Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013763.D
Acq On : 25 Nov 2019 14:12
Operator : SY/MD
Sample : K5910-21DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK4DL2

Quant Time: Nov 26 04:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	359964	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346388	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	195970	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	97362	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.58	69	90505	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.13	63	138143	3.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.60%			
20) 2-Butanone-d5	3.94	46	280432	60.55	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.10%			
24) Chloroform-d	4.40	84	222861	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.08	65	113716	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
32) Benzene-d6	5.09	84	428262	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.11	67	133616	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.36	98	360923	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.66	79	48644	4.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.80%			
46) 2-Hexanone-d5	8.14	63	214375	56.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.14%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108850	5.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	176273	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chloromethane	1.21	50	13934	0.662	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1697	0.086	ug/L #	18
13) Acetone	2.15	43	11029	3.405	ug/L	85
14) Carbon disulfide	2.32	76	1863	0.047	ug/L #	51
16) Methylene chloride	2.53	84	6591	0.278	ug/L	83
25) Chloroform	4.42	83	15453	0.374	ug/L	95
30) Cyclohexane	4.72	56	20620	0.697	ug/L #	91
33) Benzene	5.14	78	42245	0.497	ug/L	100
35) Methylcyclohexane	6.17	83	4217	0.135	ug/L #	72
38) Bromodichloromethane	6.55	83	1648	0.057	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	3076	0.099	ug/L #	82
42) Toluene	7.43	91	217261	2.384	ug/L	98
48) 2-Hexanone	8.14	43	27224	2.993	ug/L #	80
52) Ethylbenzene	9.05	91	231180	2.335	ug/L	98
53) m,p-xylene	9.18	106	300665	7.966	ug/L	99
54) o-xylene	9.58	106	64661	1.755	ug/L	96
55) Styrene	9.58	104	5750	0.090	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013763.D
Acq On : 25 Nov 2019 14:12
Operator : SY/MD
Sample : K5910-21DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK4DL2

Quant Time: Nov 26 04:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	9.97	105	11920	0.119	ug/L	#	93
69) Naphthalene	13.55	128	18988	0.354	ug/L	#	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013763.D
Acq On : 25 Nov 2019 14:12
Operator : SY/MD
Sample : K5910-21DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
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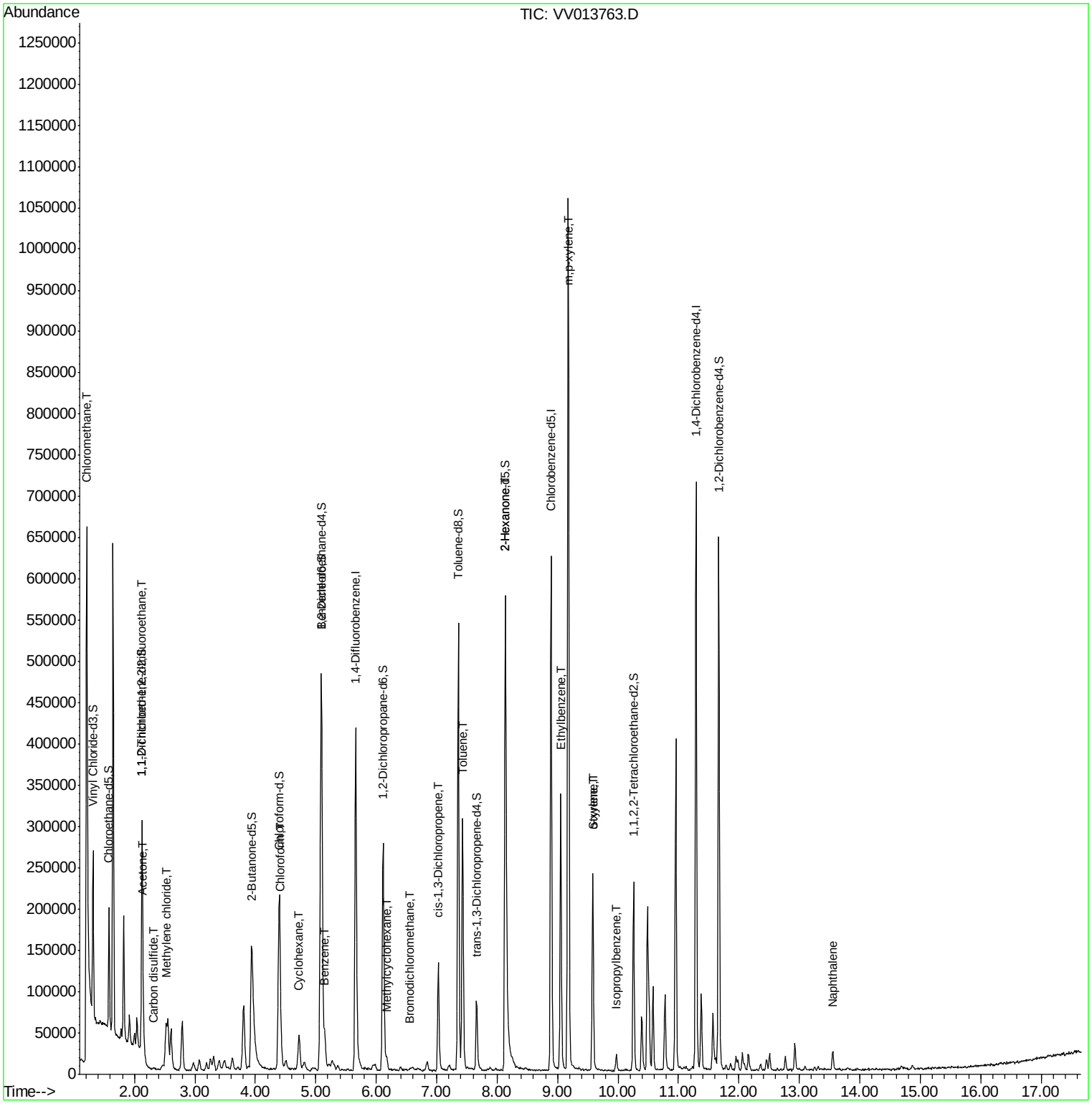
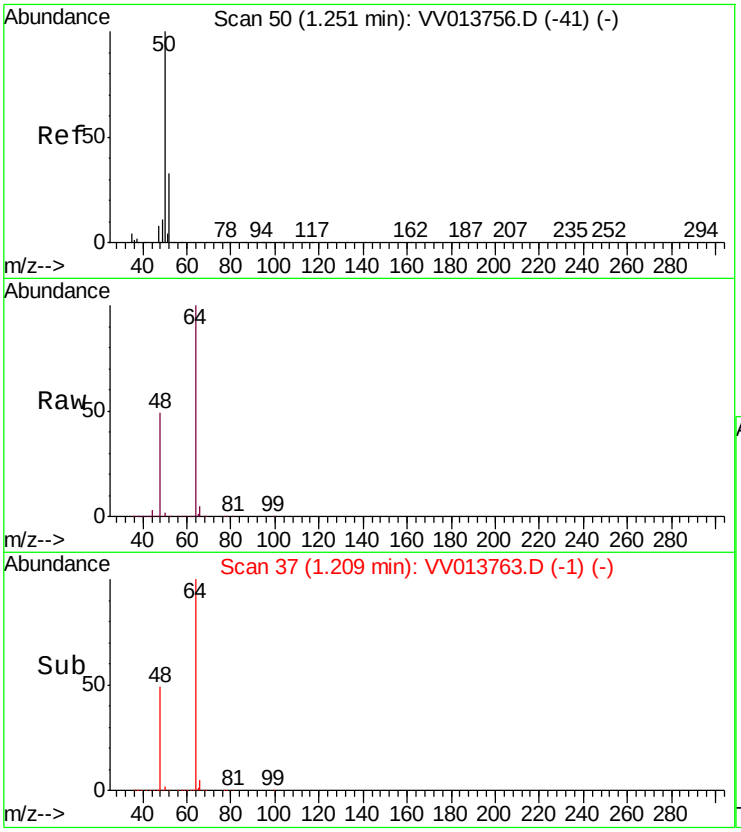
Quant Time: Nov 26 04:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration



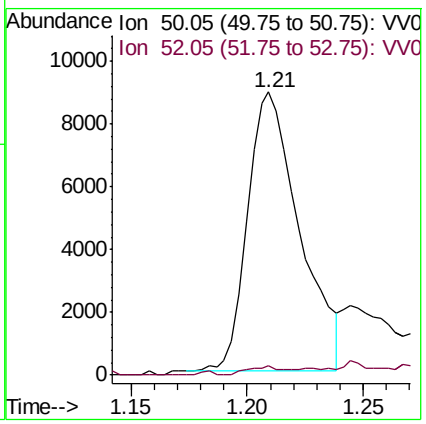


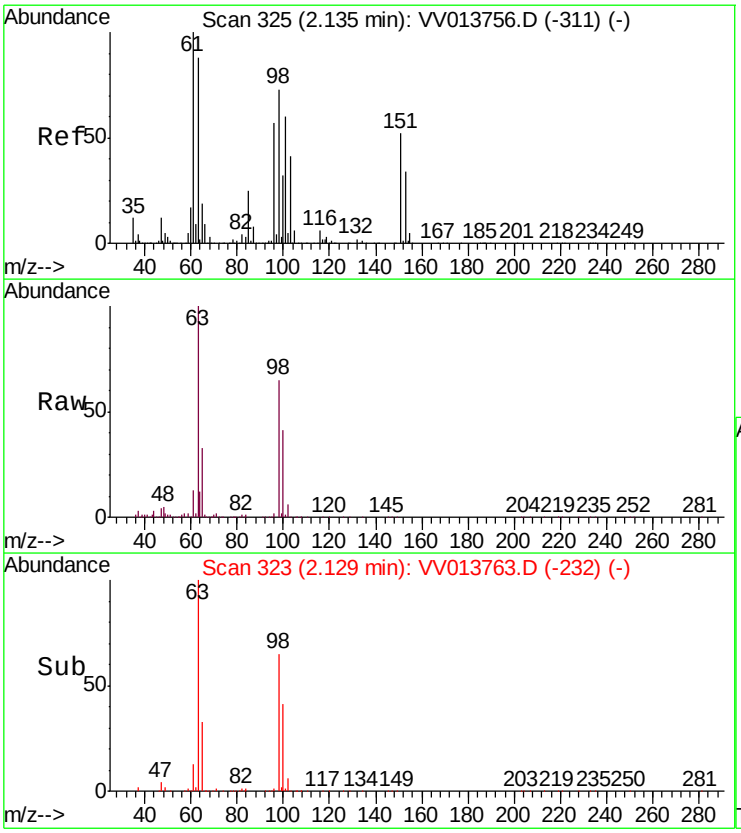
#3
Chloromethane
Concen: 0.662 ug/L
RT: 1.21 min Scan# 37
Delta R.T. -0.04 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

