Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033825.D
Acq On : 29 May 2019 5:43
Operator : SY/AP
Sample : K2960-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-25DL

Quant Time: May 29 06:55:38 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	5.76	49	752986	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1810092	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1735434	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1470538	10.45	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	2543	0.016	ppbv #	87
9) Propene	3.03	41	1788	0.049	ppbv #	15
13) Ethanol	3.65	45	167	0.014	ppbv #	38
15) Acetone	3.91	43	13471	0.129	ppbv #	48
19) Isopropyl Alcohol	4.06	45	956	0.014	ppbv #	1
20) Methylene Chloride	4.41	84	1956	0.049	ppbv	88
39) 1,2-Dichloropropane	7.28	63	470092	7.658	ppbv #	23

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

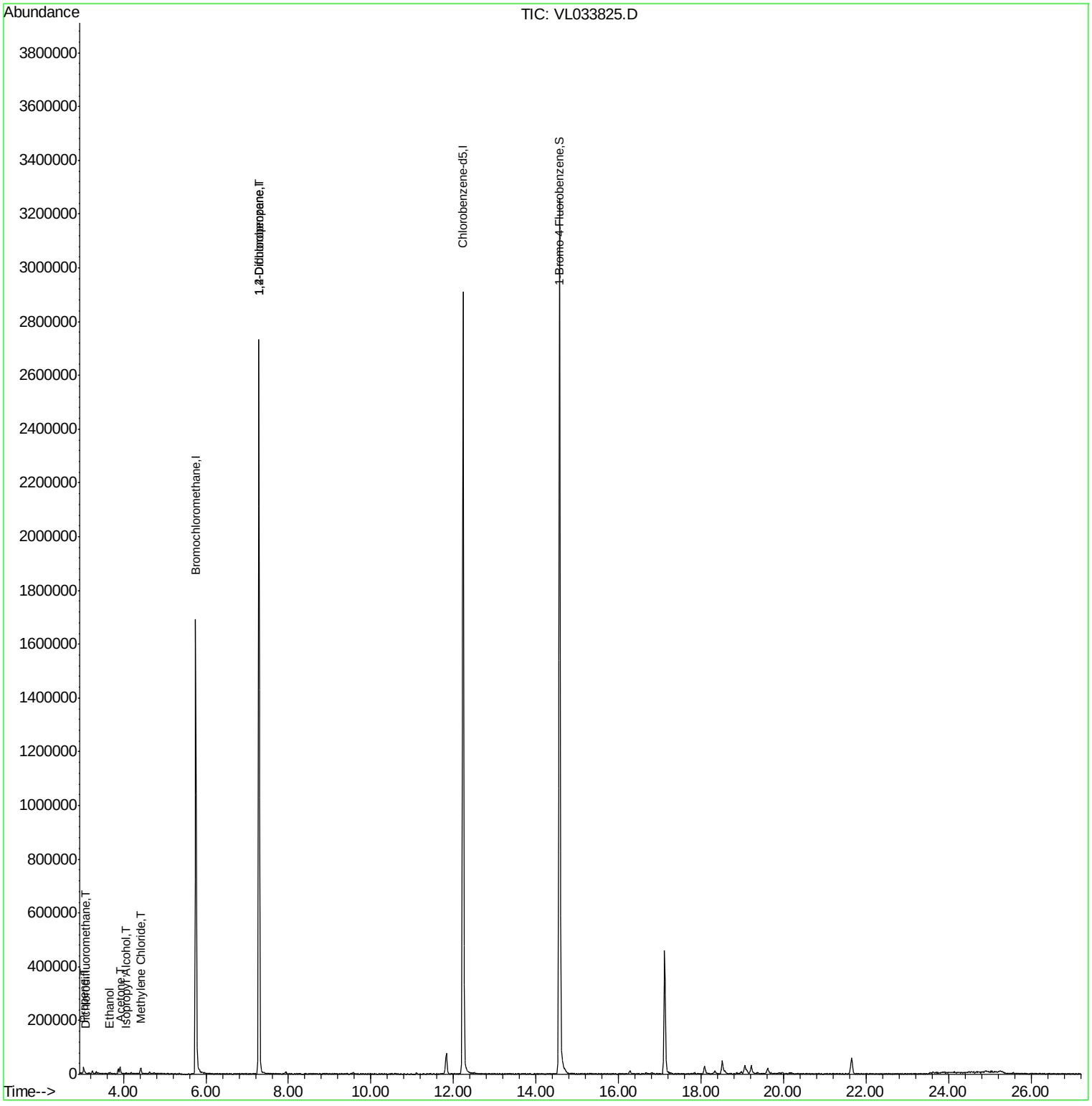
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

