Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

Quantitation Report (Not Reviewed)

Data File : VL033570.D
Acq On : 10 Apr 2019 18:57
Operator : SY/AP
Sample : K2301-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1DL

Quant Time: Apr 11 03:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	871989	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2083160	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2168962	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1730498	10.18	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	6662	0.052	ppbv	89
4) Chloromethane	3.18	50	2357	0.044	ppbv	93
8) Dichlorotetrafluoroethane	3.08	85	6662	0.049	ppbv #	16
13) Ethanol	3.66	45	20377	1.868	ppbv	97
15) Acetone	3.91	43	69673	0.665	ppbv	98
19) Isopropyl Alcohol	4.05	45	4666	0.070	ppbv #	95
20) Methylene Chloride	4.41	84	27868	0.626	ppbv	98
26) Hexane	5.78	57	8857	0.102	ppbv #	34
39) 1,2-Dichloropropane	7.29	63	543402	7.936	ppbv #	23

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

Quantitation Report (Not Reviewed)

Data File : VL033570.D
Acq On : 10 Apr 2019 18:57
Operator : SY/AP
Sample : K2301-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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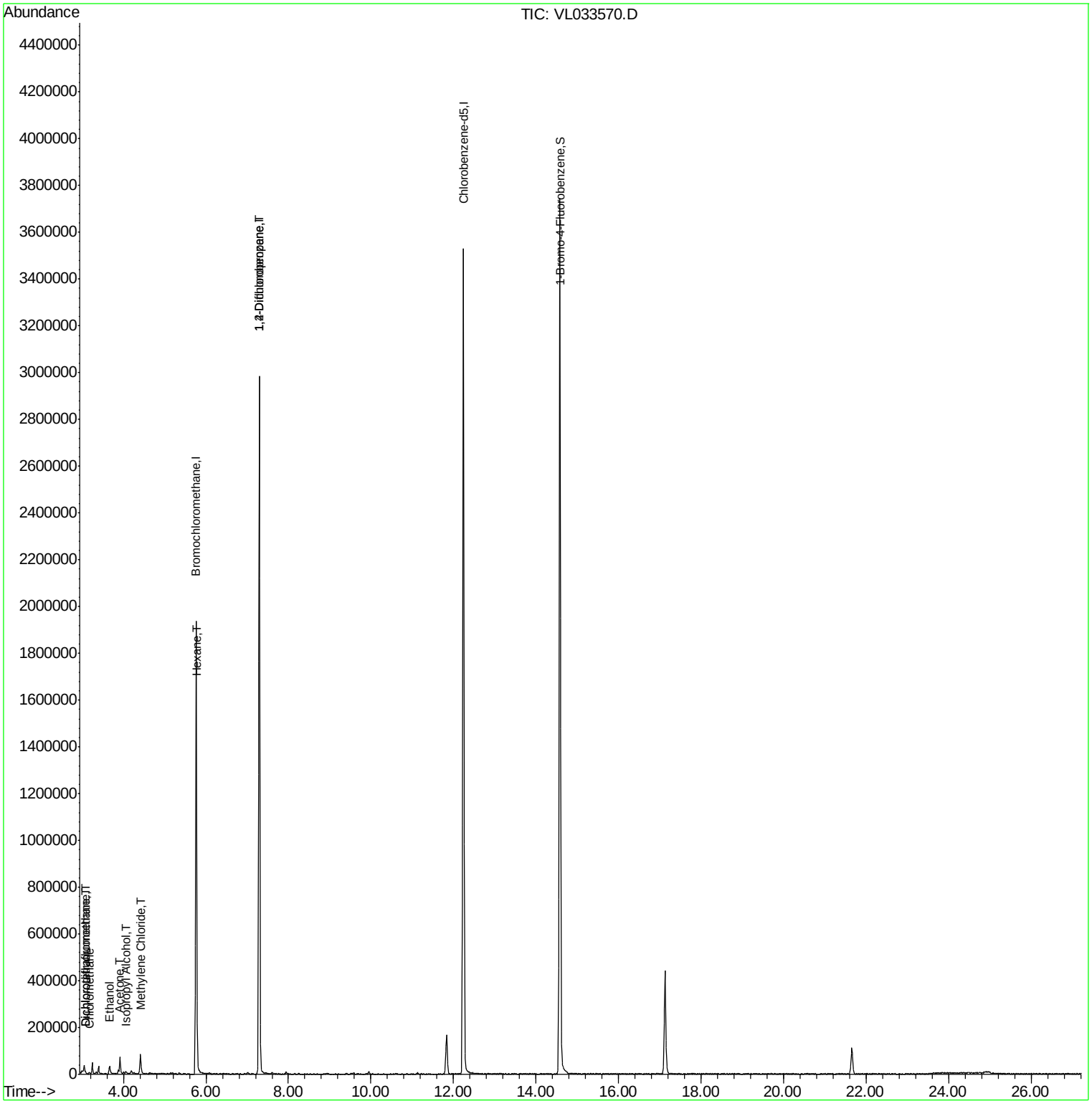
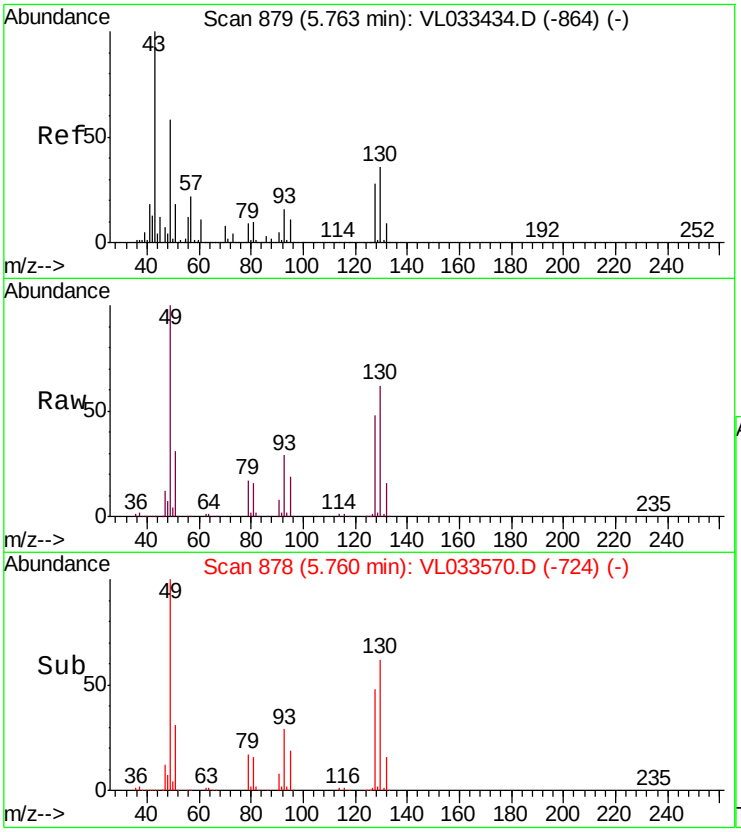
Quant Time: Apr 11 03:45:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



