Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011273.D
Acq On : 07 Jun 2019 05:33
Operator : SY/MD
Sample : K3197-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P25

Quant Time: Jun 07 08:14:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61335	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	52228	4.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.60%			
7) Chloroethane-d5	1.58	69	37168	3.71	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.20%			
11) 1,1-Dichloroethene-d2	2.12	63	85876	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	3.96	46	152414	56.13	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.26%			
24) Chloroform-d	4.40	84	98277	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.08	65	56907	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.10	84	200216	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.12	67	63138	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.36	98	177595	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.67	79	19419	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.14	63	118115	54.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44759	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	59071	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	8413	0.554	ug/L	90
5) Vinyl chloride	1.32	62	60109	4.105	ug/L #	31
6) Bromomethane	1.53	94	2353	0.309	ug/L	89
8) Chloroethane	1.32	64	29199	3.120	ug/L #	56
12) 1,1-Dichloroethene	2.13	96	1043	0.104	ug/L #	1
13) Acetone	2.22	43	10240	5.625	ug/L	95
14) Carbon disulfide	2.32	76	5055	0.166	ug/L #	88
25) Chloroform	4.43	83	3967	0.173	ug/L	97
30) Cyclohexane	4.72	56	13853	0.677	ug/L	95
33) Benzene	5.15	78	5176	0.112	ug/L	100
34) Trichloroethene	5.96	95	1545	0.130	ug/L	89
35) Methylcyclohexane	6.12	83	14929	0.759	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8220	0.717	ug/L #	87
42) Toluene	7.43	91	22127	0.451	ug/L	98
52) Ethylbenzene	9.05	91	33501	0.615	ug/L	98
53) m,p-xylene	9.18	106	14025	0.696	ug/L	97
54) o-xylene	9.59	106	4726	0.239	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011273.D
Acq On : 07 Jun 2019 05:33
Operator : SY/MD
Sample : K3197-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P25

Quant Time: Jun 07 08:14:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	9.60	104	3462	0.107	ug/L	81

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011273.D
Acq On : 07 Jun 2019 05:33
Operator : SY/MD
Sample : K3197-18
Misc : 25ML/MSVOA_V/WATER
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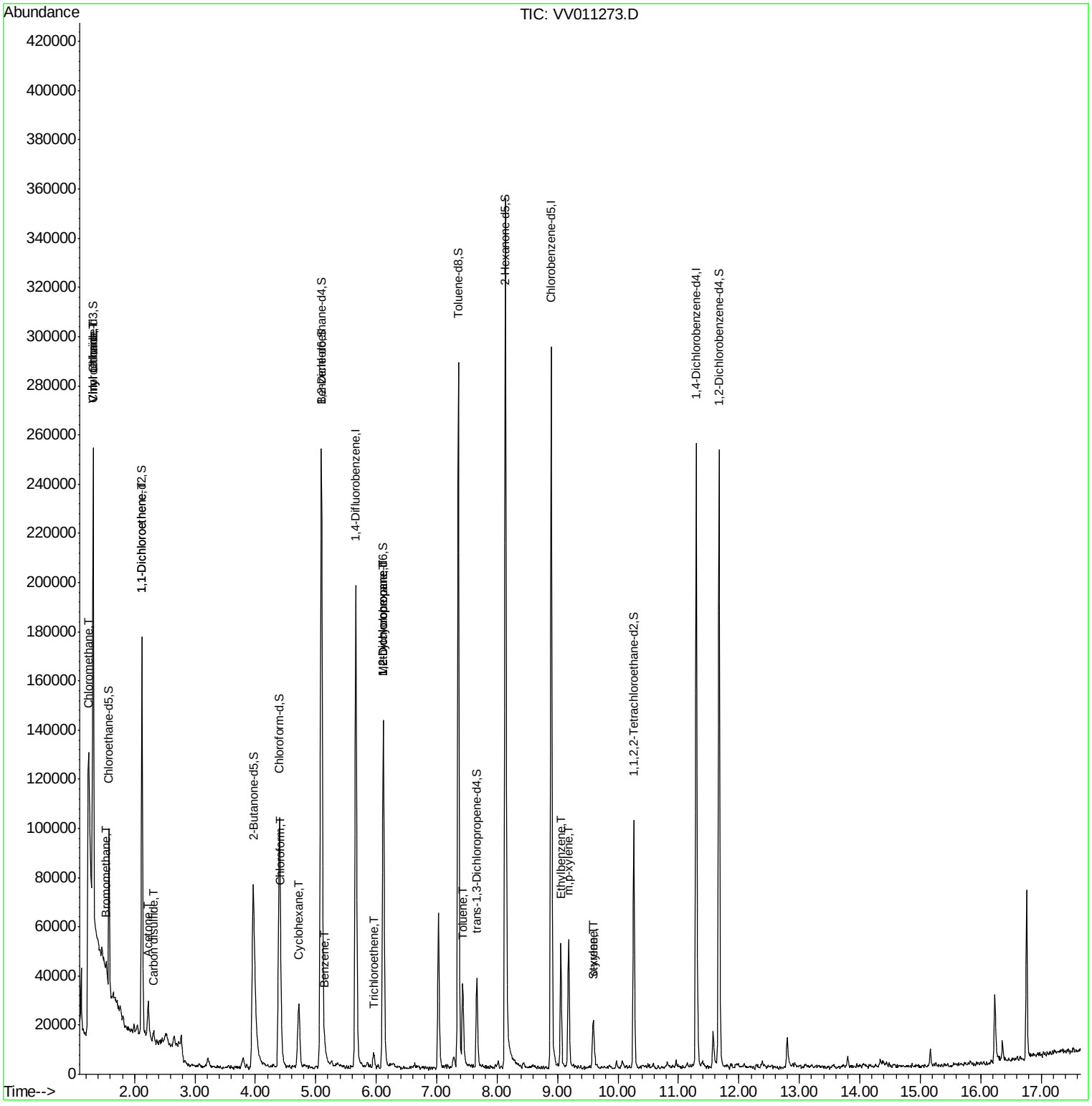
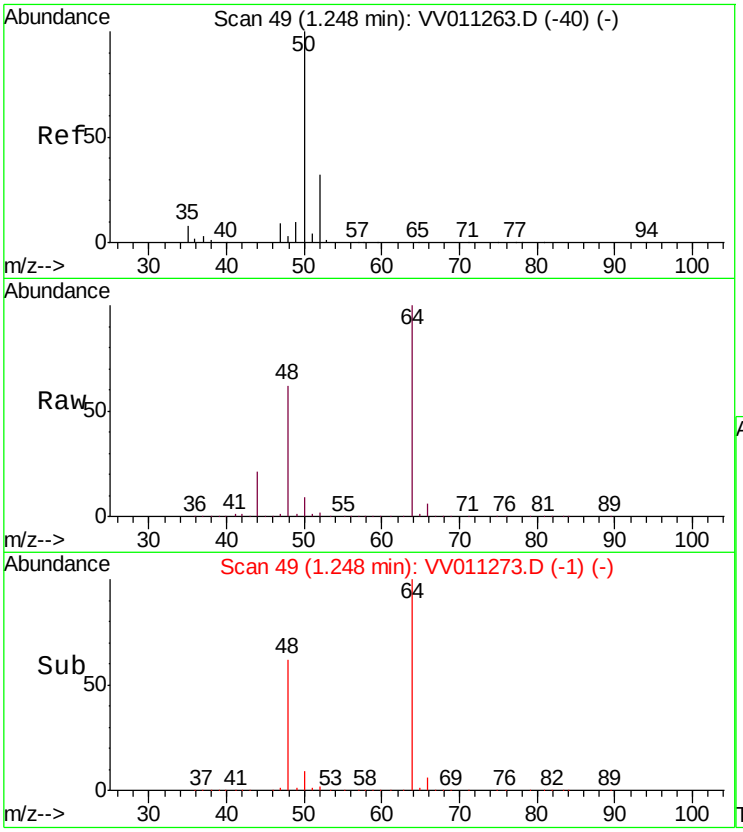
Quant Time: Jun 07 08:14:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration



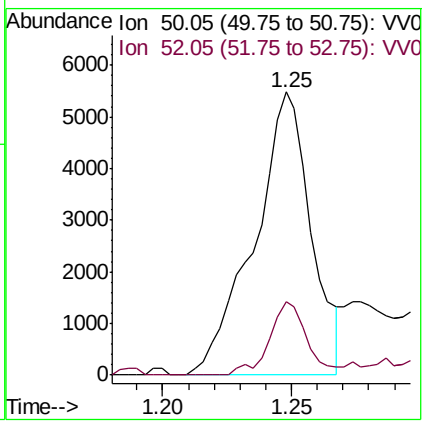


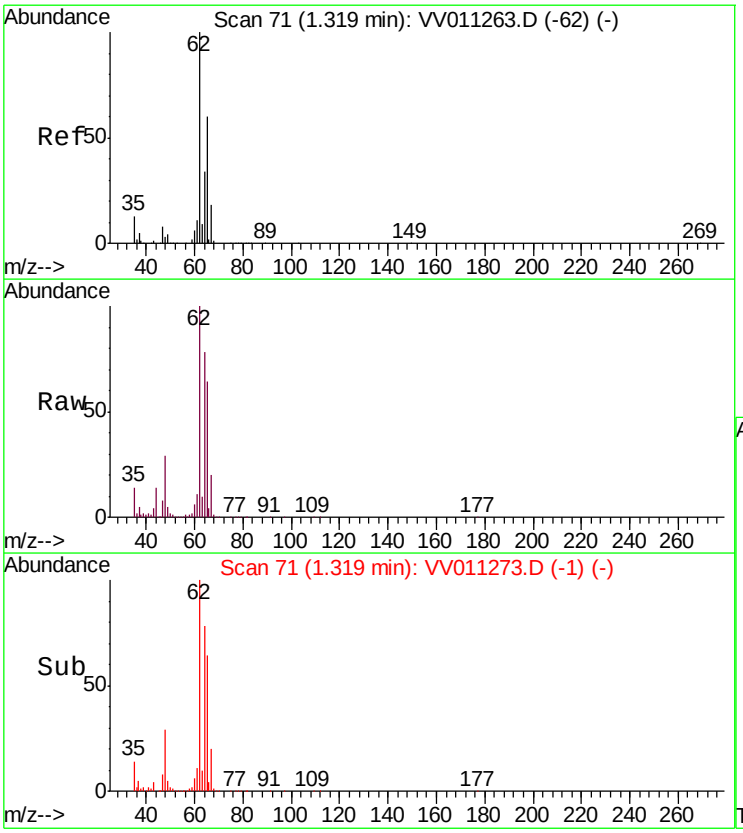
#3
Chloromethane
Concen: 0.554 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument :
MSVOA_V
ClientSampleId :
F9P25

Tgt Ion: 50 Resp: 8413

Ion	Ratio	Lower	Upper
50	100		
52	26.1	22.3	41.5

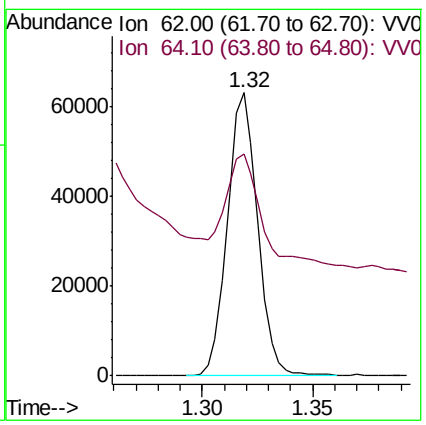


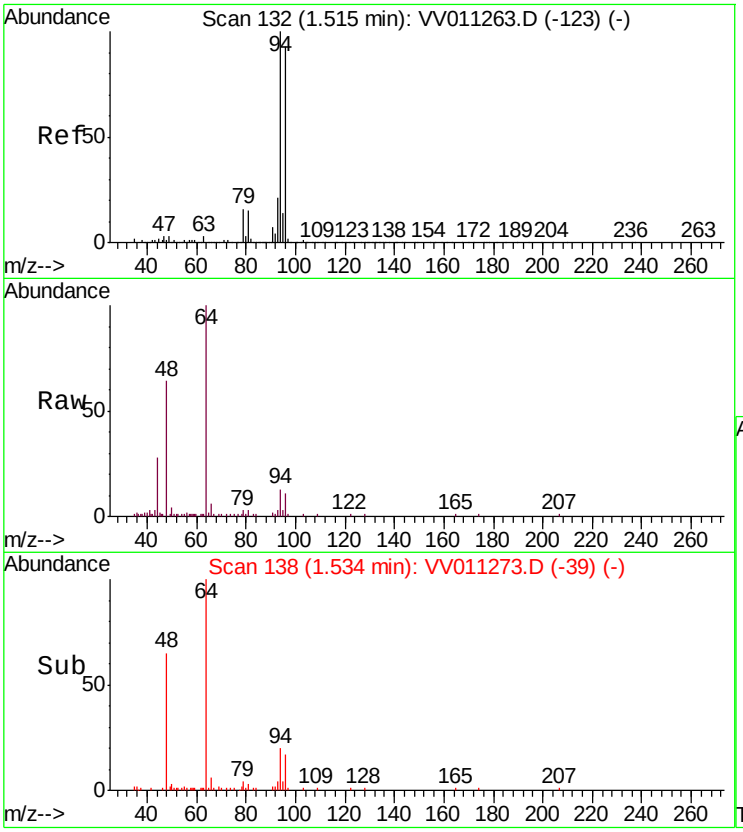


#5
Vinyl chloride
Concen: 4.105 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 62 Resp: 60109

