Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\

Quantitation Report (Not Reviewed)

Data File : VU032911.D
Acq On : 20 Jun 2019 19:38
Operator : JC/SP
Sample : K3413-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG2

Quant Time: Jun 21 07:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93128	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.08	117	92448	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47574	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	24335	4.02	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.40%				
7) Chloroethane-d5	1.68	69	21641	4.18	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%				
11) 1,1-Dichloroethene-d2	2.27	63	40616	3.31	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.20%				
20) 2-Butanone-d5	4.18	46	104793	62.01	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.02%				
24) Chloroform-d	4.64	84	57714	5.27	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%				
26) 1,2-Dichloroethane-d4	5.31	65	34538	6.10	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.00%				
32) Benzene-d6	5.33	84	108137	4.71	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%				
36) 1,2-Dichloropropane-d6	6.32	67	36226	5.12	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%				
41) Toluene-d8	7.56	98	96195	4.53	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%				
43) trans-1,3-Dichloropropene-	7.85	79	14554	4.81	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%				
46) 2-Hexanone-d5	8.31	63	77253	50.93	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.86%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34008	5.70	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.00%				
64) 1,2-Dichlorobenzene-d4	11.85	152	43056	5.03	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%				
Target Compounds							Qvalue
13) Acetone	2.32	43	2999	2.287	ug/L		92
14) Carbon disulfide	2.47	76	2083	0.110	ug/L	#	83
15) Methyl Acetate	2.63	43	687	0.191	ug/L	#	53
17) Methyl tert-butyl Ether	3.00	73	25807	1.491	ug/L	#	92
35) Methylcyclohexane	6.32	83	8503	0.674	ug/L	#	19
37) 1,2-Dichloropropane	6.32	63	4326	0.613	ug/L	#	89
44) trans-1,3-Dichloropropene	7.85	75	761	0.088	ug/L	#	77
47) Tetrachloroethene	8.22	164	63508	10.293	ug/L		97
48) 2-Hexanone	8.36	43	4098	1.143	ug/L	#	79
49) Dibromochloromethane	8.22	129	60287	9.186	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	6029	1.302	ug/L		91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\

Quantitation Report (Not Reviewed)

