Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041520\
Data File : VU037727.D
Acq On : 15 Apr 2020 12:36
Operator : JC/MD
Sample : L2275-18DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Apr 16 01:25:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132931	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91214	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.89	69	75076	4.61	ug/L	-0.04
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.58	63	116356	3.39	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	4.66	46	271043	51.16	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.32%			
24) Chloroform-d	5.10	84	147870	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.74	65	88209	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.76	84	321532	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.72	67	107842	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.92	98	289397	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	8.20	79	46023	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.66	63	276210	55.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.04%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92367	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	118268	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
6) Bromomethane	1.84	94	1510	0.098	ug/L	92
12) 1,1-Dichloroethene	2.58	96	1256	0.071	ug/L #	1
16) Methylene chloride	3.07	84	3522	0.178	ug/L	99
25) Chloroform	5.12	83	27449	0.783	ug/L	98
38) Bromodichloromethane	7.13	83	1943	0.075	ug/L #	96
47) Tetrachloroethene	8.57	164	118829	8.203	ug/L	96
49) Dibromochloromethane	8.57	129	114319	6.823	ug/L #	11
52) Ethylbenzene	9.59	91	7467	0.078	ug/L	99
54) o-Xylene	10.12	106	3349	0.094	ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	19551	1.373	ug/L	93

