Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016737.D
Acq On : 09 Jun 2020 23:10
Operator : SY/MD
Sample : L2914-02 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D87DL

Quant Time: Jun 10 03:47:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352340	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159007	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	95486	38.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.82%			
7) Chloroethane-d5	1.55	69	68173	45.70	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.11	63	130703	31.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.62%			
21) 2-Butanone-d5	3.89	46	184914	100.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.49%			
24) Chloroform-d	4.37	84	226637	44.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.66%			
26) 1,2-Dichloroethane-d4	5.05	65	164611	47.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.74%			
32) Benzene-d6	5.07	84	437299	45.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.10%			
36) 1,2-Dichloropropane-d6	6.09	67	137521	45.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.92%			
41) Toluene-d8	7.34	98	387084	43.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.88%			
43) trans-1,3-Dichloropropene-	7.64	79	64319	41.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.54%			
47) 2-Hexanone-d5	8.11	63	129876	99.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.56%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188057	47.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.94%			
64) 1,2-Dichlorobenzene-d4	11.65	152	170936	50.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.74%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1201	0.641	ug/L #	20
27) 1,2-Dichloroethane	5.12	62	14763	3.818	ug/L #	80
29) Cyclohexane	4.70	56	5637	1.362	ug/L	90
33) Benzene	5.12	78	1670668	169.563	ug/L	100
42) Toluene	7.41	91	85377	8.220	ug/L	98
48) 2-Hexanone	8.17	43	7768	2.759	ug/L #	96
52) Ethylbenzene	9.04	91	121361	10.549	ug/L	98
53) m,p-Xylene	9.16	106	8354	1.950	ug/L	93
54) o-xylene	9.57	106	16628	3.936	ug/L	94
59) 1,2,3-Trichloropropane	11.27	75	19216	6.044	ug/L	88