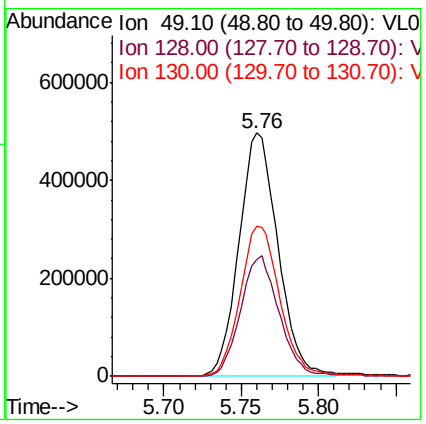


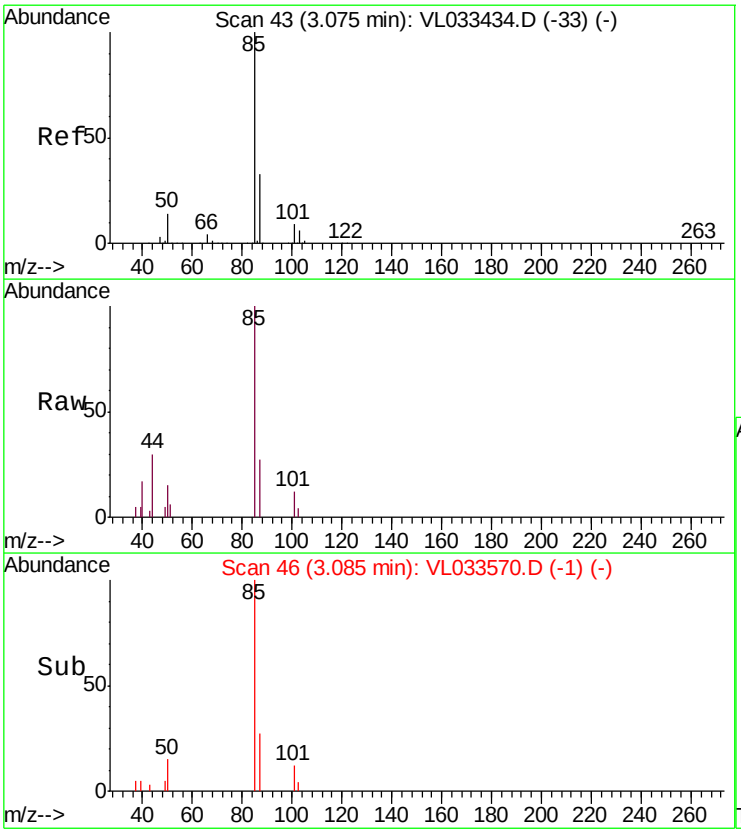
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 871989