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

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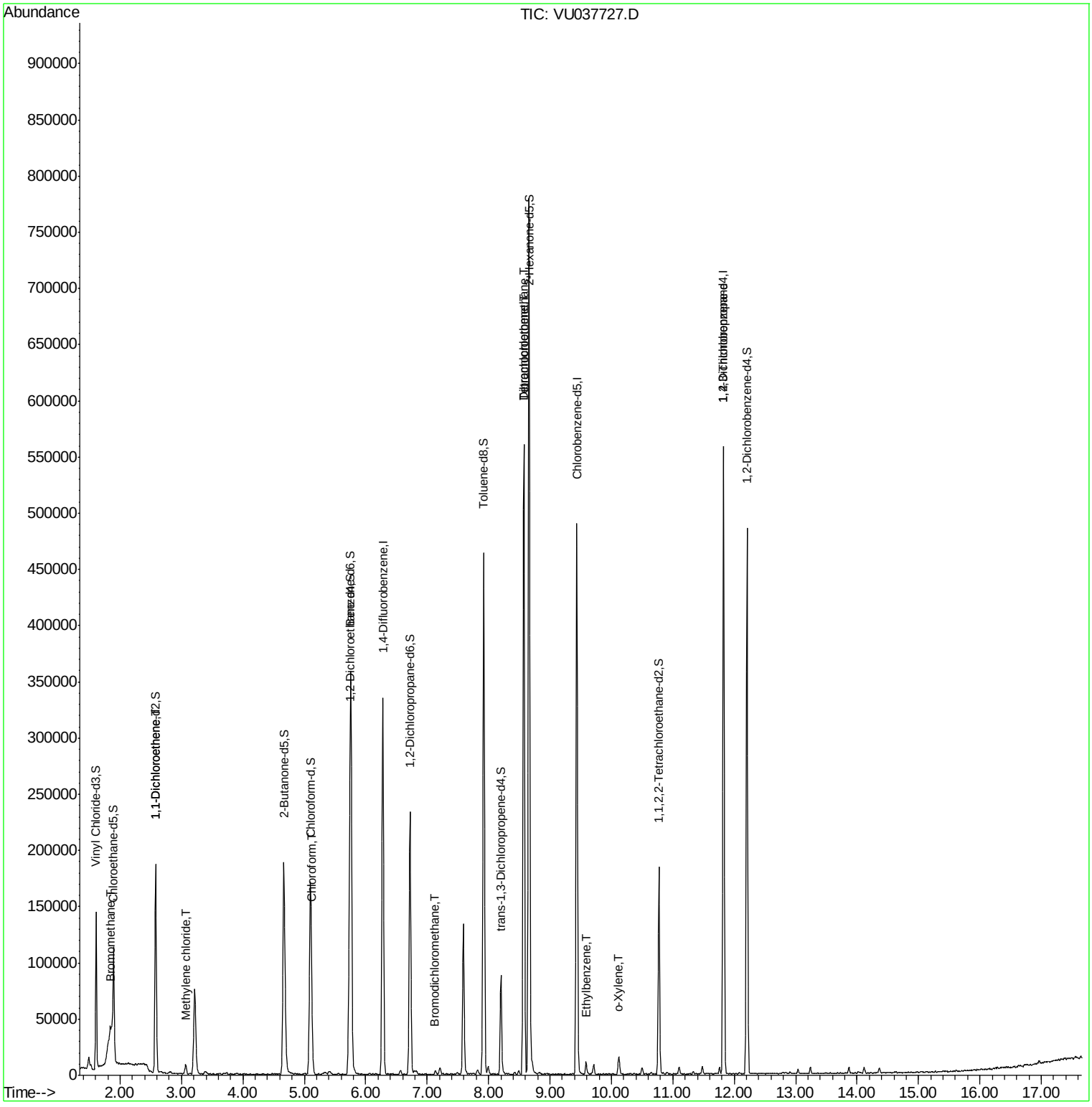
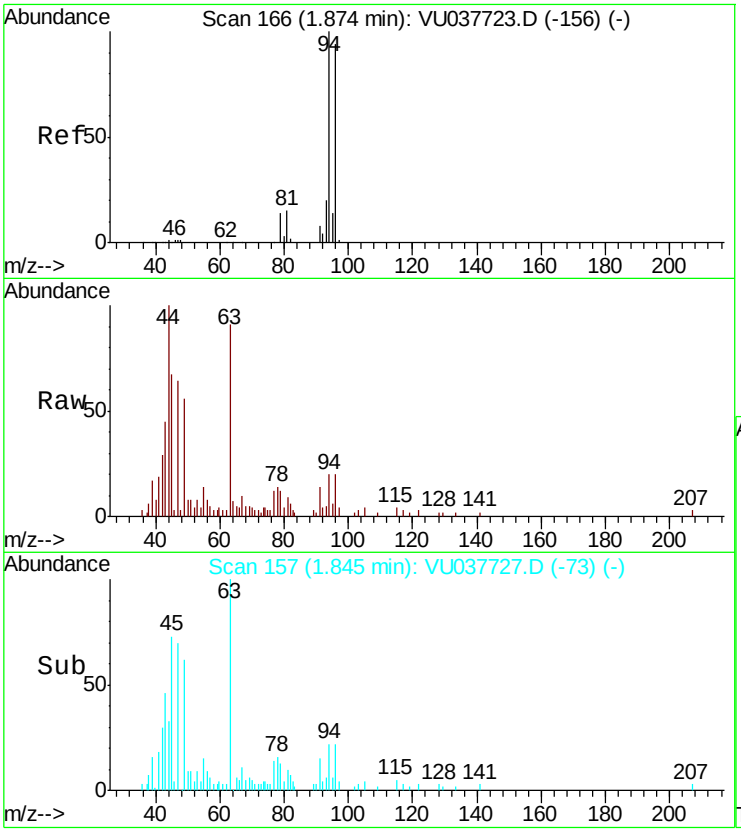
Operator : JC/MD
Sample : L2275-18DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 16 01:25:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 01:23:00 2020
Response via : Initial Calibration



