Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060419\

Quantitation Report (Not Reviewed)

Data File : VU032441.D
Acq On : 04 Jun 2019 20:48
Operator : JC/SP
Sample : K3081-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALE1

Quant Time: Jun 04 23:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	102028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	33389	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.67	69	27203	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.27	63	51905	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	4.18	46	87102	47.05	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.10%			
24) Chloroform-d	4.64	84	59262	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.31	65	33477	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.33	84	126027	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.00%			
36) 1,2-Dichloropropane-d6	6.32	67	38198	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.56	98	120262	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.60%			
43) trans-1,3-Dichloropropene-	7.85	79	16114	5.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.80%			
46) 2-Hexanone-d5	8.31	63	77956	50.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32519	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	47818	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2838	0.418	ug/L #	81
12) 1,1-Dichloroethene	2.27	96	1257	0.194	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	6309	0.797	ug/L	98
25) Chloroform	4.67	83	2111	0.165	ug/L	77
34) Trichloroethene	6.18	95	333083	41.861	ug/L	99
35) Methylcyclohexane	6.33	83	9144	0.715	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4047	0.565	ug/L #	89
42) Toluene	7.64	91	3784	0.123	ug/L	95
47) Tetrachloroethene	8.22	164	3433	0.548	ug/L	94
49) Dibromochloromethane	8.22	129	3399	0.510	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5477	1.165	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060419\

Quantitation Report (Not Reviewed)

Data File : VU032441.D
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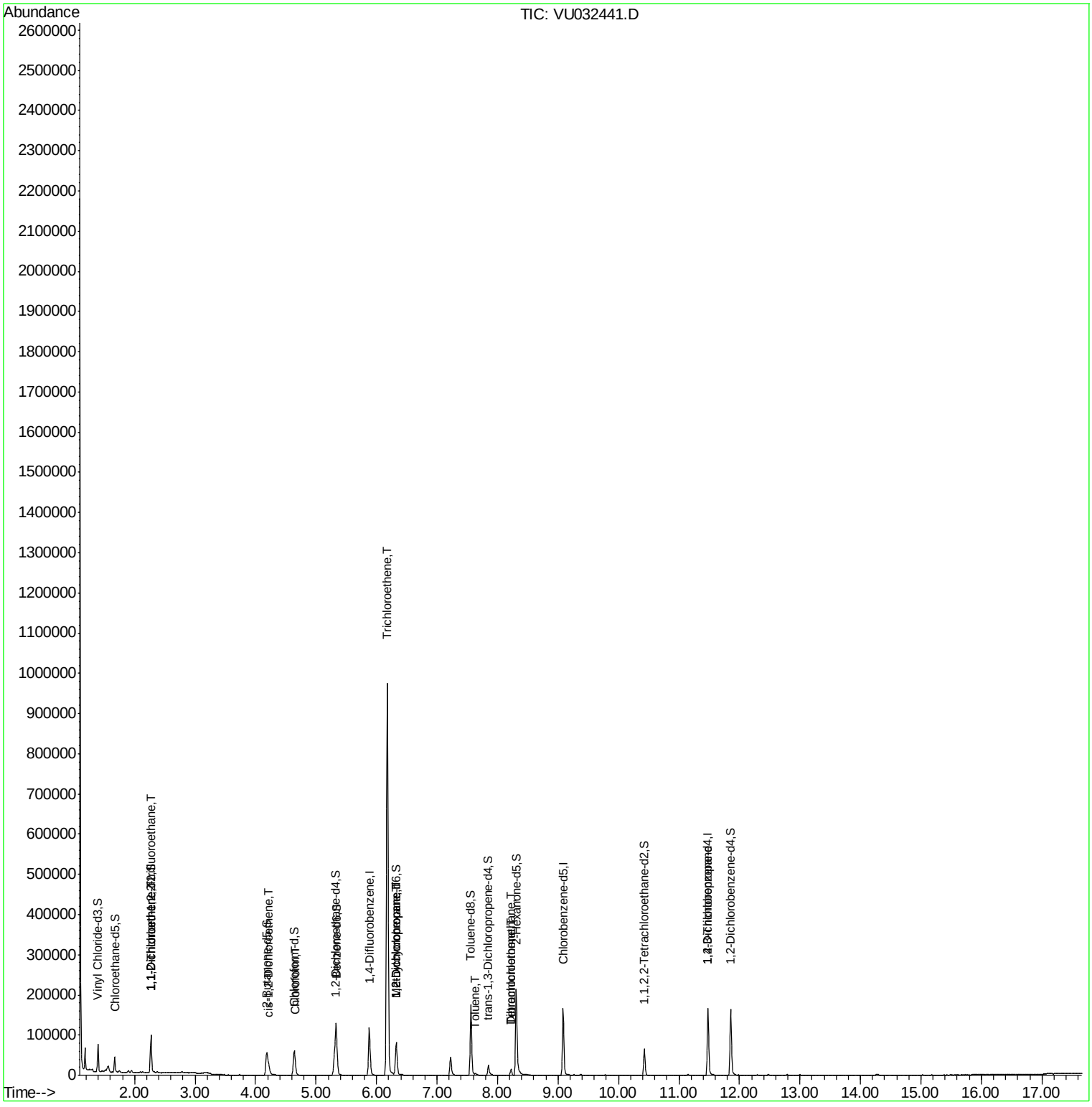
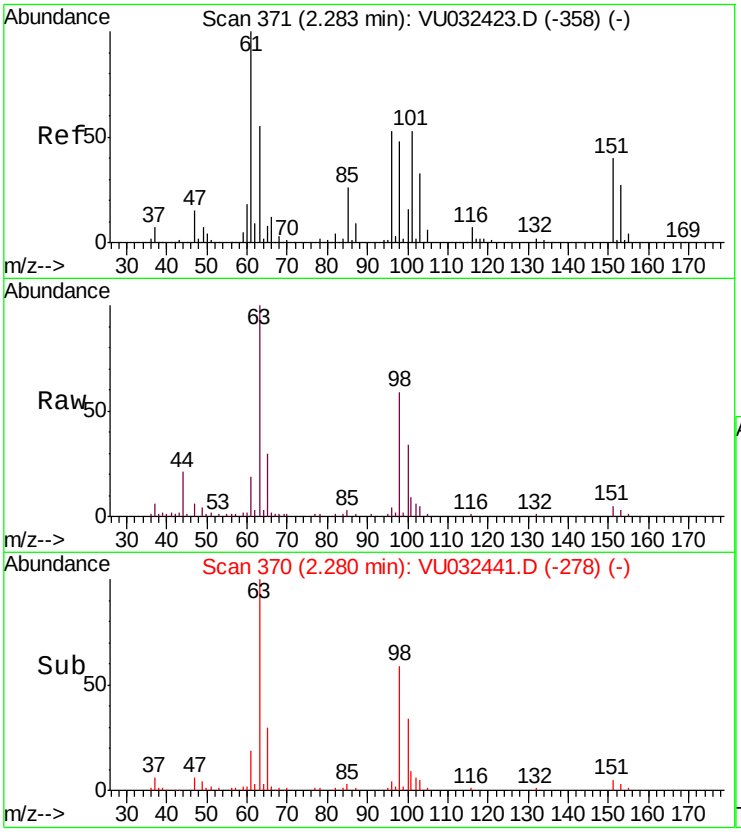
Instrument : MSVOA_U
ClientSampleId : GALE1

