Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\

Quantitation Report (Not Reviewed)

Data File : VL033194.D
Acq On : 13 Feb 2019 19:45
Operator : SY/AP
Sample : K1408-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : FM-IADL

Quant Time: Feb 14 04:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	982998	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2238278	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2185639	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1757430	10.44	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	14797	0.079	ppbv		96
3) Chlorodifluoromethane	3.01	51	8510450	71.903	ppbv	#	91
4) Chloromethane	3.01	50	574538	9.193	ppbv	#	74
8) Dichlorotetrafluoroethane	3.08	85	14797	0.101	ppbv	#	17
9) Propene	3.24	41	181742	3.179	ppbv		95
13) Ethanol	3.65	45	199786	10.478	ppbv		100
15) Acetone	3.92	43	321919	2.907	ppbv	#	75
16) 1,3-Butadiene	3.34	39	1979	0.038	ppbv	#	58
17) tert-Butyl alcohol	4.39	59	1569	0.074	ppbv	#	74
19) Isopropyl Alcohol	4.03	45	18674	0.249	ppbv	#	1
20) Methylene Chloride	4.41	84	18225	0.414	ppbv	#	86
25) Ethyl Acetate	5.78	43	85139	0.342	ppbv		98
26) Hexane	5.78	57	50192	0.429	ppbv	#	79
34) 2-Butanone	5.34	43	16766	0.118	ppbv		98
39) 1,2-Dichloropropane	7.29	63	594509	6.636	ppbv	#	25
52) Tetrachloroethene	11.37	164	6023	0.069	ppbv	#	75
53) Toluene	9.94	91	32847	0.122	ppbv	#	21

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

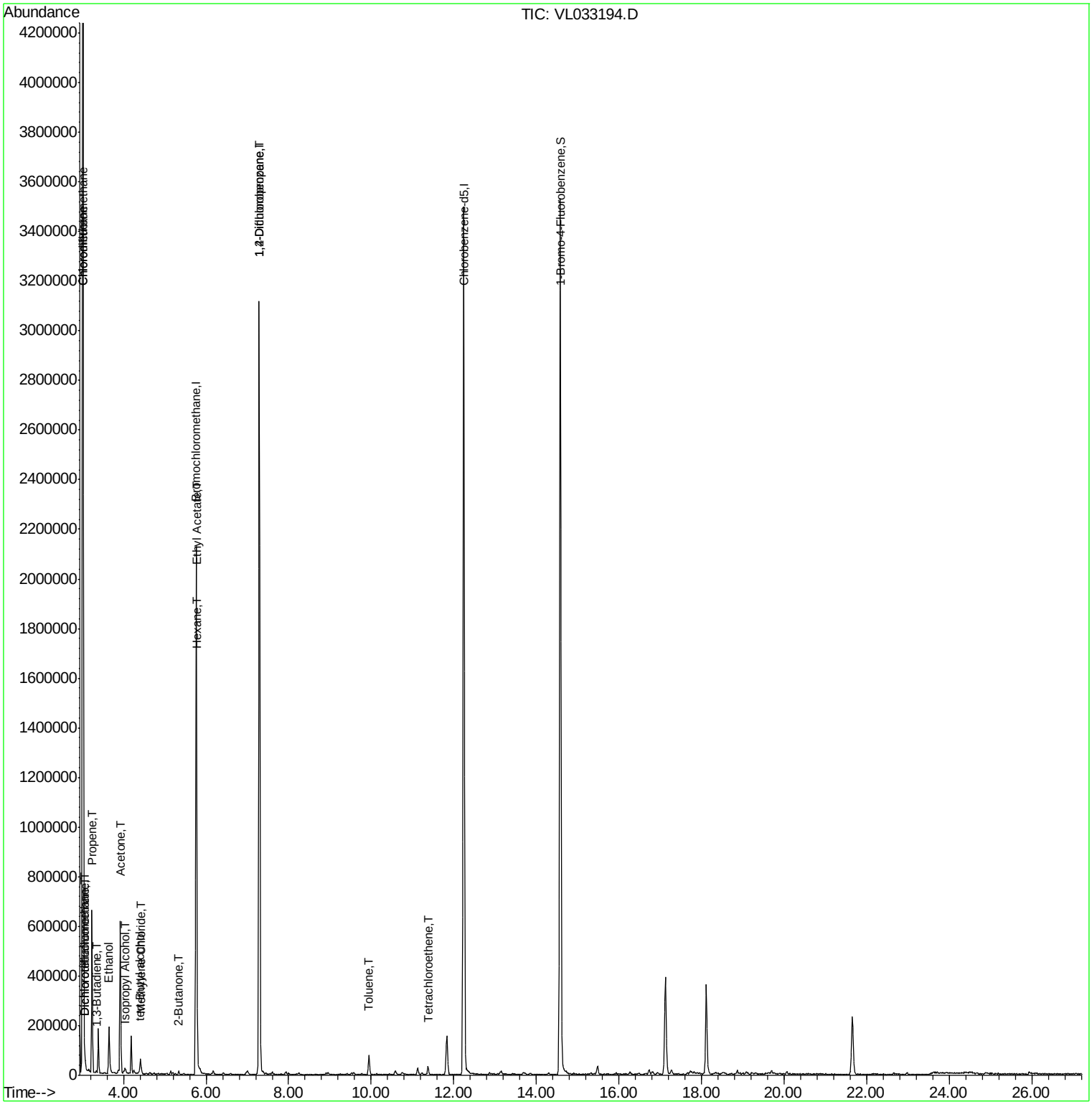
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021319\

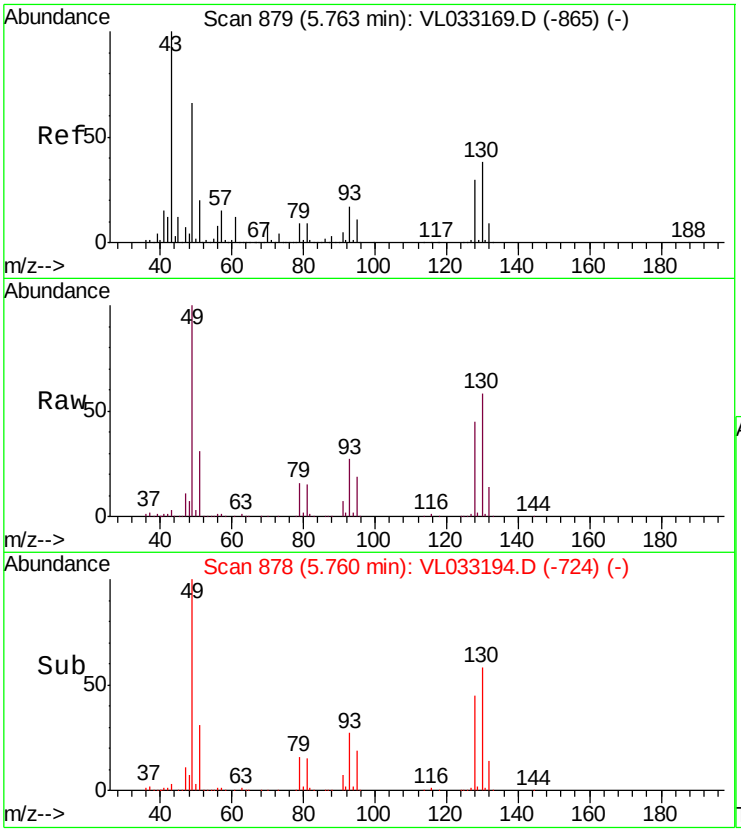
Quantitation Report (Not Reviewed)

Data File : VL033194.D
Acq On : 13 Feb 2019 19:45
Operator : SY/AP
Sample : K1408-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : FM-IADL

Quant Time: Feb 14 04:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration



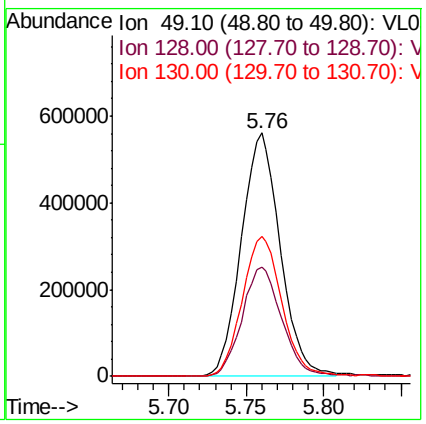


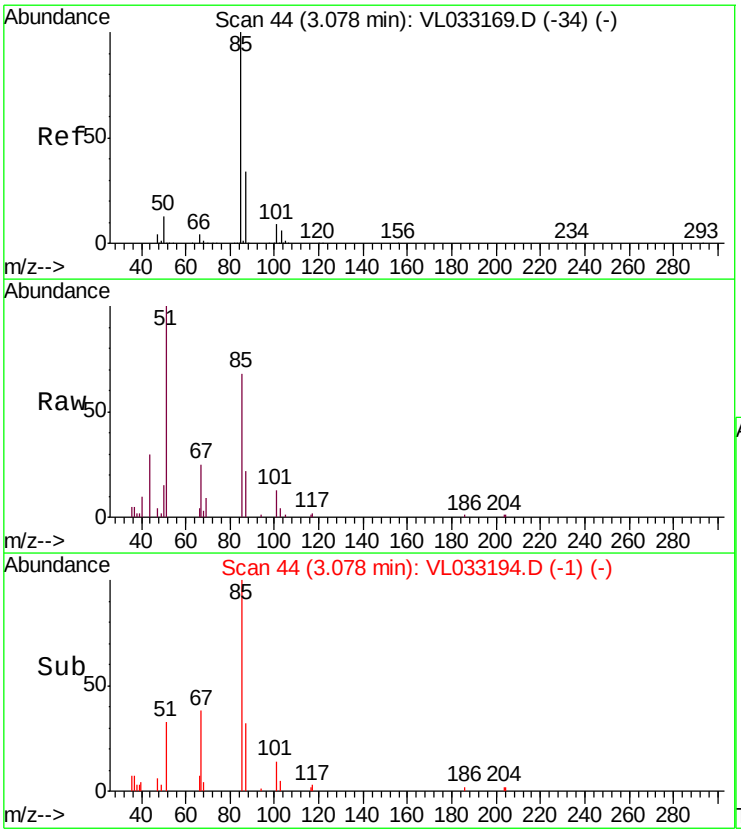
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 49 Resp: 982998

Ion	Ratio	Lower	Upper
49	100		
128	46.3	23.6	71.0
130	59.0	30.3	91.0

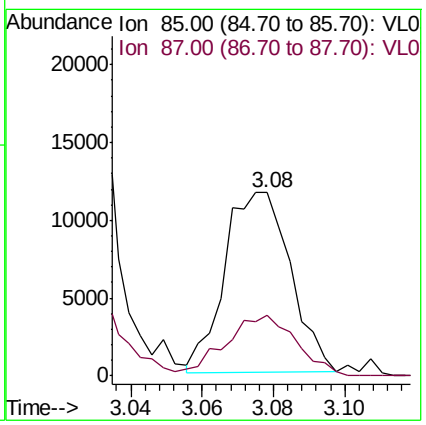


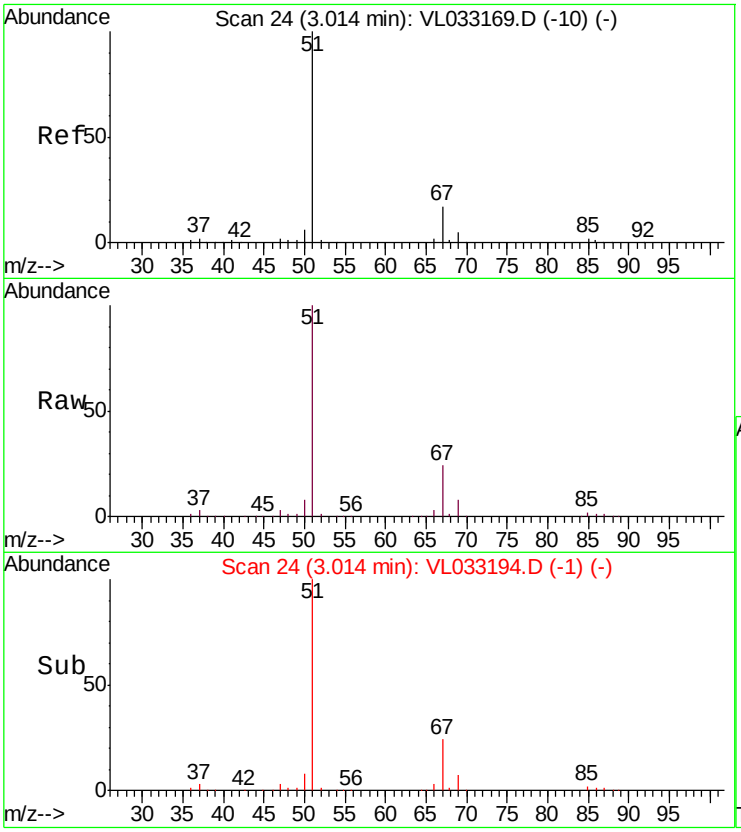


#2
Dichlorodifluoromethane
Concen: 0.079 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 85 Resp: 14797

Ion	Ratio	Lower	Upper
85	100		
87	31.7	27.4	41.2



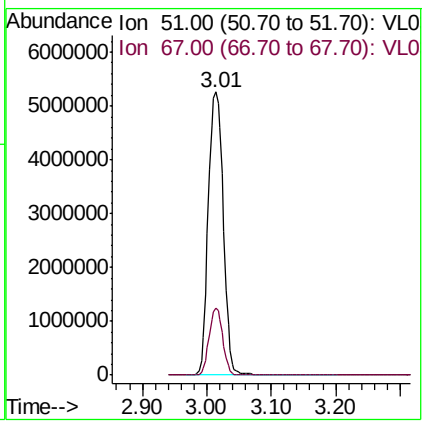


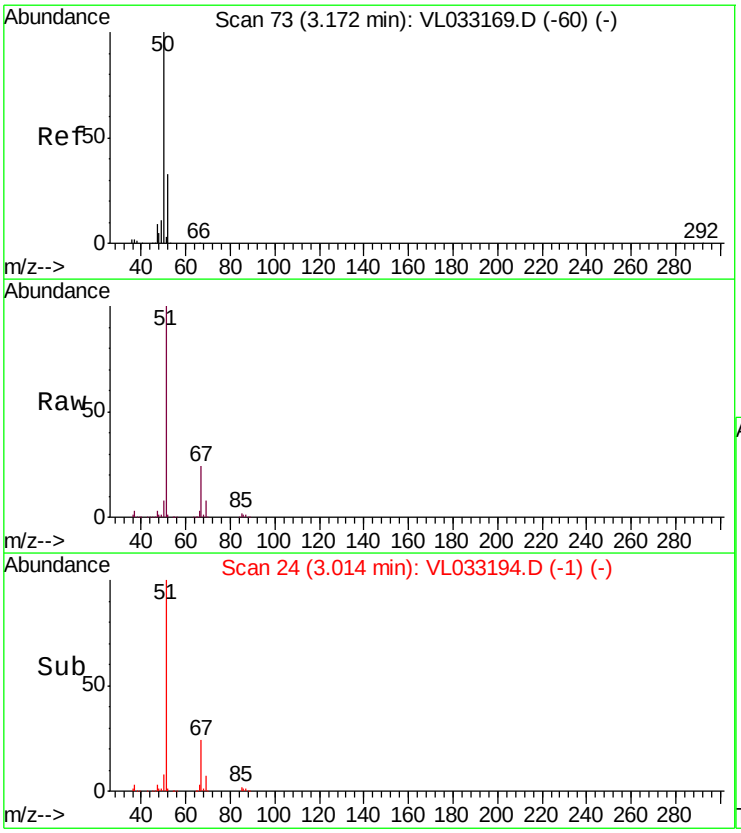
#3
Chlorodifluoromethane
Concen: 71.903 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 51 Resp: 8510450

