Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\

Quantitation Report (Not Reviewed)

Data File : VL033980.D
Acq On : 26 Jun 2019 23:14
Operator : SY/AP
Sample : K3538-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SUB-SLABDL

Quant Time: Jun 27 01:25:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.73	49	903628	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.26	114	2110900	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.21	117	2111018	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.54	95	1785733	10.30	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	9524	0.065	ppbv		95
3) Chlorodifluoromethane	3.01	51	7119	0.067	ppbv	#	80
4) Chloromethane	3.16	50	2201	0.036	ppbv	#	85
9) Propene	3.22	41	48923	1.229	ppbv		89
13) Ethanol	3.65	45	22952	1.772	ppbv		91
15) Acetone	3.90	43	159009	1.207	ppbv	#	81
17) tert-Butyl alcohol	4.37	59	6421	0.062	ppbv	#	72
19) Isopropyl Alcohol	4.04	45	6639	0.088	ppbv	#	1
20) Methylene Chloride	4.39	84	12855	0.250	ppbv		89
23) Vinyl Acetate	5.12	43	7247	0.047	ppbv	#	16
26) Hexane	5.75	57	6684	0.073	ppbv	#	34
34) 2-Butanone	5.33	43	6460	0.054	ppbv	#	57
36) Benzene	6.97	78	8142	0.050	ppbv	#	92
39) 1,2-Dichloropropane	7.26	63	548322	8.811	ppbv	#	26
53) Toluene	9.92	91	35371	0.198	ppbv		96
62) Isopropylbenzene	14.79	105	9116	0.030	ppbv		97

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

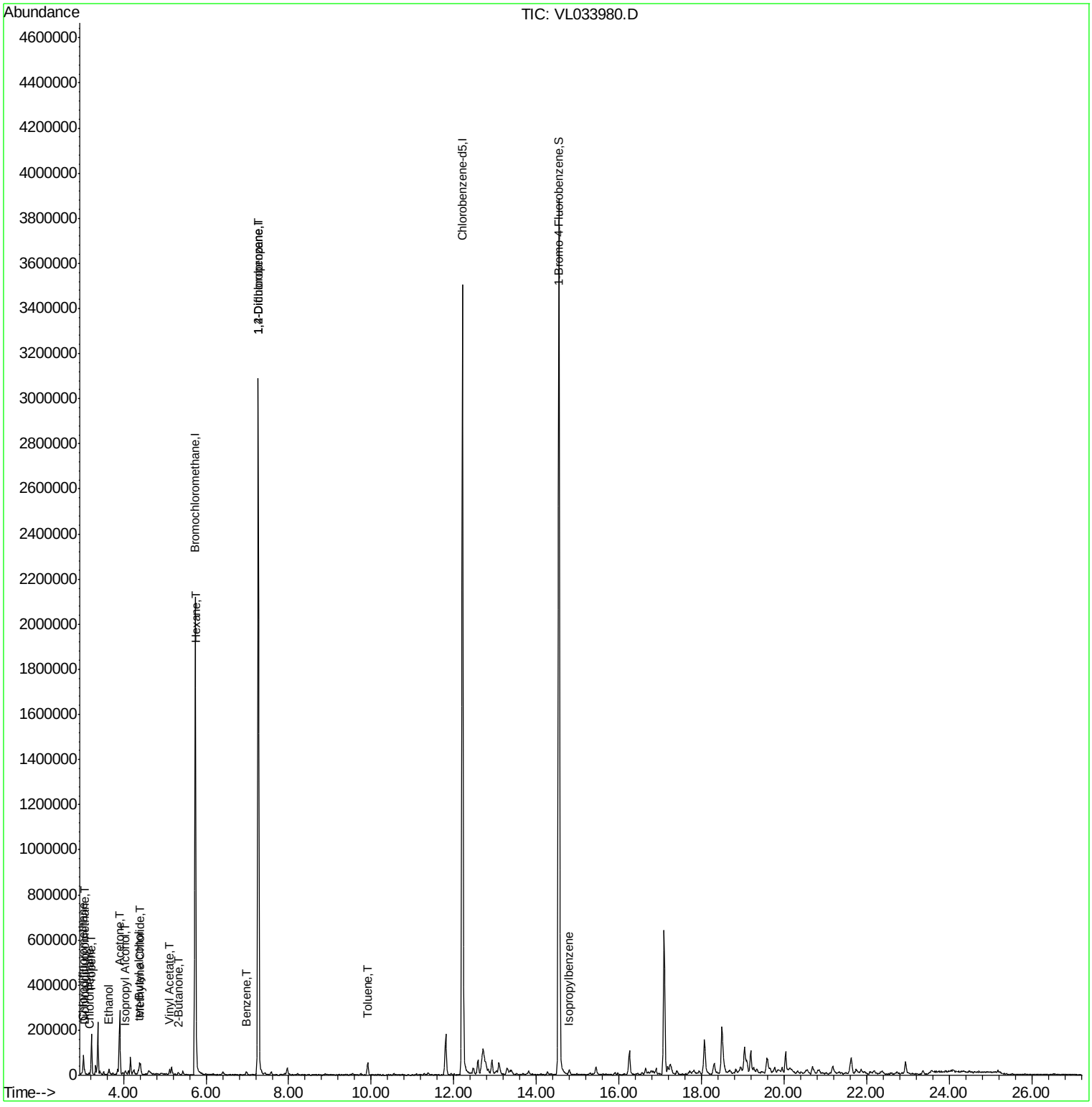
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\

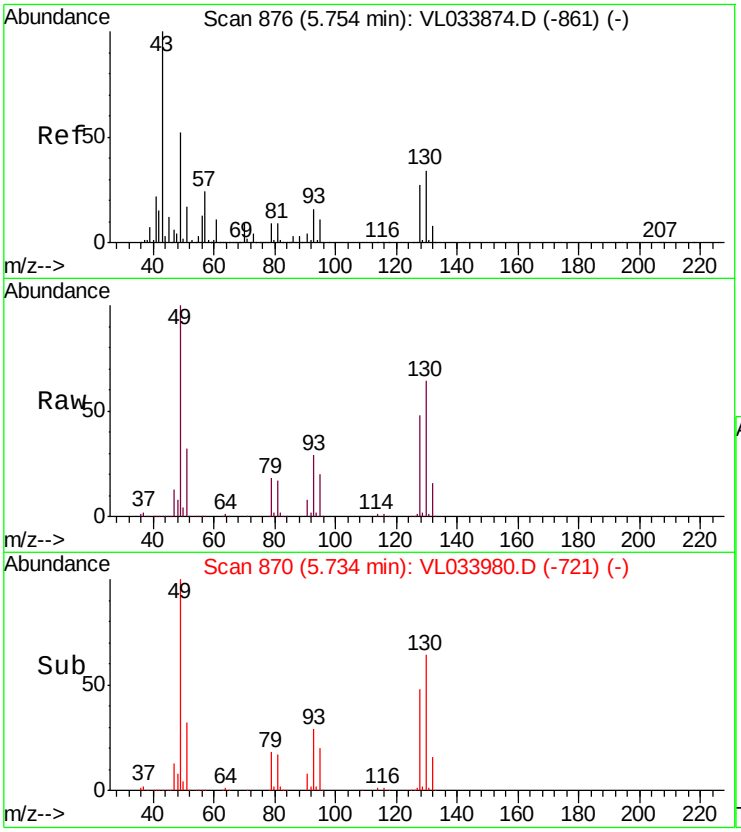
Quantitation Report (Not Reviewed)

Data File : VL033980.D
Acq On : 26 Jun 2019 23:14
Operator : SY/AP
Sample : K3538-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SUB-SLABDL

Quant Time: Jun 27 01:25:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration



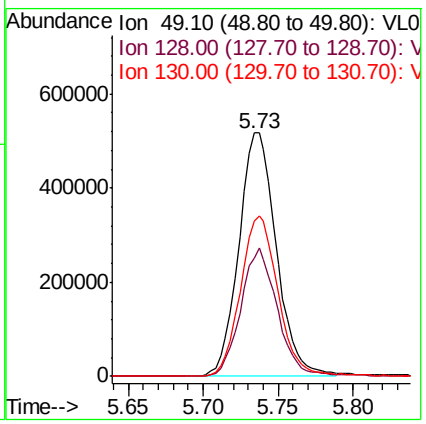


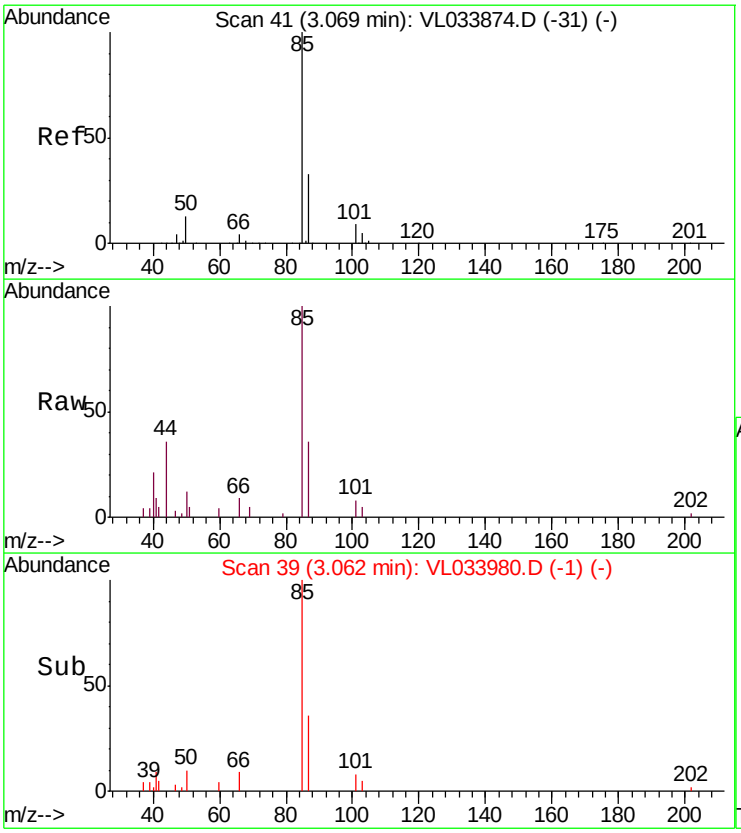
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.73 min Scan# 870
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 49 Resp: 903628

Ion	Ratio	Lower	Upper
49	100		
128	51.6	25.5	76.5
130	66.6	32.5	97.4

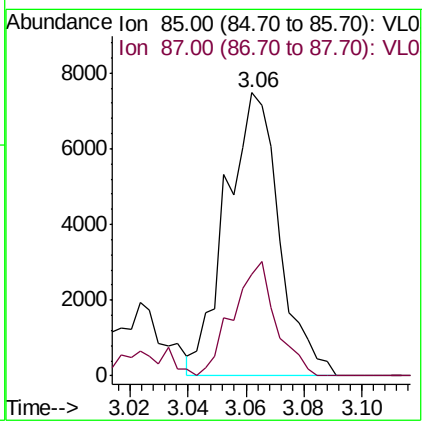


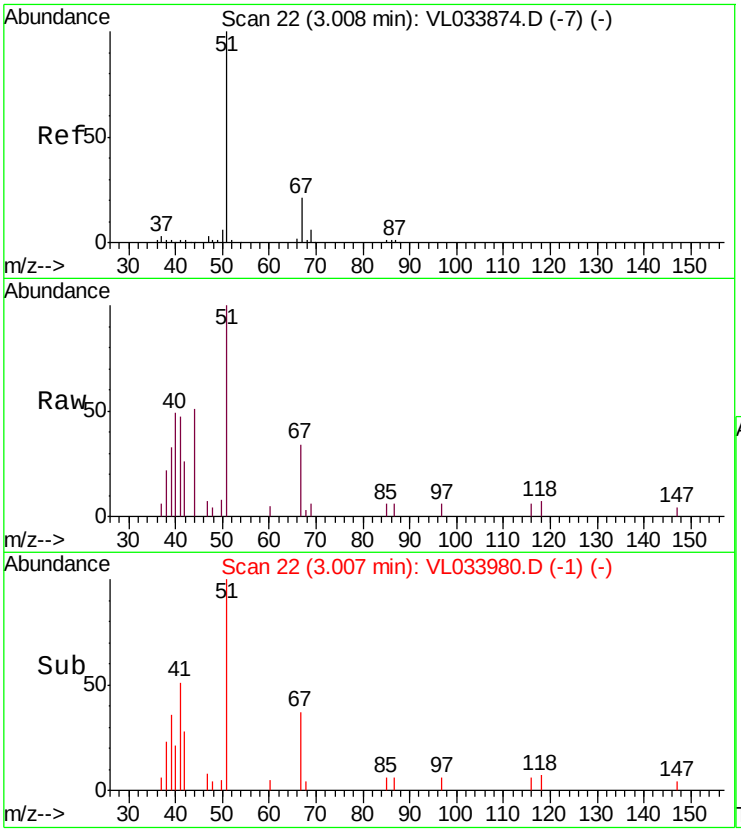


#2
Dichlorodifluoromethane
Concen: 0.065 ppbv
RT: 3.06 min Scan# 39
Delta R.T. -0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 85 Resp: 9524

Ion	Ratio	Lower	Upper
85	100		
87	36.0	26.6	40.0



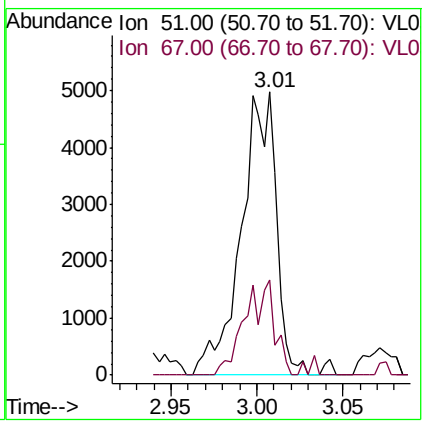


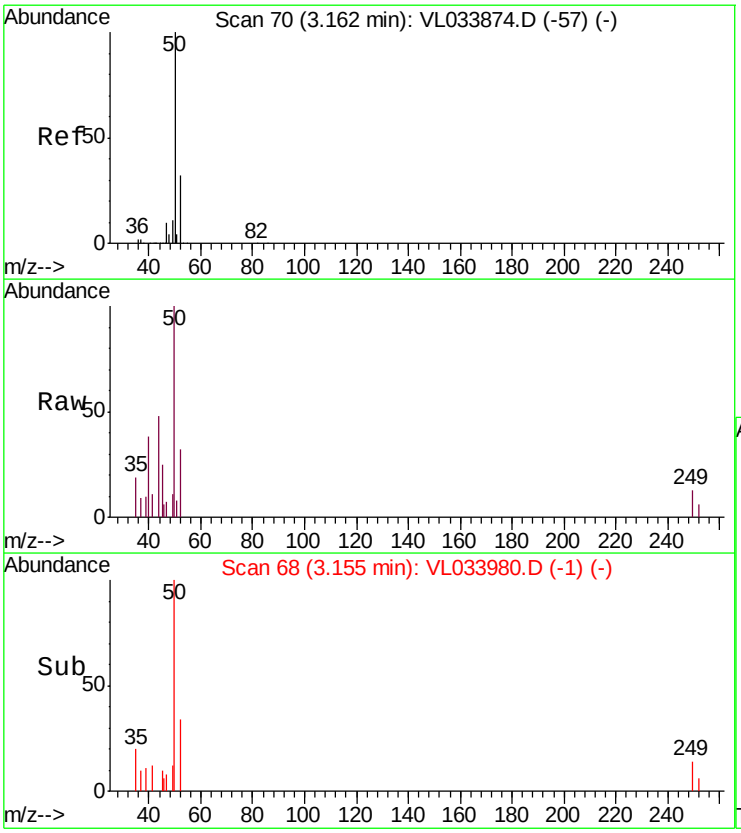
#3
Chlorodifluoromethane
Concen: 0.067 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 51 Resp: 7119

