Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033748.D
Acq On : 22 May 2019 17:30
Operator : SY/AP
Sample : K2929-10DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-ODA-3002-04DL

Quant Time: May 23 04:22:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	999291	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2281103	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.23	117	2257125	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1795570	9.81	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	8552	0.041	ppbv #	85
3) Chlorodifluoromethane	2.99	51	10266	0.090	ppbv #	78
4) Chloromethane	3.16	50	5977	0.091	ppbv	99
9) Propene	3.03	41	13858	0.285	ppbv	95
11) Trichlorofluoromethane	3.99	101	4738	0.024	ppbv #	81
12) 1,1,2-Trichlorotrifluoroet	4.54	101	4166	0.030	ppbv #	13
13) Ethanol	3.64	45	144261	9.167	ppbv	99
15) Acetone	3.90	43	460569	3.322	ppbv	93
16) 1,3-Butadiene	3.33	39	39699	0.719	ppbv #	12
17) tert-Butyl alcohol	4.37	59	32546	0.290	ppbv #	90
19) Isopropyl Alcohol	4.03	45	14349	0.161	ppbv #	94
20) Methylene Chloride	4.40	84	15860	0.297	ppbv #	83
23) Vinyl Acetate	5.14	43	14973	0.082	ppbv #	84
25) Ethyl Acetate	5.76	43	39182	0.161	ppbv #	93
26) Hexane	5.77	57	11502	0.110	ppbv #	41
31) cis-1,2-Dichloroethene	5.76	61	2020	0.019	ppbv #	48
34) 2-Butanone	5.33	43	18081	0.128	ppbv #	82
39) 1,2-Dichloropropane	7.28	63	587564	7.595	ppbv #	22

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

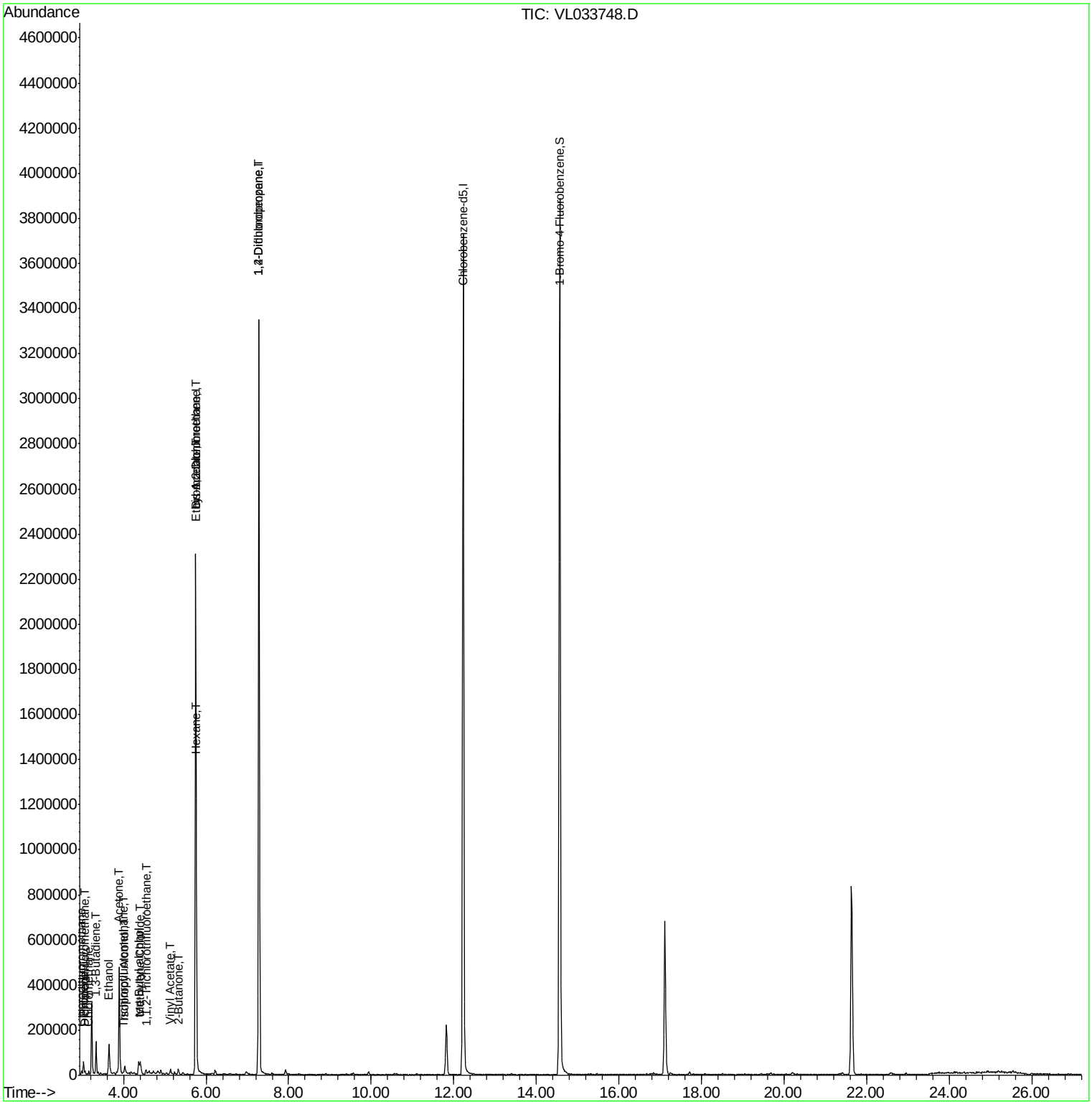
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

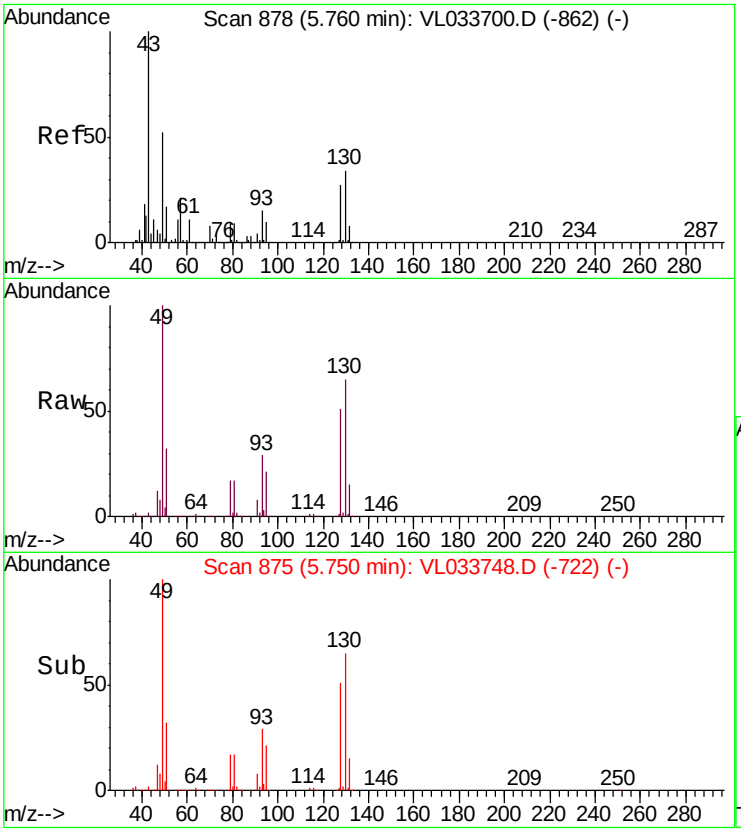
Quantitation Report (Not Reviewed)

Data File : VL033748.D
Acq On : 22 May 2019 17:30
Operator : SY/AP
Sample : K2929-10DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-ODA-3002-04DL