Quant Time: Jun 04 23:10:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration



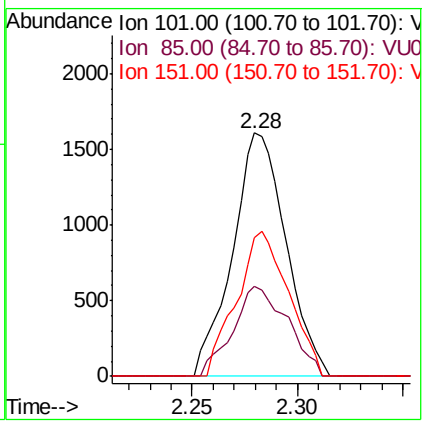


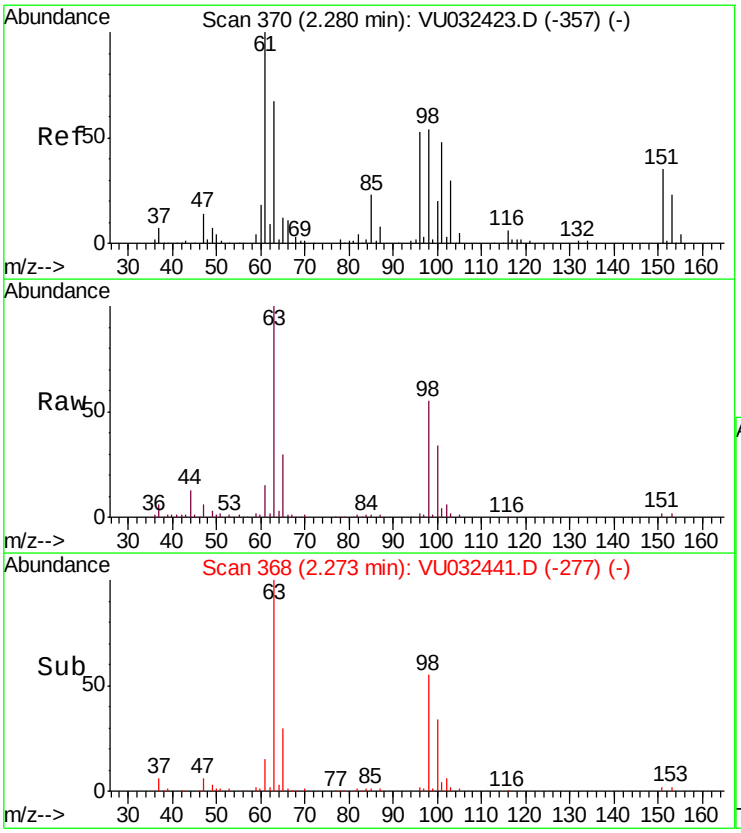
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.418 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
GALE1

Tgt Ion:101 Resp: 2838

Ion	Ratio	Lower	Upper
101	100		
85	37.9	38.9	58.3#
151	58.0	61.0	91.4#

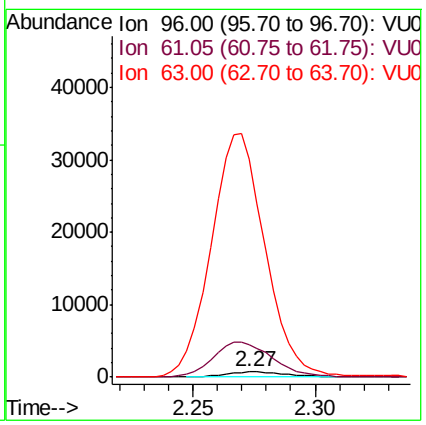


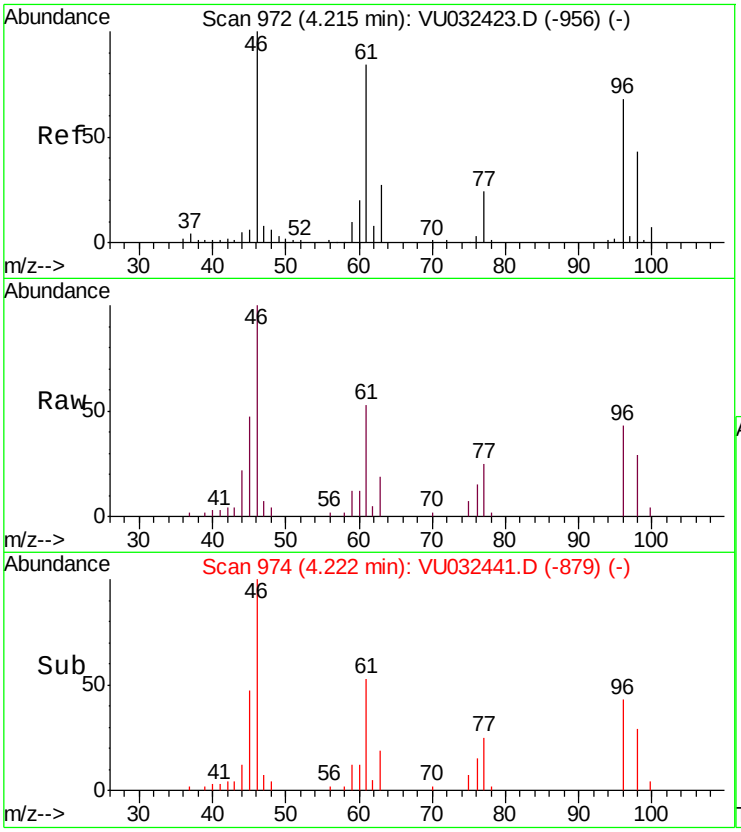


#12
1,1-Dichloroethene
Concen: 0.194 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Tgt Ion: 96 Resp: 1257