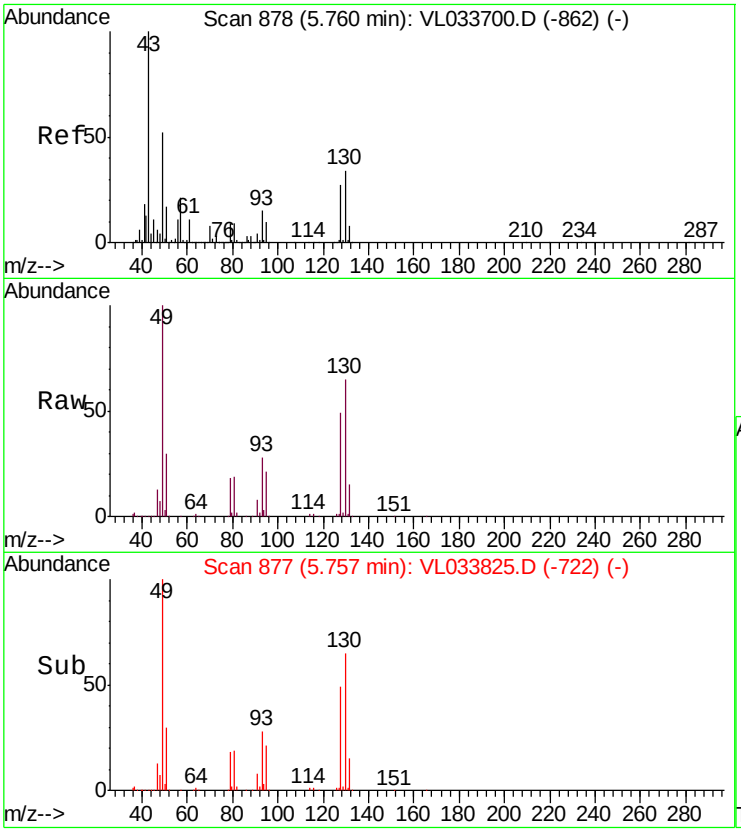
Quantitation Report (Not Reviewed)

Data File : VL033825.D
Acq On : 29 May 2019 5:43
Operator : SY/AP
Sample : K2960-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-25DL

Quant Time: May 29 06:55:38 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



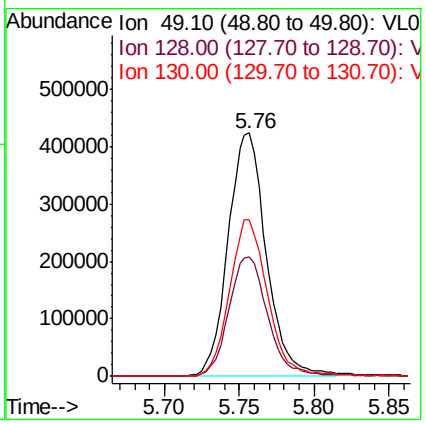


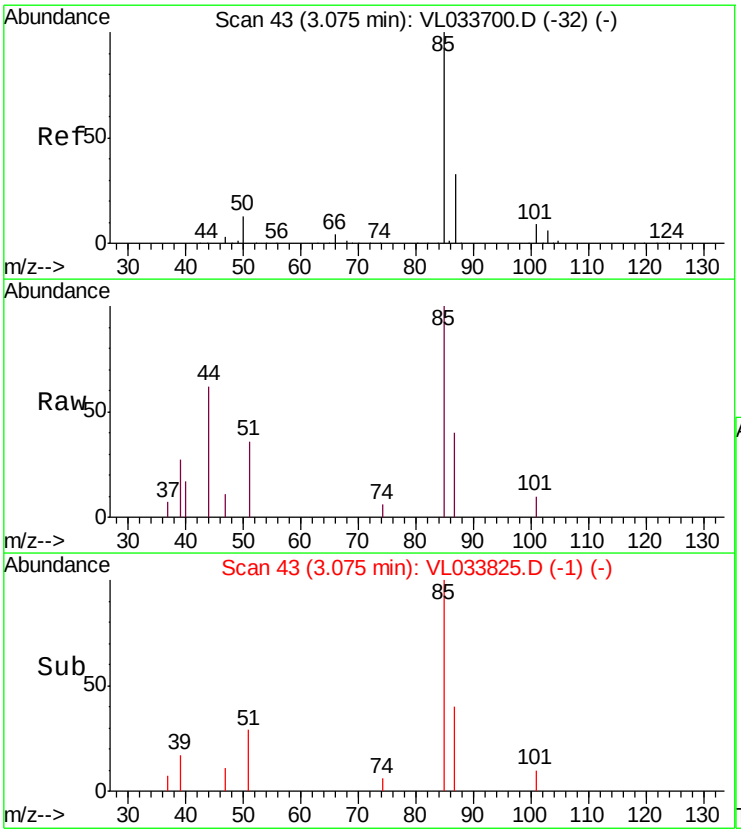
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.00 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25DL