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

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ClientSampleId :
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Quant Time: Jun 10 03:47:31 2020
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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
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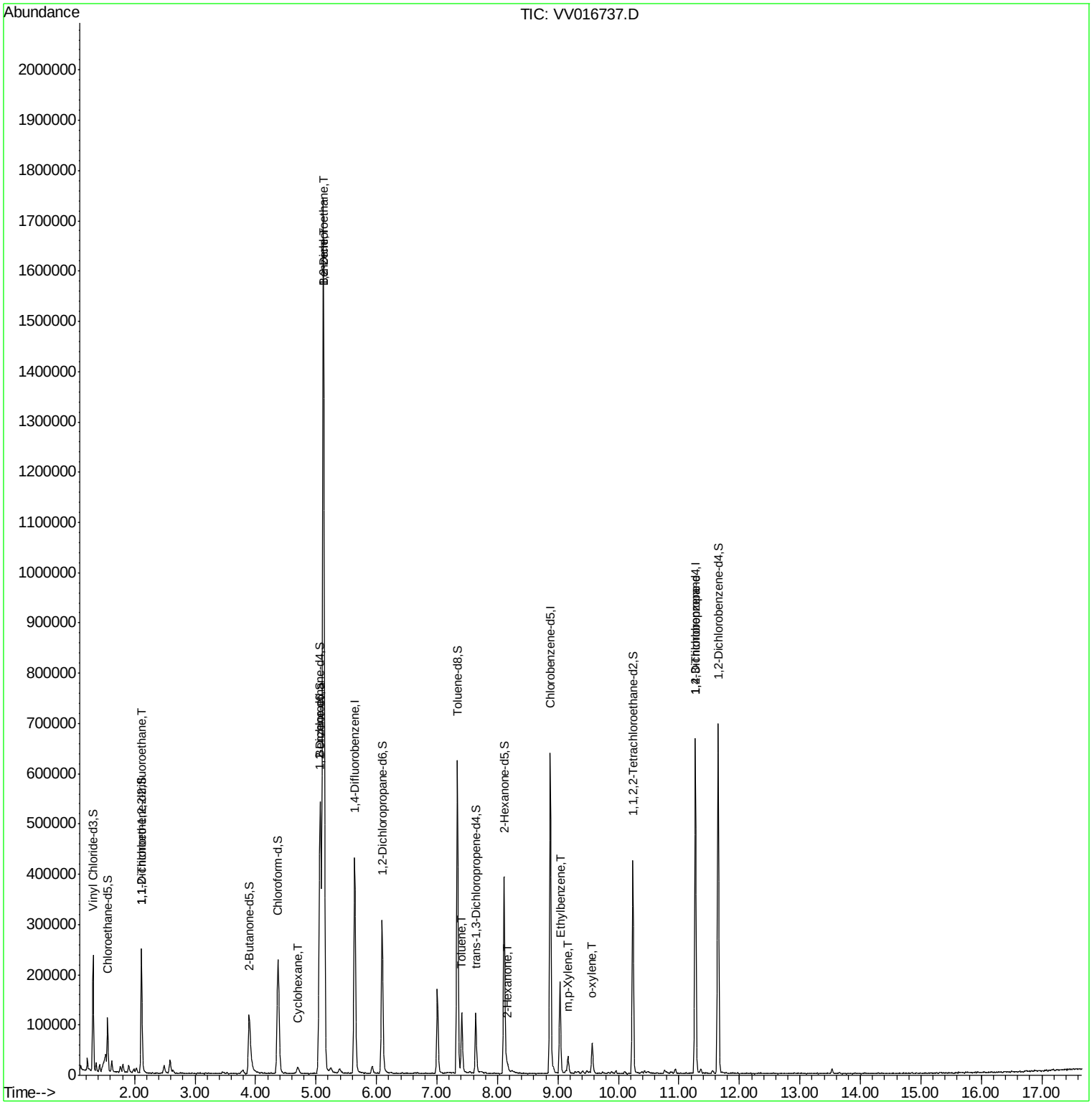
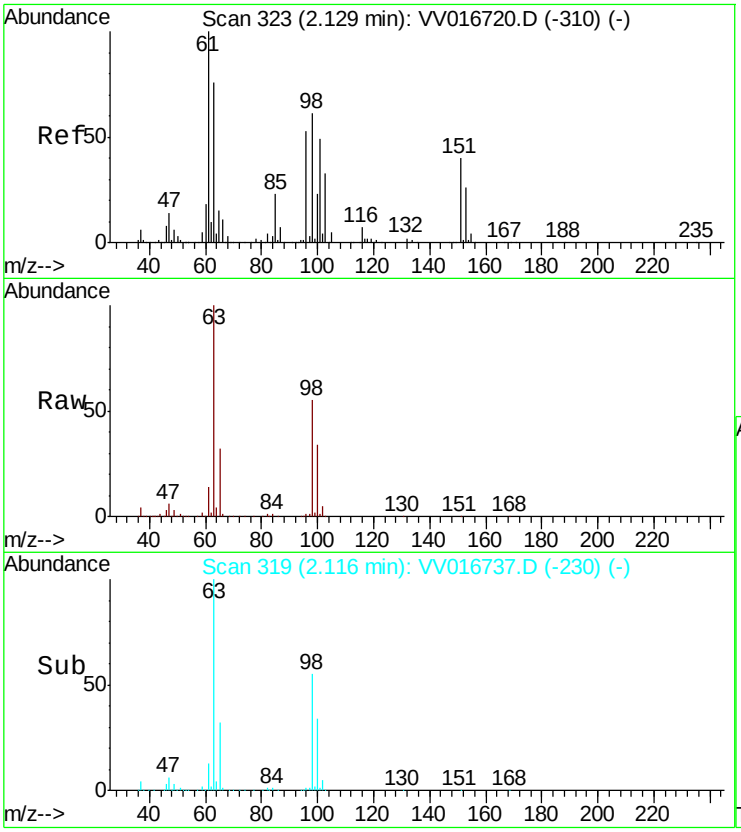


