Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026806.D
Acq On : 16 Sep 2018 04:22
Operator : MD/SY
Sample : J4918-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0KY3

Quant Time: Sep 17 07:15:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	92322	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	70084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	27112	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	35369	5.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%			
7) Chloroethane-d5	1.68	69	33595	6.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.80%			
11) 1,1-Dichloroethene-d2	2.28	63	45323	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	4.20	46	102143	66.00	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.00%#			
24) Chloroform-d	4.65	84	66958	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.00%			
26) 1,2-Dichloroethane-d4	5.31	65	38637	6.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 127.40%			
32) Benzene-d6	5.34	84	131639	6.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 134.40%#			
36) 1,2-Dichloropropane-d6	6.33	67	44510	7.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 141.20%#			
41) Toluene-d8	7.57	98	85716	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.85	79	12745	5.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.00%			
46) 2-Hexanone-d5	8.32	63	59661	64.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 129.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35344	7.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 143.40%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	33083	6.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 131.40%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	407	0.056	ug/L #	18
12) 1,1-Dichloroethene	2.29	96	1309	0.190	ug/L #	1
13) Acetone	2.33	43	2191	1.592	ug/L	91
15) Methyl Acetate	2.49	43	9405	2.605	ug/L #	52
19) 1,1-Dichloroethane	3.45	63	1486	0.105	ug/L #	85
22) cis-1,2-Dichloroethene	4.23	96	603	0.074	ug/L #	2
25) Chloroform	4.68	83	1821	0.134	ug/L	90
29) 1,1,1-Trichloroethane	4.92	97	427	0.042	ug/L #	58
34) Trichloroethene	6.19	95	4334	0.648	ug/L	96
35) Methylcyclohexane	6.33	83	10543	0.970	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	4753	0.682	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	745	0.080	ug/L #	48
42) Toluene	7.64	91	1538	0.058	ug/L	98
47) Tetrachloroethene	8.22	164	414	0.071	ug/L	92
48) 2-Hexanone	8.32	43	8310	2.865	ug/L #	75
49) Dibromochloromethane	8.22	129	451	0.078	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	3123	0.762	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026806.D
Acq On : 16 Sep 2018 04:22
Operator : MD/SY
Sample : J4918-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0KY3

Quant Time: Sep 17 07:15:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 1,3-Dichlorobenzene	11.51	146	713	0.073	ug/L	#	85
65) 1,2-Dichlorobenzene	11.88	146	570	0.056	ug/L	#	90
69) Naphthalene	13.75	128	5668	0.592	ug/L		96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
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Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
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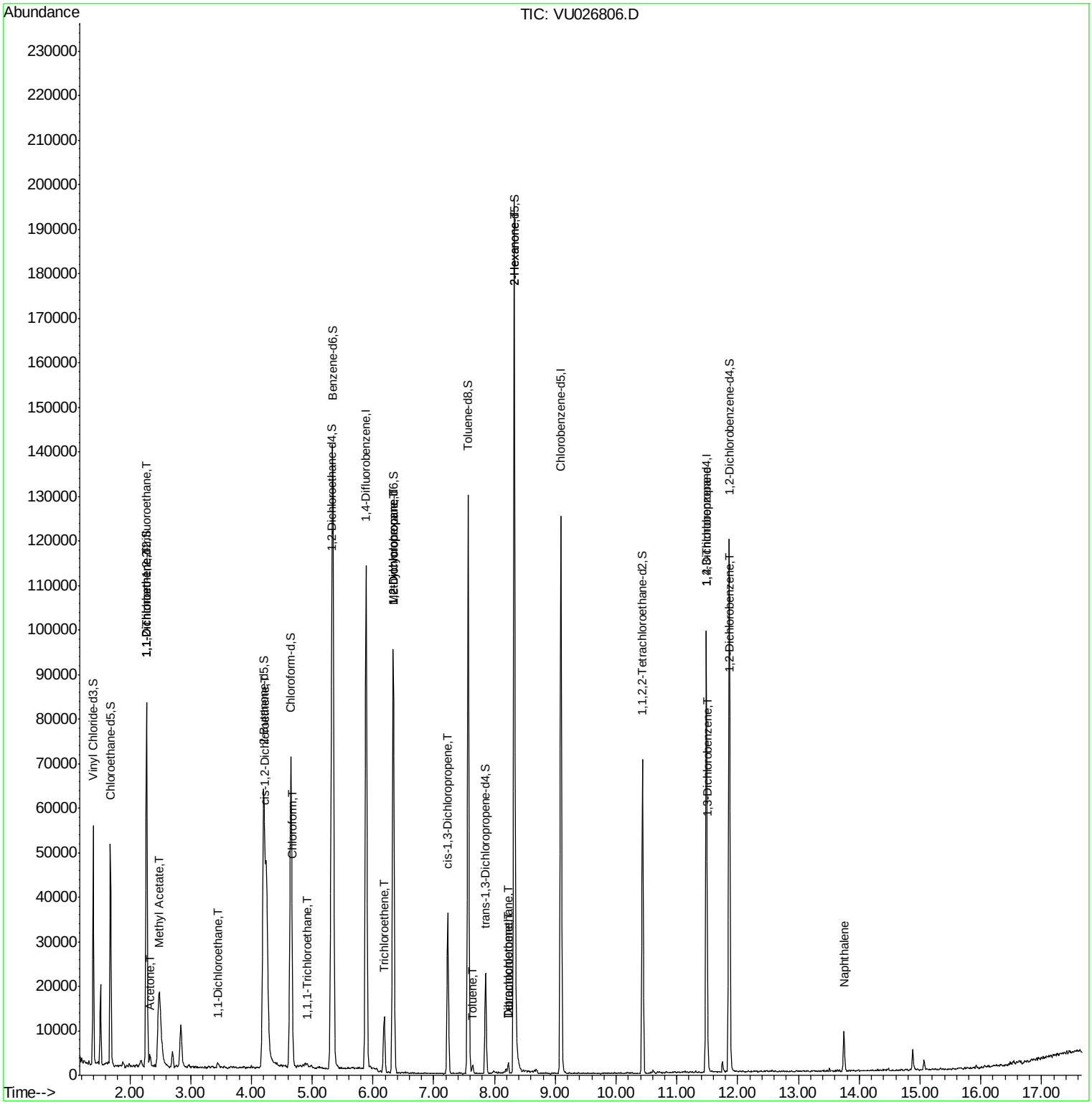
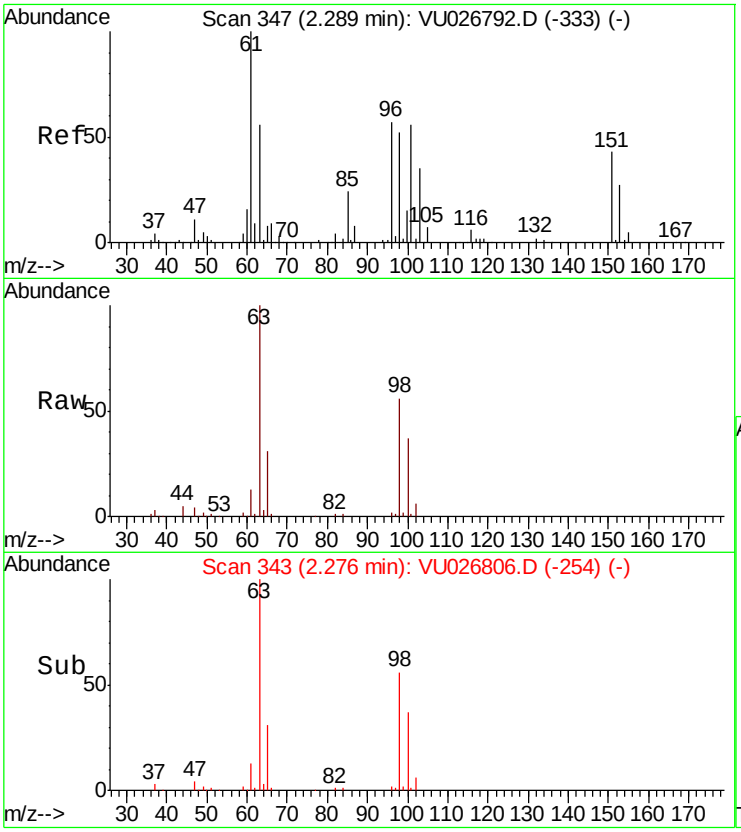
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 17 07:09:54 2018
Response via : Initial Calibration