Tgt Ion: 49 Resp: 752986

Ion	Ratio	Lower	Upper
49	100		
128	50.4	25.2	75.6
130	64.4	32.5	97.5

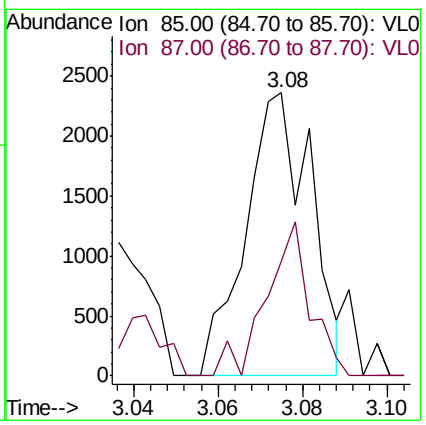


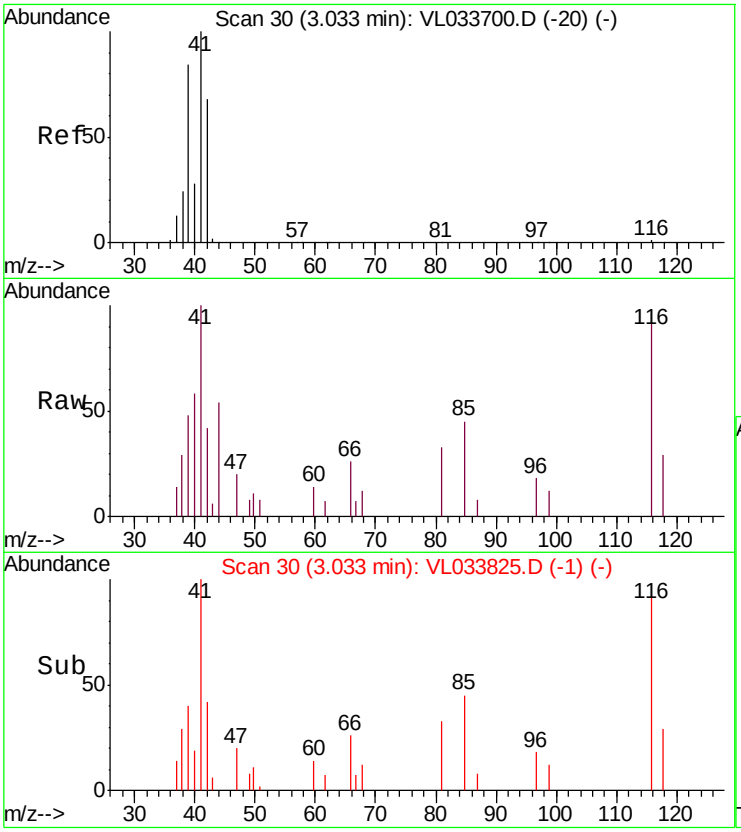


#2
Dichlorodifluoromethane
Concen: 0.016 ppbv
RT: 3.08 min Scan# 43
Delta R.T. 0.00 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Tgt Ion: 85 Resp: 2543

