Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
Data File : VL031887.D
Acq On : 19 Apr 2018 20:58
Operator : SY/AP
Sample : J2133-13 0.03 PPBV
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2018

Quant Time: Apr 20 08:01:19 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.88	49	1088314	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2498666	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2487064	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	2010539	10.05	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.31	85	9037	0.04	ppbv		92
3) Chlorodifluoromethane	3.10	51	6679	0.05	ppbv		96
4) Chloromethane	3.27	50	2867	0.04	ppbv	#	1
8) Dichlorotetrafluoroethane	3.31	85	9037	0.05	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.67	101	6900	0.05	ppbv		96
14) Bromoethene	3.89	108	1894	0.04	ppbv	#	6
15) Acetone	4.04	43	18235	0.11	ppbv		96
20) Methylene Chloride	4.52	84	6594	0.11	ppbv	#	76
29) Chloroform	5.97	83	7462	0.04	ppbv		85
39) 1,2-Dichloropropane	7.42	63	671368	8.04	ppbv	#	21
42) Bromodichloromethane	8.05	83	7878	0.04	ppbv	#	80
78) Hexachloro-1,3-Butadiene	23.68	225	2652	0.04	ppbv	#	18

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

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
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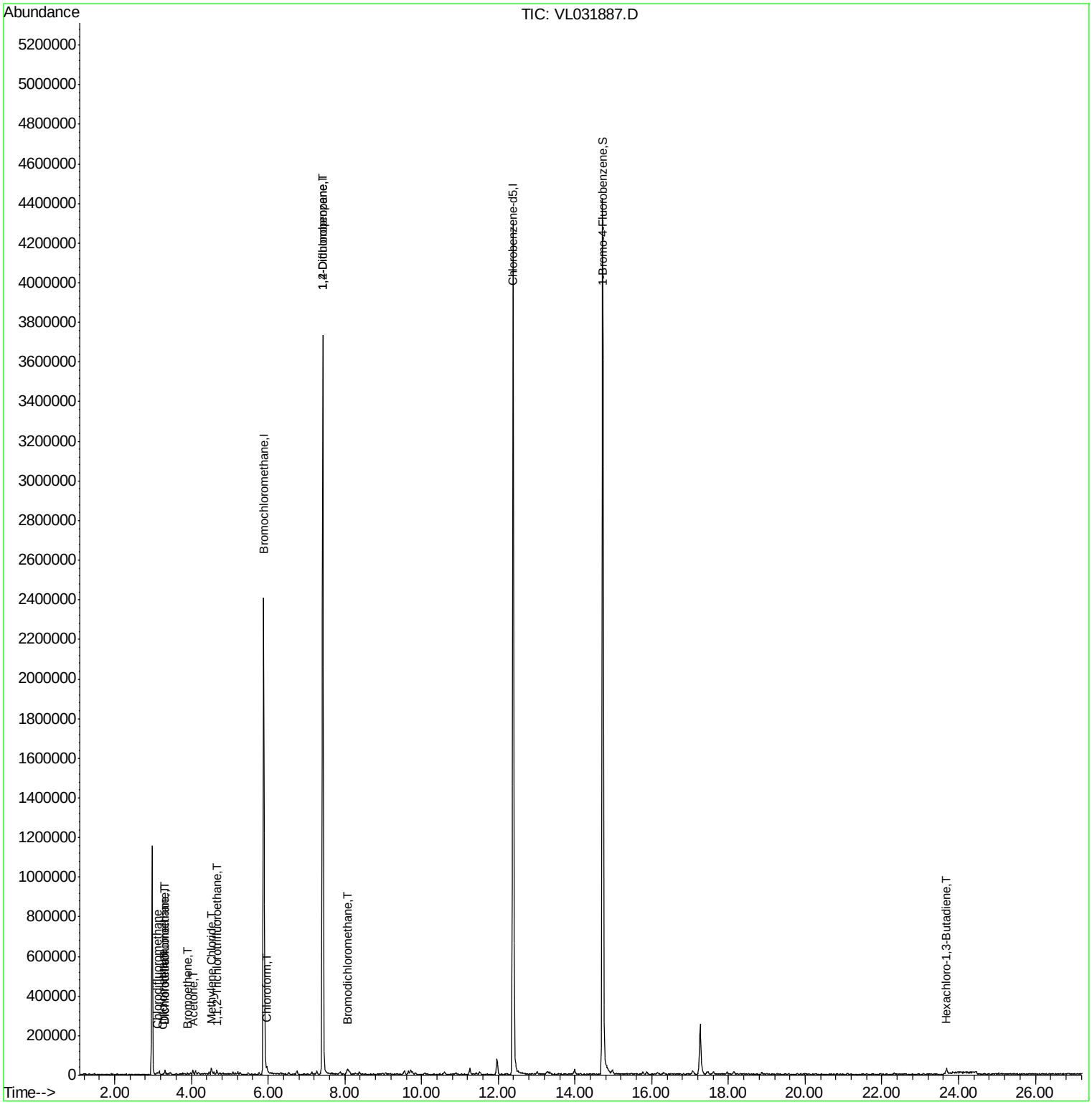
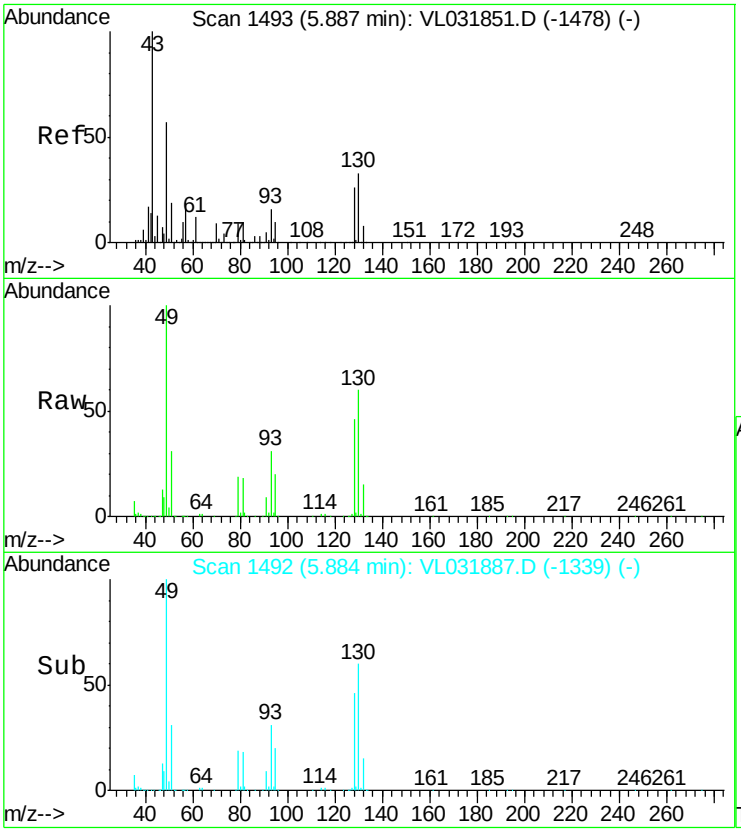
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Quant Time: Apr 20 08:01:19 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration



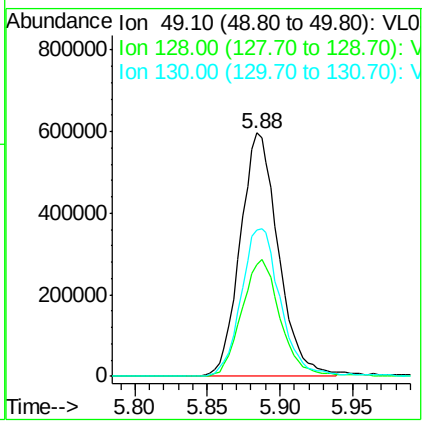


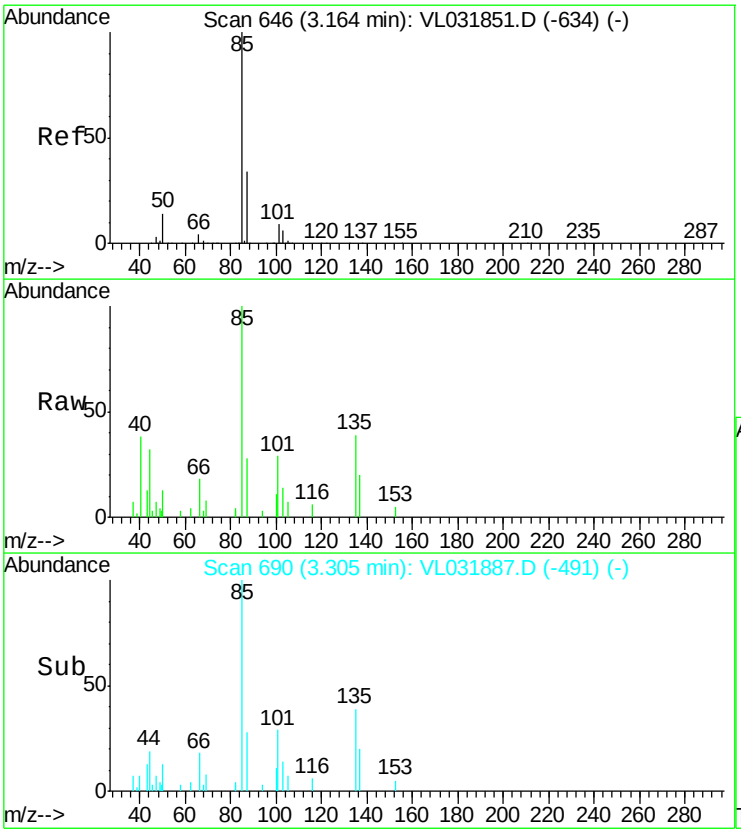
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion: 49 Resp: 1088314

Ion	Ratio	Lower	Upper
49	100		
128	49.2	23.9	71.7
130	63.6	30.9	92.7

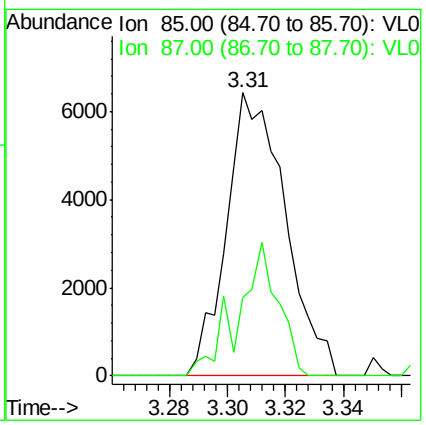


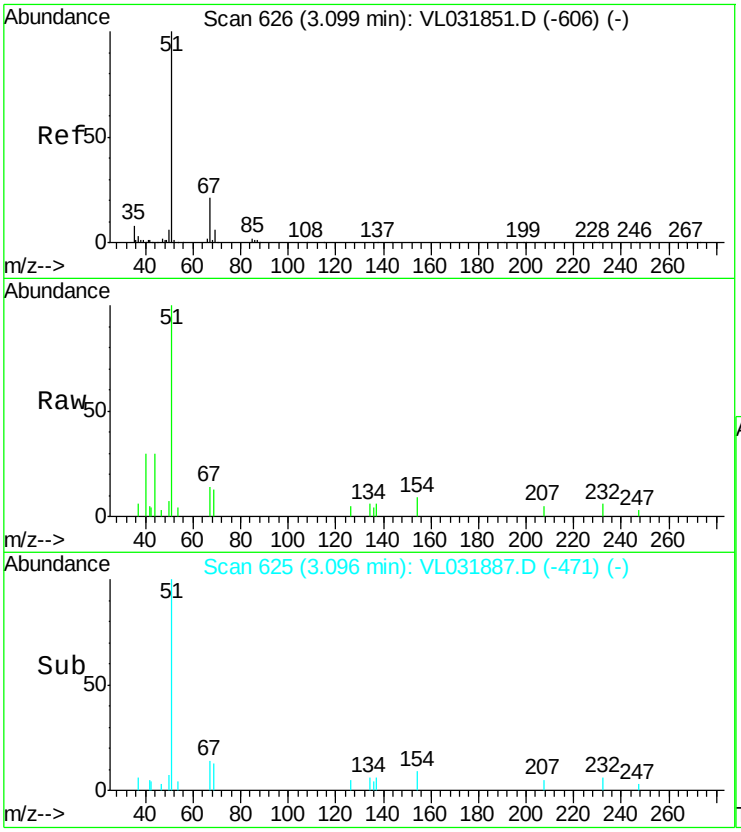


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.31 min Scan# 690
Delta R.T. 0.14 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion: 85 Resp: 9037

