Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040507.D
Acq On : 05 Oct 2020 14:11
Operator : SY/MD
Sample : L4266-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA2

Quant Time: Oct 06 07:53:18 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	124802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57668	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	30146	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.93	69	27430	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.58	63	49851	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.66	46	139863	45.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.14%			
24) Chloroform-d	5.08	84	68514	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.72	65	44452	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.74	84	129304	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.70	67	43436	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.91	98	107593	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17806	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.64	63	95236	41.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.38%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39348	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43294	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2375	0.193	ug/L	91
8) Chloroethane	1.94	64	624	0.087	ug/L #	73
13) Acetone	2.67	43	10853	4.244	ug/L	92
14) Carbon disulfide	2.81	76	1466	0.049	ug/L #	86
15) Methyl Acetate	2.98	43	7120	1.156	ug/L #	56
25) Chloroform	5.11	83	3335	0.162	ug/L	99
27) 1,2-Dichloroethane	5.74	62	858	0.060	ug/L #	74
33) Benzene	5.79	78	1534	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	9808	0.581	ug/L #	14
39) cis-1,3-Dichloropropene	7.58	75	1354	0.084	ug/L #	63
42) Toluene	7.97	91	1836	0.041	ug/L	92
47) Tetrachloroethene	8.56	164	33674	4.118	ug/L	98
48) 2-Hexanone	8.64	43	13662	1.959	ug/L #	71
49) Dibromochloromethane	8.56	129	34215	3.473	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7273	0.830	ug/L #	83

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040507.D
Acq On : 05 Oct 2020 14:11
Operator : SY/MD
Sample : L4266-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA2

Quant Time: Oct 06 07:53:18 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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040507.D
Acq On : 05 Oct 2020 14:11
Operator : SY/MD
Sample : L4266-04
Misc : 25.0mL/MSVOA_U/WATER
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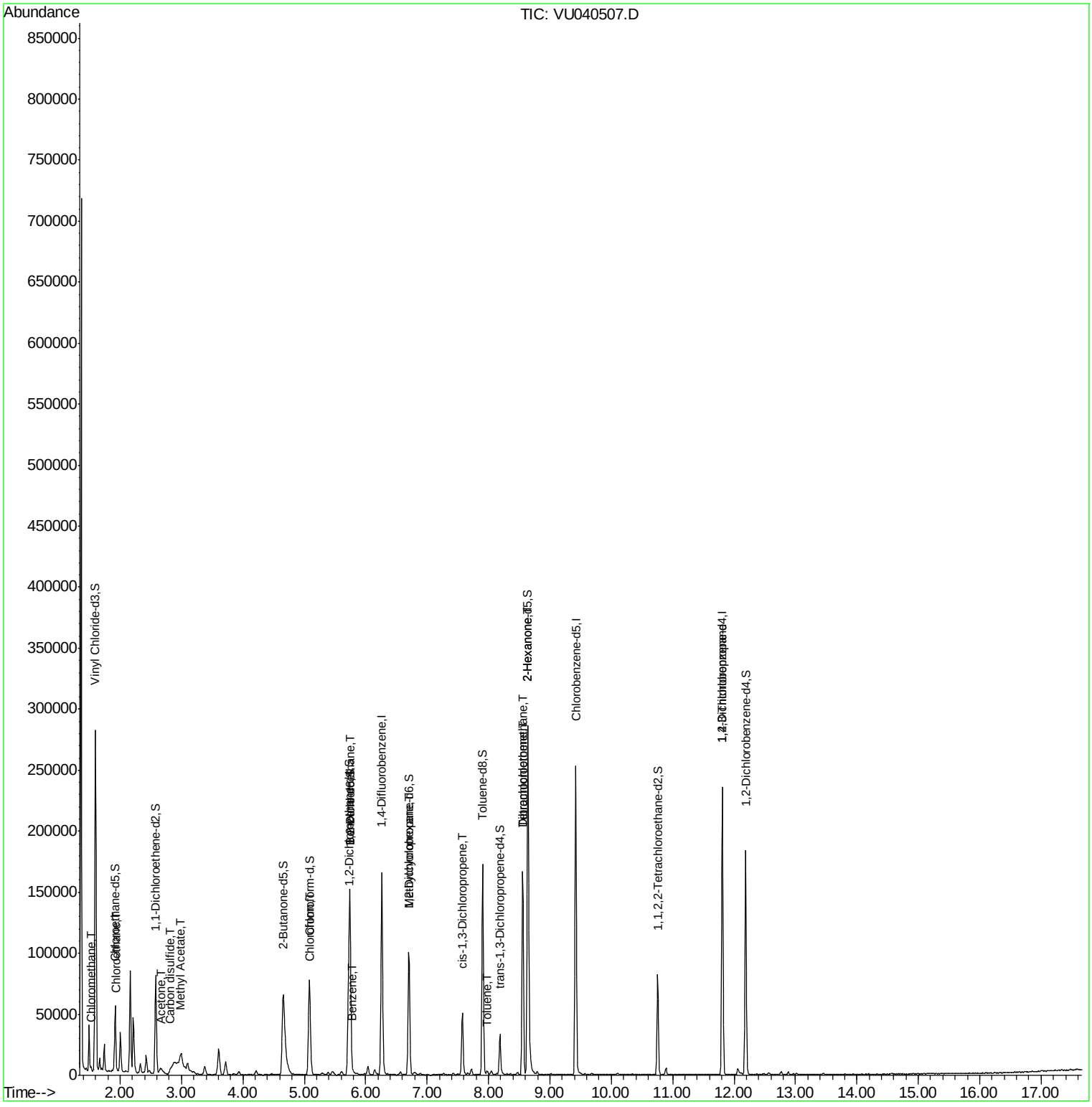
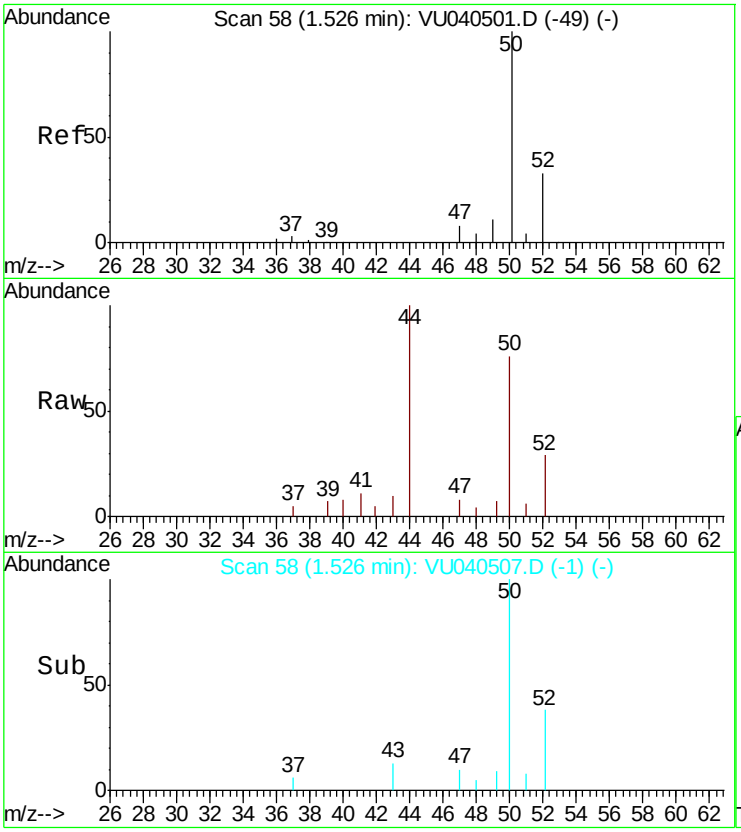
BFSA2