Ion	Ratio	Lower	Upper
85	100		
87	40.2	26.3	39.5#



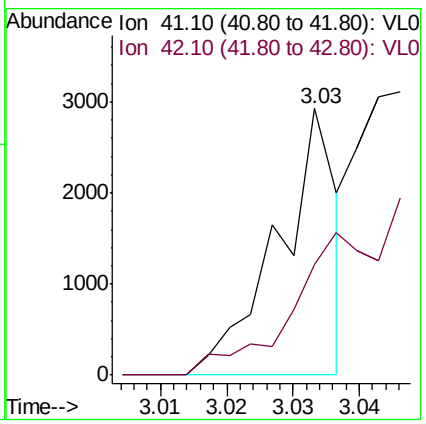


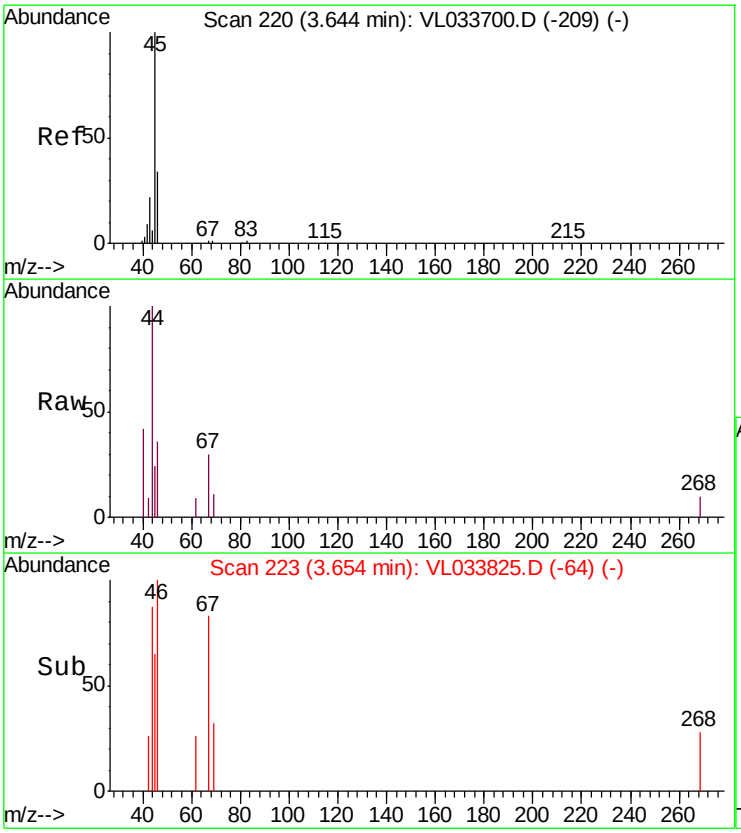
#9
Propene
Concen: 0.049 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25DL

Tgt Ion: 41 Resp: 1788

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.1	84.1#

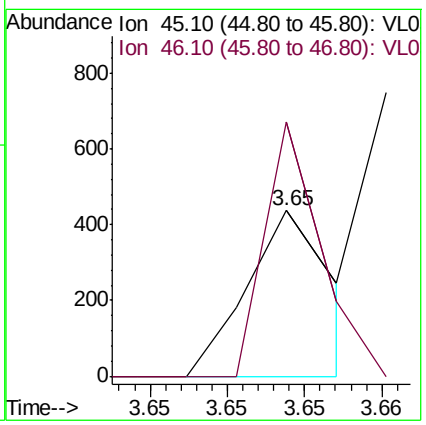


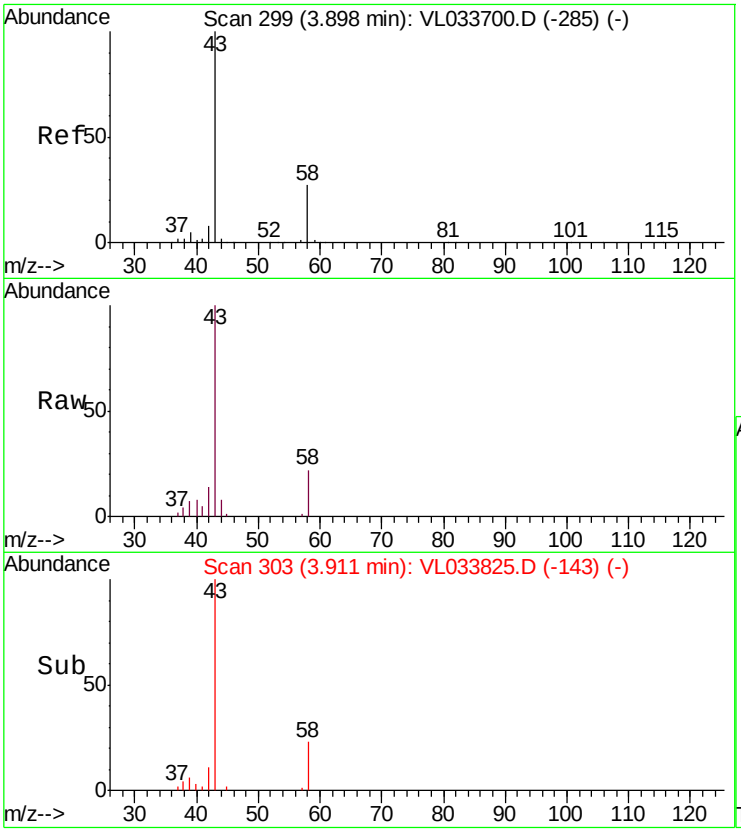


#13
Ethanol
Concen: 0.014 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Tgt Ion: 45 Resp: 167

