Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\

Quantitation Report (Not Reviewed)

Data File : VV013707.D
Acq On : 21 Nov 2019 12:44
Operator : SY/MD
Sample : K5910-21DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK4DI2

Quant Time: Nov 22 03:58:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372519	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363579	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	190916	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	136176	5.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.40%			
7) Chloroethane-d5	1.58	69	125927	6.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.60%			
11) 1,1-Dichloroethene-d2	2.12	63	191768	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.00%			
20) 2-Butanone-d5	3.96	46	311956	58.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.24%			
24) Chloroform-d	4.40	84	290499	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
26) 1,2-Dichloroethane-d4	5.08	65	143895	5.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.80%			
32) Benzene-d6	5.09	84	587699	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.00%			
36) 1,2-Dichloropropane-d6	6.11	67	174069	5.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.20%			
41) Toluene-d8	7.36	98	518849	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
43) trans-1,3-Dichloropropene-	7.66	79	60726	5.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.40%			
46) 2-Hexanone-d5	8.14	63	231885	53.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	121168	5.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	218484	5.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.00%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2389	0.104	ug/L #	18
13) Acetone	2.14	43	9402	2.800	ug/L	96
16) Methylene chloride	2.53	84	4408	0.143	ug/L	89
25) Chloroform	4.42	83	27841	0.419	ug/L	96
27) 1,2-Dichloroethane	5.09	62	3951	0.134	ug/L	98
30) Cyclohexane	4.72	56	18460	0.422	ug/L	91
33) Benzene	5.15	78	39753	0.361	ug/L	100
35) Methylcyclohexane	6.16	83	4192	0.093	ug/L #	72
37) 1,2-Dichloropropane	6.11	63	19112	0.725	ug/L #	86
38) Bromodichloromethane	6.55	83	2810	0.076	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	3902	0.103	ug/L #	52
42) Toluene	7.43	91	225901	1.921	ug/L	98
48) 2-Hexanone	8.19	43	7282	0.670	ug/L #	47
52) Ethylbenzene	9.05	91	233293	1.862	ug/L	100
53) m,p-xylene	9.18	106	304834	6.449	ug/L	100
54) o-xylene	9.58	106	67012	1.474	ug/L	100
56) Isopropylbenzene	9.97	105	12769	0.106	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\

Quantitation Report (Not Reviewed)

Data File : VV013707.D
Acq On : 21 Nov 2019 12:44
Operator : SY/MD
Sample : K5910-21DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQK4Dl2

Quant Time: Nov 22 03:58:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.55	128	20010	0.336	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112119\

Quantitation Report (Not Reviewed)

Data File : VV013707.D
Acq On : 21 Nov 2019 12:44
Operator : SY/MD
Sample : K5910-21DL2 400X
Misc : 25.0mL/MSVOA_V/WATER
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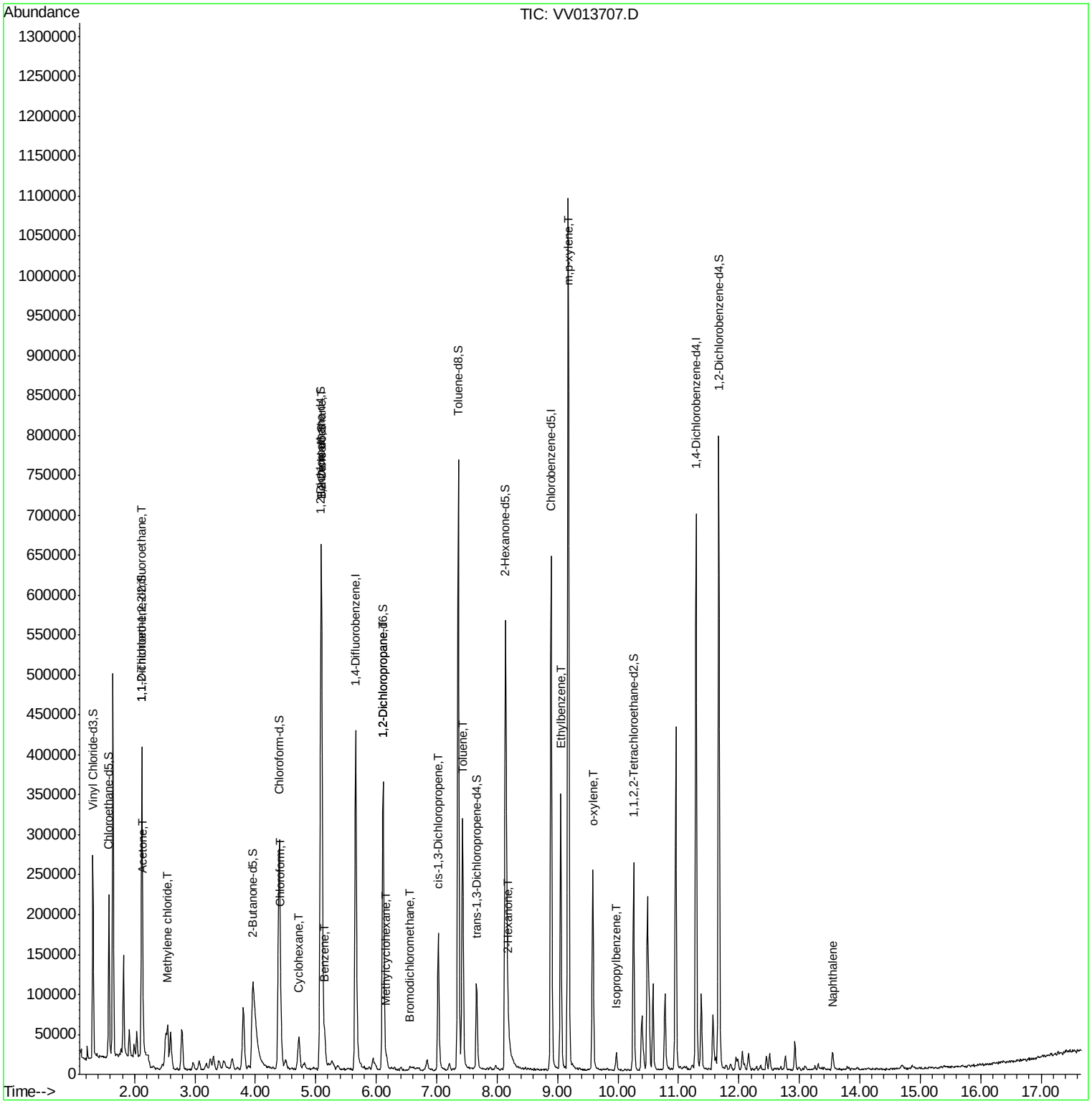
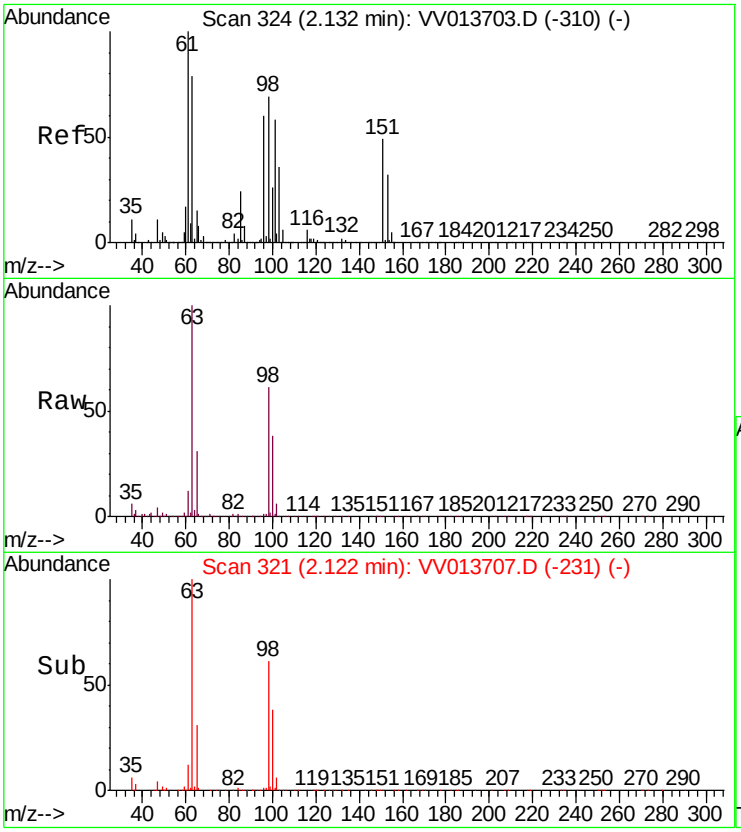
Quant Time: Nov 22 03:58:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration



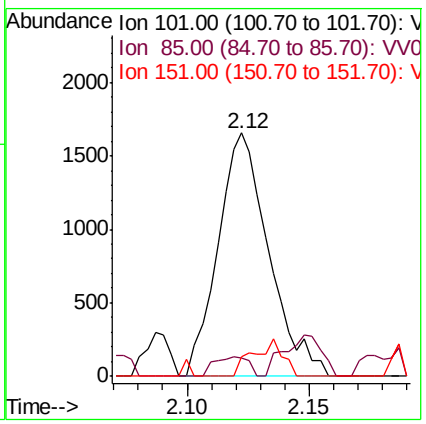


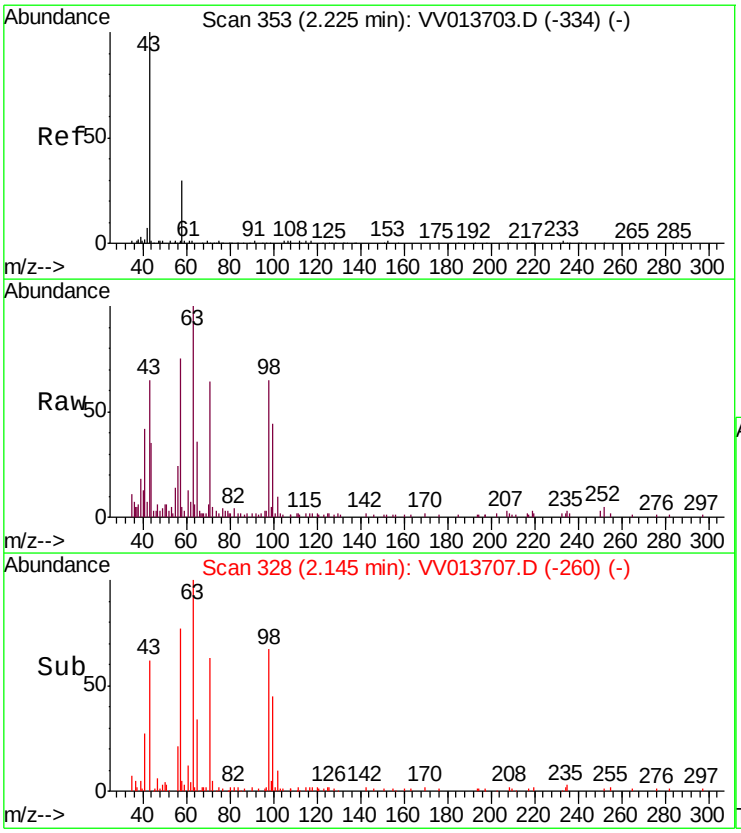
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.104 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DI2

Tgt Ion:101 Resp: 2389

Ion	Ratio	Lower	Upper
101	100		
85	5.6	32.0	48.0#
151	0.0	69.0	103.6#

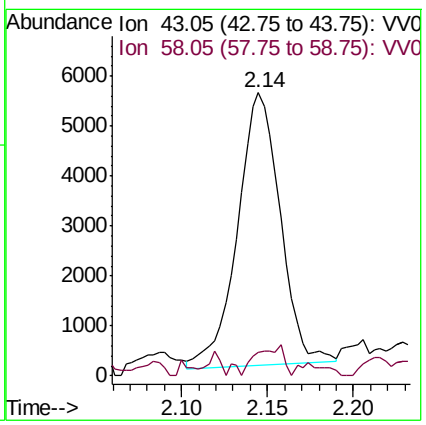


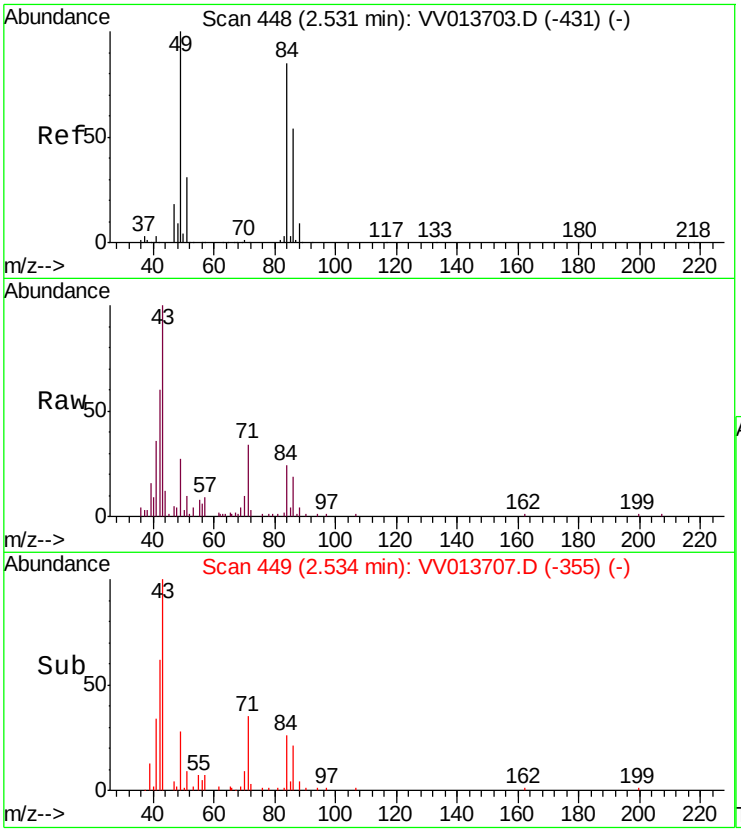


#13
Acetone
Concen: 2.800 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.08 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 43 Resp: 9402