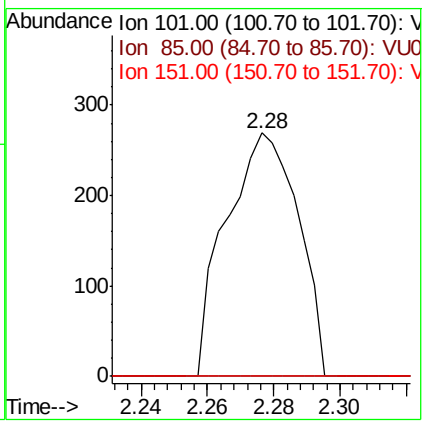


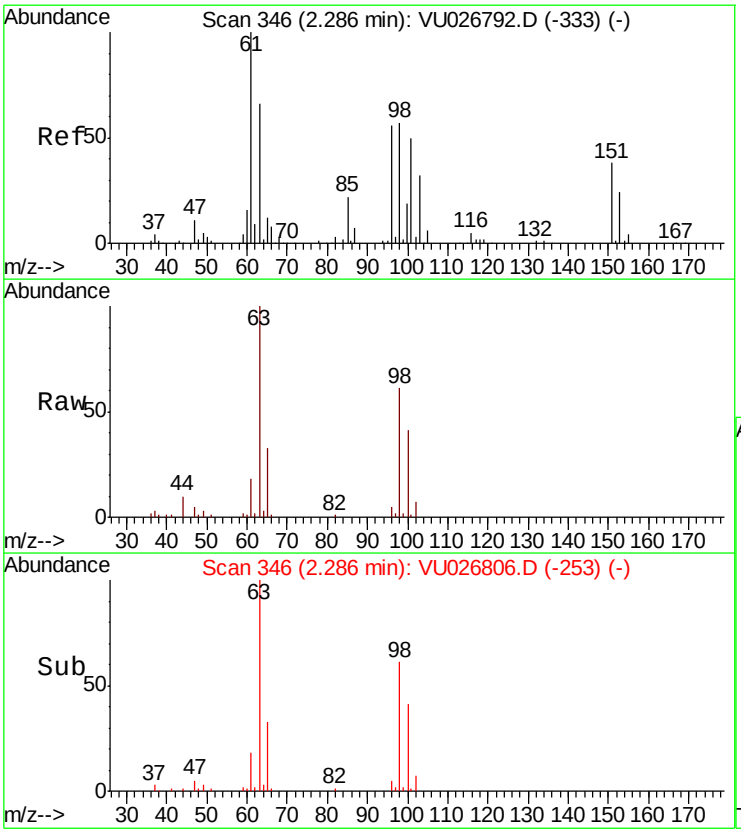
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument : MSVOA_U
ClientSampleId : C0KY3

Tgt Ion:101 Resp: 407

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	63.3	94.9#

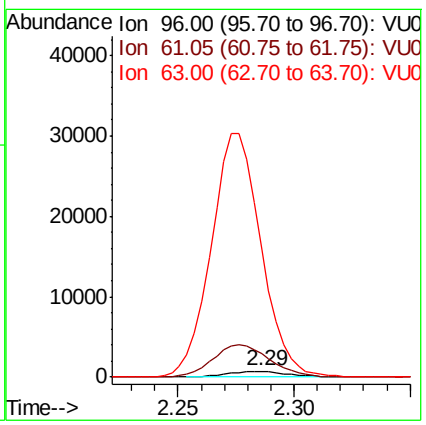


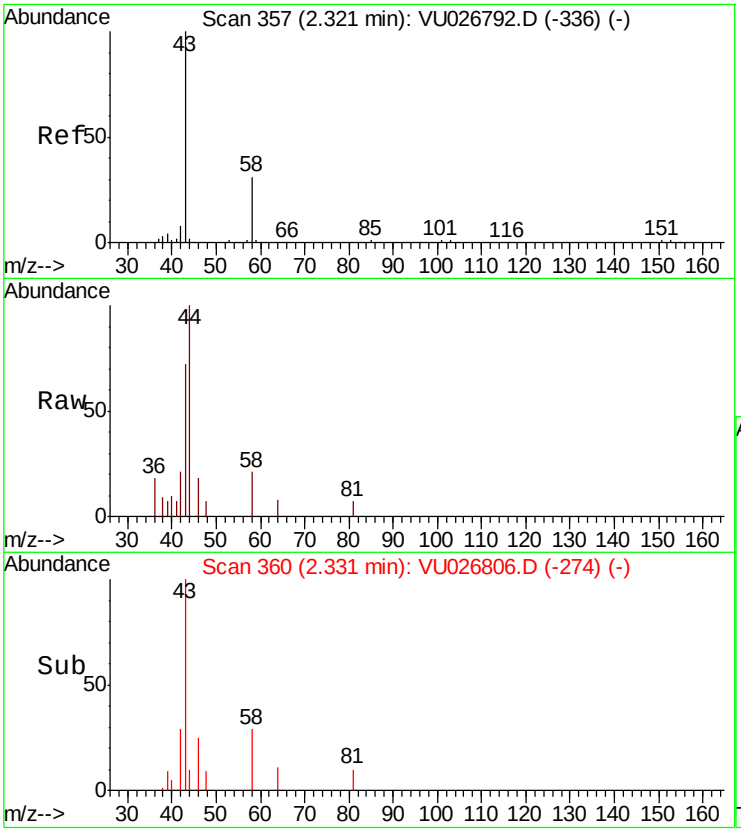


#12
1,1-Dichloroethene
Concen: 0.190 ug/L
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion: 96 Resp: 1309