Ion	Ratio	Lower	Upper
85	100		
87	27.7	25.9	38.9



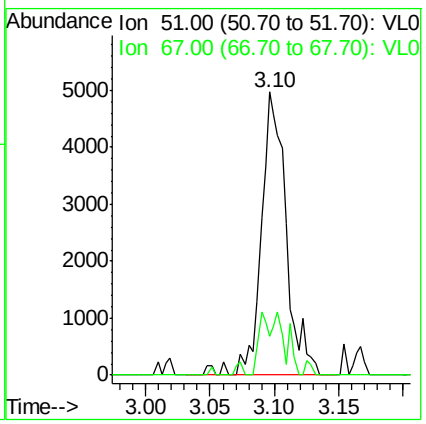


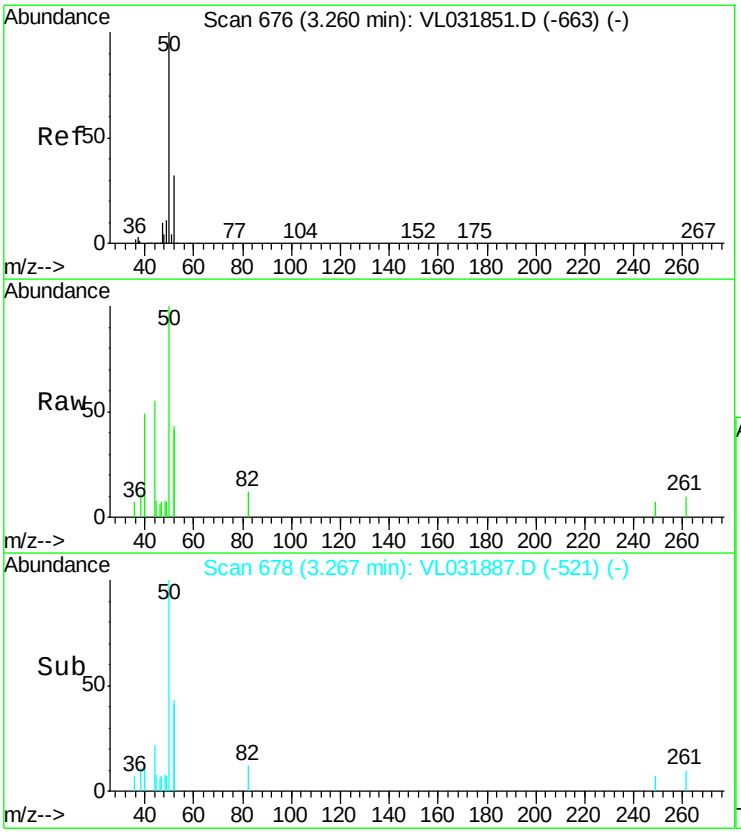
#3
Chlorodifluoromethane
Concen: 0.05 ppbv
RT: 3.10 min Scan# 625
Delta R.T. -0.00 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion: 51 Resp: 6679

Ion	Ratio	Lower	Upper
51	100		
67	23.6	17.5	26.3

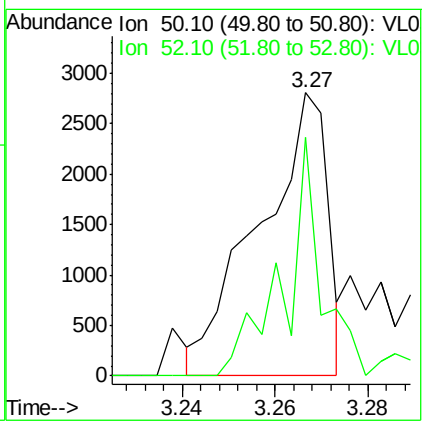


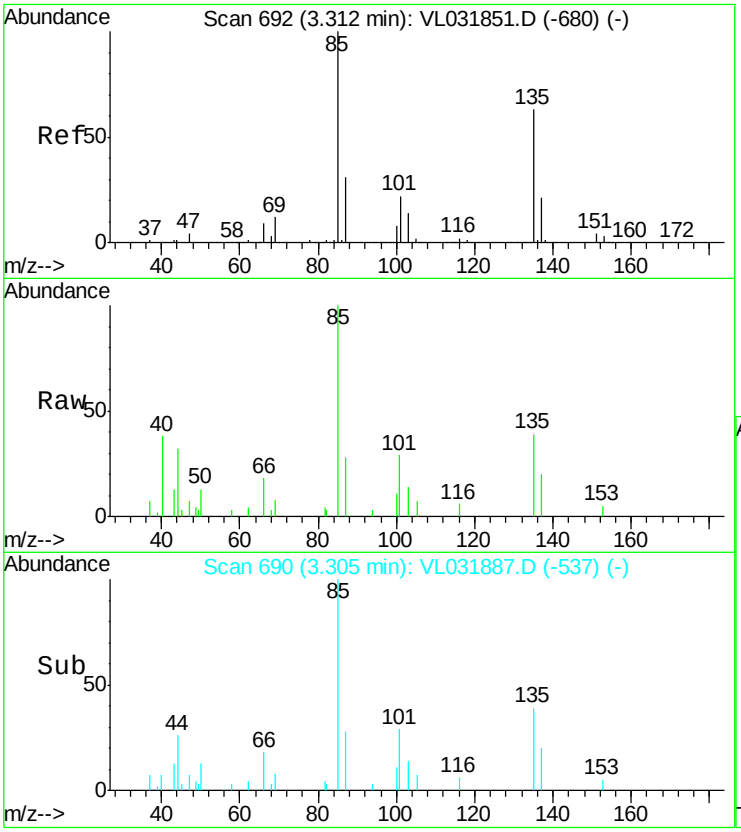


#4
Chloromethane
Concen: 0.04 ppbv
RT: 3.27 min Scan# 678
Delta R.T. 0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion: 50 Resp: 2867