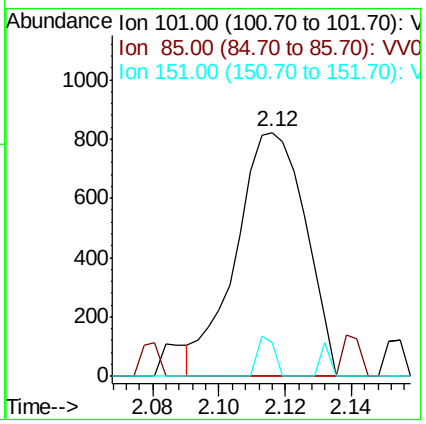


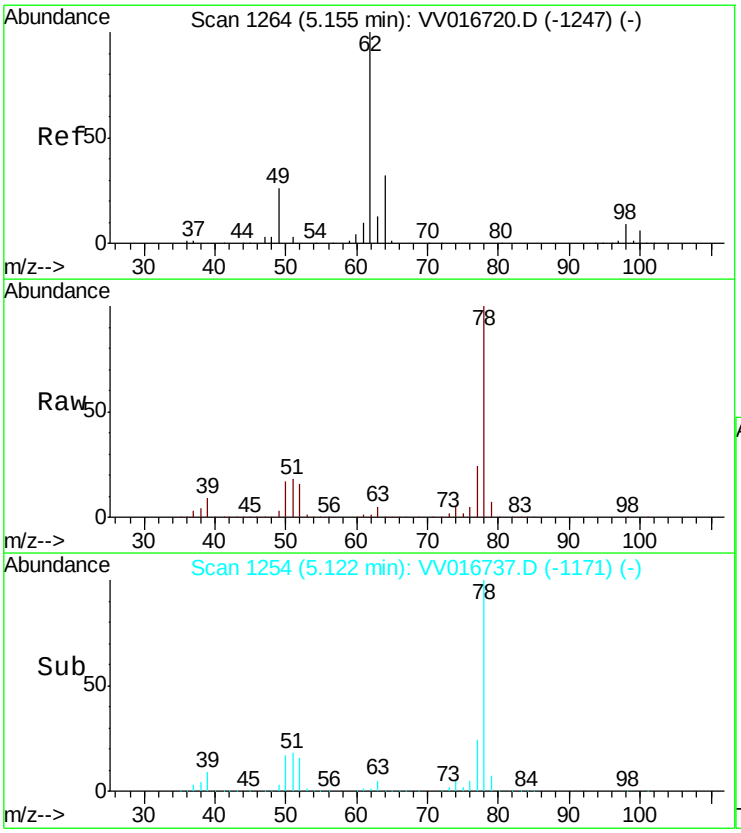
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.641 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Instrument : MSVOA_V
ClientSampleId : F9D87DL