Ion	Ratio	Lower	Upper
96	100		
61	621.7	131.8	244.8#
63	4148.1	90.1	167.3#



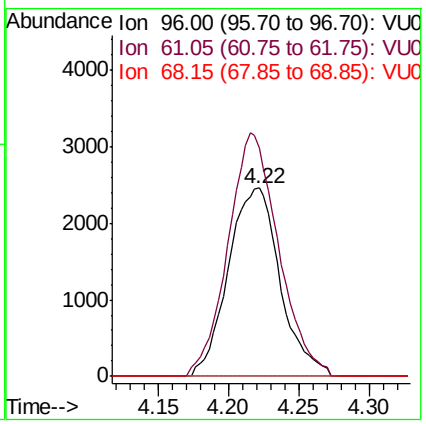


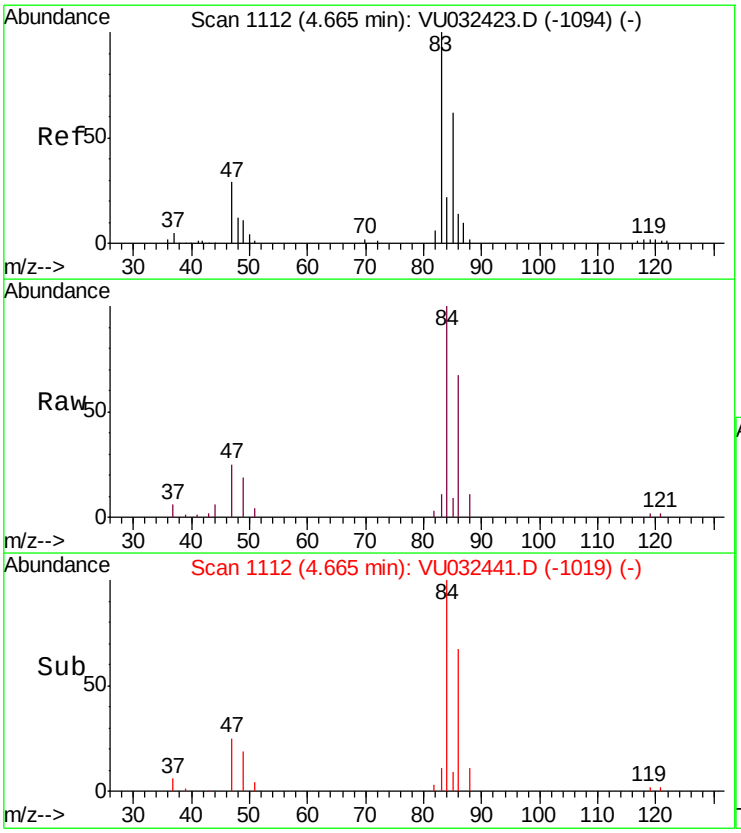
#22
cis-1,2-Dichloroethene
Concen: 0.797 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
GALE1