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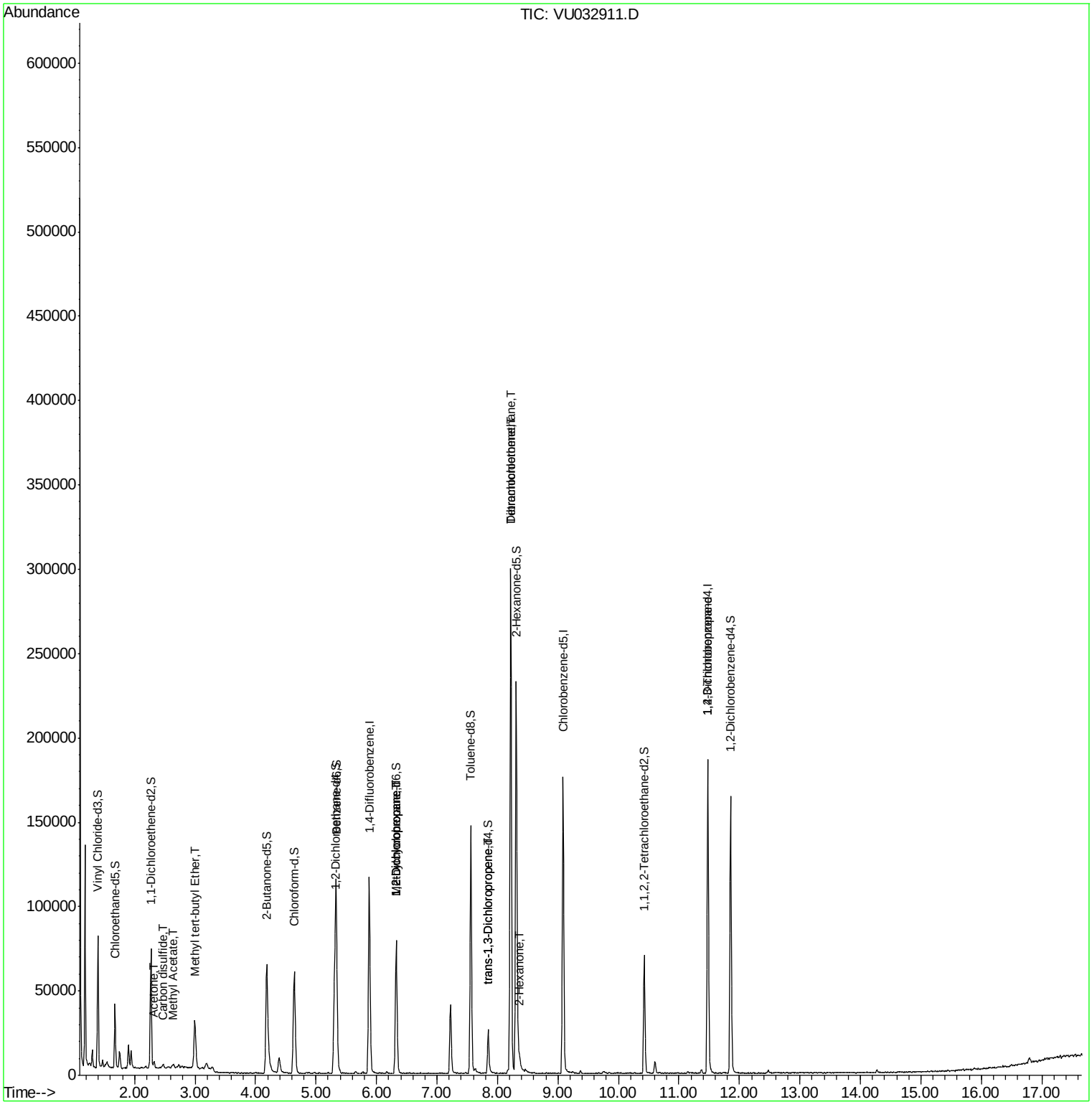
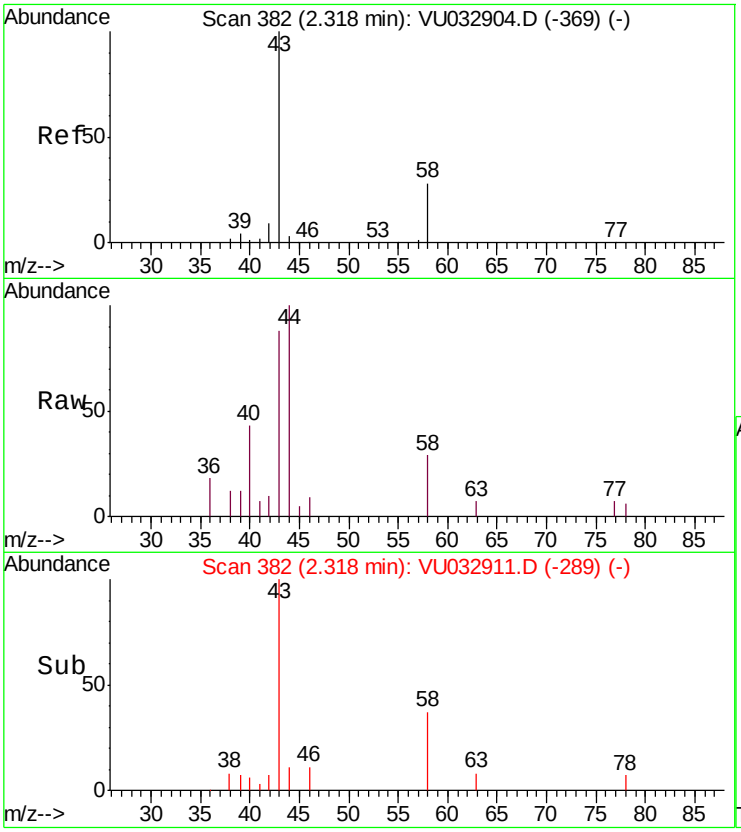
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 07:36:10 2019
Response via : Initial Calibration