Tgt Ion: 50 Resp: 13934

Ion	Ratio	Lower	Upper
50	100		
52	3.2	22.5	41.7#

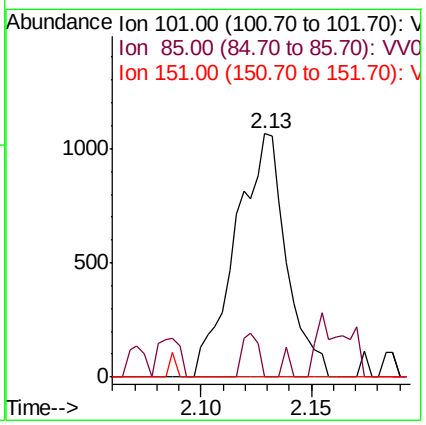


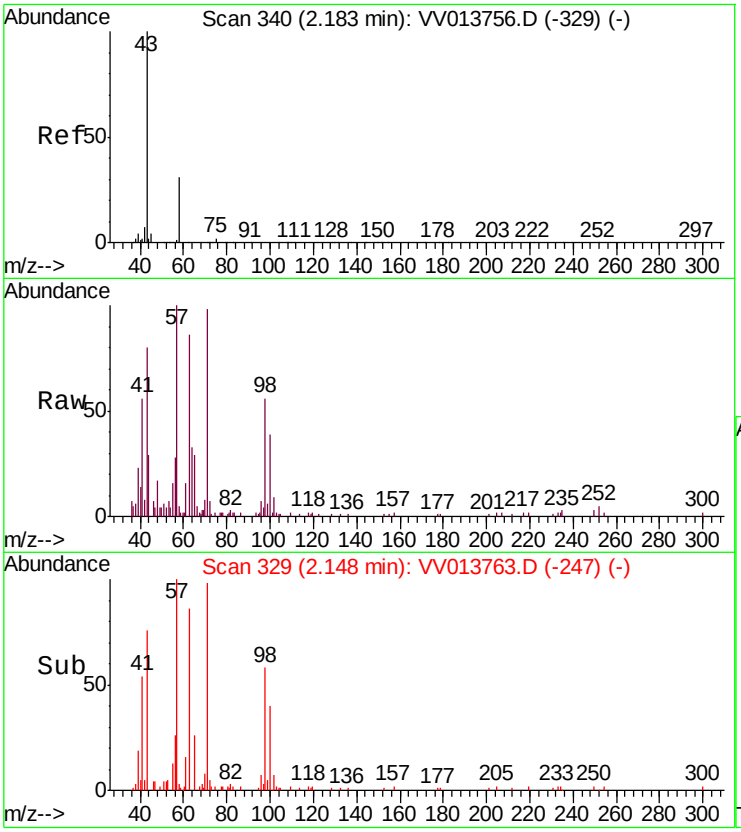


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion:101 Resp: 1697

Ion	Ratio	Lower	Upper
101	100		
85	5.8	33.4	50.0#
151	0.0	69.4	104.0#



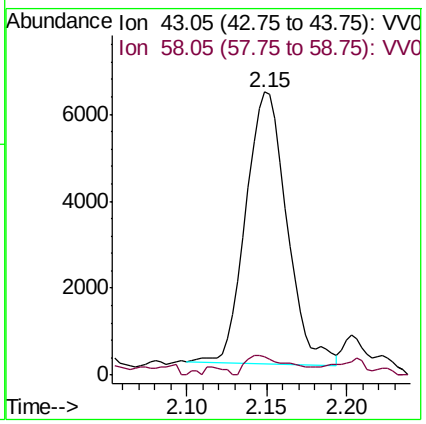


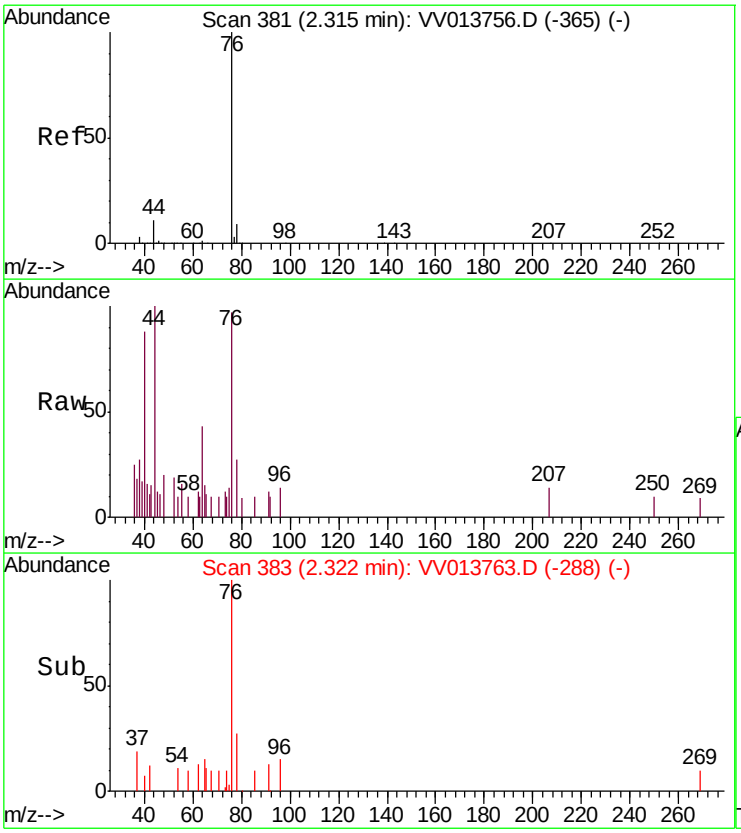
#13
Acetone
Concen: 3.405 ug/L
RT: 2.15 min Scan# 329
Delta R.T. -0.04 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

Tgt Ion: 43 Resp: 11029

Ion	Ratio	Lower	Upper
43	100		
58	7.5	0.0	27.2

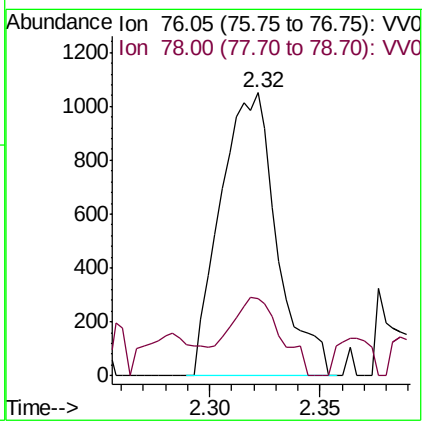


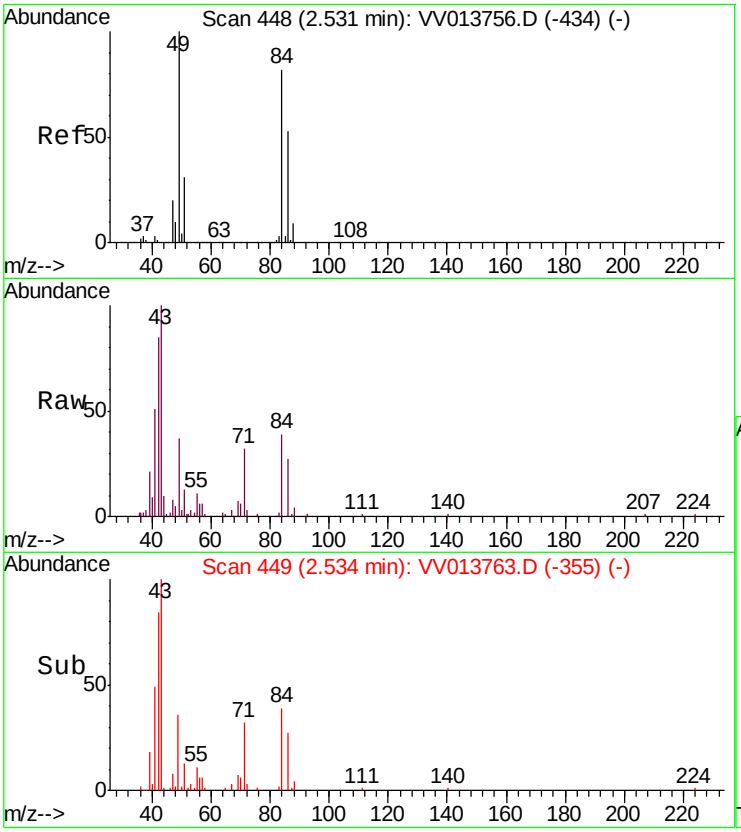


#14
Carbon disulfide
Concen: 0.047 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion: 76 Resp: 1863

Ion	Ratio	Lower	Upper
76	100		
78	27.4	7.5	11.3#



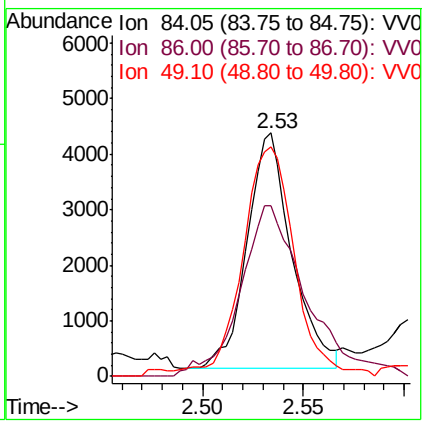


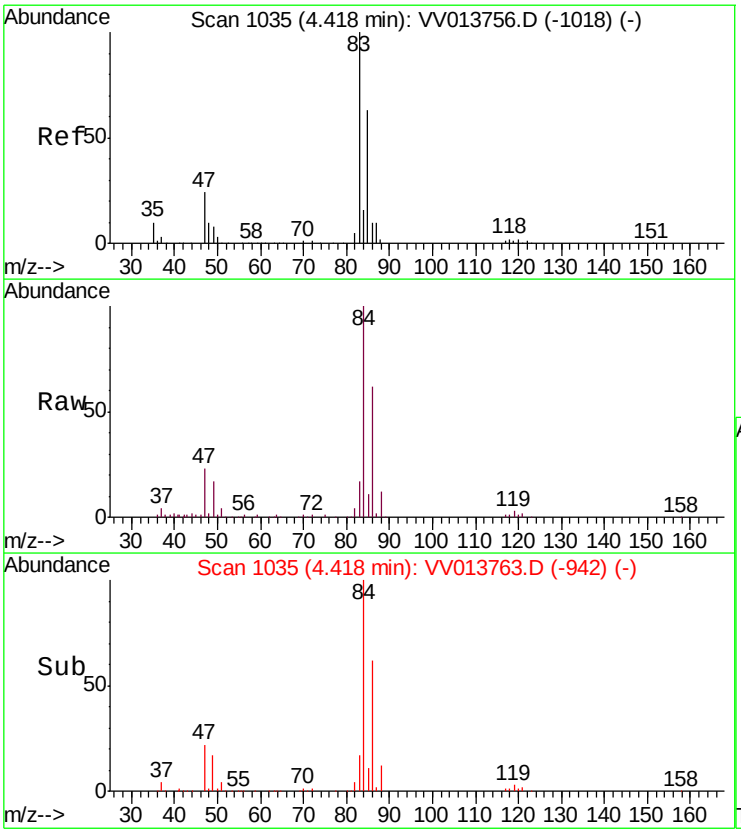
#16
Methylene chloride
Concen: 0.278 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