Ion	Ratio	Lower	Upper
49	100		
128	49.3	24.0	72.0
130	63.3	31.2	93.6

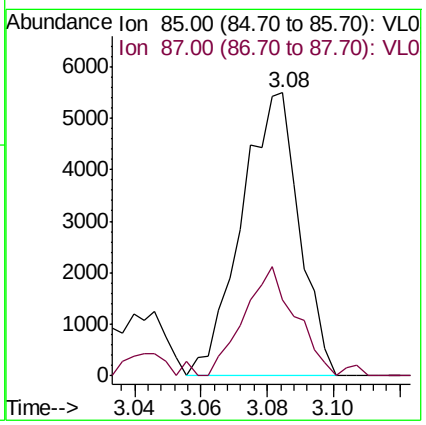


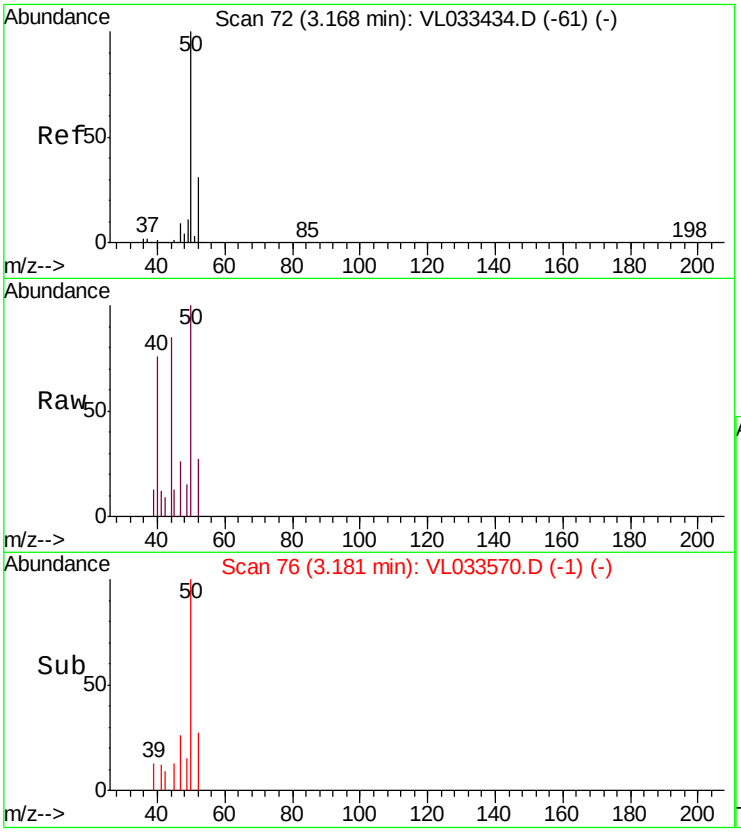


#2
Dichlorodifluoromethane
Concen: 0.052 ppbv
RT: 3.08 min Scan# 46
Delta R.T. 0.01 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion: 85 Resp: 6662

Ion	Ratio	Lower	Upper
85	100		
87	27.0	26.7	40.1



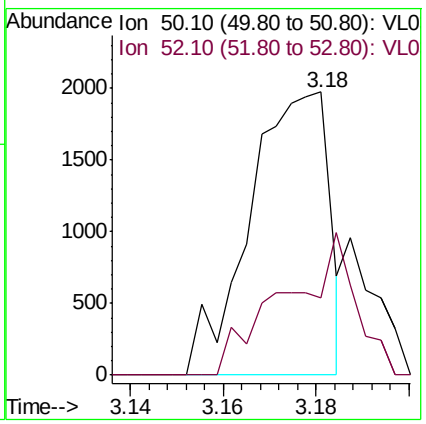


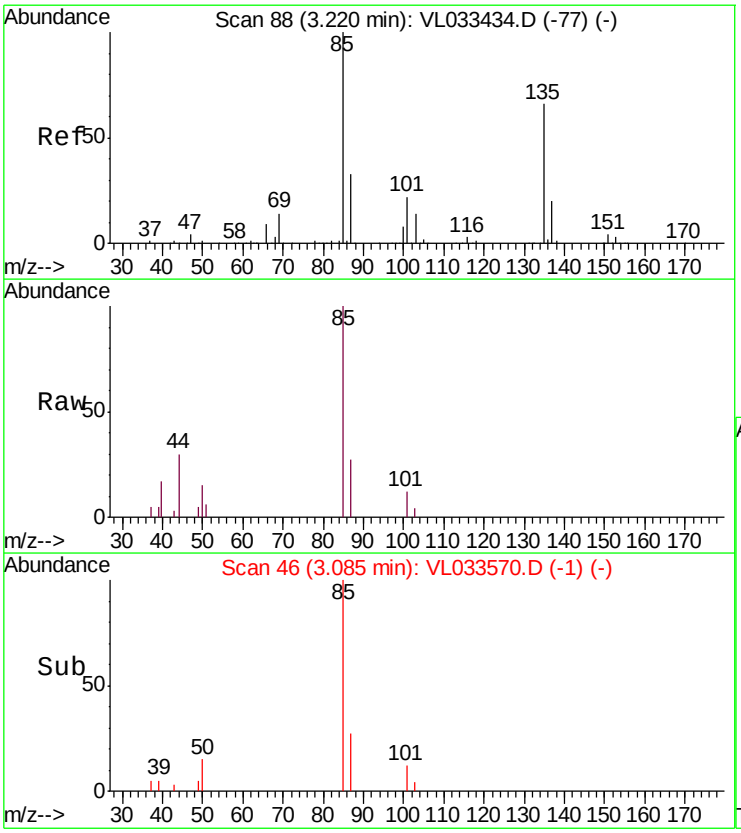
#4
Chloromethane
Concen: 0.044 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.01 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 50 Resp: 2357

