Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032881.D
Acq On : 20 Jun 2019 00:31
Operator : JC/SP
Sample : K3414-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM3

Quant Time: Jun 20 07:30:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 07:24:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89843	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46037	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	26213	4.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.80%			
7) Chloroethane-d5	1.68	69	23462	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.27	63	42952	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.40%			
20) 2-Butanone-d5	4.19	46	105252	64.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.12%			
24) Chloroform-d	4.64	84	61484	5.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.40%			
26) 1,2-Dichloroethane-d4	5.30	65	35628	6.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 130.40%#			
32) Benzene-d6	5.33	84	112914	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.32	67	37791	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.56	98	98012	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	7.85	79	14419	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.31	63	76740	53.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32697	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	44690	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			

Target Compounds						Qvalue
14) Carbon disulfide	2.47	76	5668	0.310	ug/L #	91
16) Methylene chloride	2.69	84	1076	0.170	ug/L	93
25) Chloroform	4.67	83	44295	3.933	ug/L	95
31) Carbon tetrachloride	5.13	117	13171	1.349	ug/L	98
35) Methylcyclohexane	6.32	83	8427	0.701	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4573	0.680	ug/L #	89
42) Toluene	7.63	91	8994	0.311	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	720	0.087	ug/L	86
48) 2-Hexanone	8.36	43	4198	1.228	ug/L #	78
53) m,p-Xylene	9.37	106	1520	0.126	ug/L	80
59) 1,2,3-Trichloropropane	11.48	75	6412	1.452	ug/L	91

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

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Instrument :
MSVOA_U
ClientSampleId :
GALM3