Tgt Ion: 84 Resp: 6591

Ion	Ratio	Lower	Upper
84	100		
86	70.2	44.0	81.6
49	94.3	81.5	151.5

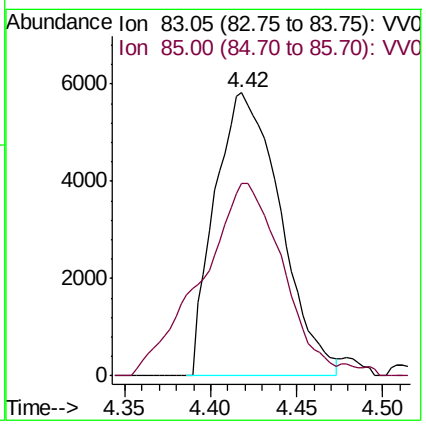


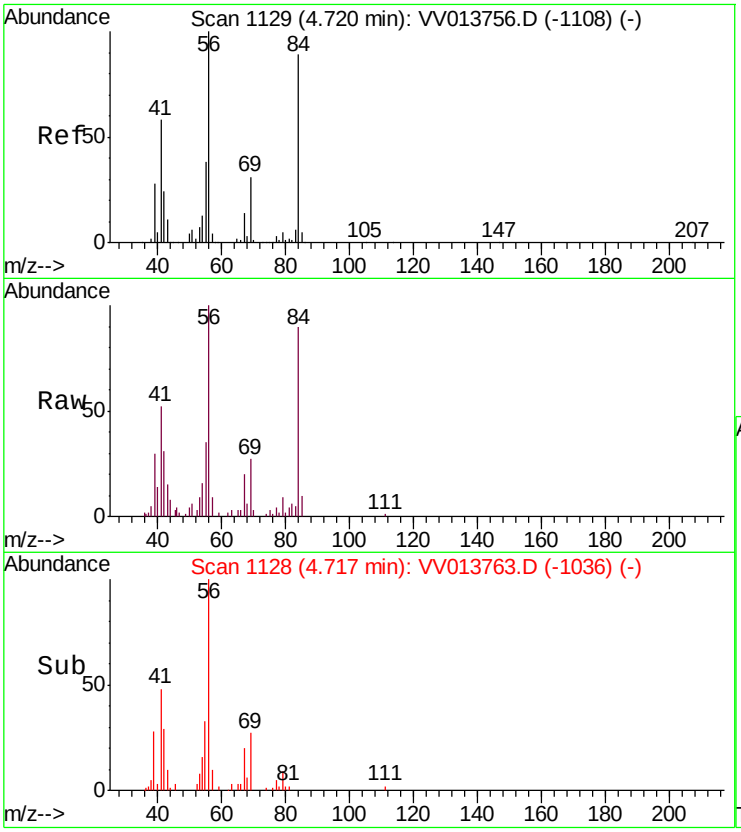


#25
Chloroform
Concen: 0.374 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion: 83 Resp: 15453

Ion	Ratio	Lower	Upper
83	100		
85	68.0	45.1	83.7



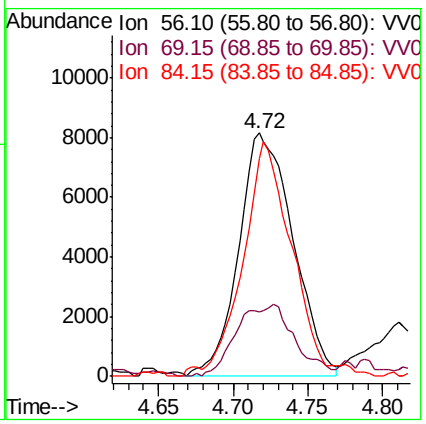


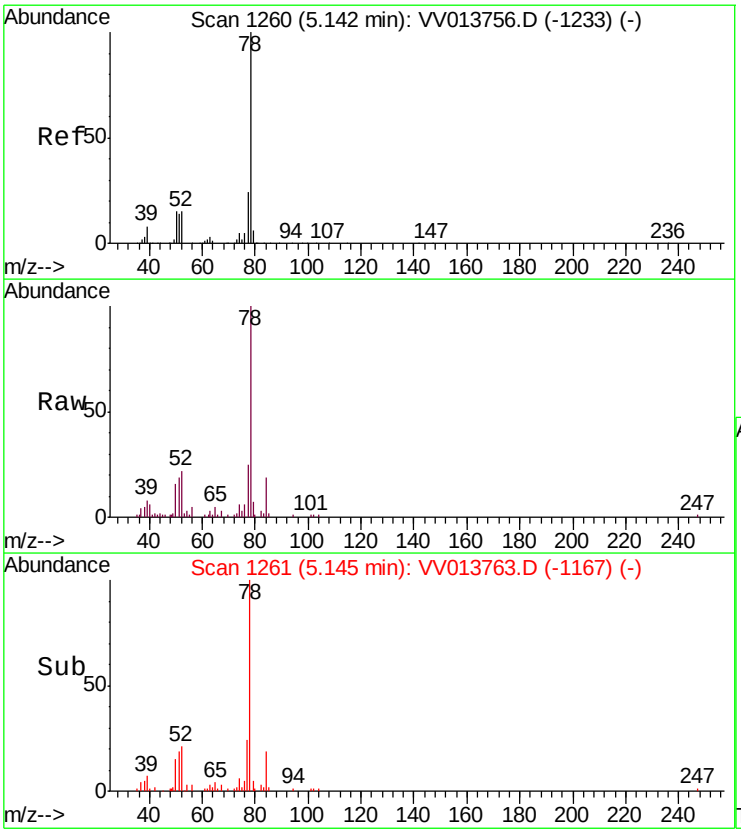
#30
Cyclohexane
Concen: 0.697 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument : MSVOA_V
ClientSampleId : GAQK4DL2

Tgt Ion: 56 Resp: 20620

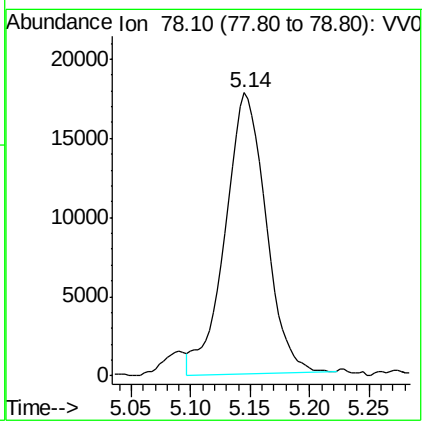
Ion	Ratio	Lower	Upper
56	100		
69	14.0	24.1	36.1#
84	85.4	69.9	104.9

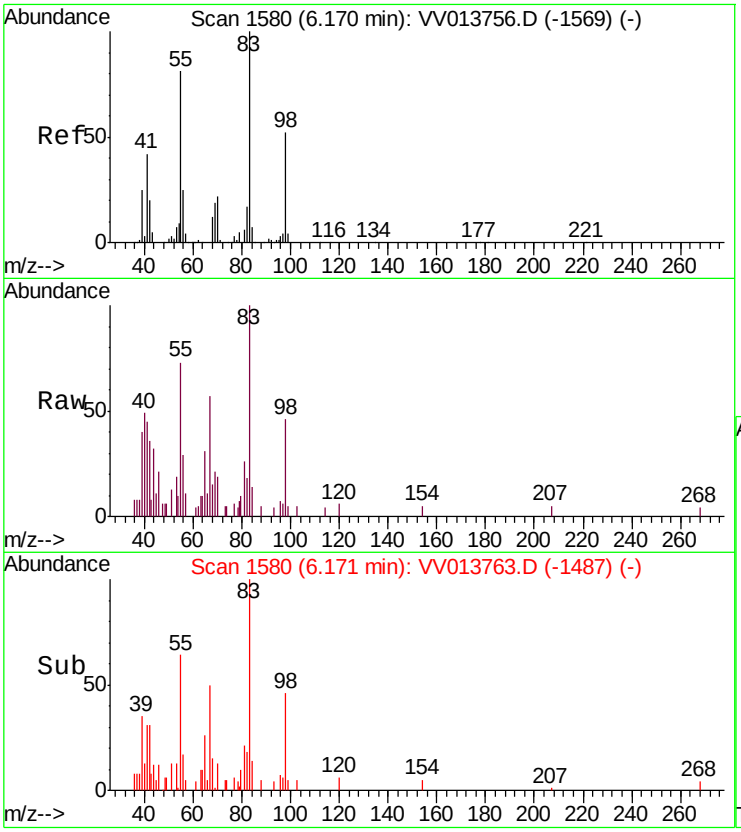




#33
Benzene
Concen: 0.497 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion: 78 Resp: 42245