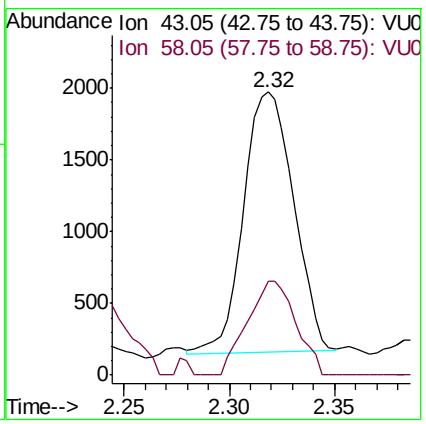


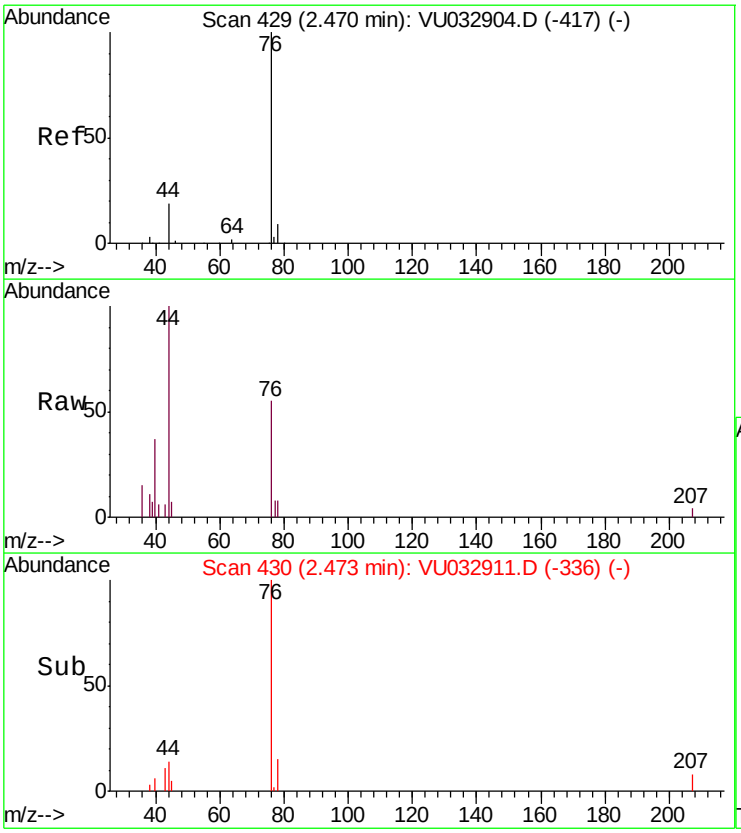
#13
Acetone
Concen: 2.287 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Instrument :
MSVOA_U
ClientSampleId :
GALG2