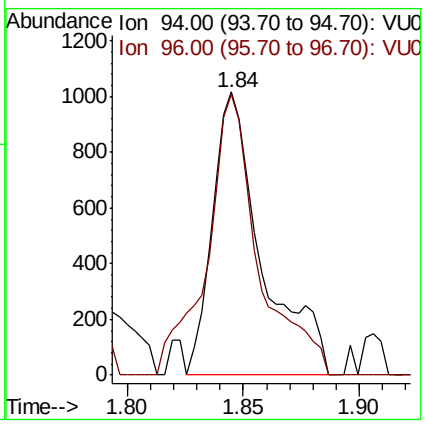


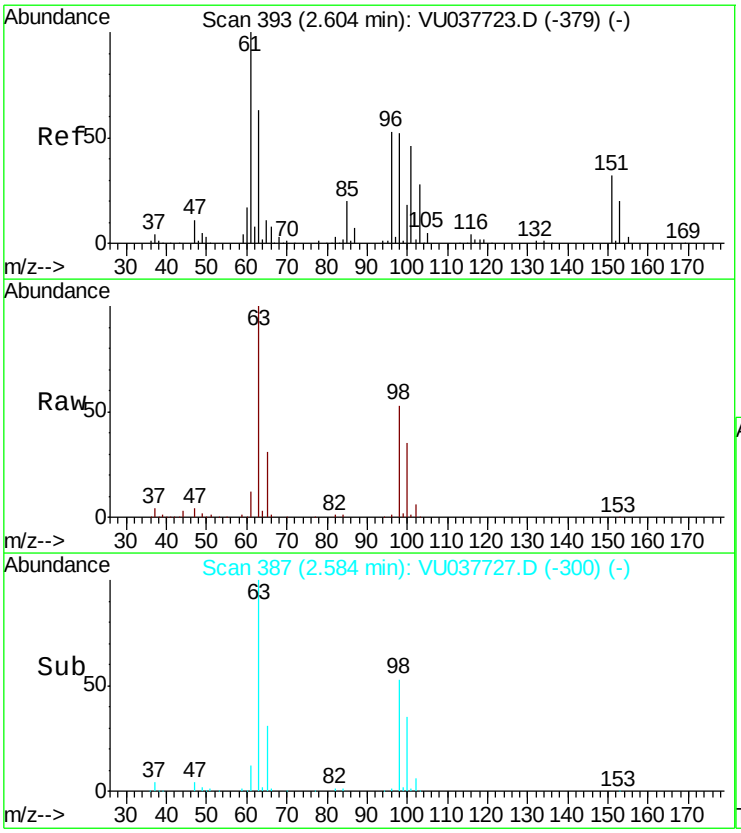
#6
Bromomethane
Concen: 0.098 ug/L
RT: 1.84 min Scan# 157
Delta R.T. -0.03 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 94 Resp: 1510

Ion	Ratio	Lower	Upper
94	100		
96	99.3	64.4	119.6

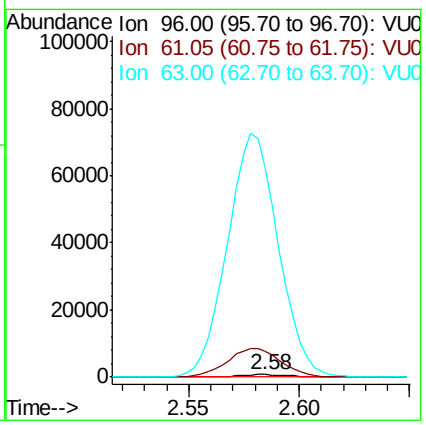


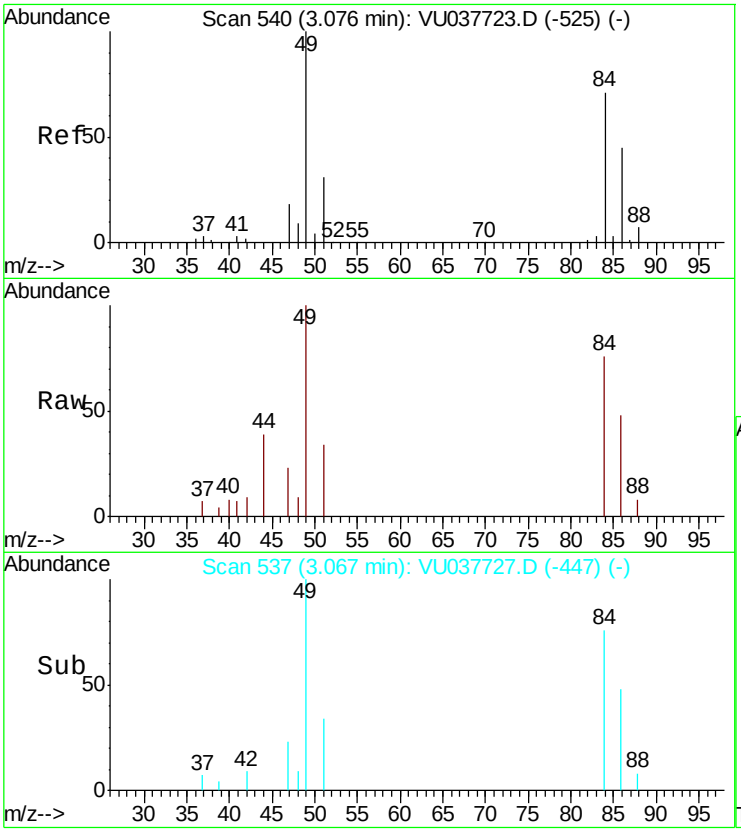


#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.02 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Tgt Ion: 96 Resp: 1256