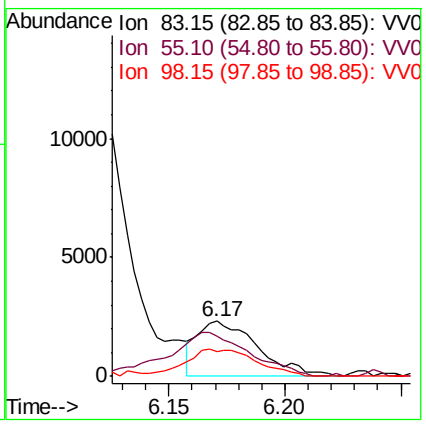


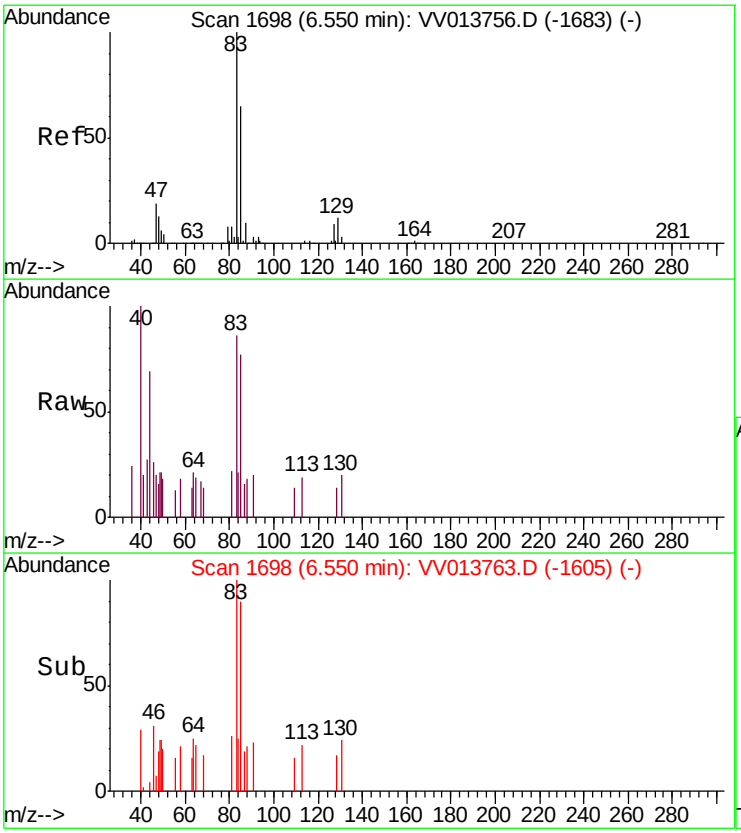
#35
Methylcyclohexane
Concen: 0.135 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument : MSVOA_V
ClientSampleId : GAQK4DL2

Tgt Ion: 83 Resp: 4217

Ion	Ratio	Lower	Upper
83	100		
55	107.4	60.3	90.5#
98	57.1	38.1	57.1

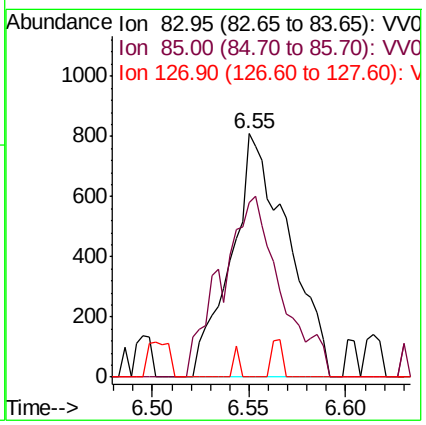


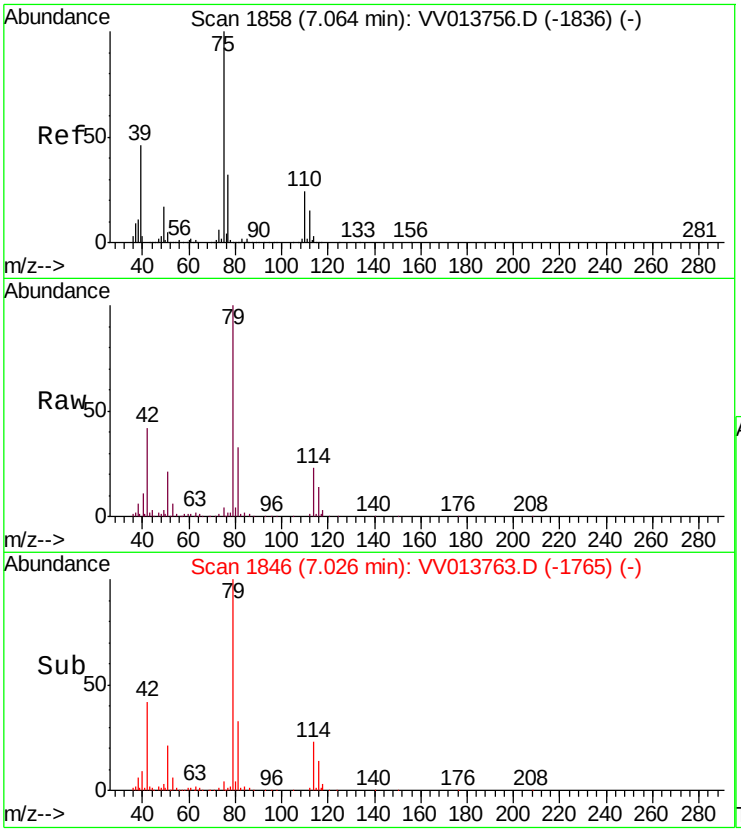


#38
Bromodichloromethane
Concen: 0.057 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion: 83 Resp: 1648