Tgt Ion: 43 Resp: 2999

Ion	Ratio	Lower	Upper
43	100		
58	34.9	0.0	60.8

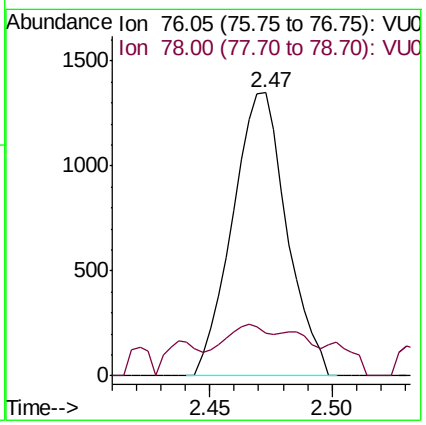


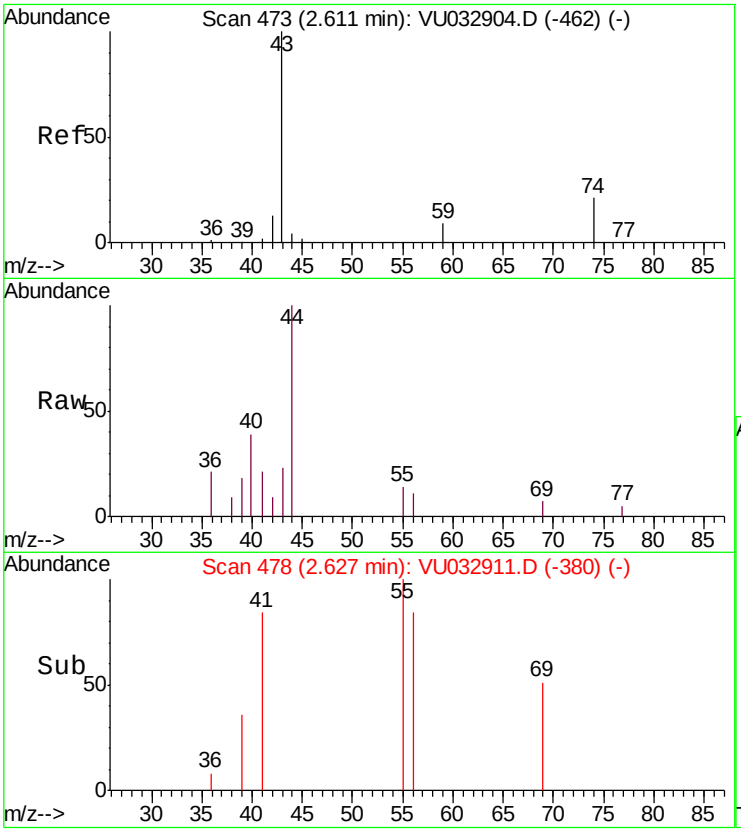


#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Tgt Ion: 76 Resp: 2083

Ion	Ratio	Lower	Upper
76	100		
78	15.3	7.3	10.9#



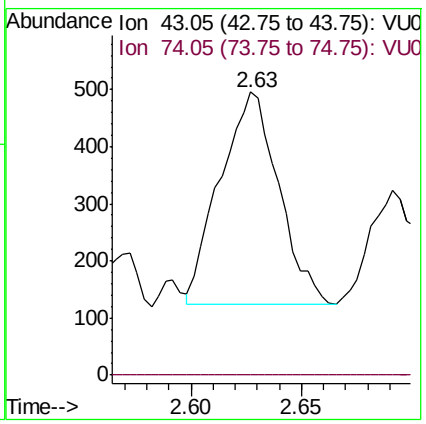


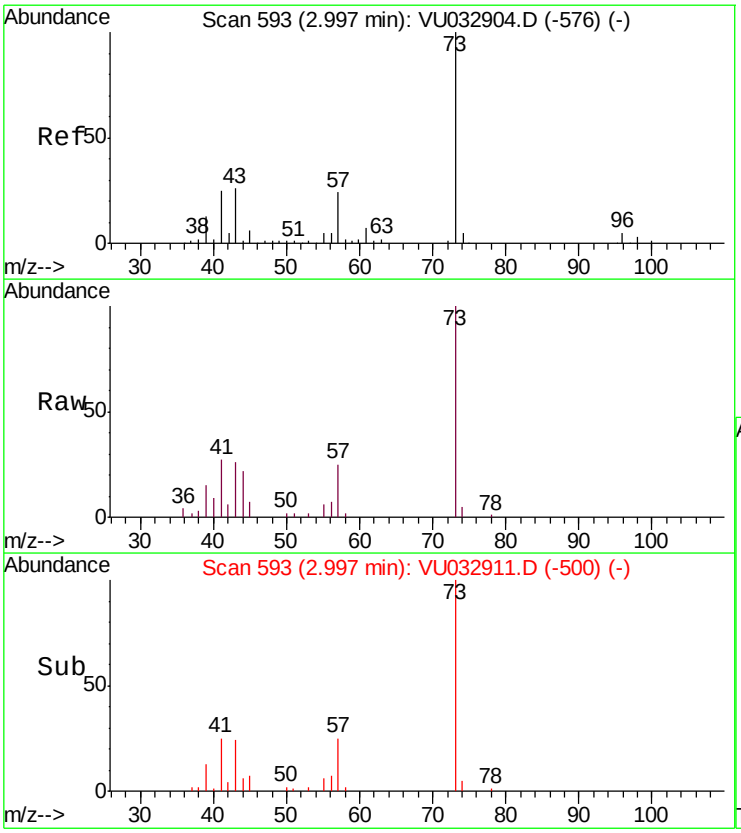
#15
Methyl Acetate
Concen: 0.191 ug/L
RT: 2.63 min Scan# 478
Delta R.T. 0.02 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Instrument : MSVOA_U
ClientSampleId : GALG2