Ion	Ratio	Lower	Upper
50	100		
52	27.2	25.0	37.6

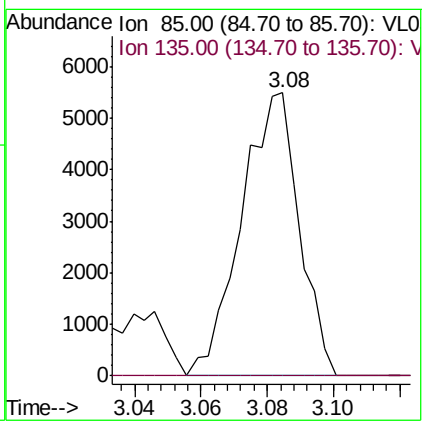


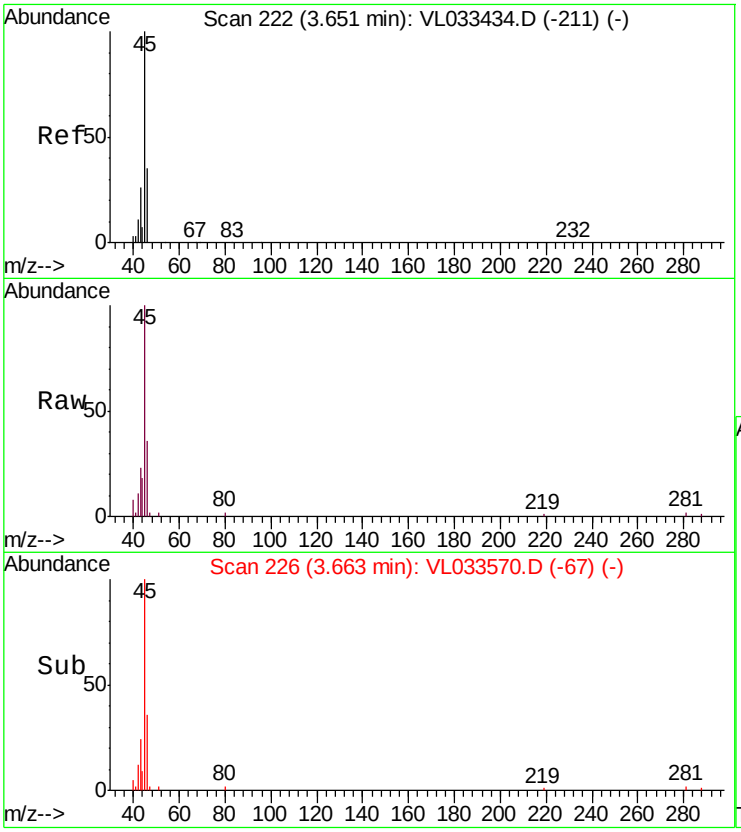


#8
Dichlorotetrafluoroethane
Concen: 0.049 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.14 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion: 85 Resp: 6662

Ion	Ratio	Lower	Upper
85	100		
135	0.0	54.0	81.0#



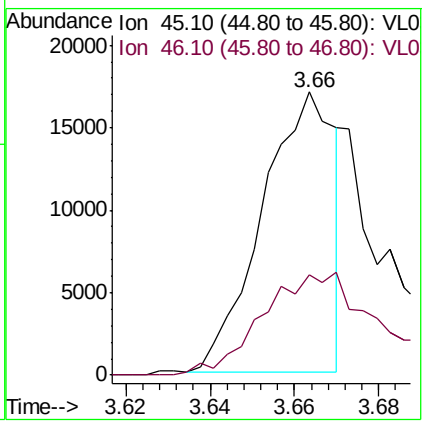


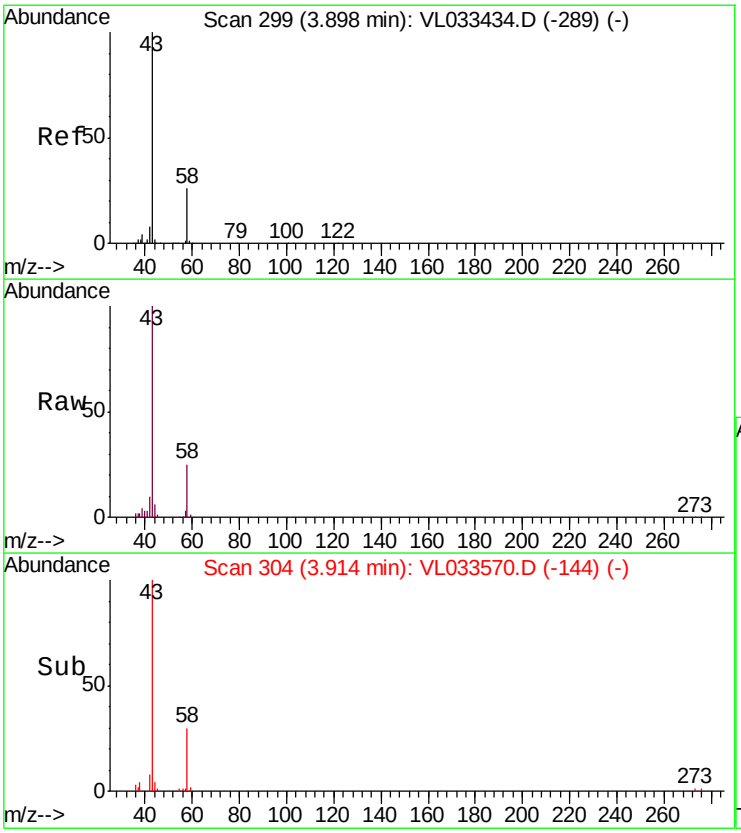
#13
Ethanol
Concen: 1.868 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 45 Resp: 20377