Tgt Ion: 96 Resp: 6309

Ion	Ratio	Lower	Upper
96	100		
61	121.1	86.6	160.8
68	0.0	0.0	0.0

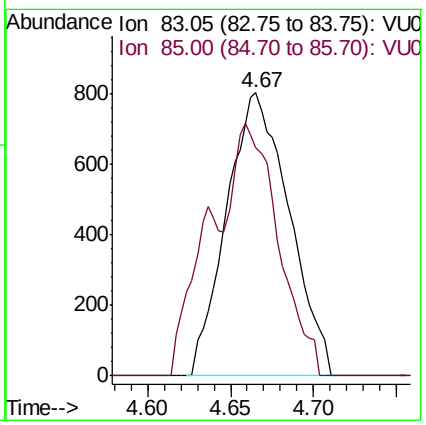


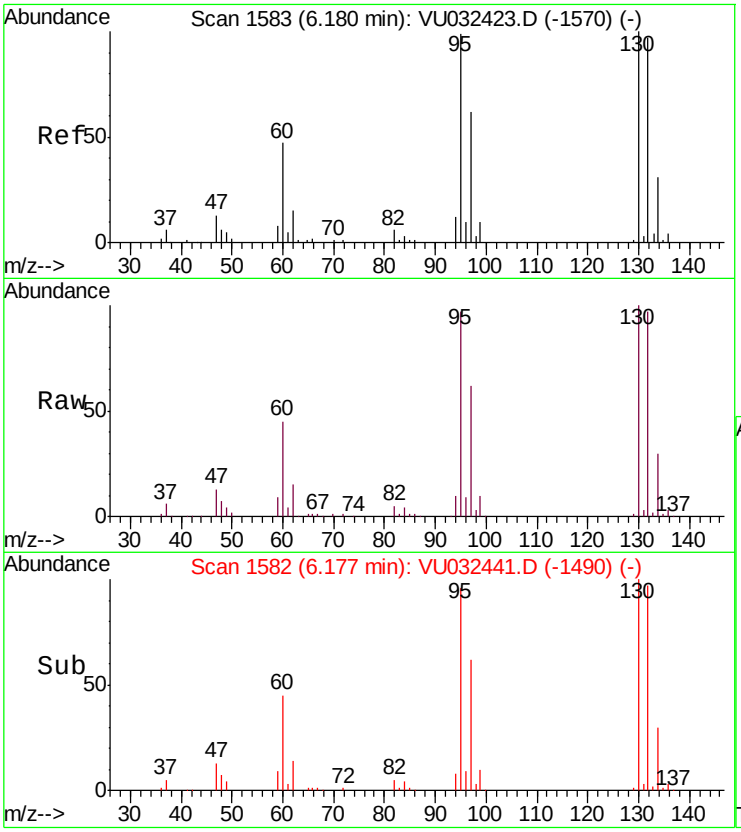


#25
Chloroform
Concen: 0.165 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Tgt Ion: 83 Resp: 2111

Ion	Ratio	Lower	Upper
83	100		
85	80.5	43.8	81.3



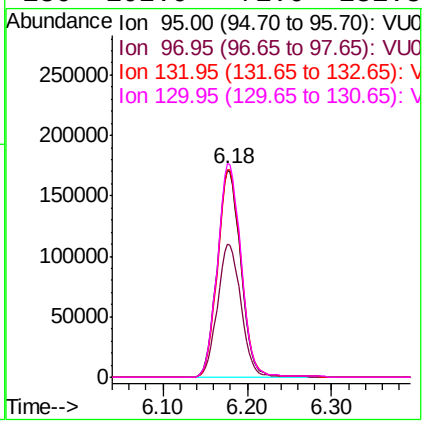


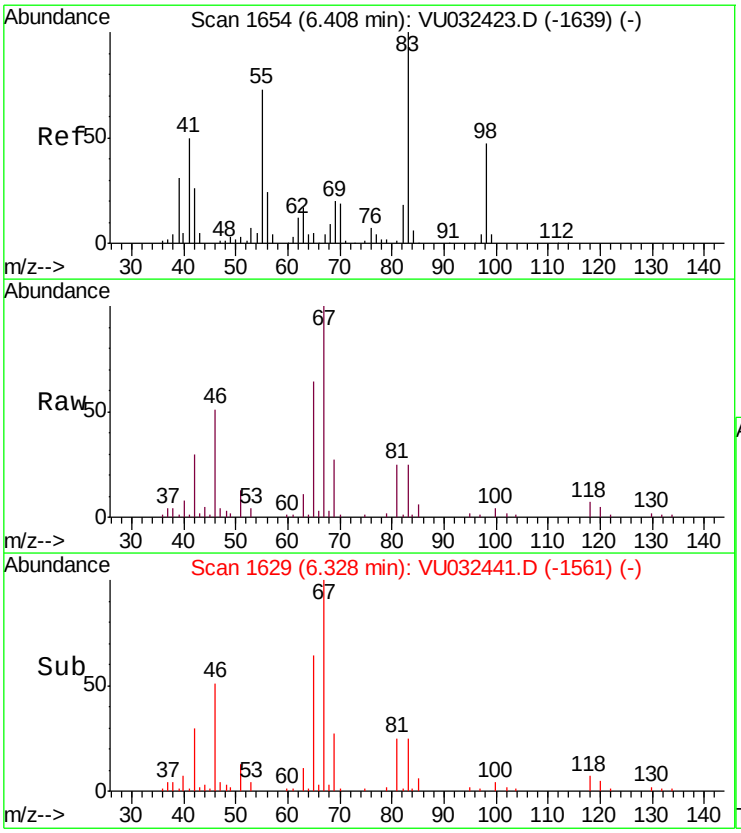
#34
Trichloroethene
Concen: 41.861 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
GALE1

Tgt Ion: 95 Resp: 333083

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.1	81.9
132	99.9	68.8	127.8
130	102.9	71.0	131.8