Quant Time: Jun 20 07:30:10 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 07:24:34 2019
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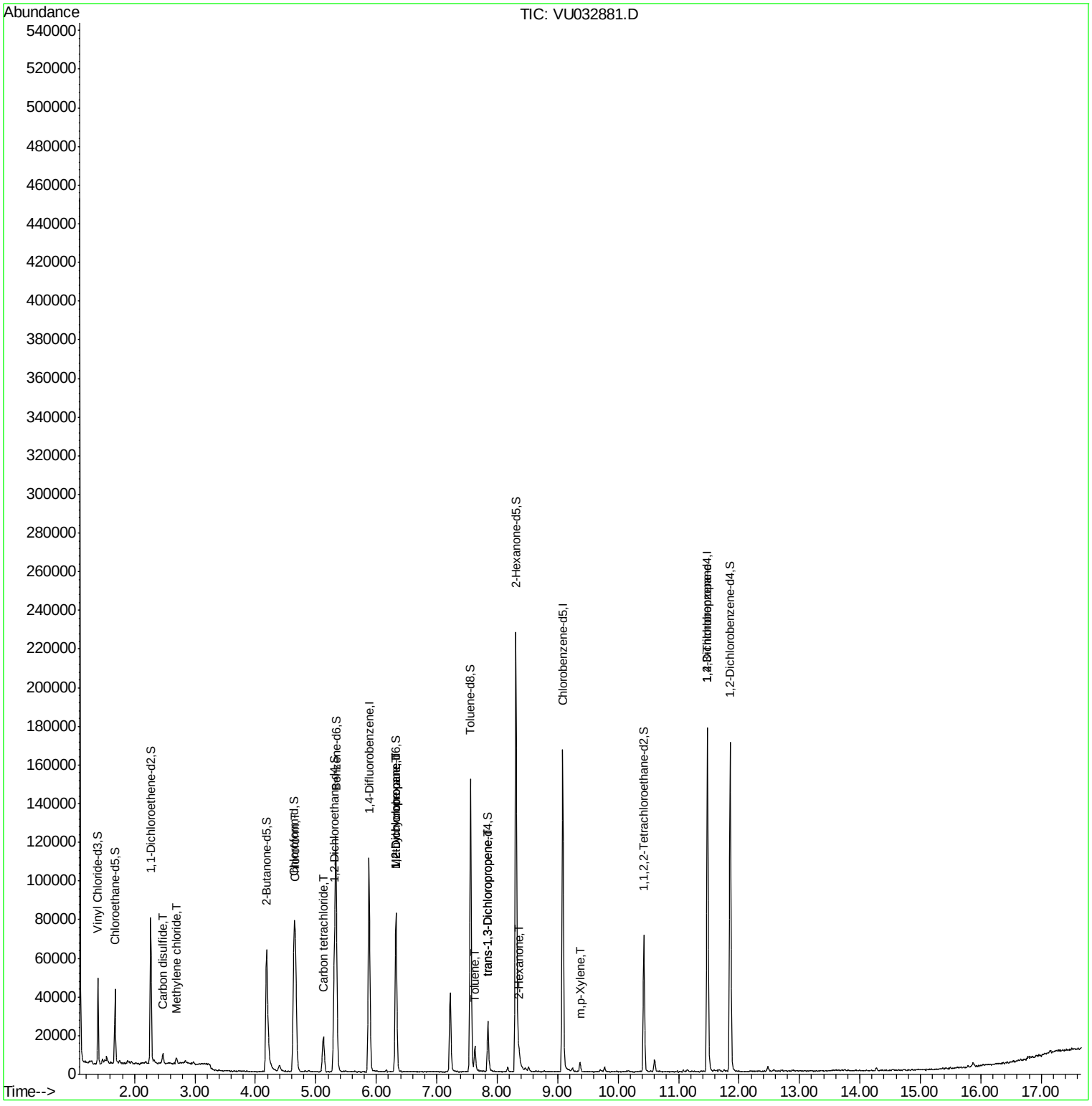
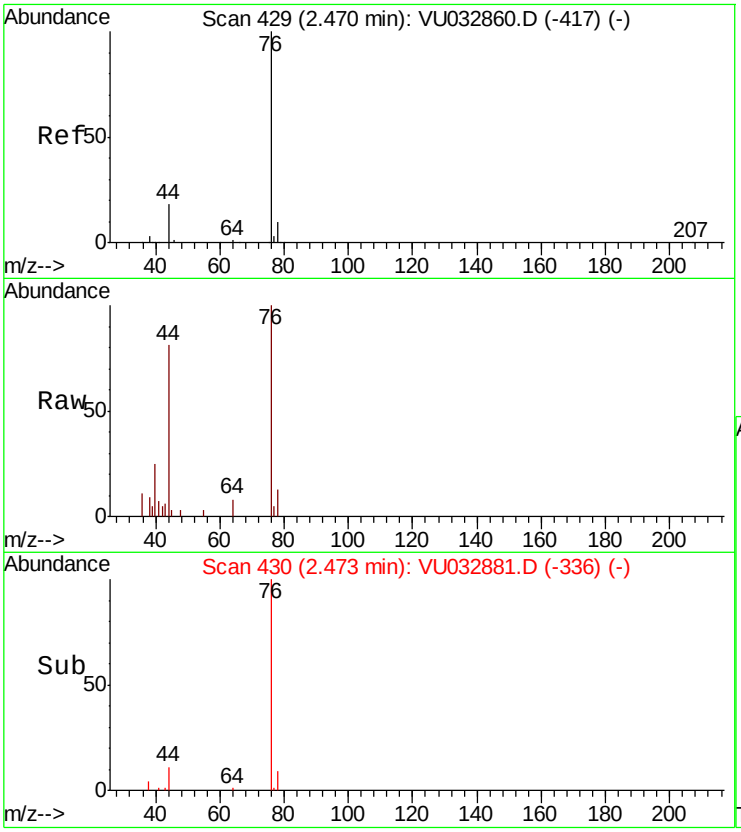


