Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\

Quantitation Report (Not Reviewed)

Data File : VL031894.D
Acq On : 20 Apr 2018 10:30
Operator : SY/AP
Sample : QC041818 CAN 10270
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC041818 CAN 10270

Quant Time: Apr 21 02:15:35 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	1213423	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2731930	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.38	117	2585214	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	2114191	10.17	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	10664	0.04	ppbv	#	80
3) Chlorodifluoromethane	3.10	51	6623	0.05	ppbv	#	87
4) Chloromethane	3.26	50	4418	0.06	ppbv	#	81
8) Dichlorotetrafluoroethane	3.31	85	9500	0.05	ppbv		86
15) Acetone	4.03	43	16041	0.09	ppbv		97
16) 1,3-Butadiene	3.45	39	2498	0.04	ppbv	#	10
20) Methylene Chloride	4.51	84	9635	0.14	ppbv	#	74
22) trans-1,2-Dichloroethene	5.08	96	4103	0.06	ppbv	#	67
25) Ethyl Acetate	5.90	43	13311	0.05	ppbv	#	88
27) Carbon Disulfide	4.74	76	8647	0.05	ppbv	#	78
39) 1,2-Dichloropropane	7.41	63	718024	7.86	ppbv	#	20
57) Chlorobenzene	12.45	112	10610	0.05	ppbv	#	60
80) Naphthalene,2-methyl-	25.21	142	1366	0.04	ppbv	#	38

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

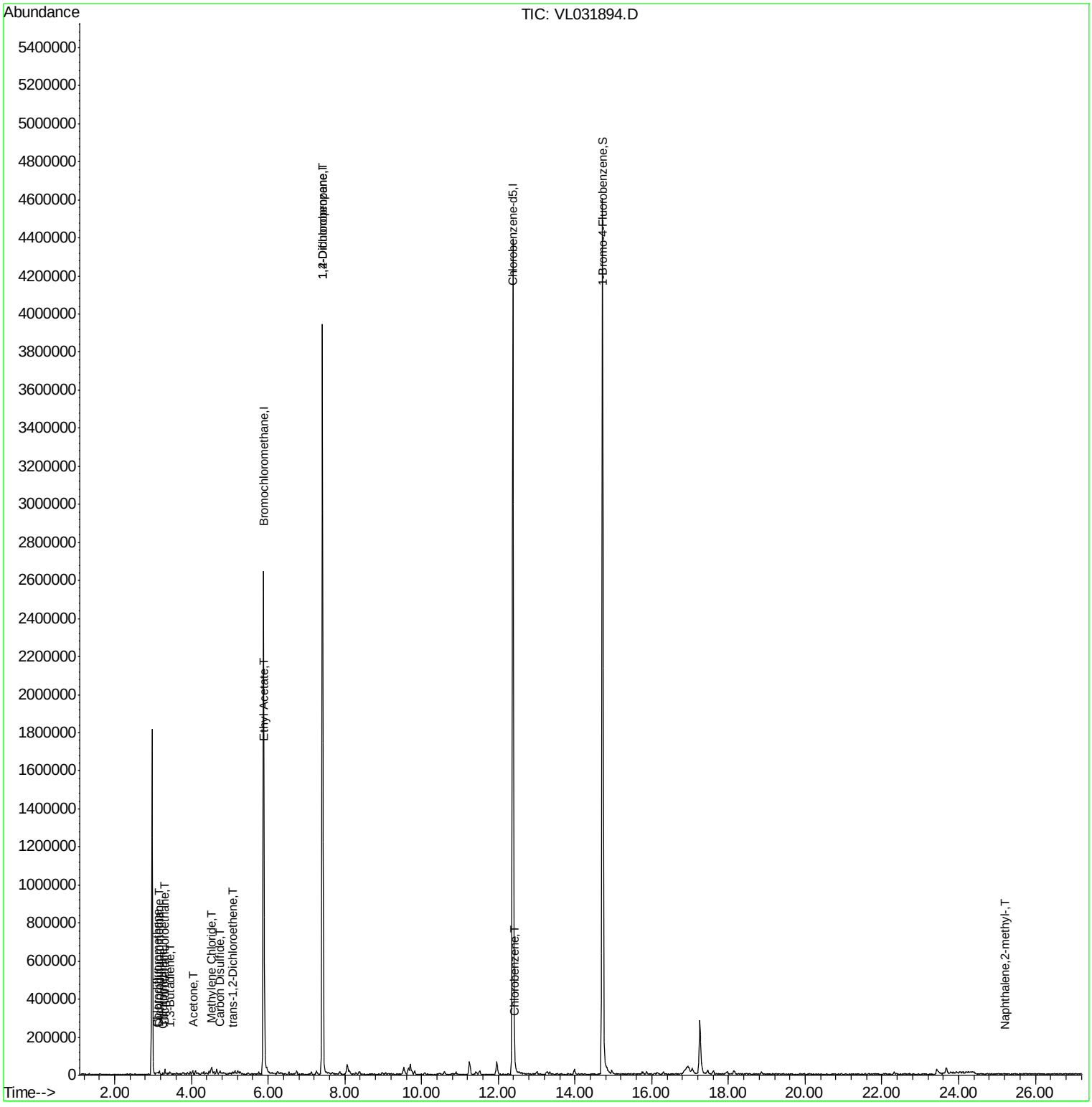
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\