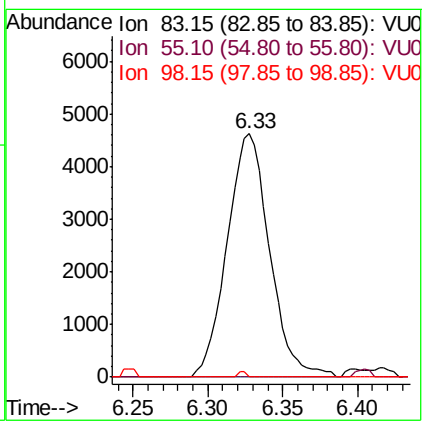


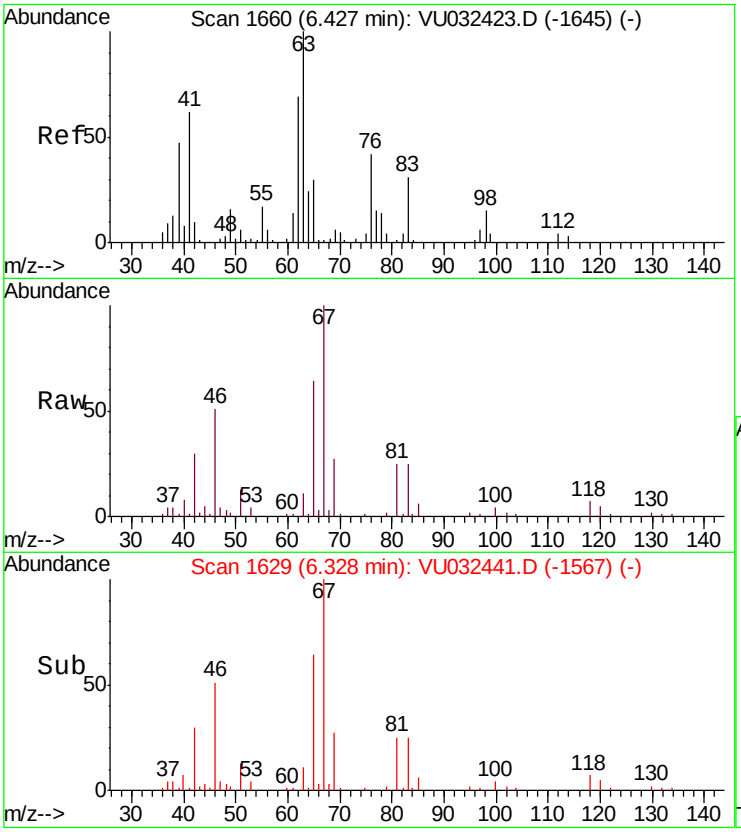


#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Tgt Ion: 83 Resp: 9144

Ion	Ratio	Lower	Upper
83	100		
55	1.1	60.0	90.0#
98	0.0	37.8	56.8#



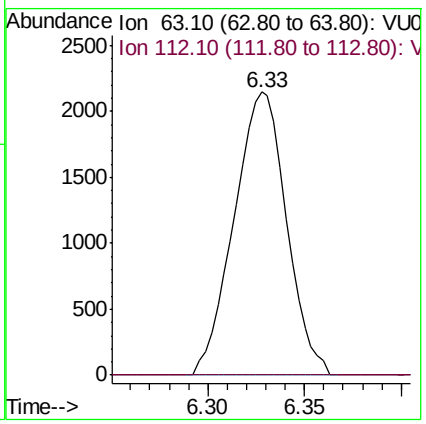


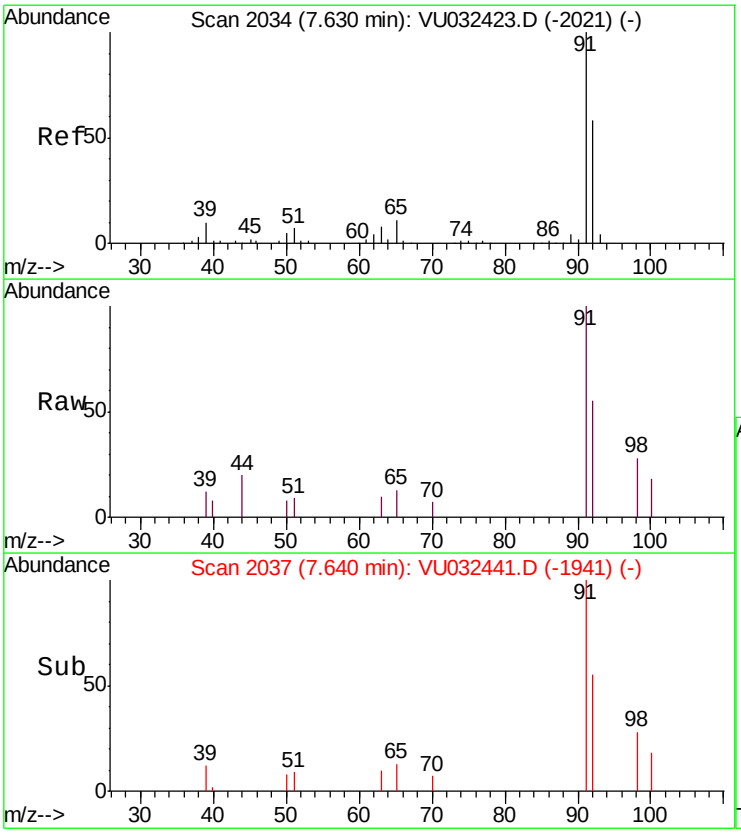
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
GALE1