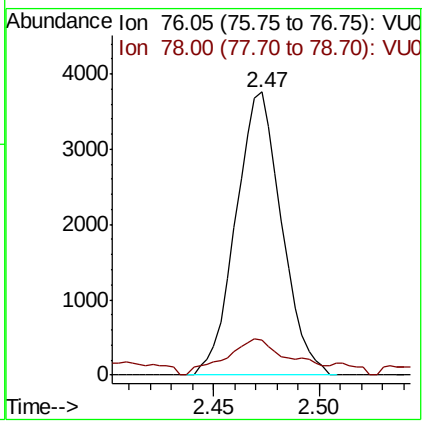


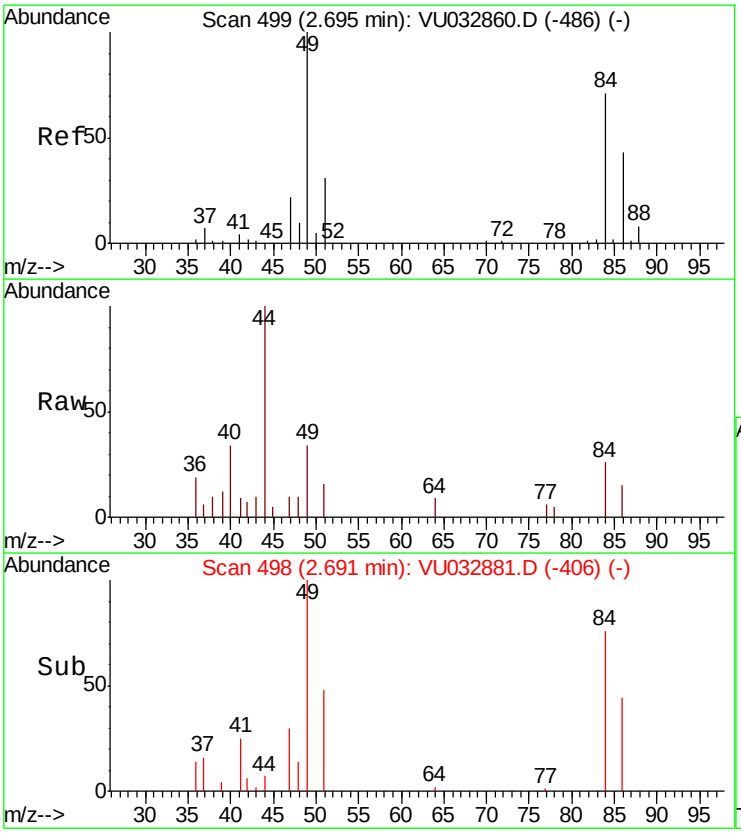
#14
Carbon disulfide
Concen: 0.310 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
GALM3

Tgt Ion: 76 Resp: 5668

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.3	10.9#

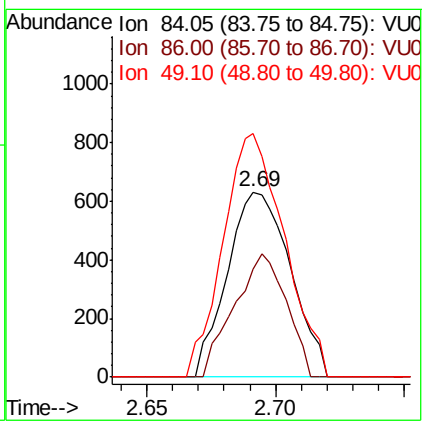


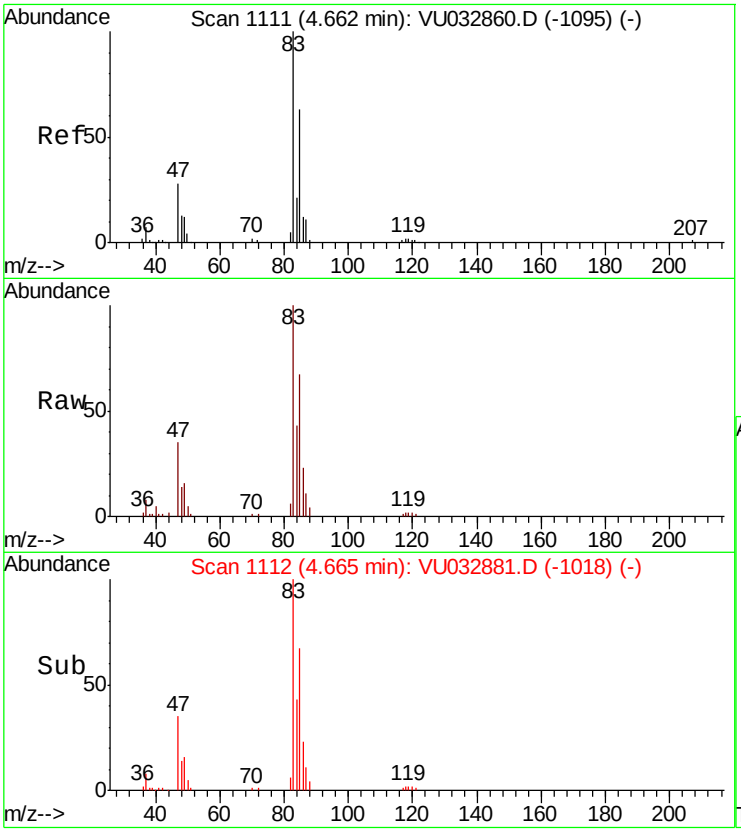


#16
Methylene chloride
Concen: 0.170 ug/L
RT: 2.69 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Tgt Ion: 84 Resp: 1076

