


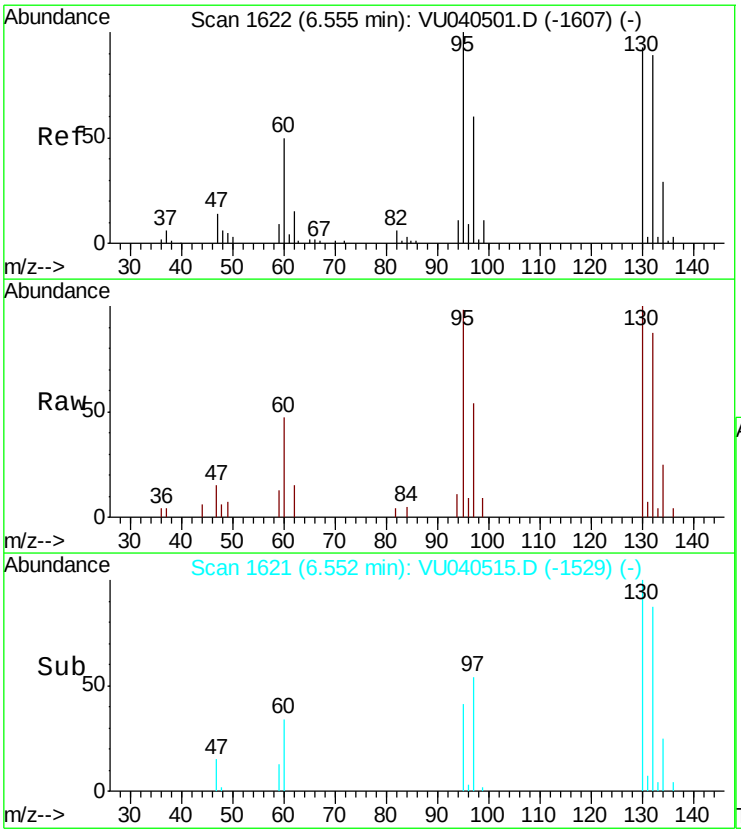
#25
Chloroform
Concen: 0.184 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

Tgt Ion: 83 Resp: 3430

Ion	Ratio	Lower	Upper
83	100		
85	72.8	44.6	82.8

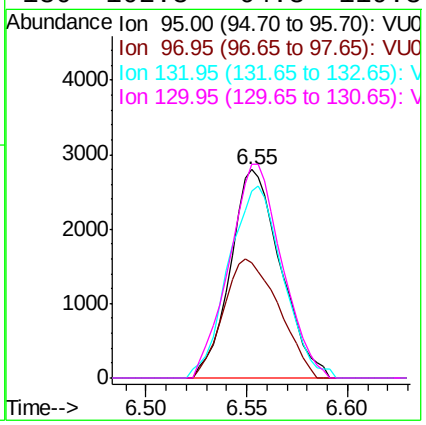


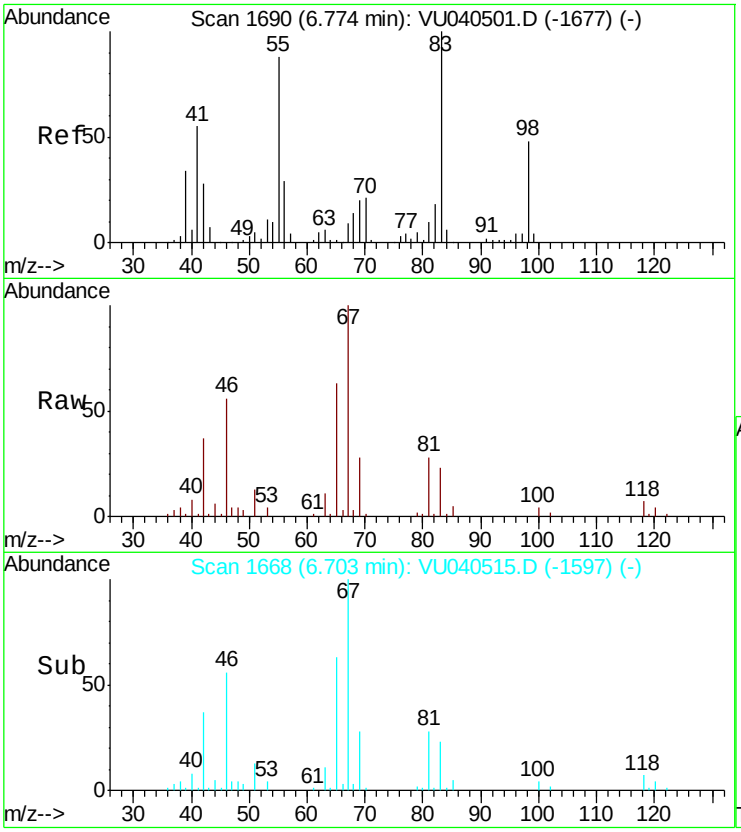


#34
Trichloroethene
Concen: 0.470 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion: 95 Resp: 4879