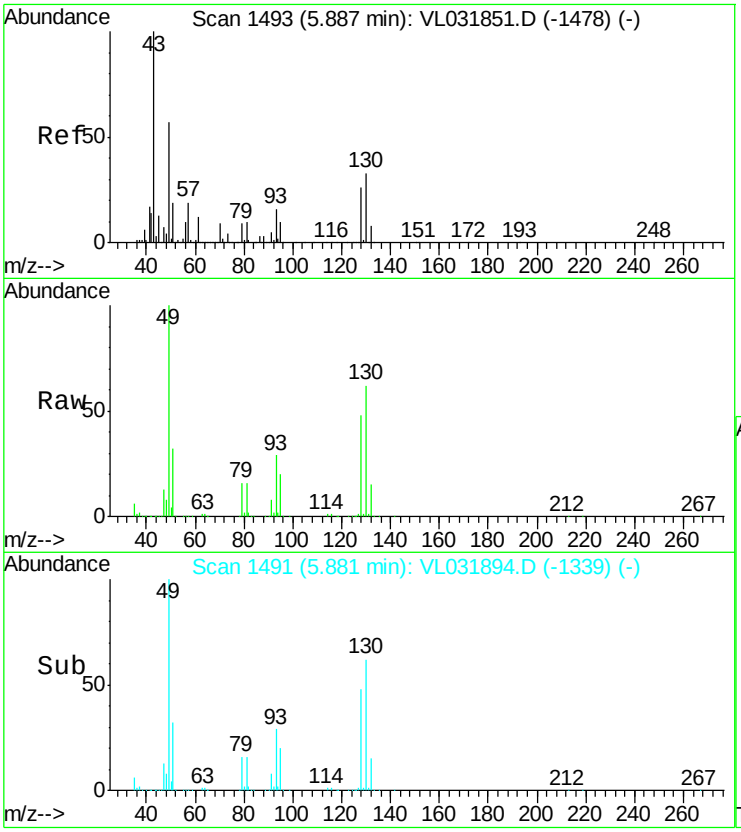
Quantitation Report (Not Reviewed)

Data File : VL031894.D
Acq On : 20 Apr 2018 10:30
Operator : SY/AP
Sample : QC041818 CAN 10270
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Quant Time: Apr 21 02:15:35 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



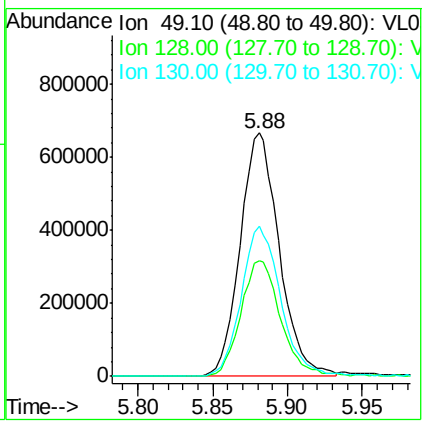


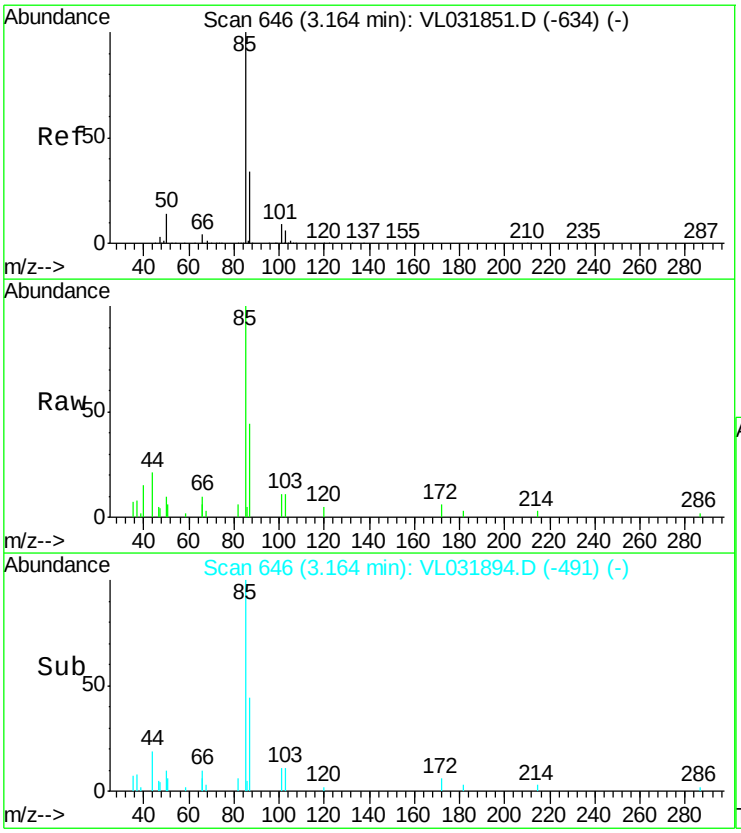
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 49 Resp: 1213423