Quant Time: Oct 06 07:53:18 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



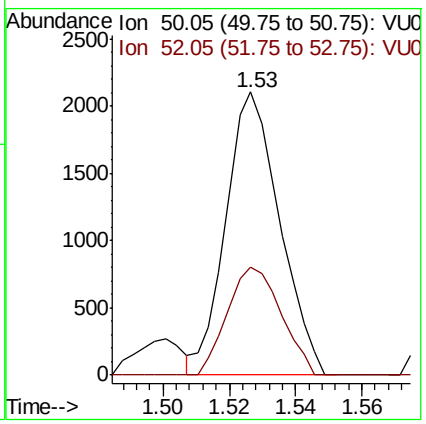


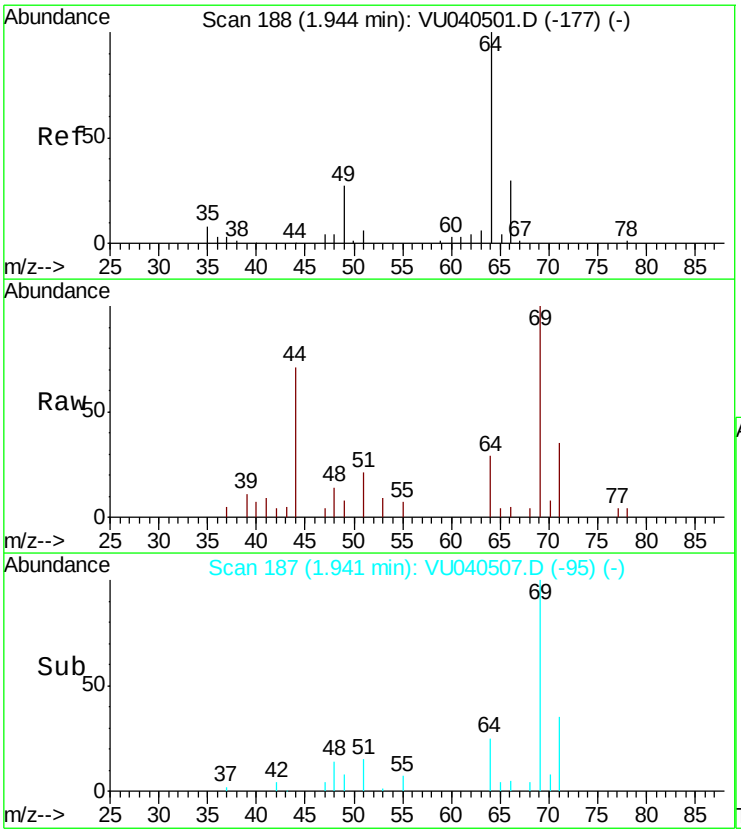
#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