Ion	Ratio	Lower	Upper
84	100		
86	58.4	47.2	87.6
49	131.5	95.9	178.1



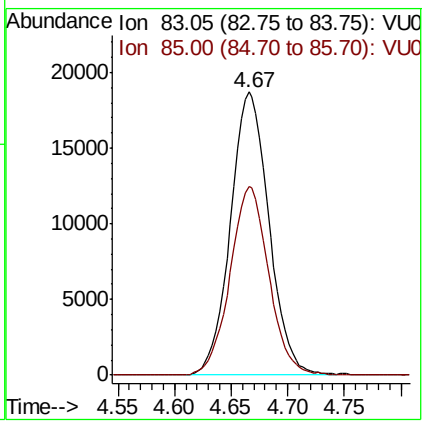


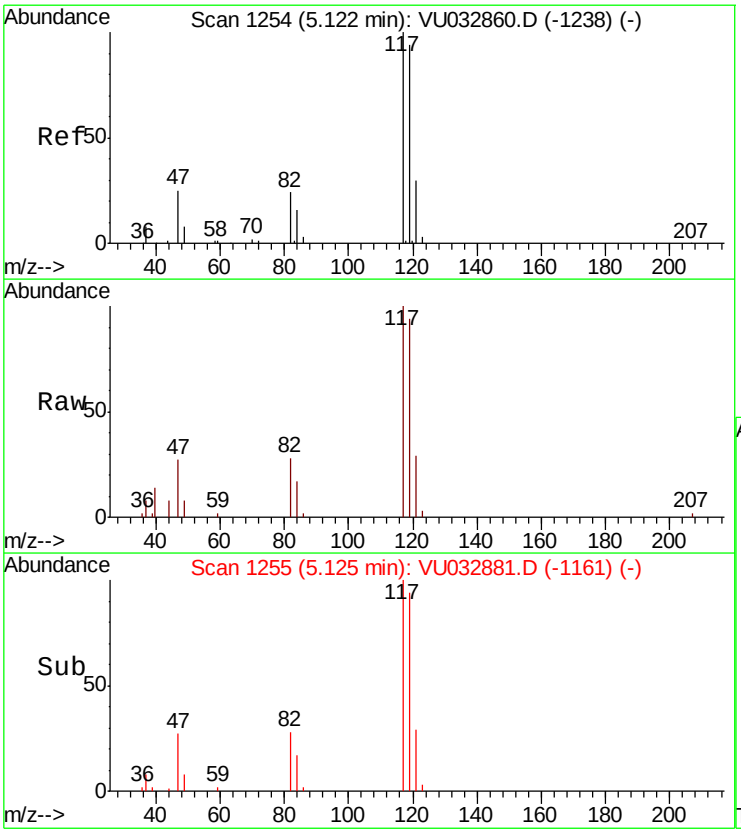
#25
Chloroform
Concen: 3.933 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
GALM3