Ion	Ratio	Lower	Upper
51	100		
67	21.4	14.0	21.0#

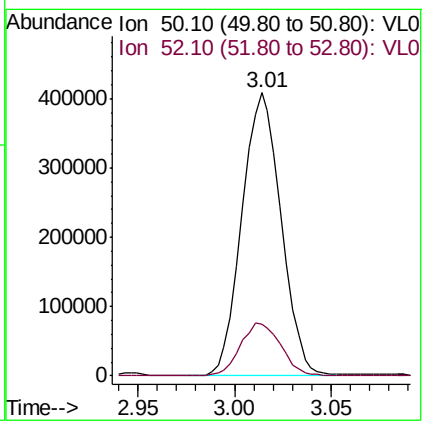


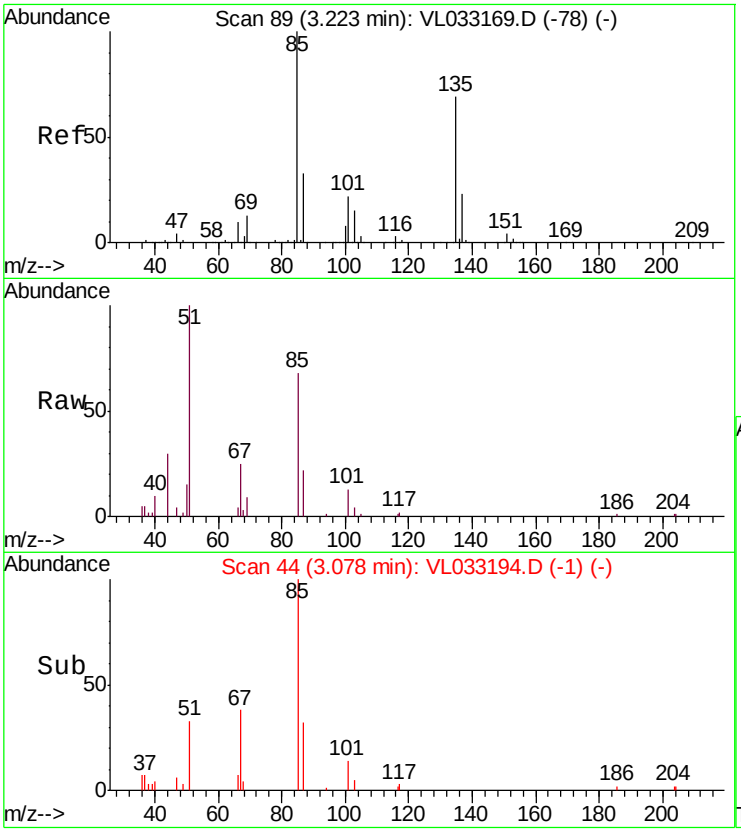


#4
Chloromethane
Concen: 9.193 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.16 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 50 Resp: 574538

Ion	Ratio	Lower	Upper
50	100		
52	18.2	26.5	39.7#



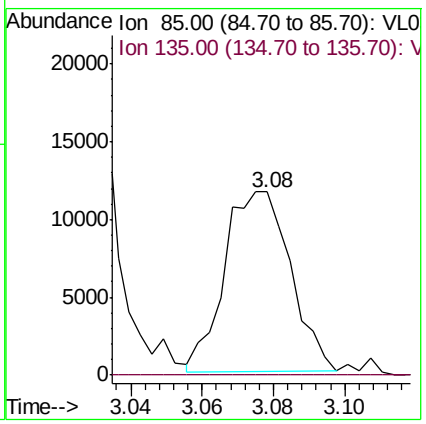


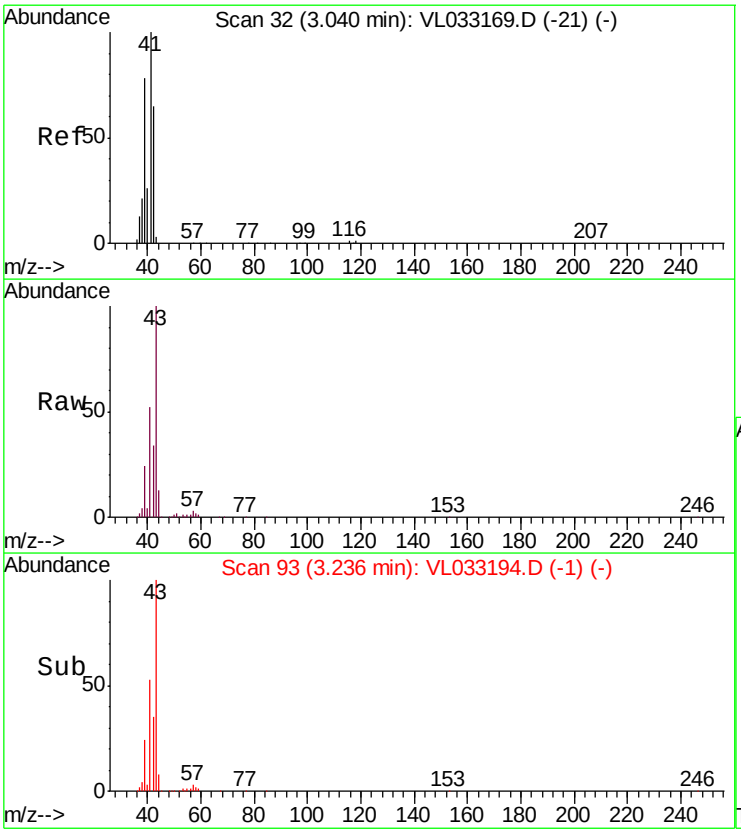
#8
Dichlorotetrafluoroethane
Concen: 0.101 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.14 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 85 Resp: 14797

Ion	Ratio	Lower	Upper
85	100		
135	1.0	54.3	81.5#

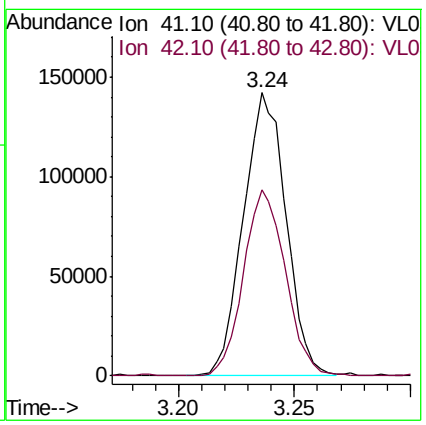


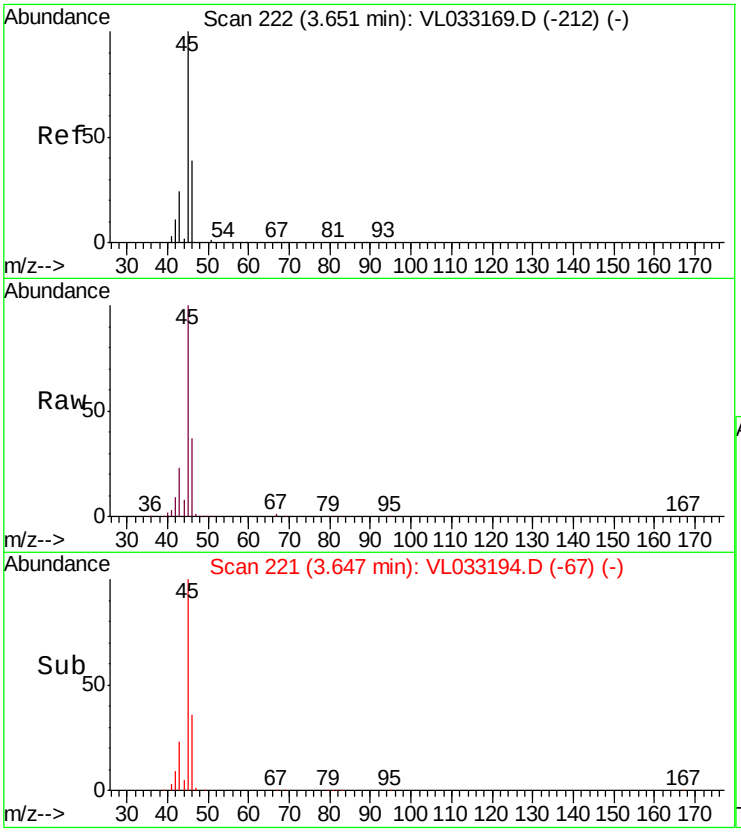


#9
Propene
Concen: 3.179 ppbv
RT: 3.24 min Scan# 93
Delta R.T. 0.20 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 41 Resp: 181742