Quant Time: May 23 04:22:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



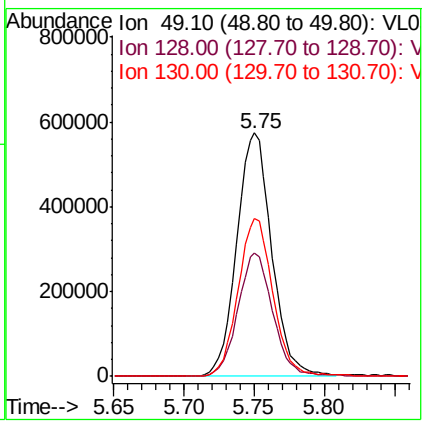


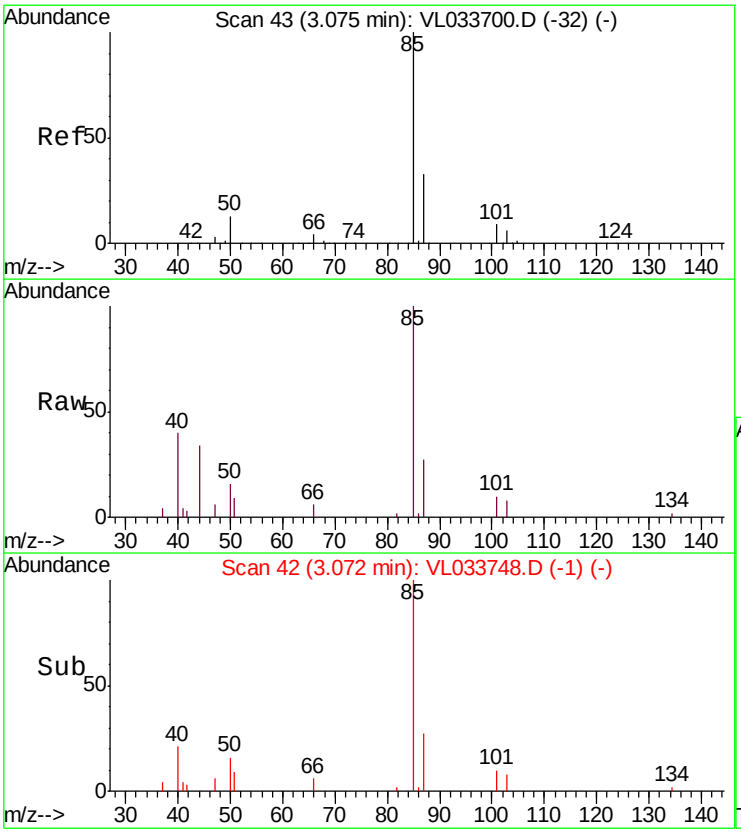
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 875
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 49 Resp: 999291

Ion	Ratio	Lower	Upper
49	100		
128	51.0	25.2	75.6
130	65.1	32.5	97.5

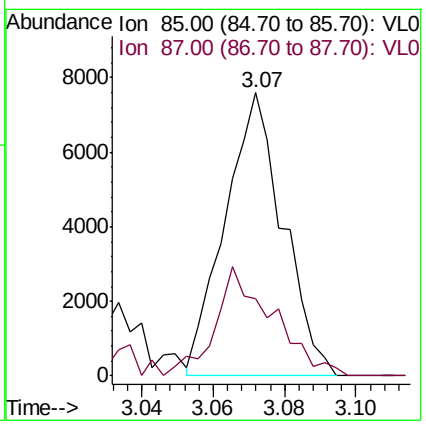


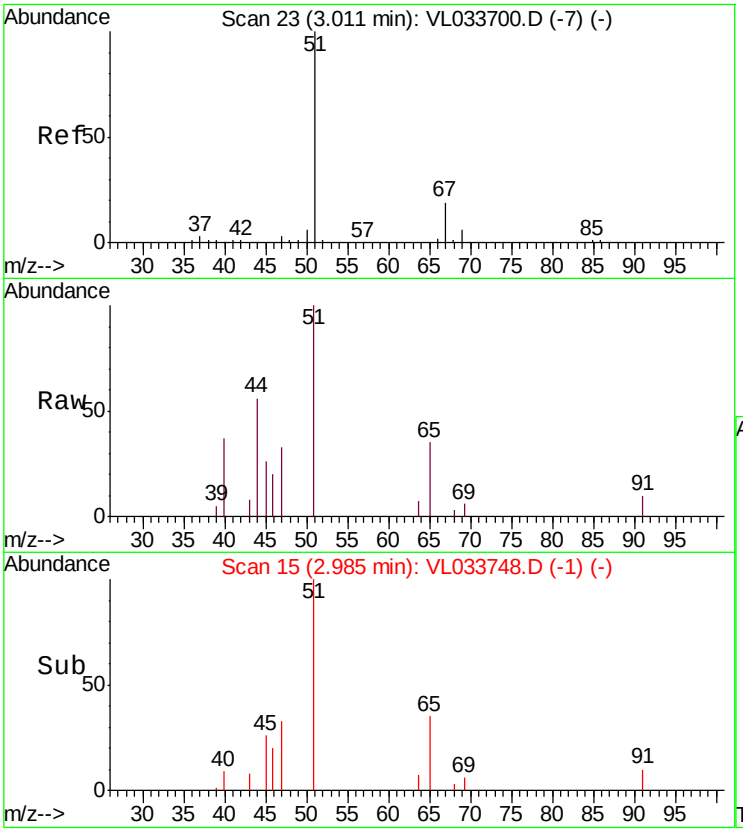


#2
Dichlorodifluoromethane
Concen: 0.041 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 85 Resp: 8552

Ion	Ratio	Lower	Upper
85	100		
87	24.6	26.3	39.5#



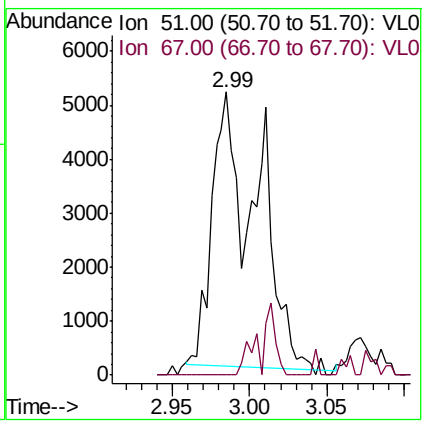


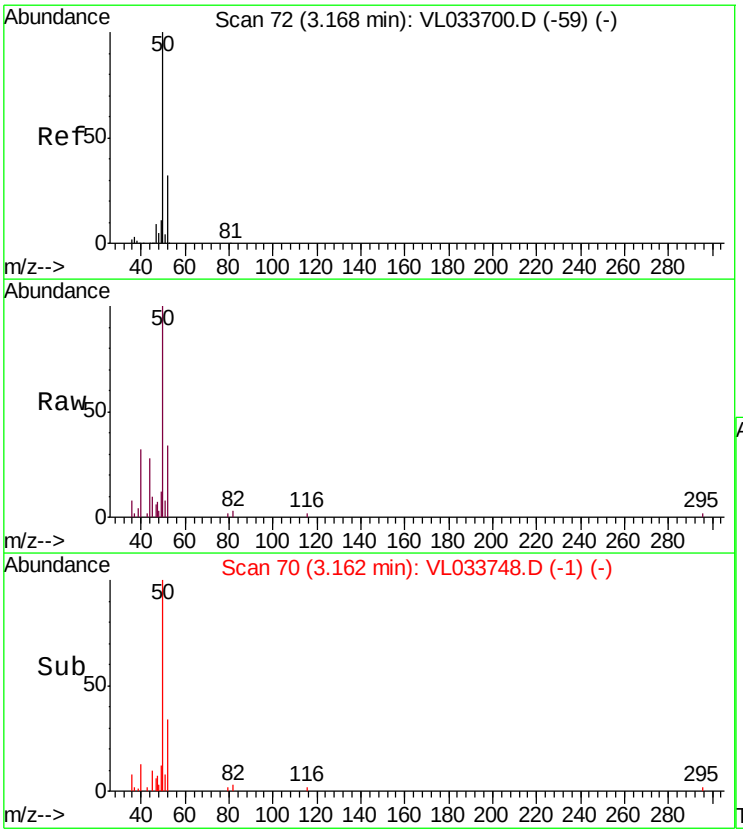
#3
Chlorodifluoromethane
Concen: 0.090 ppbv
RT: 2.99 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 51 Resp: 10266

