Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

Quantitation Report (Not Reviewed)

Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Time: Apr 04 06:57:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1037554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1001152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	520791	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	145185	17.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 34.78%#			
7) Chloroethane-d5	1.64	69	97330	14.71	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 29.42%#			
11) 1,1-Dichloroethene-d2	2.30	63	401	0.03	ug/L	0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
21) 2-Butanone-d5	4.19	46	238329	30.36	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 30.36%#			
24) Chloroform-d	4.64	84	240439	16.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 33.42%#			
26) 1,2-Dichloroethane-d4	5.30	65	159388	16.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 33.86%#			
32) Benzene-d6	5.33	84	534307	18.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 37.22%#			
36) 1,2-Dichloropropane-d6	6.32	67	177209	18.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 36.08%#			
41) Toluene-d8	7.56	98	500732	19.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 38.84%#			
43) trans-1,3-Dichloropropene-	7.85	79	90563	19.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 39.22%#			
47) 2-Hexanone-d5	8.32	63	186984	35.13	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 35.13%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253967	18.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 36.14%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	194937	18.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 37.36%#			

Target Compounds						Qvalue
13) Acetone	2.34	43	4288	0.540	ug/L	57
25) Chloroform	4.71	83	106289	6.996	ug/L #	38
29) Cyclohexane	4.97	56	361026	23.829	ug/L #	61
35) Methylcyclohexane	6.40	83	1589898	115.322	ug/L	97
37) 1,2-Dichloropropane	6.40	63	14744	1.524	ug/L #	77
38) Bromodichloromethane	6.70	83	12939	1.126	ug/L #	14
40) 4-Methyl-2-pentanone	7.52	43	134961	8.308	ug/L #	61
45) 1,1,2-Trichloroethane	8.04	97	220518	26.985	ug/L #	18
48) 2-Hexanone	8.32	43	608128	45.674	ug/L #	25
52) Ethylbenzene	9.25	91	21757	0.568	ug/L	97
53) m,p-Xylene	9.38	106	8242	0.596	ug/L	60
56) Isopropylbenzene	10.16	105	605293	16.935	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.49	83	68258	4.532	ug/L #	37
66) 1,2-Dibromo-3-chloropropan	12.65	75	8646	2.255	ug/L #	16
69) Naphthalene	13.74	128	1328067	33.714	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040419\

Quantitation Report (Not Reviewed)

Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
Operator : JC/SP
Sample : K2168-19
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF641

Quant Time: Apr 04 06:57:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
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\VU040419\

Quantitation Report (Not Reviewed)

Data File : VU030635.D
Acq On : 03 Apr 2019 18:19
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Sample : K2168-19
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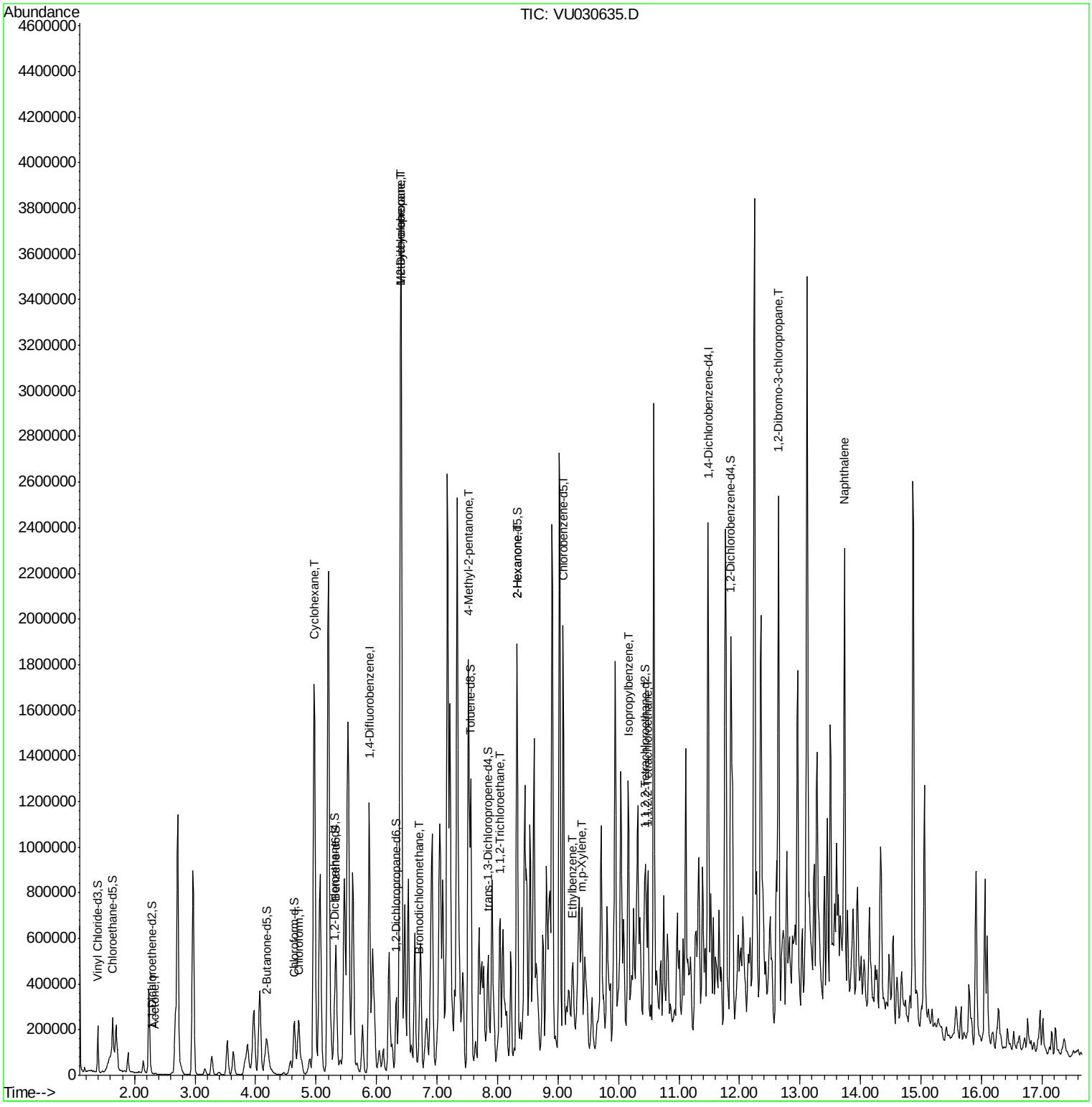
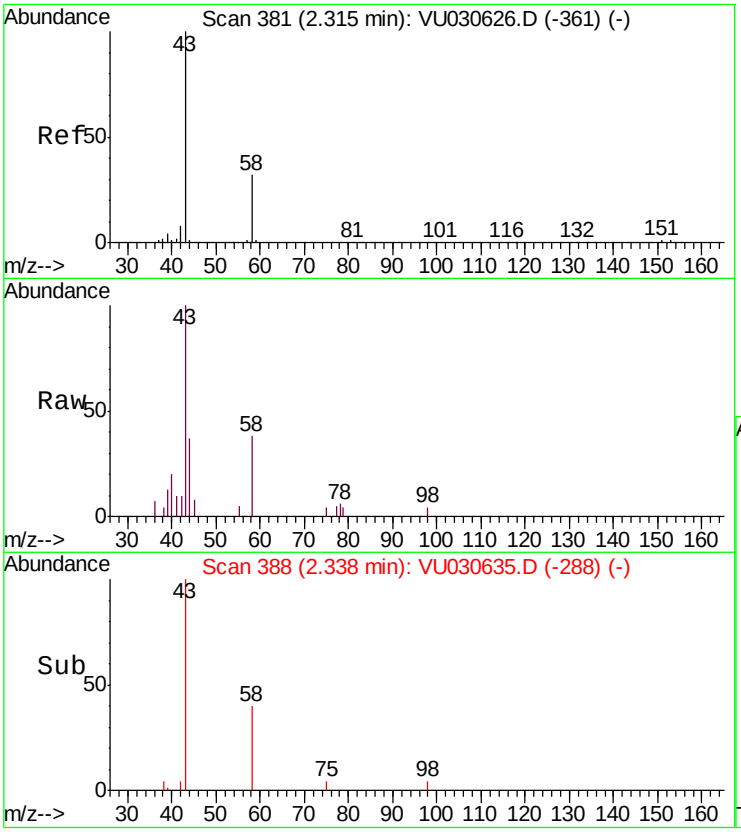
MSVOA_U
ClientSampleId :
BF641