Ion	Ratio	Lower	Upper
95	100		
97	55.1	46.3	85.9
132	89.5	60.5	112.3
130	102.3	64.3	119.3



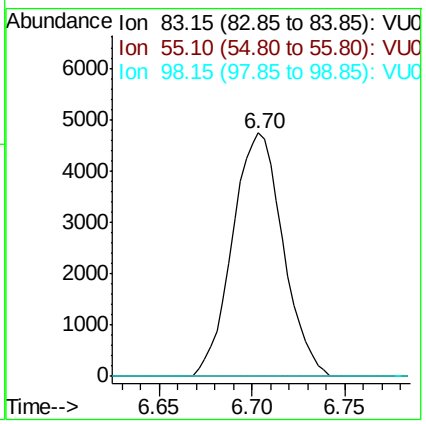


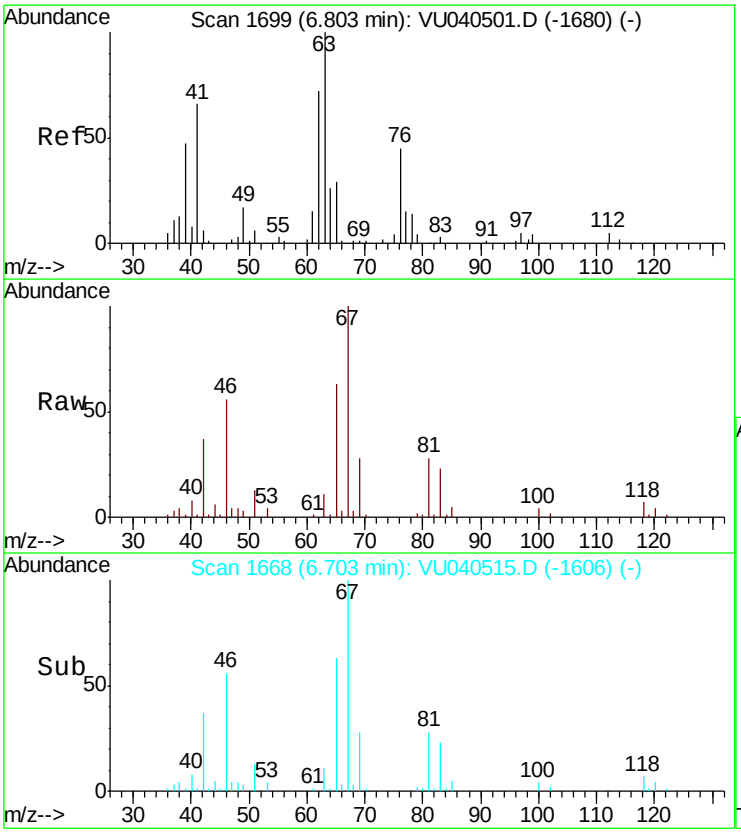
#35
Methylcyclohexane
Concen: 0.591 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