Ion	Ratio	Lower	Upper
49	100		
128	48.9	23.9	71.7
130	62.8	30.9	92.7

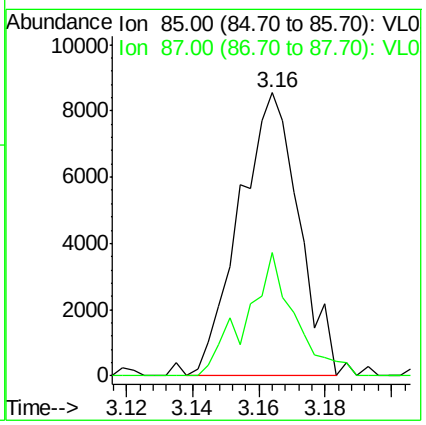


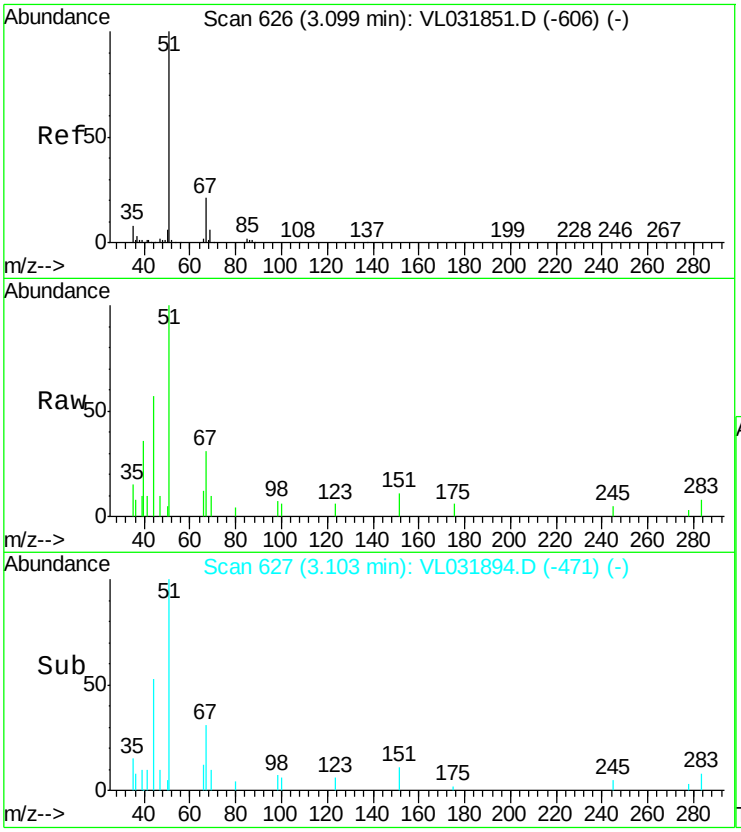


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.16 min Scan# 646
Delta R.T. -0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion: 85 Resp: 10664