Tgt Ion: 83 Resp: 44295

Ion	Ratio	Lower	Upper
83	100		
85	66.7	43.8	81.3

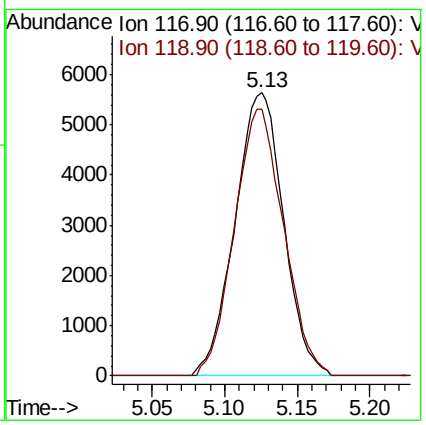


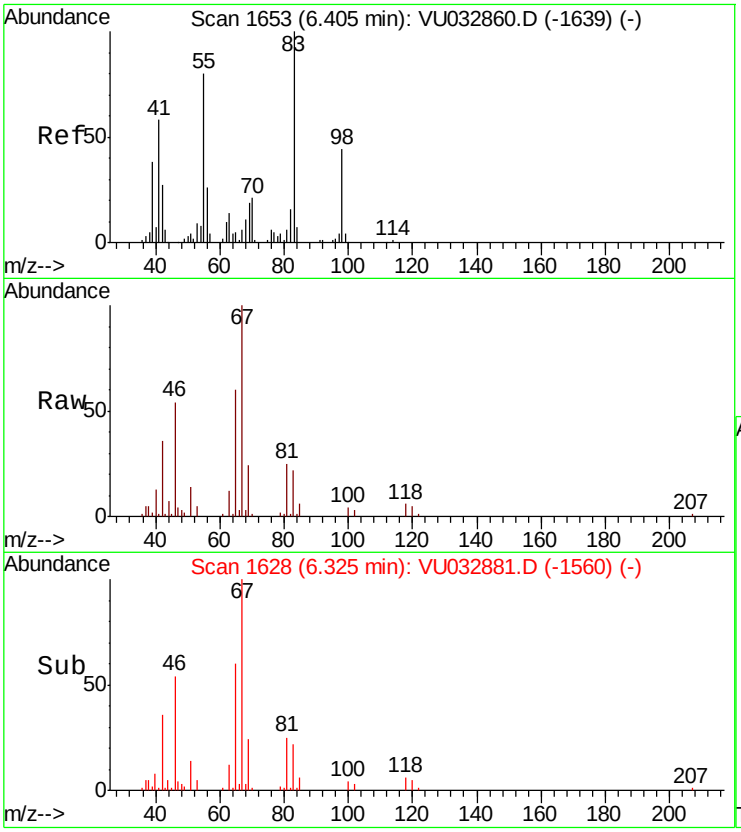


#31
Carbon tetrachloride
Concen: 1.349 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Tgt Ion:117 Resp: 13171

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.8	116.6



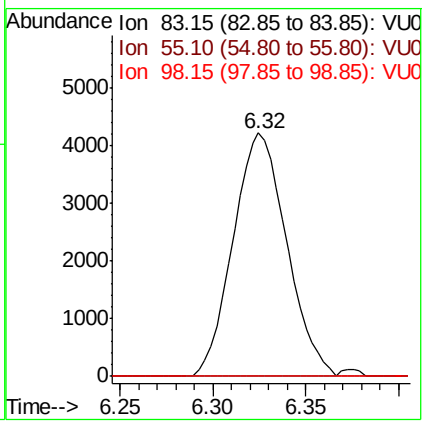


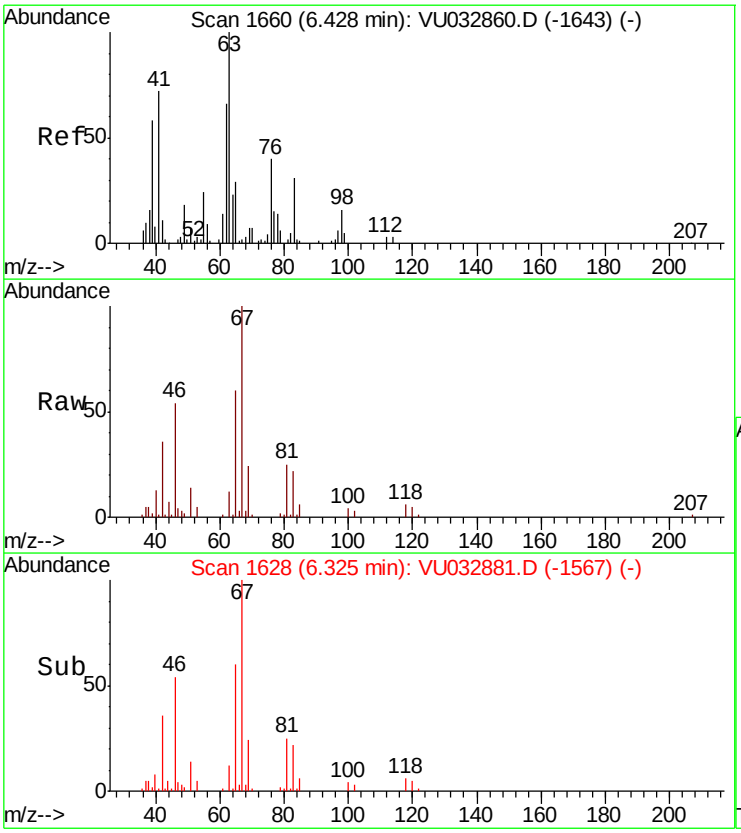
#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
GALM3