Ion	Ratio	Lower	Upper
43	100		
58	7.0	0.0	17.0



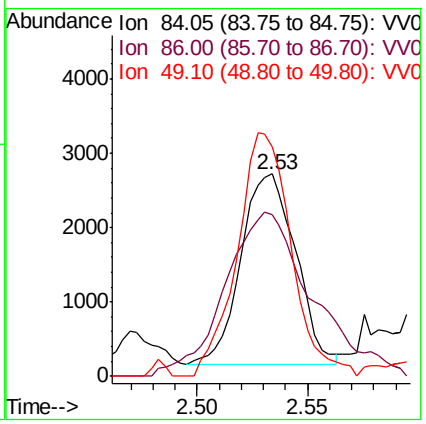


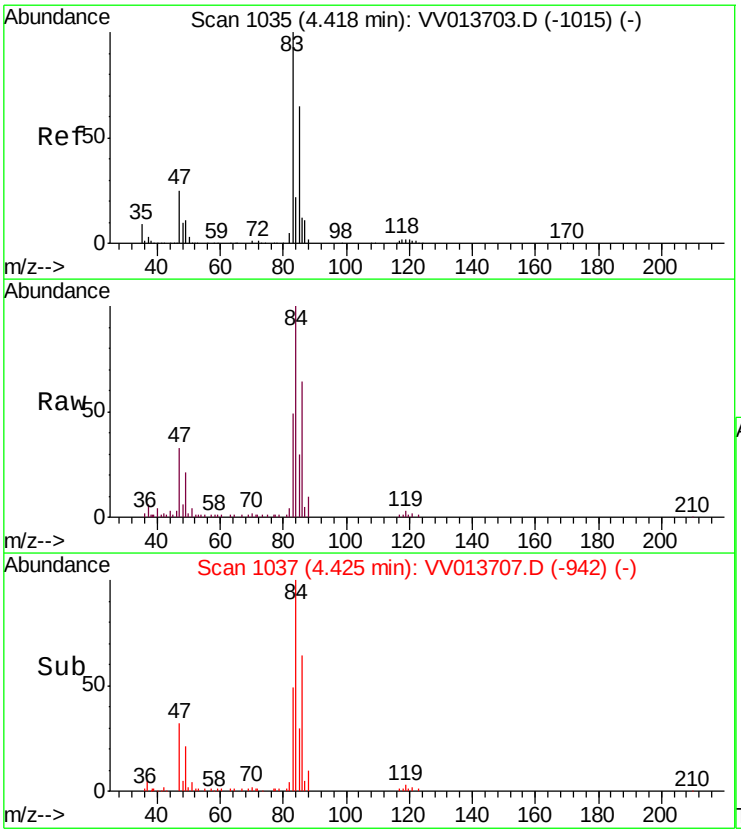
#16
Methylene chloride
Concen: 0.143 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DI2

Tgt Ion: 84 Resp: 4408

Ion	Ratio	Lower	Upper
84	100		
86	80.1	44.1	81.9
49	113.1	83.4	155.0

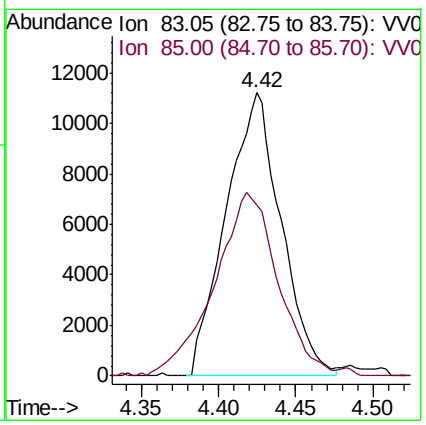


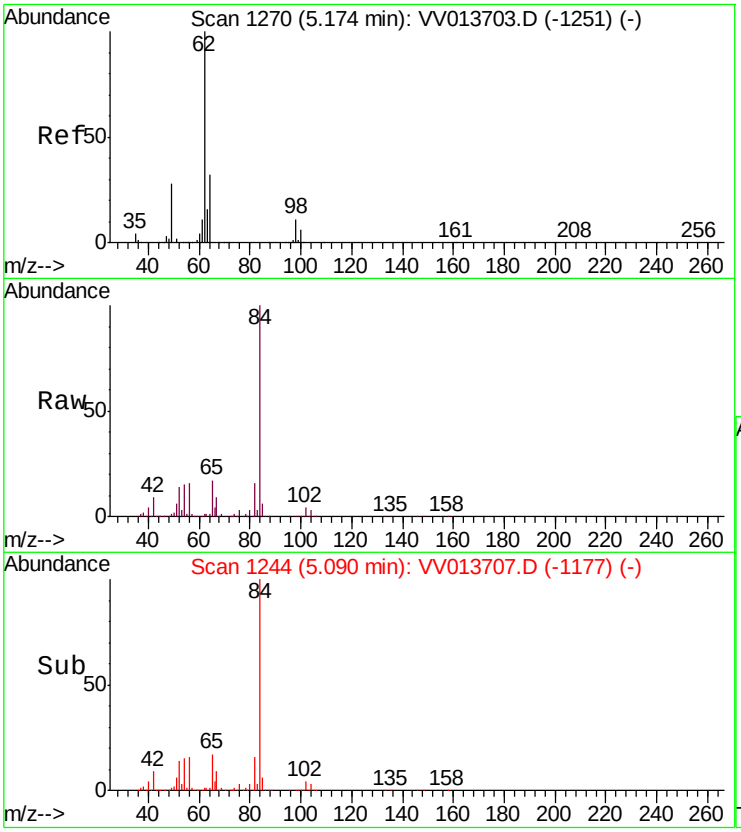


#25
Chloroform
Concen: 0.419 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 83 Resp: 27841