Ion	Ratio	Lower	Upper
62	100		
64	78.3	25.9	48.1#



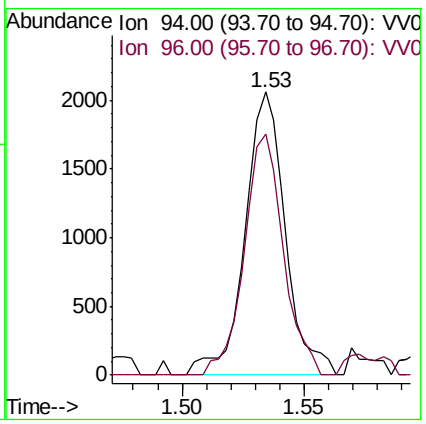


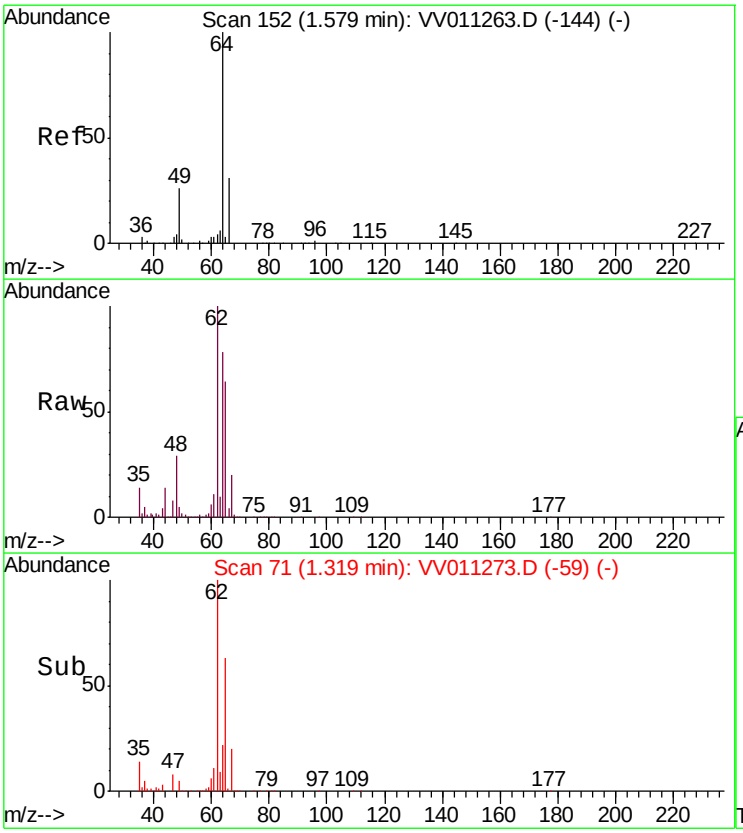
#6
Bromomethane
Concen: 0.309 ug/L
RT: 1.53 min Scan# 138
Delta R.T. 0.02 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument :
MSVOA_V
ClientSampleId :
F9P25

Tgt Ion: 94 Resp: 2353

Ion	Ratio	Lower	Upper
94	100		
96	85.2	67.0	124.4

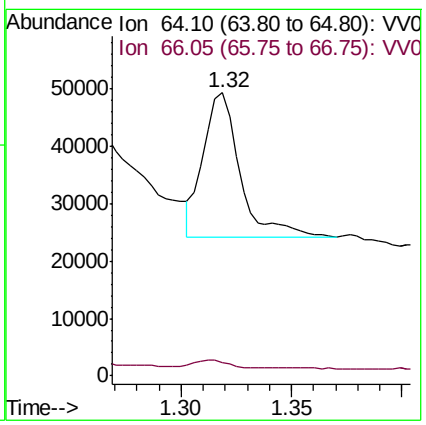


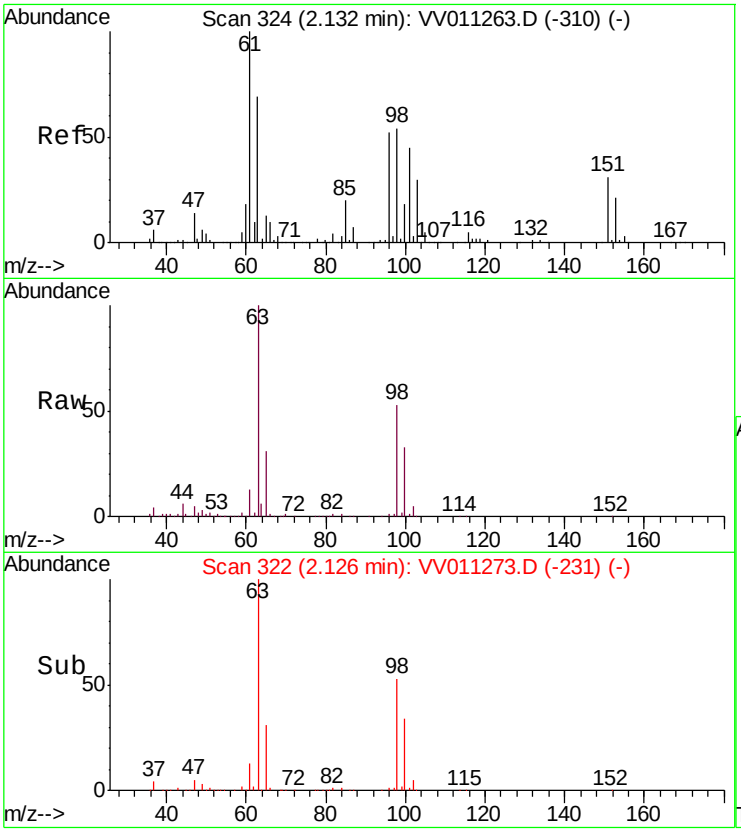


#8
Chloroethane
Concen: 3.120 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.26 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 64 Resp: 29199

Ion	Ratio	Lower	Upper
64	100		
66	4.9	19.4	36.0#



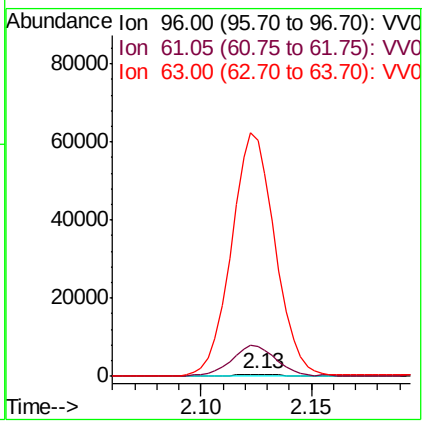


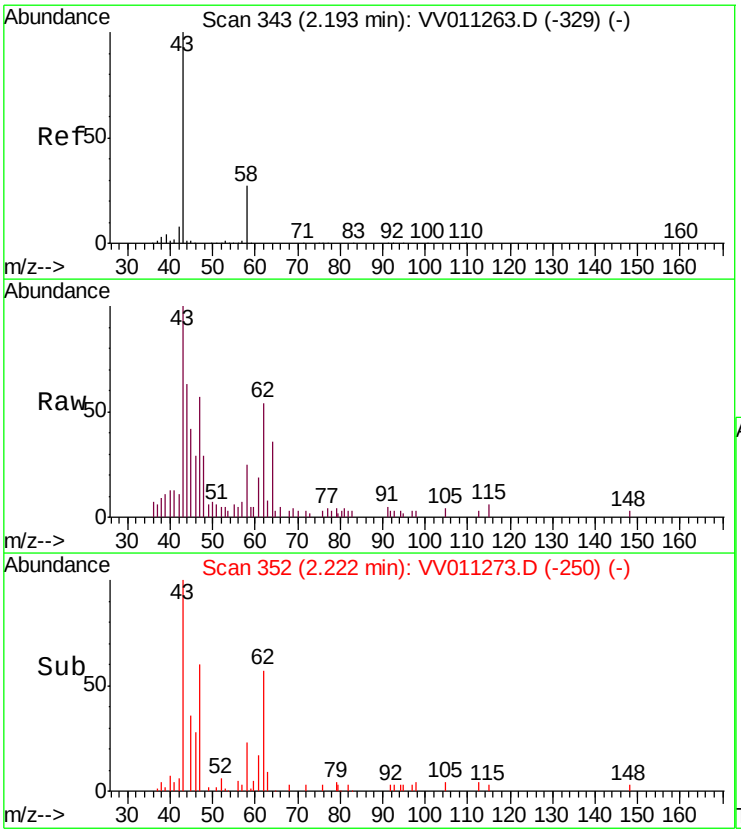
#12
1,1-Dichloroethene
Concen: 0.104 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument :
MSVOA_V
ClientSampleId :
F9P25