Ion	Ratio	Lower	Upper
96	100		
61	1081.3	127.7	237.3#
63	8774.4	85.0	157.8#



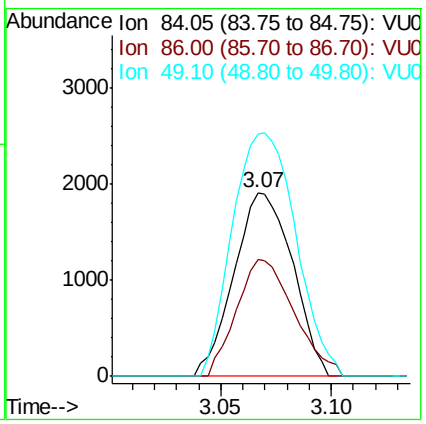


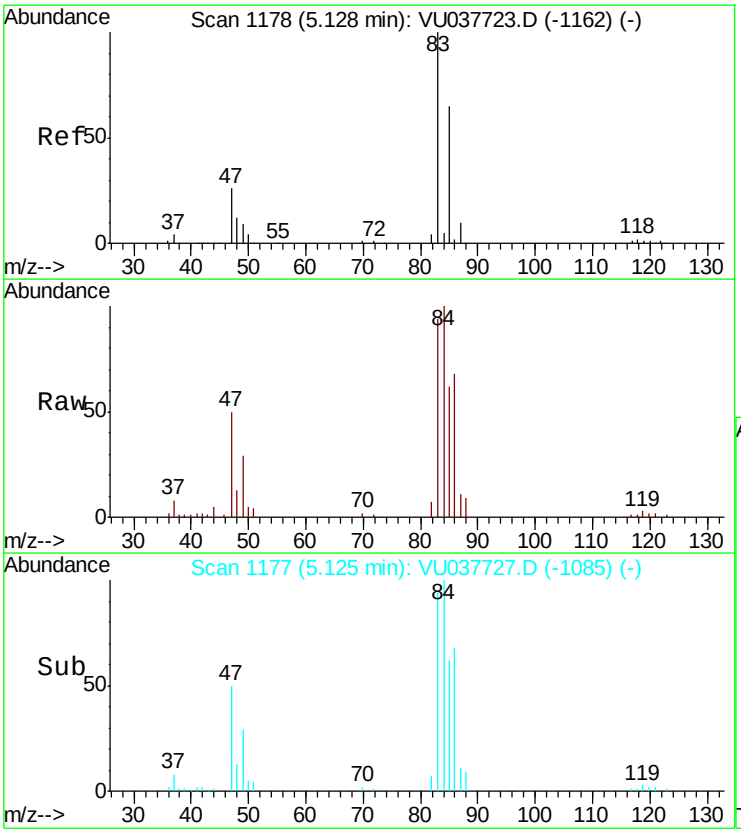
#16
Methylene chloride
Concen: 0.178 ug/L
RT: 3.07 min Scan# 537
Delta R.T. -0.01 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 3522