Ion	Ratio	Lower	Upper
50	100		
52	94.0	28.1	42.1#



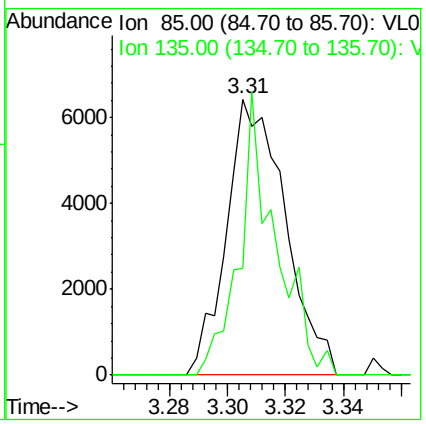


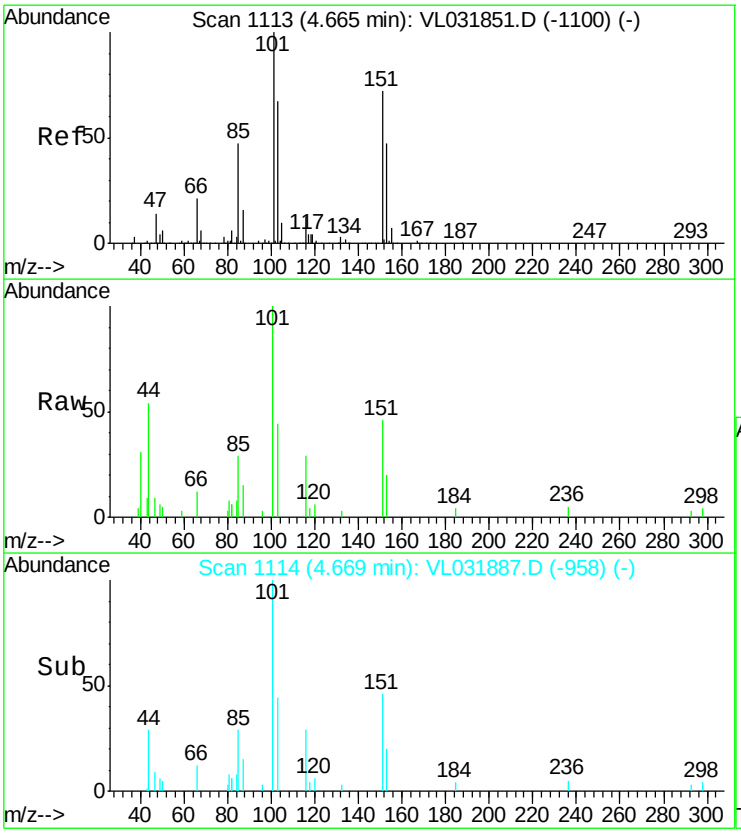
#8
Dichlorotetrafluoroethane
Concen: 0.05 ppbv
RT: 3.31 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion: 85 Resp: 9037

Ion	Ratio	Lower	Upper
85	100		
135	63.2	52.7	79.1

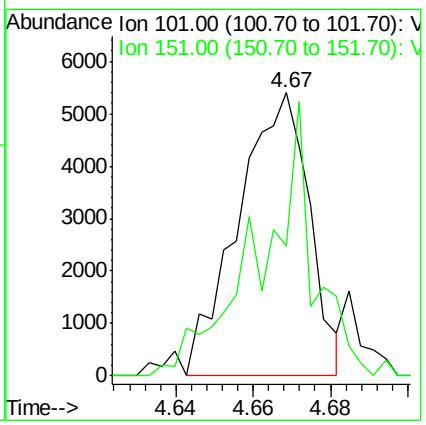


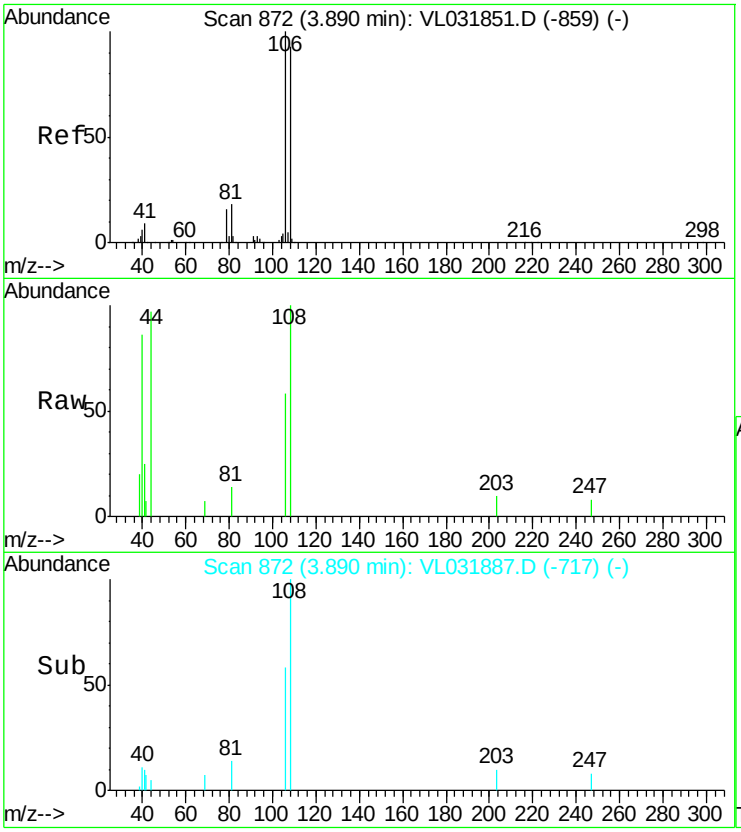


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.05 ppbv
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion:101 Resp: 6900