Tgt Ion: 50 Resp: 2375

Ion	Ratio	Lower	Upper
50	100		
52	38.1	23.0	42.6

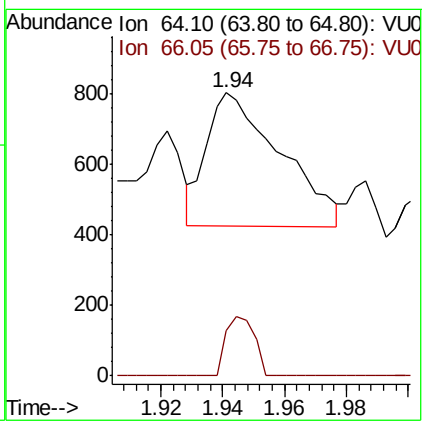


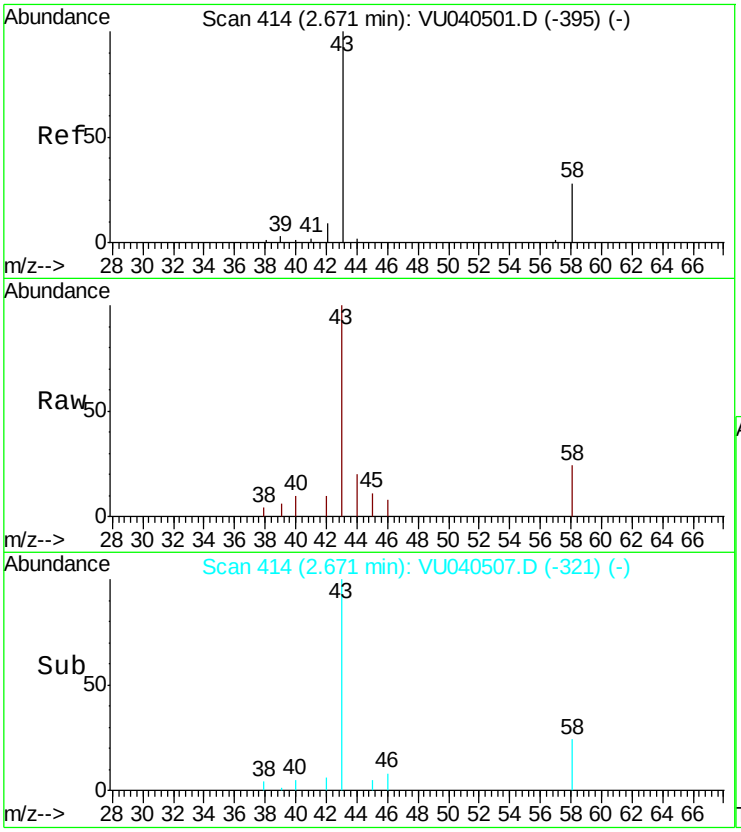


#8
Chloroethane
Concen: 0.087 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion: 64 Resp: 624

Ion	Ratio	Lower	Upper
64	100		
66	15.8	21.3	39.6#



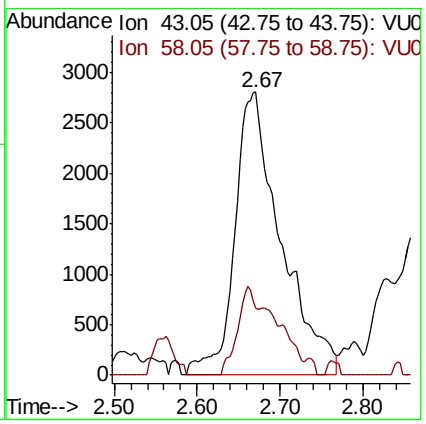


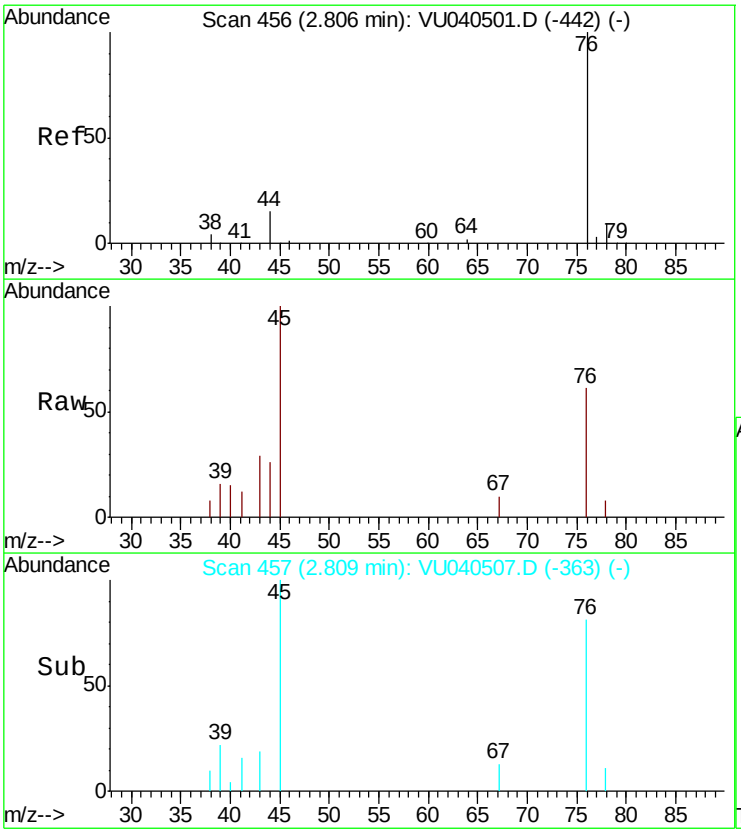
#13
Acetone
Concen: 4.244 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