Ion	Ratio	Lower	Upper
51	100		
67	29.8	16.4	24.6#

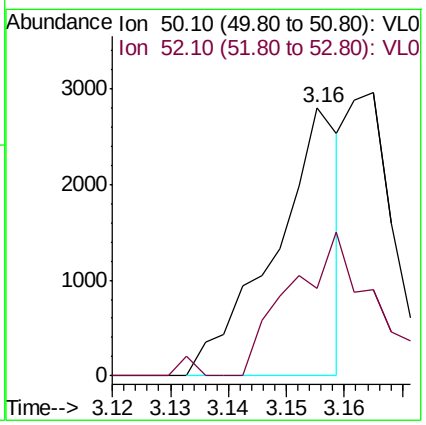


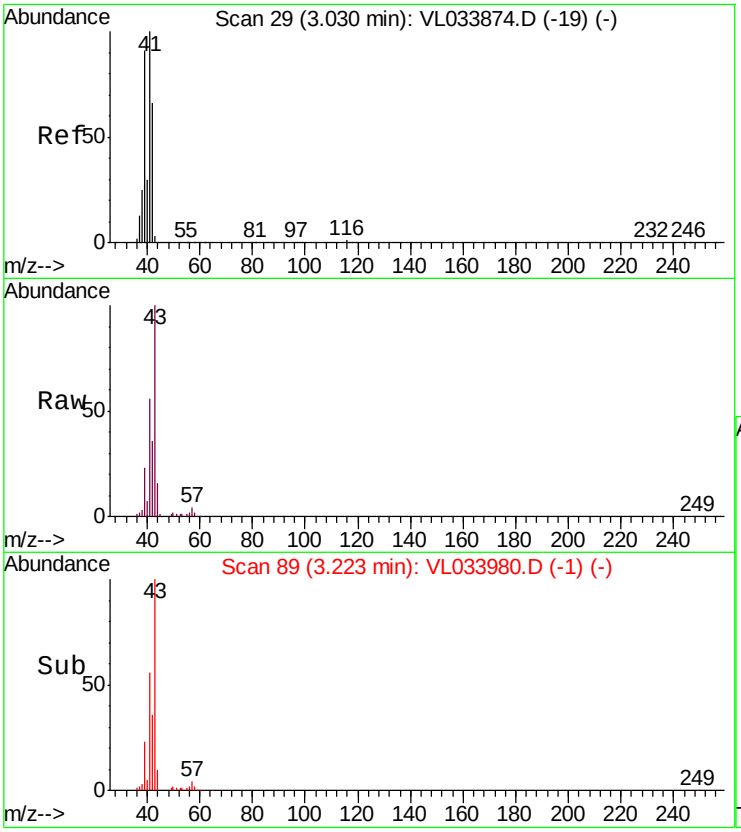


#4
Chloromethane
Concen: 0.036 ppbv
RT: 3.16 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 50 Resp: 2201

Ion	Ratio	Lower	Upper
50	100		
52	23.4	25.4	38.0#



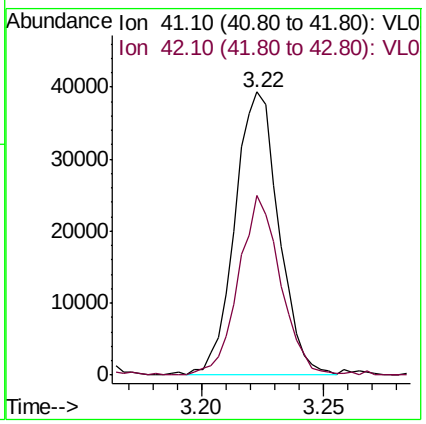


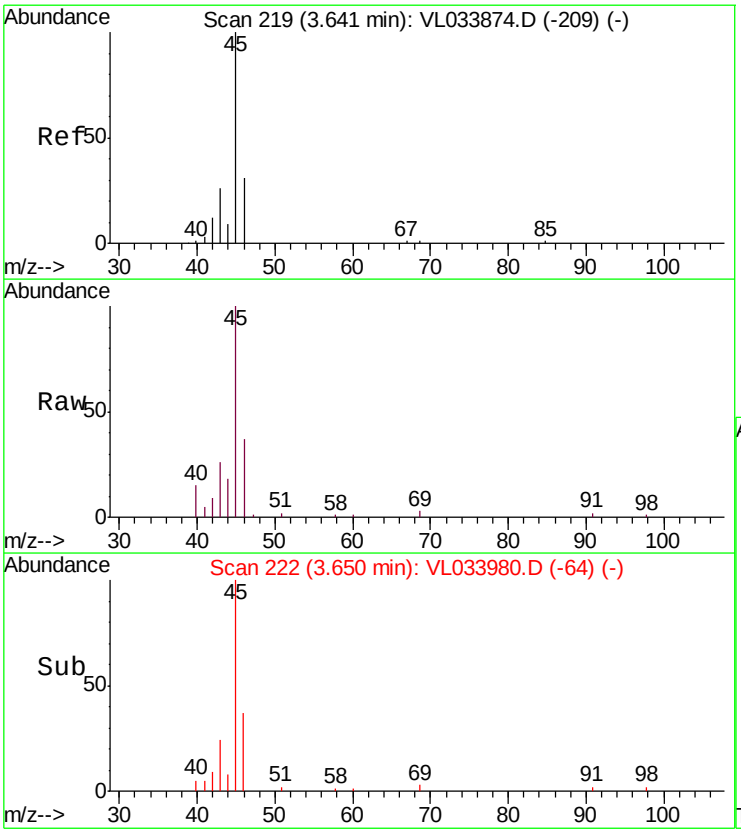
#9
Propene
Concen: 1.229 ppbv
RT: 3.22 min Scan# 89
Delta R.T. 0.19 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 41 Resp: 48923