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#



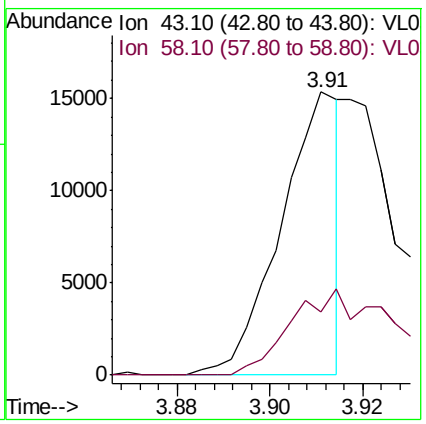


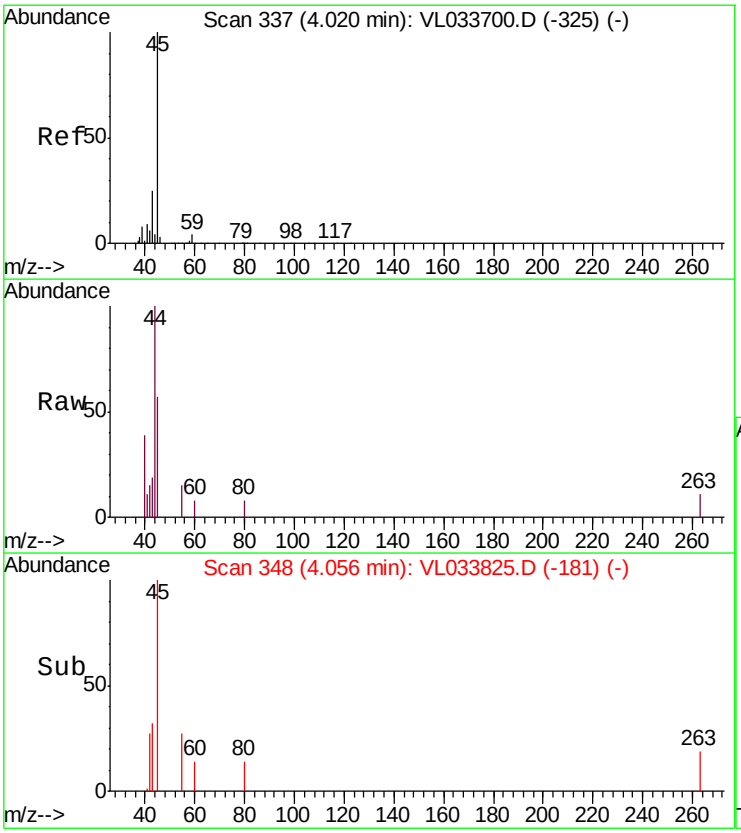
#15
Acetone
Concen: 0.129 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.01 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25DL