Ion	Ratio	Lower	Upper
85	100		
87	43.8	25.9	38.9#



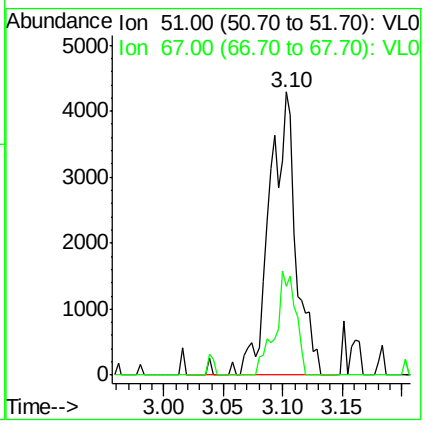


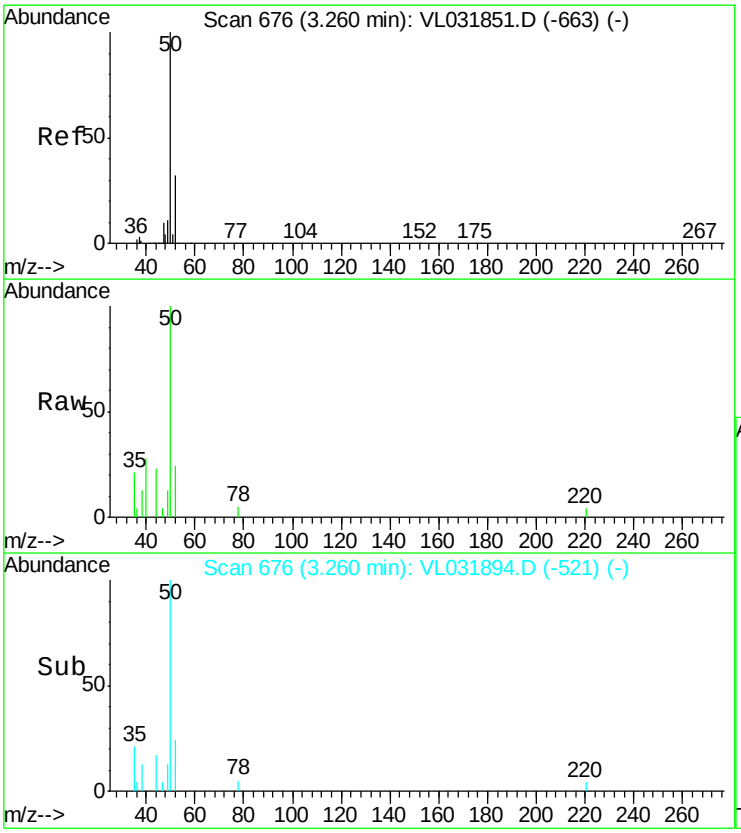
#3
Chlorodifluoromethane
Concen: 0.05 ppbv
RT: 3.10 min Scan# 627
Delta R.T. 0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 51 Resp: 6623

Ion	Ratio	Lower	Upper
51	100		
67	28.0	17.5	26.3#

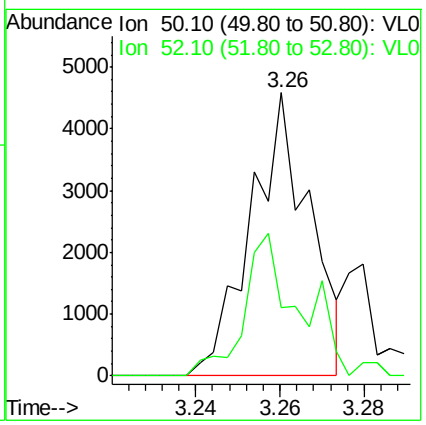


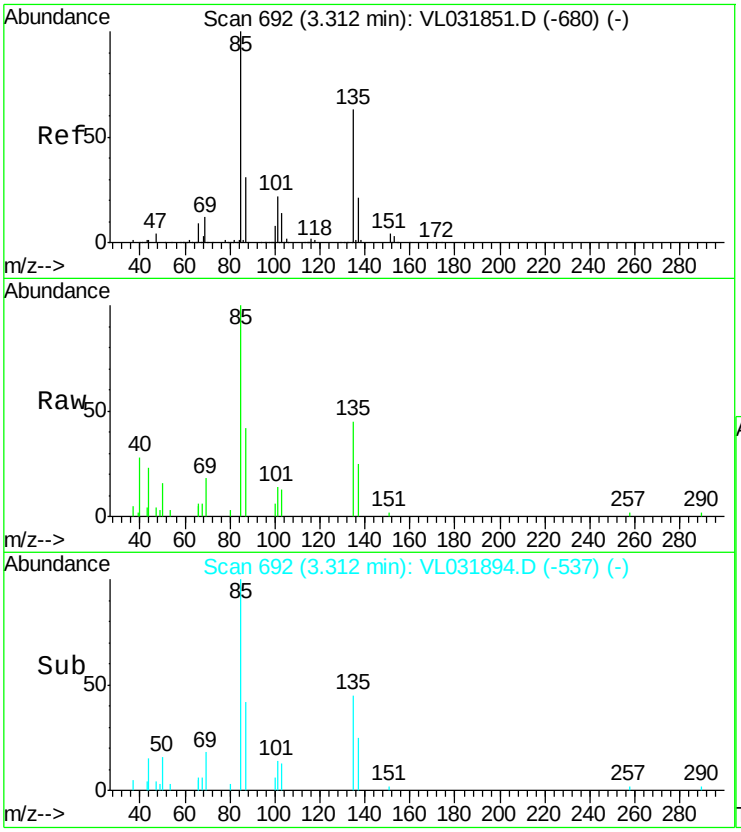


#4
Chloromethane
Concen: 0.06 ppbv
RT: 3.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion: 50 Resp: 4418

