Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062019\
Data File : VV011629.D
Acq On : 19 Jun 2019 20:14
Operator : SY/MD
Sample : K3415-17MSD
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALQ2MSD

Quant Time: Jun 20 02:12:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63247	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	63576	5.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.00%			
7) Chloroethane-d5	1.56	69	45073	5.76	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.20%			
11) 1,1-Dichloroethene-d2	2.12	63	118577	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	3.94	46	160647	46.20	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.40%			
24) Chloroform-d	4.40	84	97052	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.60%			
26) 1,2-Dichloroethane-d4	5.08	65	66864	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.09	84	235079	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.12	67	71249	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.36	98	206576	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
43) trans-1,3-Dichloropropene-	7.66	79	21026	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.13	63	122558	43.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47505	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66848	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			

Target Compounds						Qvalue
8) Chloroethane	1.62	64	1034	0.137	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1098	0.112	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	45652	4.485	ug/L	92
21) 2-Butanone	4.13	43	24156	6.516	ug/L #	52
25) Chloroform	4.42	83	33217	1.390	ug/L	99
31) Carbon tetrachloride	4.87	117	15406	0.985	ug/L	98
33) Benzene	5.14	78	237871	4.689	ug/L	100
34) Trichloroethene	5.96	95	60349	4.666	ug/L	99
35) Methylcyclohexane	6.11	83	17548	0.951	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	9274	0.687	ug/L #	87
42) Toluene	7.43	91	248982	4.737	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	1407	0.108	ug/L	92
51) Chlorobenzene	8.92	112	157382	4.875	ug/L	100

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

Quantitation Report (Not Reviewed)

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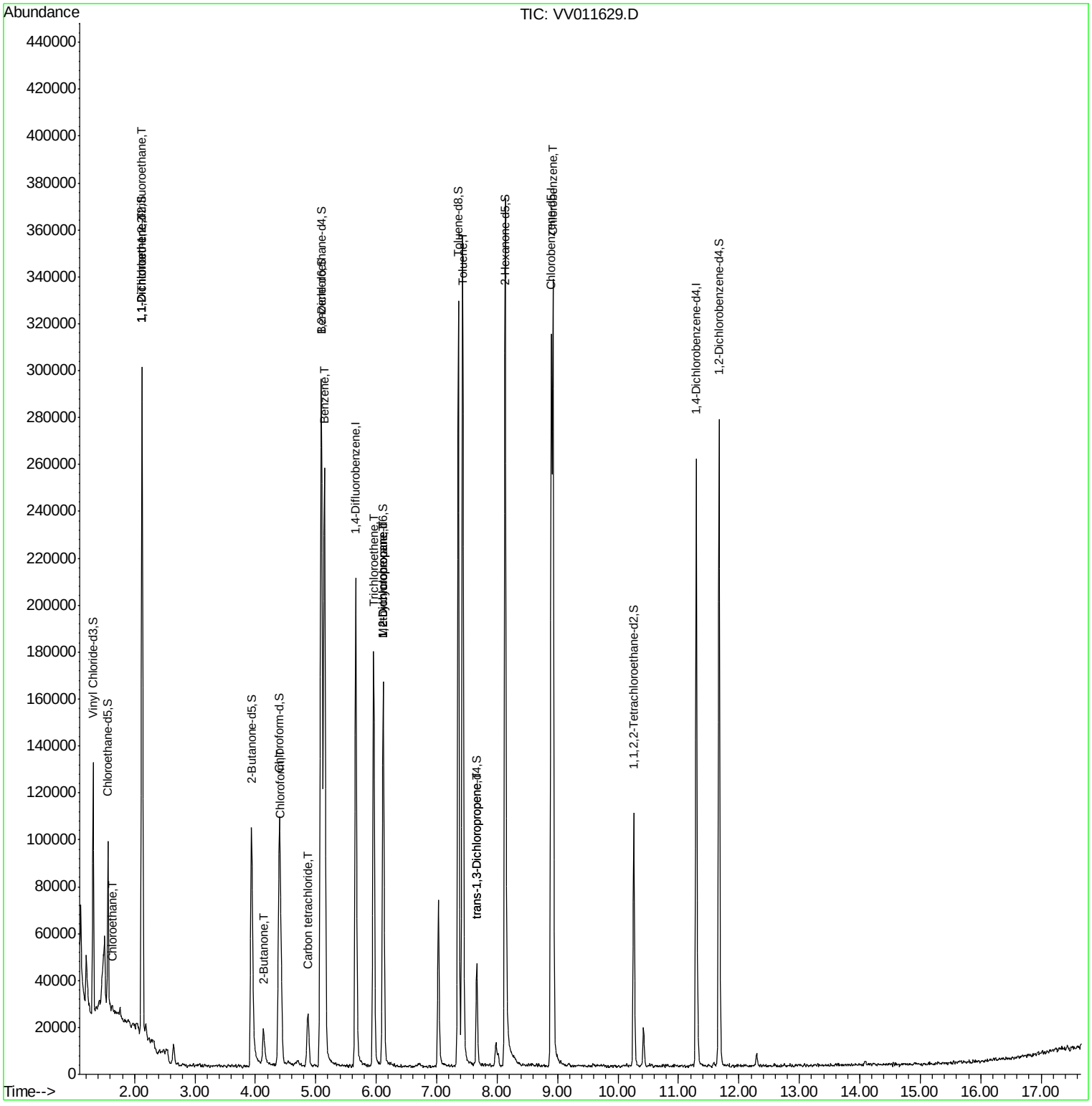
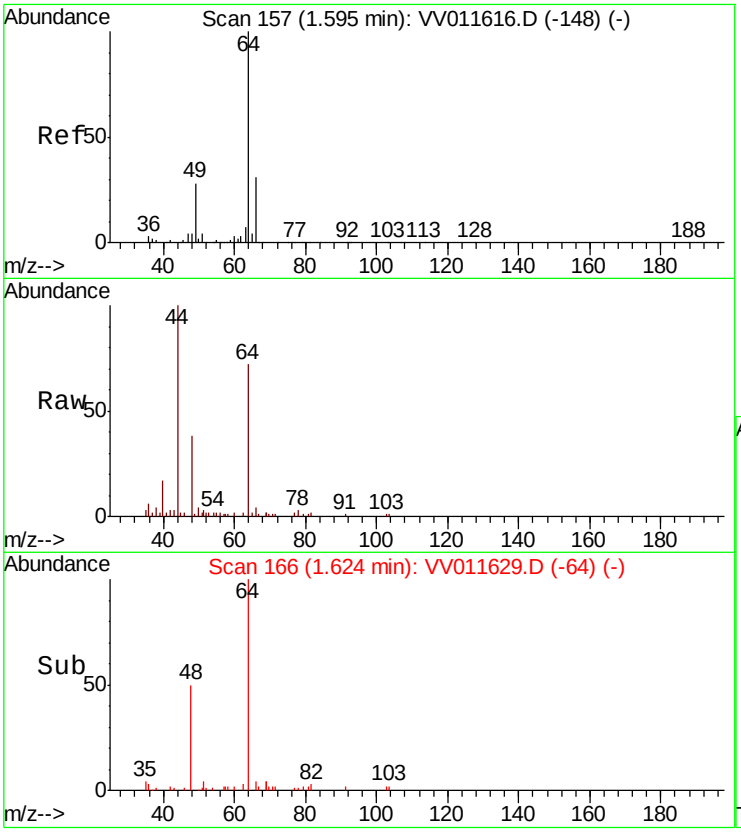
GALQ2MSD