Quant Time: Apr 04 06:57:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:52:42 2019
Response via : Initial Calibration



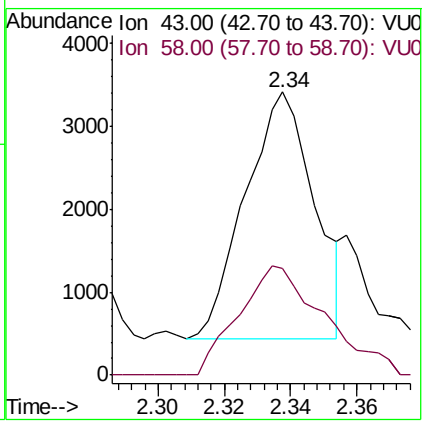


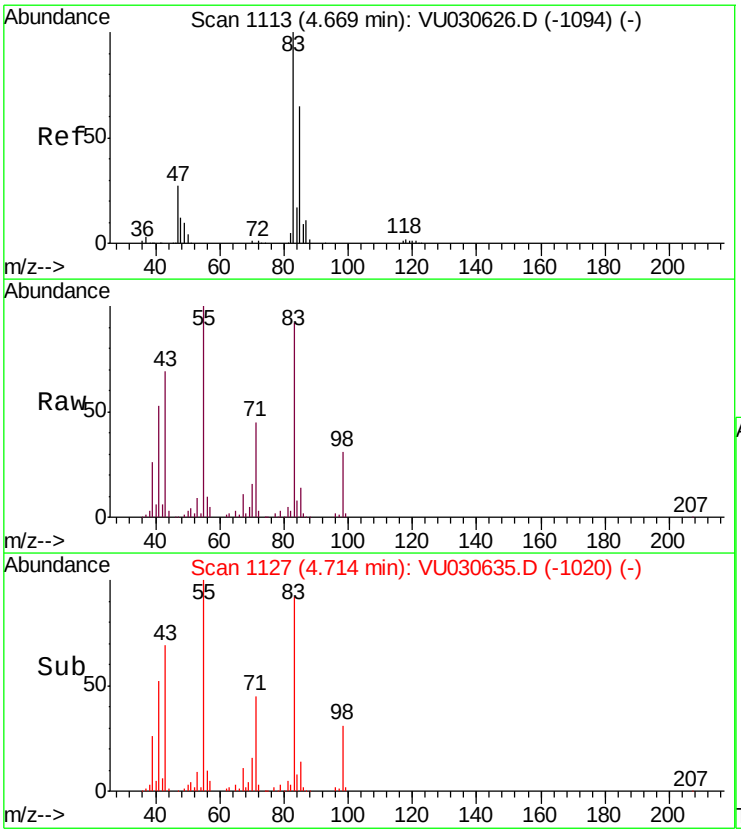
#13
Acetone
Concen: 0.540 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.02 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF641