Tgt Ion: 63 Resp: 4047

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

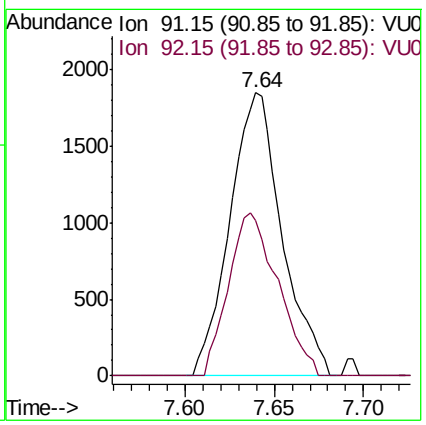


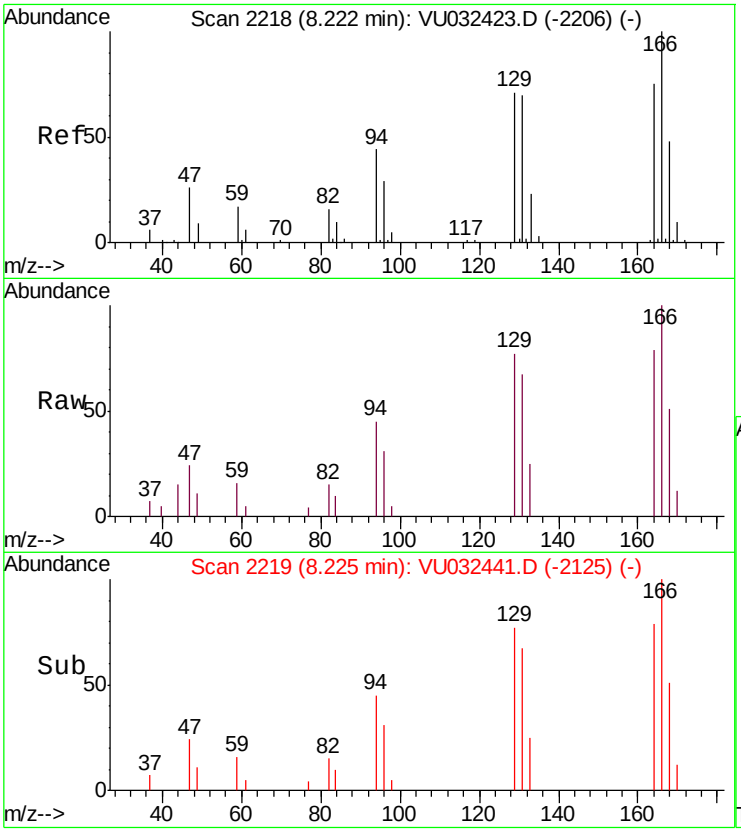


#42
Toluene
Concen: 0.123 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Tgt Ion: 91 Resp: 3784