Tgt Ion: 43 Resp: 10853

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	61.8

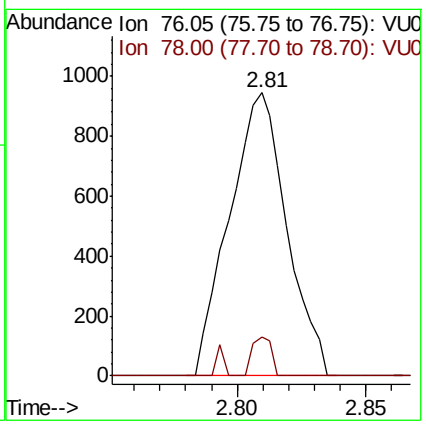


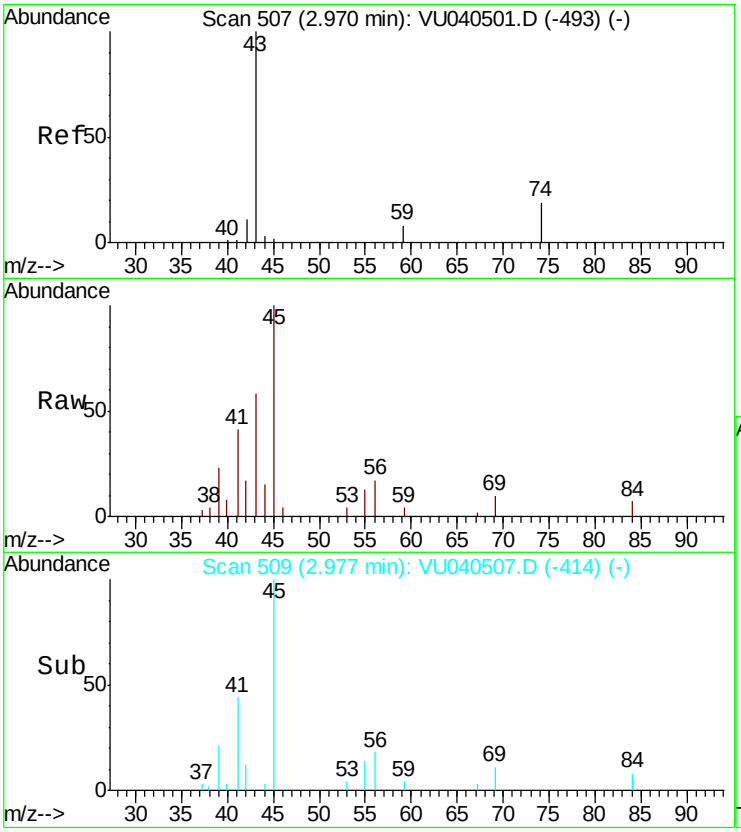


#14
Carbon disulfide
Concen: 0.049 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion: 76 Resp: 1466

Ion	Ratio	Lower	Upper
76	100		
78	14.0	7.2	10.8#



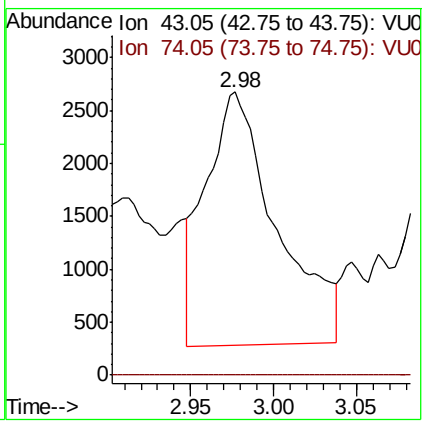


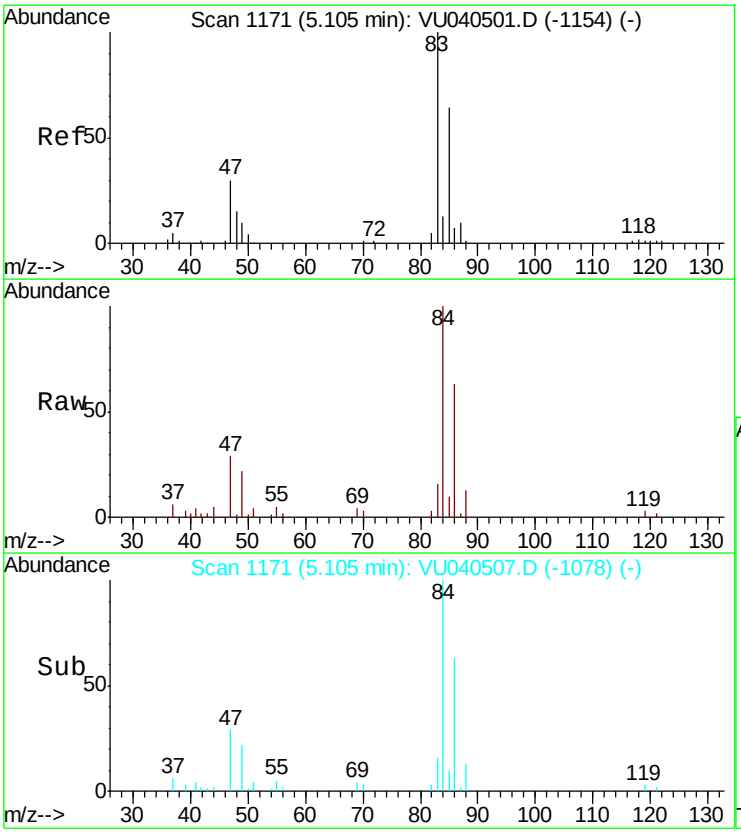
#15
Methyl Acetate
Concen: 1.156 ug/L
RT: 2.98 min Scan# 509
Delta R.T. 0.01 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BFSA2

Tgt Ion: 43 Resp: 7120

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#

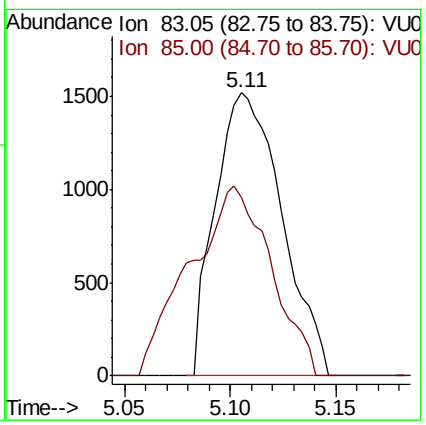


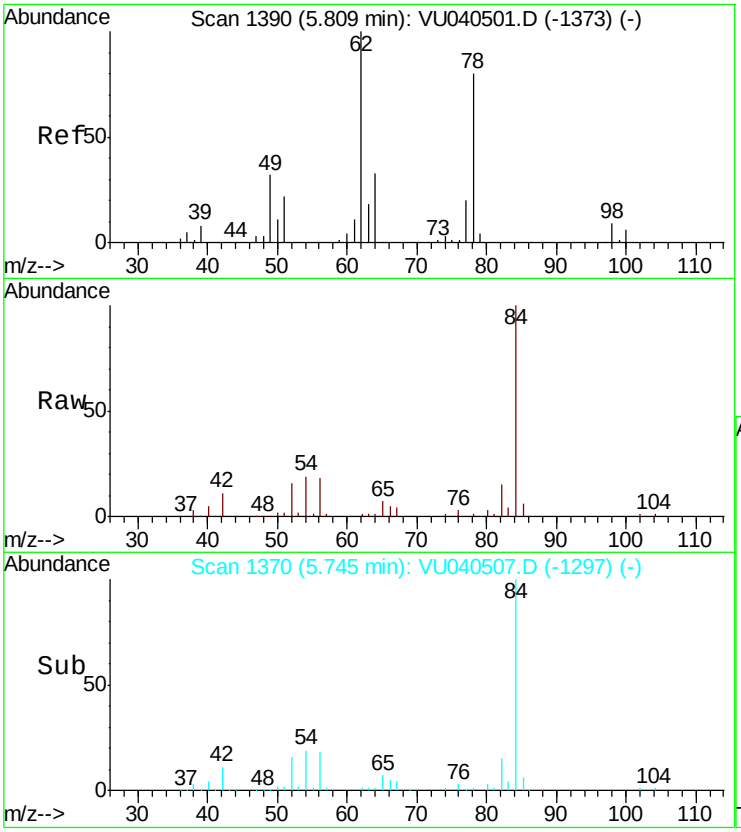


#25
Chloroform
Concen: 0.162 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion: 83 Resp: 3335

Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.6	82.8



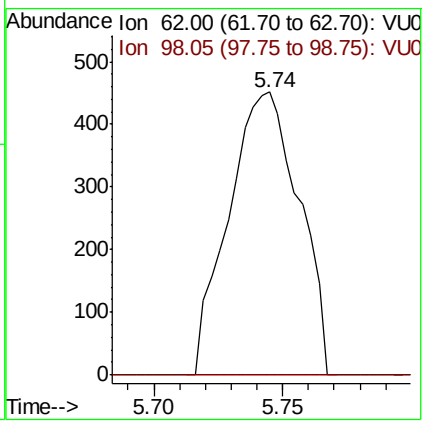


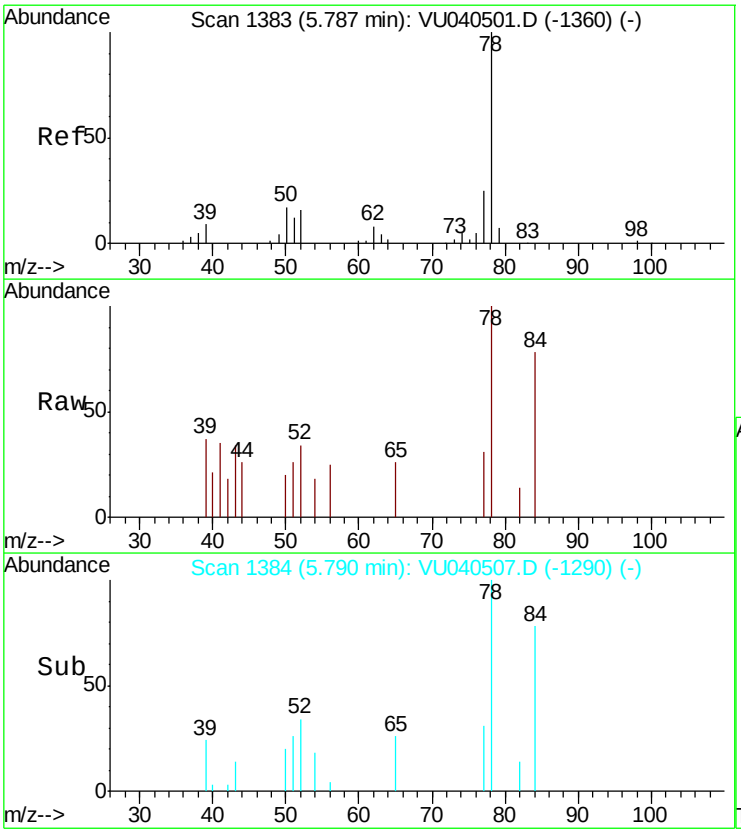
#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

Tgt Ion: 62 Resp: 858

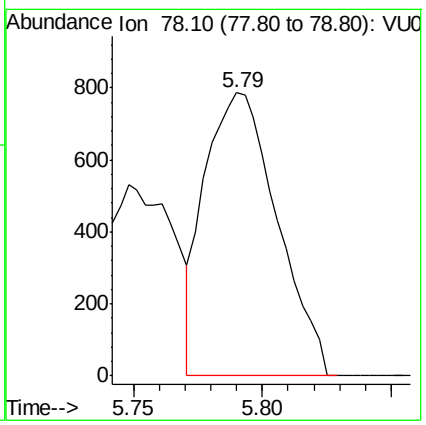
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

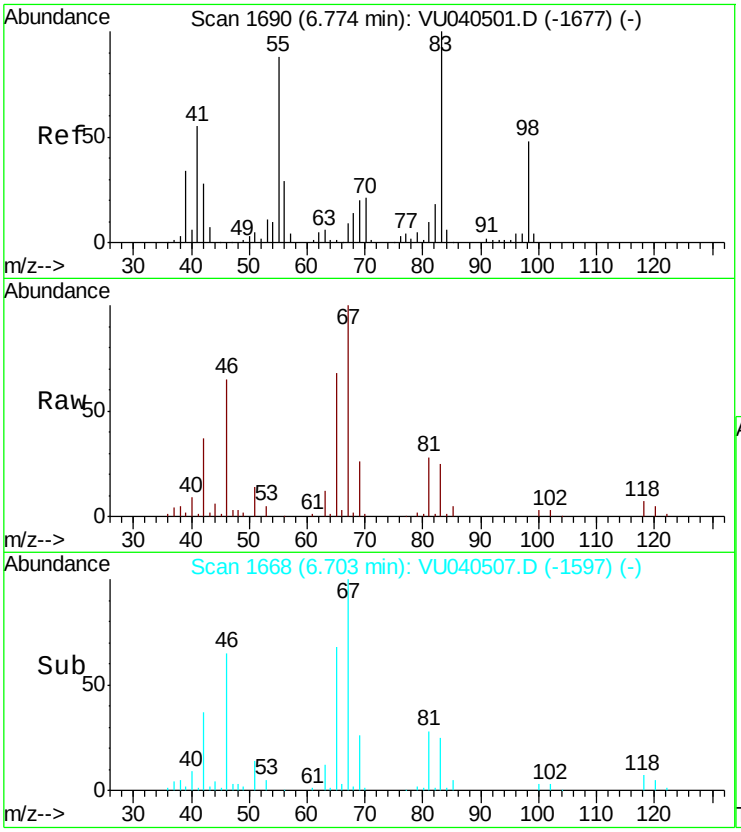




#33
Benzene
Concen: 0.035 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion: 78 Resp: 1534