Tgt Ion: 43 Resp: 4288

Ion	Ratio	Lower	Upper
43	100		
58	55.3	0.0	62.8

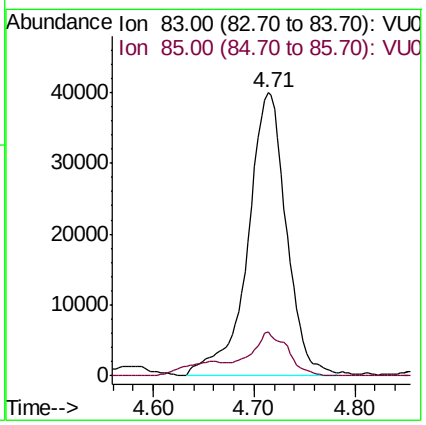


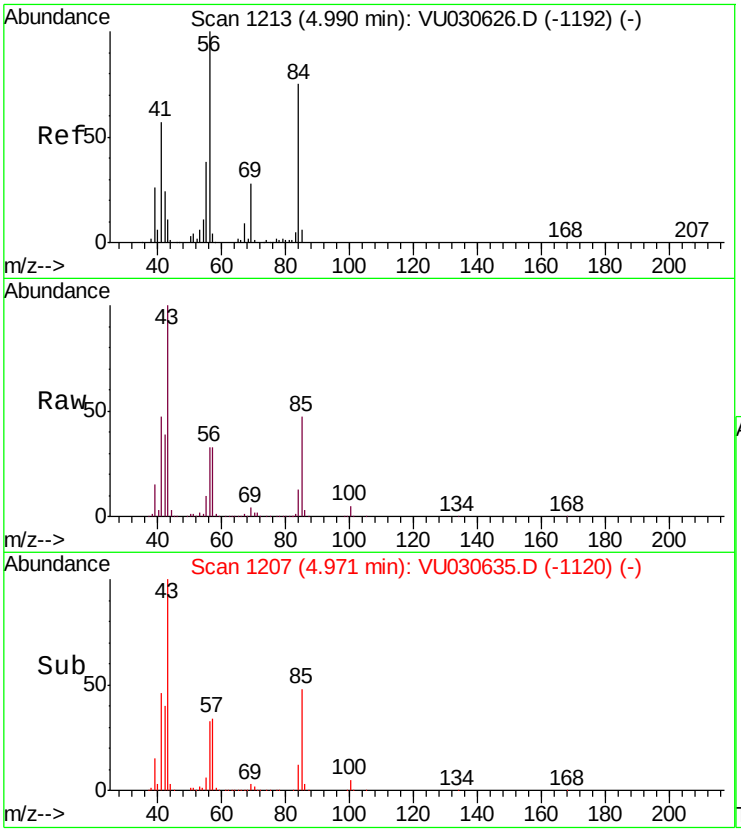


#25
Chloroform
Concen: 6.996 ug/L
RT: 4.71 min Scan# 1127
Delta R.T. 0.04 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 83 Resp: 106289

Ion	Ratio	Lower	Upper
83	100		
85	15.4	44.4	82.4#



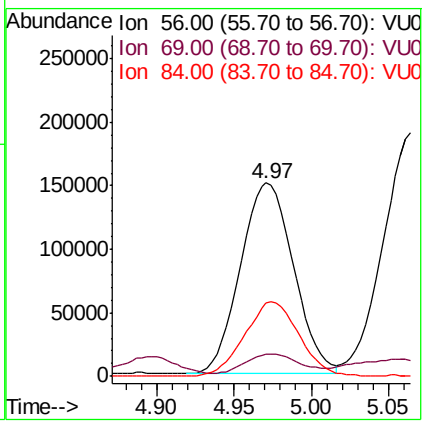


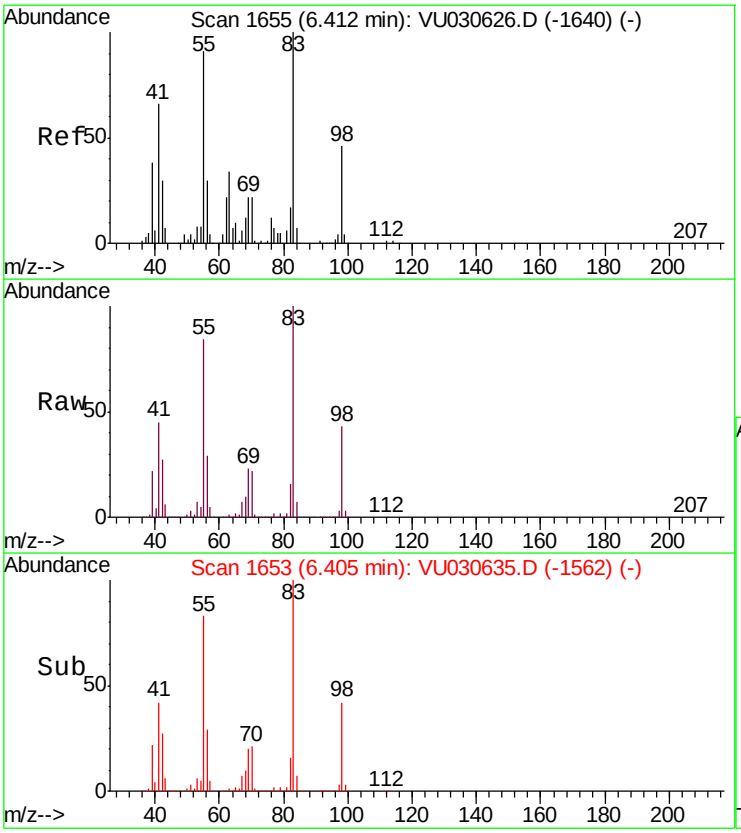
#29
Cyclohexane
Concen: 23.829 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF641