Tgt Ion: 96 Resp: 1043

Ion	Ratio	Lower	Upper
96	100		
61	1271.4	139.8	259.6#
63	10101.2	94.3	175.1#

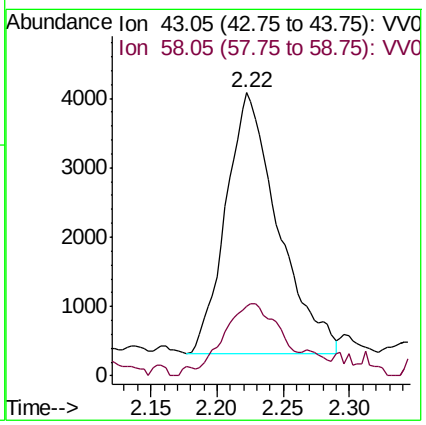


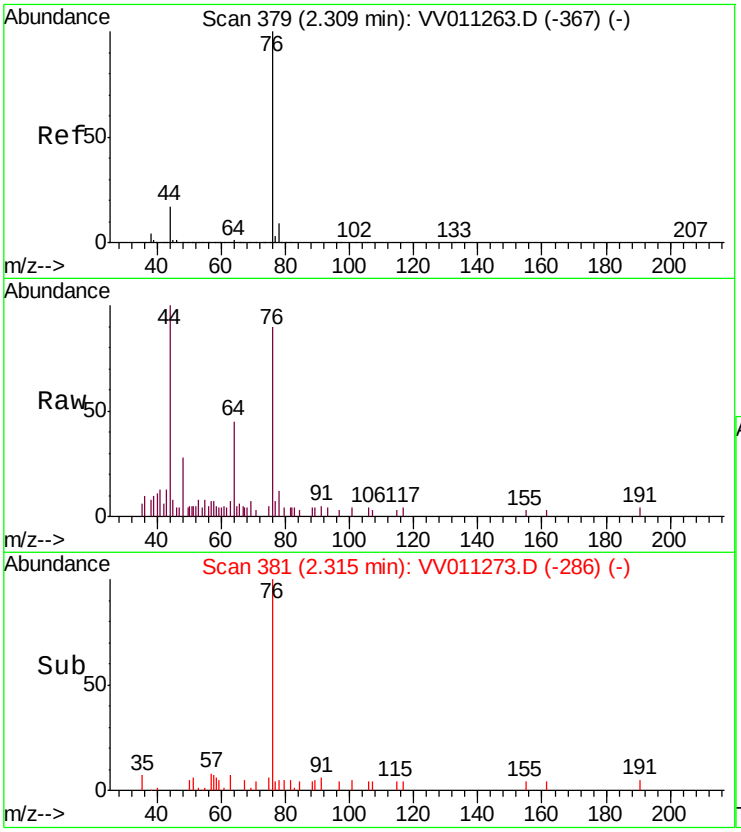


#13
Acetone
Concen: 5.625 ug/L
RT: 2.22 min Scan# 352
Delta R.T. 0.03 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 43 Resp: 10240

Ion	Ratio	Lower	Upper
43	100		
58	25.0	0.0	55.2



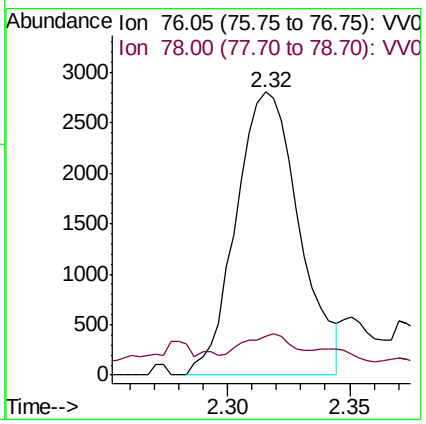


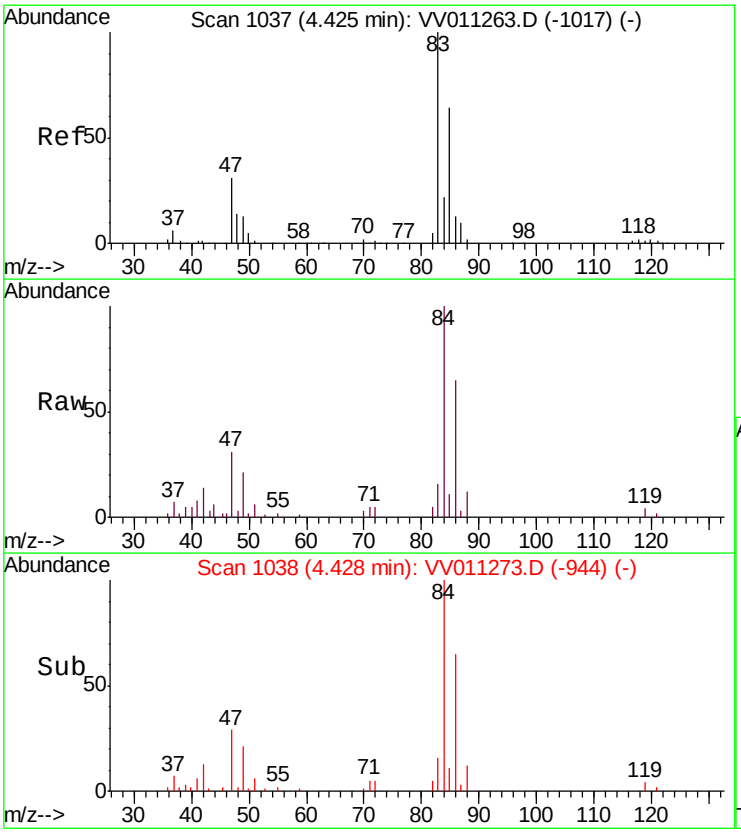
#14
Carbon disulfide
Concen: 0.166 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument : MSVOA_V
ClientSampleId : F9P25