Ion	Ratio	Lower	Upper
101	100		
151	74.4	57.0	85.6



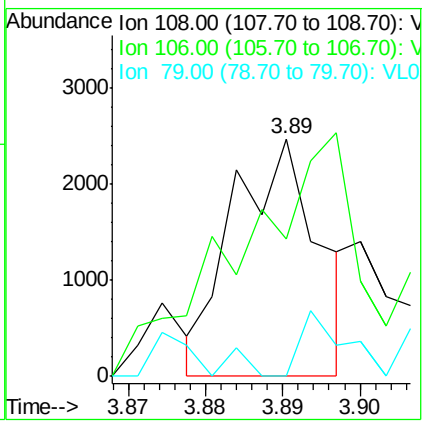


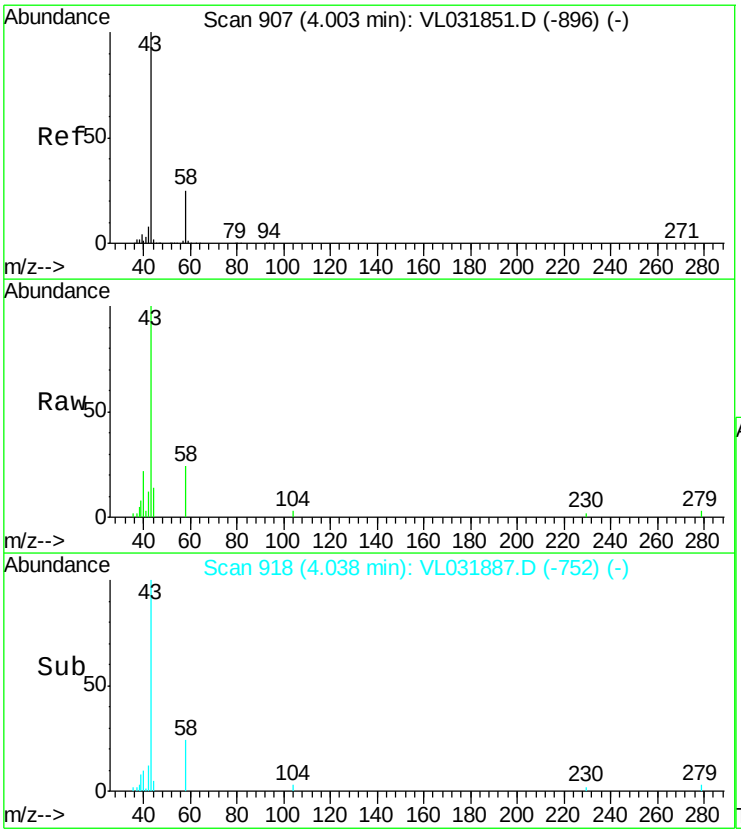
#14
Bromoethene
Concen: 0.04 ppbv
RT: 3.89 min Scan# 872
Delta R.T. -0.00 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion:108 Resp: 1894

Ion	Ratio	Lower	Upper
108	100		
106	0.0	86.6	130.0#
79	0.0	15.5	23.3#

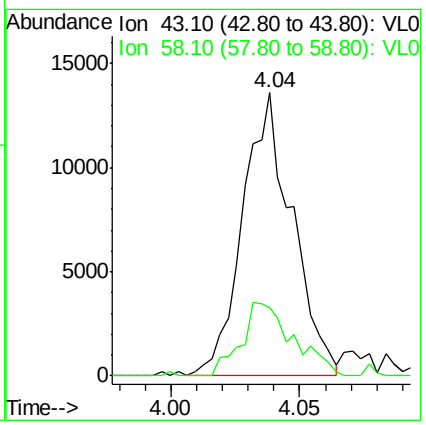


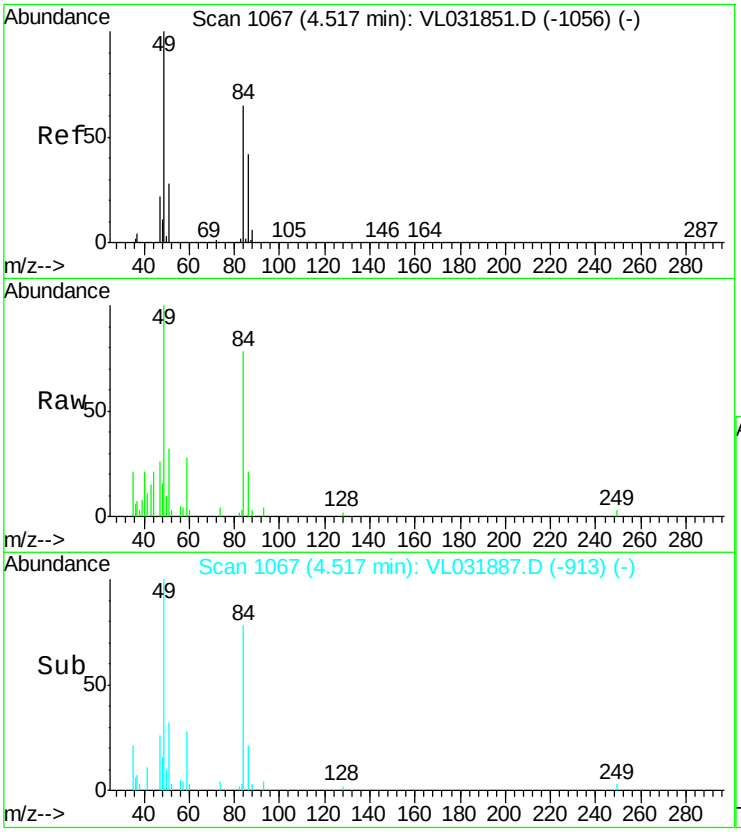


#15
Acetone
Concen: 0.11 ppbv
RT: 4.04 min Scan# 918
Delta R.T. 0.04 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion: 43 Resp: 18235