Ion	Ratio	Lower	Upper
96	100		
61	373.2	126.6	235.2#
63	2056.8	91.3	169.5#



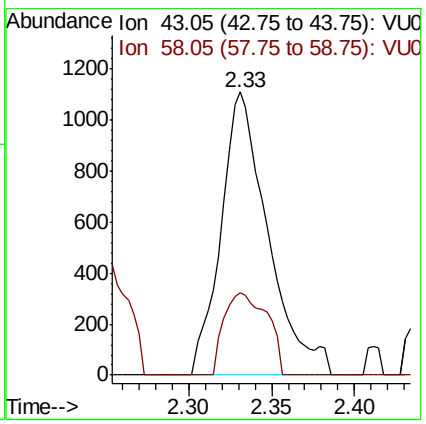


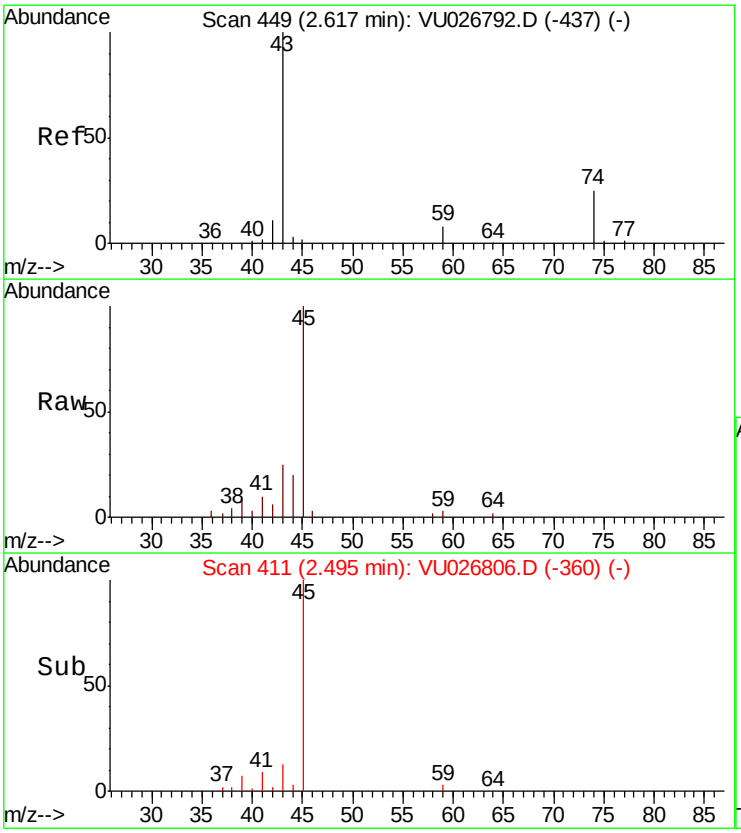
#13
Acetone
Concen: 1.592 ug/L
RT: 2.33 min Scan# 360
Delta R.T. -0.02 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument :
MSVOA_U
ClientSampleId :
C0KY3

Tgt Ion: 43 Resp: 2191

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	63.0

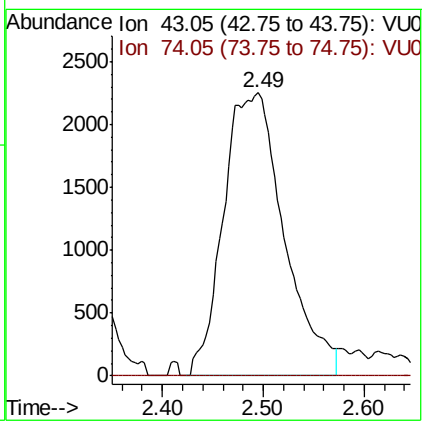


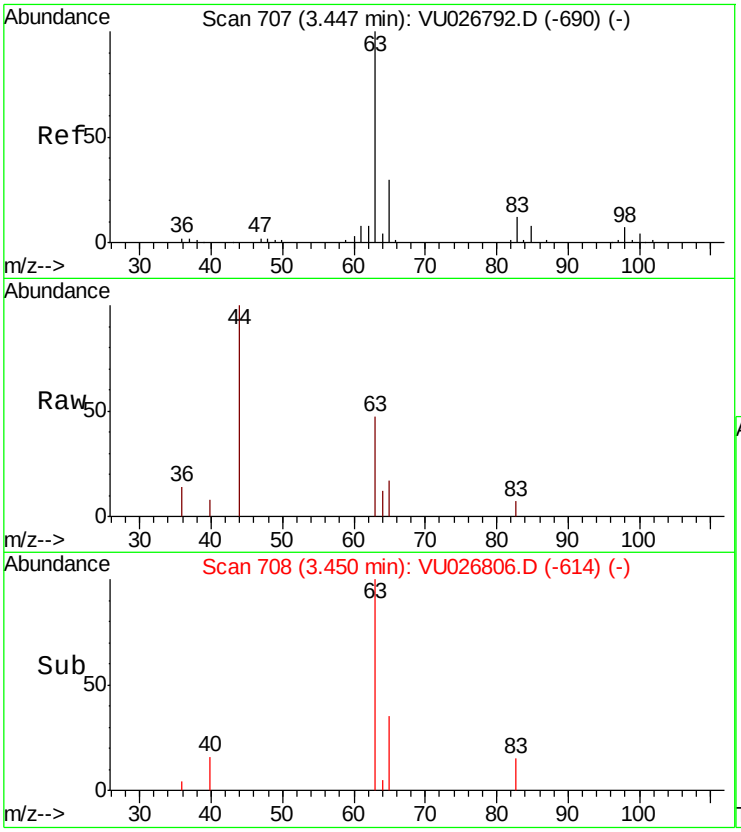


#15
Methyl Acetate
Concen: 2.605 ug/L
RT: 2.49 min Scan# 411
Delta R.T. -0.13 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion: 43 Resp: 9405

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.5	27.7#



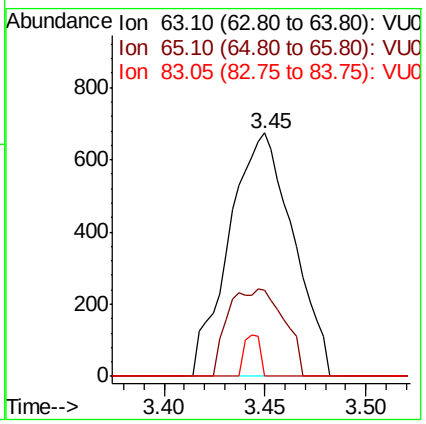


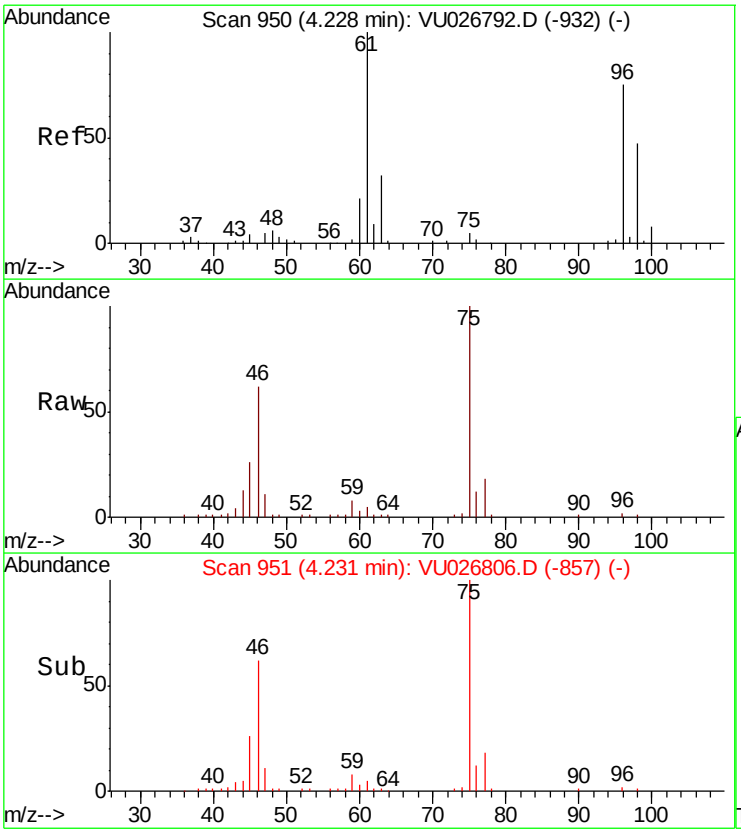
#19
1,1-Dichloroethane
Concen: 0.105 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument : MSVOA_U
ClientSampleId : C0KY3