Tgt Ion: 56 Resp: 361026

Ion	Ratio	Lower	Upper
56	100		
69	10.3	22.9	34.3#
84	39.7	58.9	88.3#

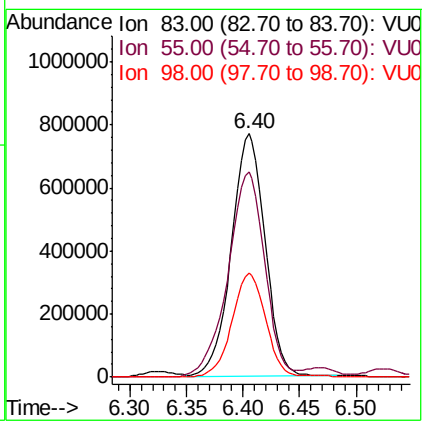


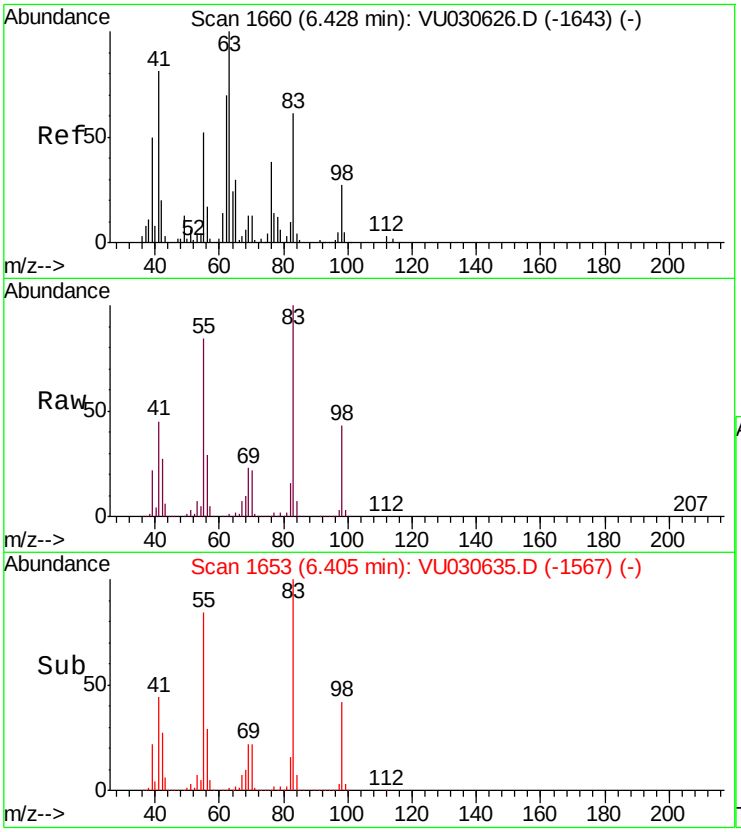


#35
Methylcyclohexane
Concen: 115.322 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 83 Resp: 1589898

Ion	Ratio	Lower	Upper
83	100		
55	92.4	71.4	107.0
98	42.8	36.0	54.0



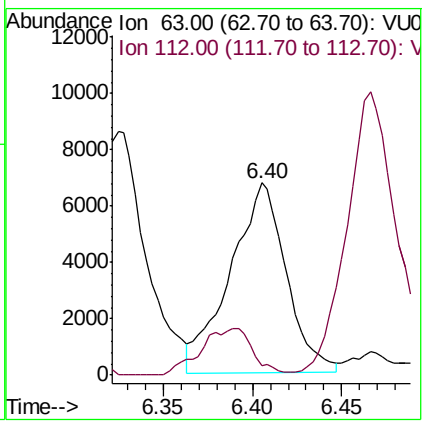


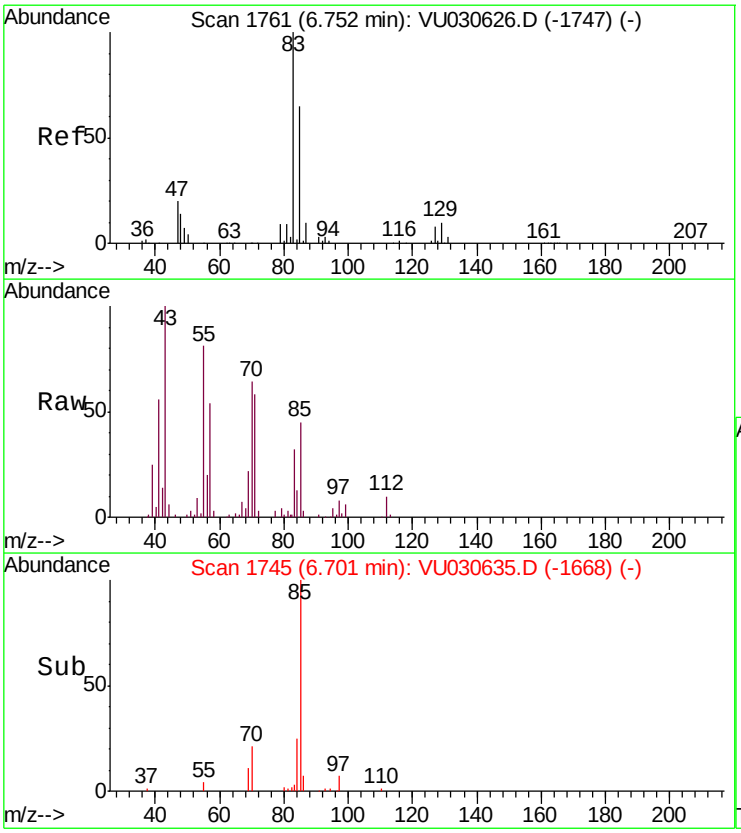
#37
1,2-Dichloropropane
Concen: 1.524 ug/L
RT: 6.40 min Scan# 1653
Delta R.T. -0.02 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument : MSVOA_U
ClientSampleId : BF641