Ion	Ratio	Lower	Upper
84	100		
86	63.6	44.2	82.0
49	131.4	92.4	171.6

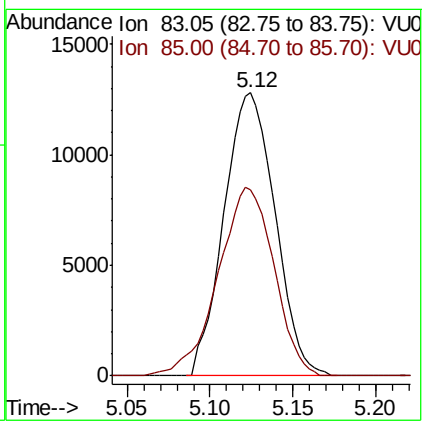


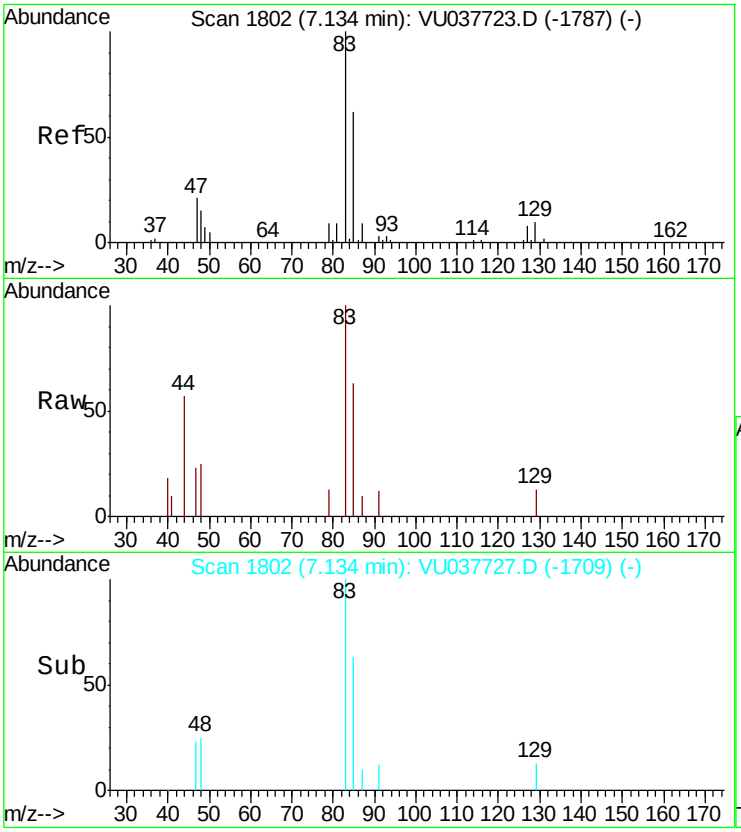


#25
Chloroform
Concen: 0.783 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Tgt Ion: 83 Resp: 27449

Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.9	83.3



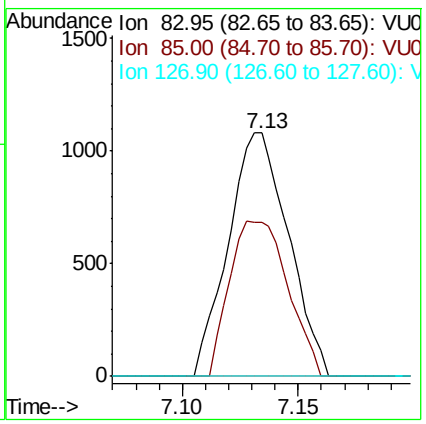


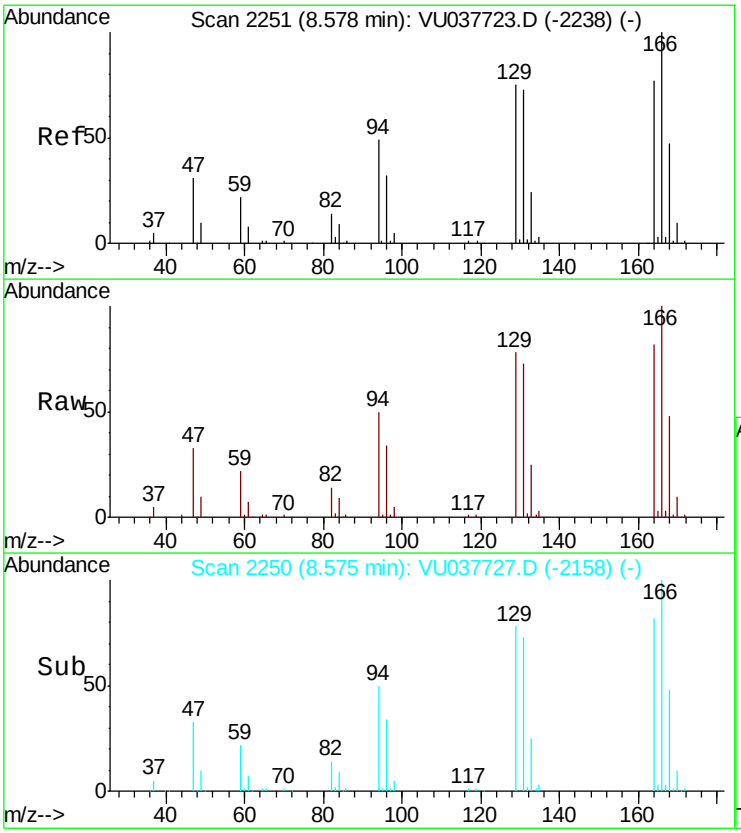
#38
Bromodichloromethane
Concen: 0.075 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1943