Ion	Ratio	Lower	Upper
41	100		
42	65.0	55.0	82.6



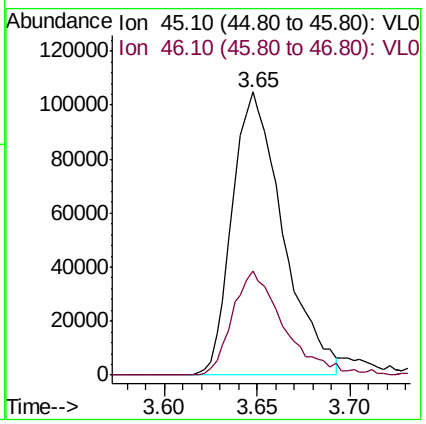


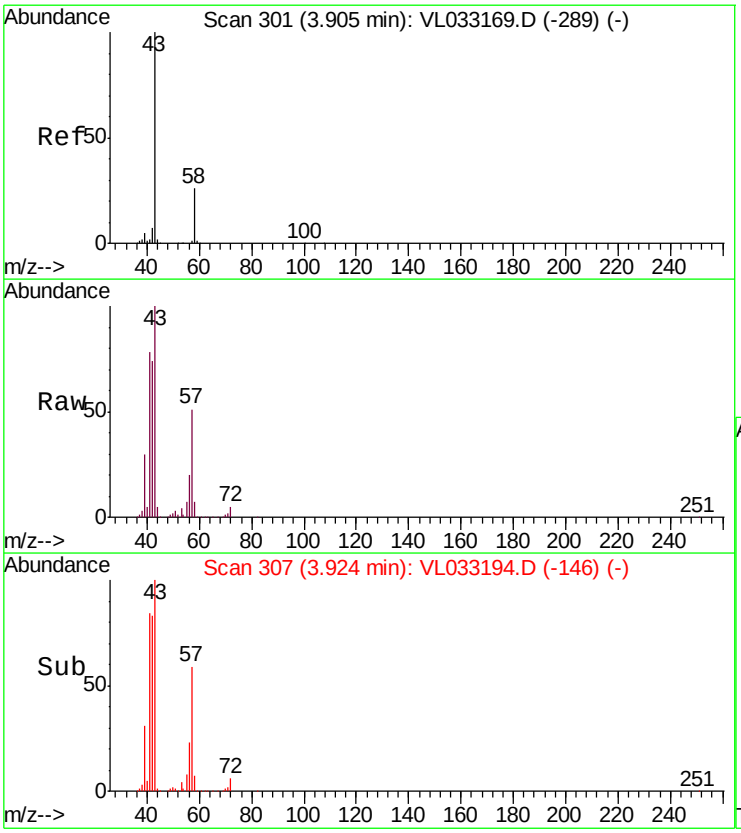
#13
Ethanol
Concen: 10.478 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 45 Resp: 199786

Ion	Ratio	Lower	Upper
45	100		
46	37.6	15.0	60.2

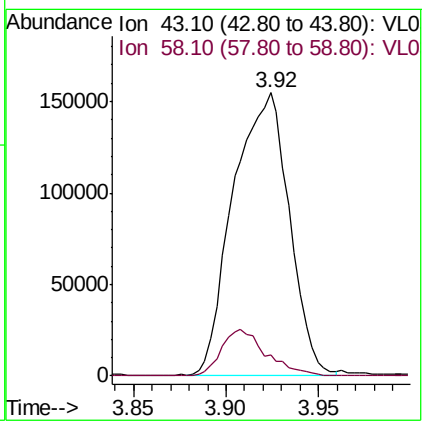


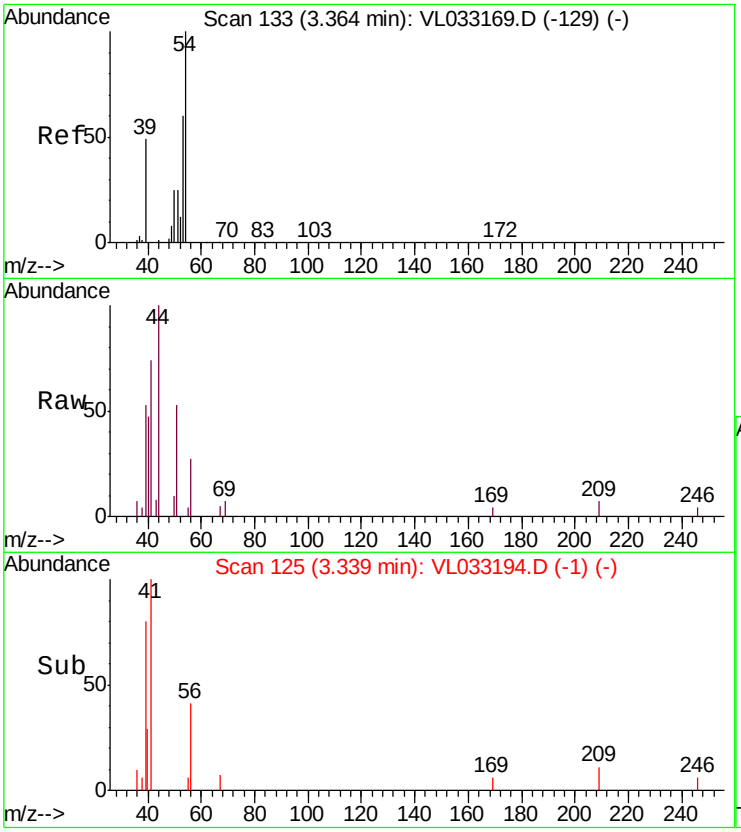


#15
Acetone
Concen: 2.907 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 43 Resp: 321919

Ion	Ratio	Lower	Upper
43	100		
58	13.4	21.1	31.7#



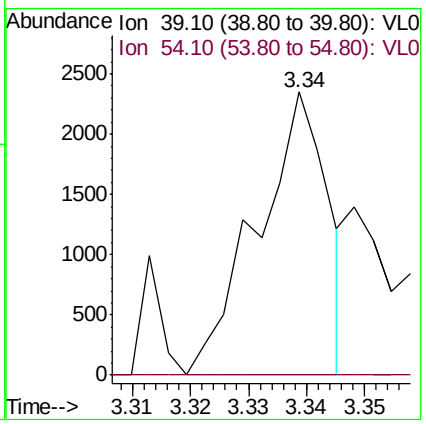


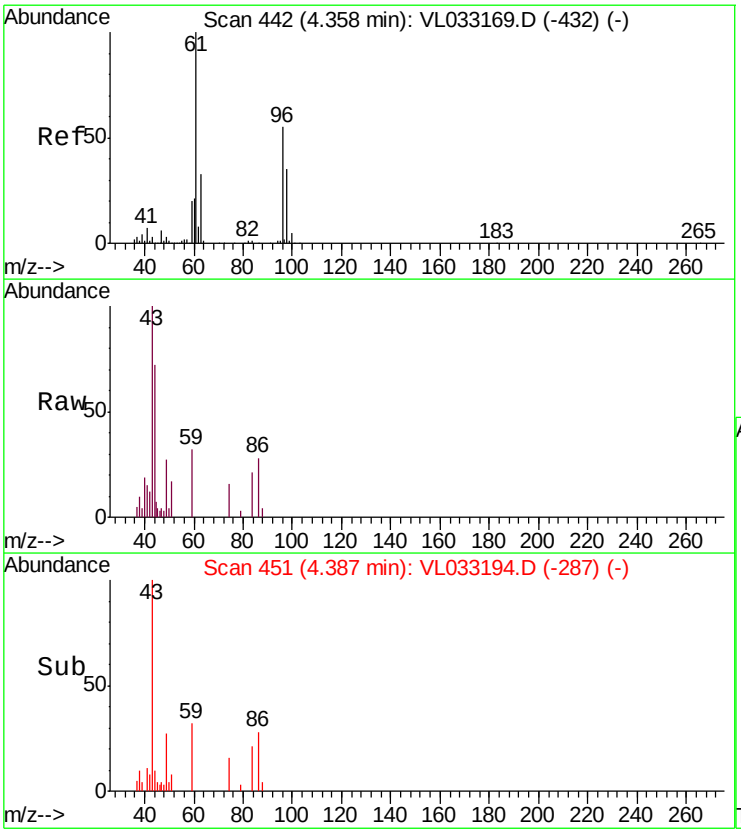
#16
1,3-Butadiene
Concen: 0.038 ppbv
RT: 3.34 min Scan# 125
Delta R.T. -0.03 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 39 Resp: 1979