Tgt Ion: 83 Resp: 8983

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.4	107.2#
98	0.7	38.5	57.7#

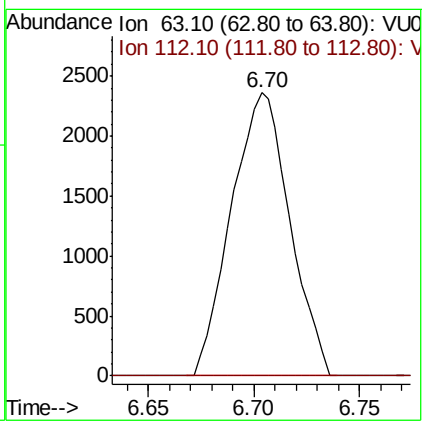


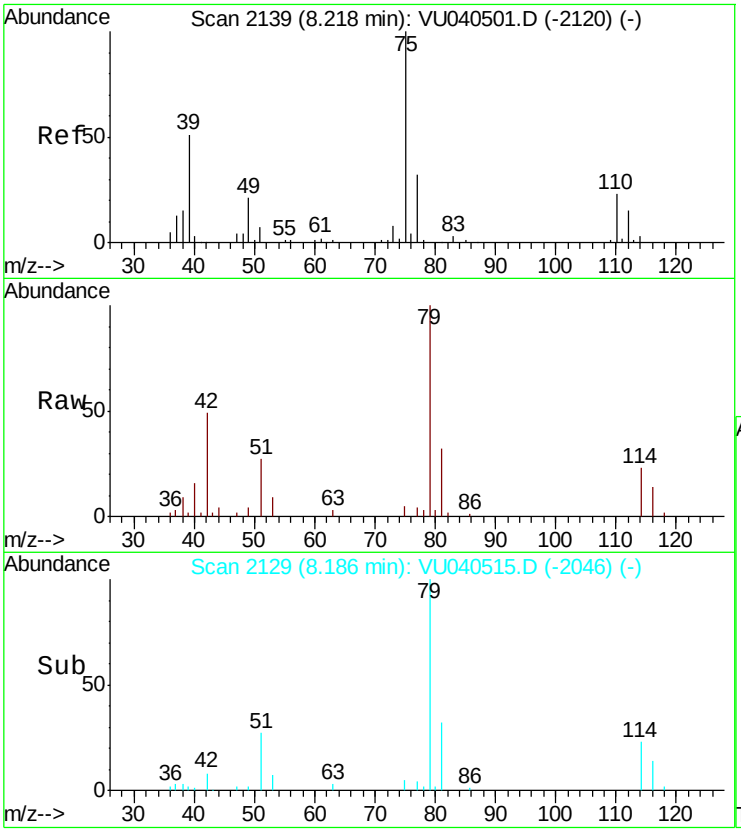


#37
1,2-Dichloropropane
Concen: 0.417 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion: 63 Resp: 4541

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



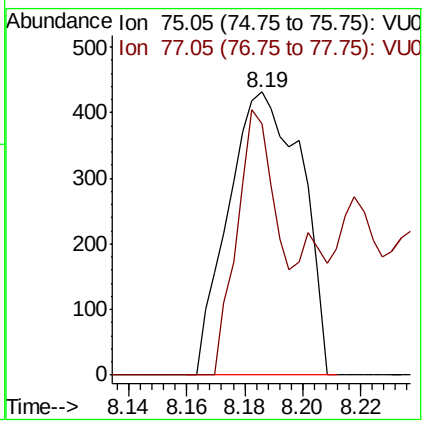


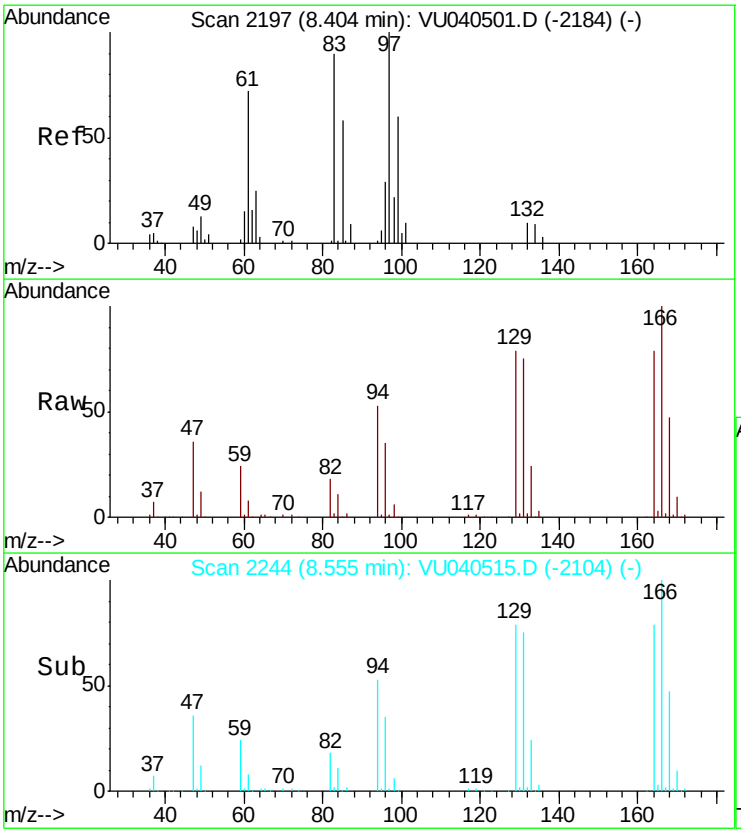
#44
trans-1,3-Dichloropropene
Concen: 0.056 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument : MSVOA_U
ClientSampleId : BFSA0