Quant Time: Jun 20 02:12:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 02:04:09 2019
Response via : Initial Calibration



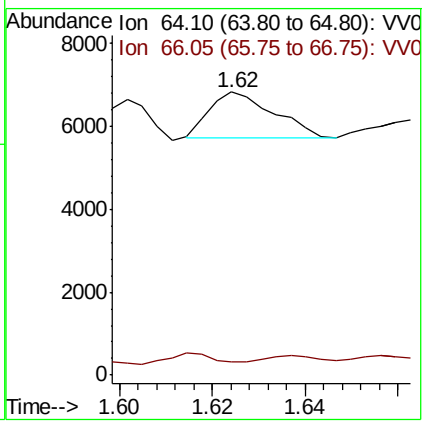


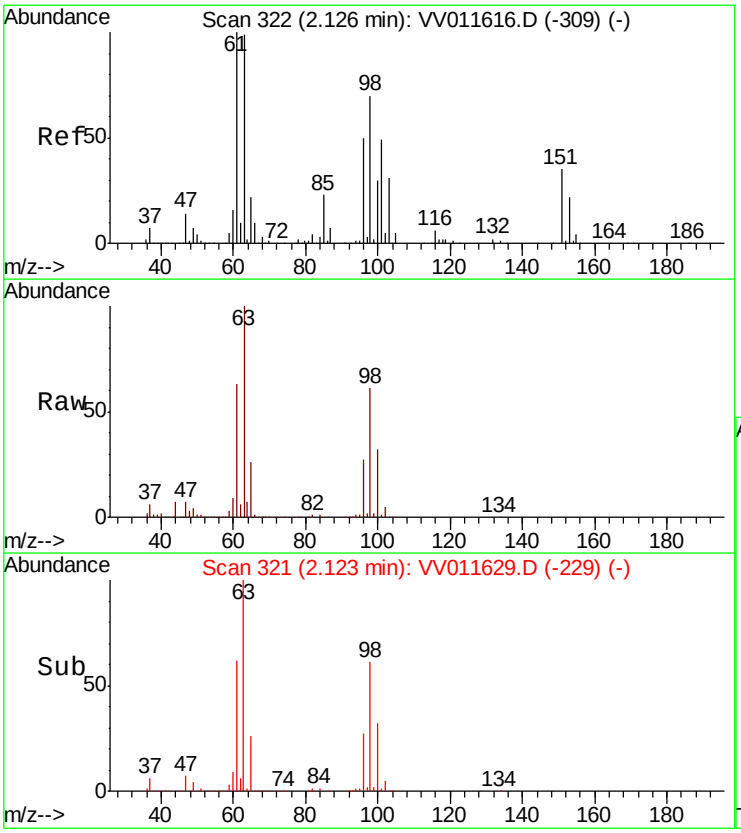
#8
Chloroethane
Concen: 0.137 ug/L
RT: 1.62 min Scan# 166
Delta R.T. 0.03 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tgt Ion: 64 Resp: 1034