Tgt Ion: 43 Resp: 13471

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.3	31.9#

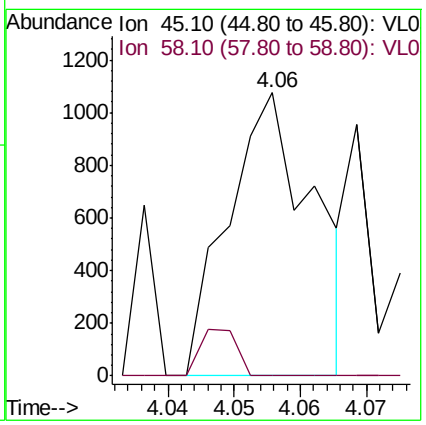


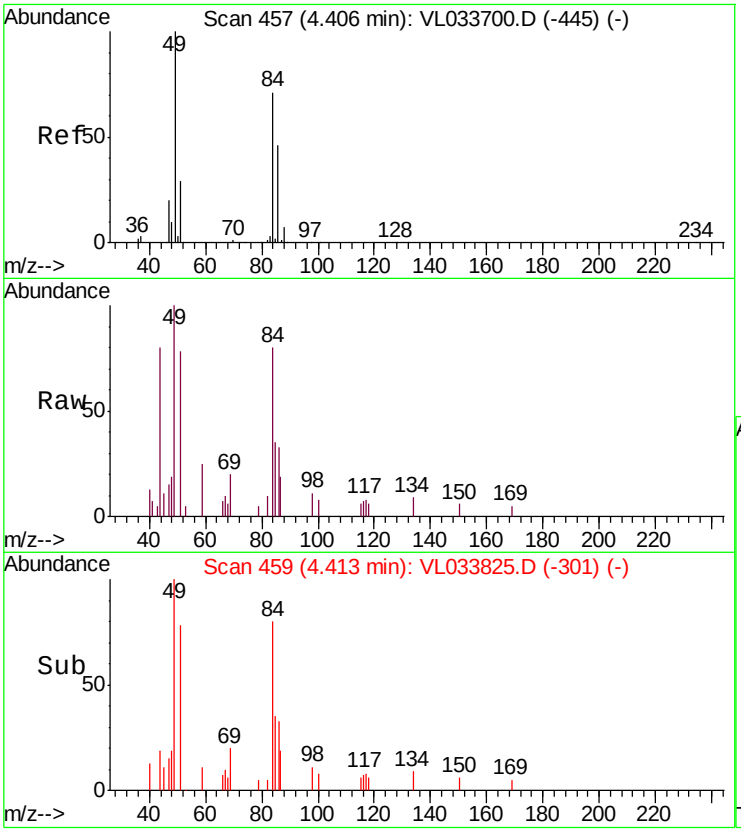


#19
Isopropyl Alcohol
Concen: 0.014 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.04 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Tgt Ion: 45 Resp: 956

Ion	Ratio	Lower	Upper
45	100		
58	805.4	1.6	2.4#



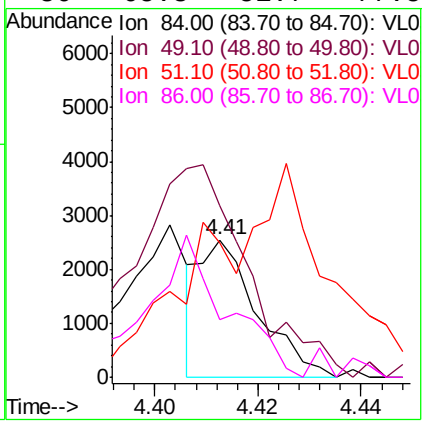


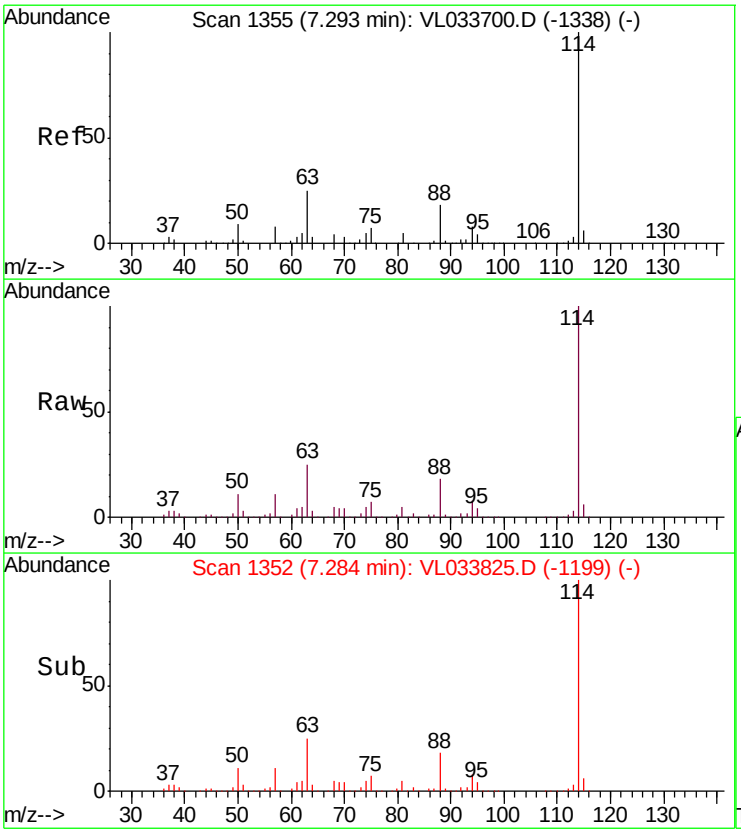
#20
Methylene Chloride
Concen: 0.049 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25DL