Ion	Ratio	Lower	Upper
41	100		
42	60.9	56.3	84.5

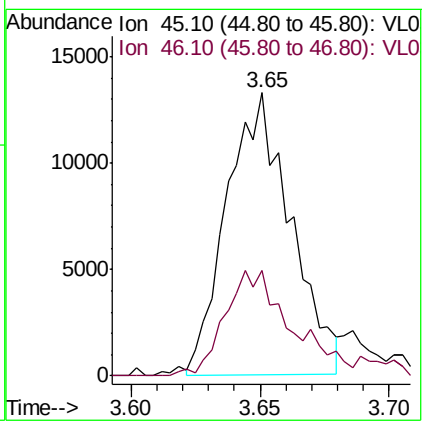


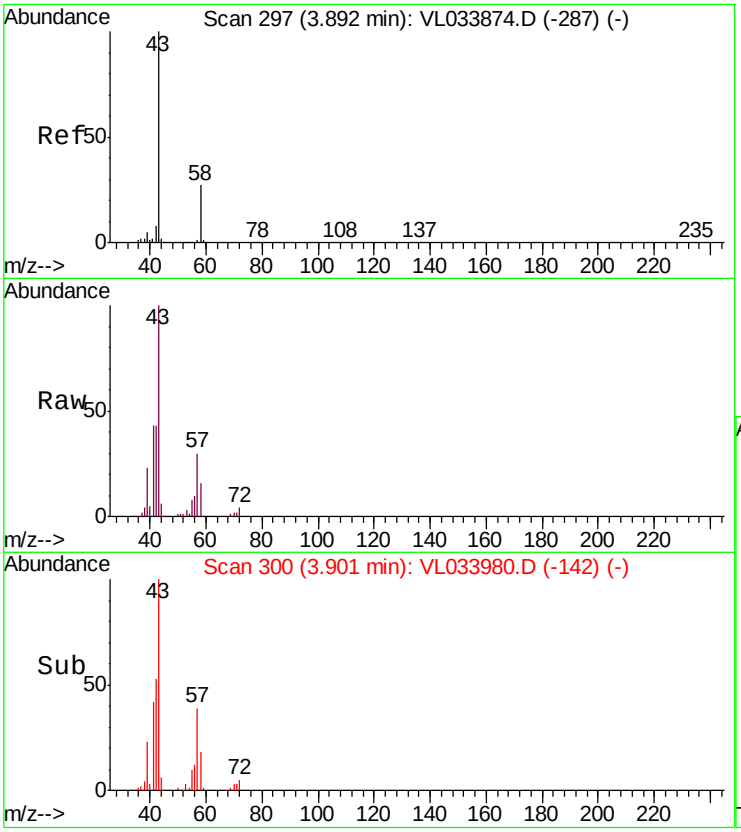


#13
Ethanol
Concen: 1.772 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 45 Resp: 22952

Ion	Ratio	Lower	Upper
45	100		
46	43.9	15.3	61.1



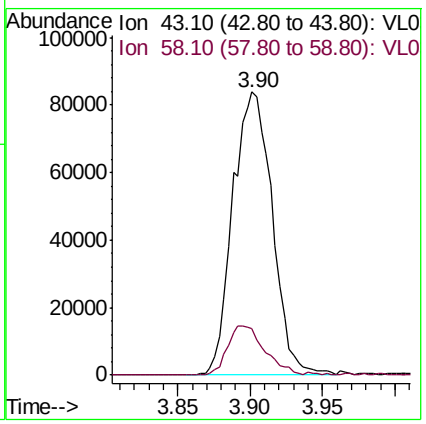


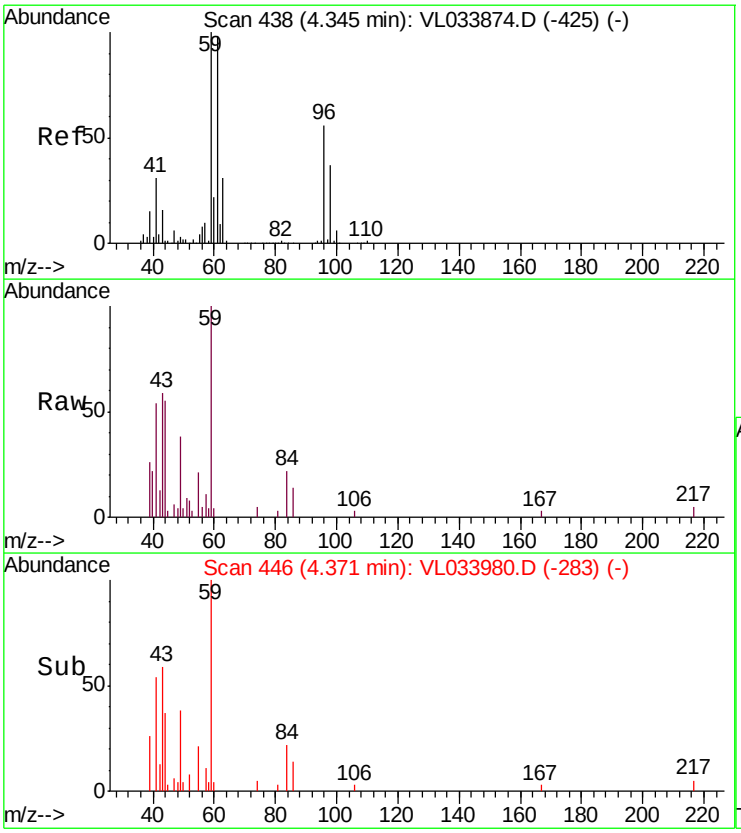
#15
Acetone
Concen: 1.207 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 43 Resp: 159009

Ion	Ratio	Lower	Upper
43	100		
58	16.7	21.3	31.9#

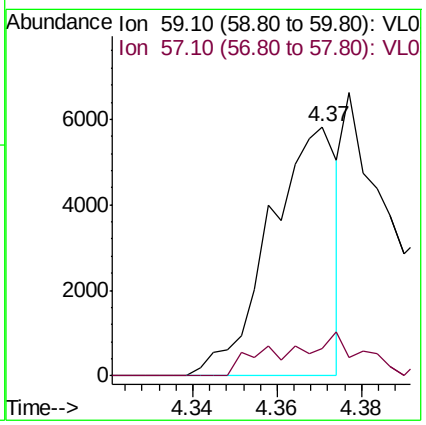


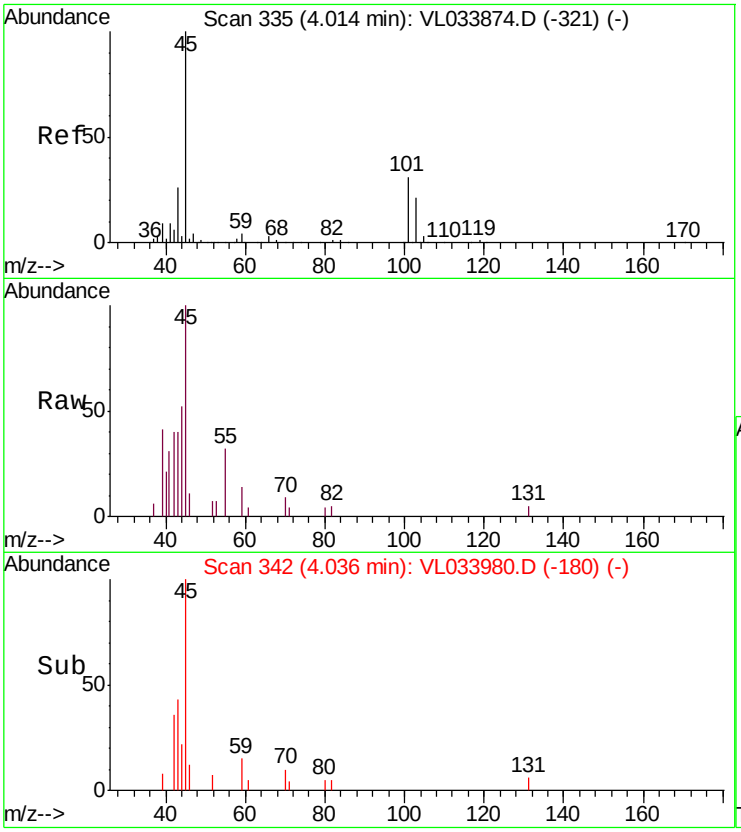


#17
tert-Butyl alcohol
Concen: 0.062 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.03 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 59 Resp: 6421