Tgt Ion: 75 Resp: 757

Ion	Ratio	Lower	Upper
75	100		
77	88.9	22.3	41.3#

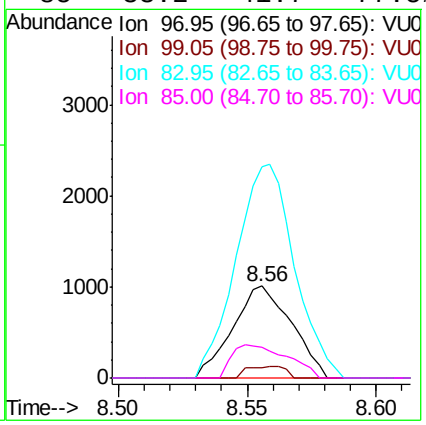


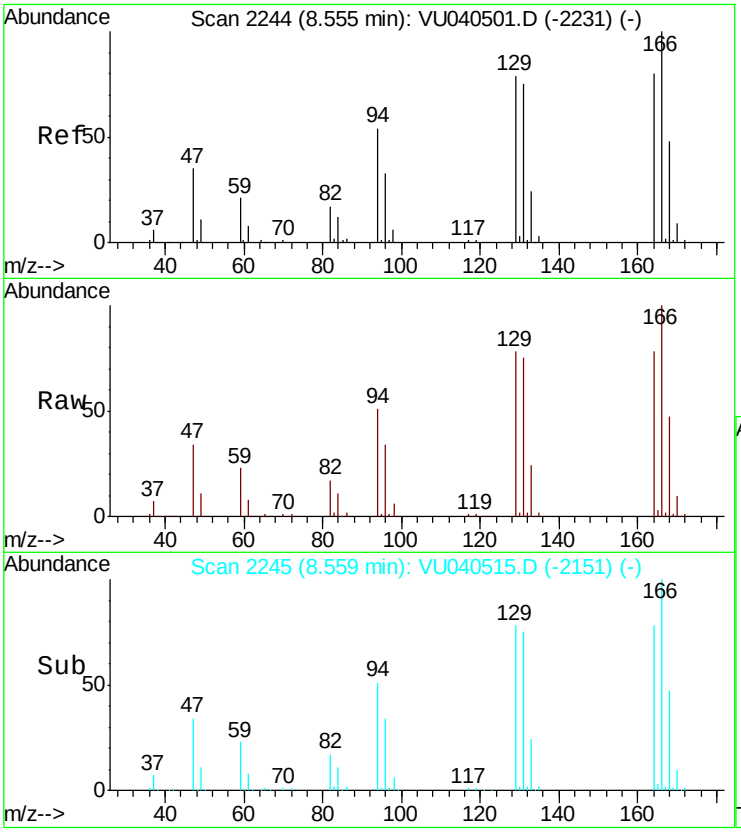


#45
1,1,2-Trichloroethane
Concen: 0.210 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.15 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion: 97 Resp: 1598

Ion	Ratio	Lower	Upper
97	100		
99	11.3	45.8	85.0#
83	230.1	62.9	116.9#
85	33.2	41.7	77.5#