Tgt Ion: 43 Resp: 687

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#

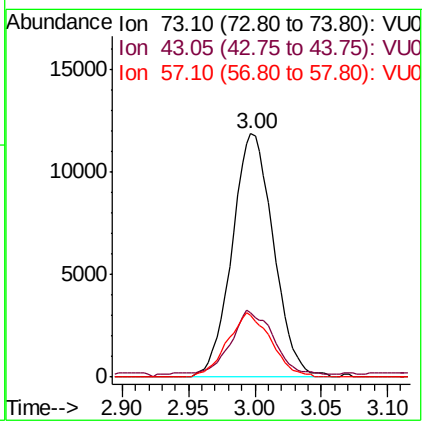


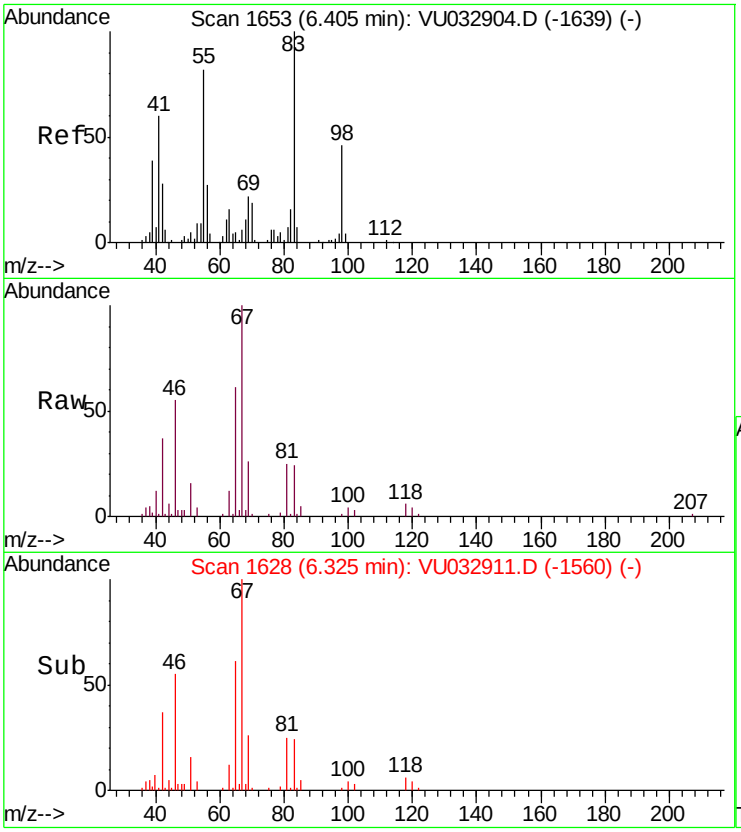


#17
Methyl tert-butyl Ether
Concen: 1.491 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Tgt Ion: 73 Resp: 25807

Ion	Ratio	Lower	Upper
73	100		
43	26.4	18.6	27.8
57	27.6	18.3	27.5#



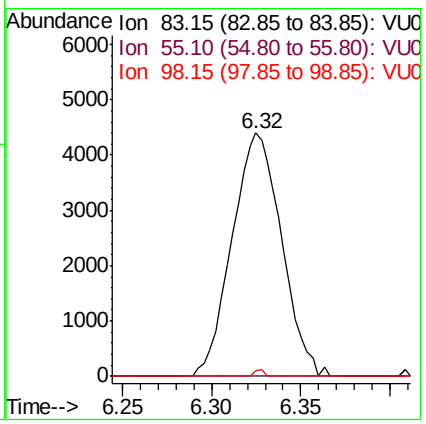


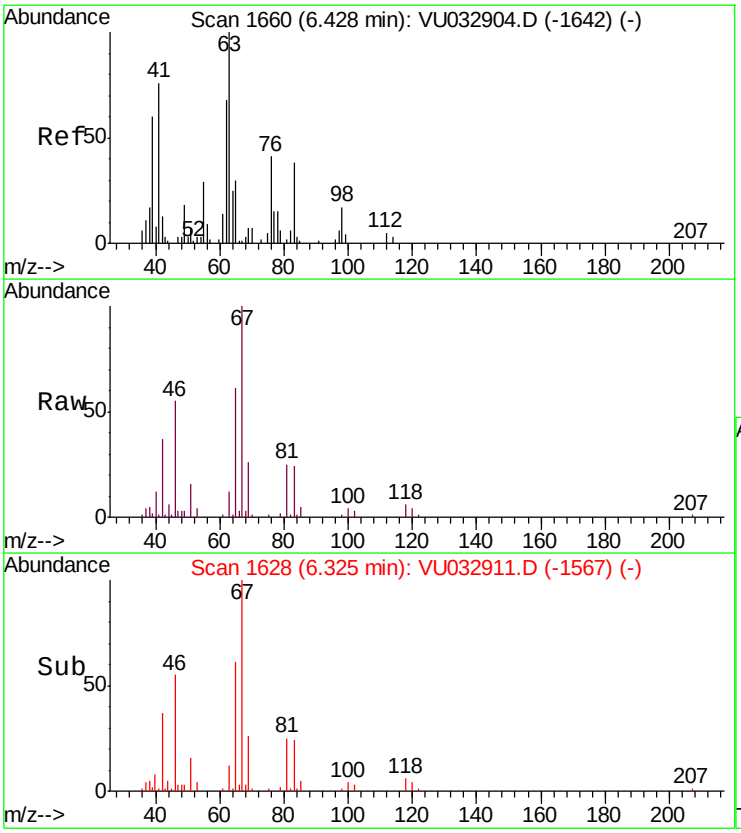
#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Instrument :
MSVOA_U
ClientSampleId :
GALG2