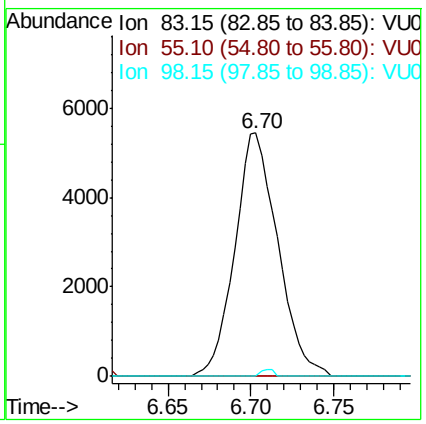


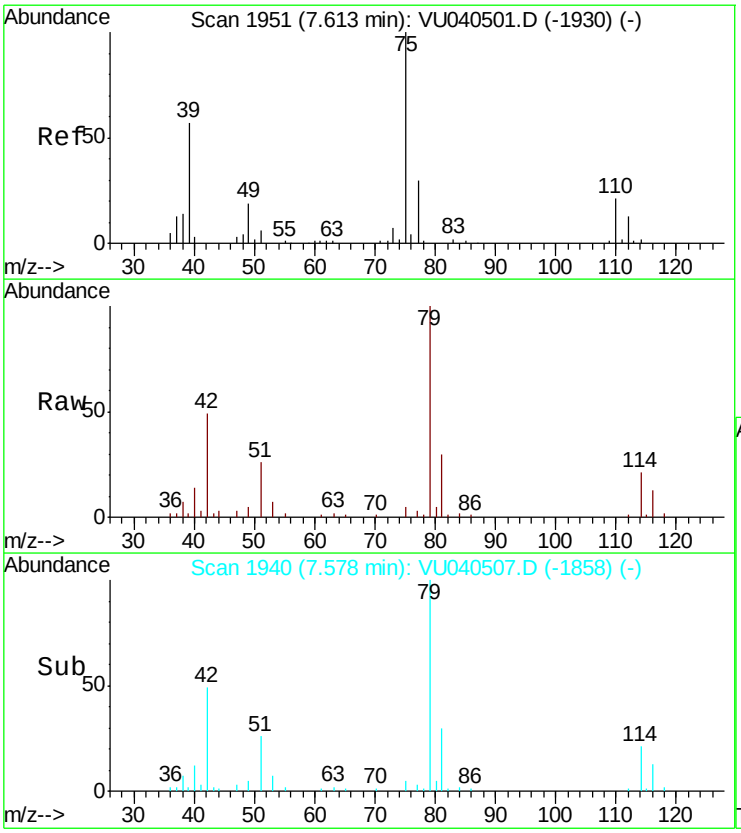
#35
Methylcyclohexane
Concen: 0.581 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BFSA2