Ion	Ratio	Lower	Upper
83	100		
85	60.3	44.4	82.5



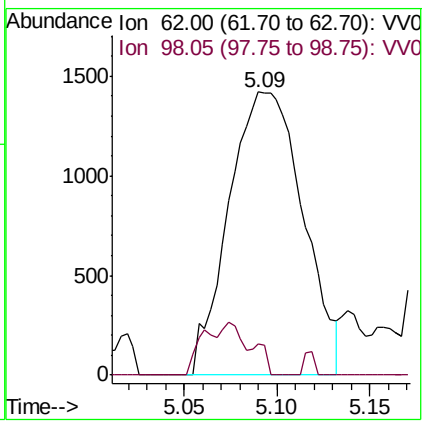


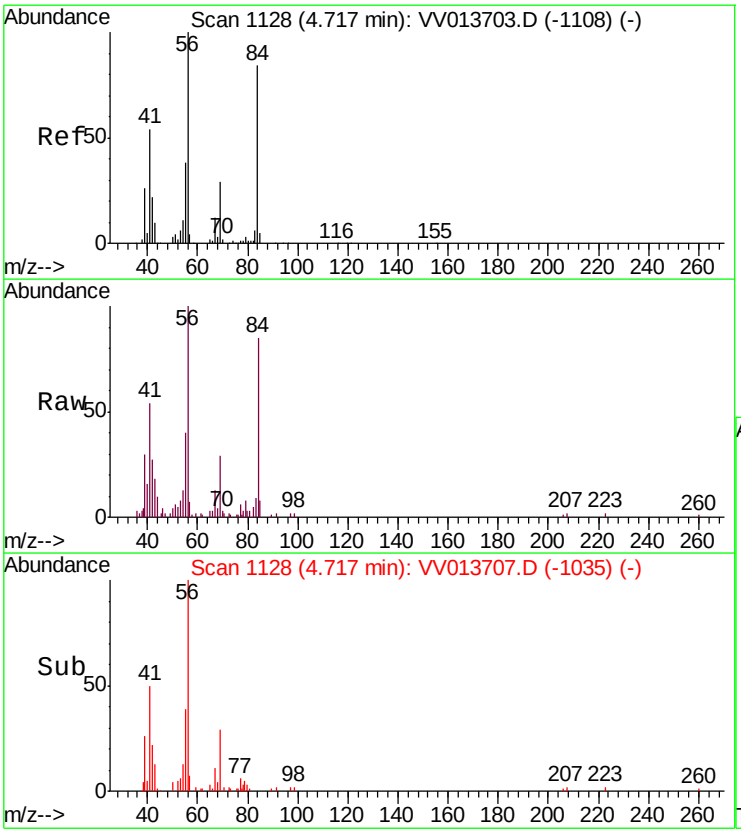
#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.08 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument : MSVOA_V
ClientSampleId : GAQK4DI2

Tgt Ion: 62 Resp: 3951

Ion	Ratio	Lower	Upper
62	100		
98	11.0	8.2	12.2

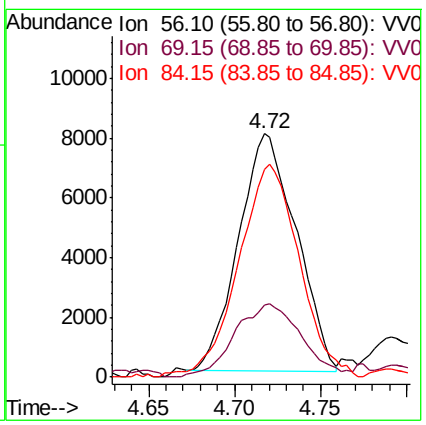


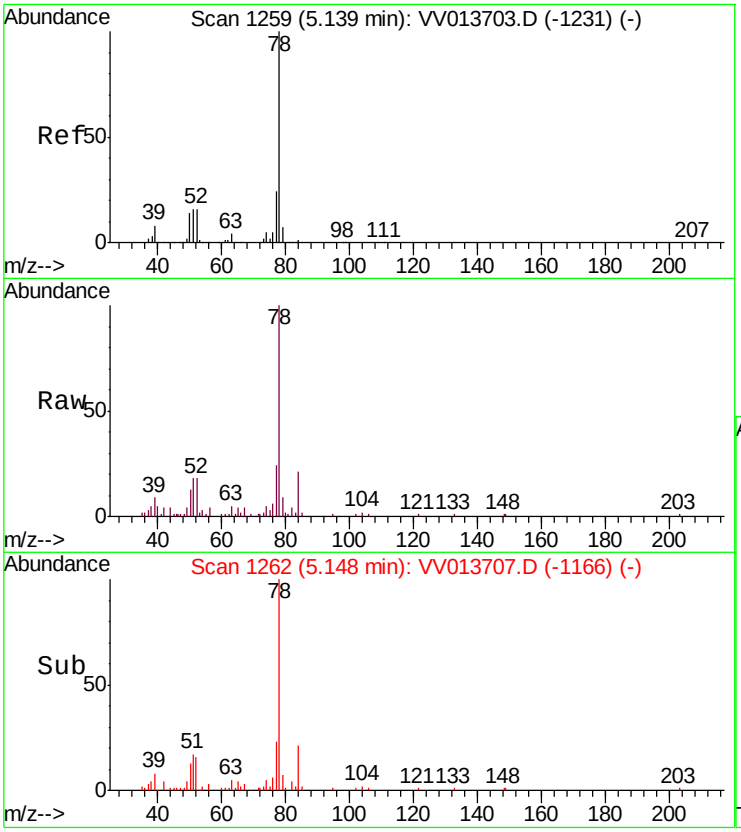


#30
Cyclohexane
Concen: 0.422 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 56 Resp: 18460

Ion	Ratio	Lower	Upper
56	100		
69	35.3	23.8	35.8
84	94.7	69.1	103.7

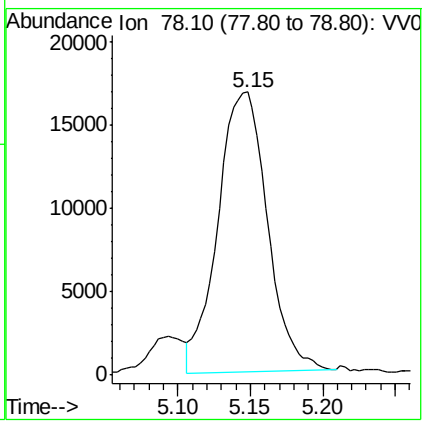


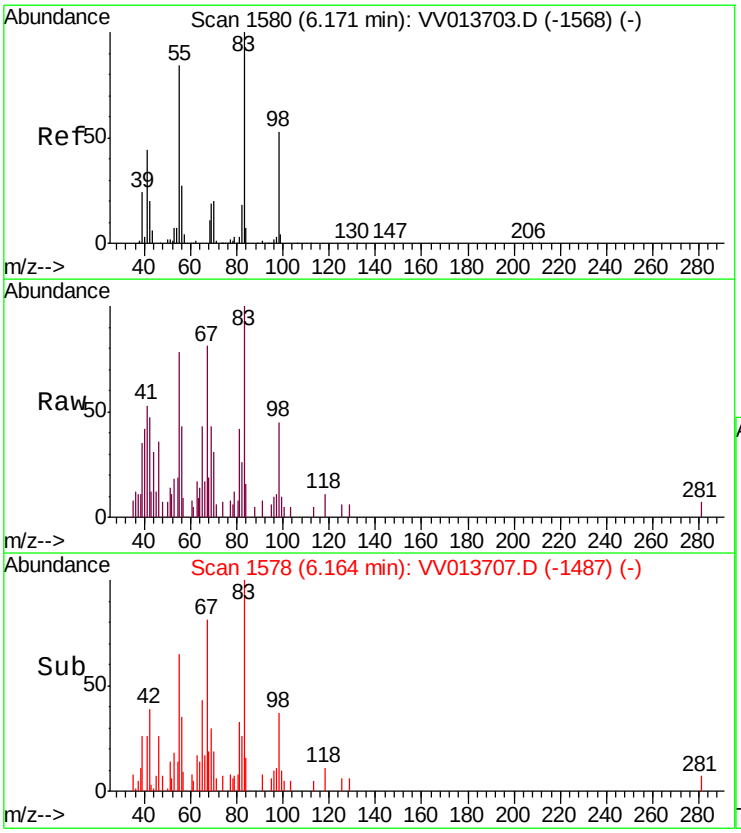


#33
Benzene
Concen: 0.361 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DI2