Ion	Ratio	Lower	Upper
83	100		
85	71.8	46.1	85.5
127	0.0	7.5	11.3#



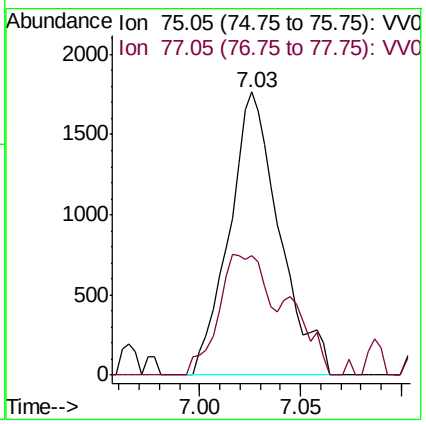


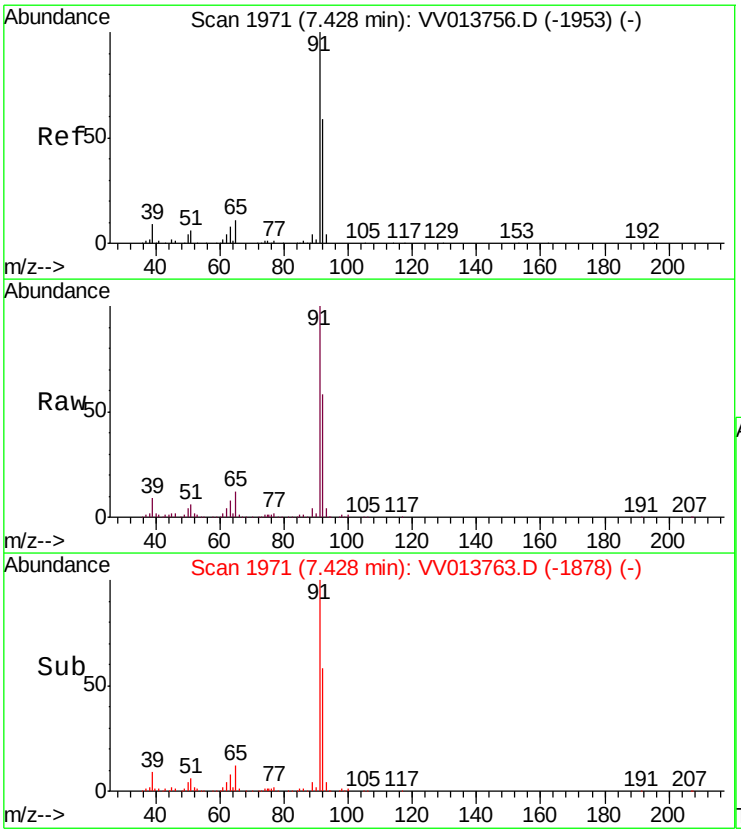
#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

Tgt Ion: 75 Resp: 3076

Ion	Ratio	Lower	Upper
75	100		
77	42.4	22.5	41.9#

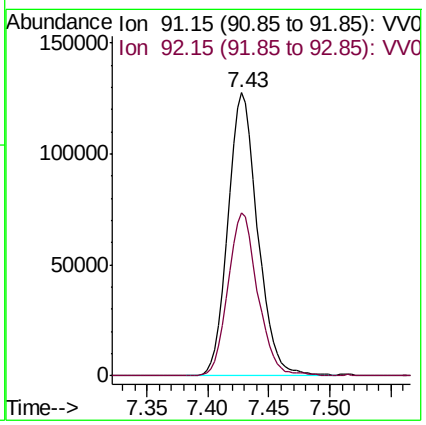


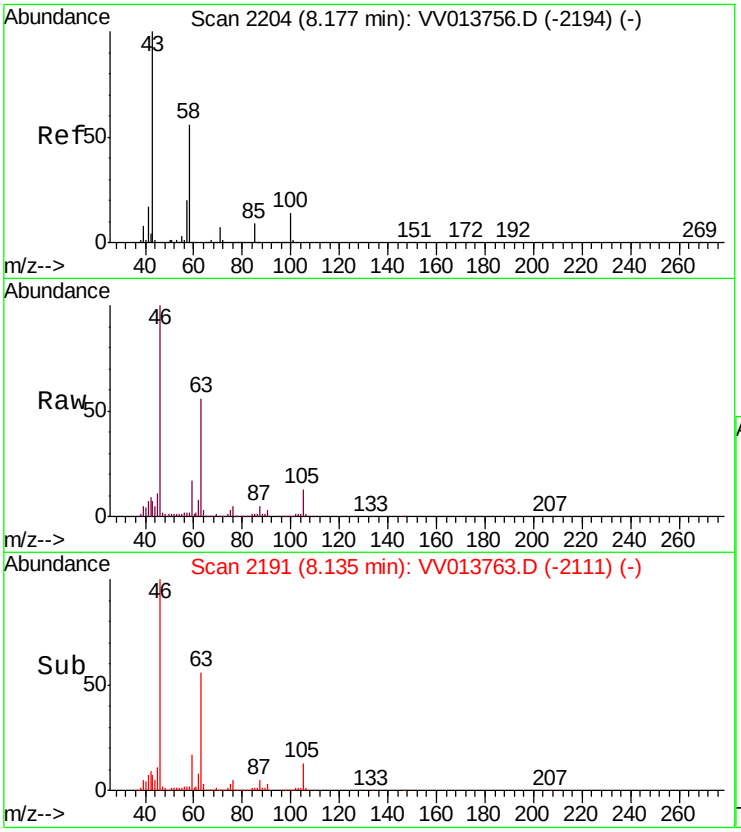


#42
Toluene
Concen: 2.384 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion: 91 Resp: 217261

Ion	Ratio	Lower	Upper
91	100		
92	57.5	41.1	76.3



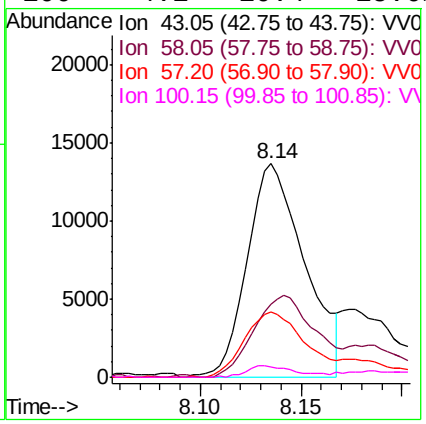


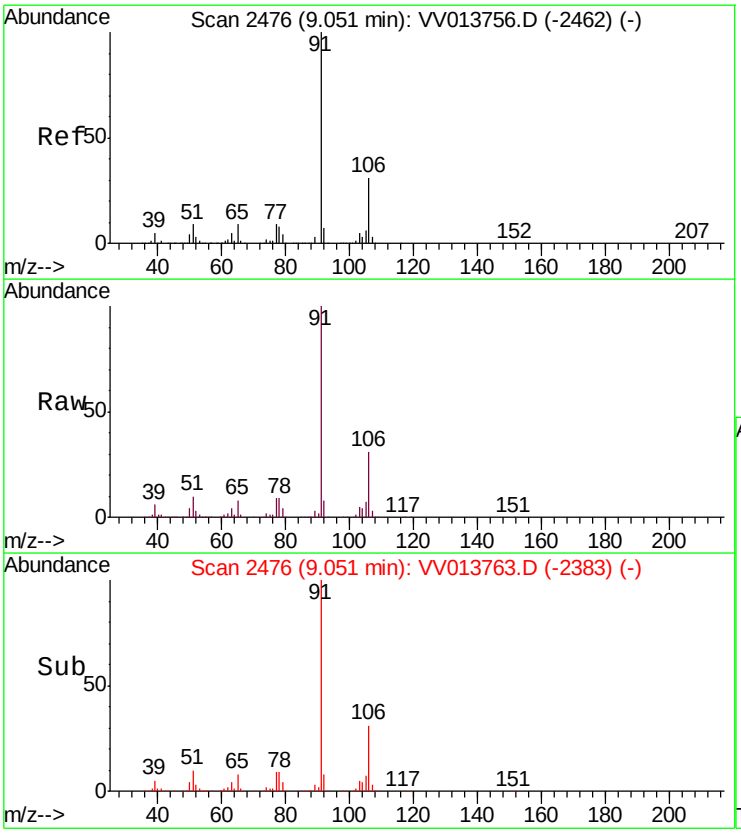
#48
2-Hexanone
Concen: 2.993 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.04 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument : MSVOA_V
ClientSampleId : GAQK4DL2