Ion	Ratio	Lower	Upper
51	100		
67	9.6	15.6	23.4#

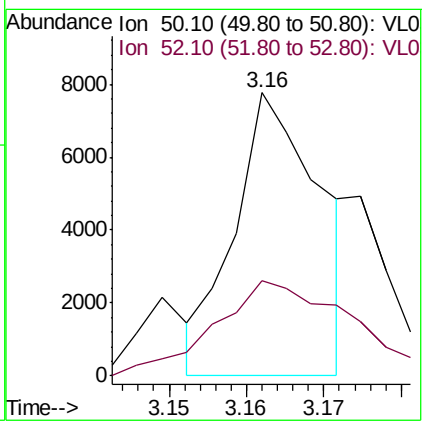


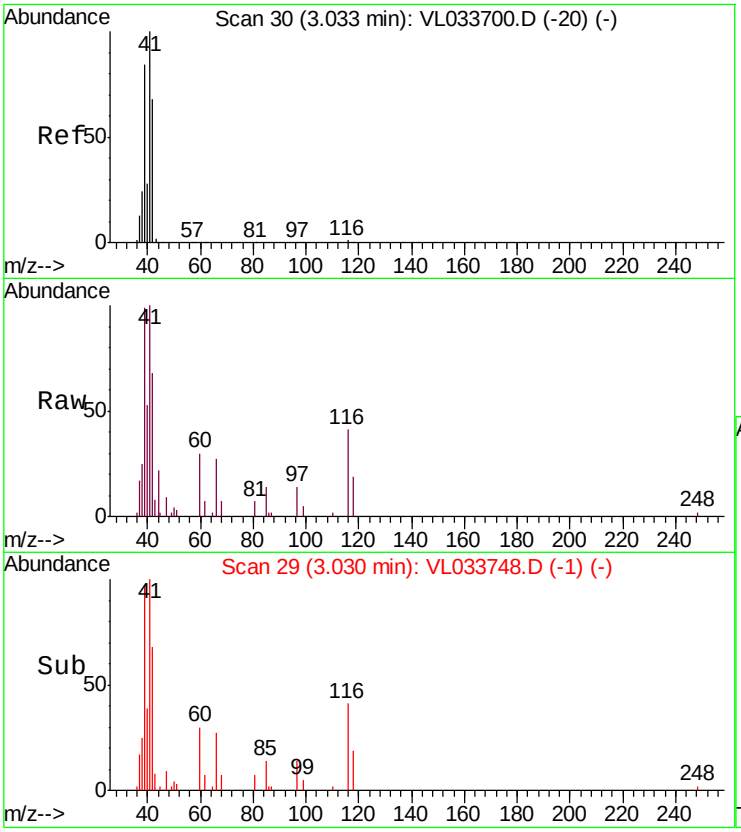


#4
Chloromethane
Concen: 0.091 ppbv
RT: 3.16 min Scan# 70
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 50 Resp: 5977

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.7	38.5



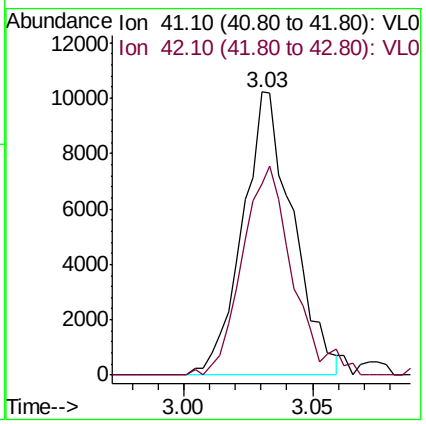


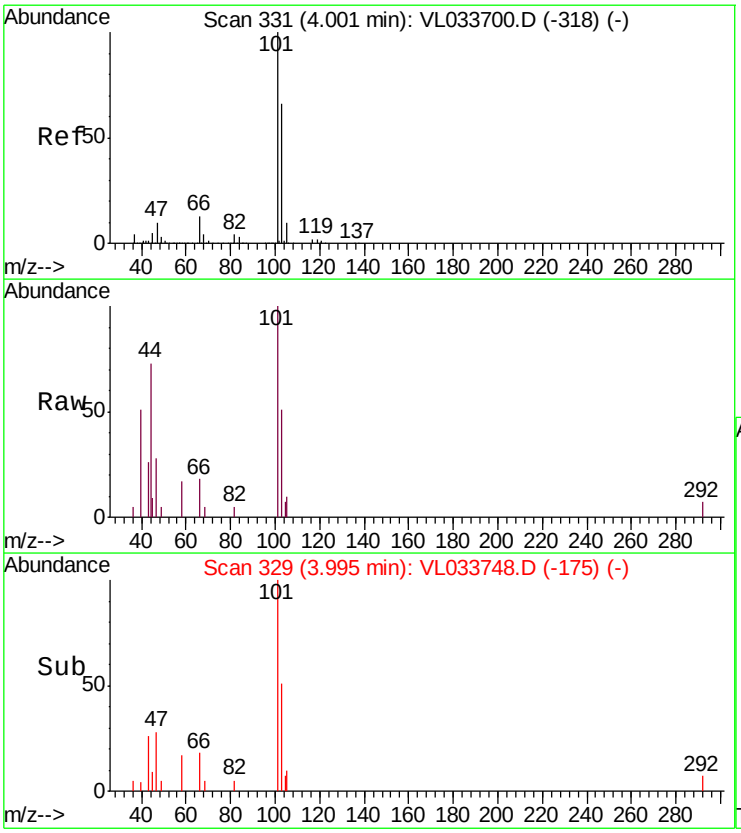
#9
Propene
Concen: 0.285 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 41 Resp: 13858

Ion	Ratio	Lower	Upper
41	100		
42	74.0	56.1	84.1

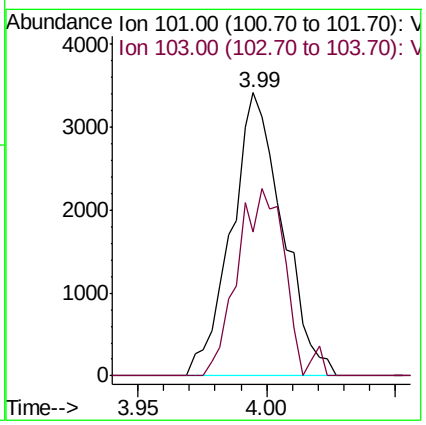


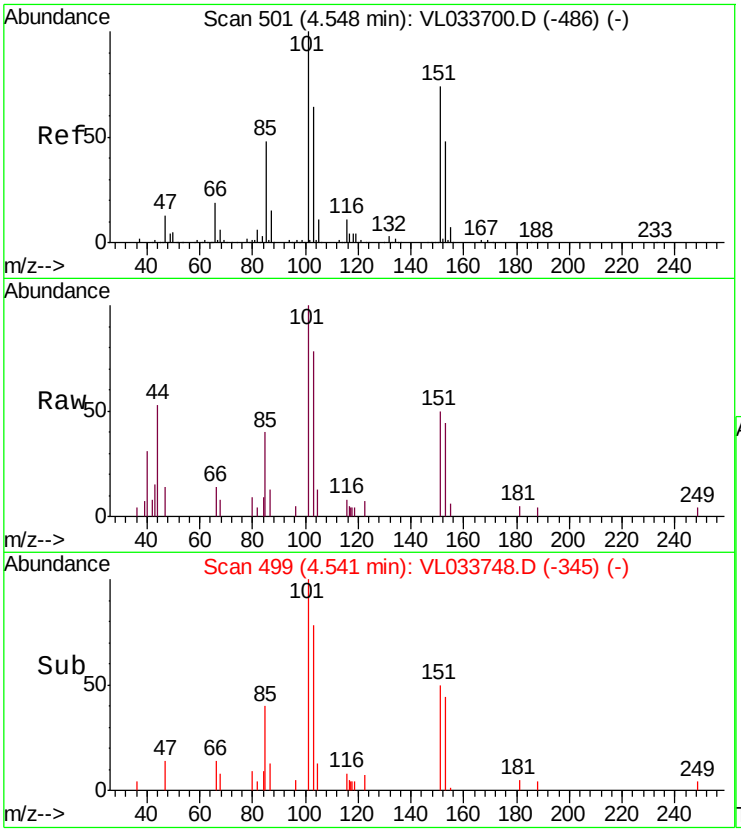


#11
Trichlorofluoromethane
Concen: 0.024 ppbv
RT: 3.99 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion:101 Resp: 4738