Ion	Ratio	Lower	Upper
50	100		
52	24.2	28.1	42.1#



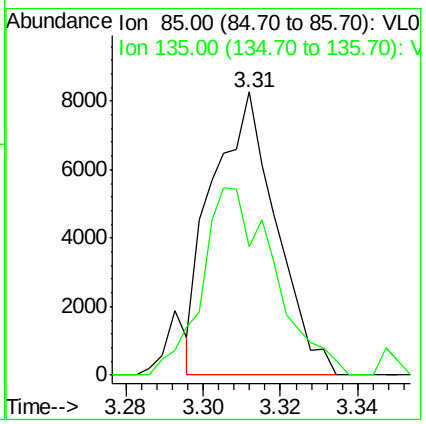


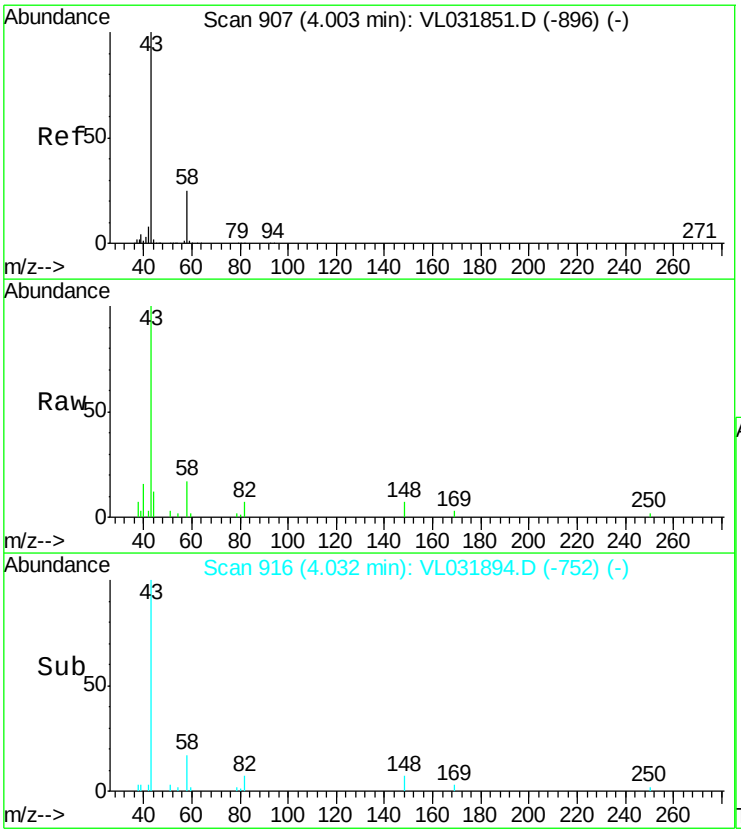
#8
Dichlorotetrafluoroethane
Concen: 0.05 ppbv
RT: 3.31 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 85 Resp: 9500