Ion	Ratio	Lower	Upper
45	100		
46	61.3	25.4	101.8

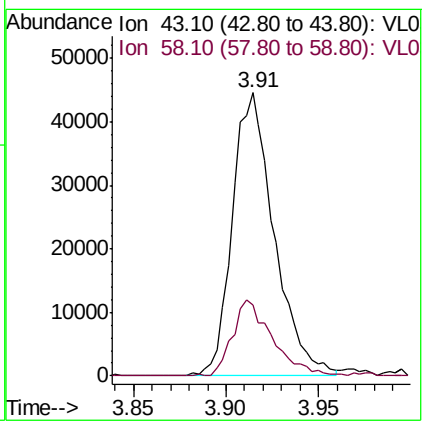


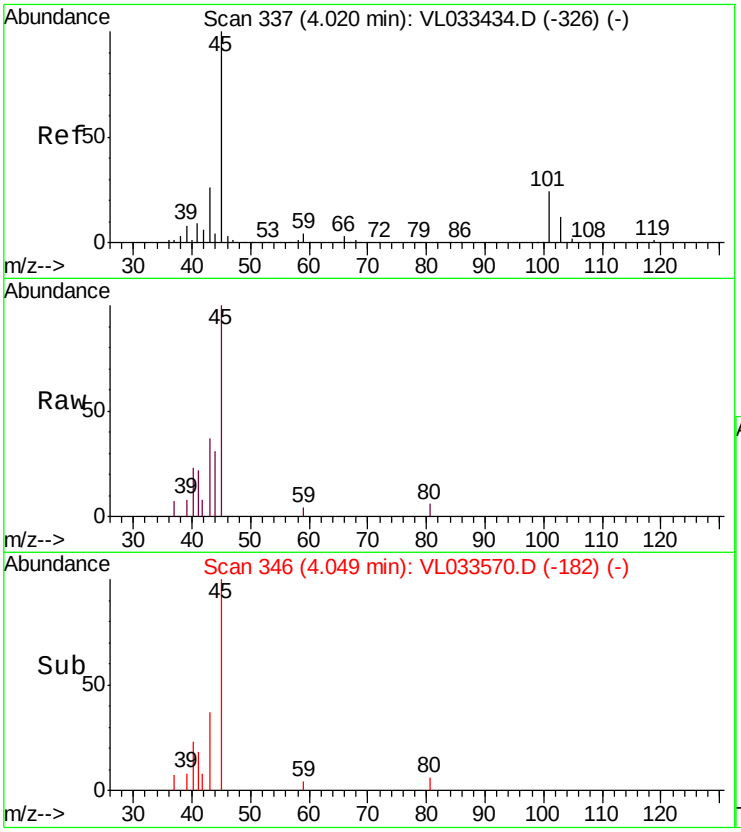


#15
Acetone
Concen: 0.665 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.02 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion: 43 Resp: 69673