Ion	Ratio	Lower	Upper
39	100		
54	49.4	71.3	106.9#

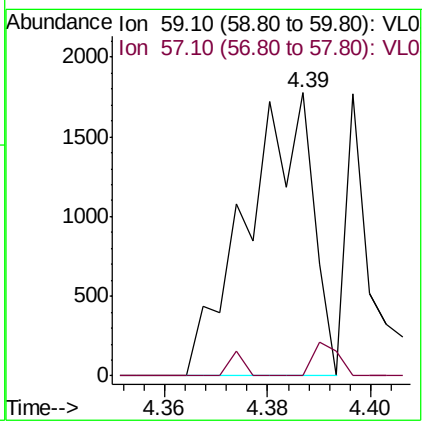


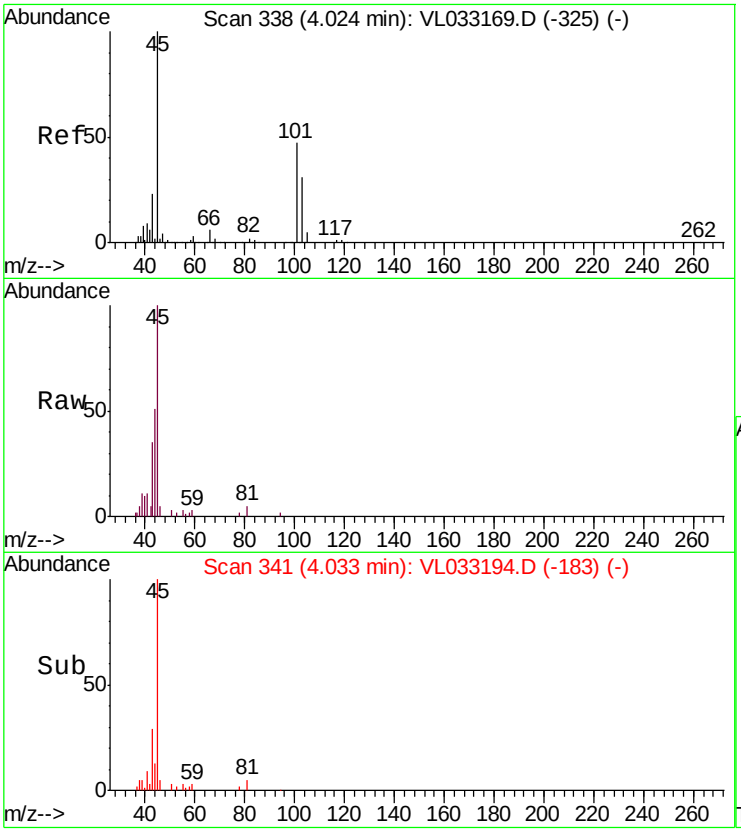


#17
tert-Butyl alcohol
Concen: 0.074 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.03 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 59 Resp: 1569

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



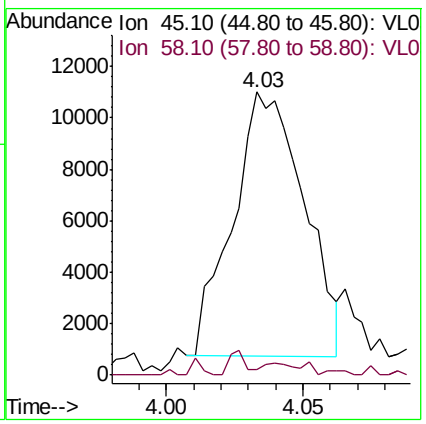


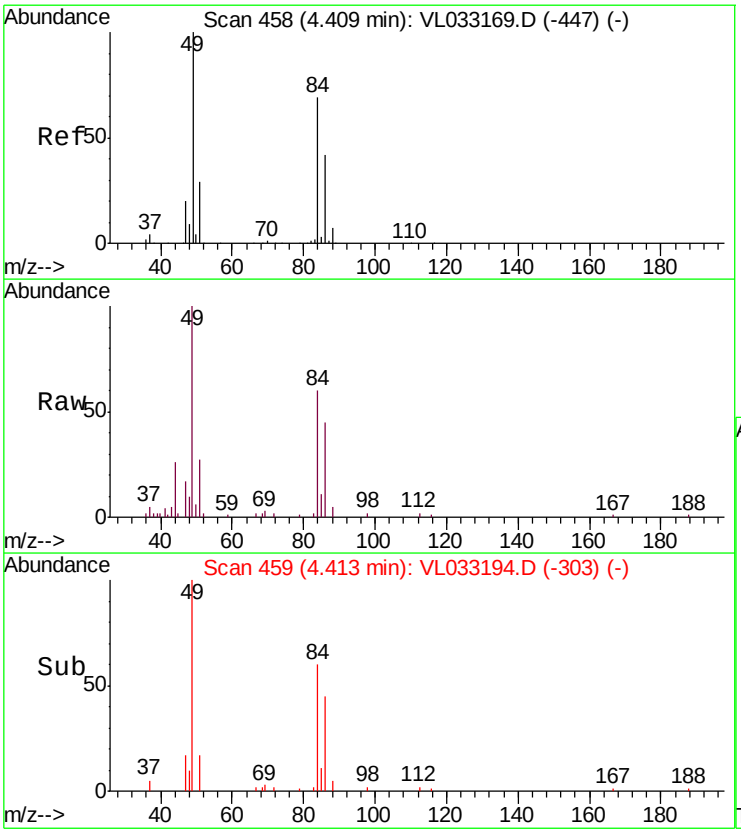
#19
Isopropyl Alcohol
Concen: 0.249 ppbv
RT: 4.03 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument : MSVOA_L
ClientSampleId : FM-IADL

Tgt Ion: 45 Resp: 18674

Ion	Ratio	Lower	Upper
45	100		
58	231.8	1.5	2.3#

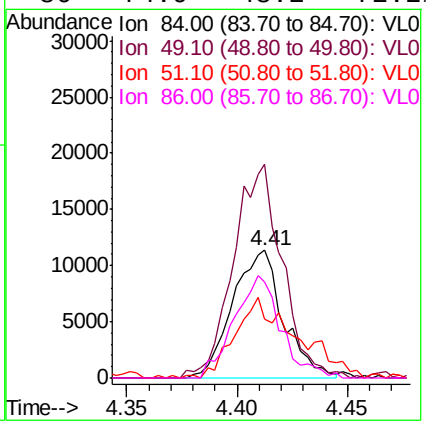


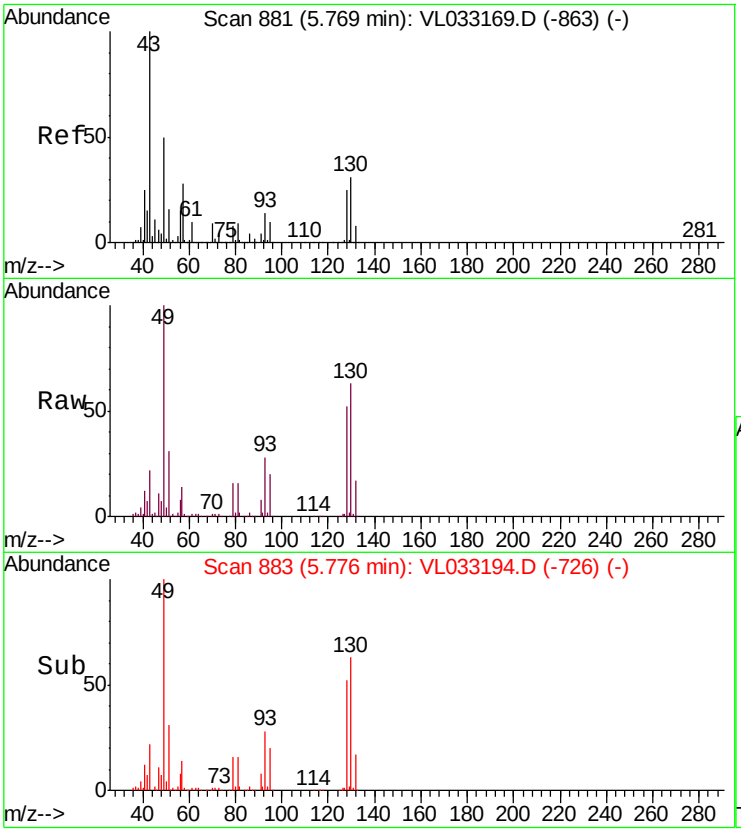


#20
Methylene Chloride
Concen: 0.414 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 84 Resp: 18225