Tgt Ion: 78 Resp: 39753

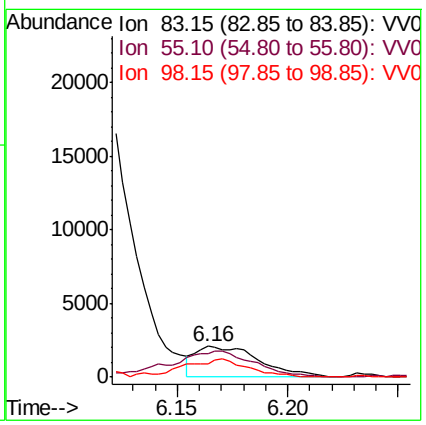


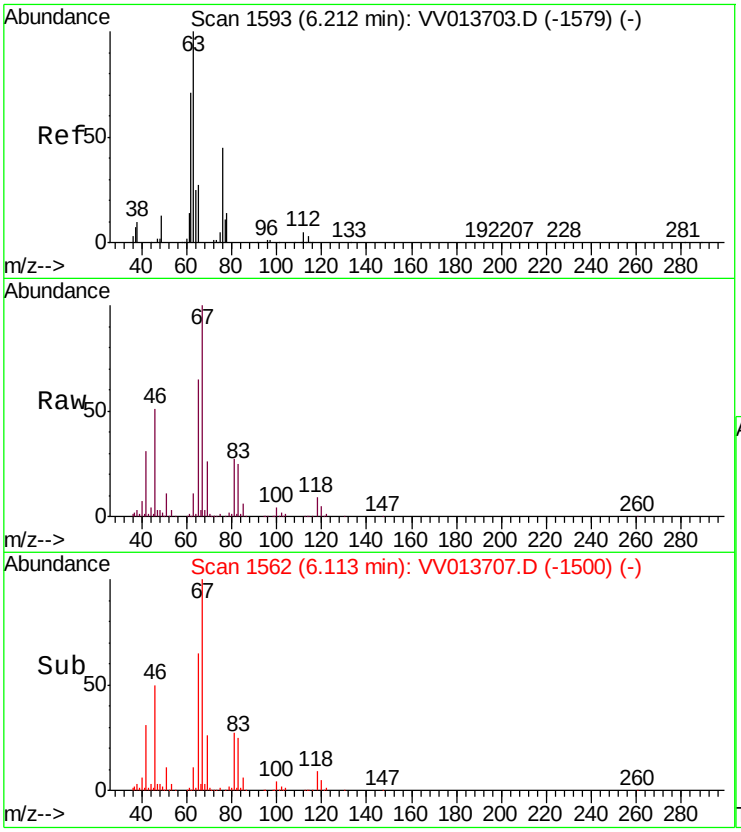


#35
Methylcyclohexane
Concen: 0.093 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 83 Resp: 4192

Ion	Ratio	Lower	Upper
83	100		
55	112.3	64.1	96.1#
98	57.6	38.2	57.2#



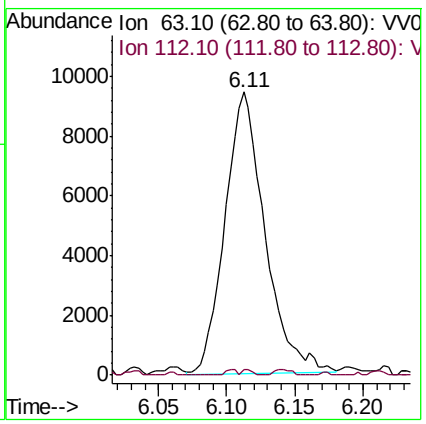


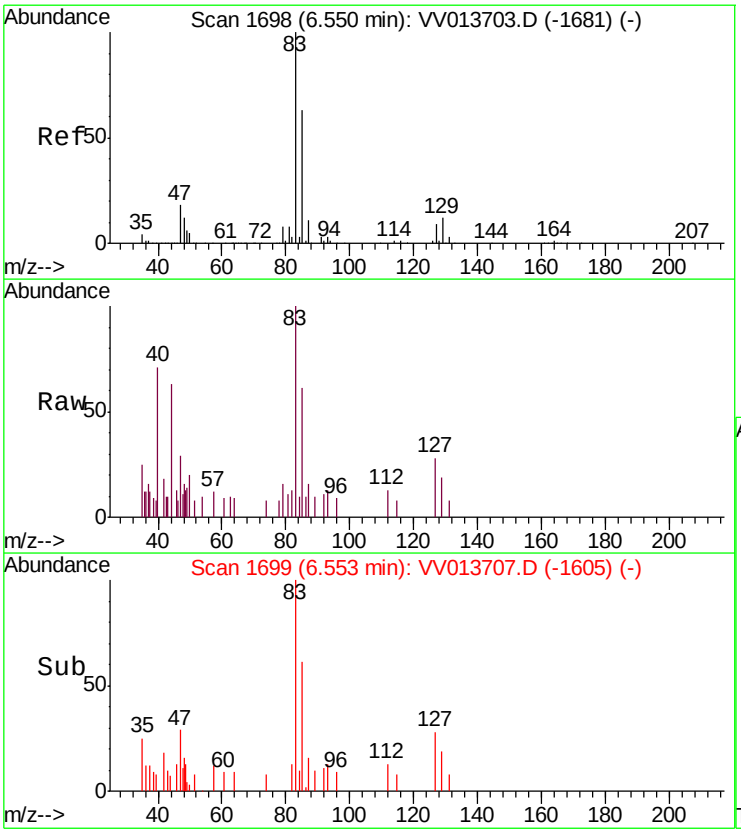
#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument : MSVOA_V
ClientSampleId : GAQK4DI2