Ion	Ratio	Lower	Upper
101	100		
103	50.8	52.6	78.8#



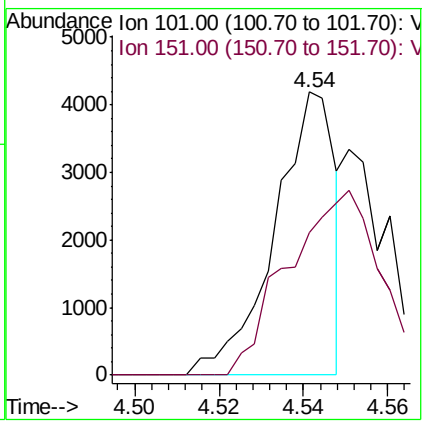


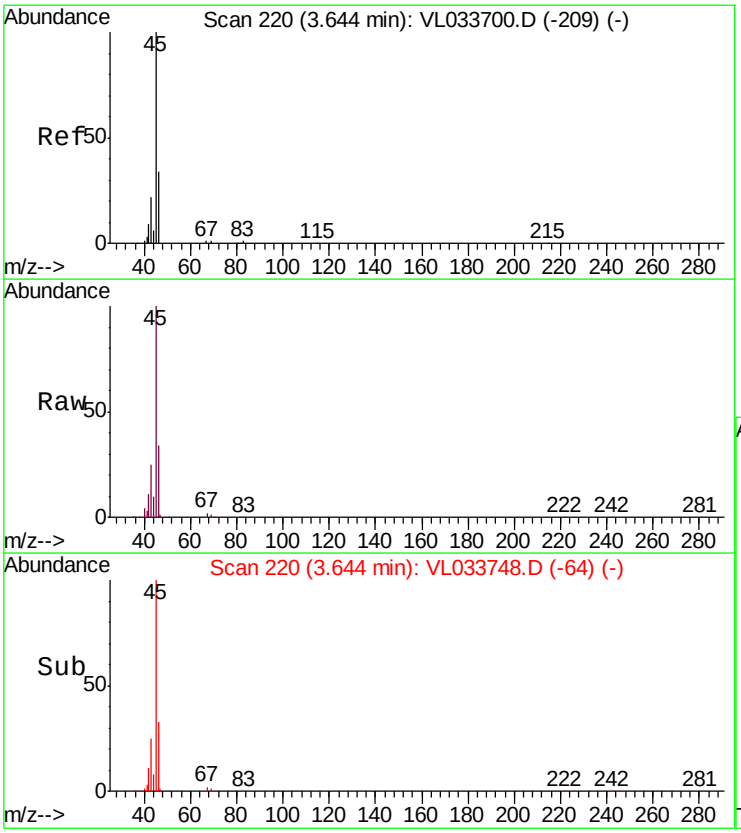
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.030 ppbv
RT: 4.54 min Scan# 499
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion:101 Resp: 4166

Ion	Ratio	Lower	Upper
101	100		
151	0.0	58.2	87.4#

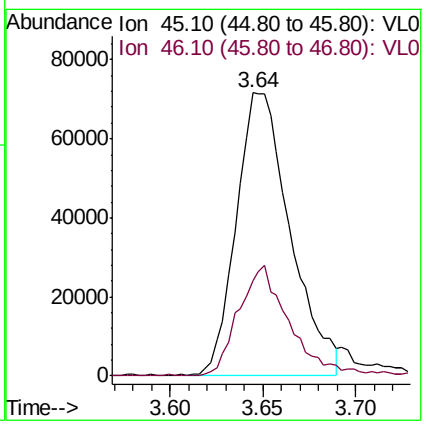


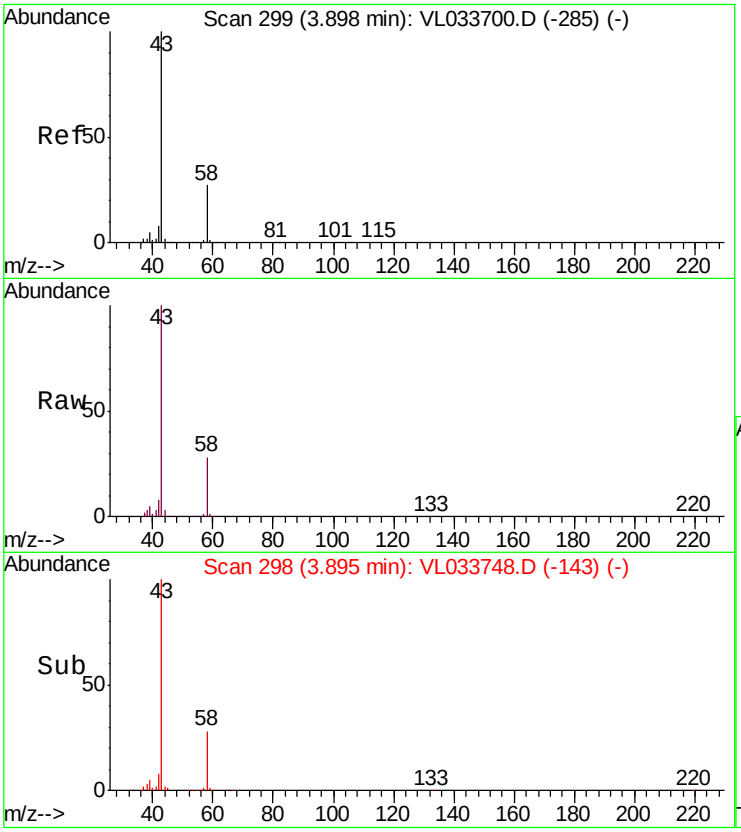


#13
Ethanol
Concen: 9.167 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 45 Resp: 144261

Ion	Ratio	Lower	Upper
45	100		
46	37.4	14.8	59.0



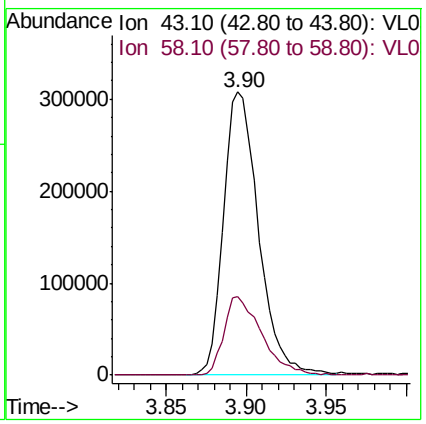


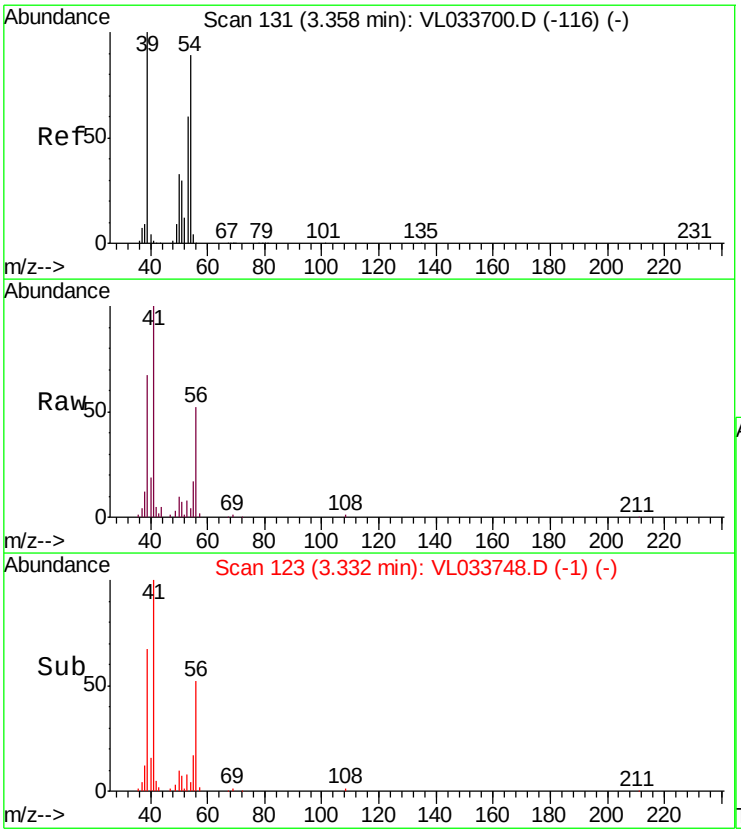
#15
Acetone
Concen: 3.322 ppbv
RT: 3.90 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 43 Resp: 460569