Ion	Ratio	Lower	Upper
43	100		
58	28.3	20.9	31.3



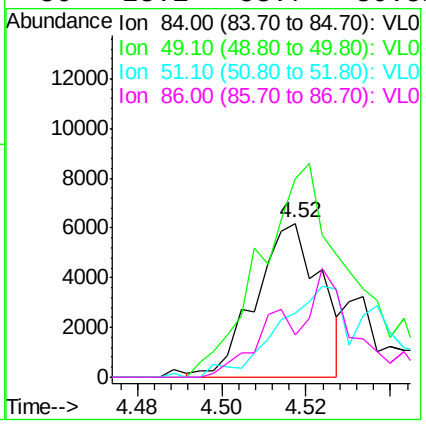


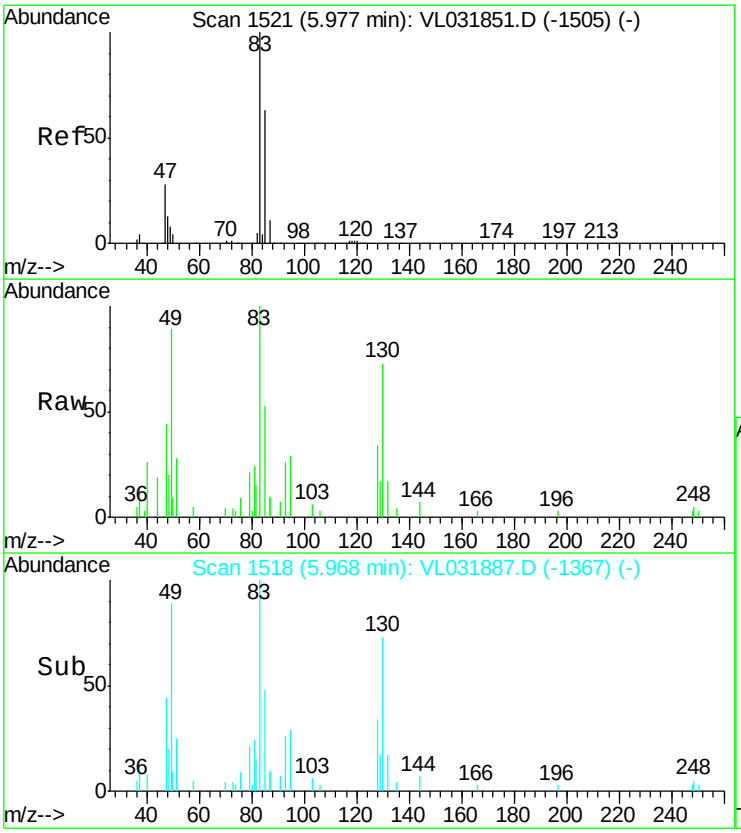
#20
Methylene Chloride
Concen: 0.11 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion: 84 Resp: 6594

Ion	Ratio	Lower	Upper
84	100		
49	132.8	125.6	188.4
51	42.3	36.4	54.6
86	28.1	53.7	80.5#

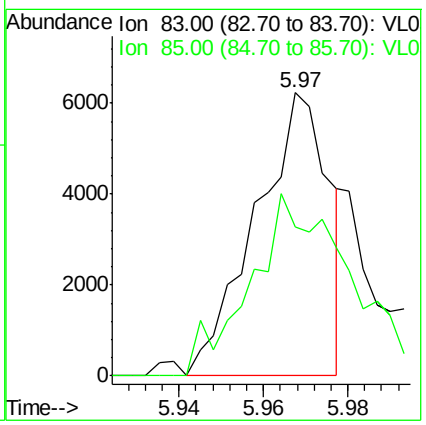


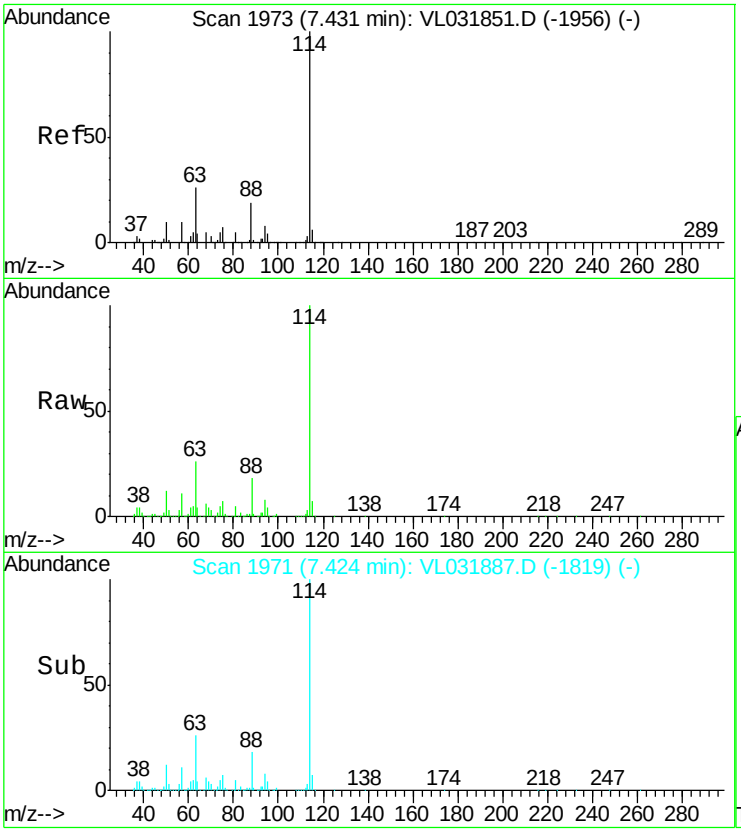


#29
Chloroform
Concen: 0.04 ppbv
RT: 5.97 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion: 83 Resp: 7462

Ion	Ratio	Lower	Upper
83	100		
85	52.7	51.4	77.0



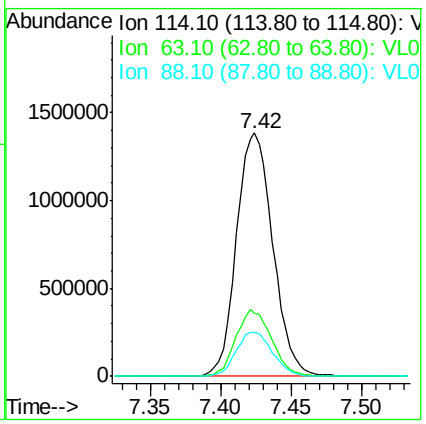


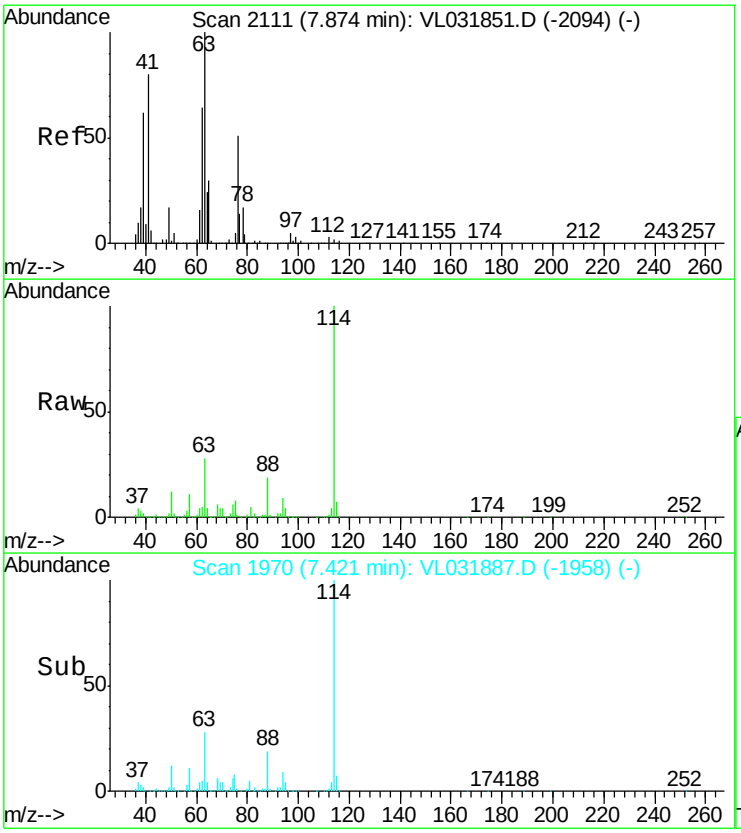
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion:114 Resp: 2498666