Tgt Ion: 63 Resp: 1486

Ion	Ratio	Lower	Upper
63	100		
65	35.3	21.7	40.3
83	0.0	9.0	16.6#

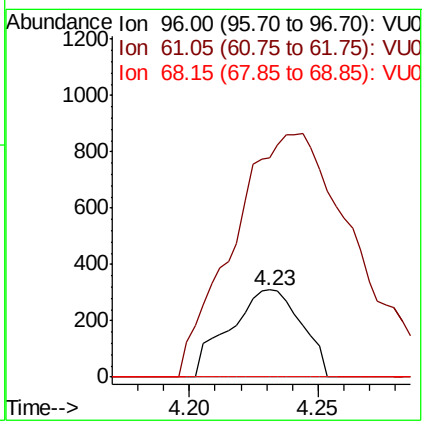


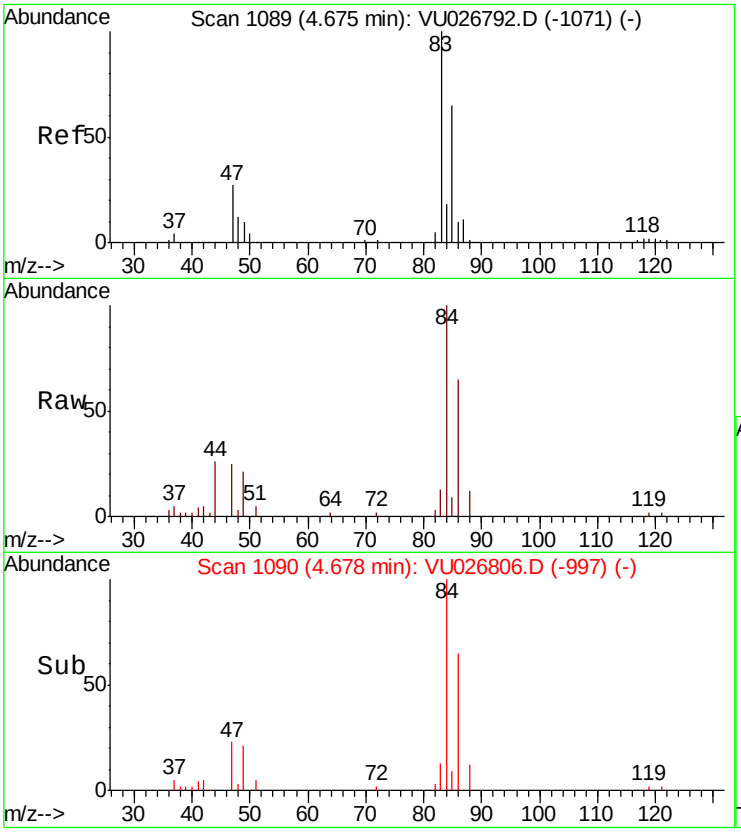


#22
cis-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion: 96 Resp: 603

Ion	Ratio	Lower	Upper
96	100		
61	251.5	94.4	175.2#
68	0.0	0.0	0.0



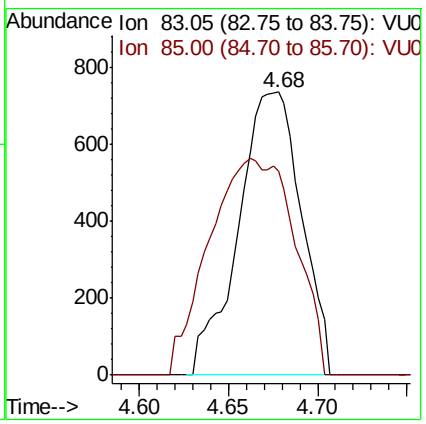


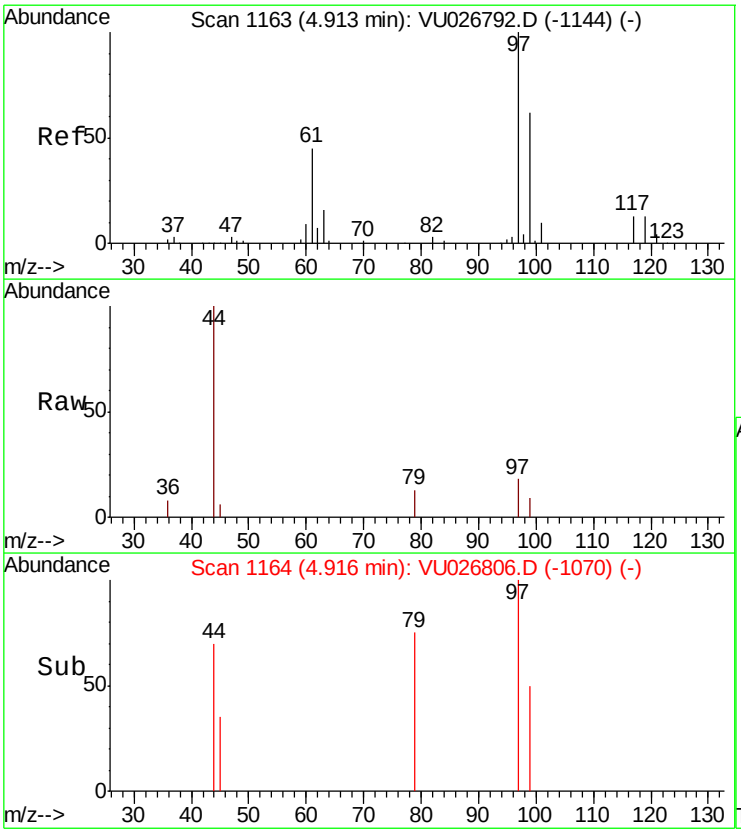
#25
Chloroform
Concen: 0.134 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument : MSVOA_U
ClientSampleId : C0KY3

Tgt Ion: 83 Resp: 1821

Ion	Ratio	Lower	Upper
83	100		
85	72.0	44.8	83.2

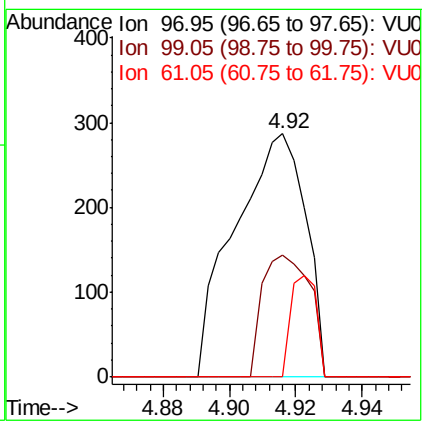


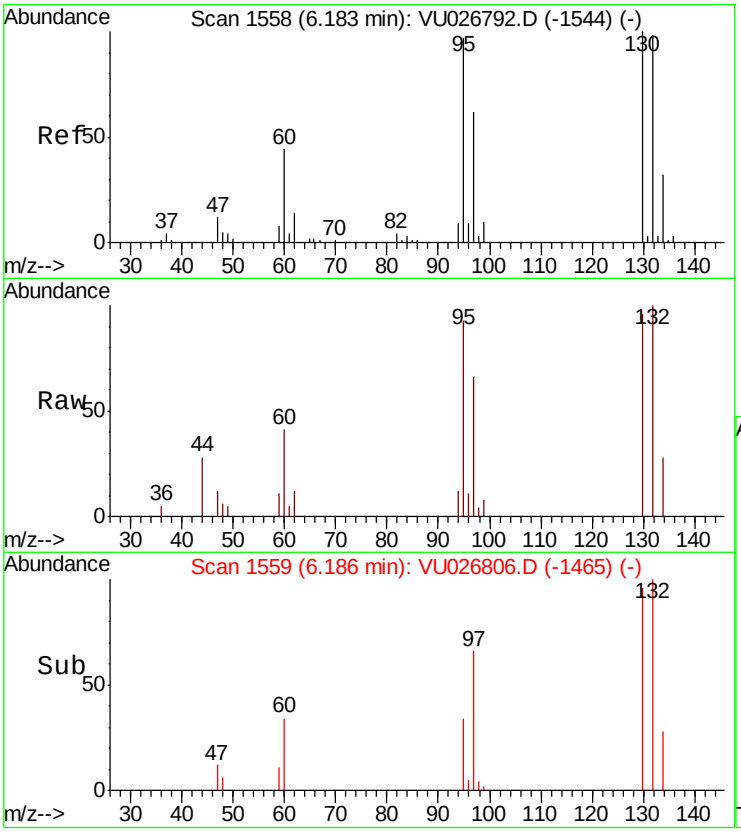


#29
1,1,1-Trichloroethane
Concen: 0.042 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion: 97 Resp: 427