Tgt Ion: 83 Resp: 8503

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.5	37.8	56.8#

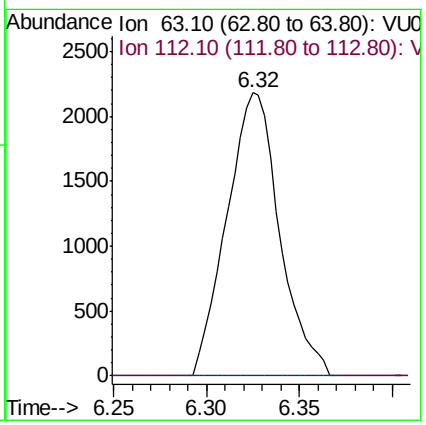


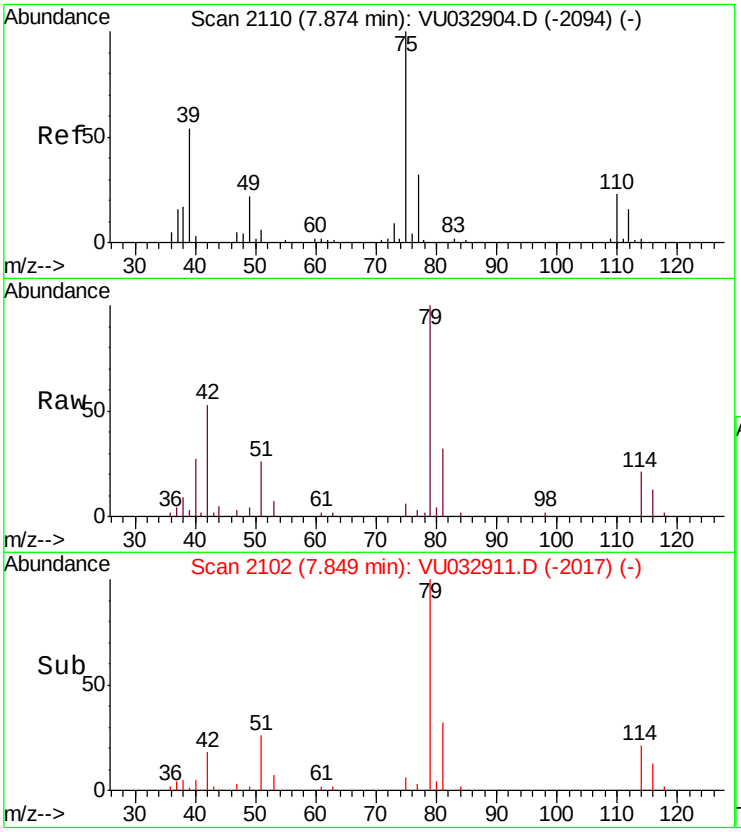


#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Tgt Ion: 63 Resp: 4326

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



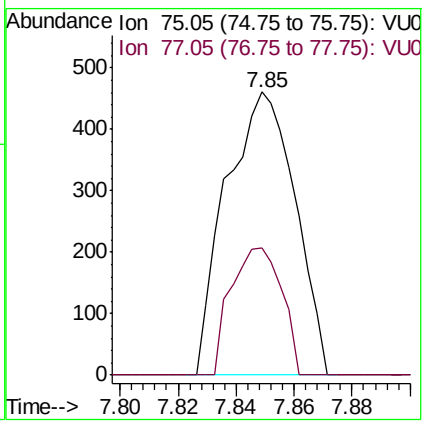


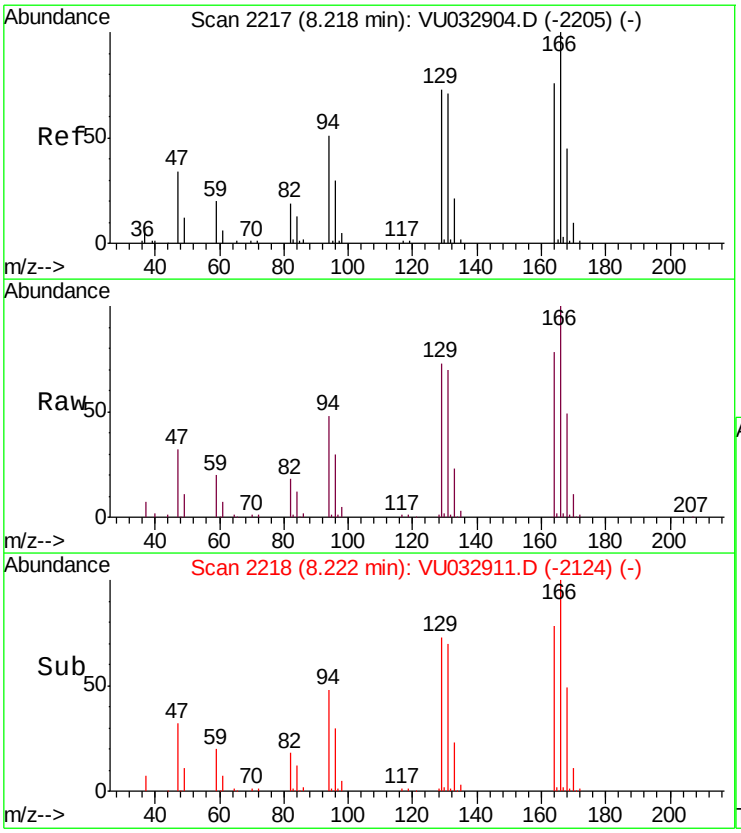
#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Instrument :
MSVOA_U
ClientSampleId :
GALG2