Tgt Ion: 76 Resp: 5055

Ion	Ratio	Lower	Upper
76	100		
78	13.6	7.3	10.9#

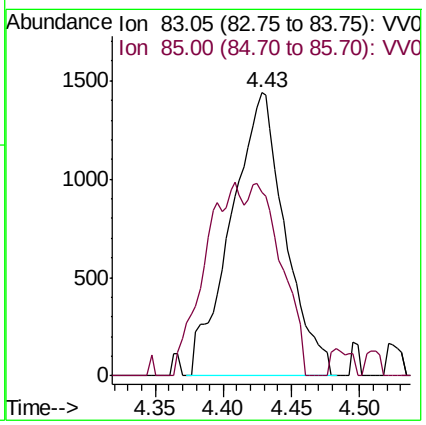


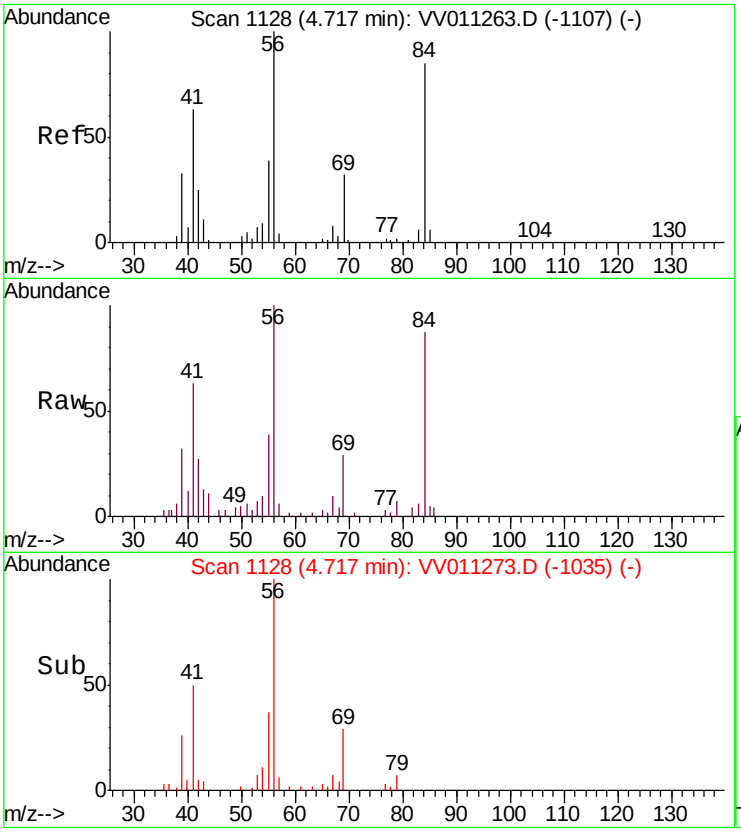


#25
Chloroform
Concen: 0.173 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 83 Resp: 3967

Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.1	81.9



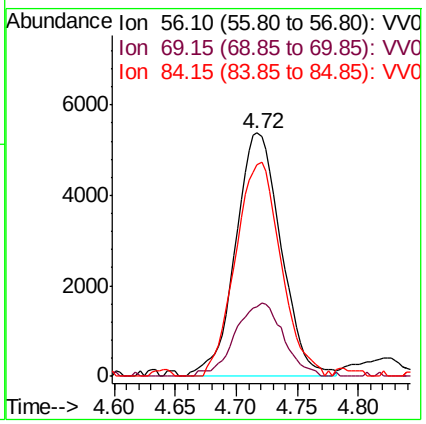


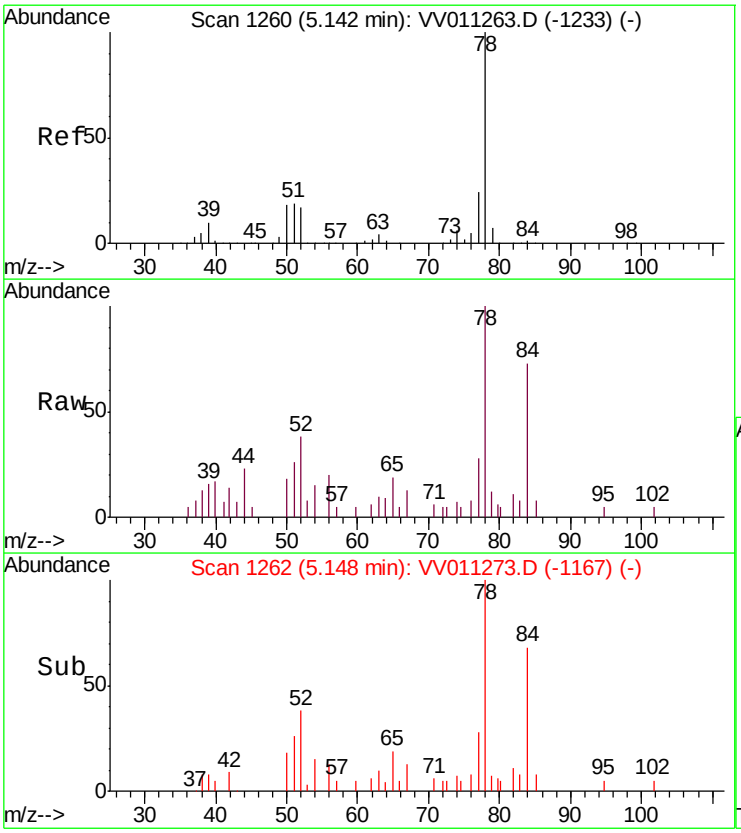
#30
Cyclohexane
Concen: 0.677 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument :
MSVOA_V
ClientSampleId :
F9P25

Tgt Ion: 56 Resp: 13853

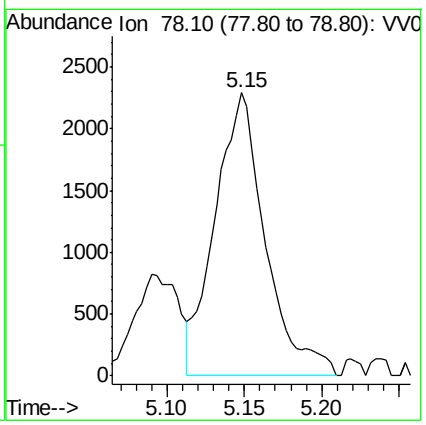
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.1	36.1
84	87.9	66.4	99.6