Tgt Ion: 63 Resp: 14744

Ion	Ratio	Lower	Upper
63	100		
112	10.8	2.6	4.0#

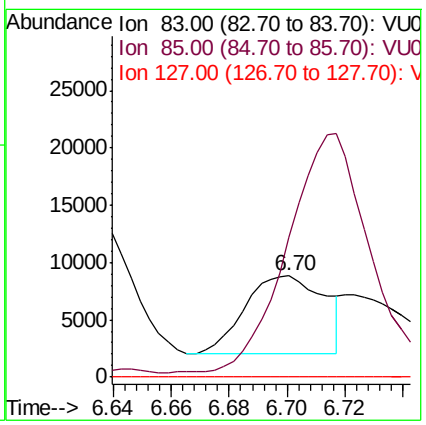


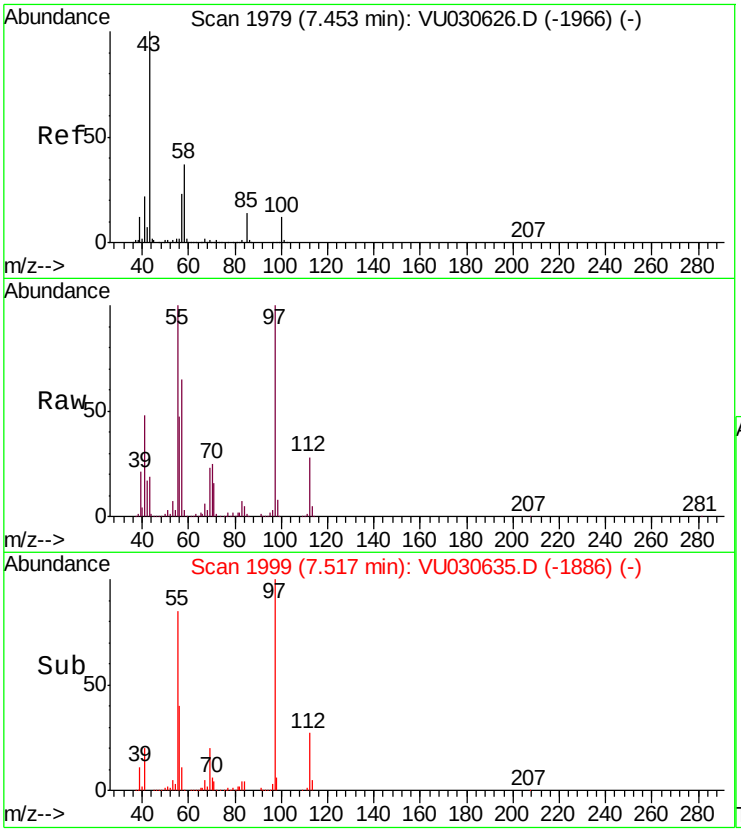


#38
Bromodichloromethane
Concen: 1.126 ug/L
RT: 6.70 min Scan# 1745
Delta R.T. -0.05 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 83 Resp: 12939

Ion	Ratio	Lower	Upper
83	100		
85	138.4	45.0	83.6#
127	0.0	6.6	10.0#



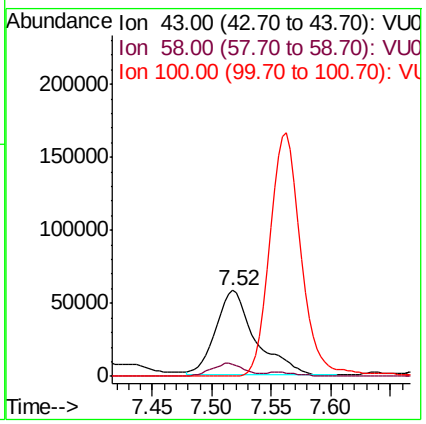


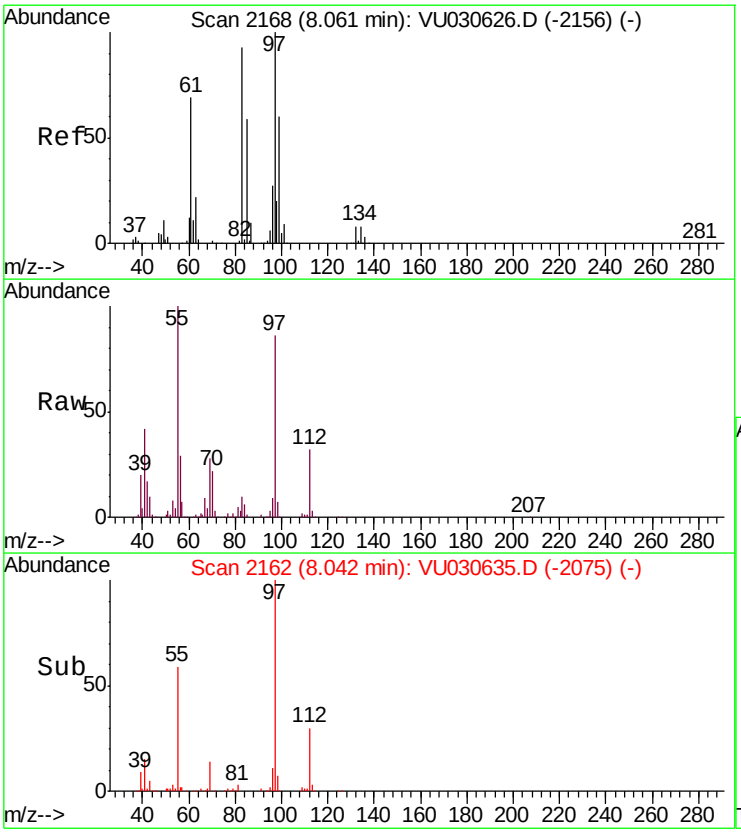
#40
4-Methyl-2-pentanone
Concen: 8.308 ug/L
RT: 7.52 min Scan# 1999
Delta R.T. 0.06 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument : MSVOA_U
ClientSampleId : BF641

Tgt Ion: 43 Resp: 134961

Ion	Ratio	Lower	Upper
43	100		
58	12.9	30.6	45.8#
100	0.0	9.5	14.3#

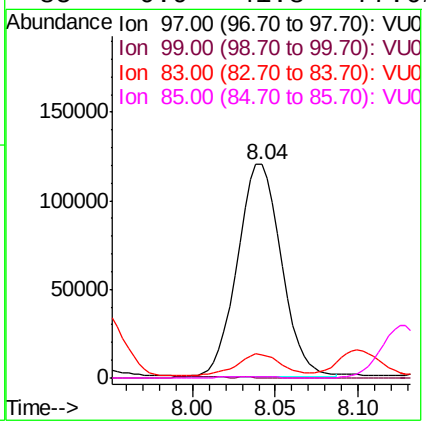


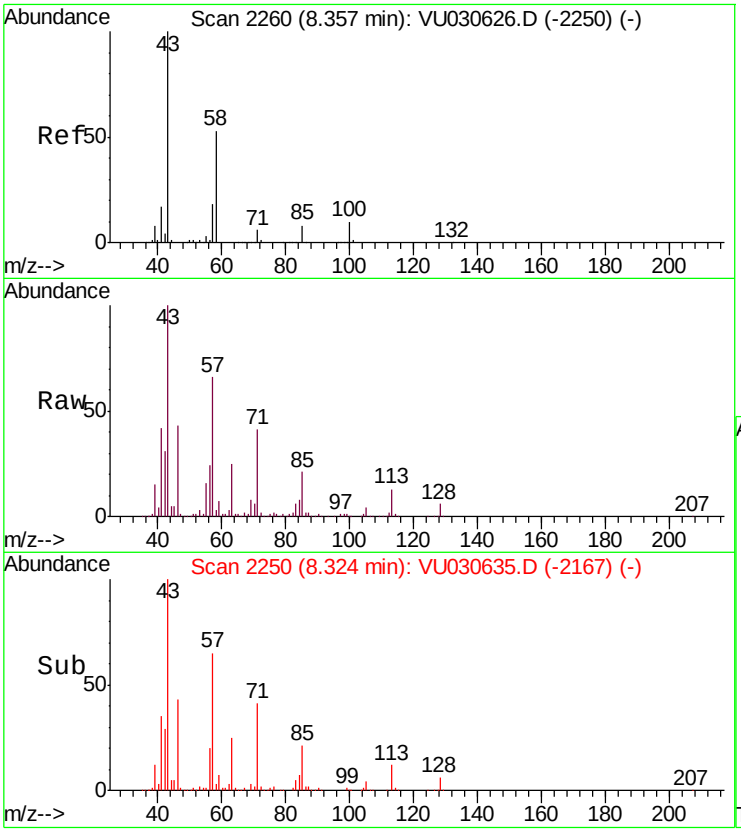


#45
1,1,2-Trichloroethane
Concen: 26.985 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.02 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 97 Resp: 220518