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



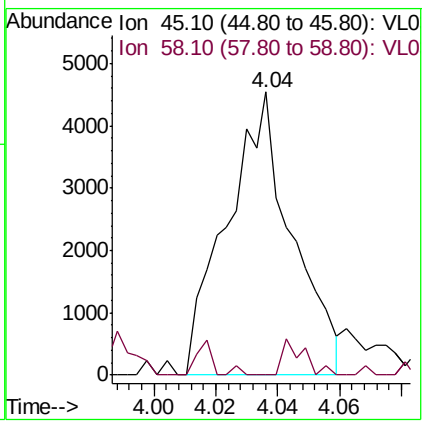


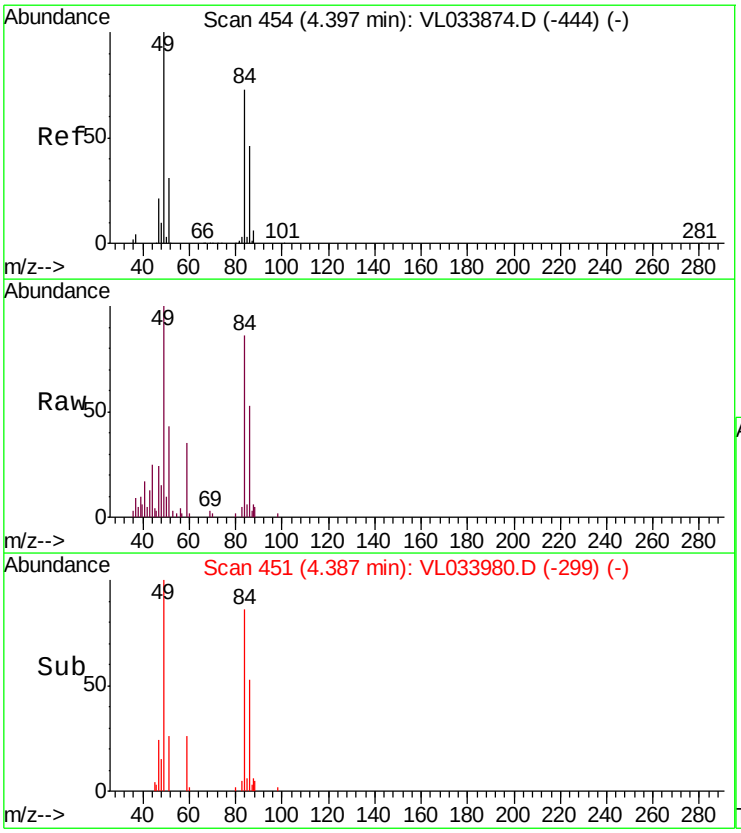
#19
Isopropyl Alcohol
Concen: 0.088 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 45 Resp: 6639

Ion	Ratio	Lower	Upper
45	100		
58	414.7	1.8	2.6#

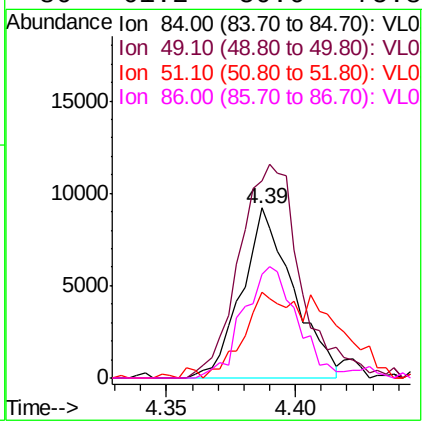


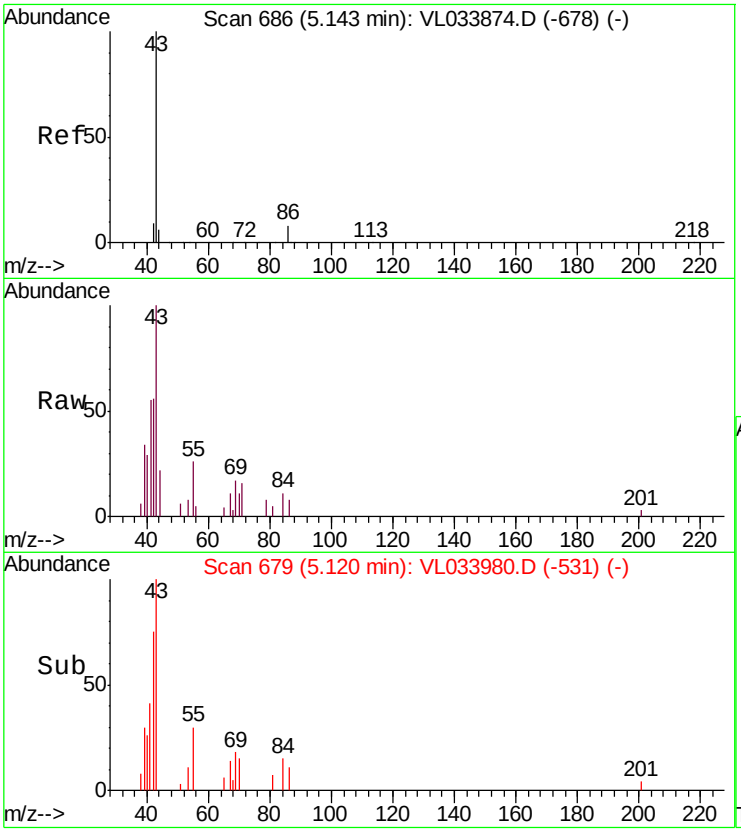


#20
Methylene Chloride
Concen: 0.250 ppbv
RT: 4.39 min Scan# 451
Delta R.T. -0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 84 Resp: 12855

Ion	Ratio	Lower	Upper
84	100		
49	116.4	110.0	165.0
51	44.3	34.6	51.8
86	61.2	50.6	75.8



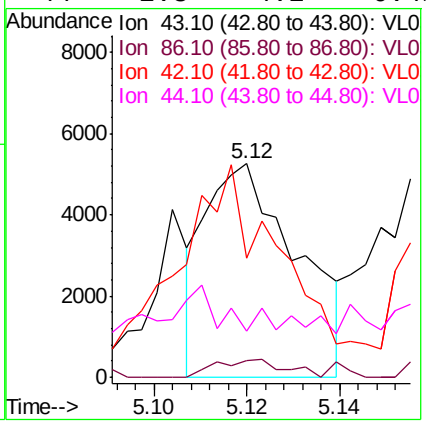


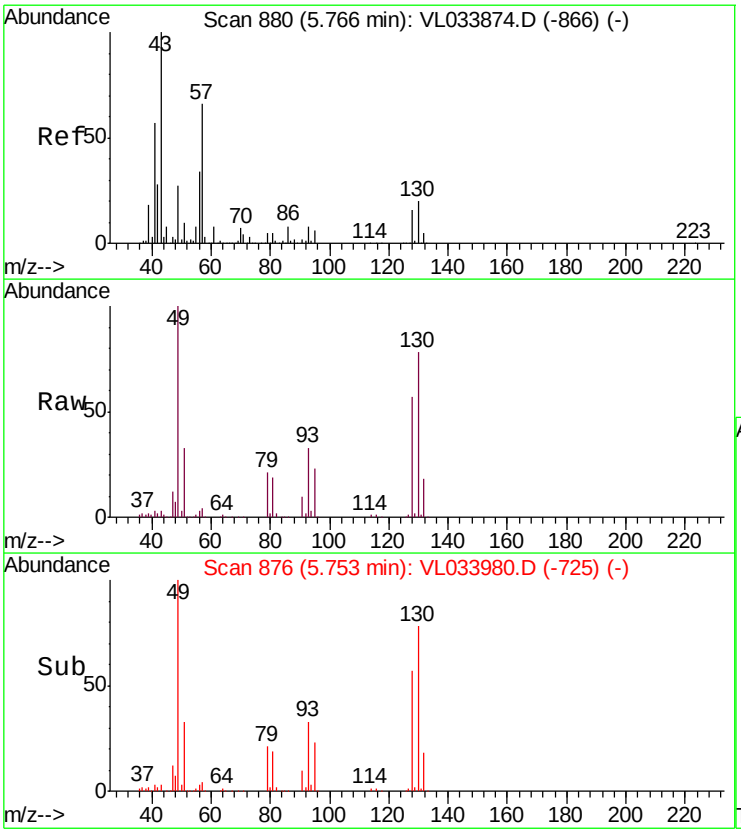
#23
Vinyl Acetate
Concen: 0.047 ppbv
RT: 5.12 min Scan# 679
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument : MSVOA_L
ClientSampleId : SUB-SLABDL