Tgt Ion: 83 Resp: 9808

Ion	Ratio	Lower	Upper
83	100		
55	0.7	71.4	107.2#
98	0.8	38.5	57.7#

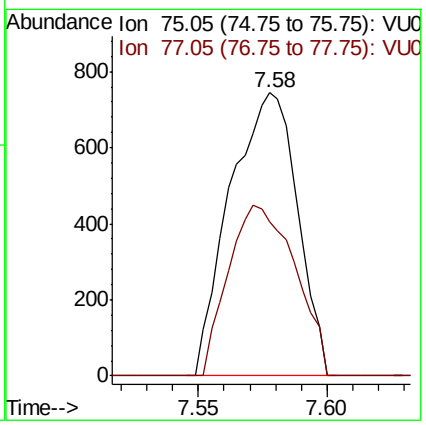


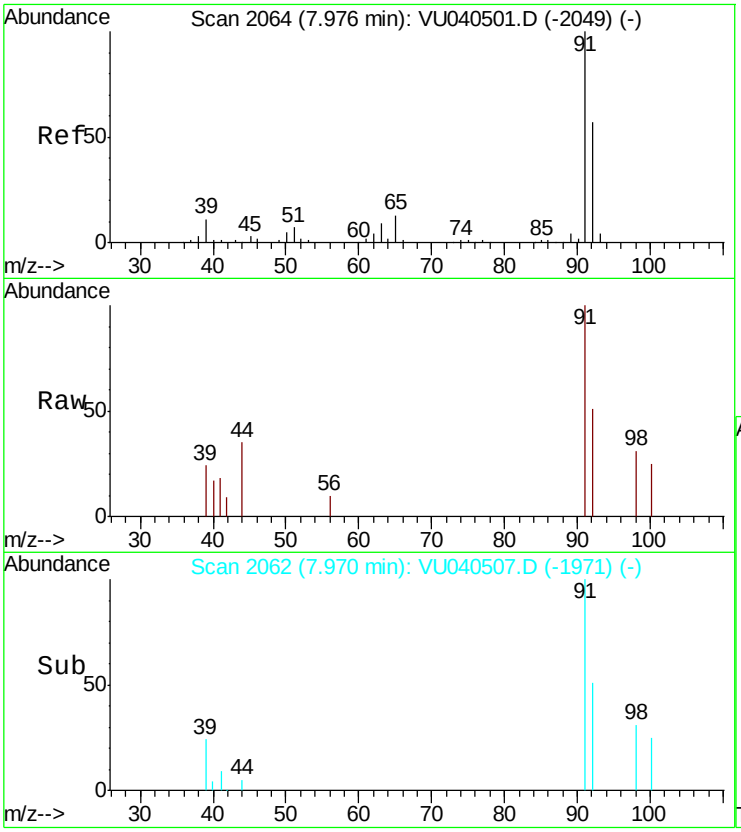


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion: 75 Resp: 1354

Ion	Ratio	Lower	Upper
75	100		
77	54.6	23.5	43.7#



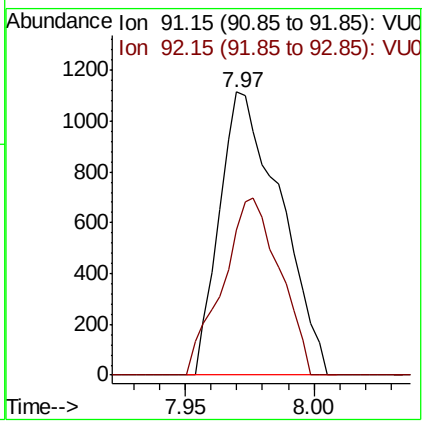


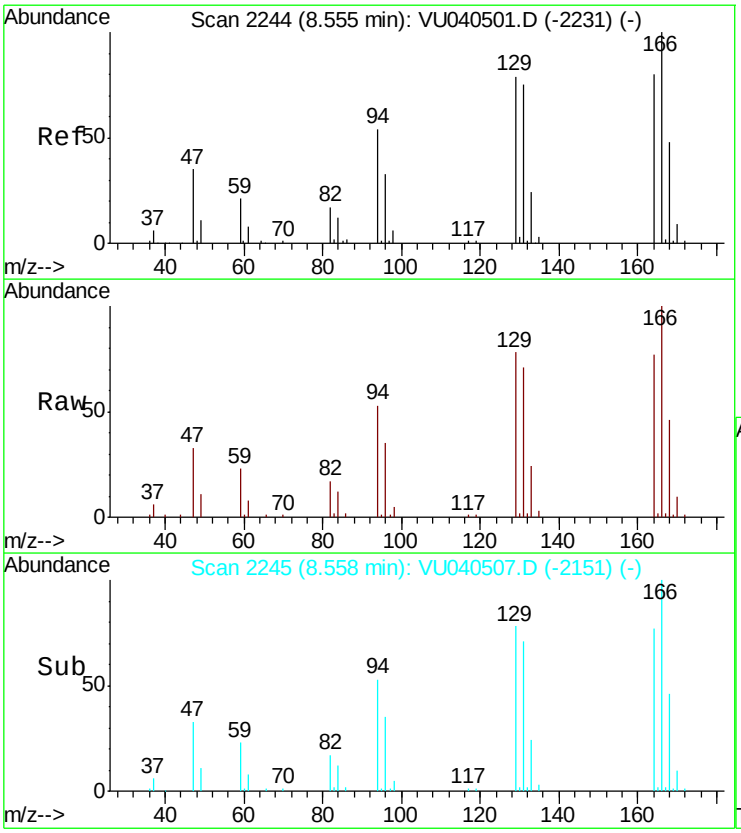
#42
Toluene
Concen: 0.041 ug/L
RT: 7.97 min Scan# 2062
Delta R.T. -0.01 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

Tgt Ion: 91 Resp: 1836

Ion	Ratio	Lower	Upper
91	100		
92	51.2	40.0	74.4

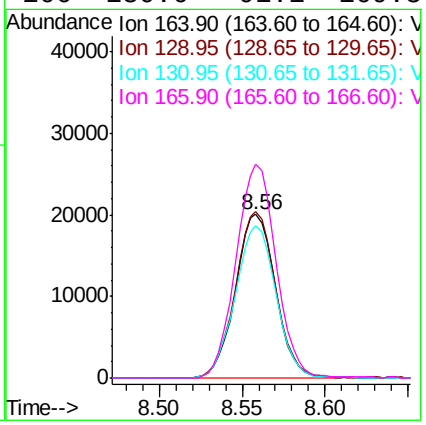


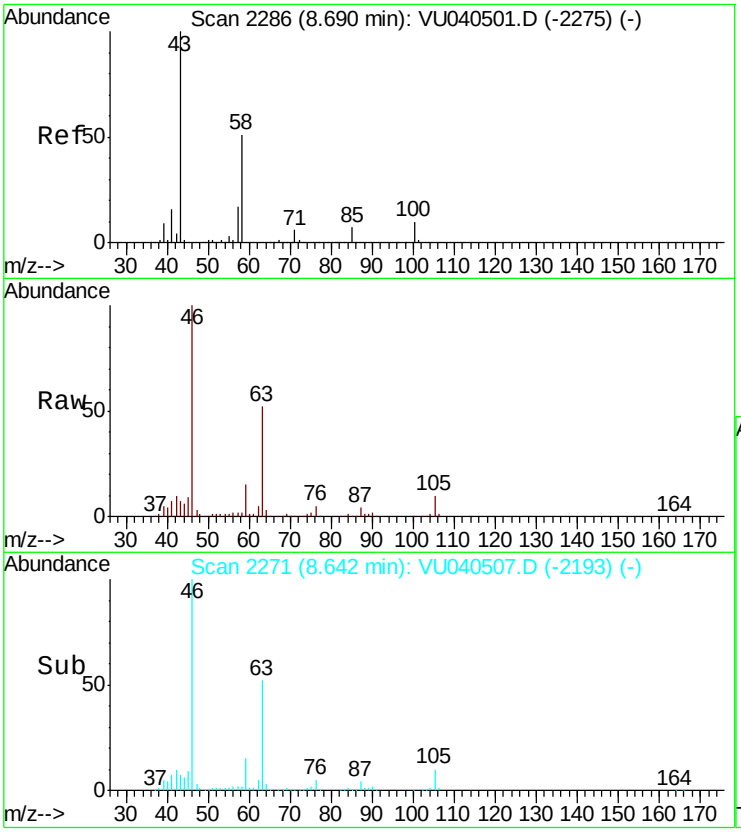


#47
Tetrachloroethene
Concen: 4.118 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion:164 Resp: 33674

Ion	Ratio	Lower	Upper
164	100		
129	102.2	70.3	130.7
131	93.1	69.2	128.6
166	130.6	91.1	169.3