Ion	Ratio	Lower	Upper
84	100		
49	162.2	115.8	173.8
51	43.9	33.0	49.6
86	74.9	48.2	72.2#



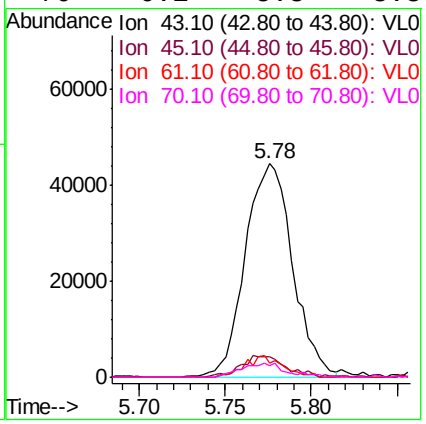


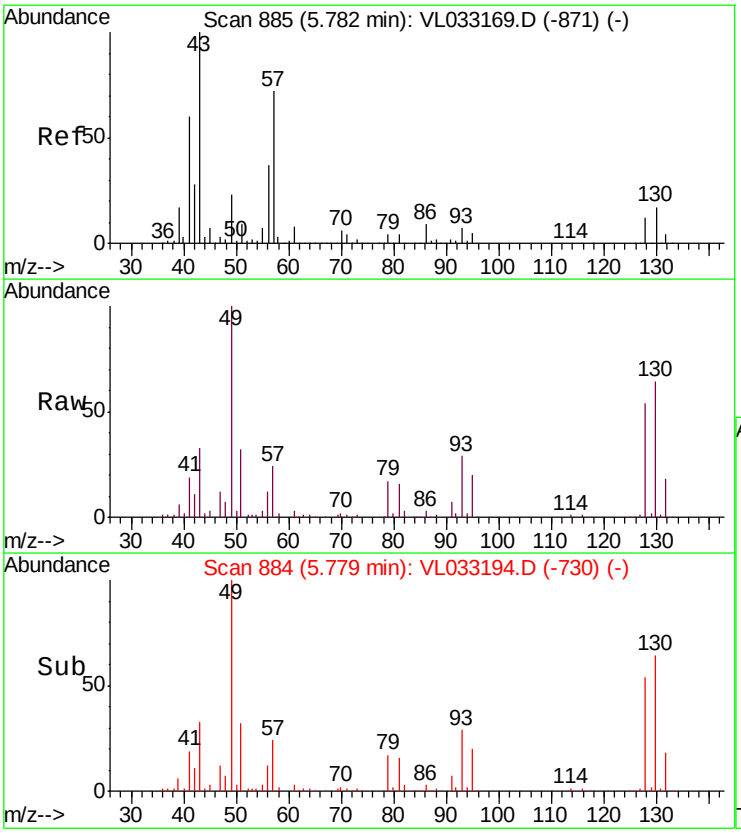
#25
Ethyl Acetate
Concen: 0.342 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 43 Resp: 85139

Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.9	11.9
61	8.2	7.5	11.3
70	6.1	5.8	8.8

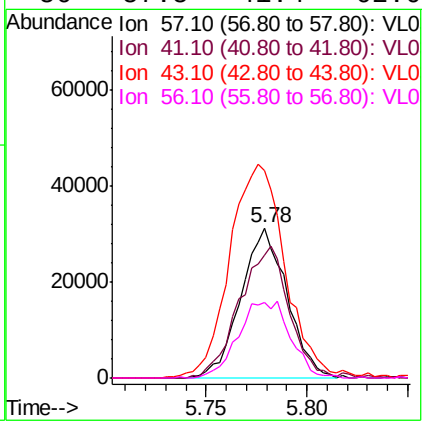


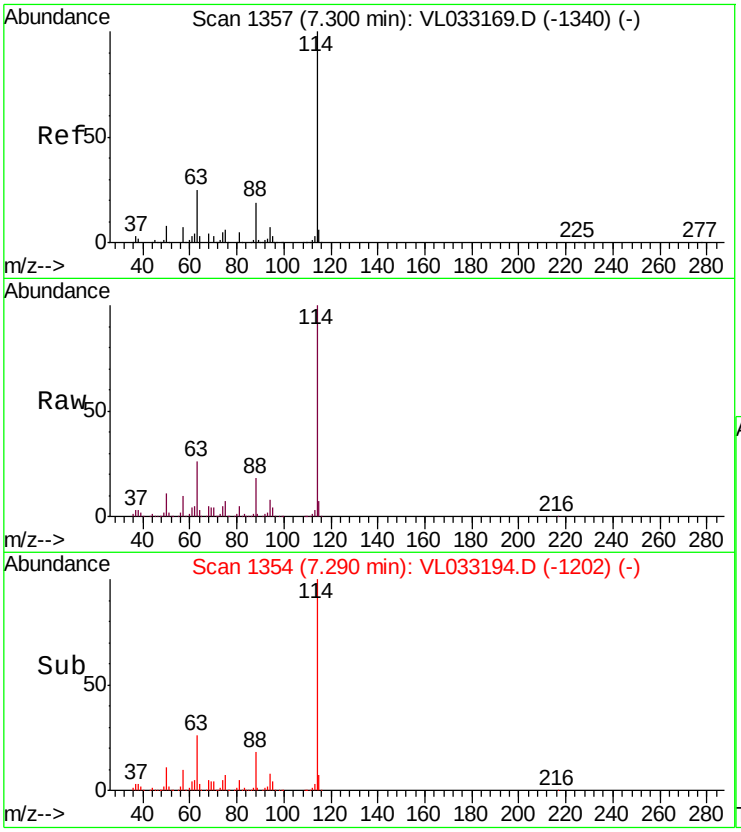


#26
Hexane
Concen: 0.429 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 57 Resp: 50192

Ion	Ratio	Lower	Upper
57	100		
41	95.3	69.4	104.2
43	173.6	176.7	265.1#
56	57.5	41.4	62.0