Ion	Ratio	Lower	Upper
85	100		
135	77.3	52.7	79.1

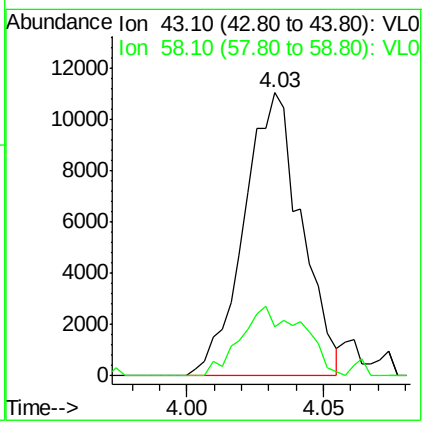


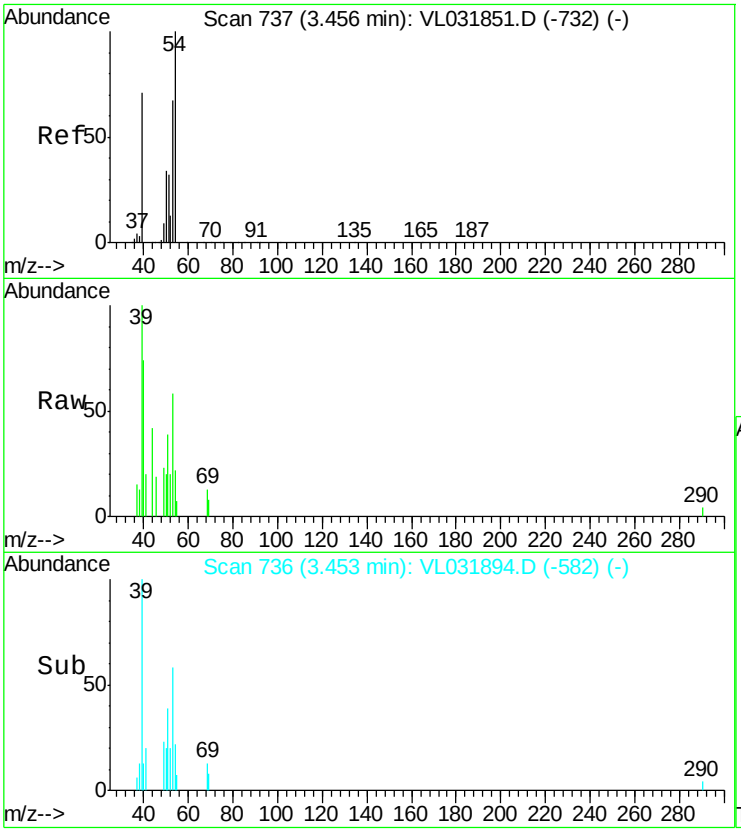


#15
Acetone
Concen: 0.09 ppbv
RT: 4.03 min Scan# 916
Delta R.T. 0.03 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion: 43 Resp: 16041

Ion	Ratio	Lower	Upper
43	100		
58	27.9	20.9	31.3



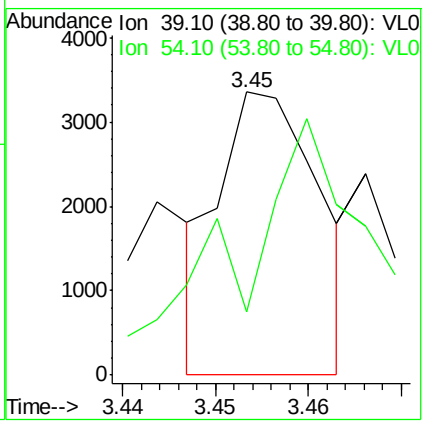


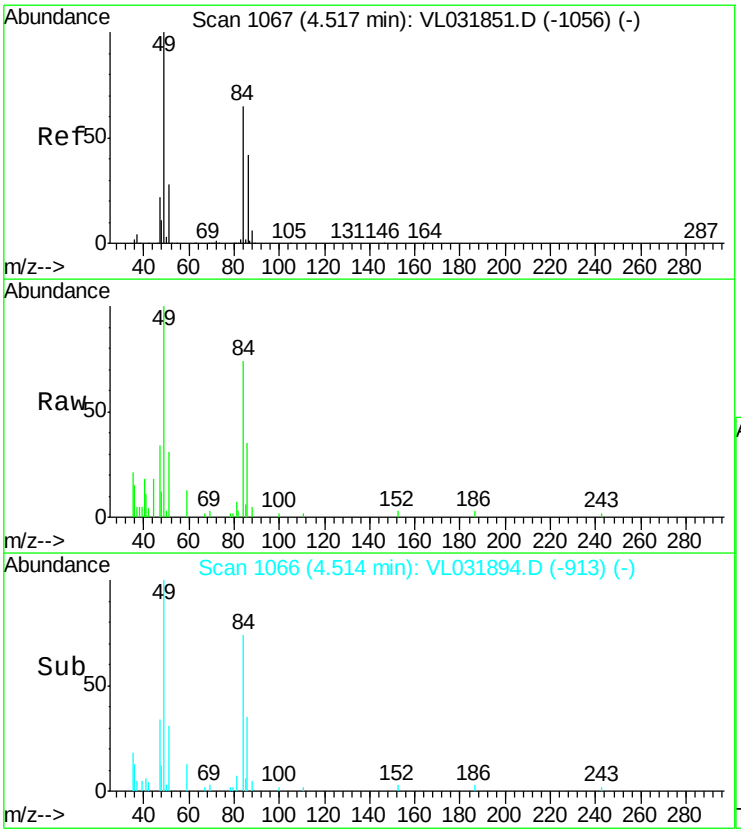
#16
1,3-Butadiene
Concen: 0.04 ppbv
RT: 3.45 min Scan# 736
Delta R.T. -0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 39 Resp: 2498