Ion	Ratio	Lower	Upper
64	100		
66	4.9	21.6	40.2#

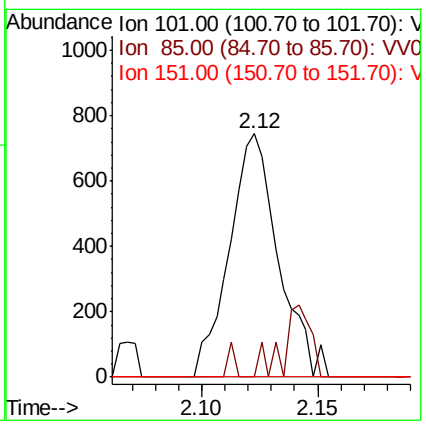


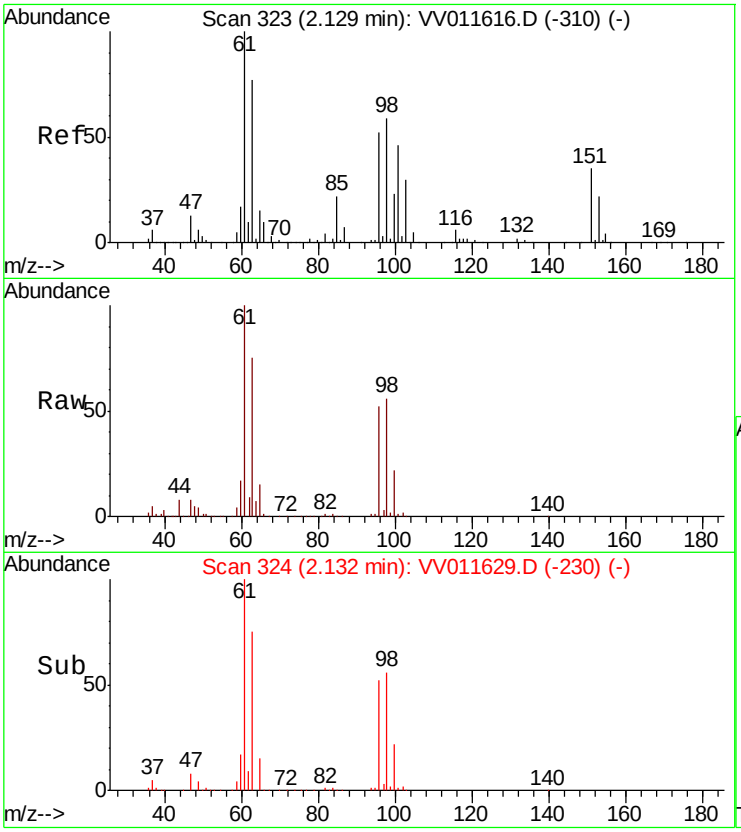


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion:101 Resp: 1098

Ion	Ratio	Lower	Upper
101	100		
85	1.9	37.3	55.9#
151	0.0	59.4	89.2#



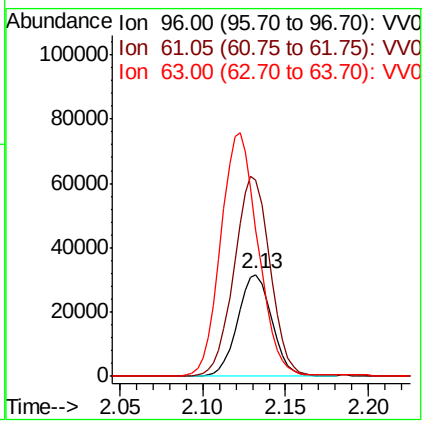


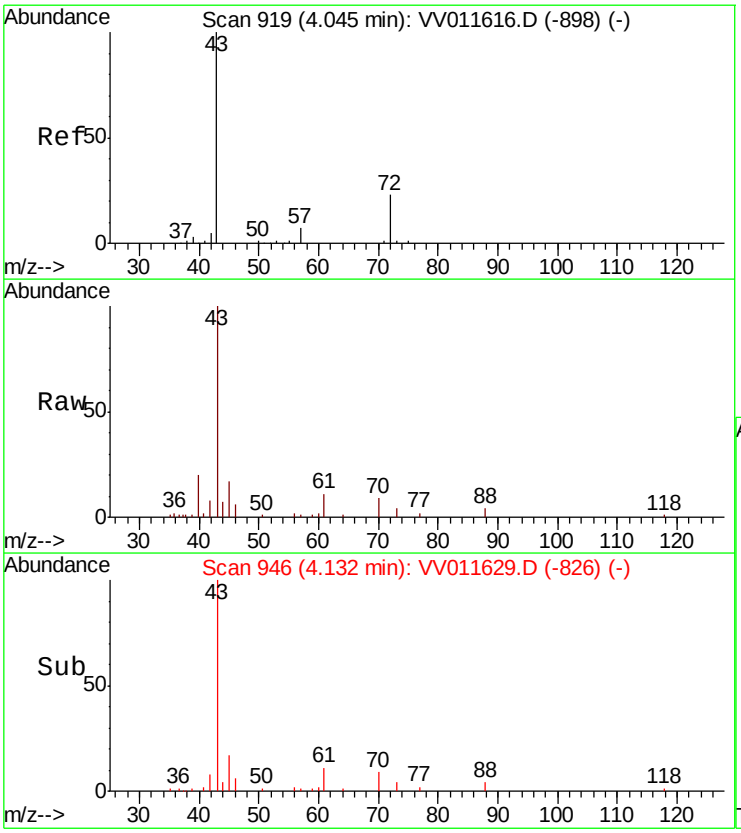
#12
1,1-Dichloroethene
Concen: 4.485 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tgt Ion: 96 Resp: 45652