Ion	Ratio	Lower	Upper
97	100		
99	0.2	44.0	81.8#
83	11.0	65.3	121.3#
85	0.9	41.8	77.6#



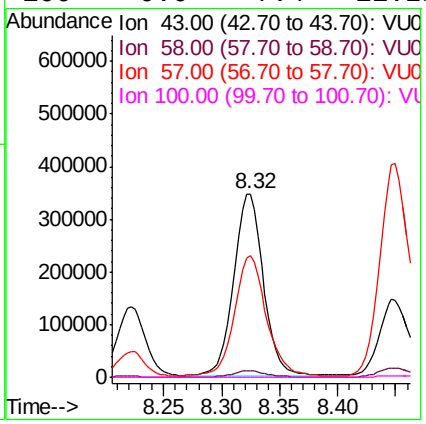


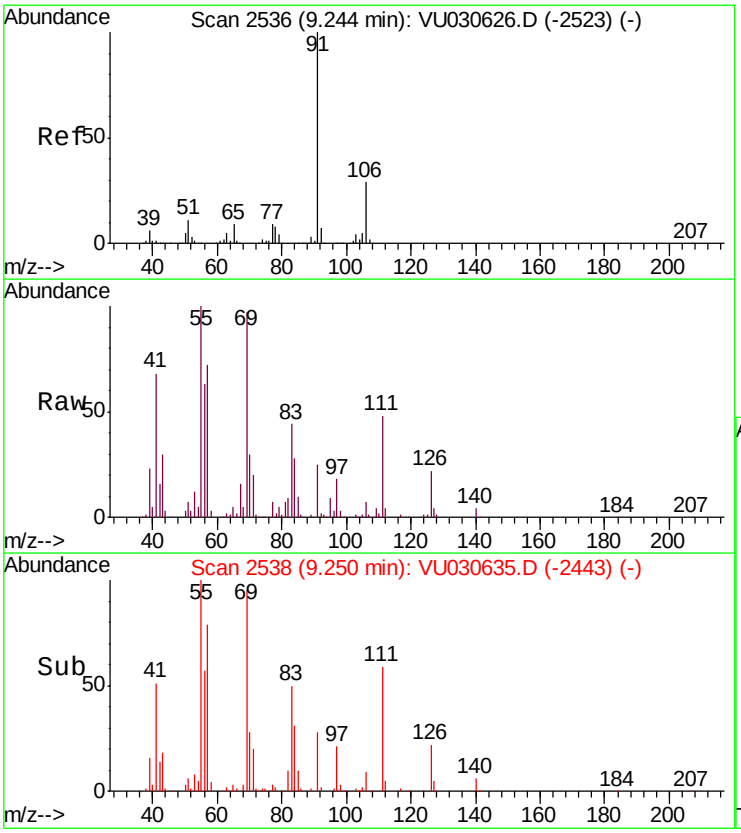
#48
2-Hexanone
Concen: 45.674 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.03 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument : MSVOA_U
ClientSampleId : BF641

Tgt Ion: 43 Resp: 608128

Ion	Ratio	Lower	Upper
43	100		
58	4.0	42.5	63.7#
57	71.1	15.0	22.6#
100	0.0	7.4	11.2#

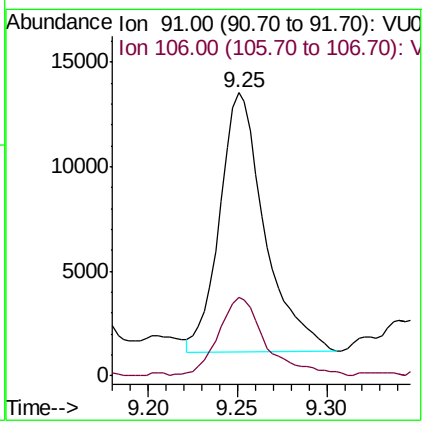


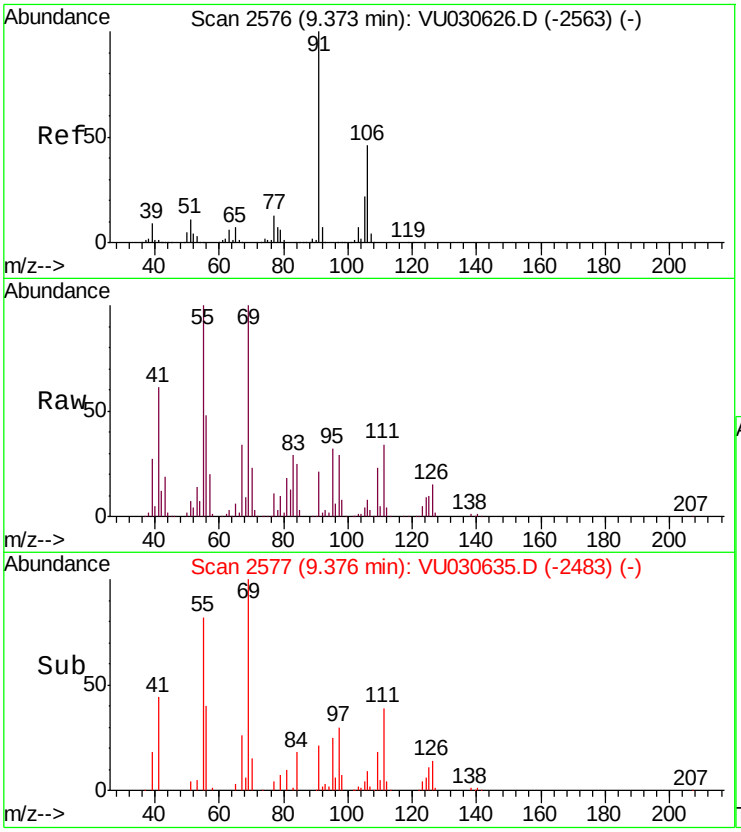


#52
Ethylbenzene
Concen: 0.568 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.01 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 91 Resp: 21757