Tgt Ion: 63 Resp: 19112

Ion	Ratio	Lower	Upper
63	100		
112	0.5	4.1	6.1#

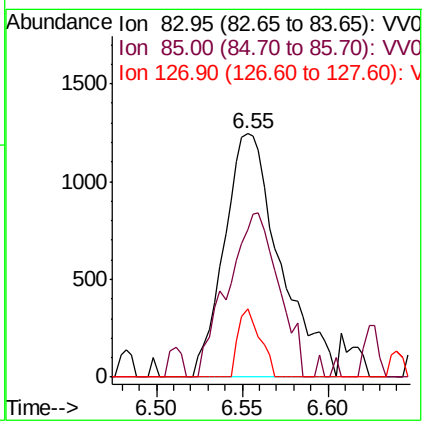


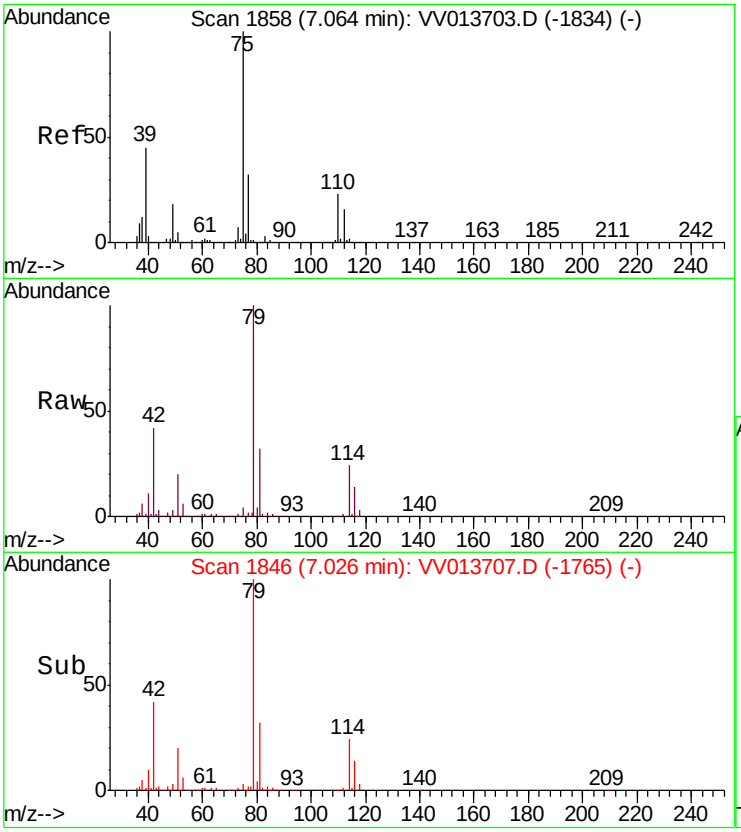


#38
Bromodichloromethane
Concen: 0.076 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 83 Resp: 2810

Ion	Ratio	Lower	Upper
83	100		
85	60.6	44.9	83.5
127	28.3	7.0	10.6#



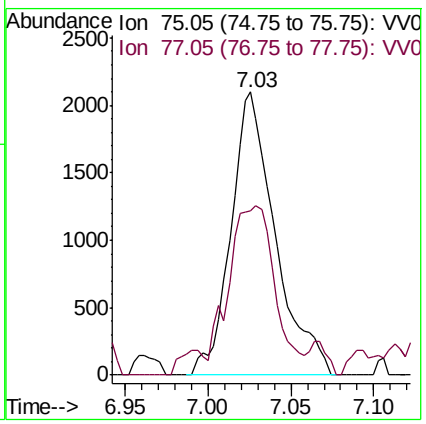


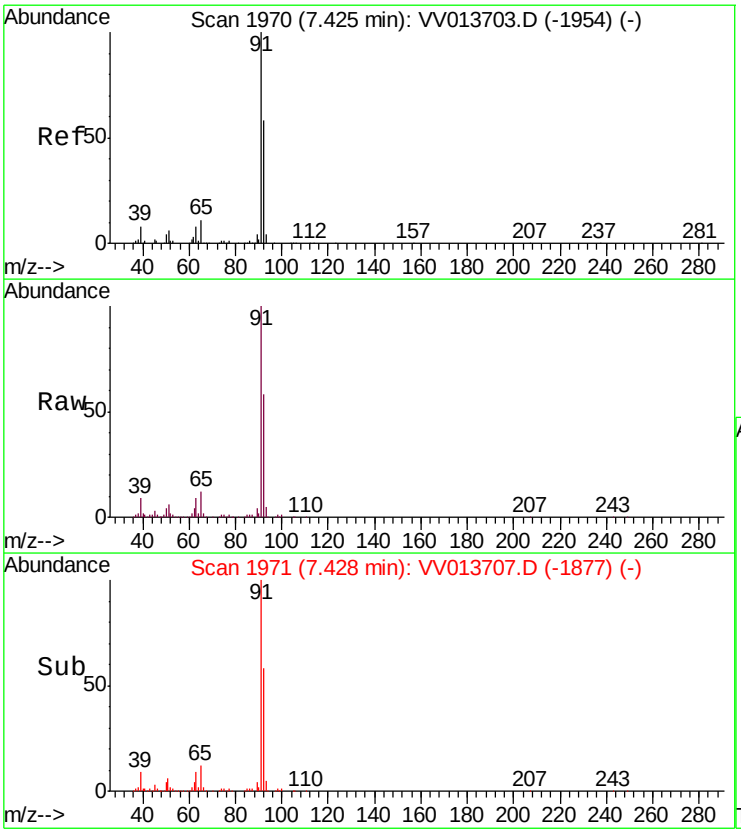
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument : MSVOA_V
ClientSampleId : GAQK4DI2

Tgt Ion: 75 Resp: 3902

Ion	Ratio	Lower	Upper
75	100		
77	57.9	22.0	40.8#

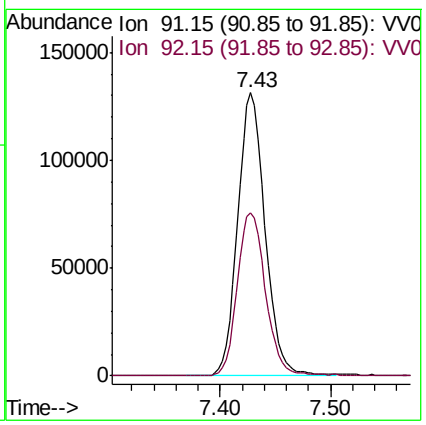


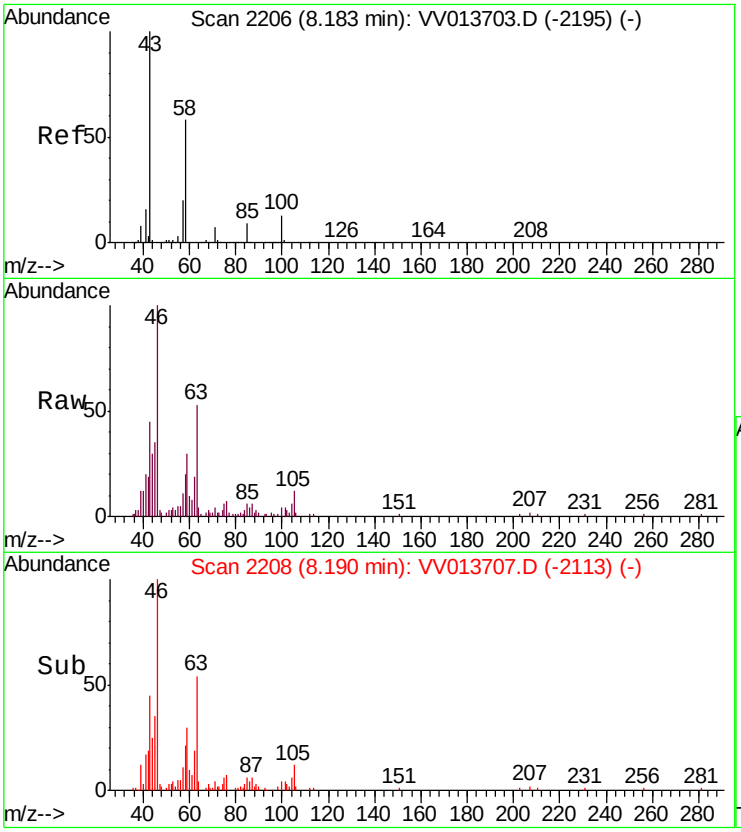


#42
Toluene
Concen: 1.921 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 91 Resp: 225901

Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.2	76.6



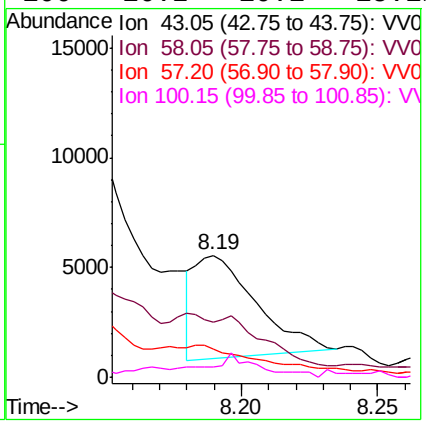


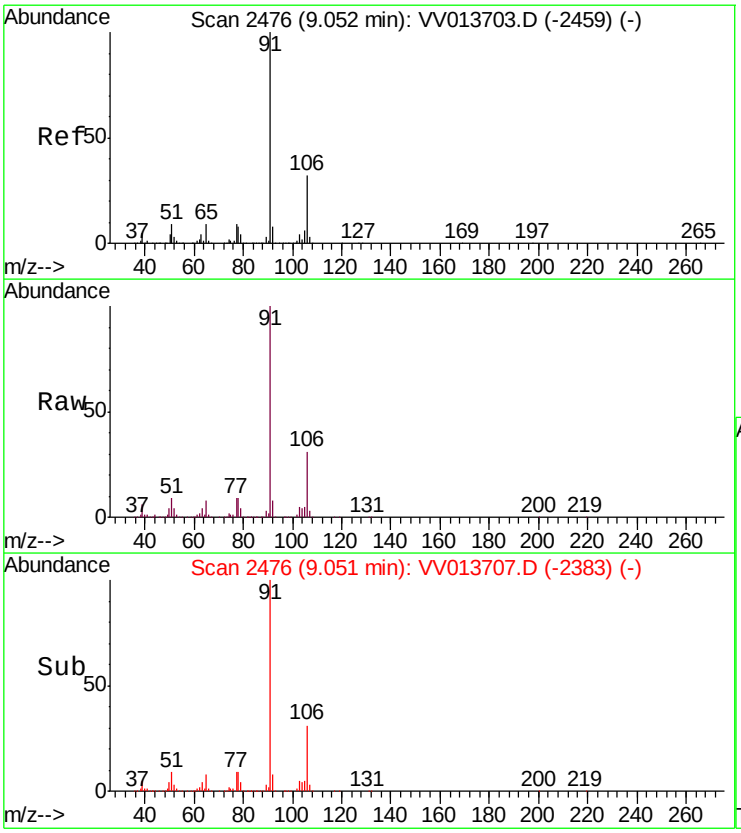
#48
2-Hexanone
Concen: 0.670 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument : MSVOA_V
ClientSampleId : GAQK4DI2

Tgt Ion: 43 Resp: 7282

Ion	Ratio	Lower	Upper
43	100		
58	5.5	43.0	64.6#
57	0.0	15.4	23.2#
100	16.2	10.1	15.1#

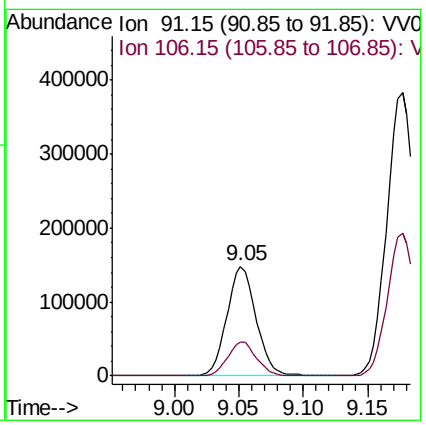


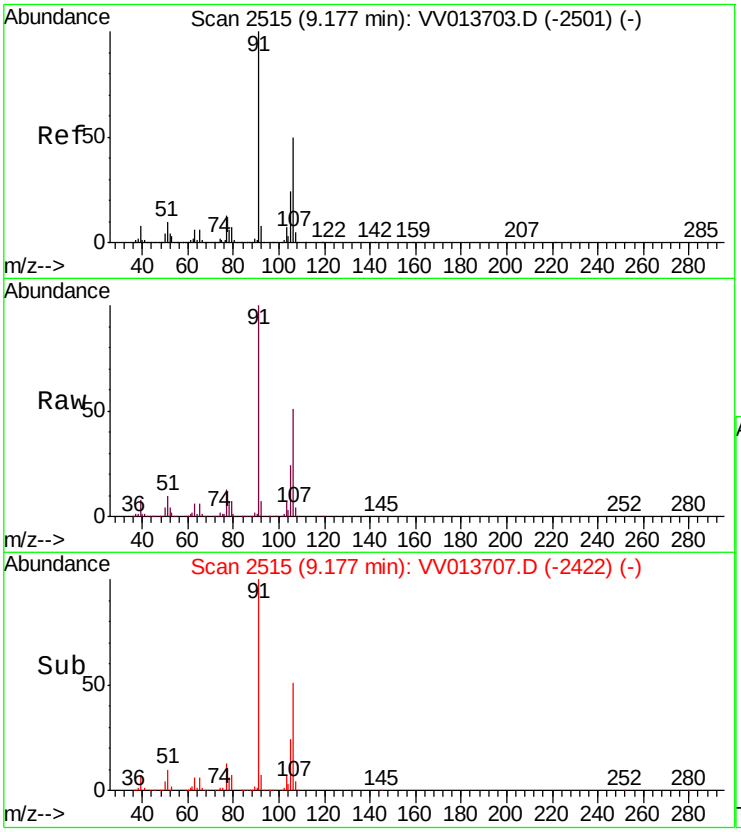


#52
Ethylbenzene
Concen: 1.862 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion: 91 Resp: 233293

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.7	40.3



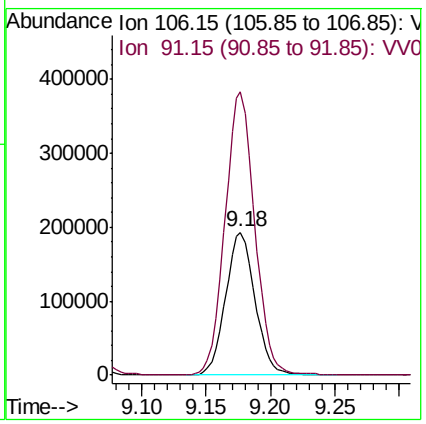


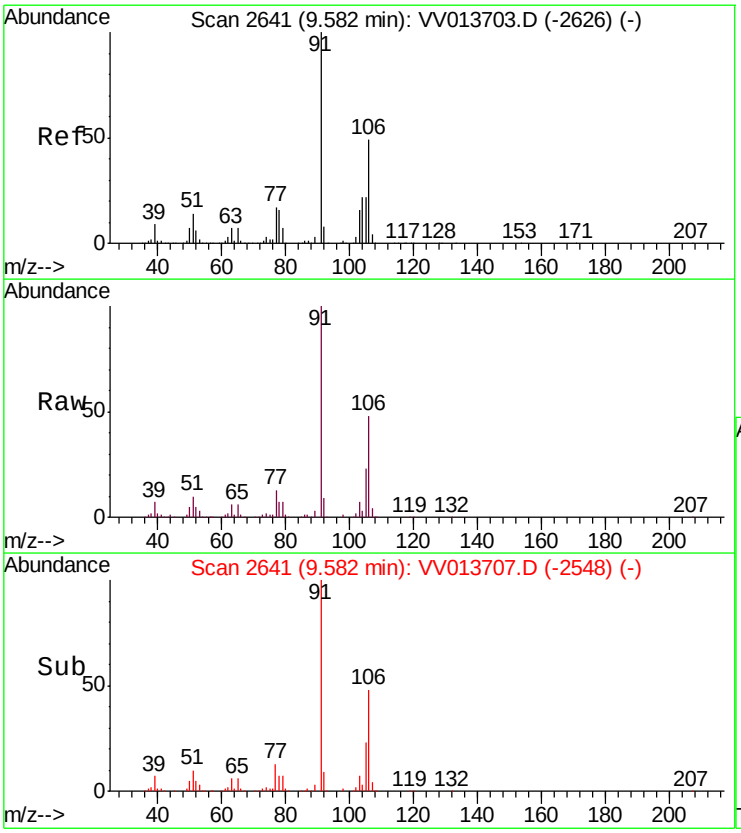
#53
m,p-xylene
Concen: 6.449 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument : MSVOA_V
ClientSampleId : GAQK4DI2