Ion	Ratio	Lower	Upper
97	100		
99	33.7	51.5	77.3#
61	15.2	36.6	54.8#



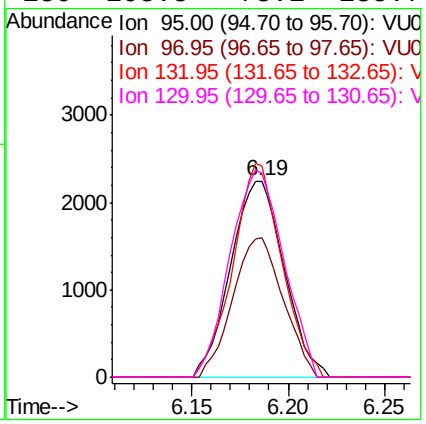


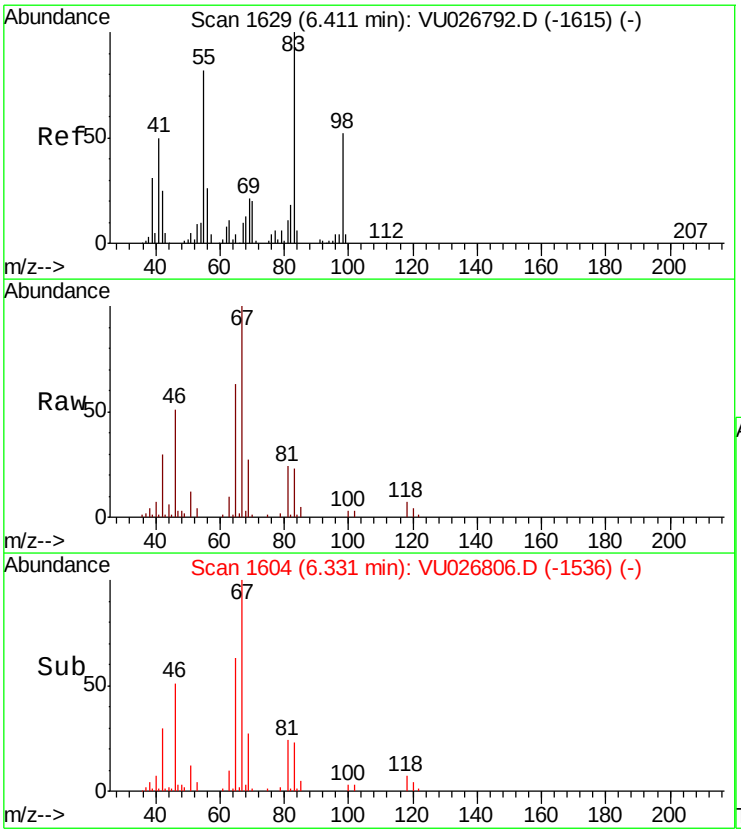
#34
Trichloroethene
Concen: 0.648 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument : MSVOA_U
ClientSampleId : C0KY3

Tgt Ion: 95 Resp: 4334

Ion	Ratio	Lower	Upper
95	100		
97	70.9	45.1	83.9
132	107.7	72.0	133.8
130	103.8	73.1	135.7

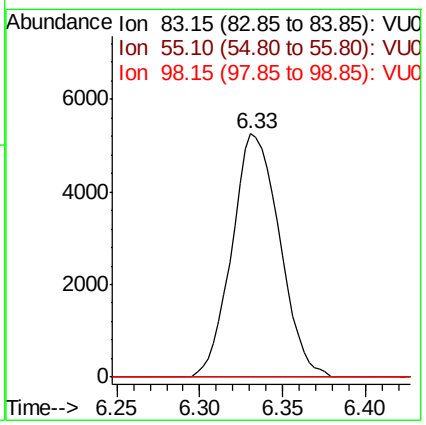


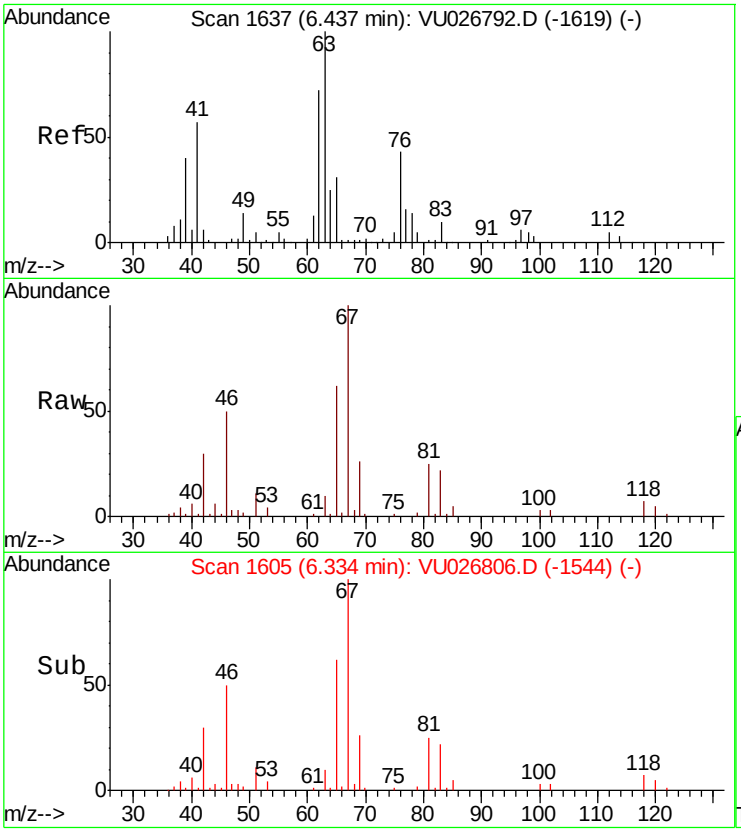


#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion: 83 Resp: 10543

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.9	97.3#
98	1.0	39.3	58.9#



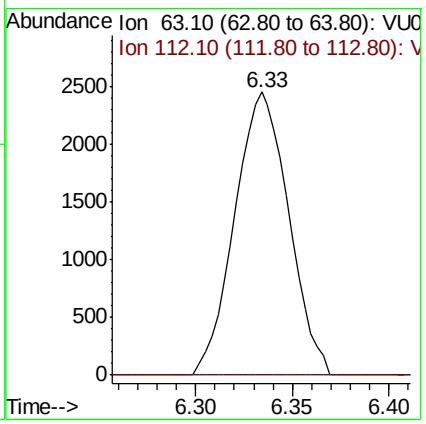


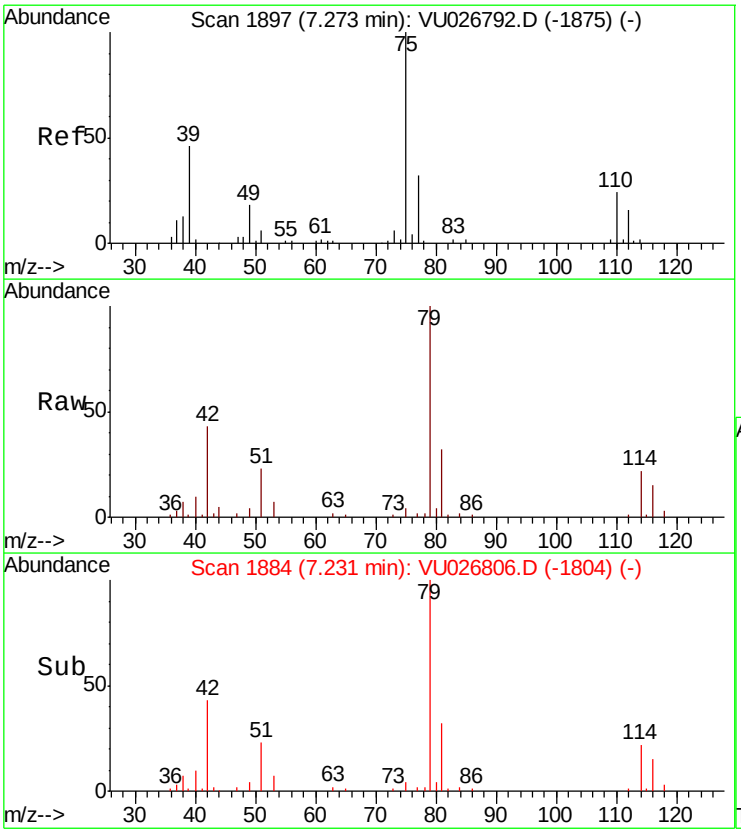
#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument :
MSVOA_U
ClientSampleId :
C0KY3