Tgt Ion:101 Resp: 1201

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.5	53.3#
151	3.9	63.9	95.9#

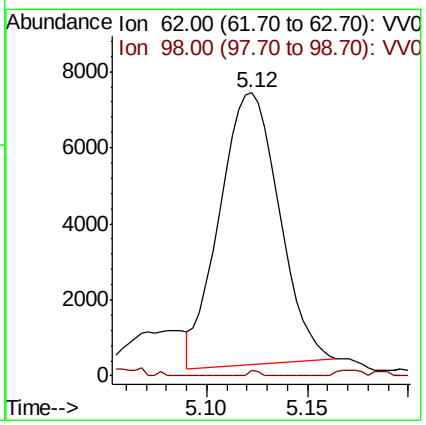


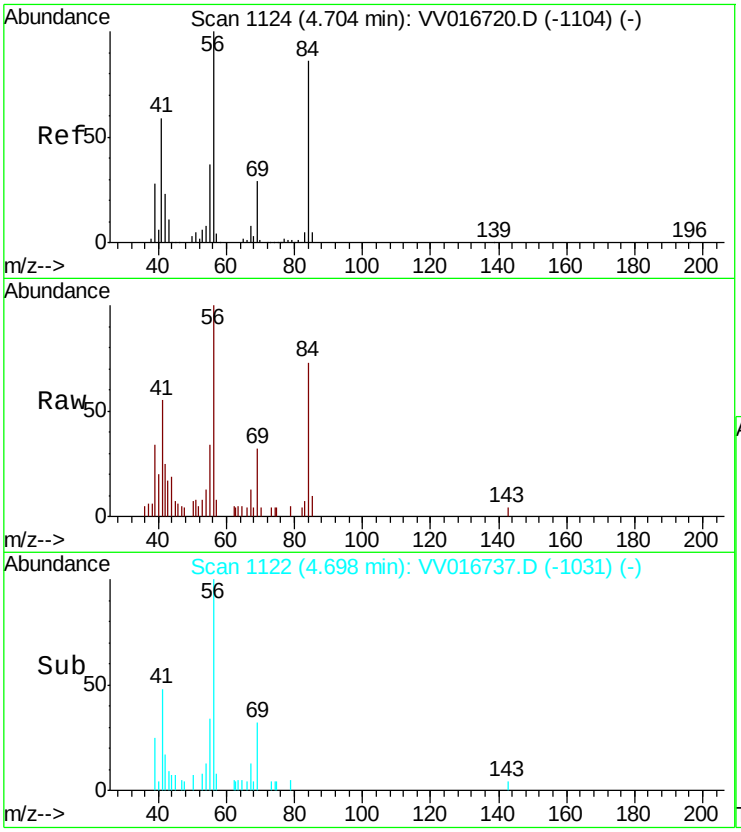


#27
1,2-Dichloroethane
Concen: 3.818 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.03 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Tgt Ion: 62 Resp: 14763

Ion	Ratio	Lower	Upper
62	100		
98	1.8	7.4	11.2#



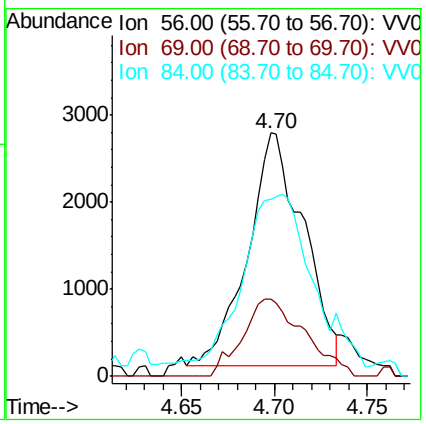


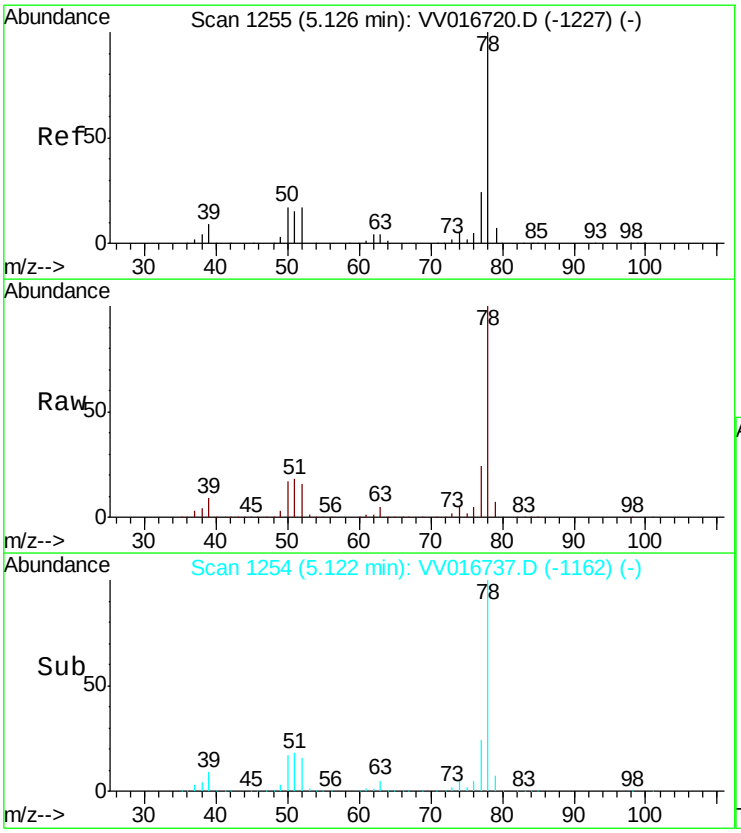
#29
Cyclohexane
Concen: 1.362 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Instrument : MSVOA_V
ClientSampleId : F9D87DL

Tgt Ion: 56 Resp: 5637

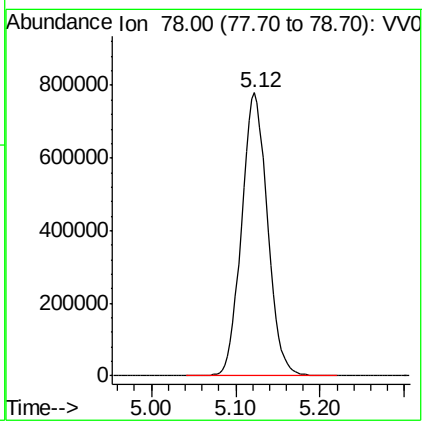
Ion	Ratio	Lower	Upper
56	100		
69	36.5	25.0	37.4
84	77.7	69.5	104.3