Tgt Ion: 43 Resp: 7247

Ion	Ratio	Lower	Upper
43	100		
86	14.6	5.8	8.8#
42	73.0	7.8	11.8#
44	2.3	4.2	6.4#

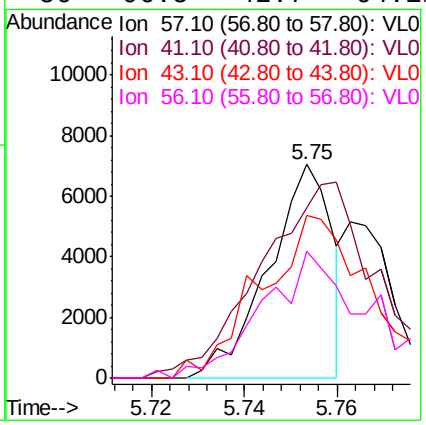


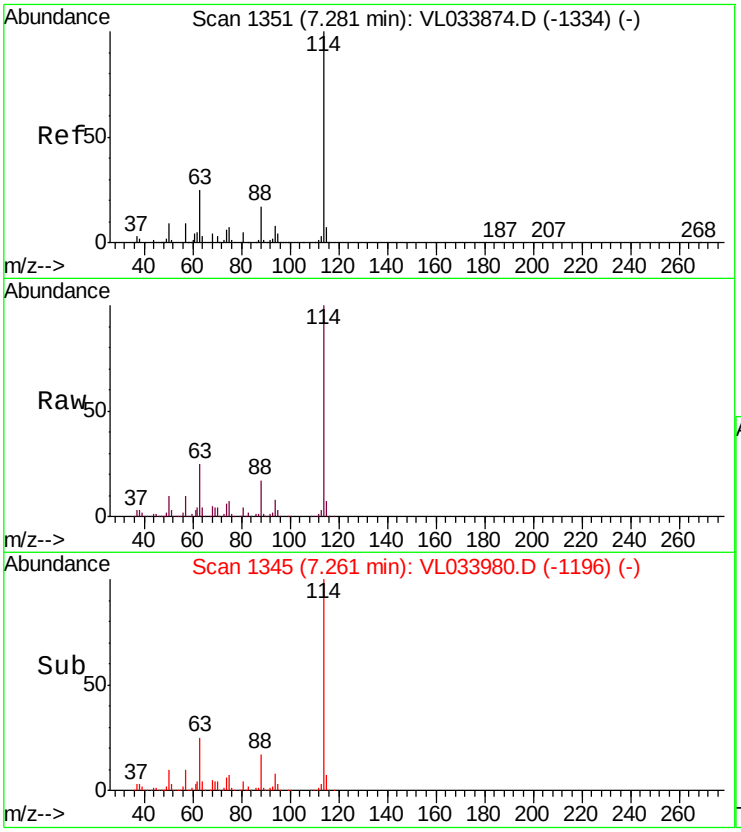


#26
Hexane
Concen: 0.073 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 57 Resp: 6684

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	137.1	183.7	275.5#
56	96.5	42.7	64.1#



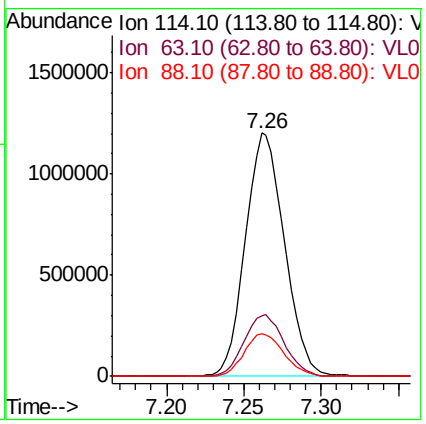


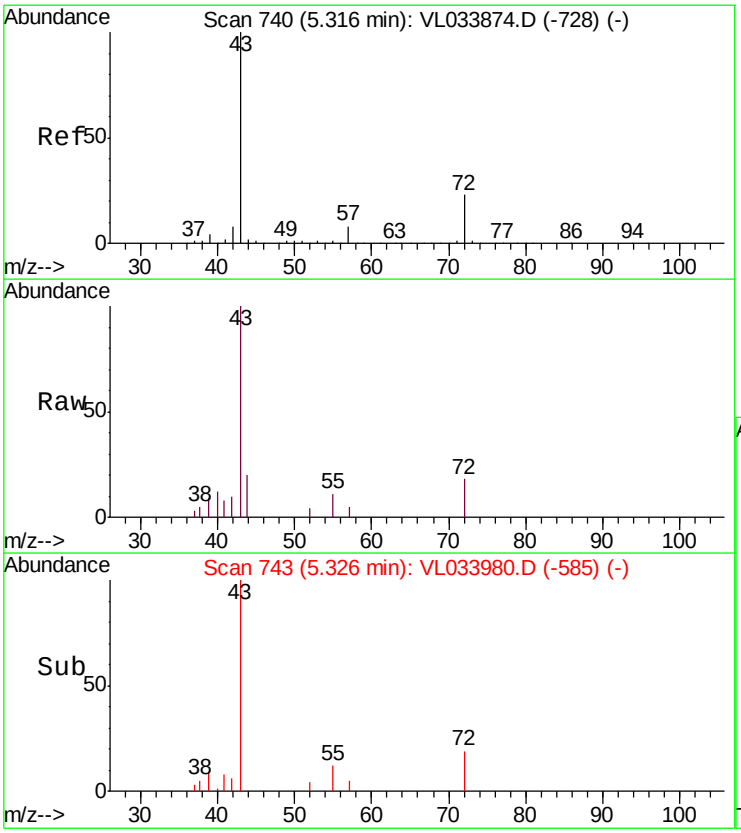
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion:114 Resp: 2110900

Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.1	31.7
88	17.9	14.2	21.4

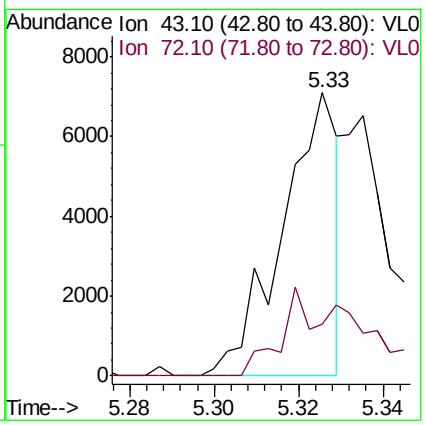


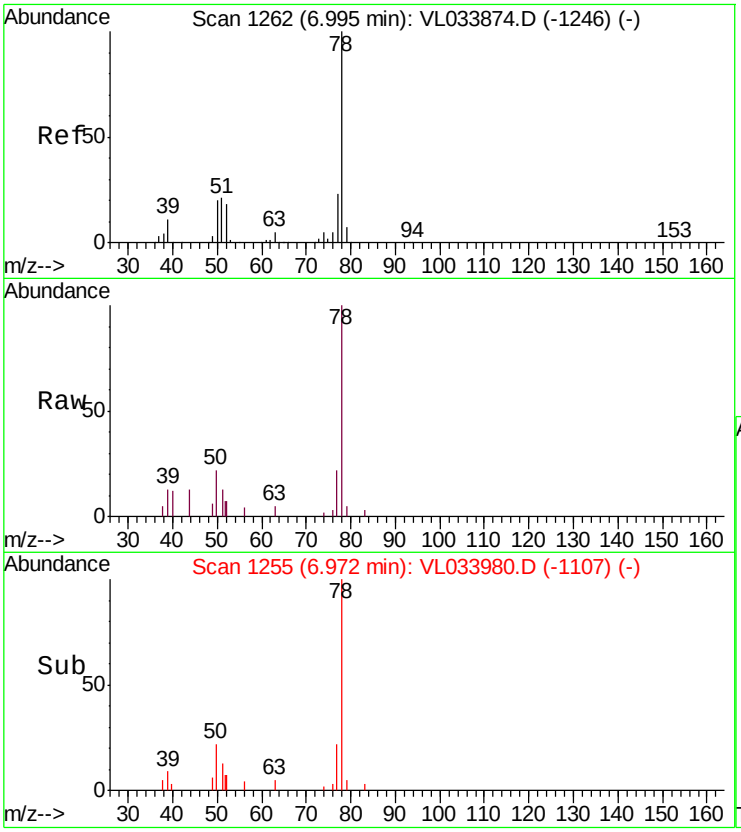


#34
2-Butanone
Concen: 0.054 ppbv
RT: 5.33 min Scan# 743
Delta R.T. 0.01 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 43 Resp: 6460