Tgt Ion: 83 Resp: 8427

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.0	37.8	56.8#

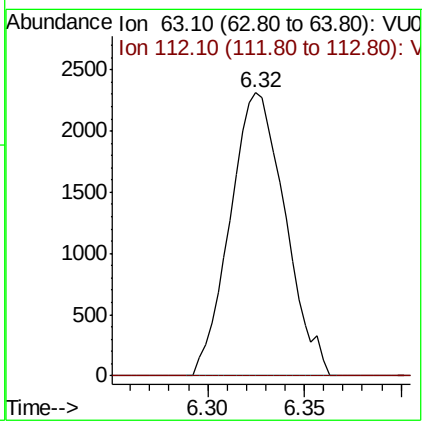


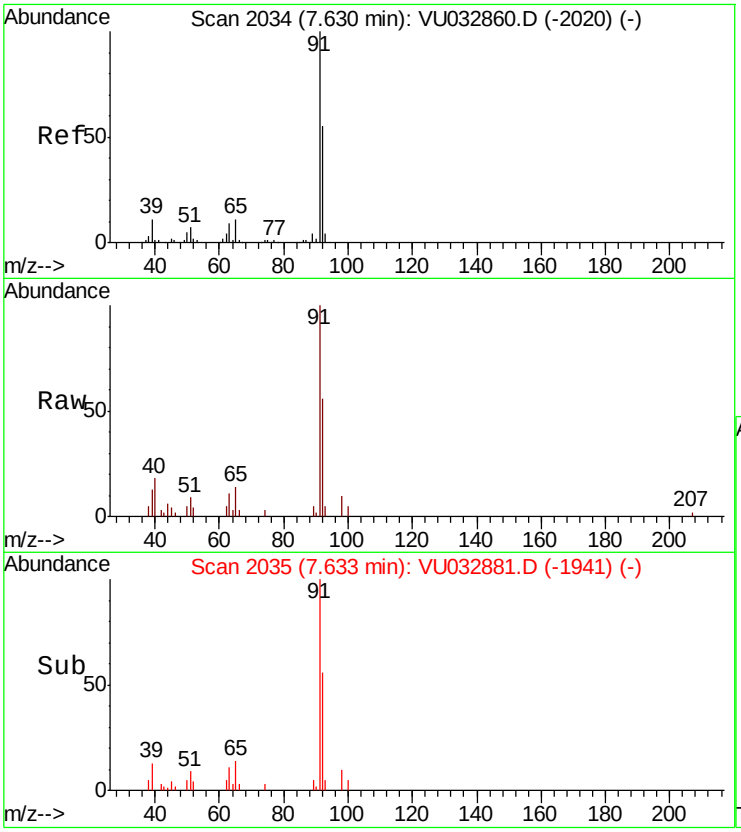


#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Tgt Ion: 63 Resp: 4573

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



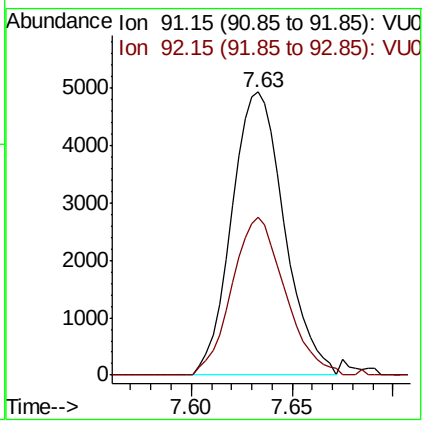


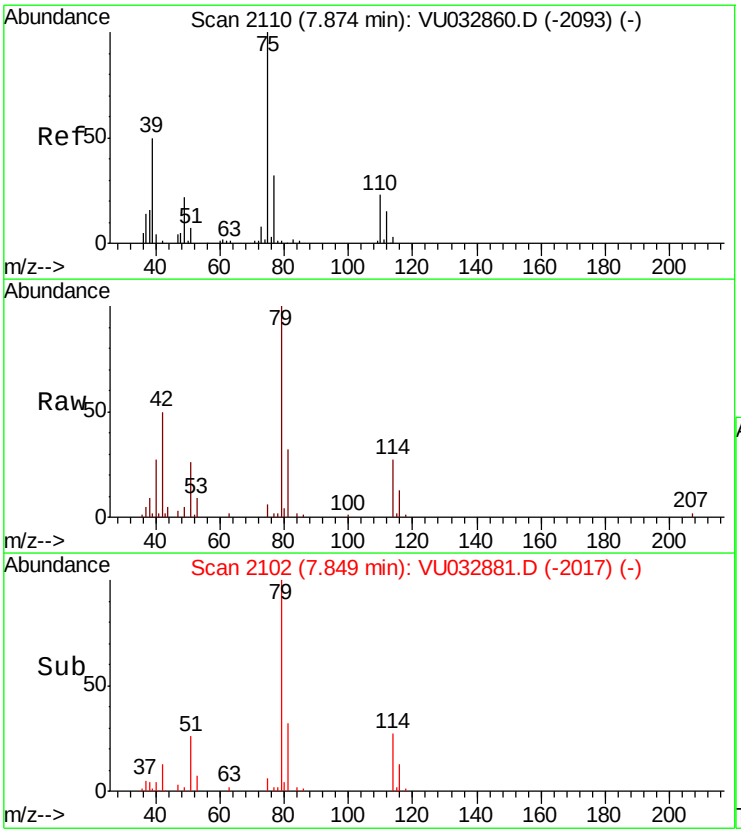
#42
Toluene
Concen: 0.311 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
GALM3