Ion	Ratio	Lower	Upper
96	100		
61	192.8	135.9	252.5
63	144.3	86.2	160.2

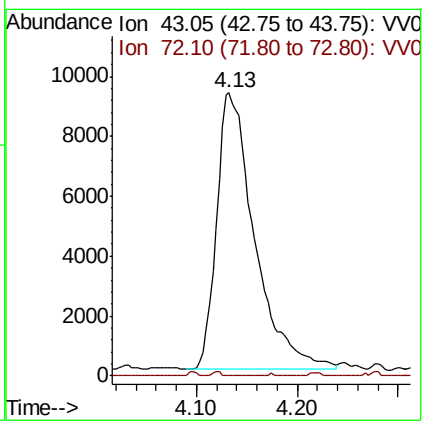


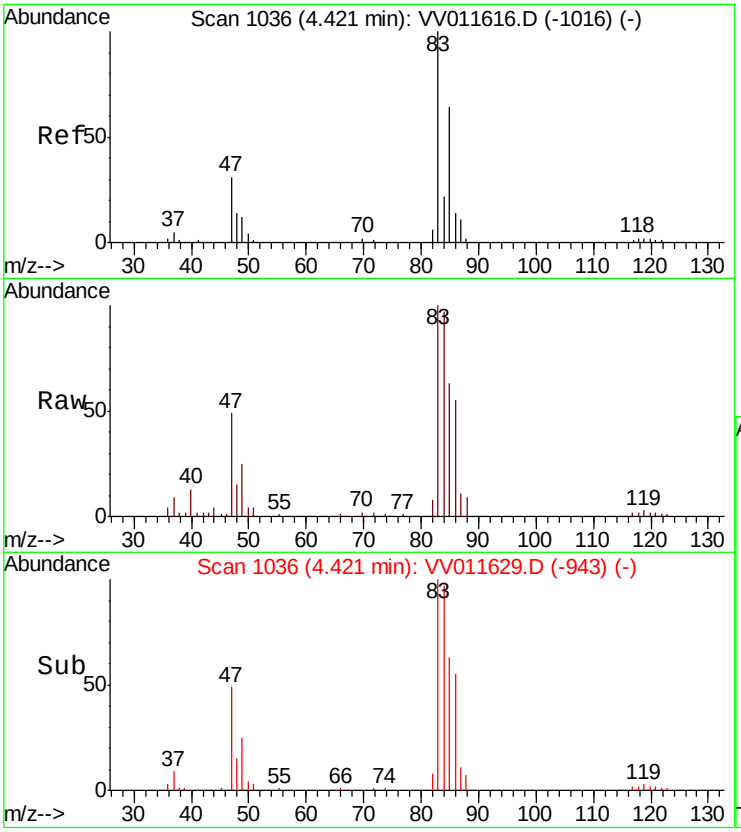


#21
2-Butanone
Concen: 6.516 ug/L
RT: 4.13 min Scan# 946
Delta R.T. 0.09 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion: 43 Resp: 24156

Ion	Ratio	Lower	Upper
43	100		
72	0.3	11.8	35.4#



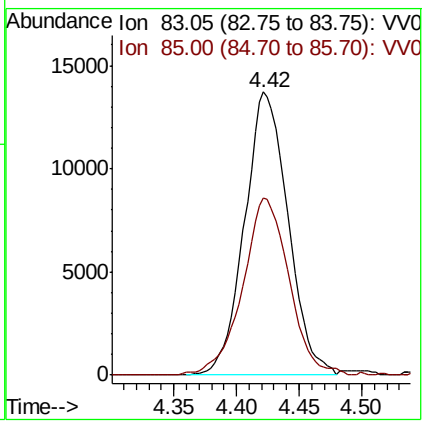


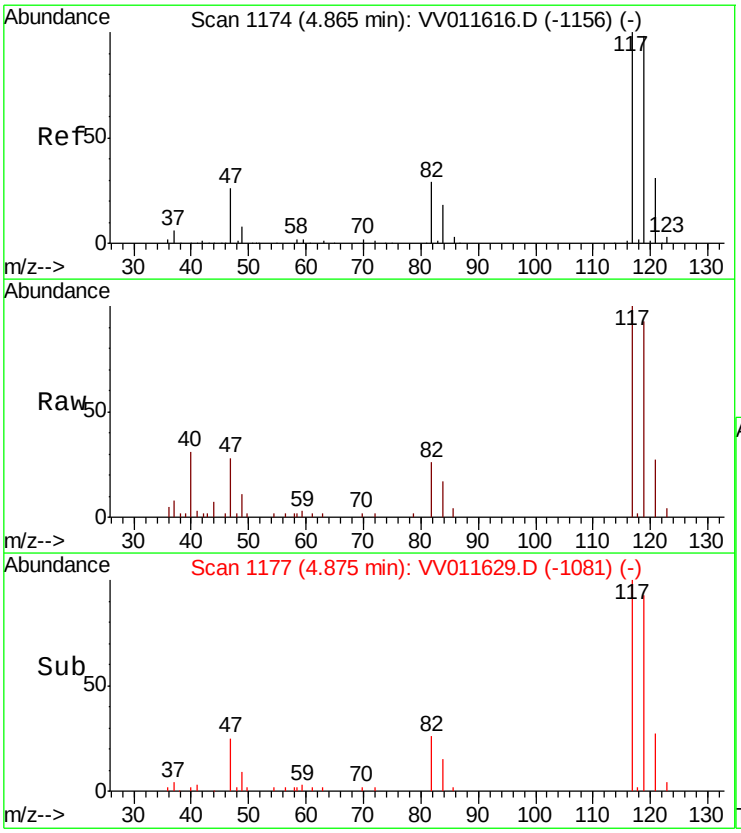
#25
Chloroform
Concen: 1.390 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tgt Ion: 83 Resp: 33217

Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.6	82.8

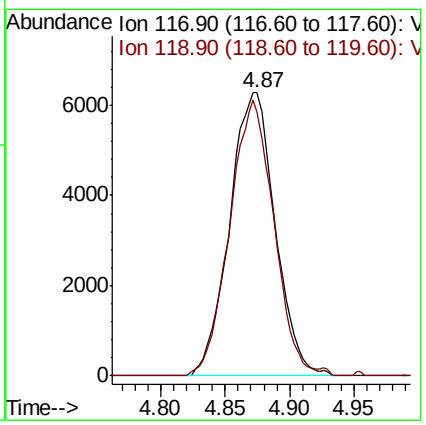


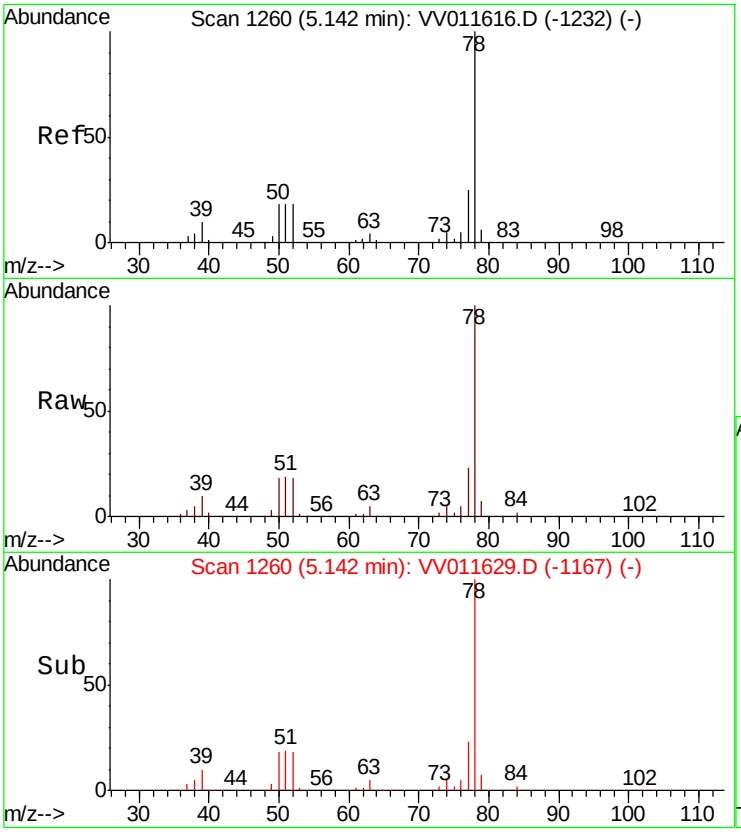


#31
Carbon tetrachloride
Concen: 0.985 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion:117 Resp: 15406