Ion	Ratio	Lower	Upper
43	100		
72	43.1	17.9	26.9#



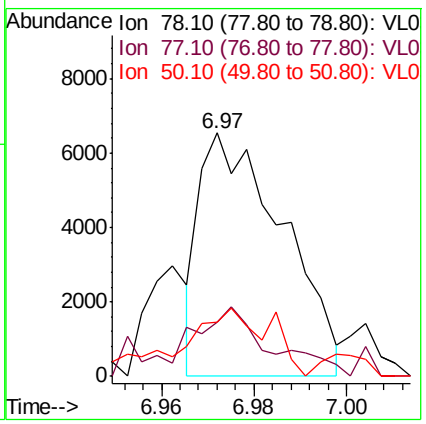


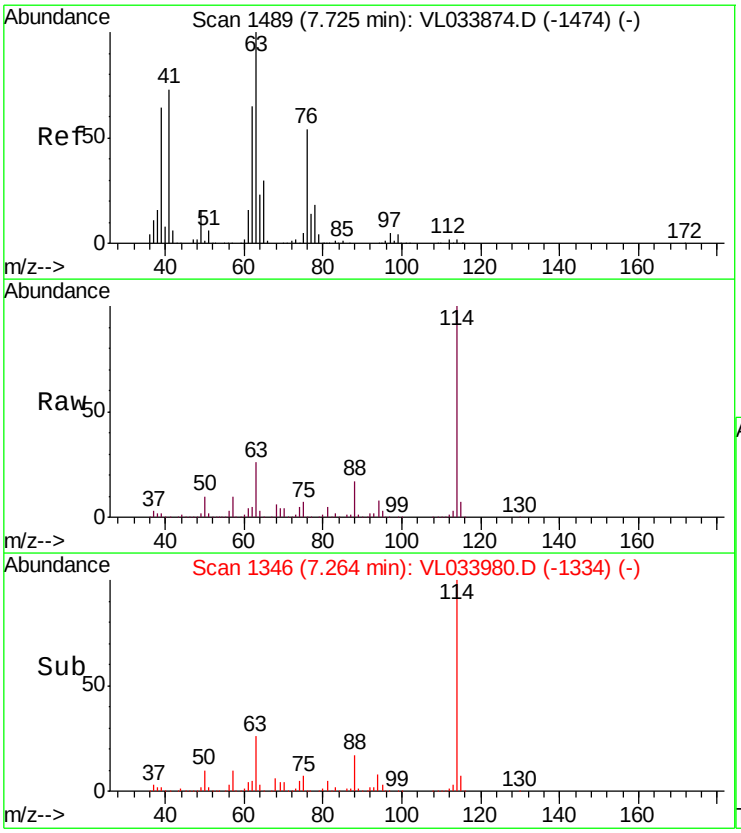
#36
Benzene
Concen: 0.050 ppbv
RT: 6.97 min Scan# 1255
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 78 Resp: 8142

Ion	Ratio	Lower	Upper
78	100		
77	19.9	18.2	27.2
50	15.5	15.9	23.9#

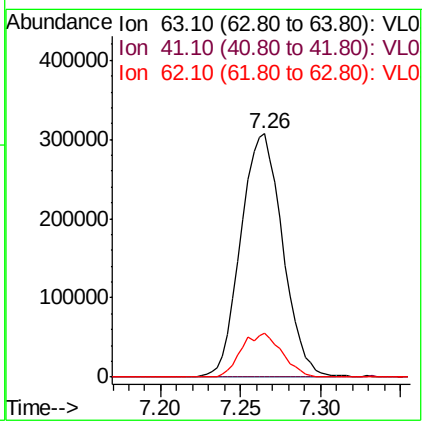


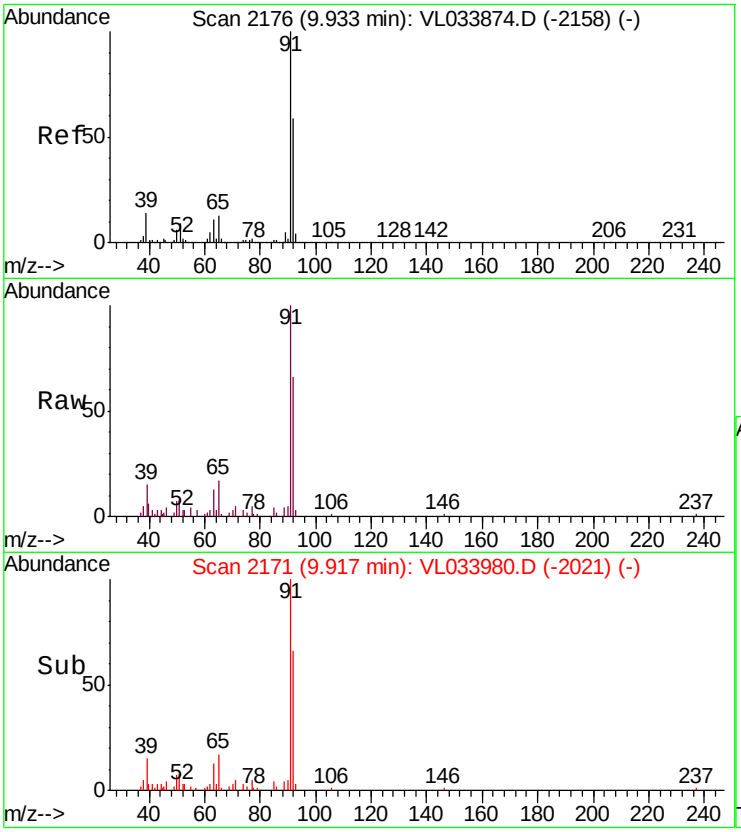


#39
1,2-Dichloropropane
Concen: 8.811 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. -0.46 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 63 Resp: 548322