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.5	30.7



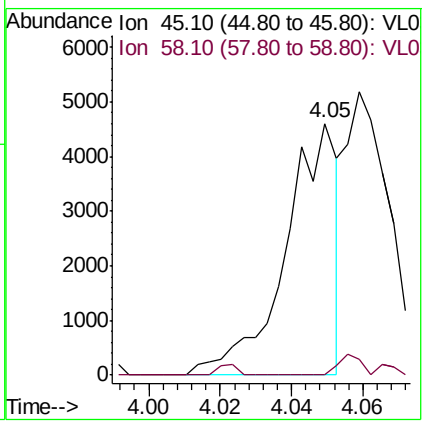


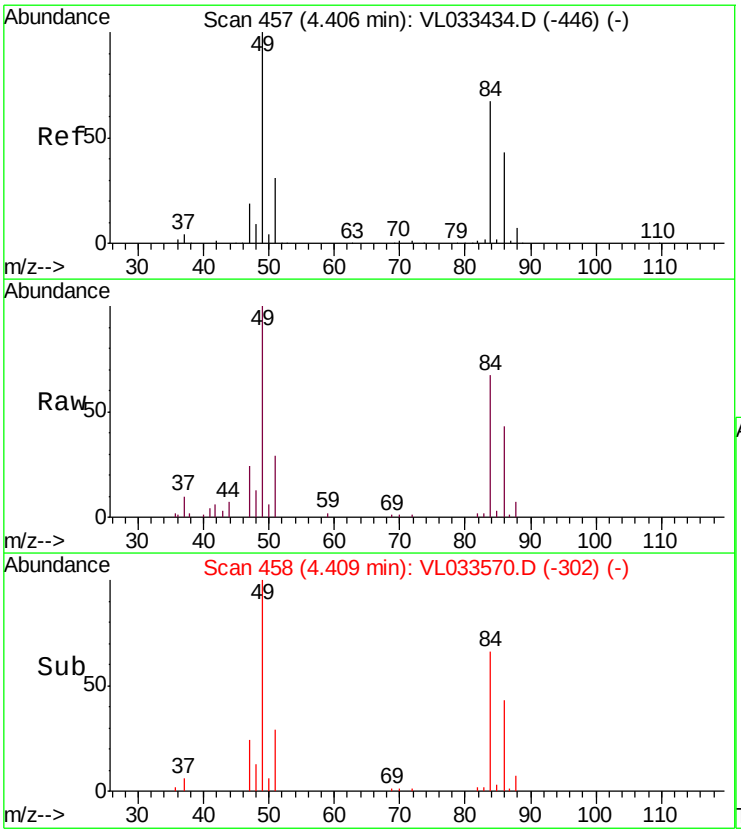
#19
Isopropyl Alcohol
Concen: 0.070 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.03 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 45 Resp: 4666

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

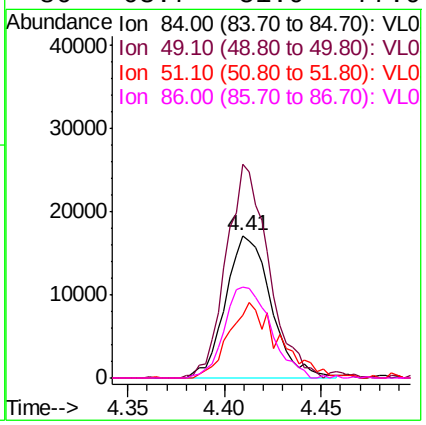


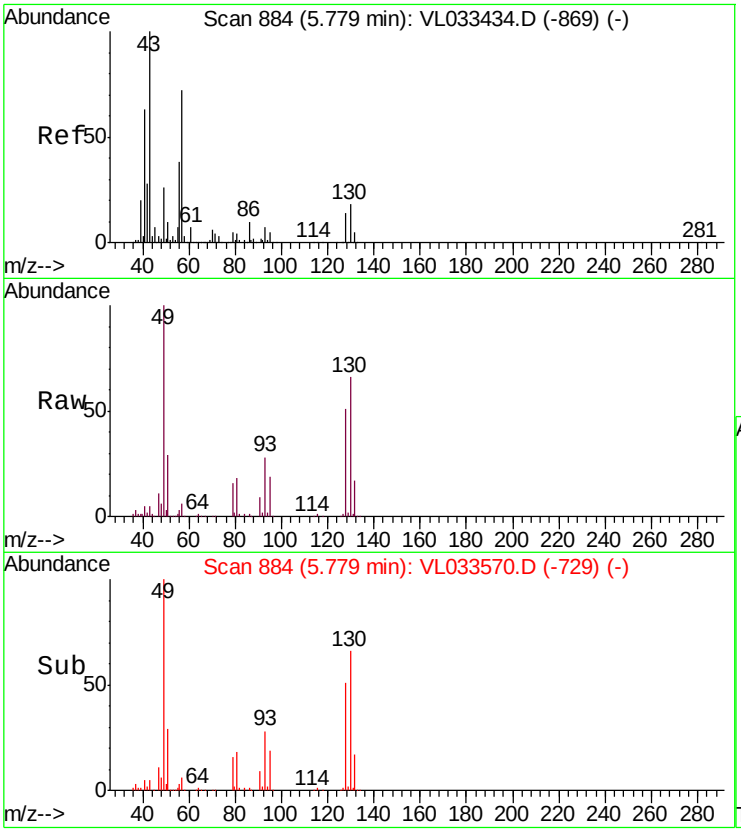


#20
Methylene Chloride
Concen: 0.626 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion: 84 Resp: 27868

Ion	Ratio	Lower	Upper
84	100		
49	148.0	120.0	180.0
51	44.0	36.7	55.1
86	63.7	51.9	77.9