Ion	Ratio	Lower	Upper
39	100		
54	0.0	63.3	94.9#

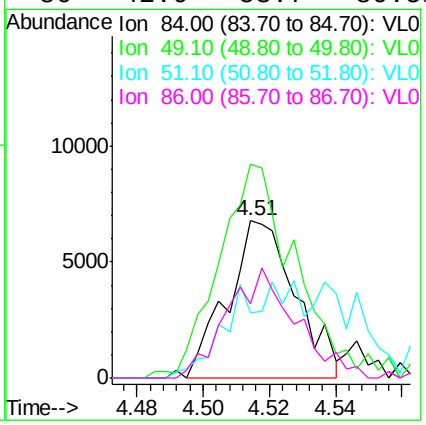


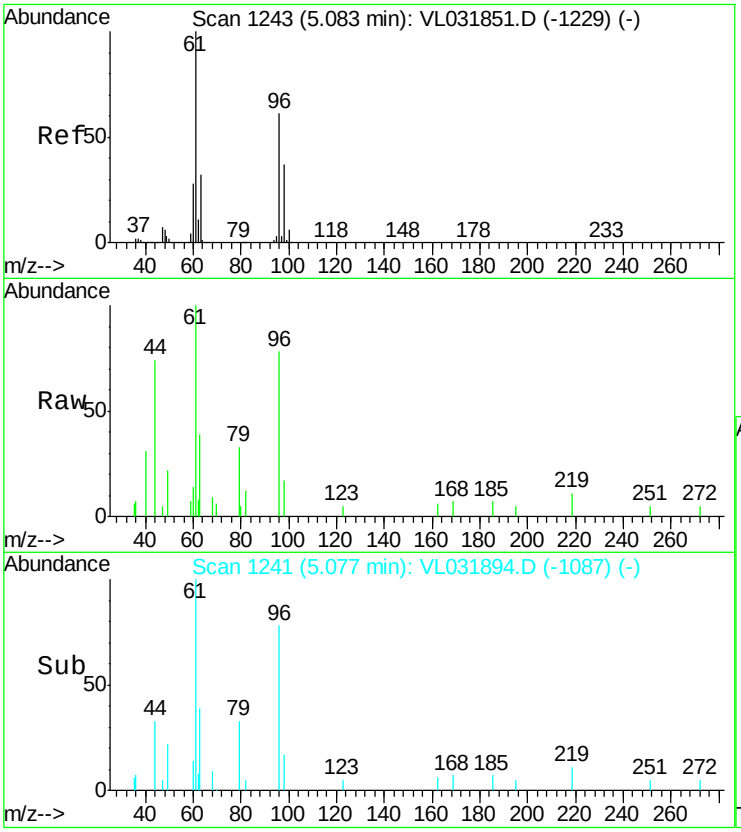


#20
Methylene Chloride
Concen: 0.14 ppbv
RT: 4.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion: 84 Resp: 9635

Ion	Ratio	Lower	Upper
84	100		
49	120.6	125.6	188.4#
51	36.0	36.4	54.6#
86	42.0	53.7	80.5#



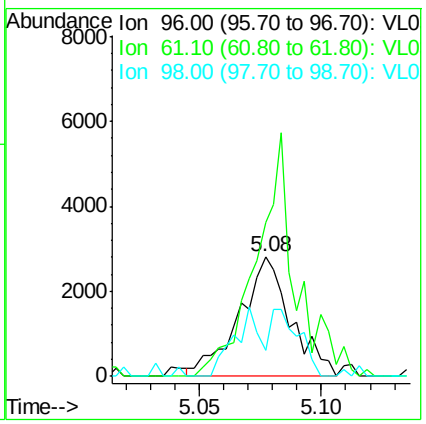


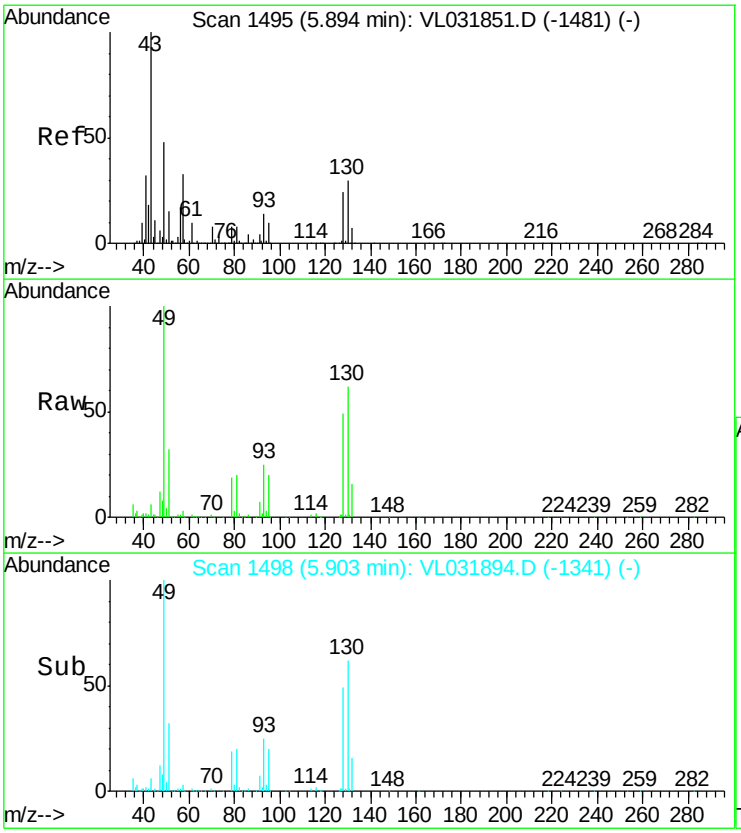
#22
trans-1,2-Dichloroethene
Concen: 0.06 ppbv
RT: 5.08 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 96 Resp: 4103