Tgt Ion: 63 Resp: 4753

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

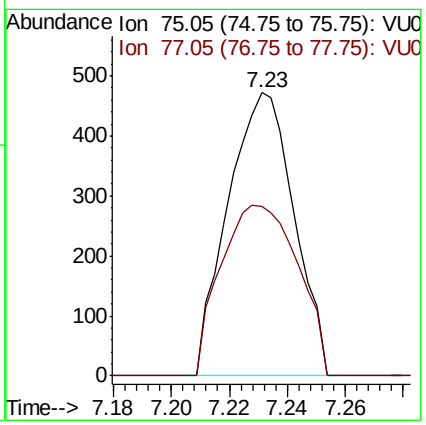


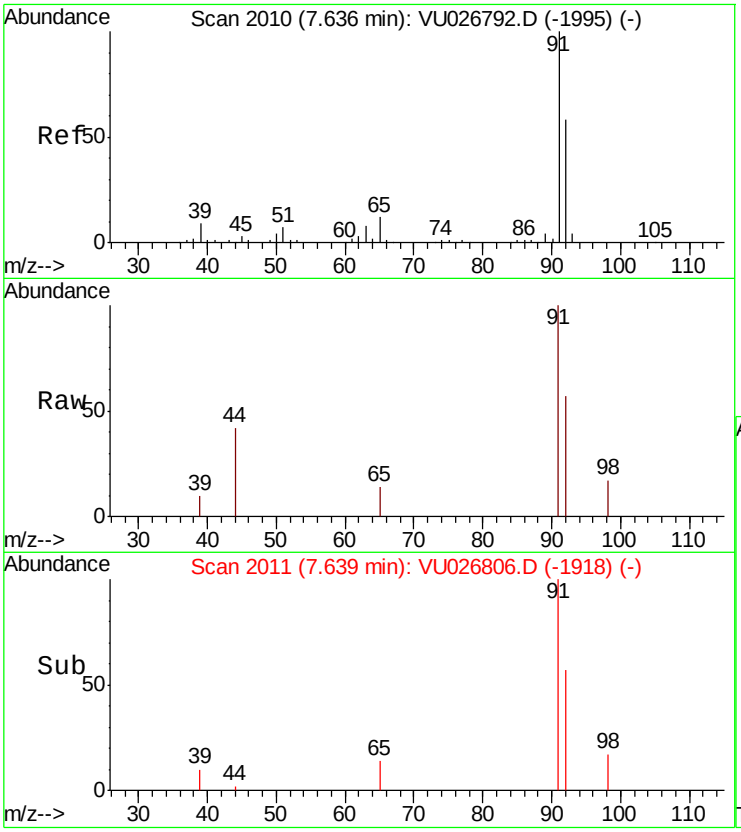


#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion: 75 Resp: 745

Ion	Ratio	Lower	Upper
75	100		
77	59.7	21.7	40.3#



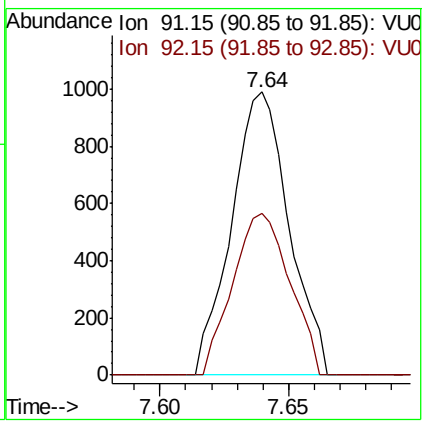


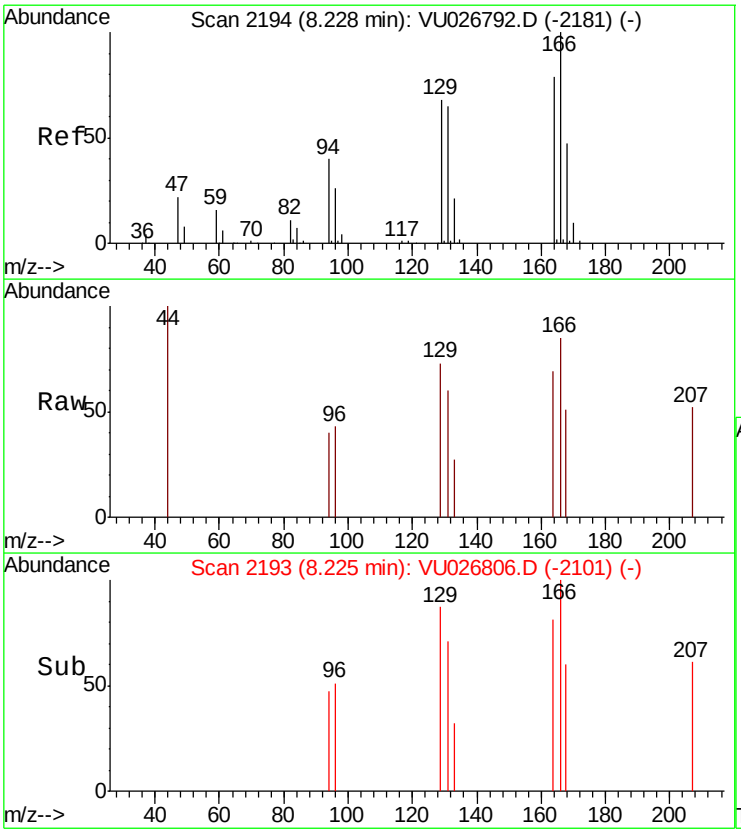
#42
Toluene
Concen: 0.058 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument : MSVOA_U
ClientSampleId : C0KY3

Tgt Ion: 91 Resp: 1538

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.9	76.0

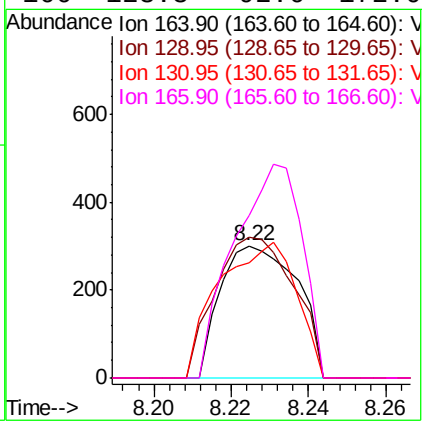


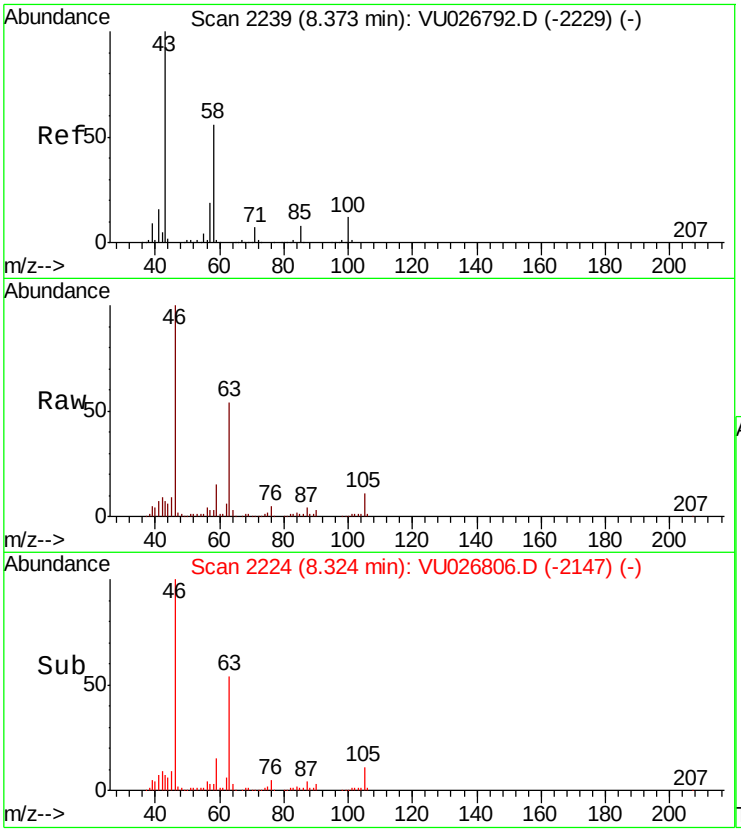


#47
Tetrachloroethene
Concen: 0.071 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion:164 Resp: 414