Tgt Ion: 43 Resp: 27224

Ion	Ratio	Lower	Upper
43	100		
58	41.6	43.2	64.8#
57	32.0	15.4	23.2#
100	4.1	10.4	15.6#

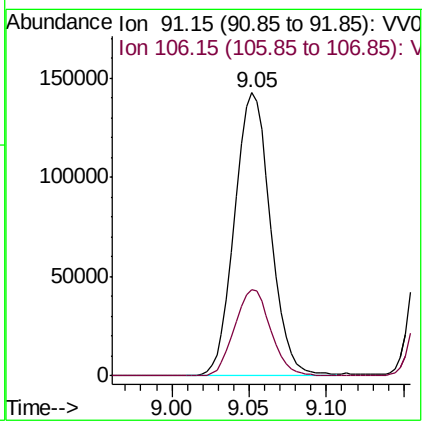


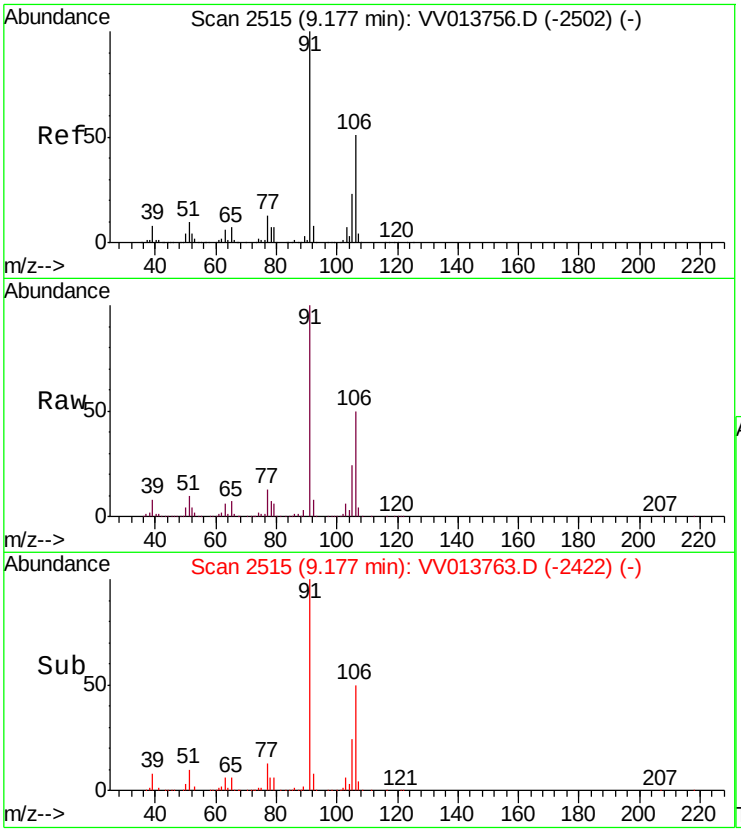


#52
Ethylbenzene
Concen: 2.335 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion: 91 Resp: 231180

Ion	Ratio	Lower	Upper
91	100		
106	30.5	22.1	41.1



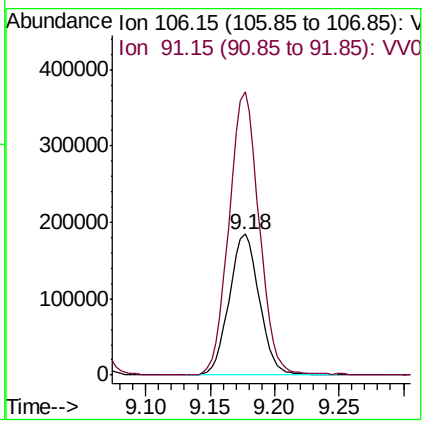


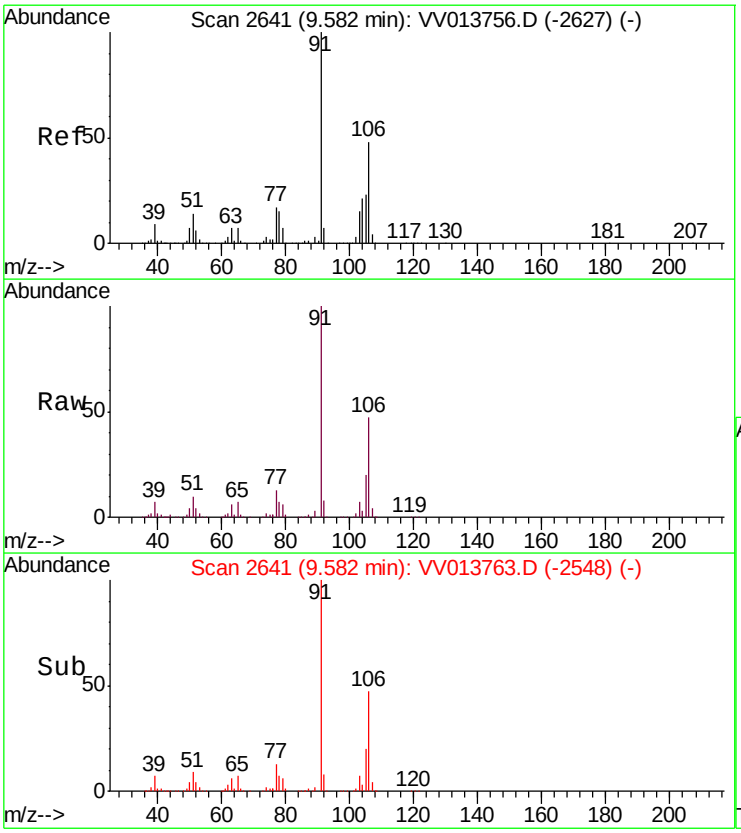
#53
m,p-xylene
Concen: 7.966 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