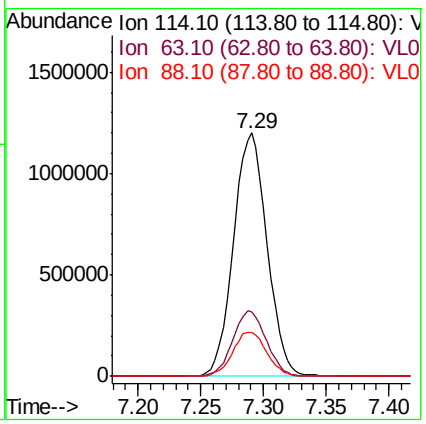


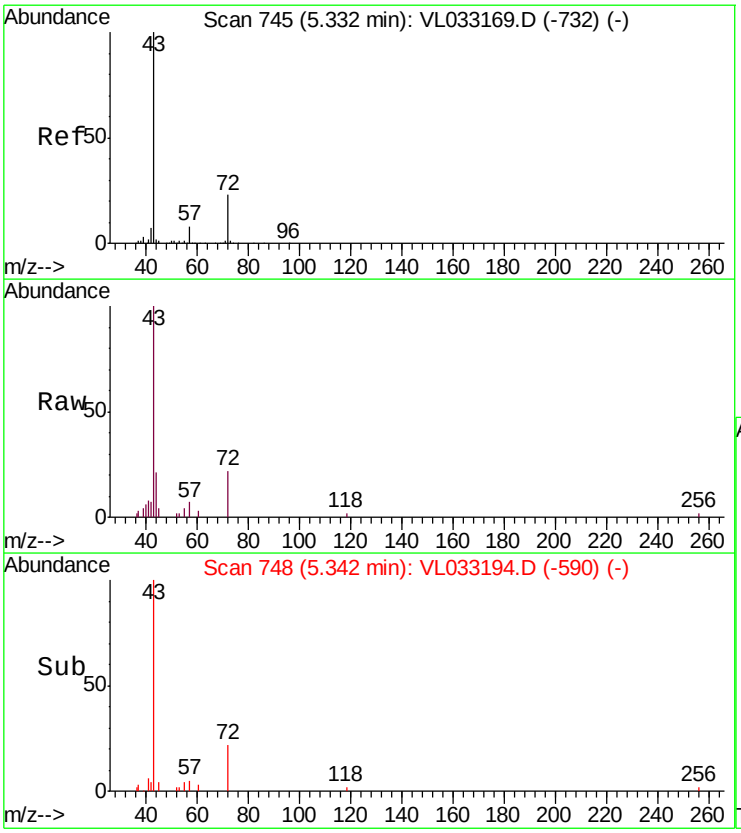
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion:114 Resp: 2238278

Ion	Ratio	Lower	Upper
114	100		
63	26.8	20.8	31.2
88	18.4	14.6	22.0

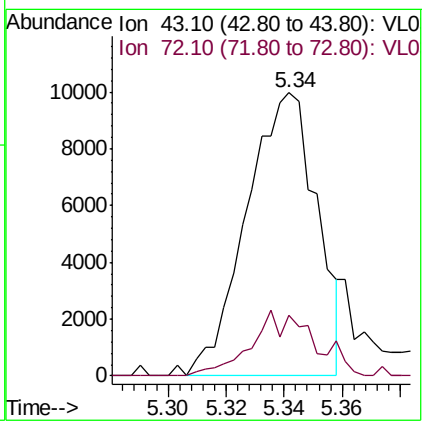


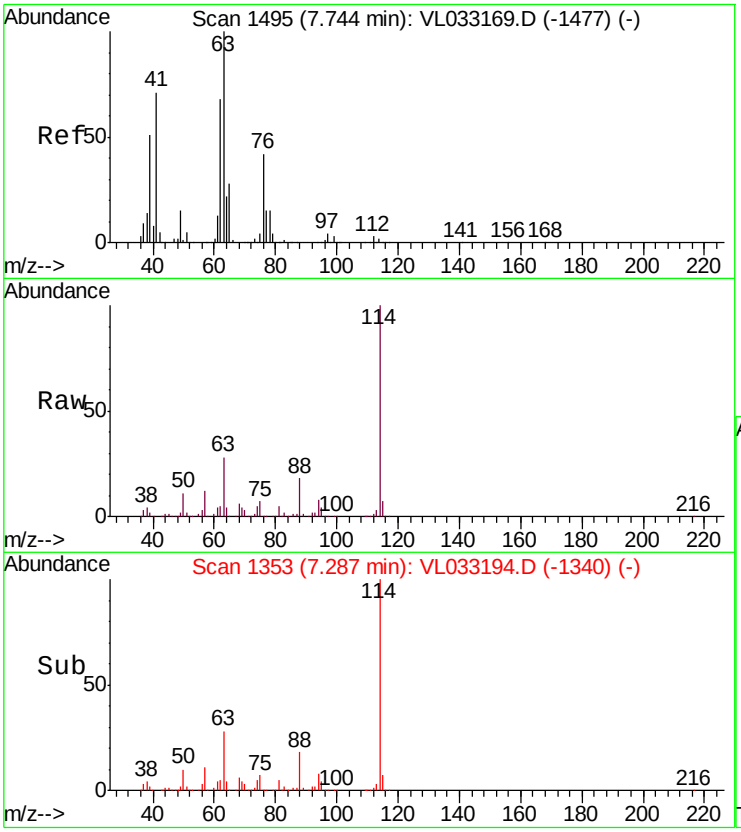


#34
2-Butanone
Concen: 0.118 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.01 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion: 43 Resp: 16766

Ion	Ratio	Lower	Upper
43	100		
72	21.1	17.8	26.6



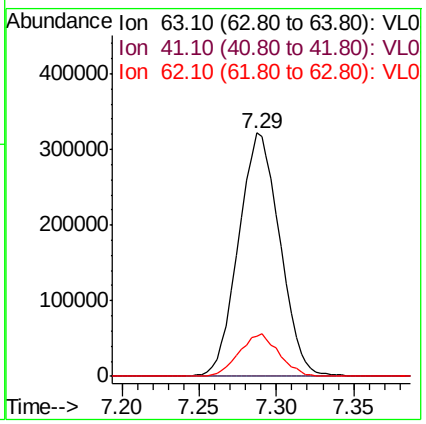


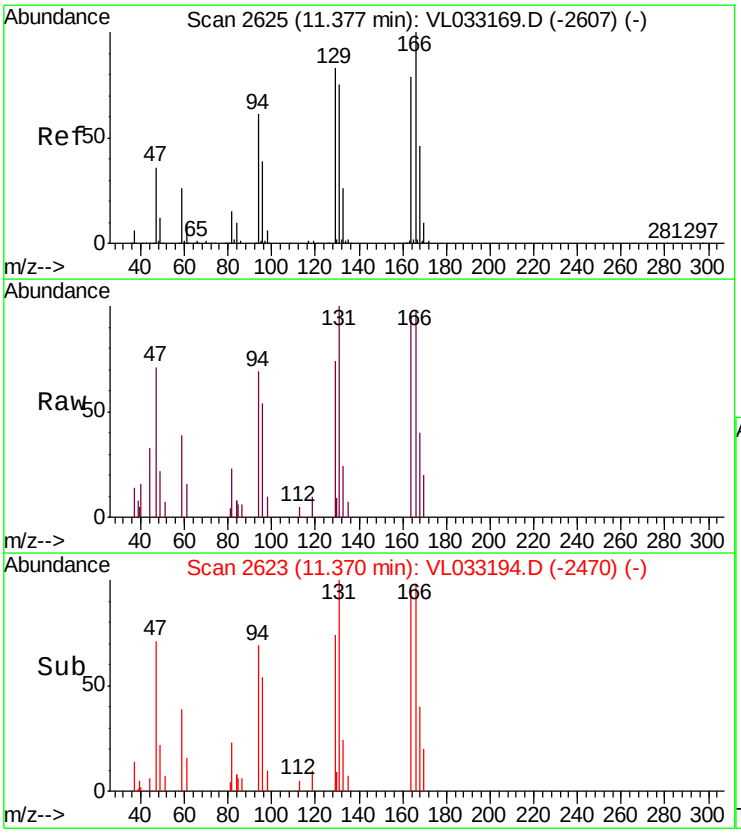
#39
1,2-Dichloropropane
Concen: 6.636 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.46 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument : MSVOA_L
ClientSampleId : FM-IADL