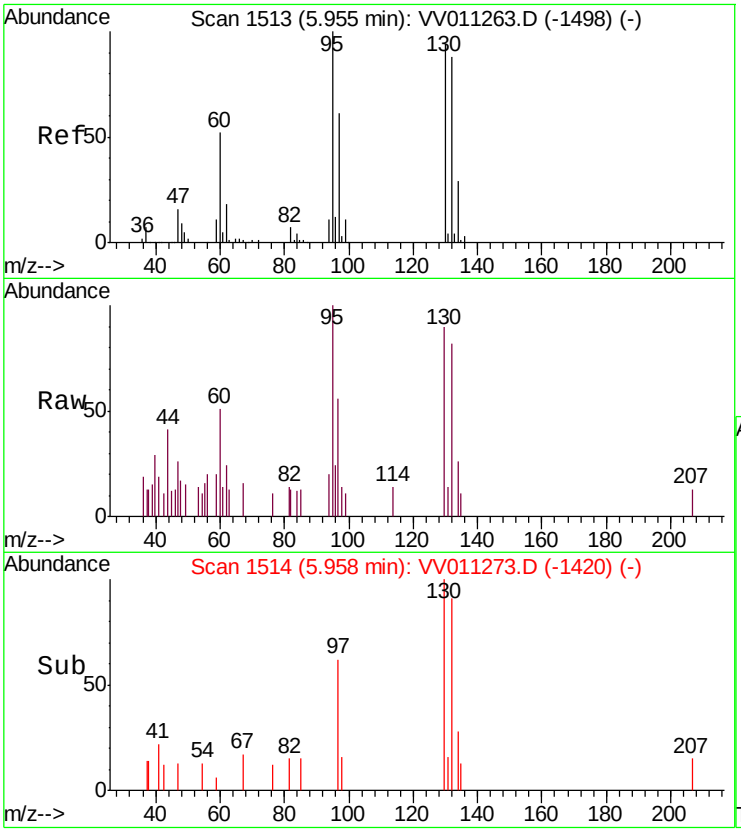




#33
Benzene
Concen: 0.112 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 78 Resp: 5176



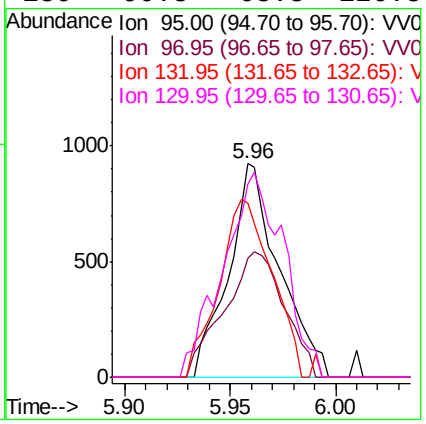


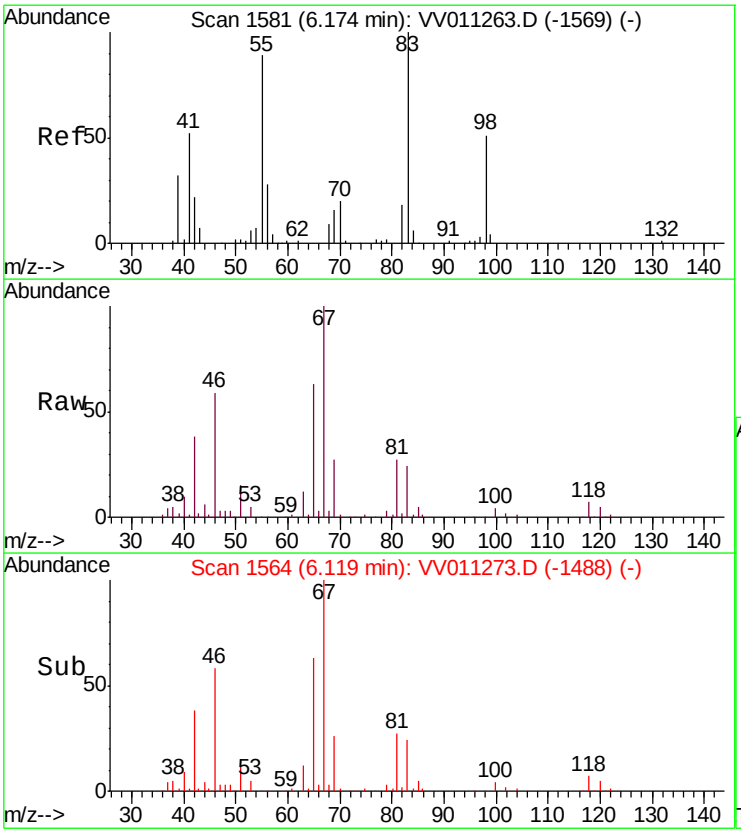
#34
Trichloroethene
Concen: 0.130 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument :
MSVOA_V
ClientSampleId :
F9P25

Tgt Ion: 95 Resp: 1545

Ion	Ratio	Lower	Upper
95	100		
97	55.7	45.8	85.2
132	81.7	66.4	123.2
130	90.3	68.3	126.8