Tgt Ion:106 Resp: 304834

Ion	Ratio	Lower	Upper
106	100		
91	197.9	138.1	256.5

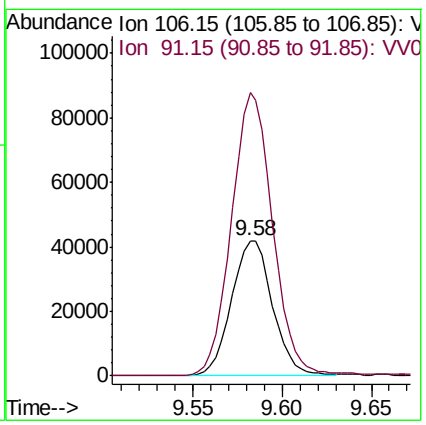


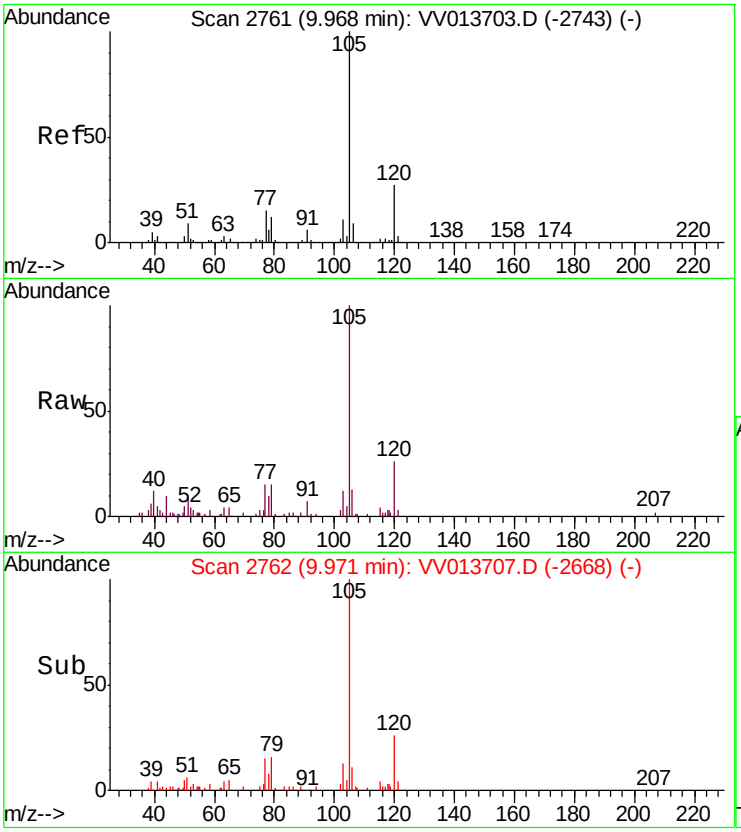


#54
o-xylene
Concen: 1.474 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion:106 Resp: 67012

Ion	Ratio	Lower	Upper
106	100		
91	209.4	146.9	272.7



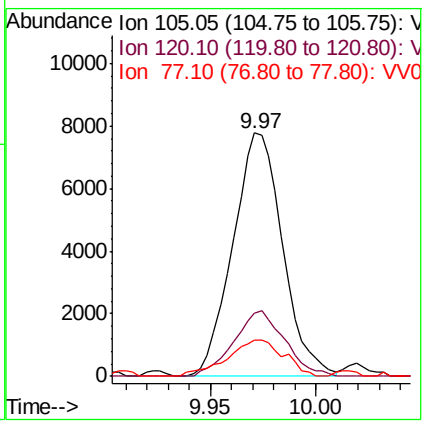


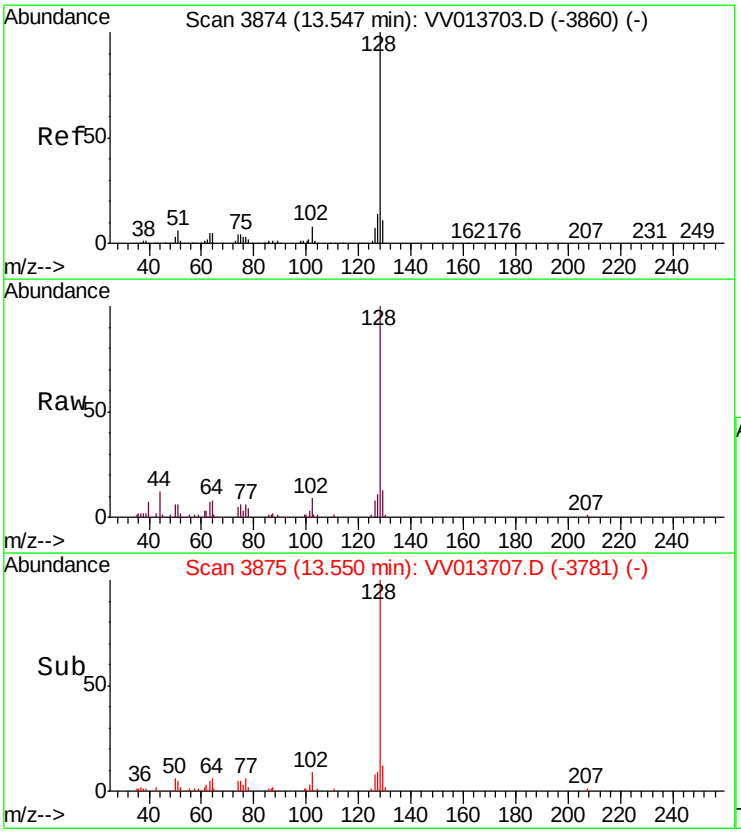
#56
Isopropylbenzene
Concen: 0.106 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Instrument :
MSVOA_V
ClientSampleId :
GAQK4DI2

Tgt Ion:105 Resp: 12769

Ion	Ratio	Lower	Upper
105	100		
120	27.6	21.2	31.8
77	17.1	11.9	17.9





#69
Naphthalene
Concen: 0.336 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013707.D
Acq: 21 Nov 2019 12:44

Tgt Ion:128 Resp: 20010

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	10.7	10.4	15.6