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2

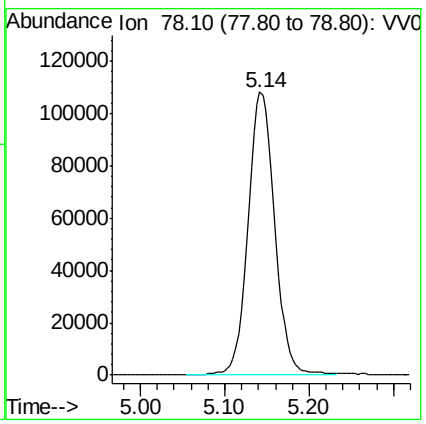


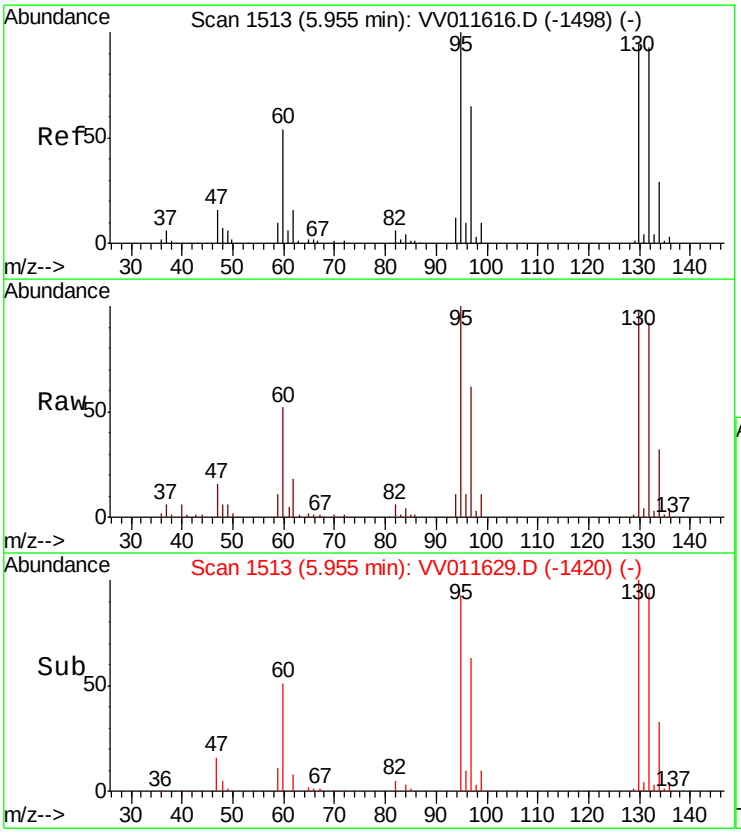


#33
Benzene
Concen: 4.689 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tgt Ion: 78 Resp: 237871

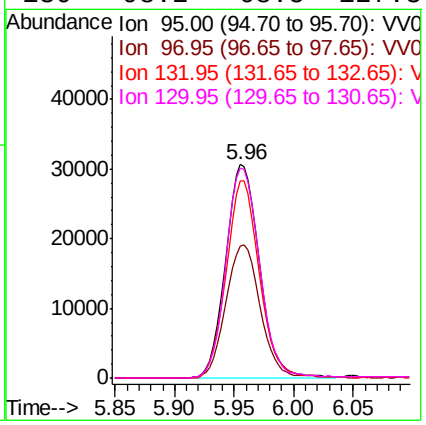


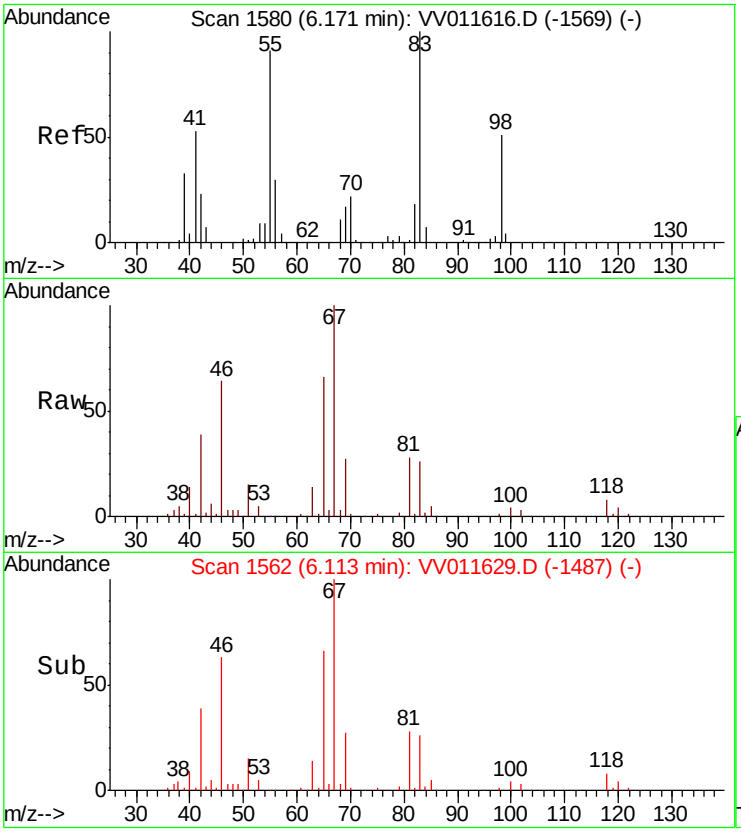


#34
Trichloroethene
Concen: 4.666 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion: 95 Resp: 60349

Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.4	82.4
132	92.2	63.5	117.9
130	98.2	68.5	127.3