Ion	Ratio	Lower	Upper
83	100		
85	63.4	45.1	83.7
127	0.0	6.6	9.8#

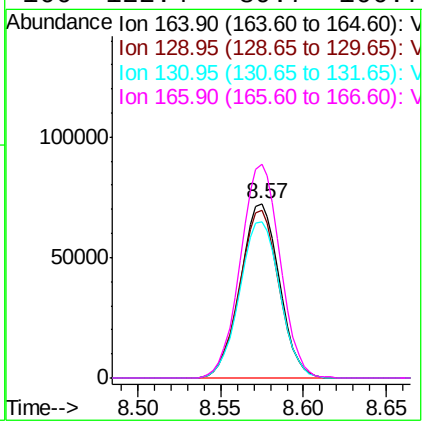


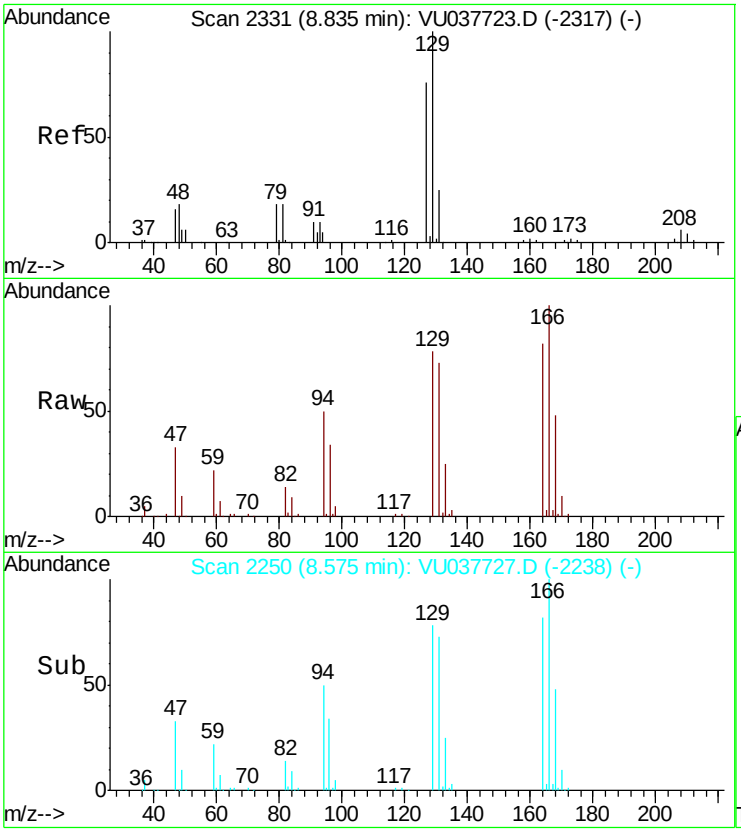


#47
Tetrachloroethene
Concen: 8.203 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Tgt Ion:164 Resp: 118829

Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.1	126.5
131	89.6	65.9	122.5
166	122.4	89.7	166.7