Tgt Ion: 75 Resp: 761

Ion	Ratio	Lower	Upper
75	100		
77	45.1	22.5	41.7#

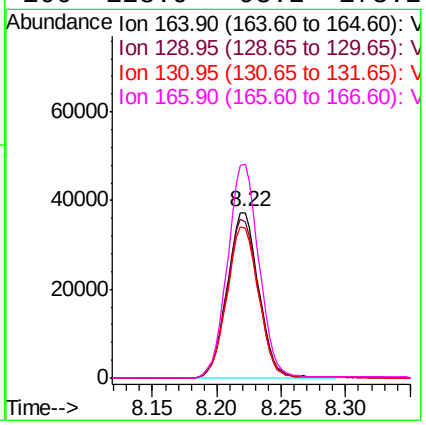


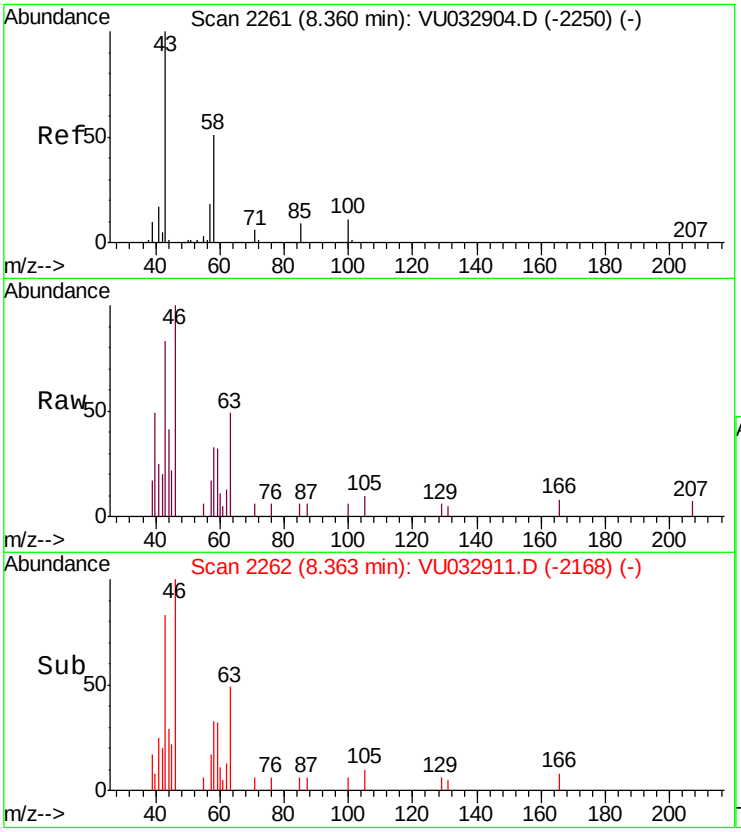


#47
Tetrachloroethene
Concen: 10.293 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Tgt Ion:164 Resp: 63508

Ion	Ratio	Lower	Upper
164	100		
129	94.5	66.1	122.7
131	90.4	65.6	121.8
166	128.9	93.2	173.2