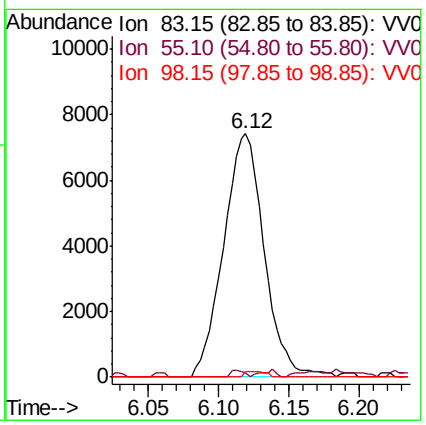


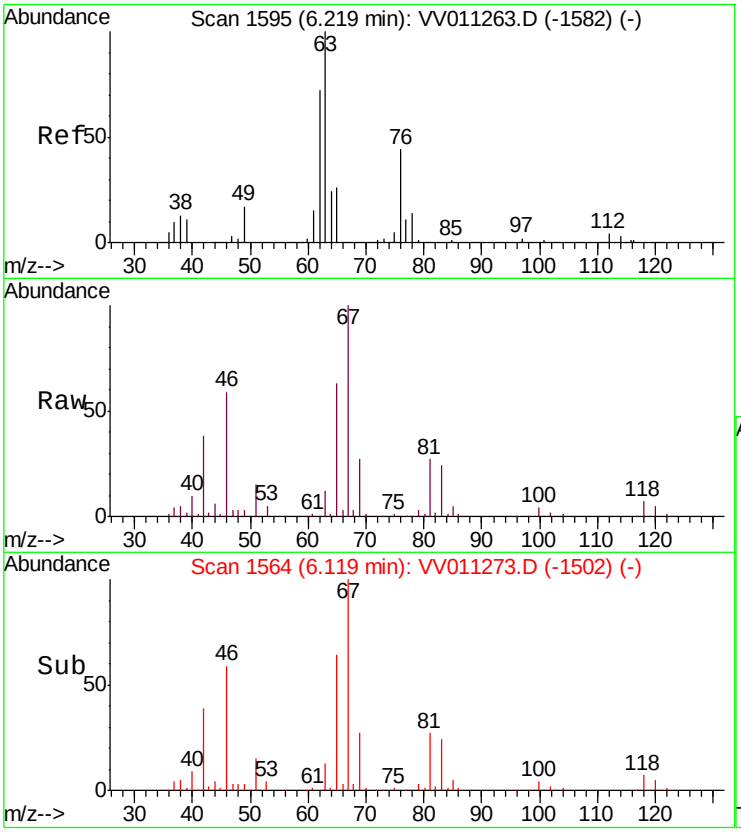


#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 83 Resp: 14929

Ion	Ratio	Lower	Upper
83	100		
55	0.9	67.0	100.6#
98	1.1	40.0	60.0#



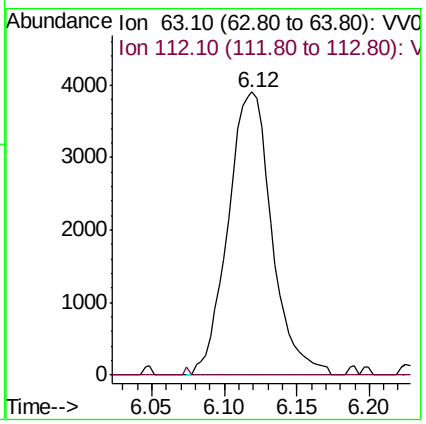


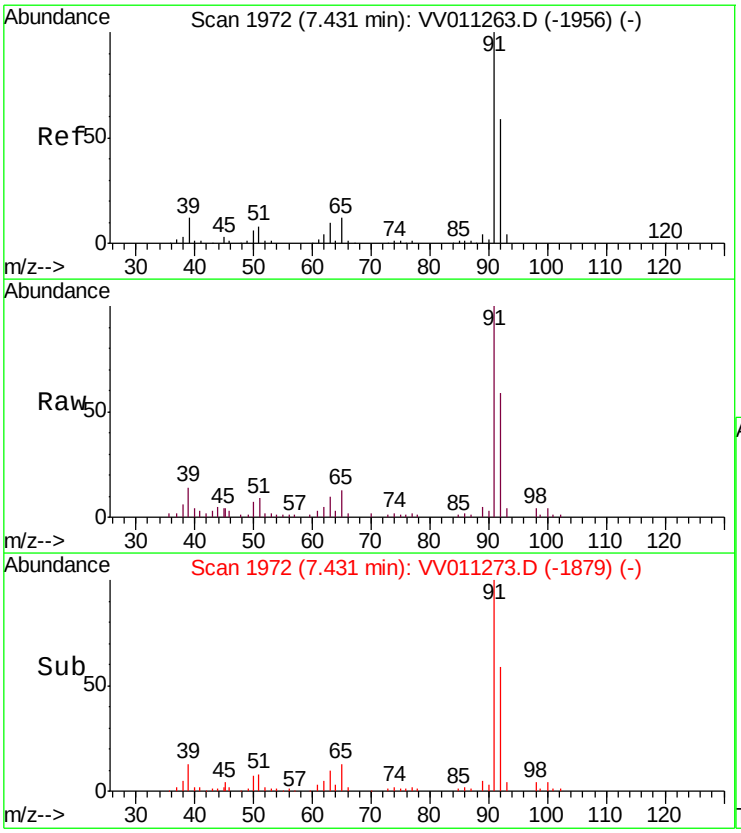
#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument :
MSVOA_V
ClientSampleId :
F9P25

Tgt Ion: 63 Resp: 8220

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#

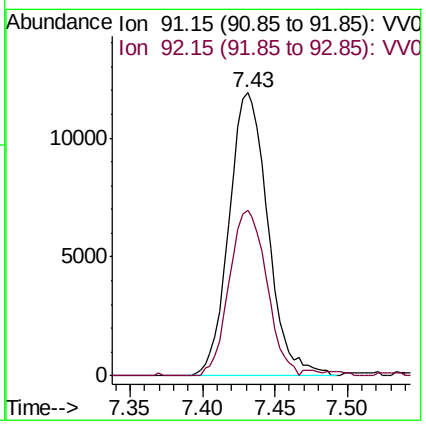


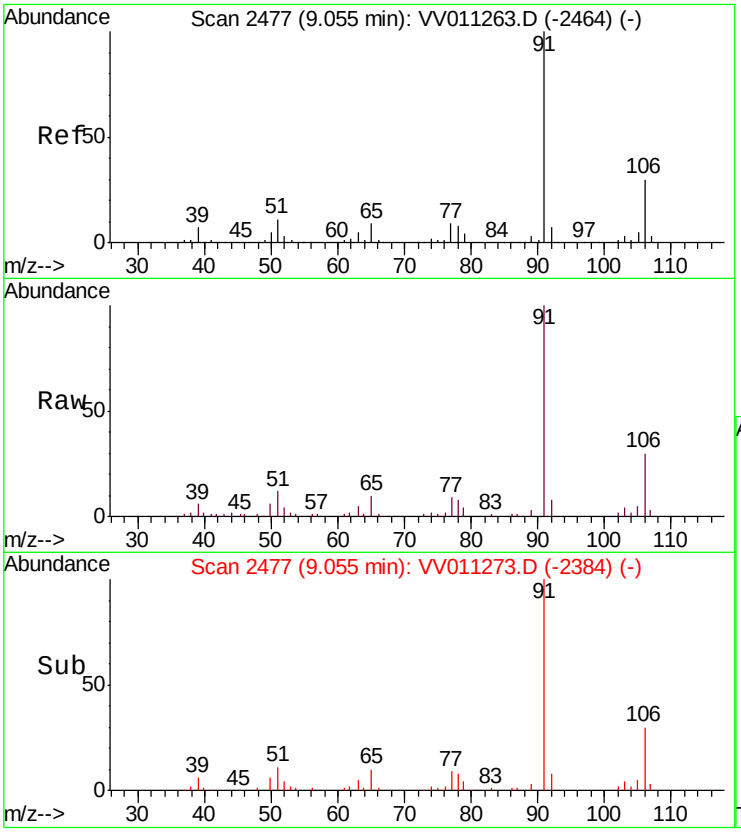


#42
Toluene
Concen: 0.451 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion: 91 Resp: 22127