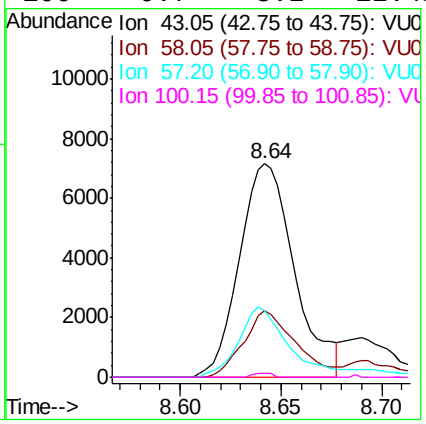


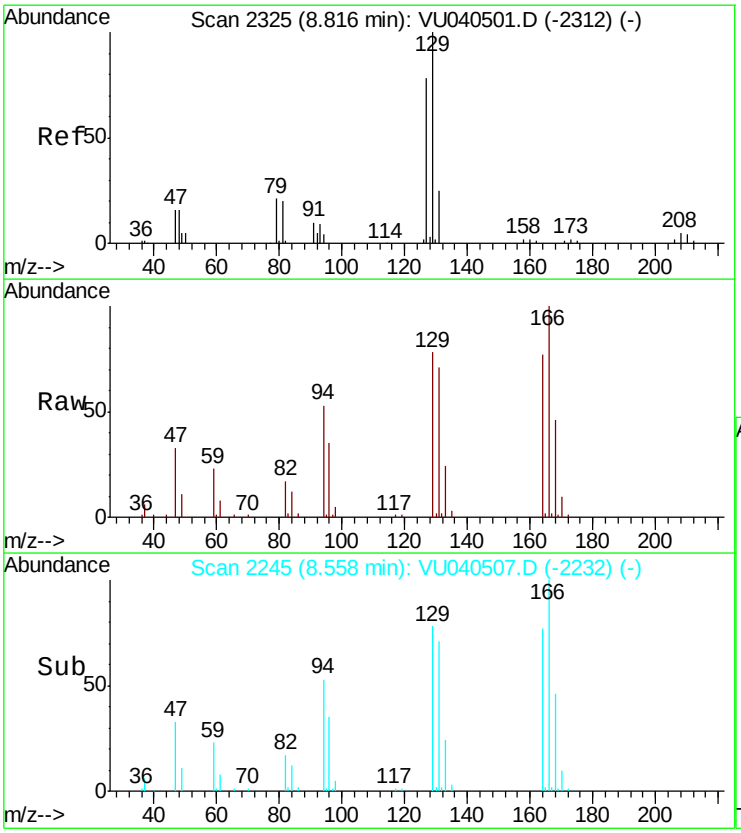
#48
2-Hexanone
Concen: 1.959 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument : MSVOA_U
ClientSampleId : BFSA2

Tgt Ion: 43 Resp: 13662

Ion	Ratio	Lower	Upper
43	100		
58	29.5	41.0	61.4#
57	29.8	14.6	22.0#
100	0.7	8.2	12.4#

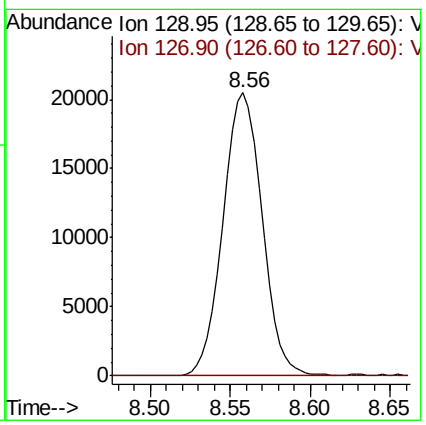


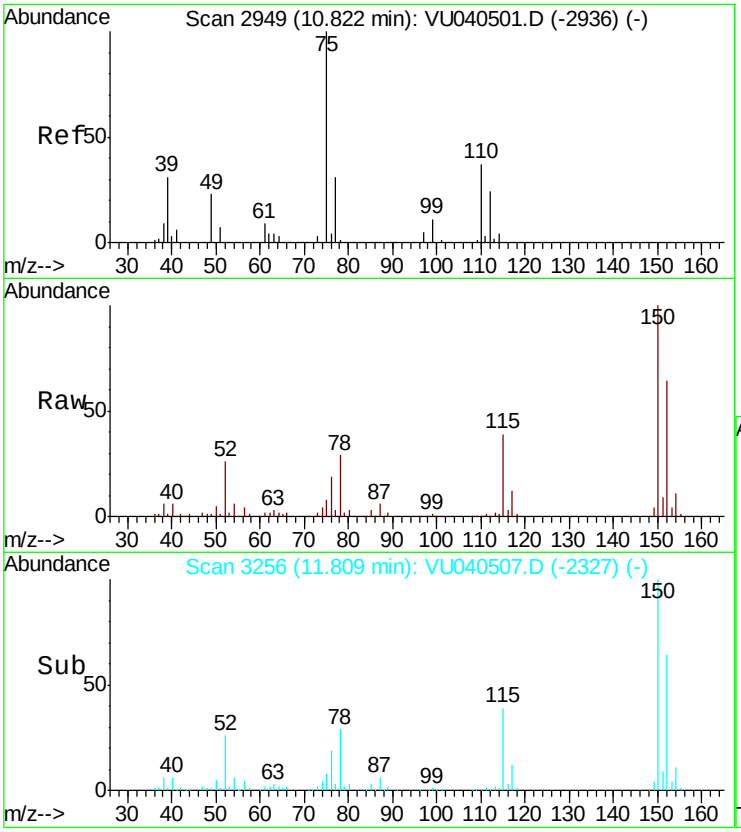


#49
Dibromochloromethane
Concen: 3.473 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Tgt Ion:129 Resp: 34215

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#





#59
1,2,3-Trichloropropane
Concen: 0.830 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040507.D
Acq: 05 Oct 2020 14:11

Instrument :
MSVOA_U
ClientSampleId :
BFSA2

Tgt Ion: 75 Resp: 7273

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.7	38.5#