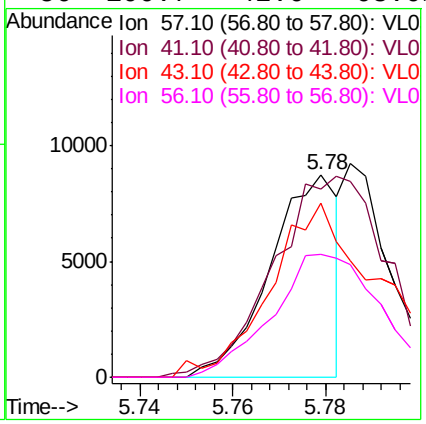


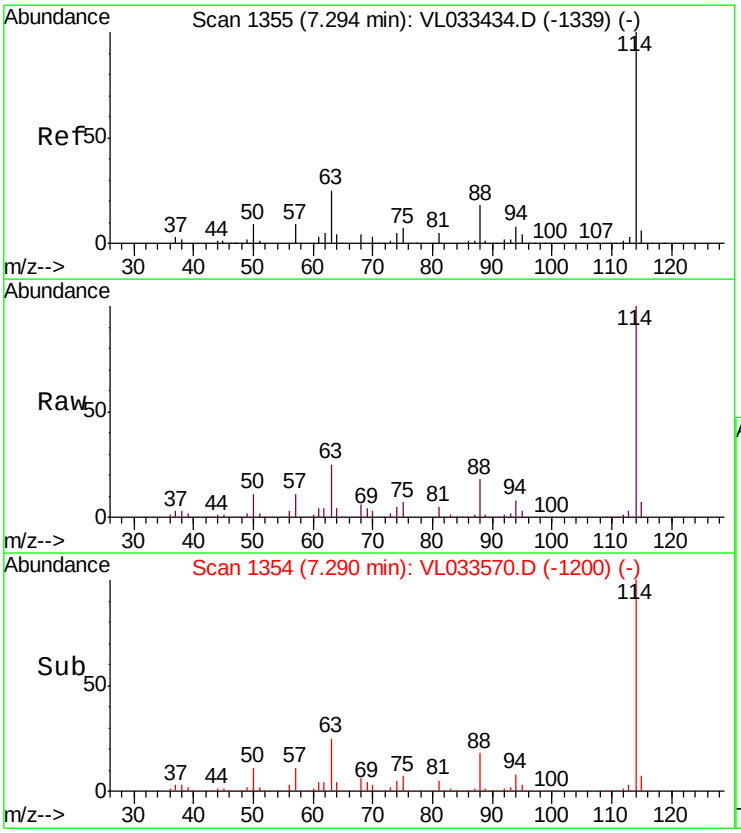
#26
Hexane
Concen: 0.102 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 57 Resp: 8857

Ion	Ratio	Lower	Upper
57	100		
41	0.0	70.7	106.1#
43	138.2	182.6	274.0#
56	100.7	42.0	63.0#