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.7	88.1#
62	18.0	51.9	77.9#



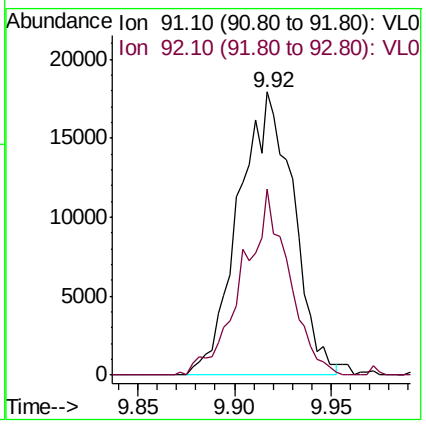


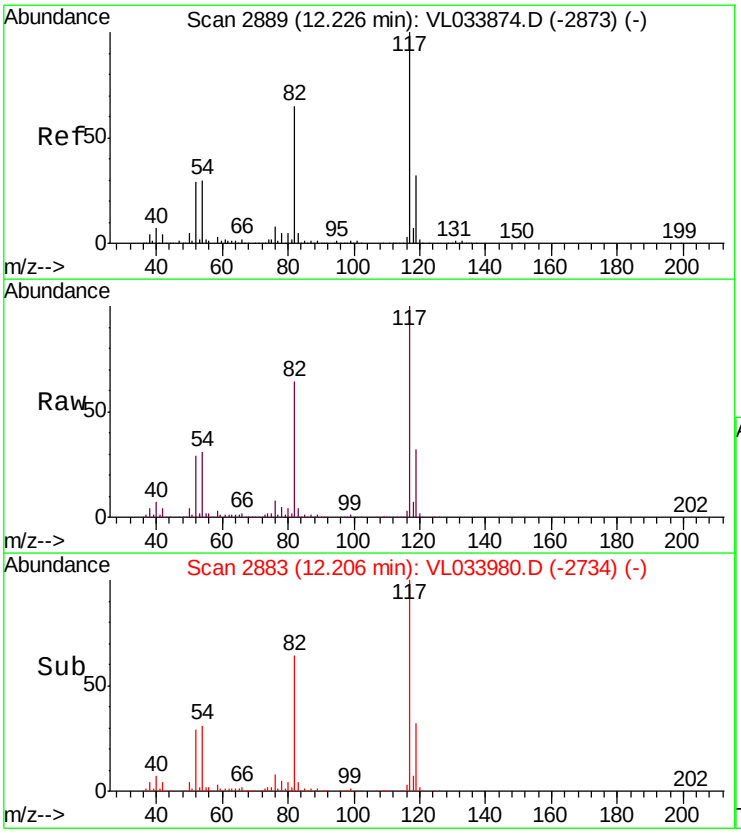
#53
Toluene
Concen: 0.198 ppbv
RT: 9.92 min Scan# 2171
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion: 91 Resp: 35371

Ion	Ratio	Lower	Upper
91	100		
92	55.6	47.0	70.6

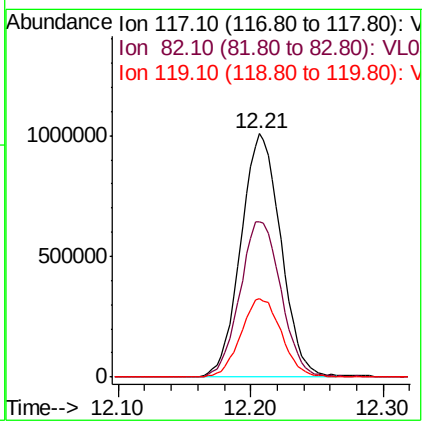


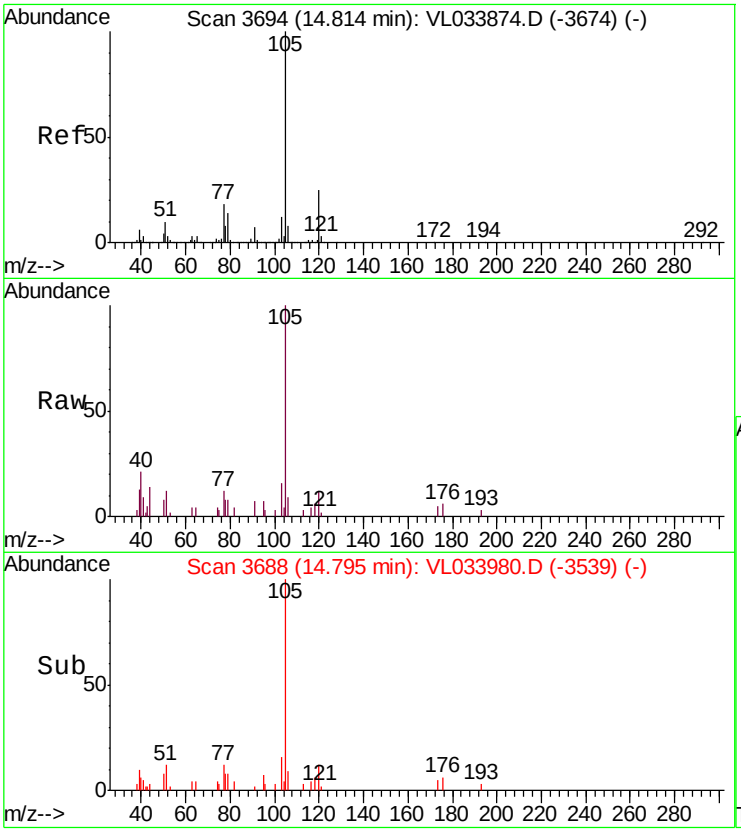


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.21 min Scan# 2883
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion:117 Resp: 2111018

Ion	Ratio	Lower	Upper
117	100		
82	66.1	50.2	75.2
119	32.9	24.8	37.2



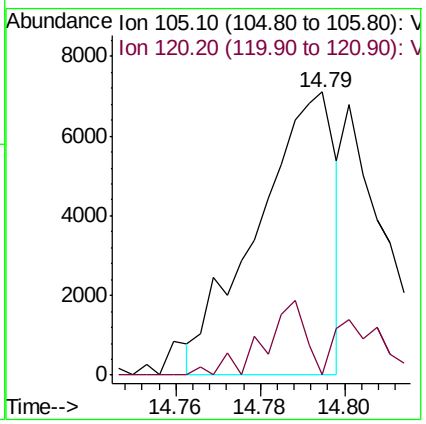


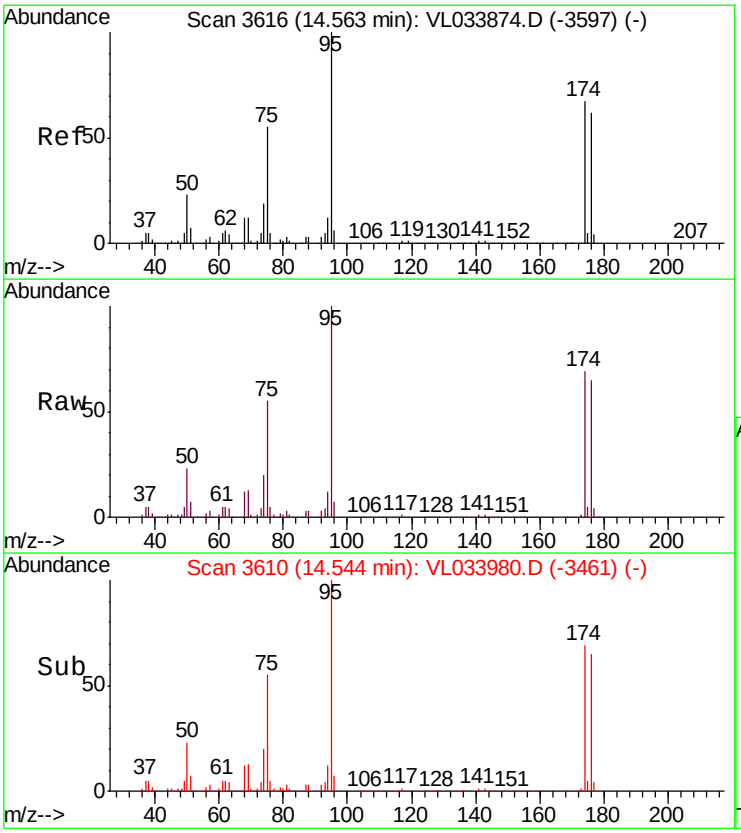
#62
Isopropylbenzene
Concen: 0.030 ppbv
RT: 14.79 min Scan# 3688
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLABDL

Tgt Ion:105 Resp: 9116

Ion	Ratio	Lower	Upper
105	100		
120	27.0	20.3	30.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.299 ppbv
RT: 14.54 min Scan# 3610
Delta R.T. -0.02 min
Lab File: VL033980.D
Acq: 26 Jun 2019 23:14

Tgt Ion: 95 Resp: 1785733

Ion	Ratio	Lower	Upper
95	100		
174	67.4	54.0	81.0
175	4.9	3.8	5.8