Tgt Ion: 84 Resp: 1956

Ion	Ratio	Lower	Upper
84	100		
49	116.1	112.8	169.2
51	44.1	33.4	50.0
86	65.3	51.7	77.5

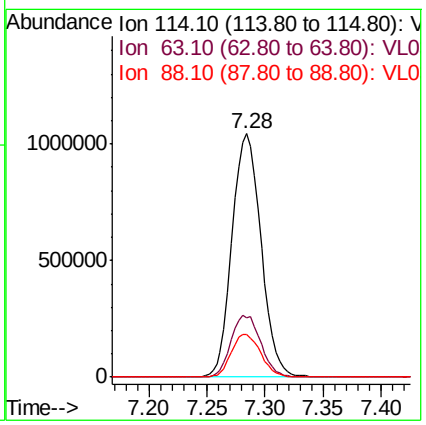


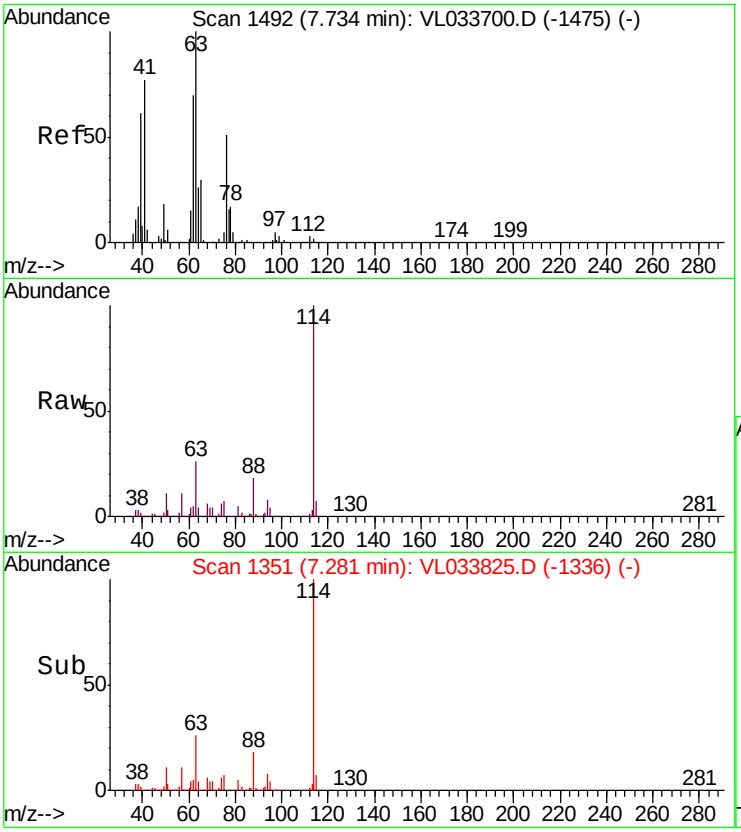


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Tgt Ion:114 Resp: 1810092

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.9	31.3
88	17.9	14.3	21.5



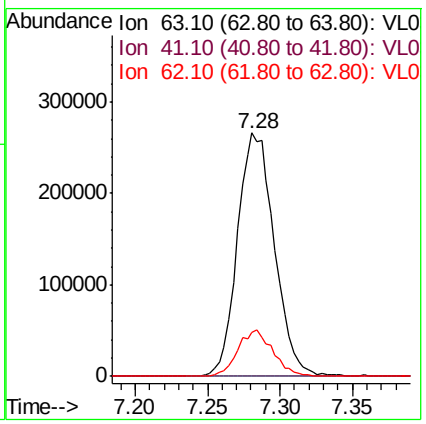


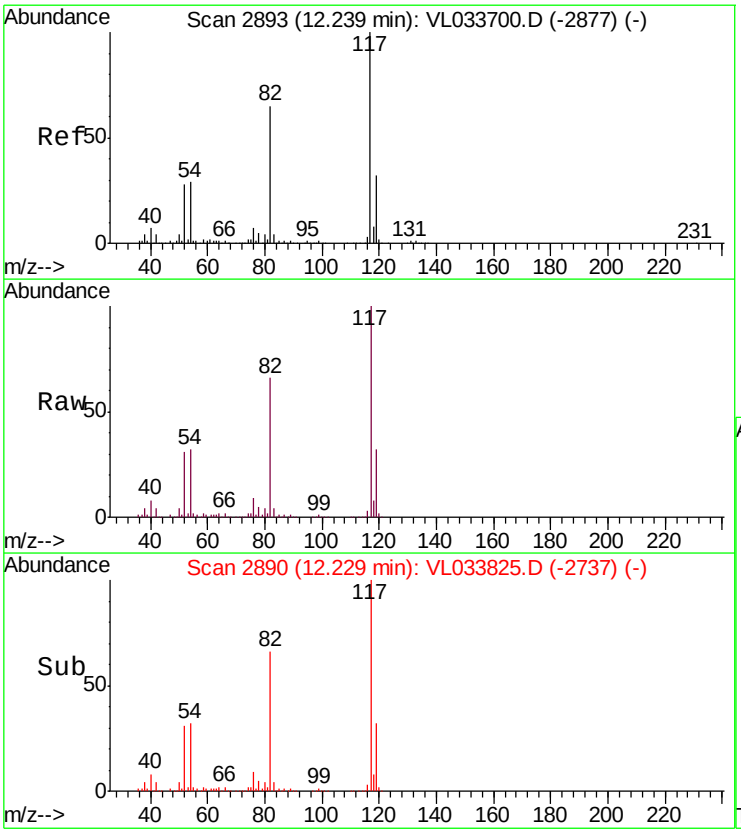
#39
1,2-Dichloropropane
Concen: 7.658 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.45 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25DL

Tgt Ion: 63 Resp: 470092