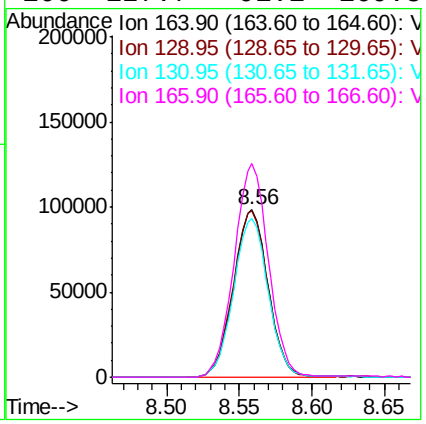


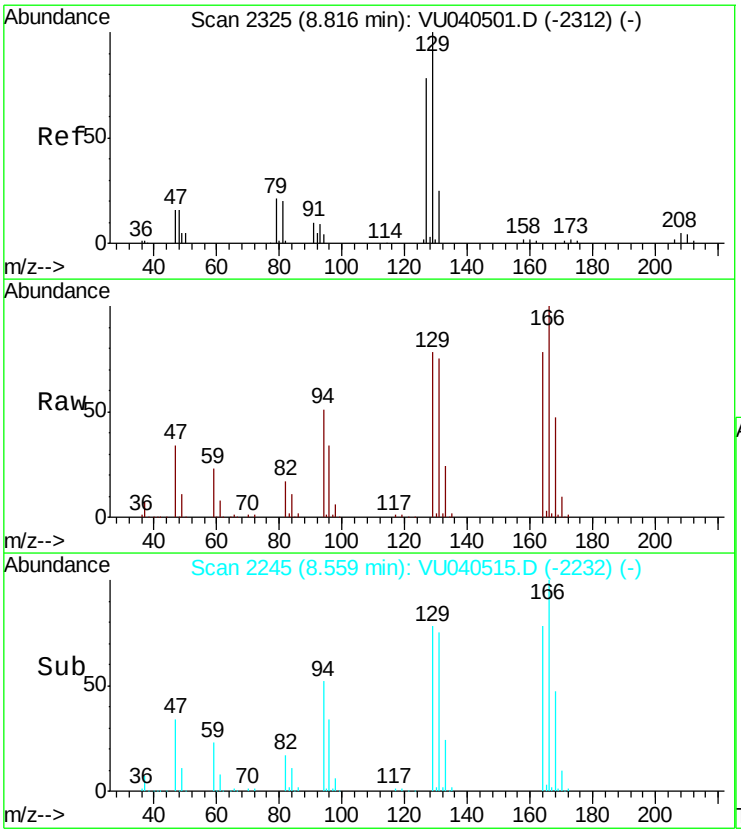
#47
Tetrachloroethene
Concen: 22.038 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

Tgt Ion:164 Resp: 162282

Ion	Ratio	Lower	Upper
164	100		
129	99.4	70.3	130.7
131	95.3	69.2	128.6
166	127.7	91.1	169.3

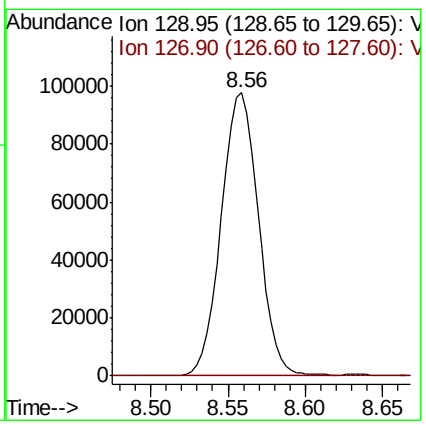


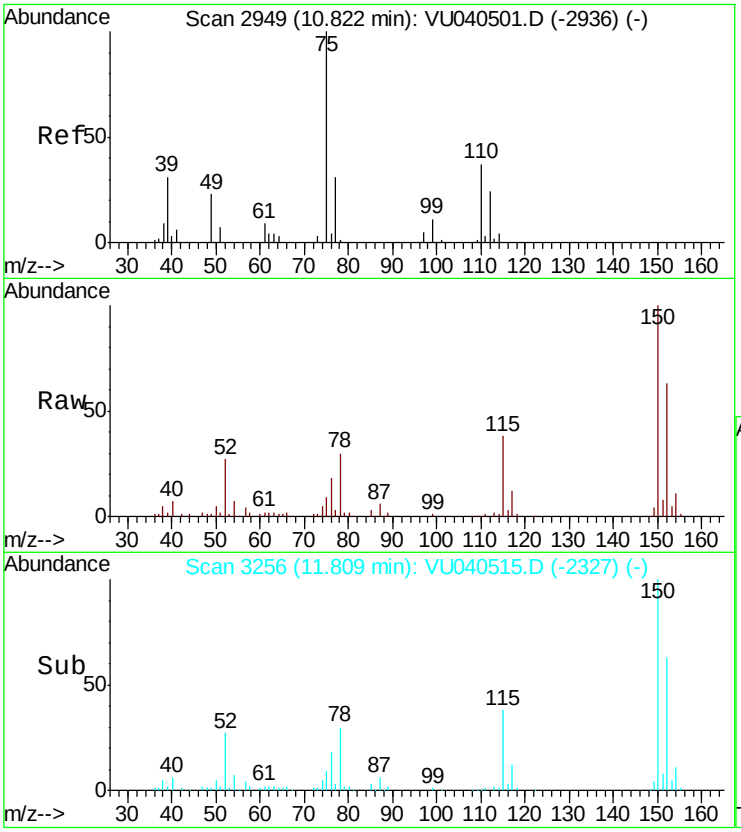


#49
Dibromochloromethane
Concen: 18.181 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Tgt Ion:129 Resp: 161298

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#





#59
1,2,3-Trichloropropane
Concen: 0.848 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040515.D
Acq: 05 Oct 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
BFSA0

Tgt Ion: 75 Resp: 6686

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.7	38.5