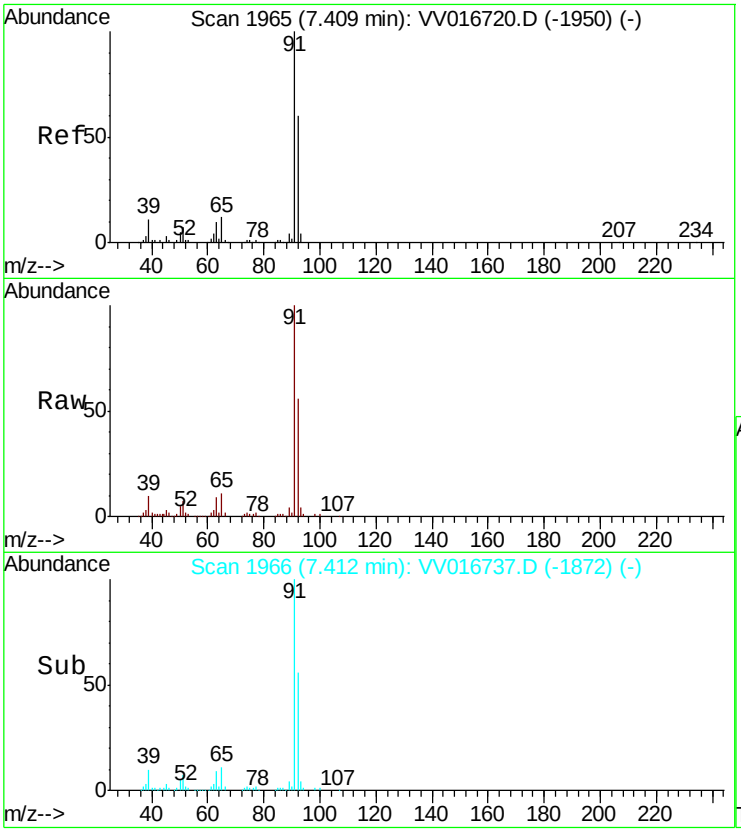




#33
Benzene
Concen: 169.563 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Tgt Ion: 78 Resp: 1670668



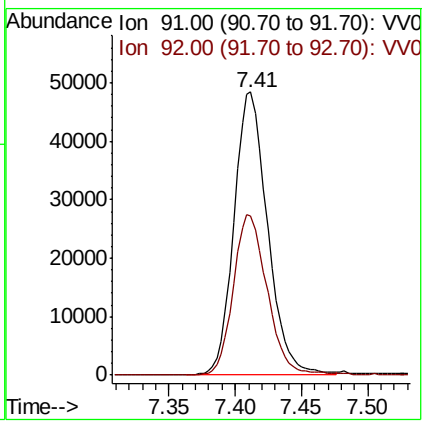


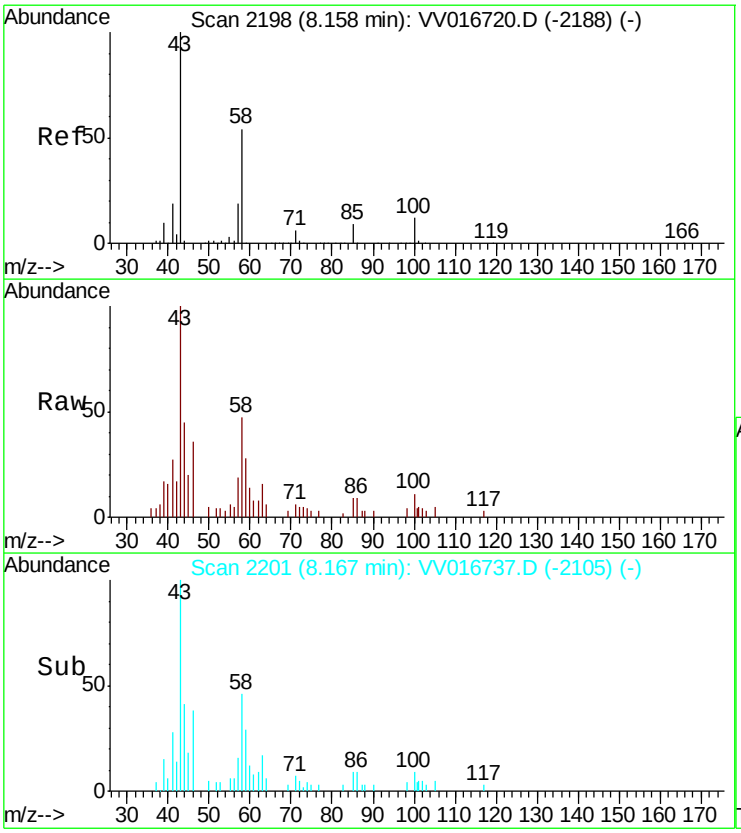
#42
Toluene
Concen: 8.220 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Instrument : MSVOA_V
ClientSampleId : F9D87DL