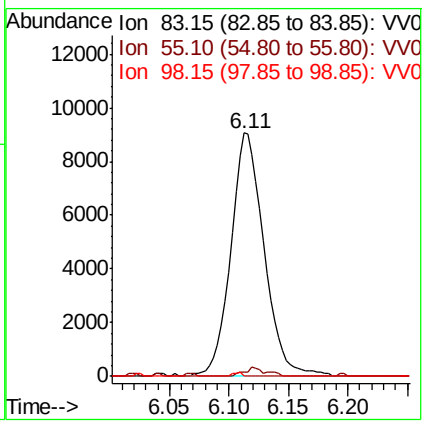


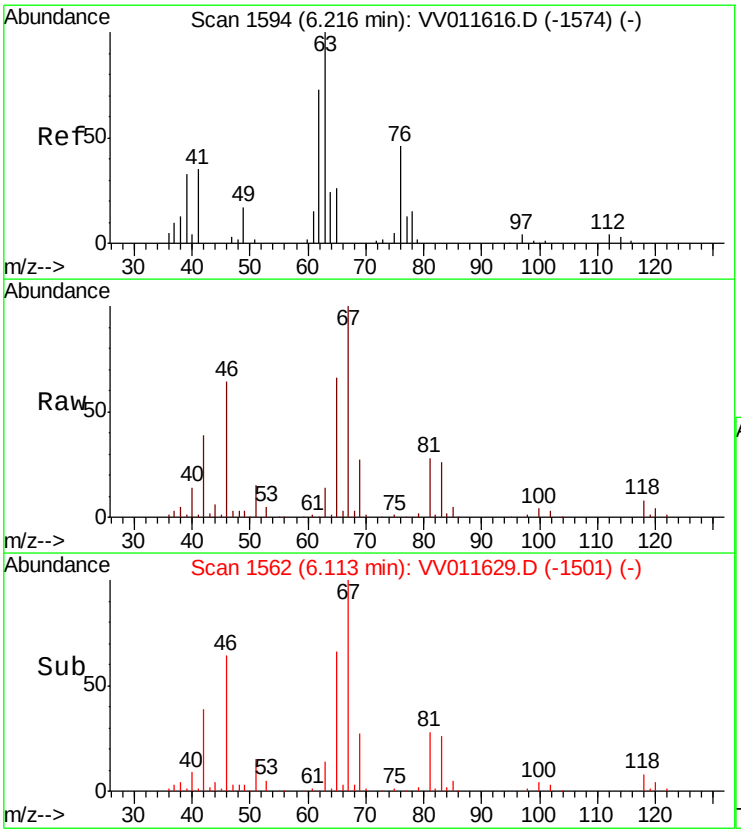
#35
Methylcyclohexane
Concen: 0.951 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tgt Ion: 83 Resp: 17548