Ion	Ratio	Lower	Upper
164	100		
129	106.6	64.8	120.3
131	87.0	61.4	114.0
166	123.3	92.6	172.0



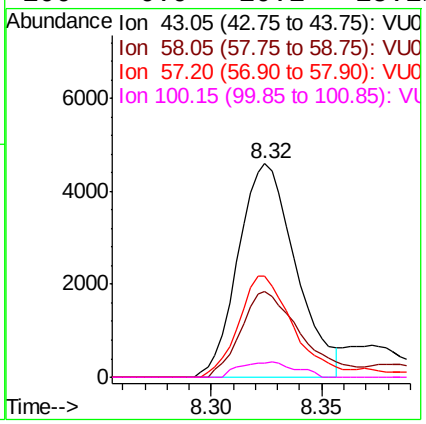


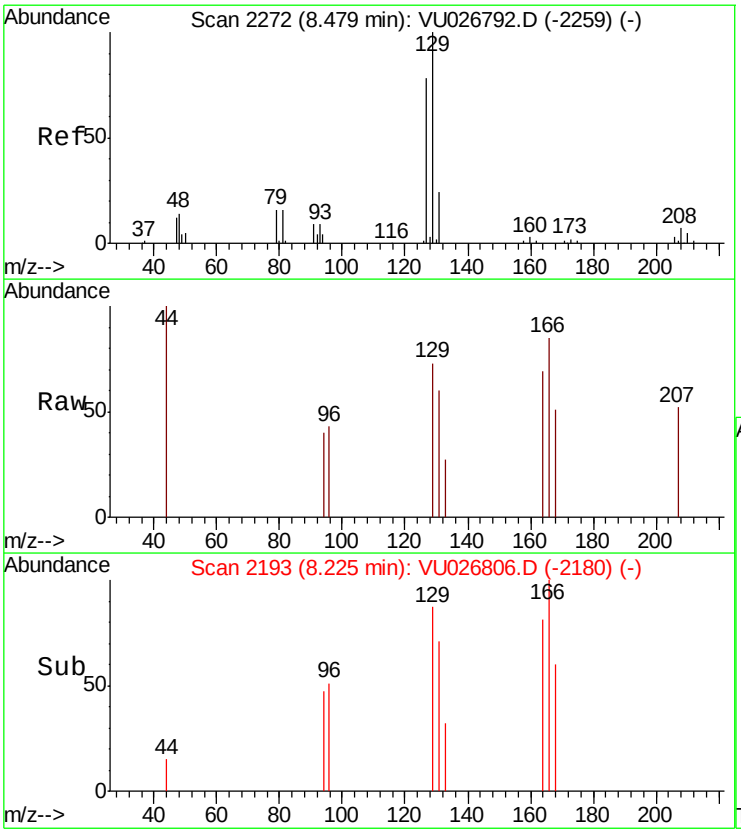
#48
2-Hexanone
Concen: 2.865 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.05 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument : MSVOA_U
ClientSampleId : C0KY3

Tgt Ion: 43 Resp: 8310

Ion	Ratio	Lower	Upper
43	100		
58	42.7	43.7	65.5#
57	45.0	15.2	22.8#
100	6.9	10.1	15.1#

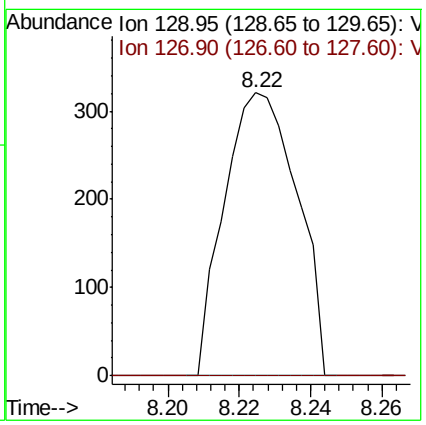


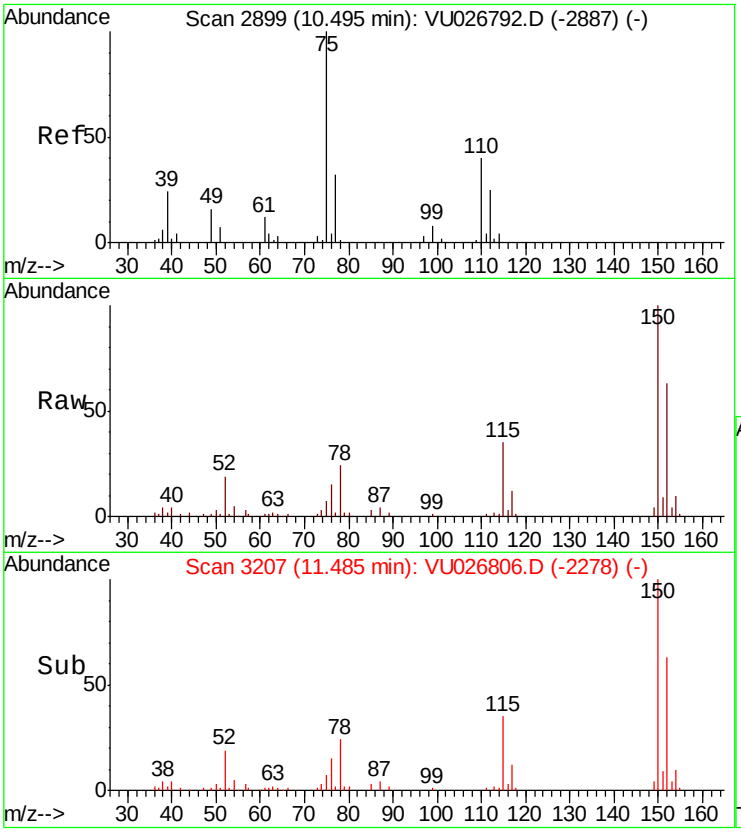


#49
Dibromochloromethane
Concen: 0.078 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.26 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion:129 Resp: 451