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.5	92.3#
62	17.8	56.2	84.4#

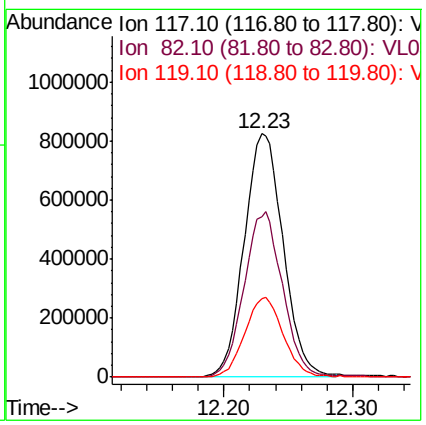


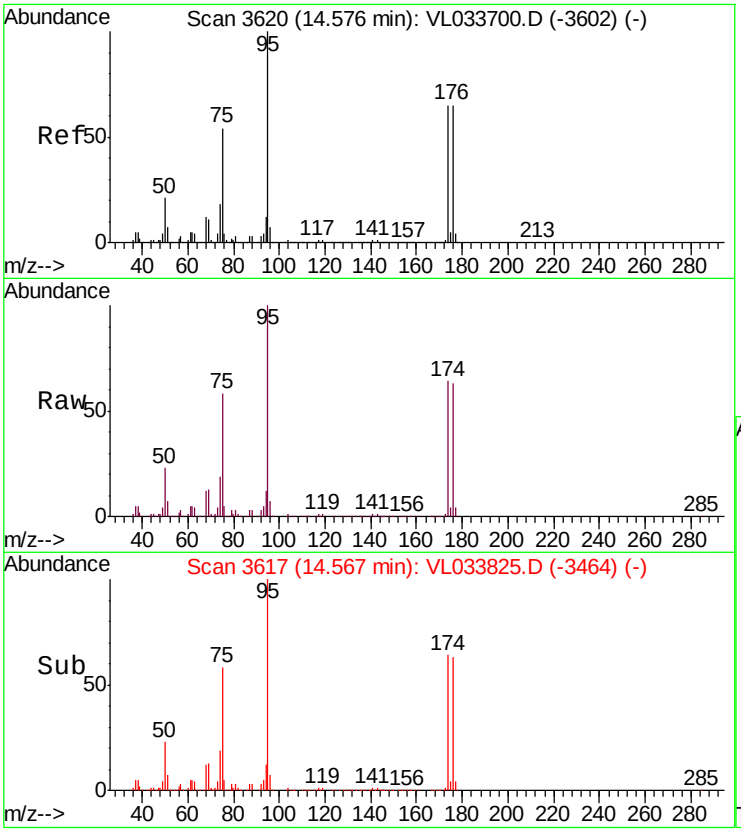


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Tgt Ion:117 Resp: 1735434

Ion	Ratio	Lower	Upper
117	100		
82	67.9	49.4	74.0
119	32.6	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.452 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033825.D
Acq: 29 May 2019 5:43

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25DL

Tgt Ion: 95 Resp: 1470538

Ion	Ratio	Lower	Upper
95	100		
174	66.8	53.9	80.9
175	4.7	3.8	5.8