Tgt Ion: 91 Resp: 8994

Ion	Ratio	Lower	Upper
91	100		
92	55.9	40.9	75.9

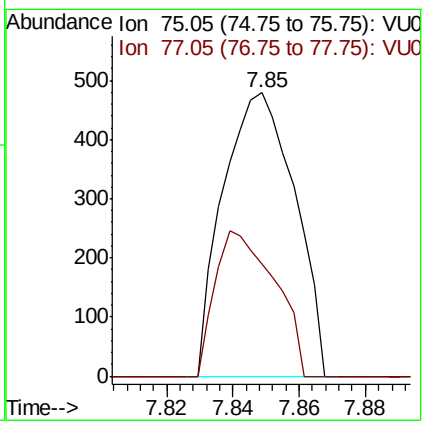


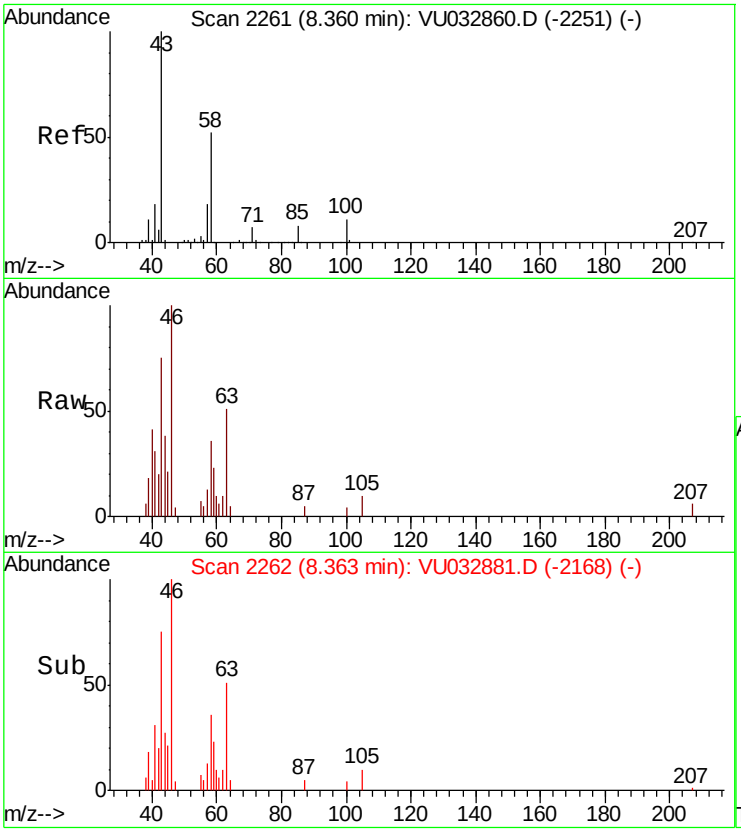


#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Tgt Ion: 75 Resp: 720

Ion	Ratio	Lower	Upper
75	100		
77	39.7	22.5	41.7



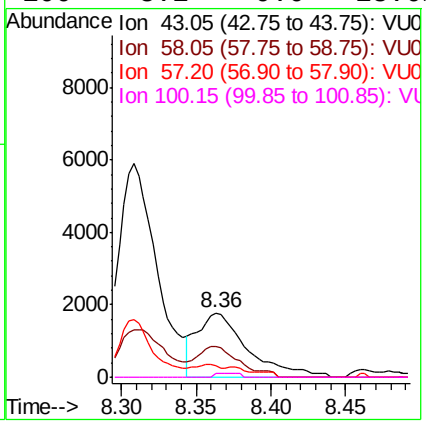


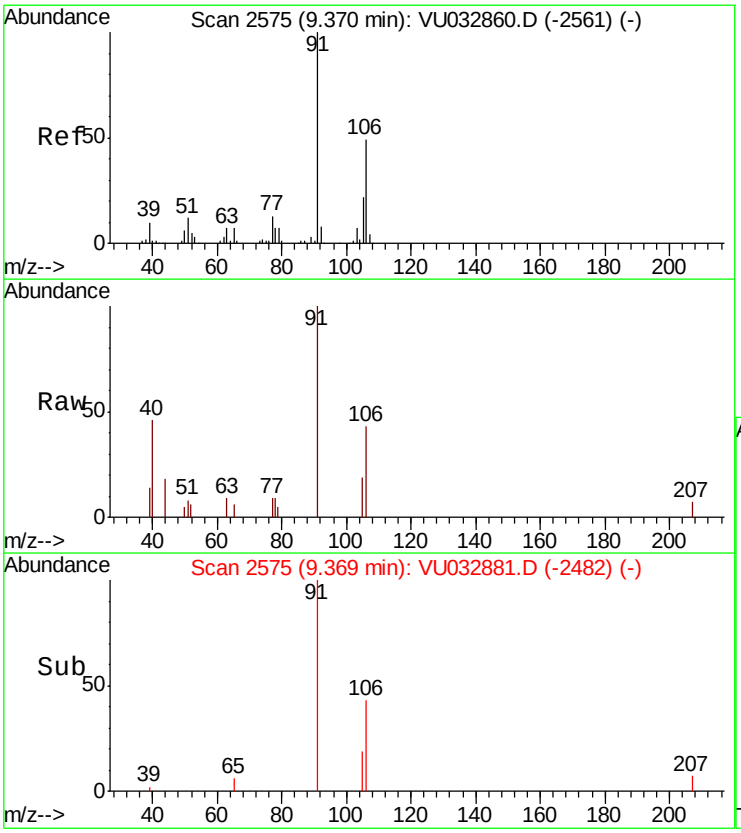
#48
2-Hexanone
Concen: 1.228 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Instrument : MSVOA_U
ClientSampleId : GALM3

Tgt Ion: 43 Resp: 4198

Ion	Ratio	Lower	Upper
43	100		