Ion	Ratio	Lower	Upper
43	100		
58	30.0	21.3	31.9

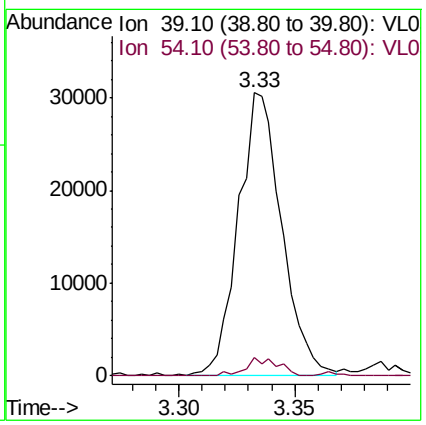


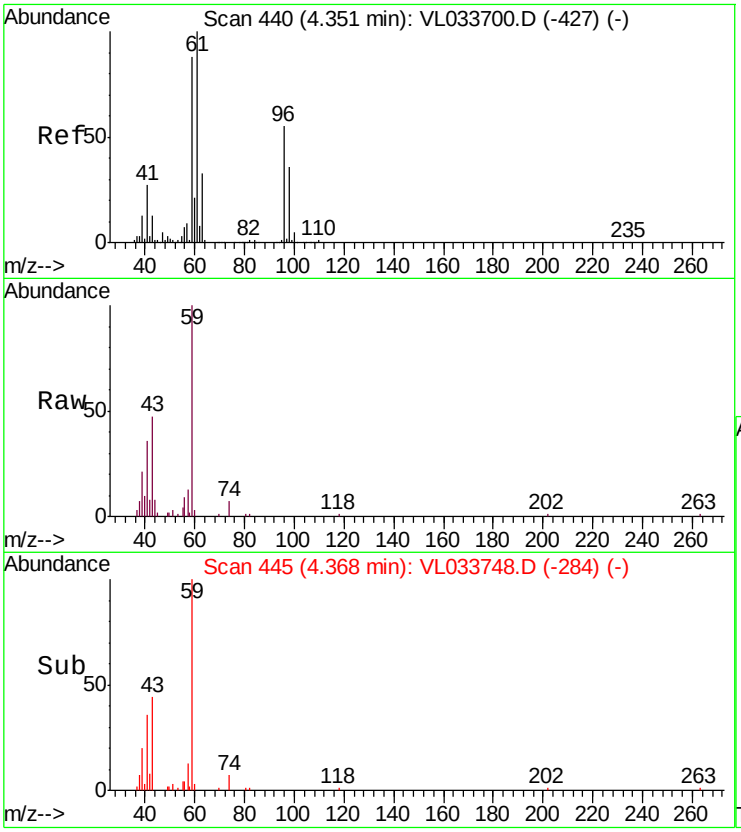


#16
1,3-Butadiene
Concen: 0.719 ppbv
RT: 3.33 min Scan# 123
Delta R.T. -0.03 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 39 Resp: 39699

Ion	Ratio	Lower	Upper
39	100		
54	5.3	69.0	103.6#



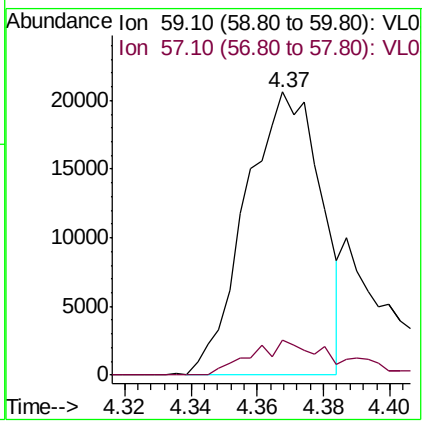


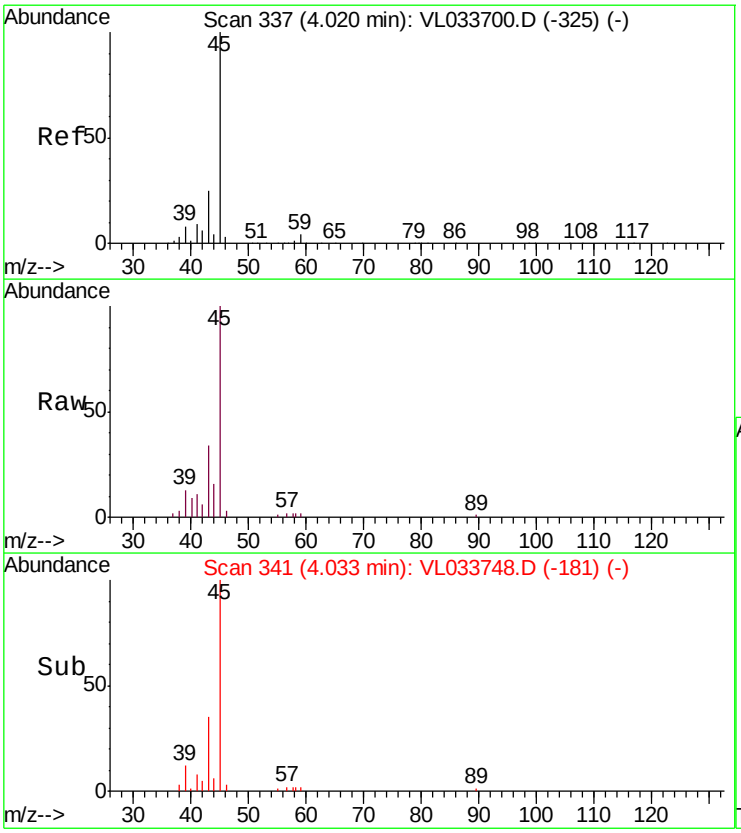
#17
tert-Butyl alcohol
Concen: 0.290 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.02 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 59 Resp: 32546

Ion	Ratio	Lower	Upper
59	100		
57	14.1	8.4	12.6#

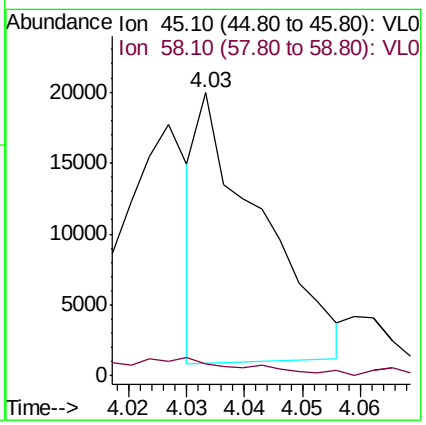


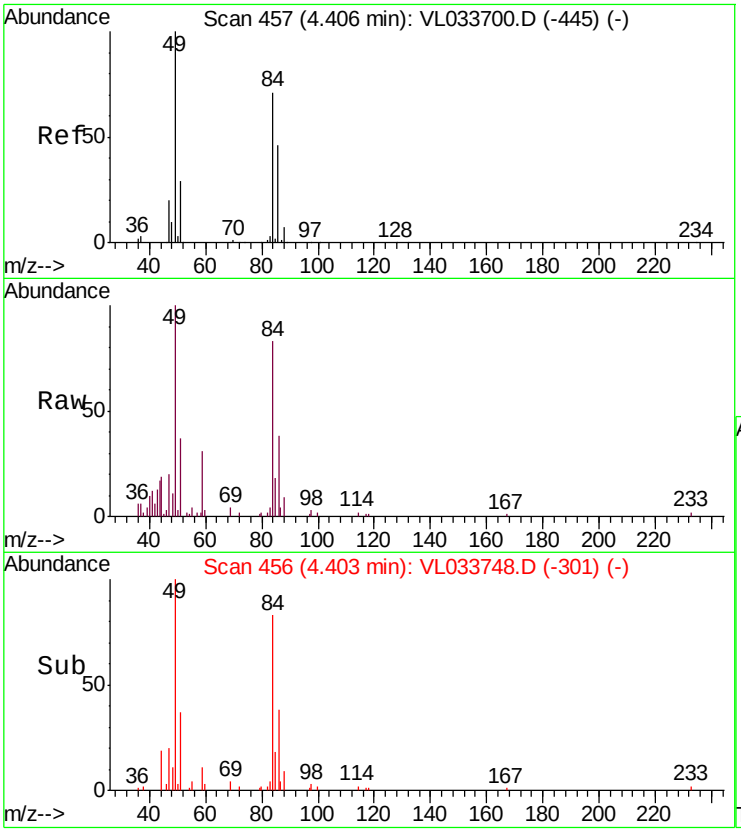


#19
Isopropyl Alcohol
Concen: 0.161 ppbv
RT: 4.03 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 45 Resp: 14349