Ion	Ratio	Lower	Upper
91	100		
106	27.9	20.6	38.2



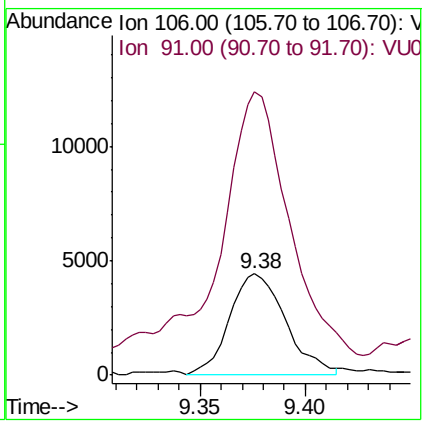


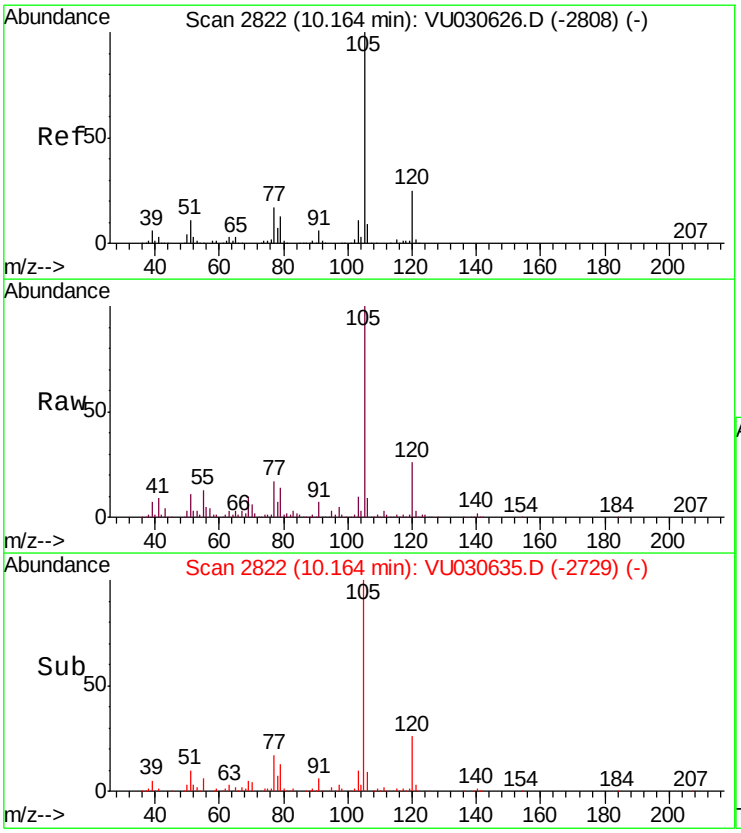
#53
m,p-Xylene
Concen: 0.596 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF641

Tgt Ion:106 Resp: 8242

Ion	Ratio	Lower	Upper
106	100		
91	279.8	151.2	280.8

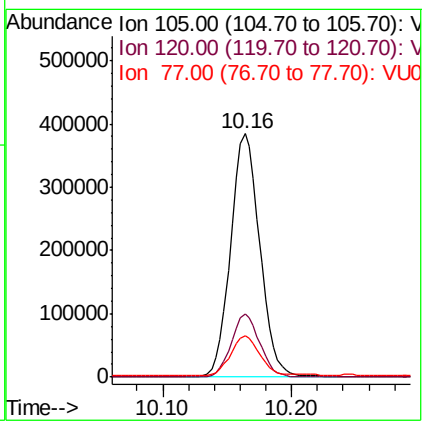


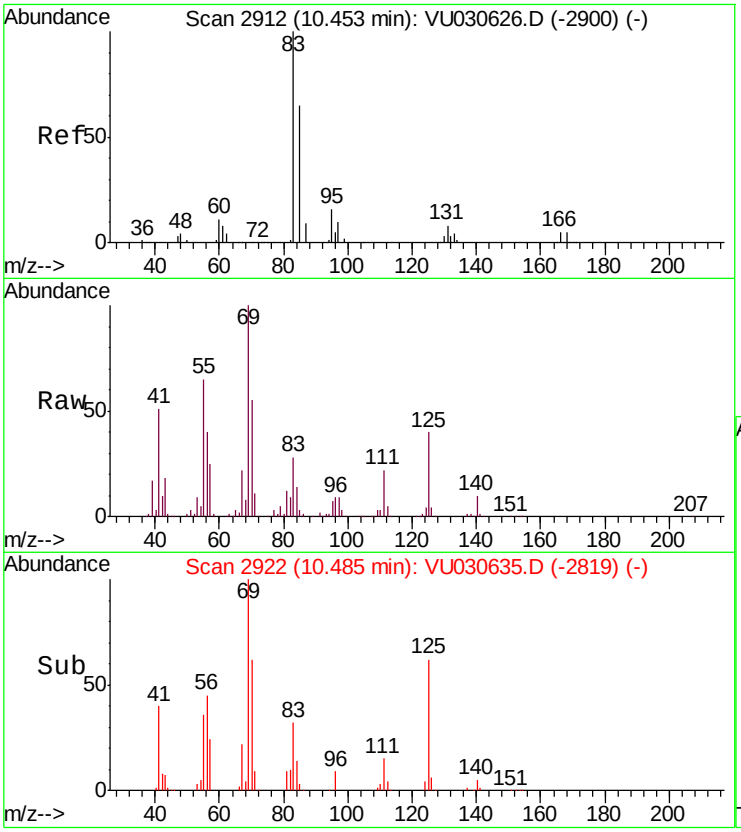


#56
Isopropylbenzene
Concen: 16.935 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion:105 Resp: 605293