Tgt Ion: 91 Resp: 85377

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.4	75.0

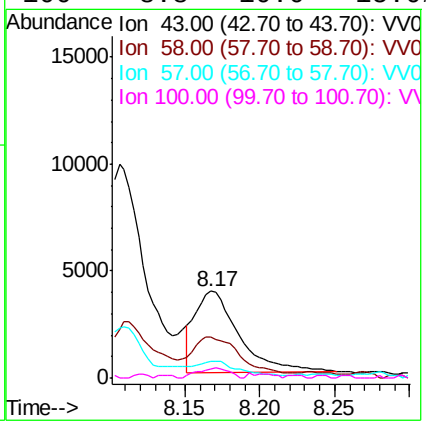


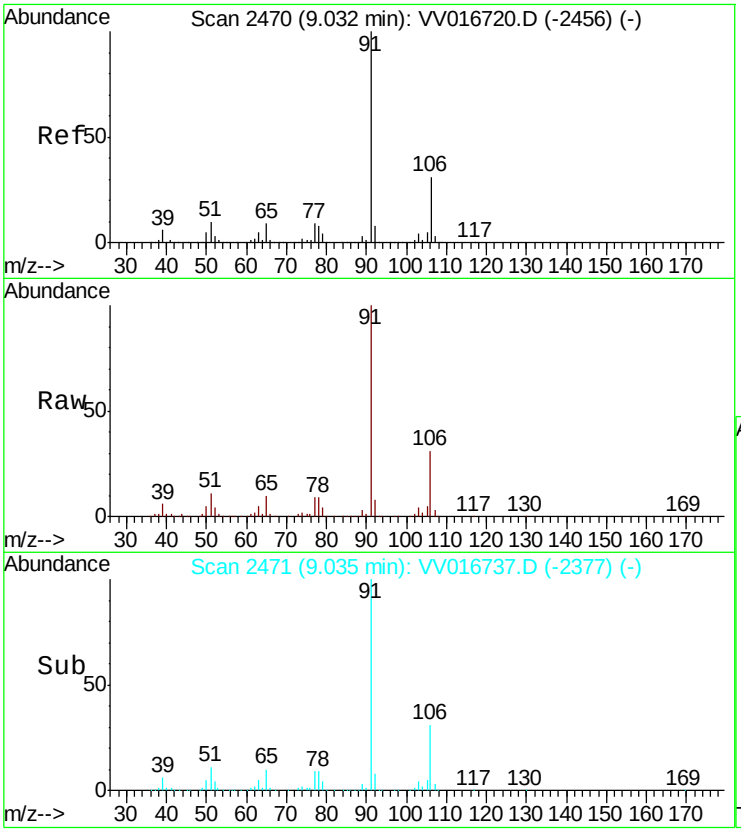


#48
2-Hexanone
Concen: 2.759 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Tgt Ion: 43 Resp: 7768

Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.1	64.7
57	15.3	15.3	22.9
100	8.8	10.0	15.0#