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



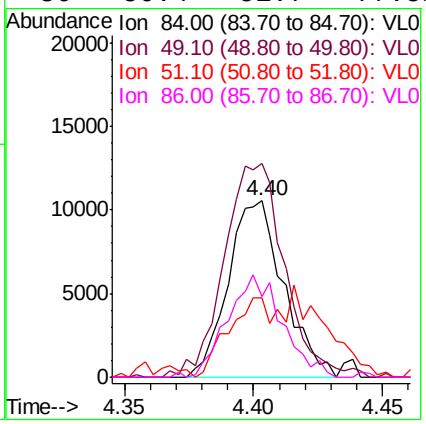


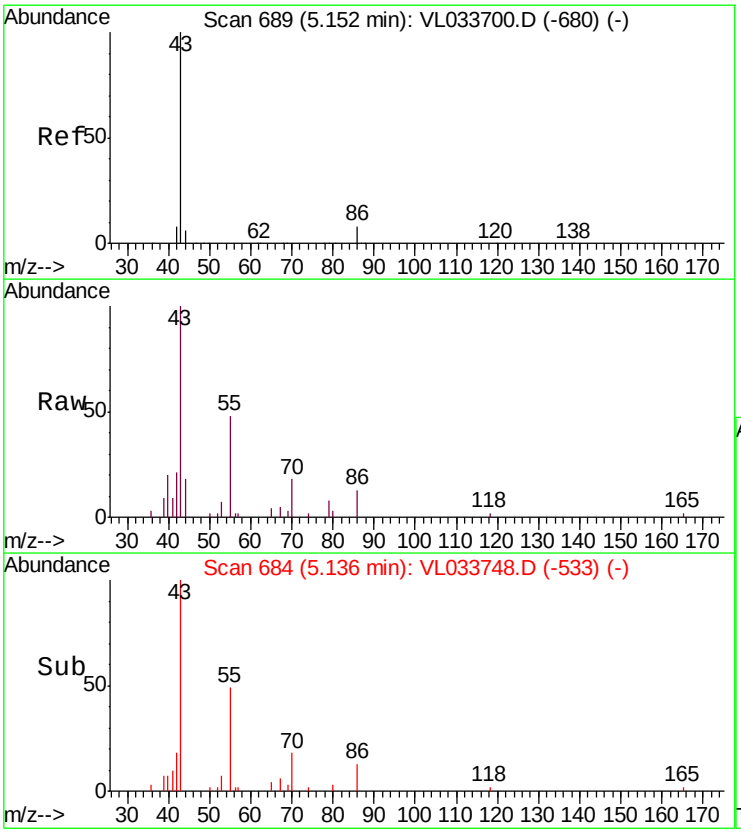
#20
Methylene Chloride
Concen: 0.297 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 84 Resp: 15860

Ion	Ratio	Lower	Upper
84	100		
49	116.3	112.8	169.2
51	40.5	33.4	50.0
86	50.4	51.7	77.5#

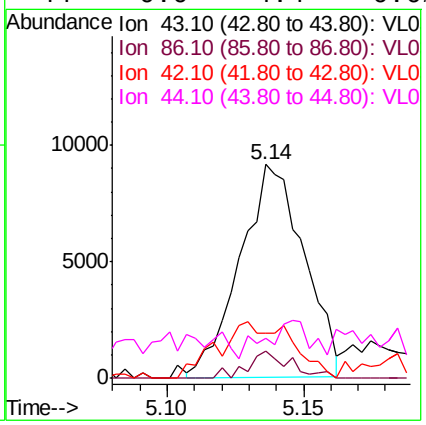


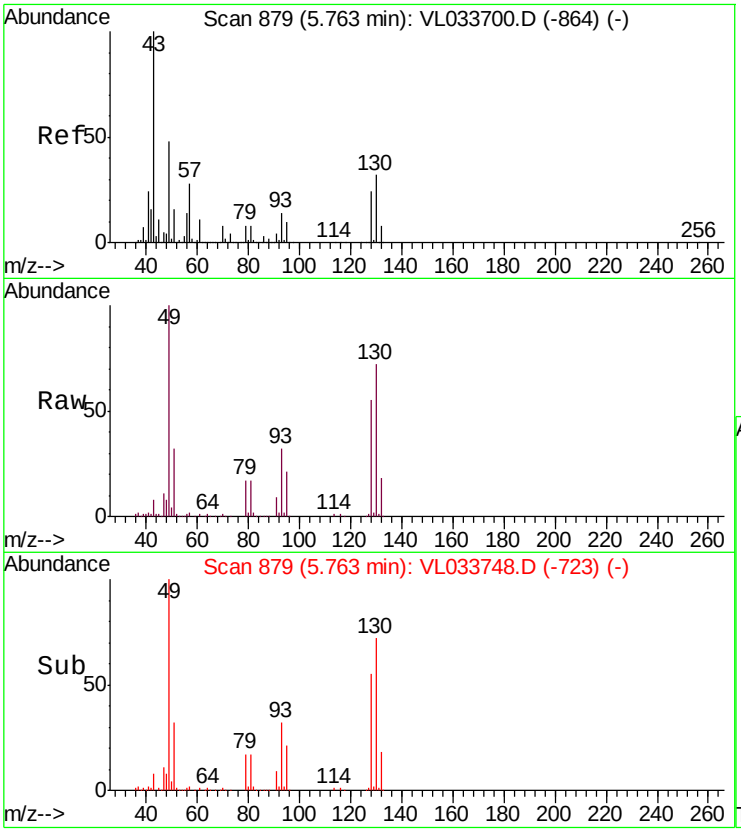


#23
Vinyl Acetate
Concen: 0.082 ppbv
RT: 5.14 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 43 Resp: 14973

Ion	Ratio	Lower	Upper
43	100		
86	12.9	6.0	9.0#
42	14.9	7.5	11.3#
44	0.0	4.4	6.6#



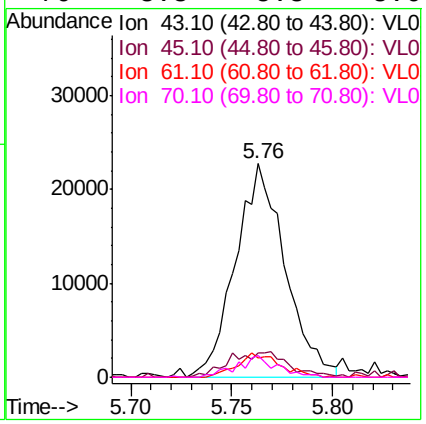


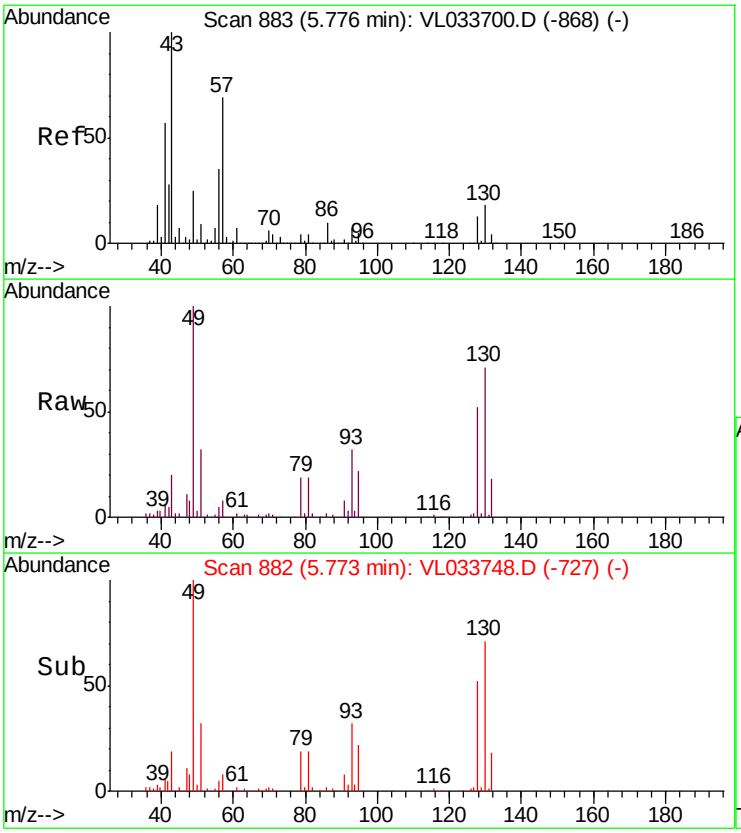
#25
Ethyl Acetate
Concen: 0.161 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 43 Resp: 39182