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.8	32.6
88	18.5	14.6	22.0

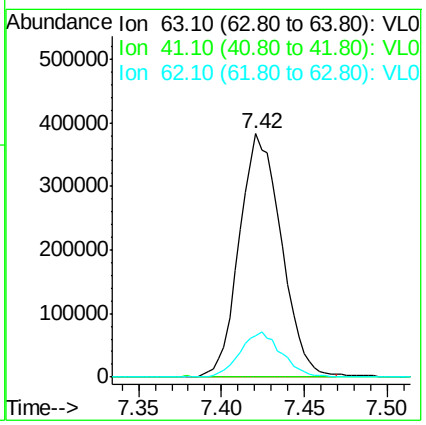


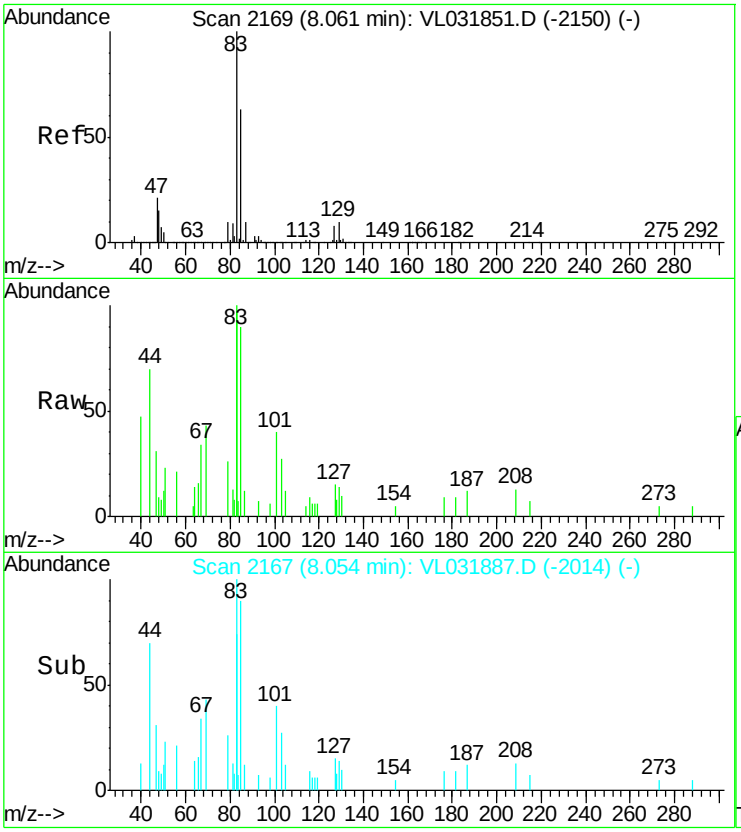


#39
1,2-Dichloropropane
Concen: 8.04 ppbv
RT: 7.42 min Scan# 1970
Delta R.T. -0.46 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion: 63 Resp: 671368

Ion	Ratio	Lower	Upper
63	100		
41	0.1	65.8	98.6#
62	17.1	55.0	82.6#



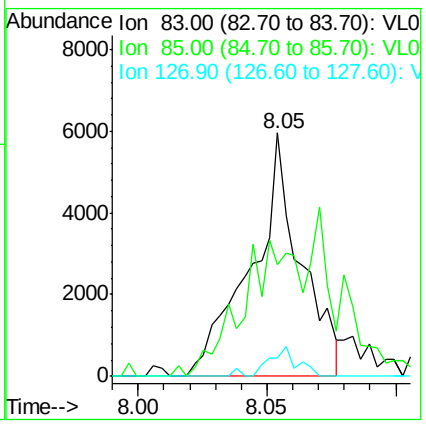


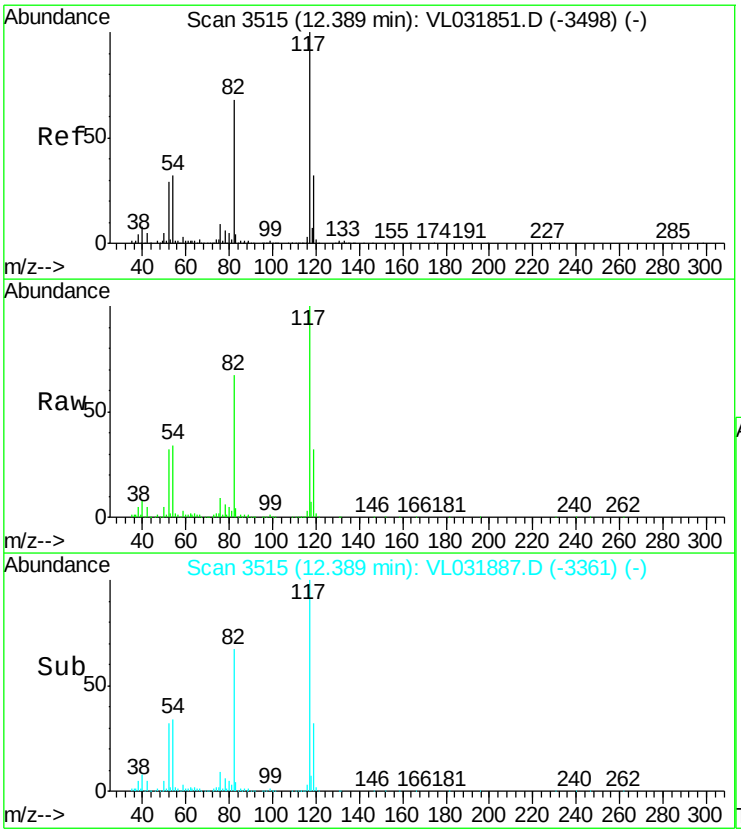
#42
Bromodichloromethane
Concen: 0.04 ppbv
RT: 8.05 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion: 83 Resp: 7878