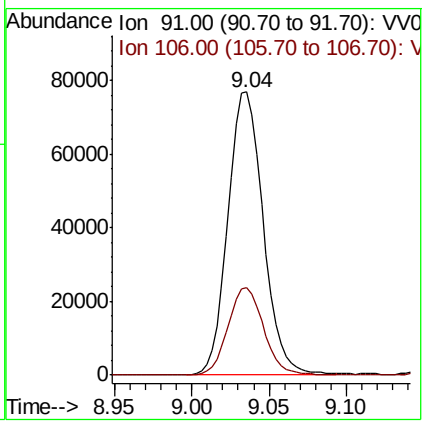


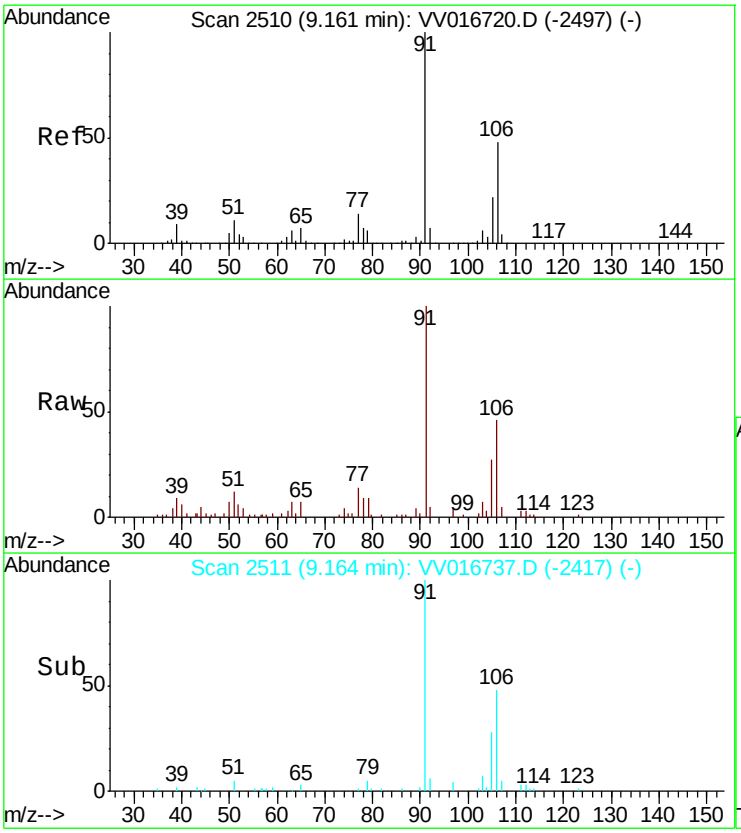
#52
Ethylbenzene
Concen: 10.549 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Instrument : MSVOA_V
ClientSampleId : F9D87DL