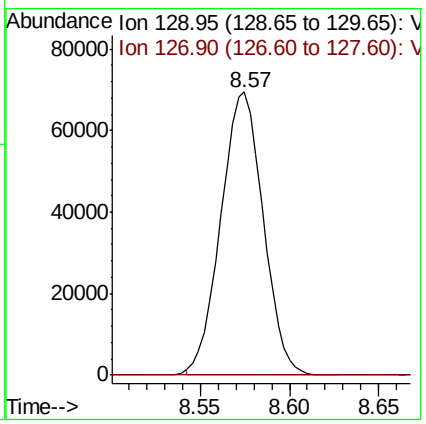


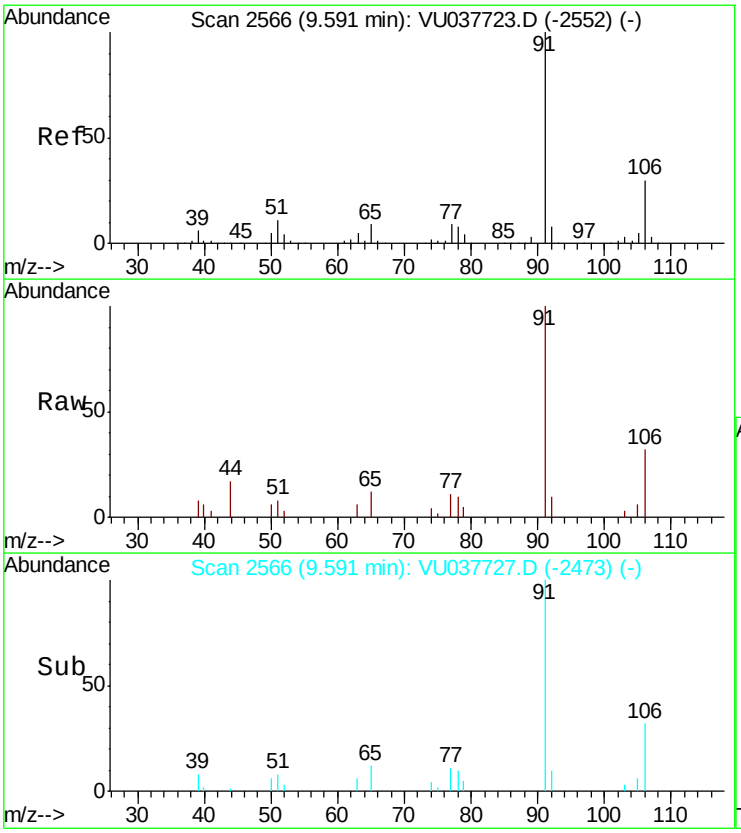
#49
Dibromochloromethane
Concen: 6.823 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 114319