Ion	Ratio	Lower	Upper
91	100		
92	58.6	39.9	74.1



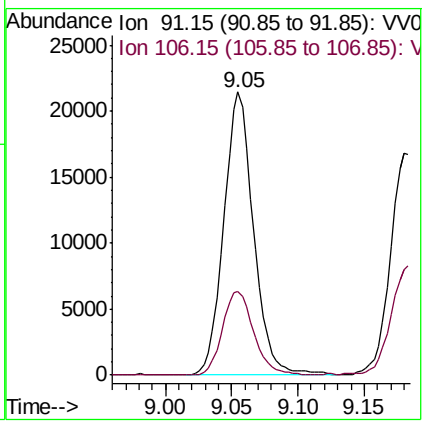


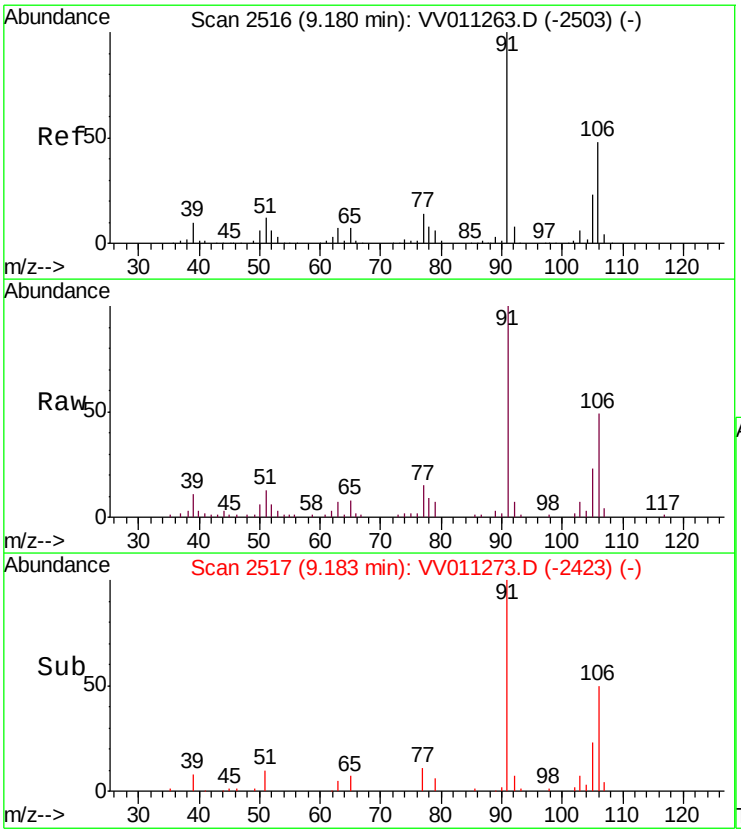
#52
Ethylbenzene
Concen: 0.615 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument : MSVOA_V
ClientSampleId : F9P25

Tgt Ion: 91 Resp: 33501

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.5	39.9

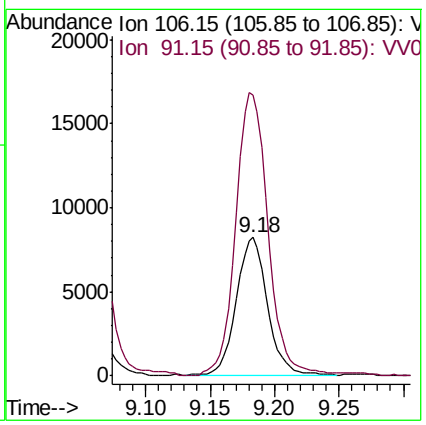


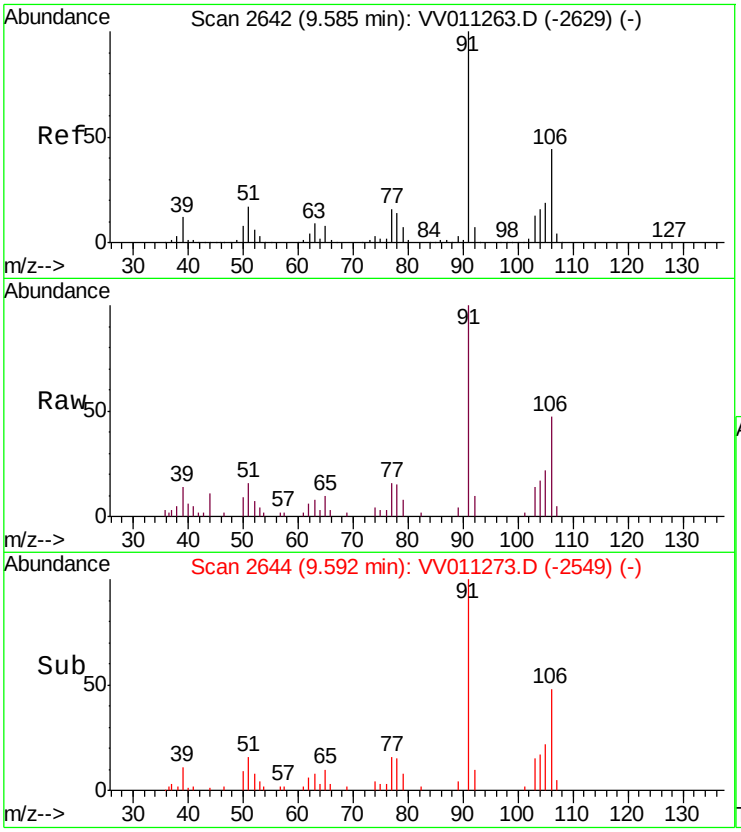


#53
m,p-xylene
Concen: 0.696 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion:106 Resp: 14025

Ion	Ratio	Lower	Upper
106	100		
91	202.8	145.5	270.3



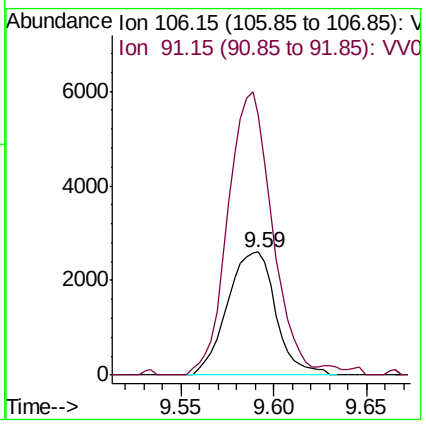


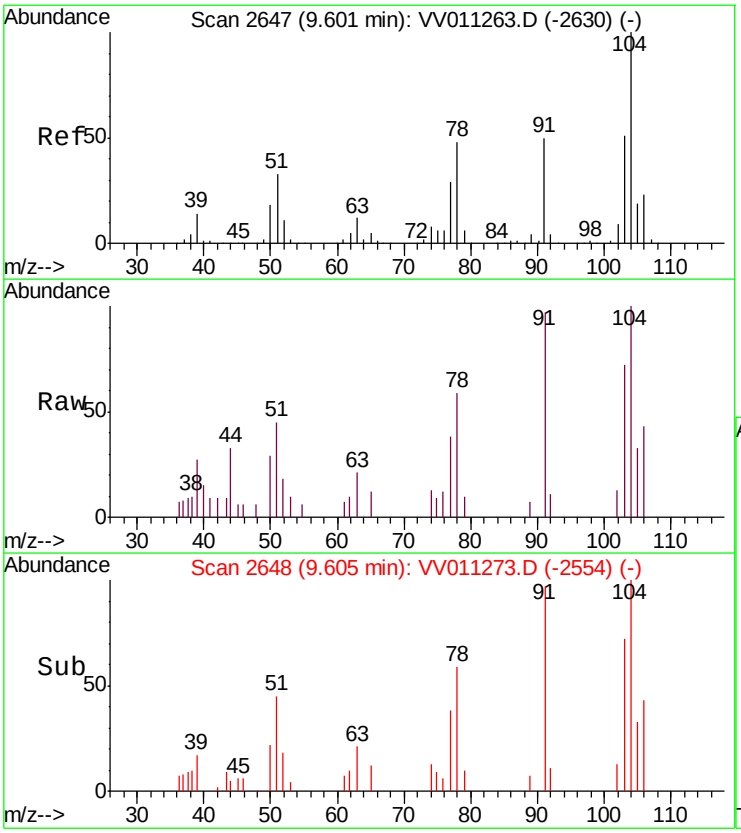
#54
o-xylene
Concen: 0.239 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.01 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Instrument : MSVOA_V
ClientSampleId : F9P25

Tgt Ion:106 Resp: 4726

Ion	Ratio	Lower	Upper
106	100		
91	211.4	155.4	288.6





#55
Styrene
Concen: 0.107 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV011273.D
Acq: 07 Jun 2019 05:33

Tgt Ion:104 Resp: 3462

Ion	Ratio	Lower	Upper
104	100		
78	59.1	32.4	60.2