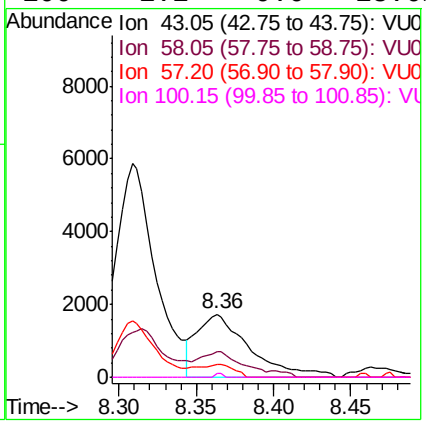


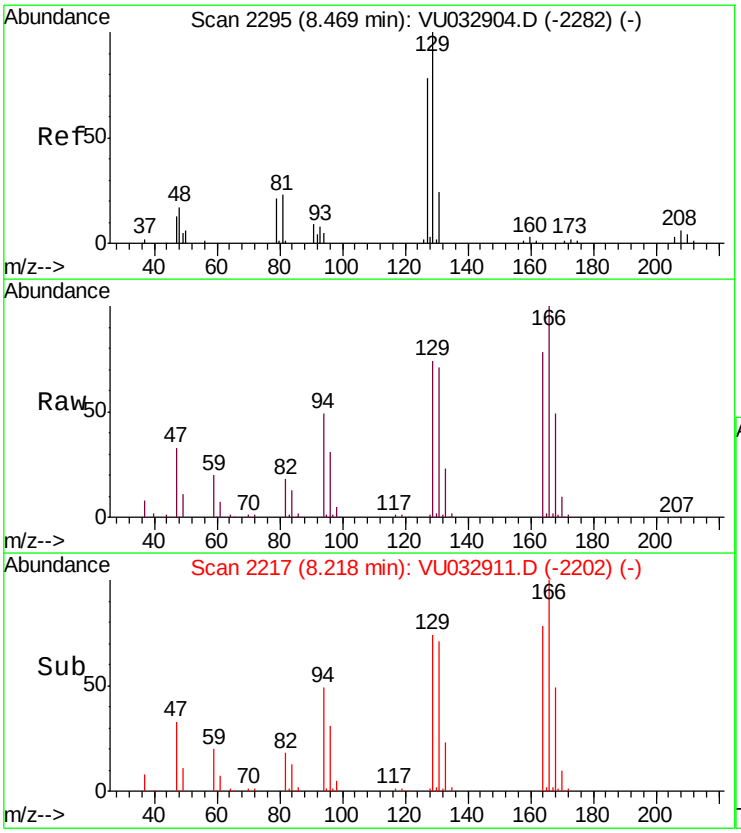
#48
2-Hexanone
Concen: 1.143 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Instrument : MSVOA_U
ClientSampleId : GALG2

Tgt Ion: 43 Resp: 4098

Ion	Ratio	Lower	Upper
43	100		
58	35.1	41.9	62.9#
57	14.4	15.1	22.7#
100	1.1	9.0	13.6#

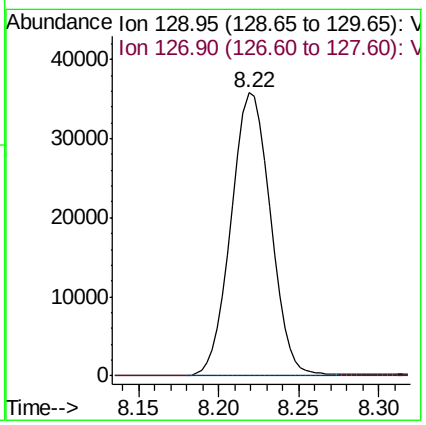


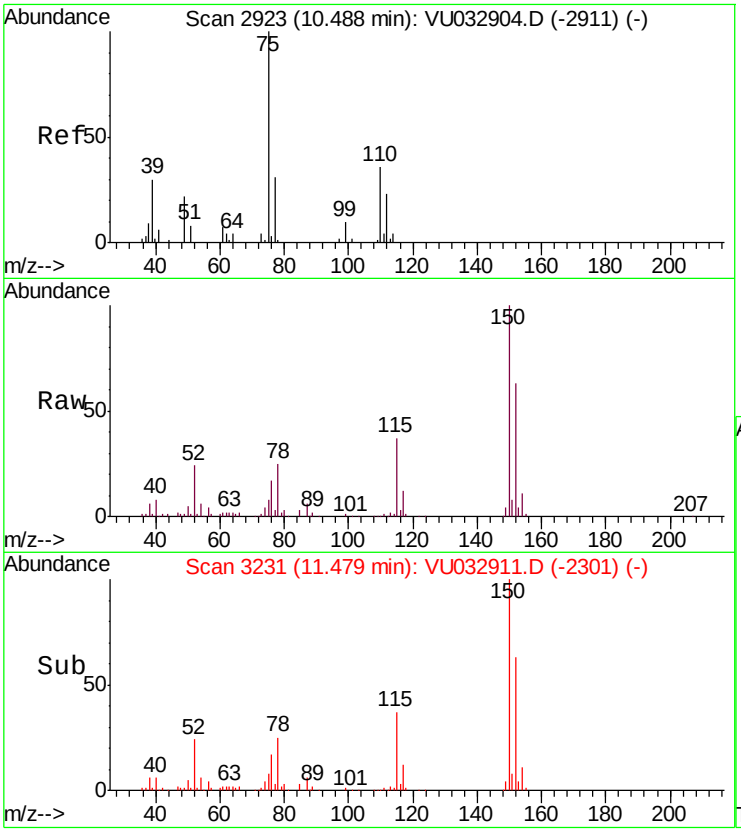


#49
Dibromochloromethane
Concen: 9.186 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Tgt Ion:129 Resp: 60287

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#





#59
1,2,3-Trichloropropane
Concen: 1.302 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032911.D
Acq: 20 Jun 2019 19:38

Instrument :
MSVOA_U
ClientSampleId :
GALG2

Tgt Ion: 75 Resp: 6029

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.3	37.9