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#

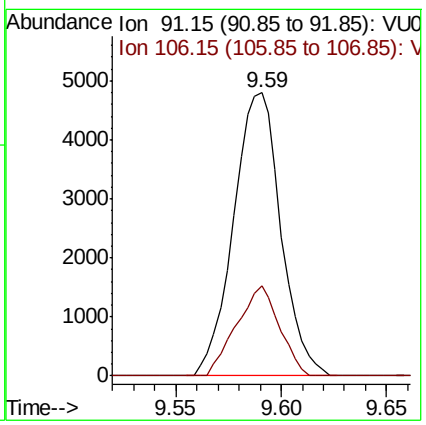


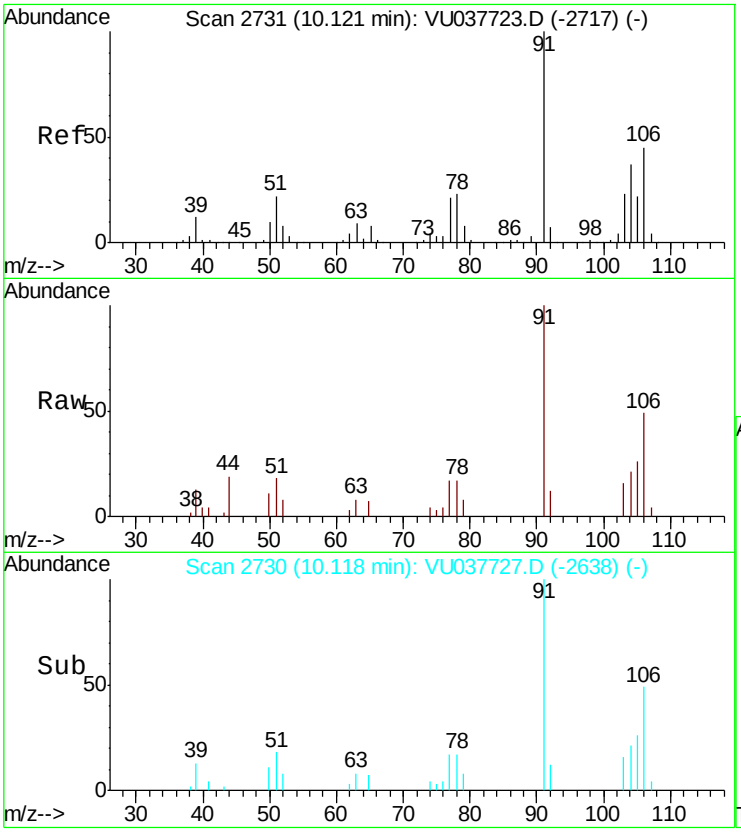


#52
Ethylbenzene
Concen: 0.078 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Tgt Ion: 91 Resp: 7467

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.7	40.3



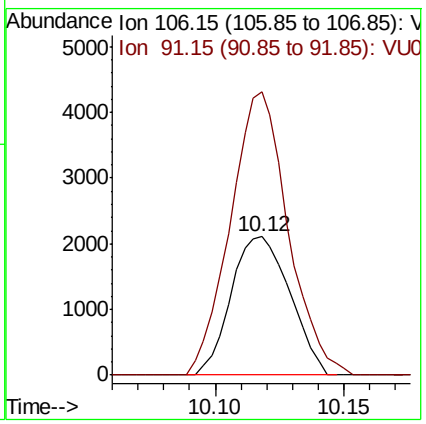


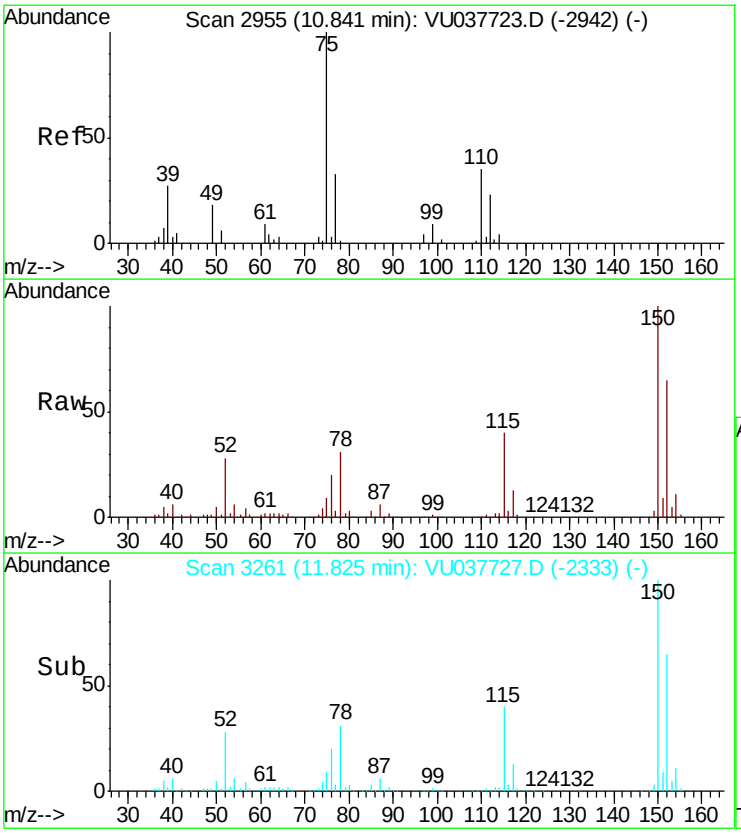
#54
o-Xylene
Concen: 0.094 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3349

Ion	Ratio	Lower	Upper
106	100		
91	204.1	151.1	280.7





#59
1,2,3-Trichloropropane
Concen: 1.373 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037727.D
Acq: 15 Apr 2020 12:36

Tgt Ion: 75 Resp: 19551

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.4	38.2