Tgt Ion: 63 Resp: 594509

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.4	84.6#
62	16.4	54.2	81.4#

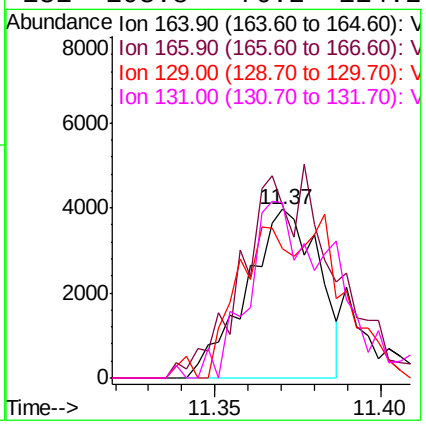


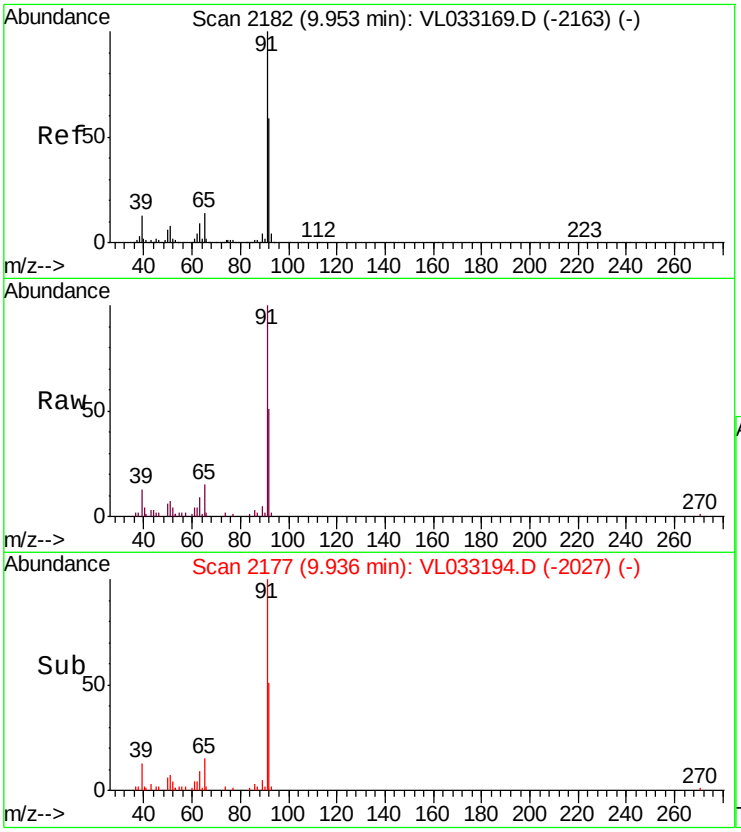


#52
Tetrachloroethene
Concen: 0.069 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion:164 Resp: 6023

Ion	Ratio	Lower	Upper
164	100		
166	96.9	100.9	151.3#
129	63.5	83.9	125.9#
131	103.8	76.2	114.2



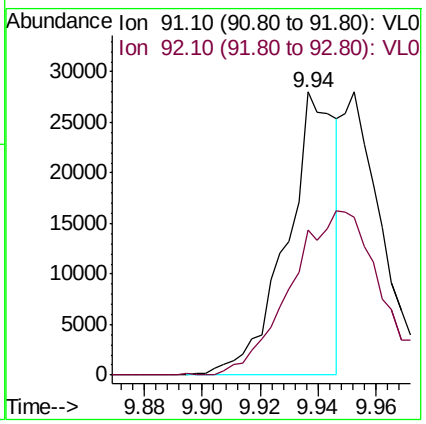


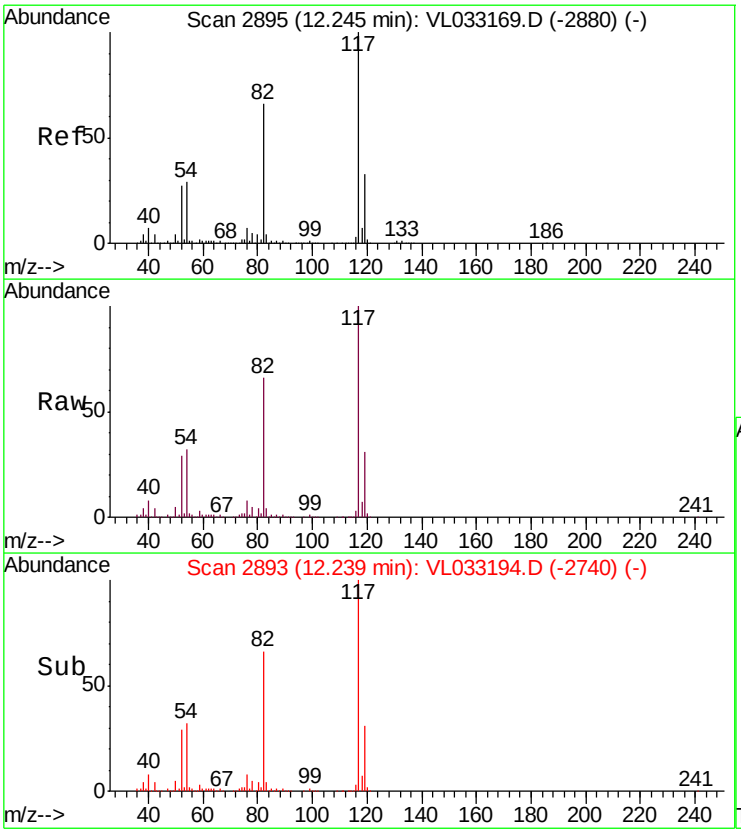
#53
Toluene
Concen: 0.122 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.02 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument : MSVOA_L
ClientSampleId : FM-IADL

Tgt Ion: 91 Resp: 32847

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.0	72.0#

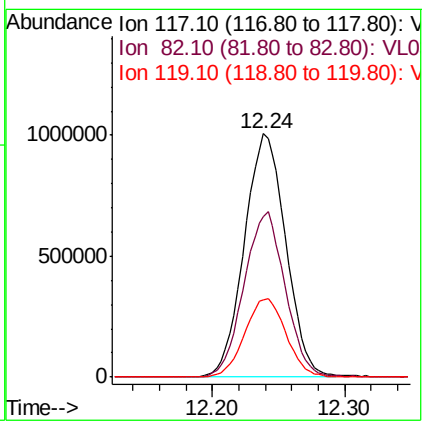


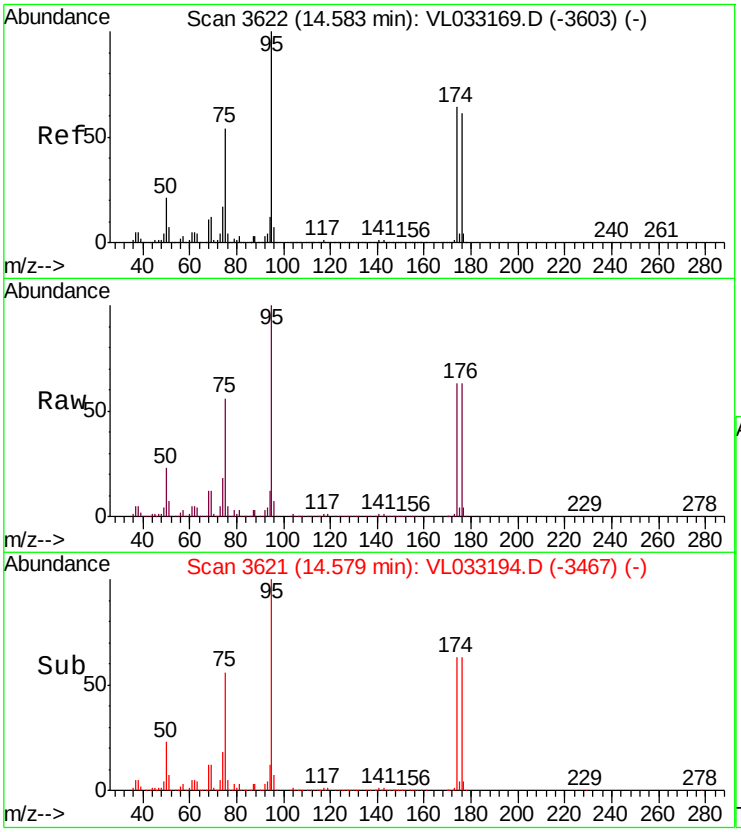


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Tgt Ion:117 Resp: 2185639

Ion	Ratio	Lower	Upper
117	100		
82	67.8	49.5	74.3
119	32.5	24.4	36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.441 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033194.D
Acq: 13 Feb 2019 19:45

Instrument :
MSVOA_L
ClientSampleId :
FM-IADL

Tgt Ion: 95 Resp: 1757430

Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.2	76.8
175	4.5	3.8	5.6