Tgt Ion:106 Resp: 300665

Ion	Ratio	Lower	Upper
106	100		
91	201.0	139.9	259.9

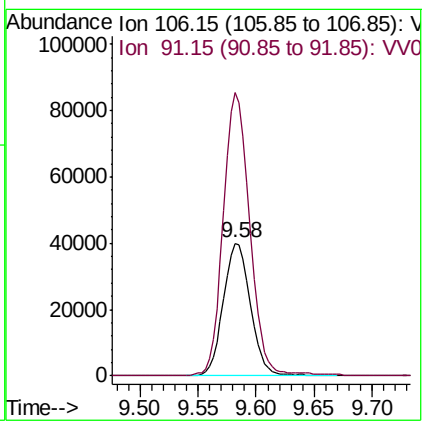


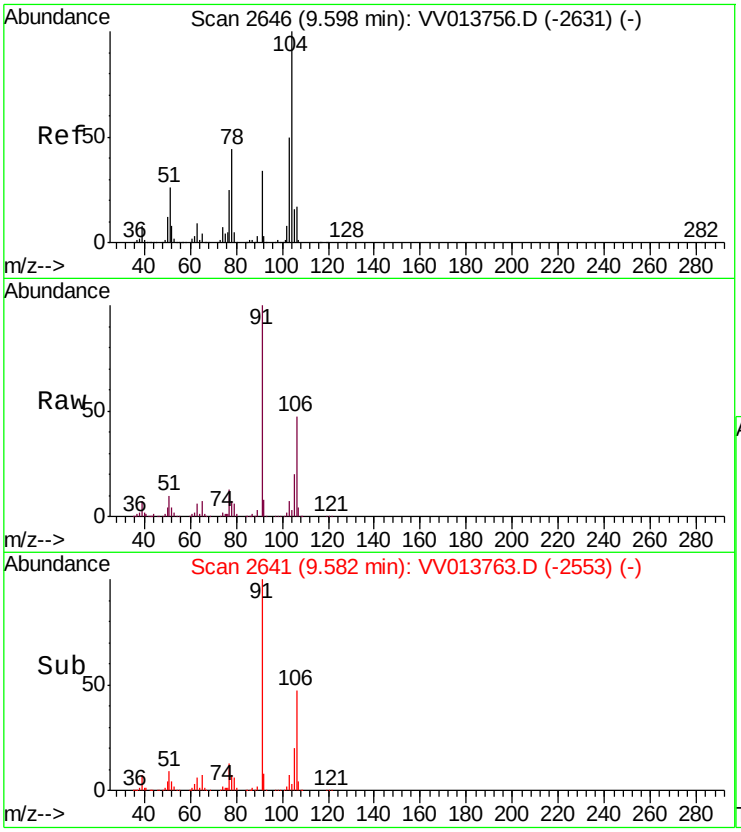


#54
o-xylene
Concen: 1.755 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion:106 Resp: 64661

Ion	Ratio	Lower	Upper
106	100		
91	213.4	145.5	270.3



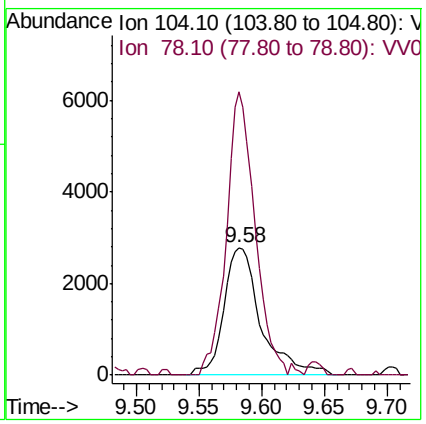


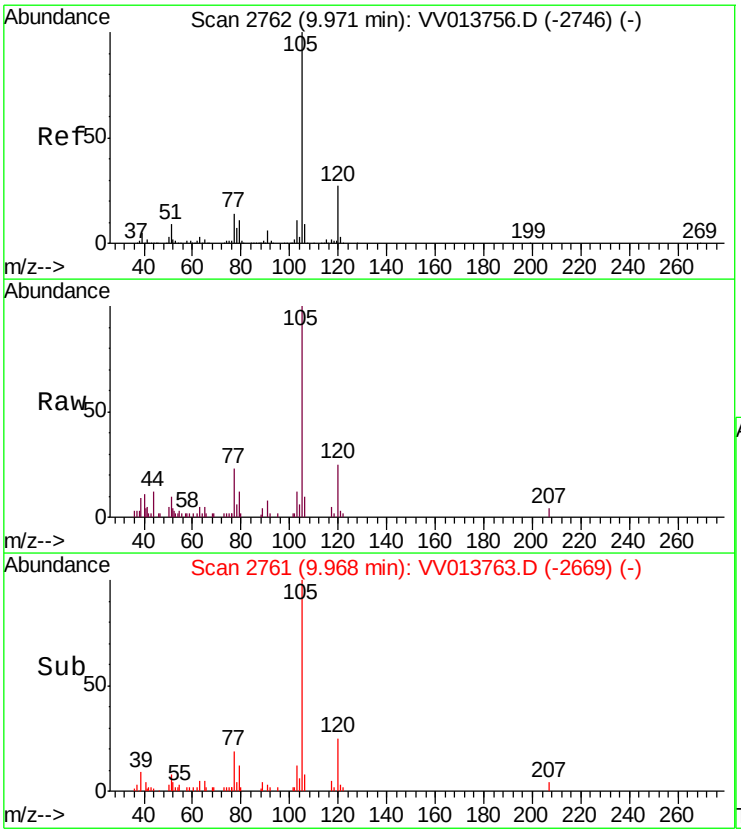
#55
Styrene
Concen: 0.090 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.02 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument : MSVOA_V
ClientSampleId : GAQK4DL2

Tgt Ion:104 Resp: 5750

Ion	Ratio	Lower	Upper
104	100		
78	222.3	31.0	57.6#

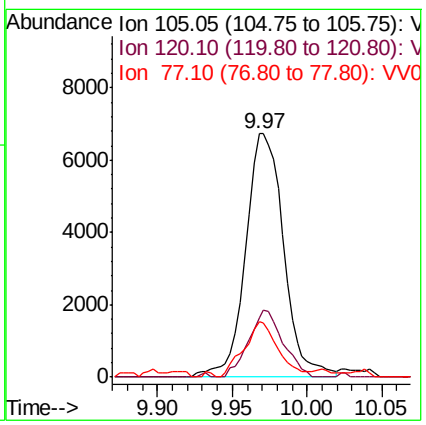


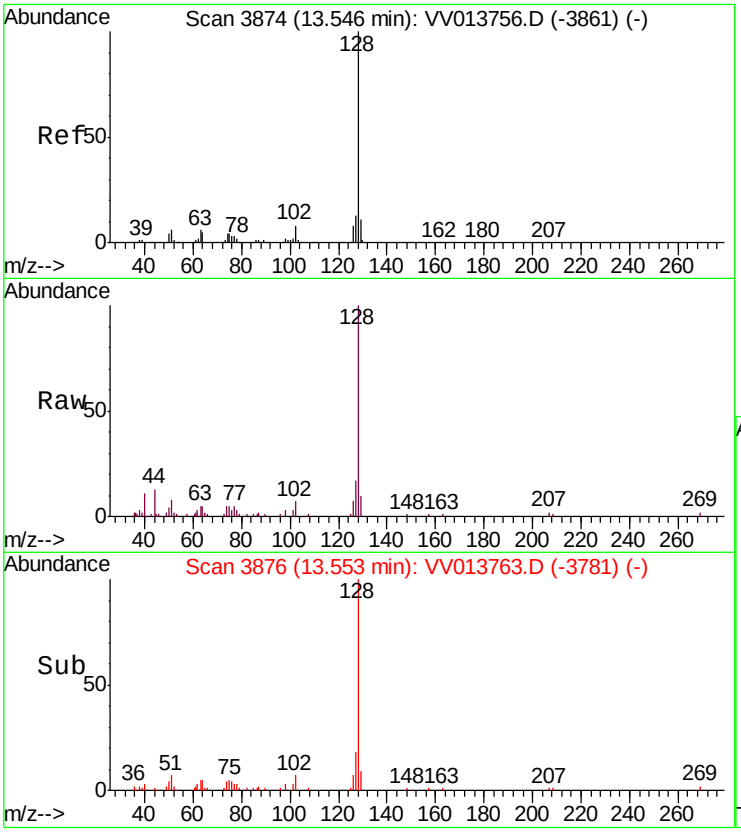


#56
Isopropylbenzene
Concen: 0.119 ug/L
RT: 9.97 min Scan# 2761
Delta R.T. -0.00 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Tgt Ion:105 Resp: 11920

Ion	Ratio	Lower	Upper
105	100		
120	24.7	21.3	31.9
77	20.4	12.1	18.1#





#69
Naphthalene
Concen: 0.354 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV013763.D
Acq: 25 Nov 2019 14:12

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DL2

Tgt Ion:128 Resp: 18988

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	16.7	10.6	16.0#