Ion	Ratio	Lower	Upper
43	100		
45	15.8	7.9	11.9#
61	9.8	7.7	11.5
70	8.3	5.8	8.6

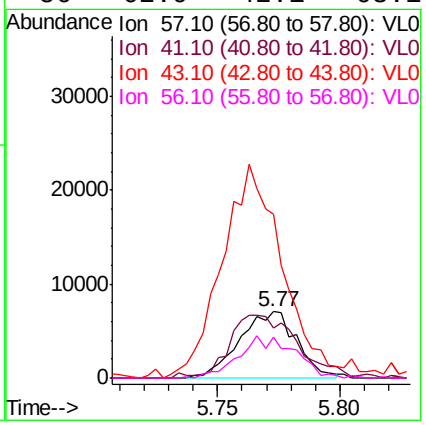


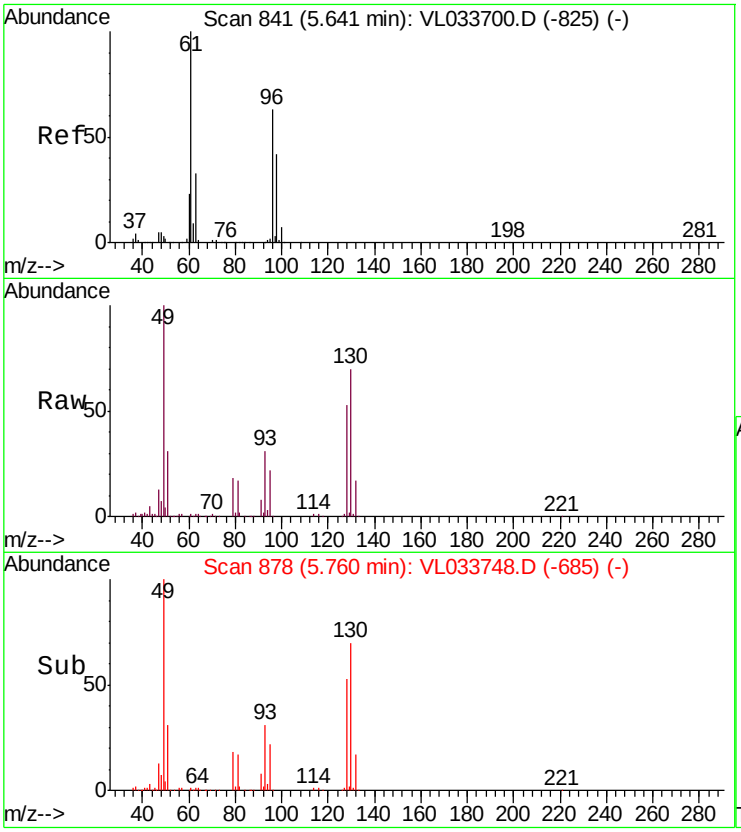


#26
Hexane
Concen: 0.110 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 57 Resp: 11502

Ion	Ratio	Lower	Upper
57	100		
41	114.6	69.8	104.6#
43	360.5	181.8	272.6#
56	62.9	42.1	63.1



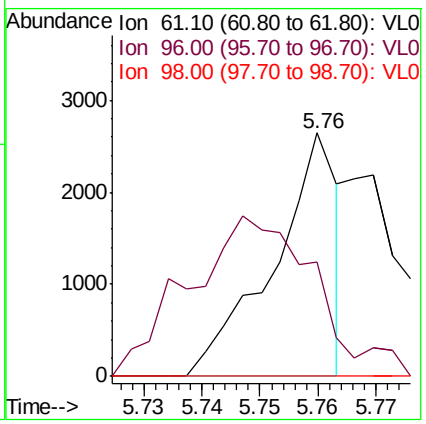


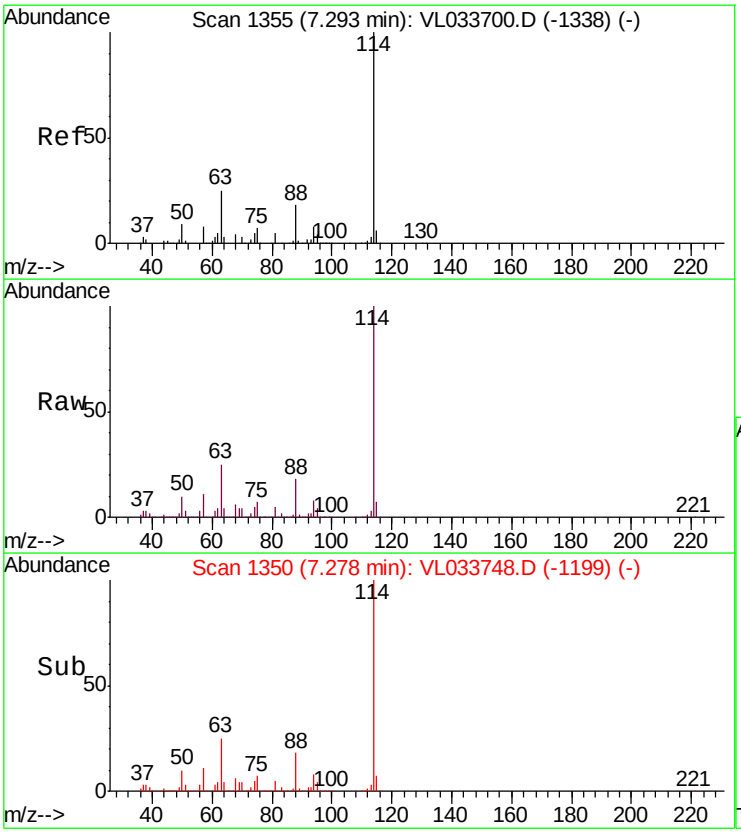
#31
cis-1,2-Dichloroethene
Concen: 0.019 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.12 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 61 Resp: 2020

Ion	Ratio	Lower	Upper
61	100		
96	30.8	50.8	76.2#
98	0.0	33.3	49.9#

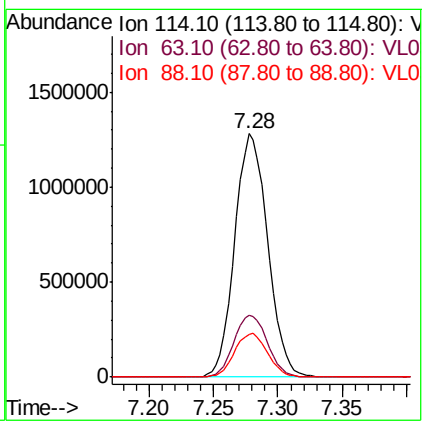


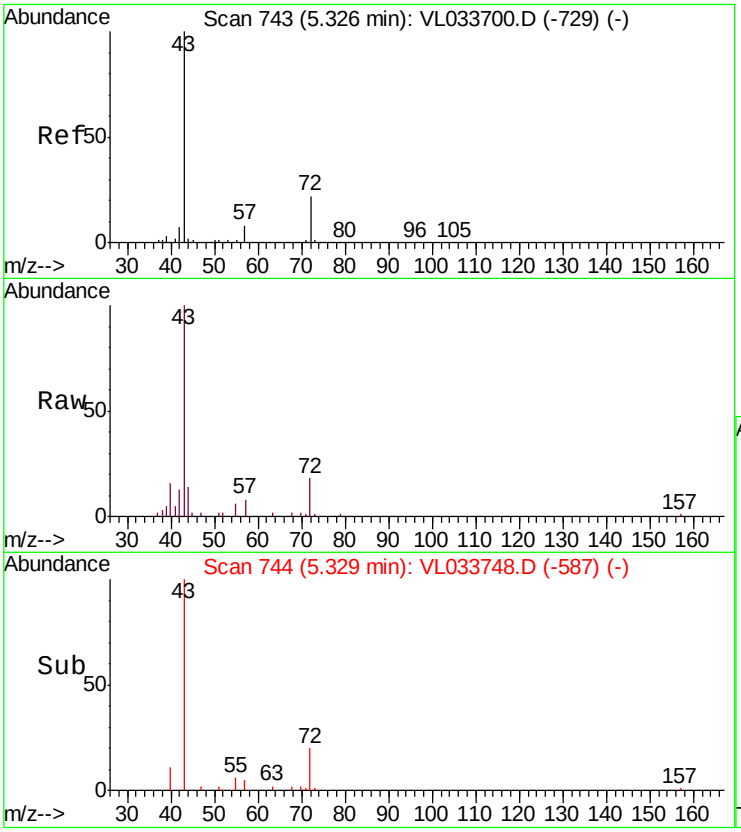


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.02 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion:114 Resp: 2281103