Ion	Ratio	Lower	Upper
91	100		
92	54.8	40.9	75.9



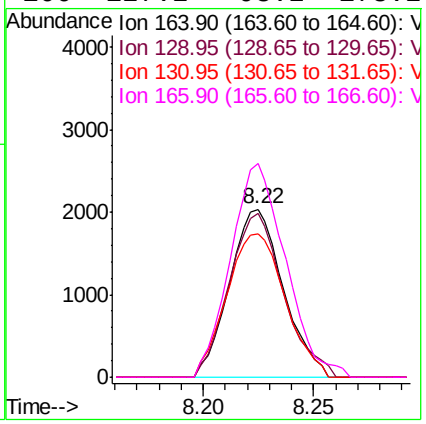


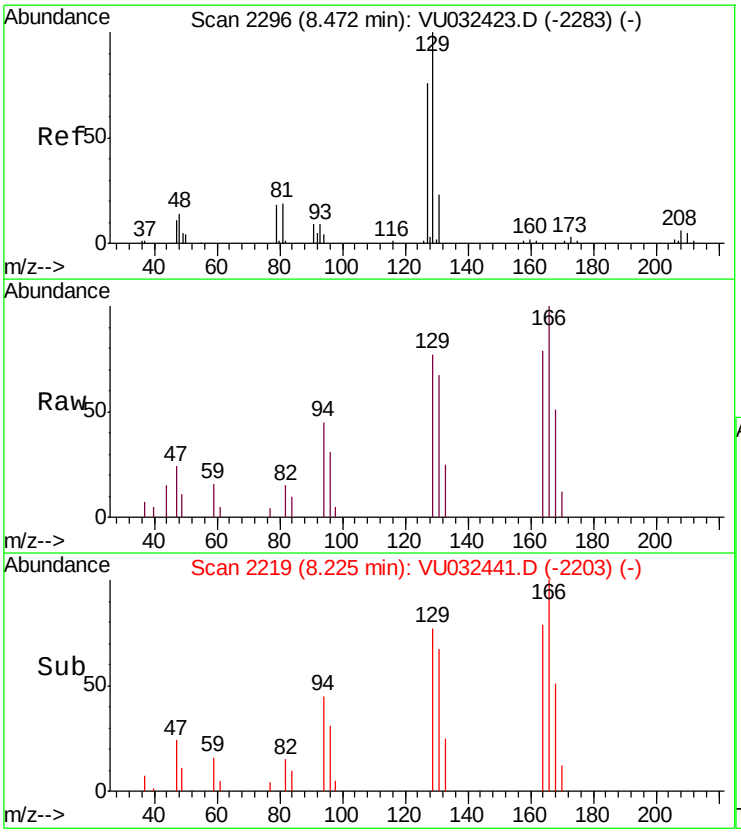
#47
Tetrachloroethene
Concen: 0.548 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
GALE1

Tgt Ion:164 Resp: 3433

Ion	Ratio	Lower	Upper
164	100		
129	97.3	66.1	122.7
131	85.3	65.6	121.8
166	127.2	93.2	173.2

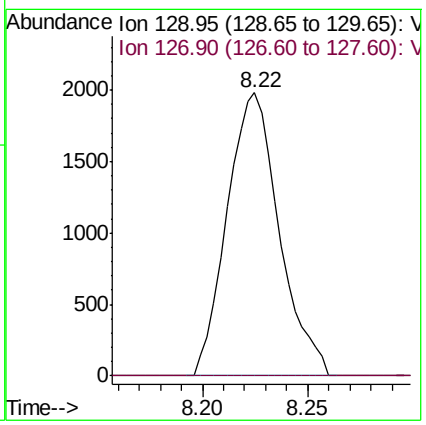


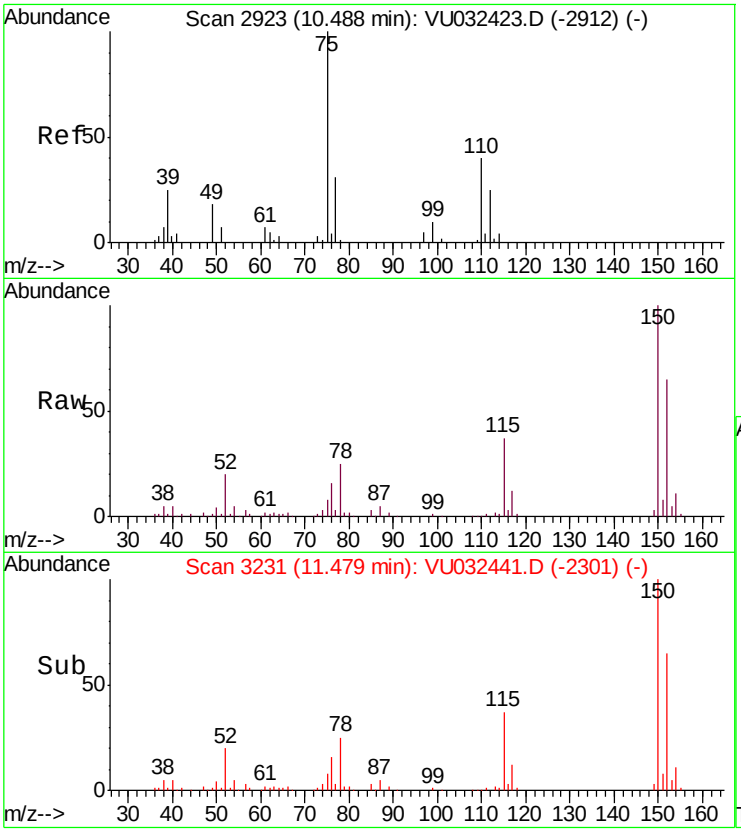


#49
Dibromochloromethane
Concen: 0.510 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Tgt Ion:129 Resp: 3399

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#





#59
1,2,3-Trichloropropane
Concen: 1.165 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampleId :
GALE1

Tgt Ion: 75 Resp: 5477

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.3	37.9