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#



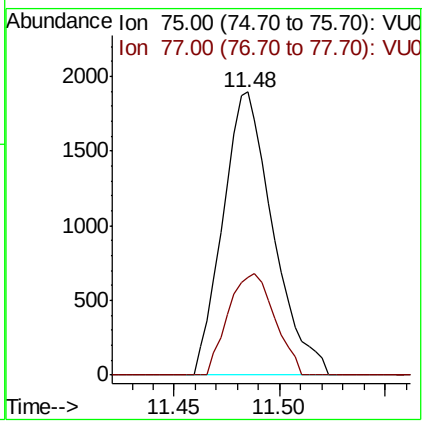


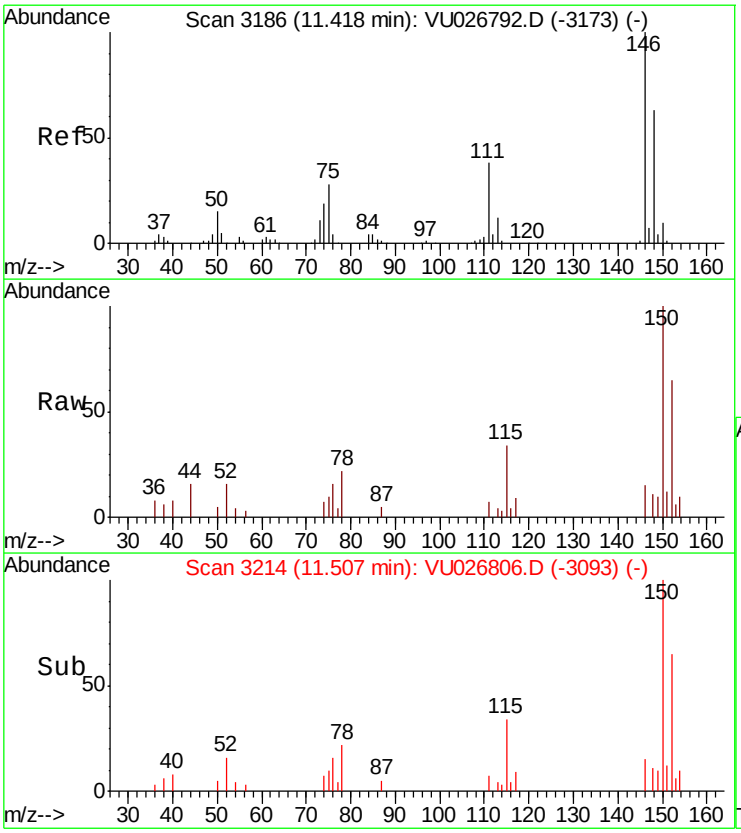
#59
1,2,3-Trichloropropane
Concen: 0.762 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument :
MSVOA_U
ClientSampleId :
C0KY3

Tgt Ion: 75 Resp: 3123

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.9	38.9

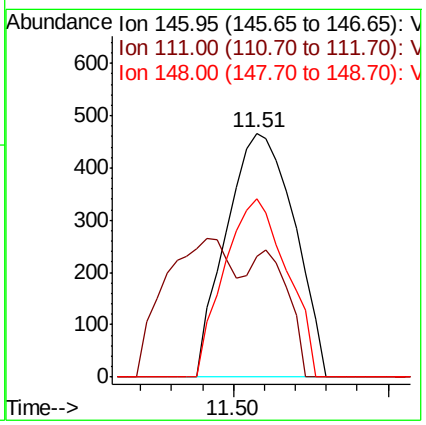


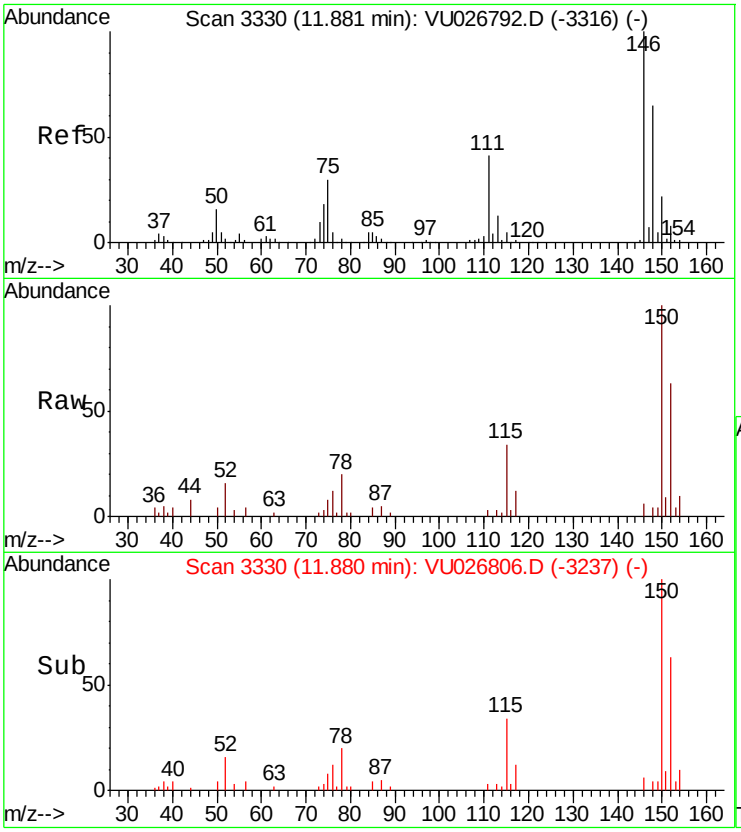


#62
1,3-Dichlorobenzene
Concen: 0.073 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.09 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion:146 Resp: 713

Ion	Ratio	Lower	Upper
146	100		
111	49.4	26.2	48.6#
148	73.0	44.4	82.4



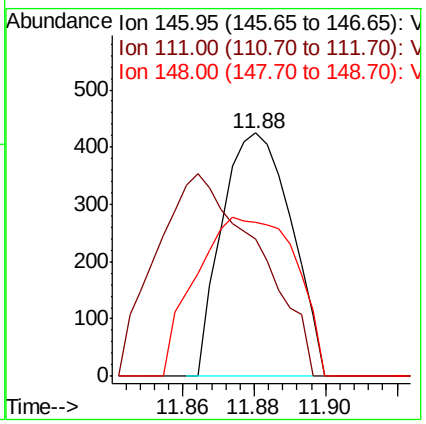


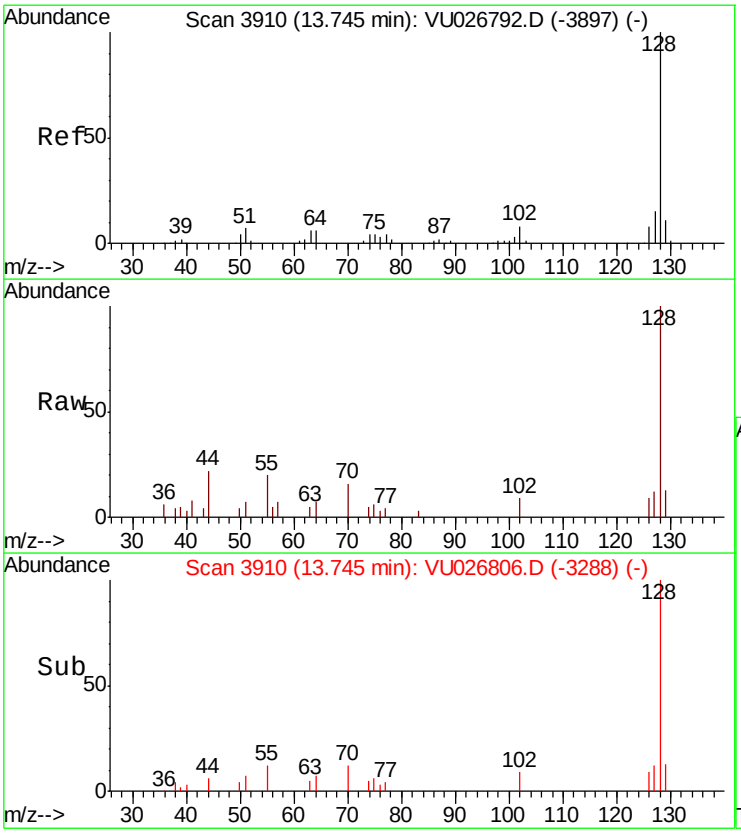
#65
1,2-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Instrument :
MSVOA_U
ClientSampleId :
C0KY3

Tgt Ion:146 Resp: 570

Ion	Ratio	Lower	Upper
146	100		
111	56.2	32.5	48.7#
148	63.1	50.5	75.7





#69
Naphthalene
Concen: 0.592 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026806.D
Acq: 16 Sep 2018 04:22

Tgt Ion:128 Resp: 5668

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	10.9	10.8	16.2