Ion	Ratio	Lower	Upper
114	100		
63	25.9	20.9	31.3
88	18.0	14.3	21.5



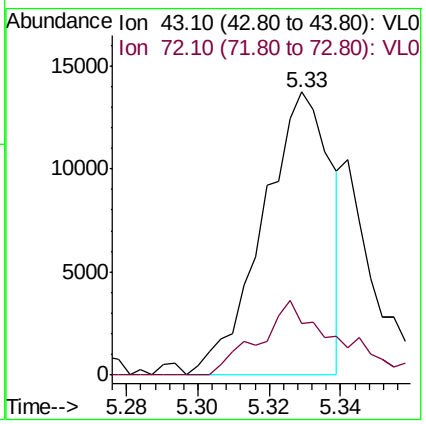


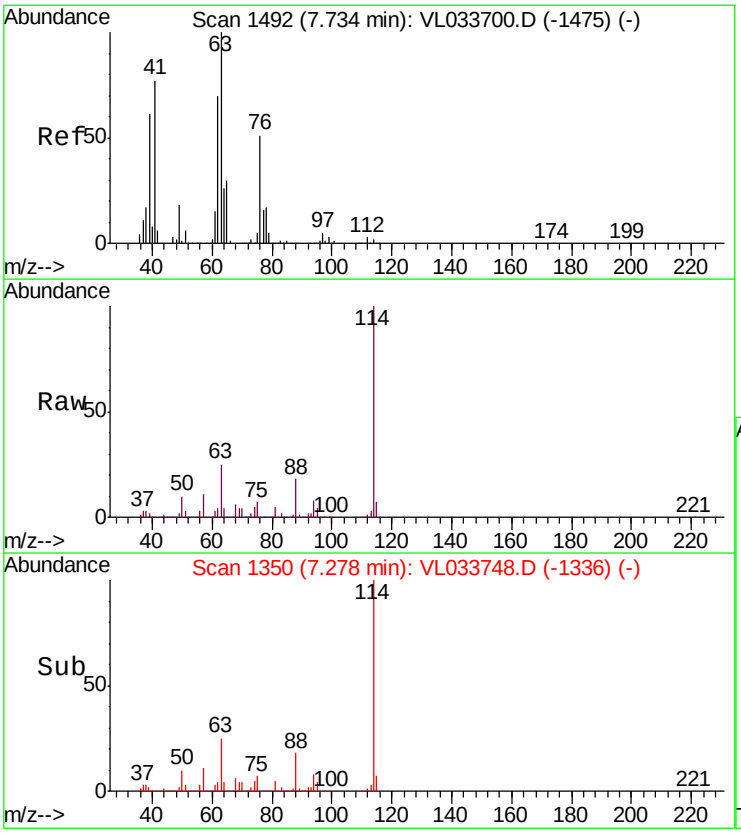
#34
2-Butanone
Concen: 0.128 ppbv
RT: 5.33 min Scan# 744
Delta R.T. 0.00 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion: 43 Resp: 18081

Ion	Ratio	Lower	Upper
43	100		
72	30.9	17.8	26.6#

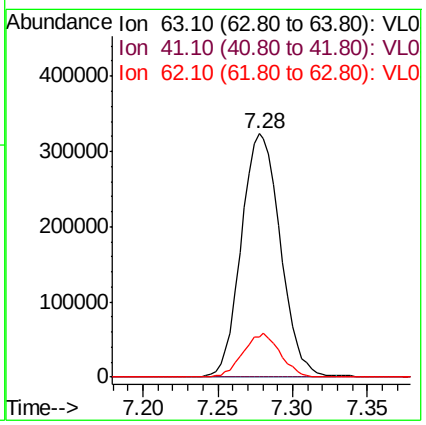


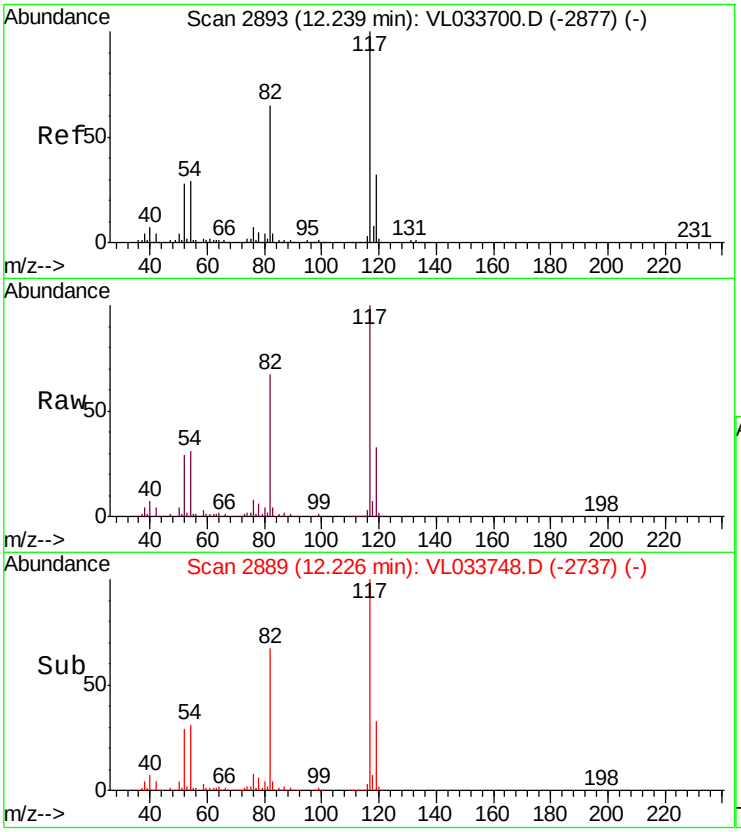


#39
1,2-Dichloropropane
Concen: 7.595 ppbv
RT: 7.28 min Scan# 1350
Delta R.T. -0.46 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 63 Resp: 587564

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.6	56.2	84.4#



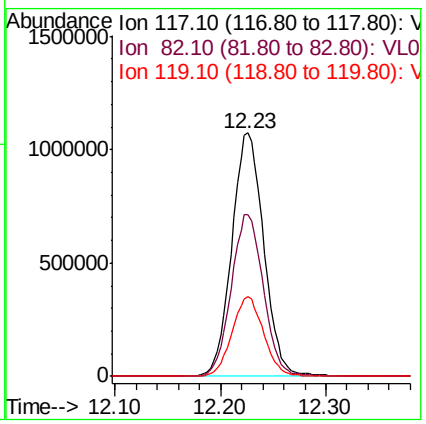


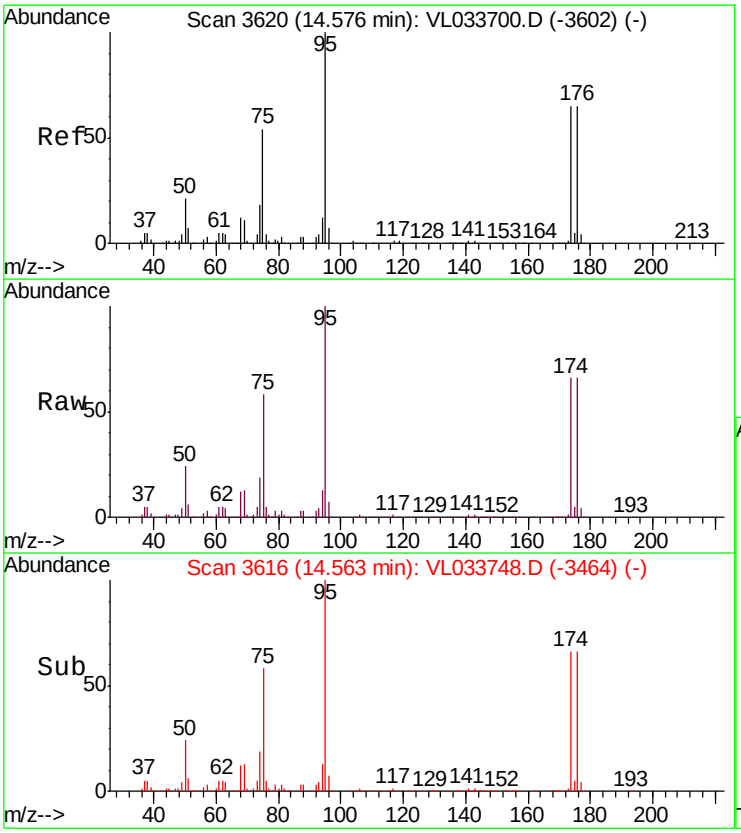
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tgt Ion:117 Resp: 2257125

Ion	Ratio	Lower	Upper
117	100		
82	67.5	49.4	74.0
119	32.6	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.813 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion: 95 Resp: 1795570

Ion	Ratio	Lower	Upper
95	100		
174	66.5	53.9	80.9
175	4.8	3.8	5.8