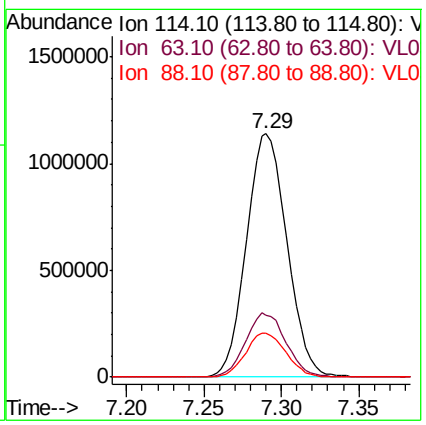


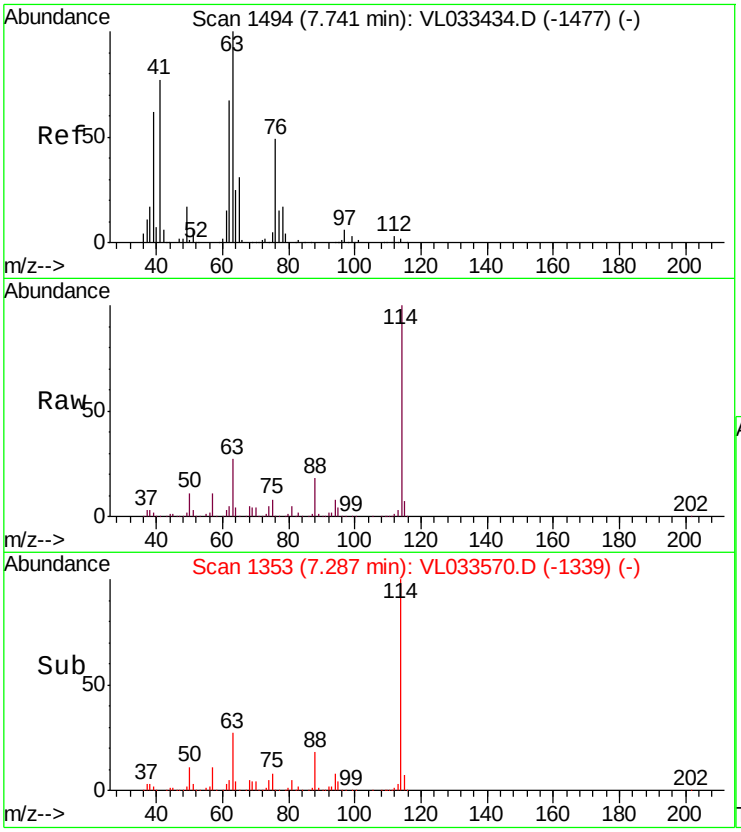


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion:114 Resp: 2083160

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.5	32.3
88	18.1	14.5	21.7



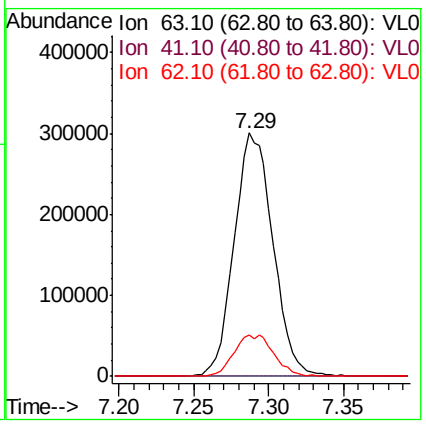


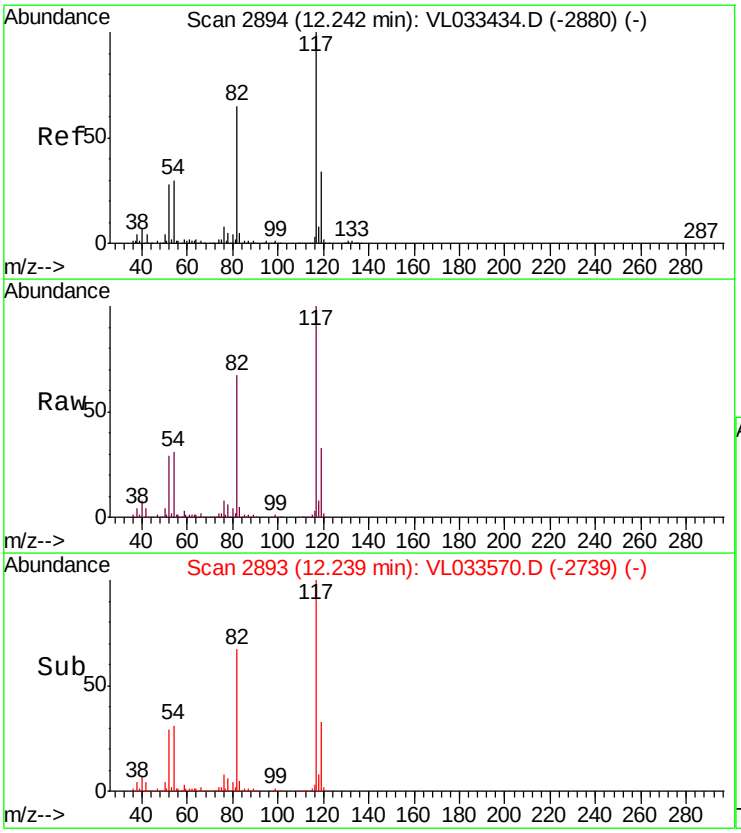
#39
1,2-Dichloropropane
Concen: 7.936 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 63 Resp: 543402

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	16.9	54.0	81.0#

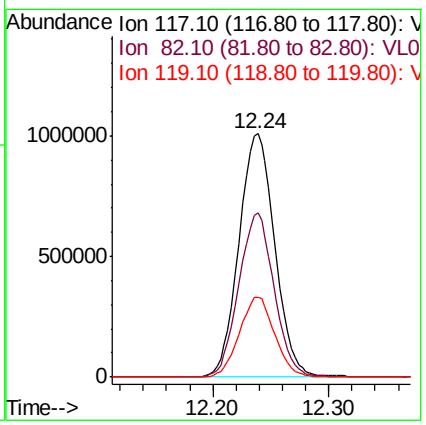


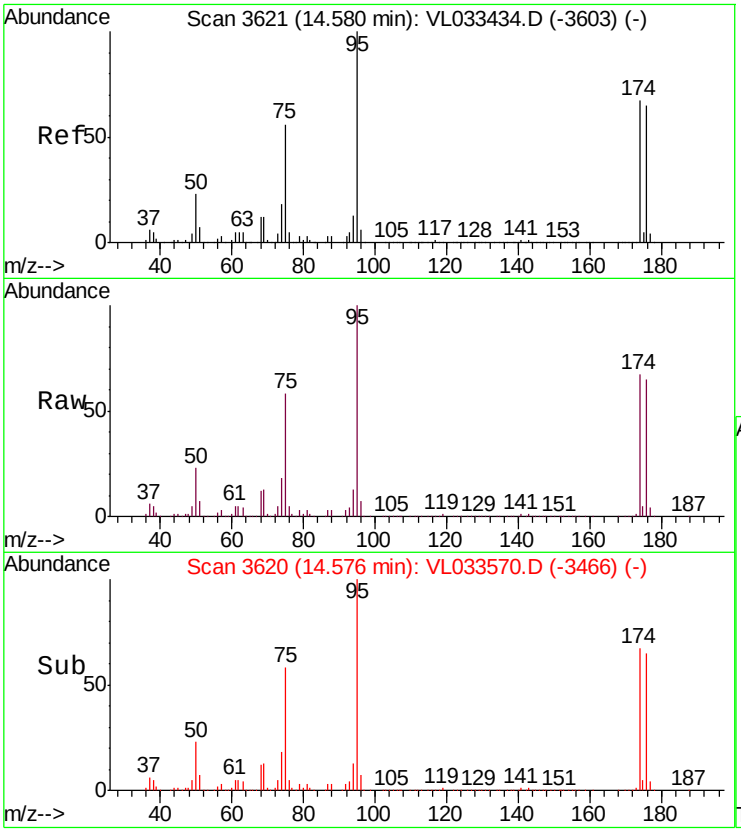


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Tgt Ion:117 Resp: 2168962

Ion	Ratio	Lower	Upper
117	100		
82	66.8	51.5	77.3
119	32.5	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.177 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033570.D
Acq: 10 Apr 2019 18:57

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 95 Resp: 1730498

Ion	Ratio	Lower	Upper
95	100		
174	66.6	52.9	79.3
175	5.0	3.8	5.6