Tgt Ion: 91 Resp: 121361

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.1	39.1

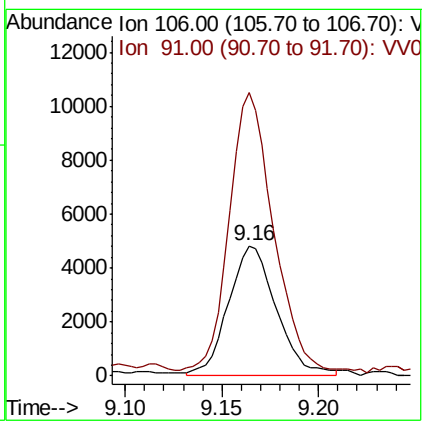


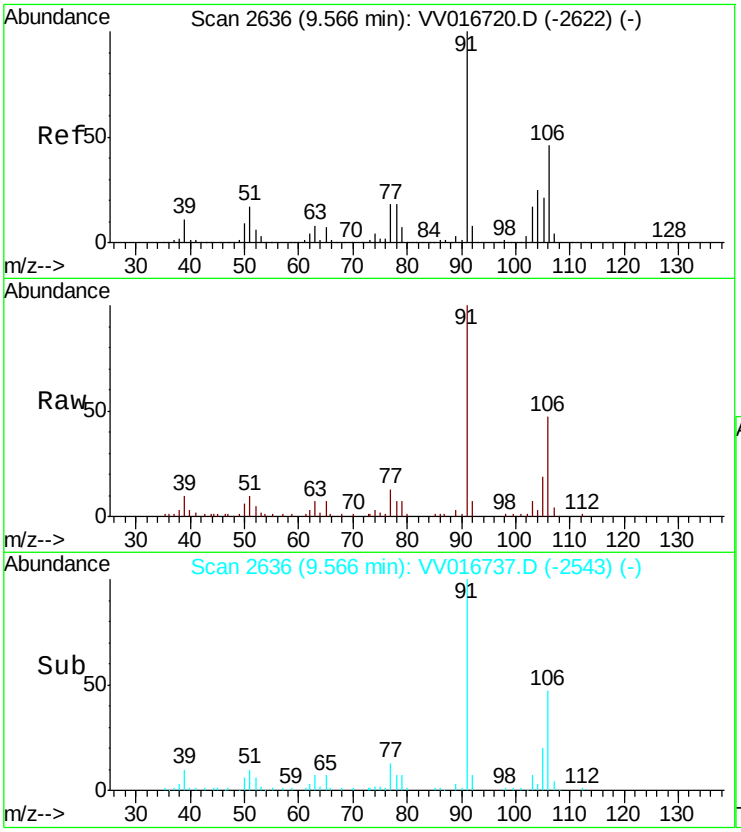


#53
m,p-Xylene
Concen: 1.950 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Tgt Ion:106 Resp: 8354

Ion	Ratio	Lower	Upper
106	100		
91	217.1	144.6	268.6



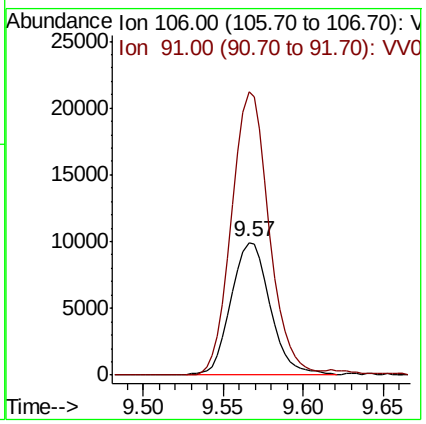


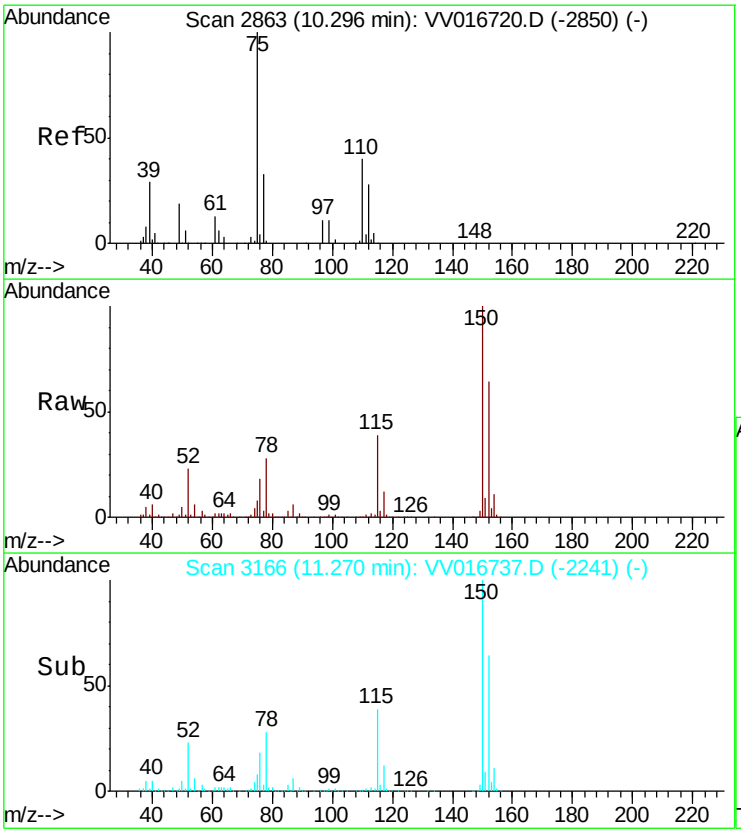
#54
o-xylene
Concen: 3.936 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Instrument :
MSVOA_V
ClientSampleId :
F9D87DL

Tgt Ion:106 Resp: 16628

Ion	Ratio	Lower	Upper
106	100		
91	212.9	155.9	289.5





#59
1,2,3-Trichloropropane
Concen: 6.044 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016737.D
Acq: 09 Jun 2020 23:10

Tgt Ion: 75 Resp: 19216

Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.1	39.1