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.2	30.2
77	16.5	13.2	19.8



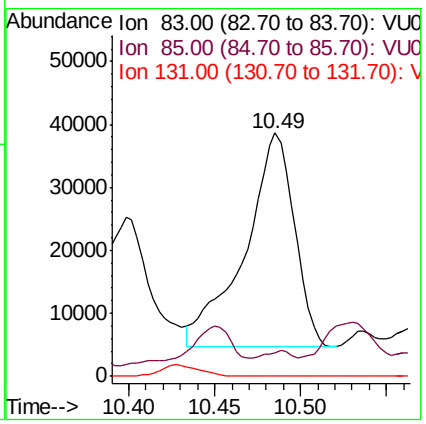


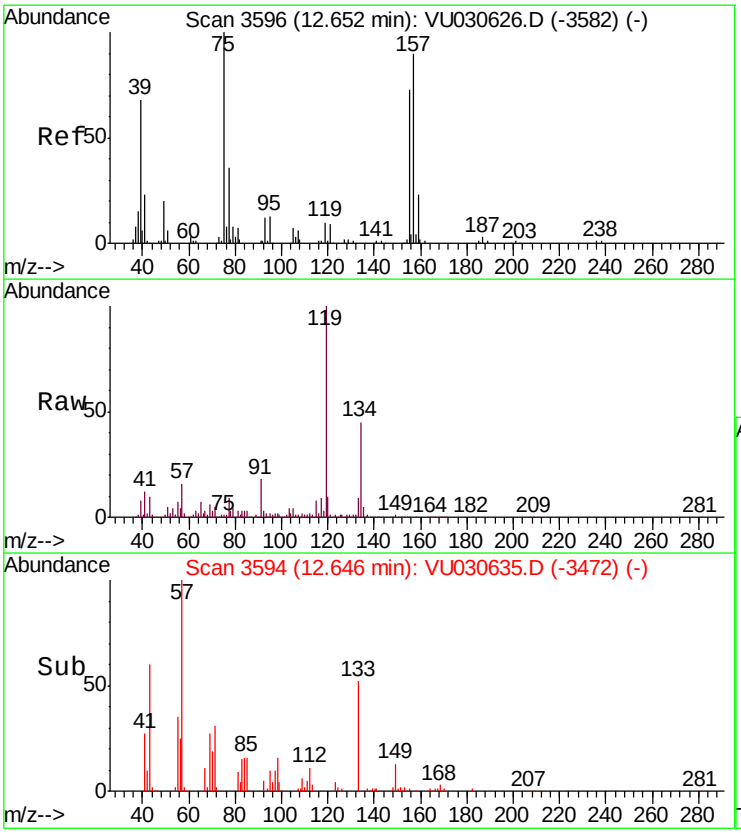
#58
1,1,2,2-Tetrachloroethane
Concen: 4.532 ug/L
RT: 10.49 min Scan# 2922
Delta R.T. 0.03 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF641

Tgt Ion: 83 Resp: 68258

Ion	Ratio	Lower	Upper
83	100		
85	9.8	44.3	82.3#
131	0.0	6.7	10.1#

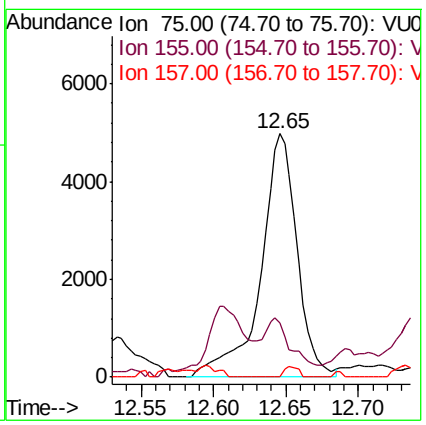


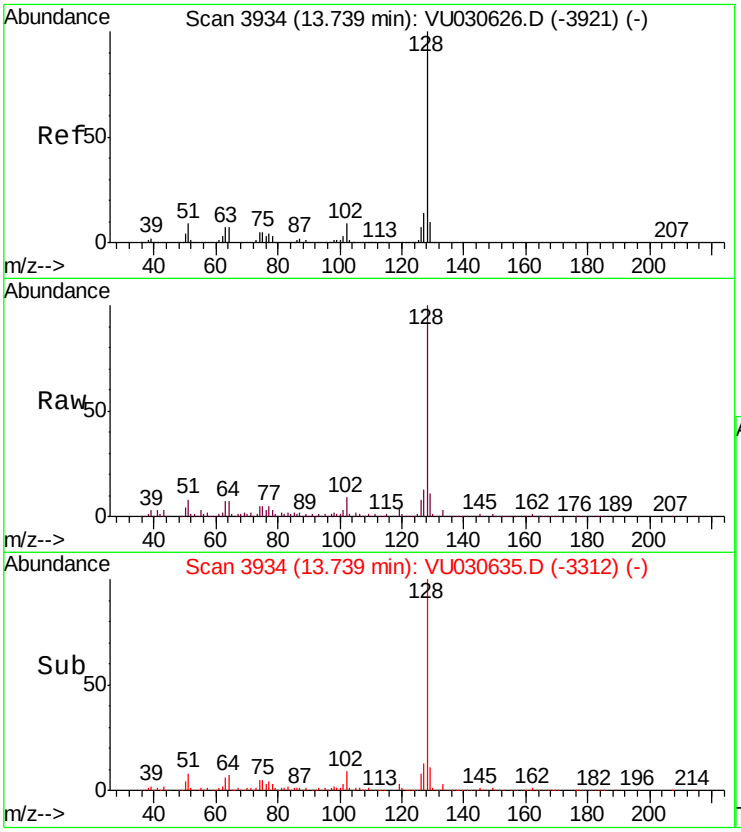


#66
1,2-Dibromo-3-chloropropane
Concen: 2.255 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.01 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Tgt Ion: 75 Resp: 8646

Ion	Ratio	Lower	Upper
75	100		
155	22.1	61.8	92.6#
157	0.0	80.2	120.4#





#69
Naphthalene
Concen: 33.714 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU030635.D
Acq: 03 Apr 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF641

Tgt Ion:128 Resp: 1328067

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.4	12.6