Ion	Ratio	Lower	Upper
83	100		
55	1.9	67.9	101.9#
98	0.5	39.6	59.4#

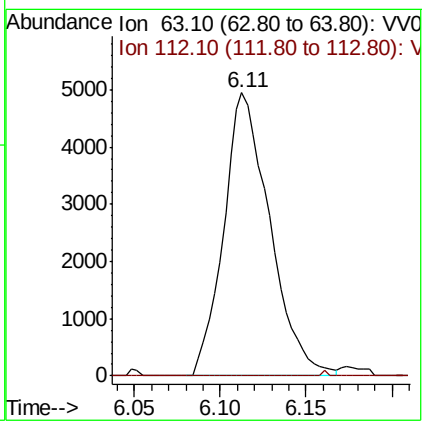


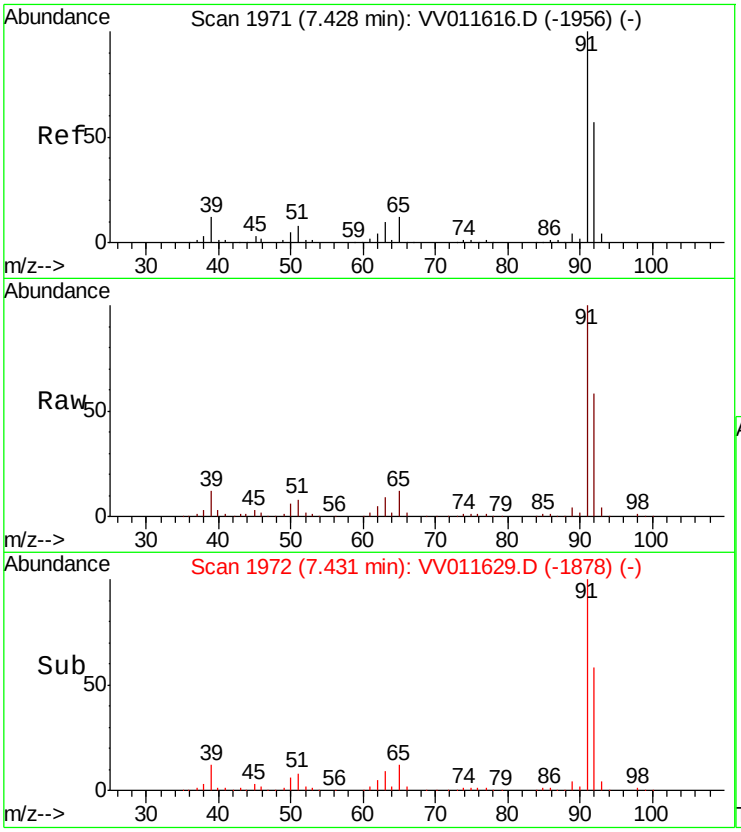


#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion: 63 Resp: 9274

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#



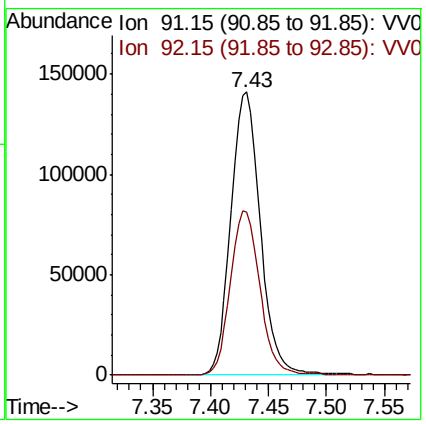


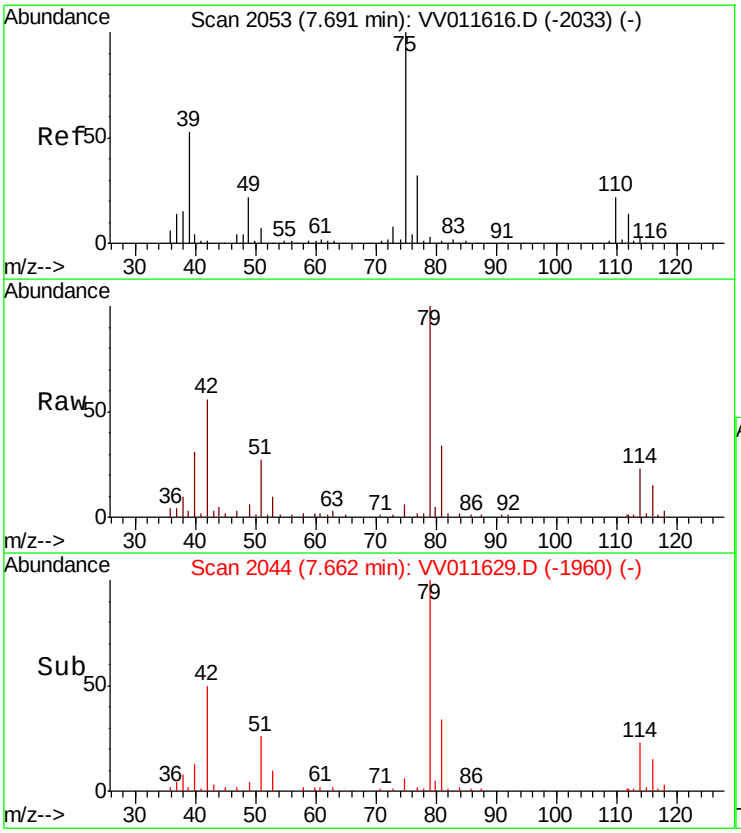
#42
Toluene
Concen: 4.737 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument : MSVOA_V
ClientSampleId : GALQ2MSD

Tgt Ion: 91 Resp: 248982

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.5	75.1

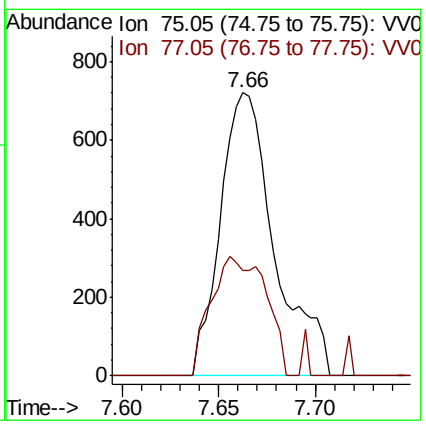


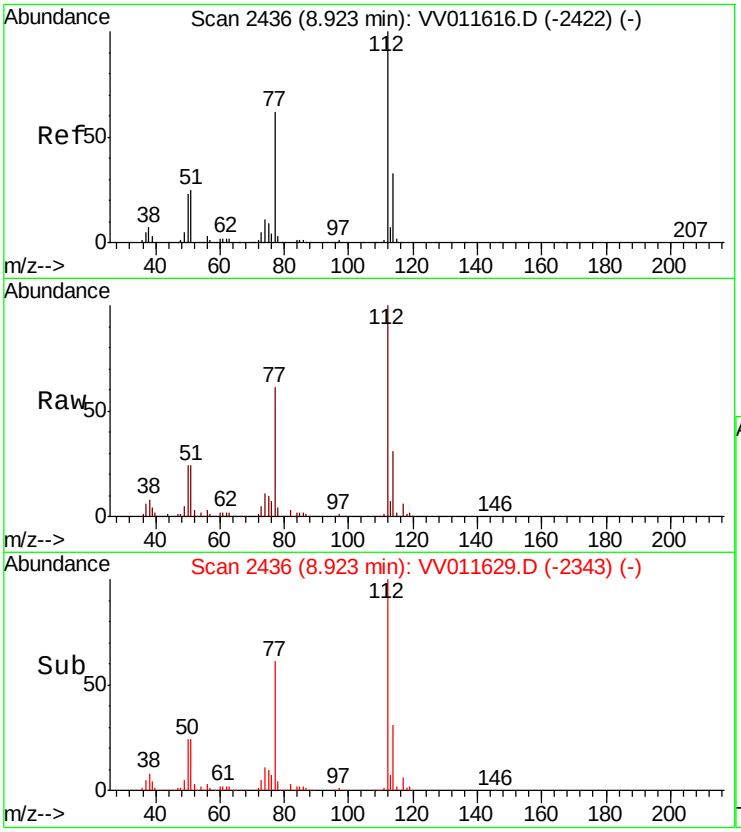


#44
trans-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Tgt Ion: 75 Resp: 1407

Ion	Ratio	Lower	Upper
75	100		
77	37.2	22.8	42.4





#51
Chlorobenzene
Concen: 4.875 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV011629.D
Acq: 19 Jun 2019 20:14

Instrument :
MSVOA_V
ClientSampleId :
GALQ2MSD

Tgt Ion:112 Resp: 157382

Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.9	40.7
77	61.5	49.3	73.9