58	40.2	41.9	62.9#
57	3.0	15.1	22.7#
100	3.1	9.0	13.6#

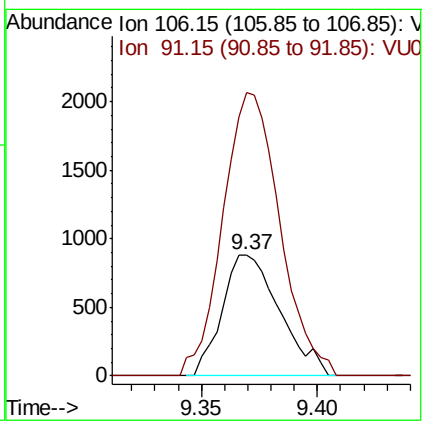


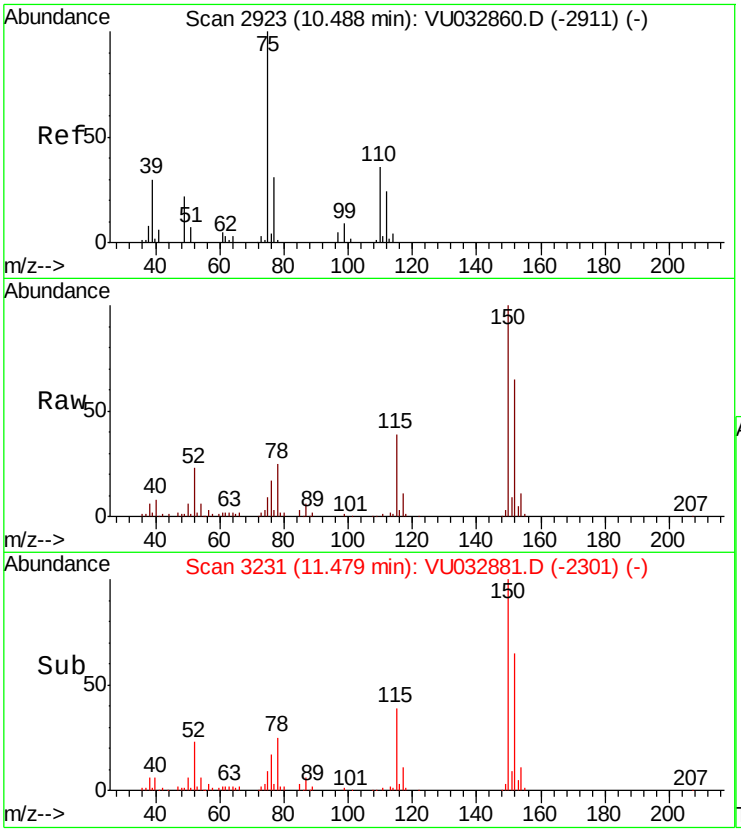


#53
m,p-Xylene
Concen: 0.126 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Tgt Ion:106 Resp: 1520

Ion	Ratio	Lower	Upper
106	100		
91	233.5	142.4	264.4





#59
1,2,3-Trichloropropane
Concen: 1.452 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032881.D
Acq: 20 Jun 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
GALM3

Tgt Ion: 75 Resp: 6412

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.3	37.9