Ion	Ratio	Lower	Upper
83	100		
85	45.9	50.5	75.7#
127	7.7	6.0	9.0

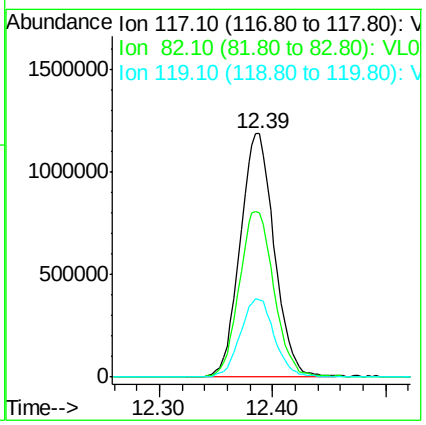


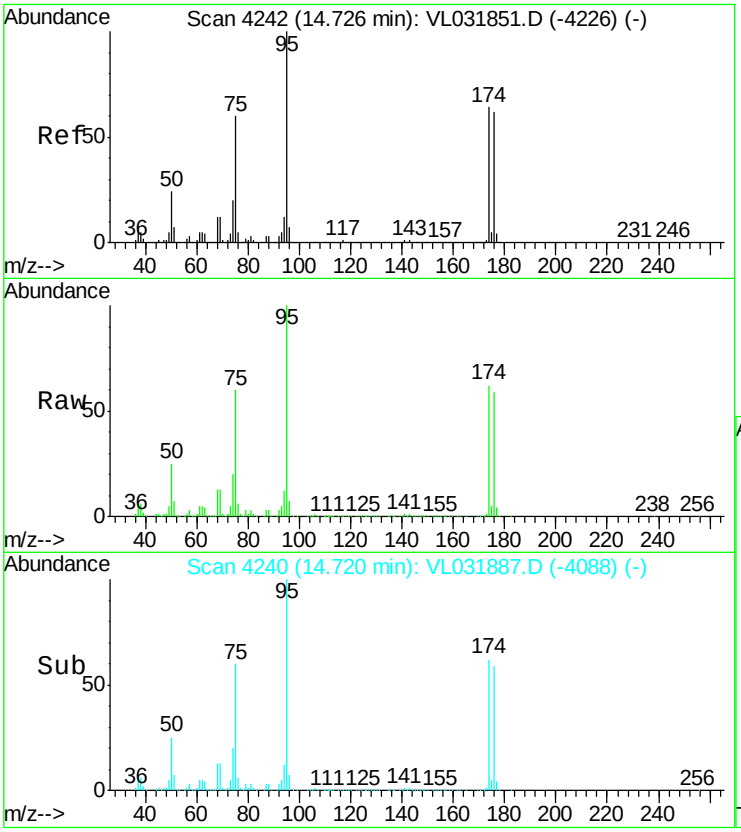


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion:117 Resp: 2487064

Ion	Ratio	Lower	Upper
117	100		
82	69.9	54.6	81.8
119	32.4	26.0	39.0



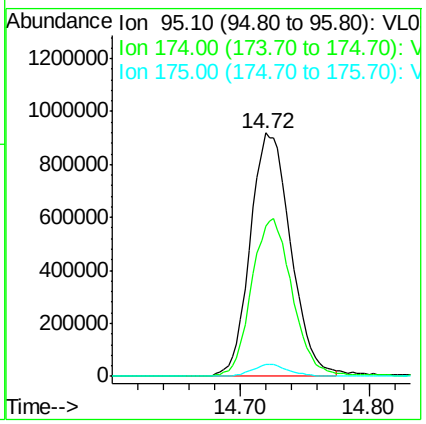


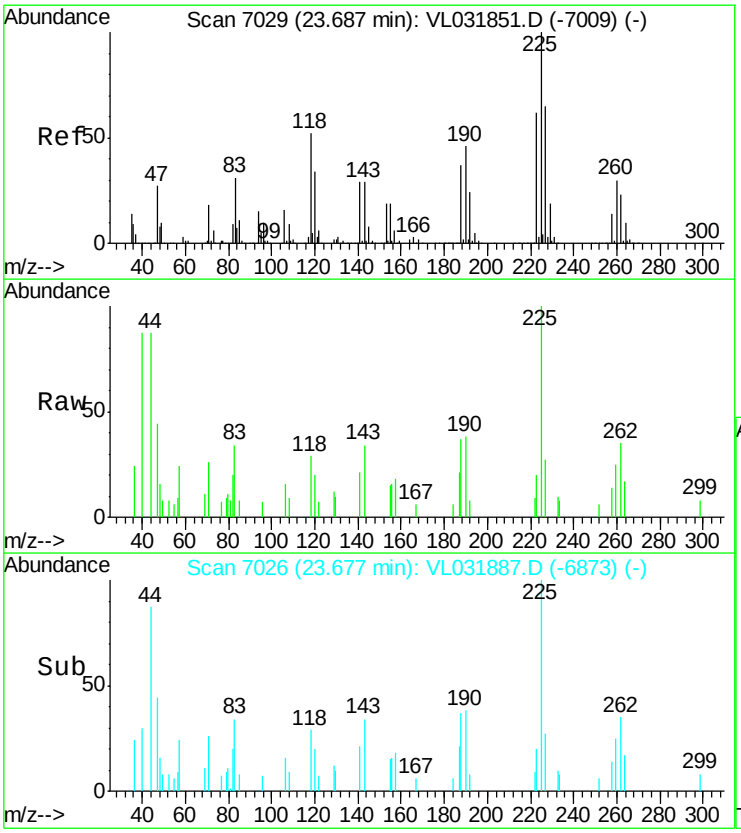
#68
1-Bromo-4-Fluorobenzene
Concen: 10.05 ppbv
RT: 14.72 min Scan# 4240
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2018

Tgt Ion: 95 Resp: 2010539

Ion	Ratio	Lower	Upper
95	100		
174	66.2	52.3	78.5
175	4.7	3.9	5.9





#78
Hexachloro-1,3-Butadiene
Concen: 0.04 ppbv
RT: 23.68 min Scan# 7026
Delta R.T. -0.01 min
Lab File: VL031887.D
Acq: 19 Apr 2018 20:58

Tgt Ion:225 Resp: 2652

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	0.0	52.2	78.4#