Ion	Ratio	Lower	Upper
96	100		
61	128.5	131.1	196.7#
98	21.4	47.6	71.4#

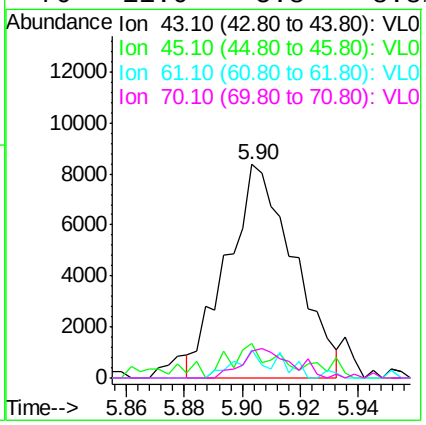


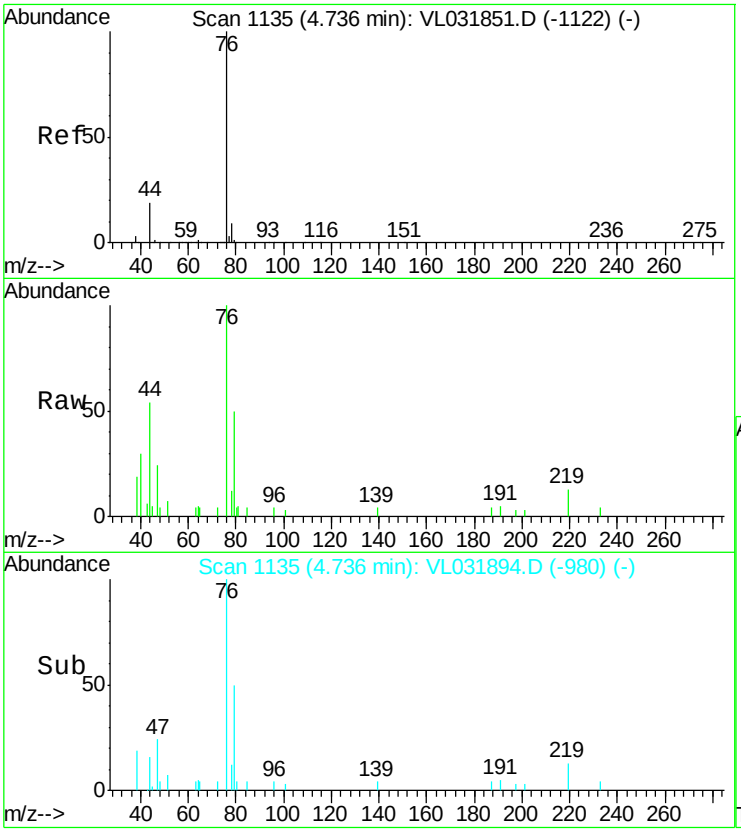


#25
Ethyl Acetate
Concen: 0.05 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion: 43 Resp: 13311

Ion	Ratio	Lower	Upper
43	100		
45	18.3	7.8	11.8#
61	8.9	7.2	10.8
70	11.0	5.8	8.8#



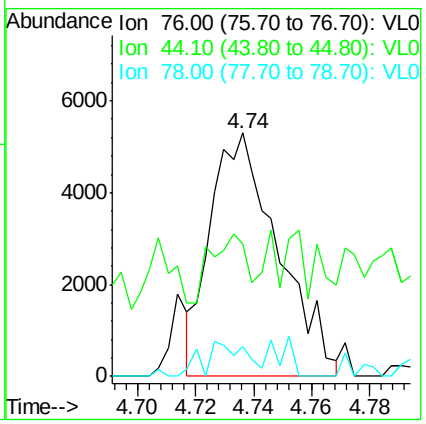


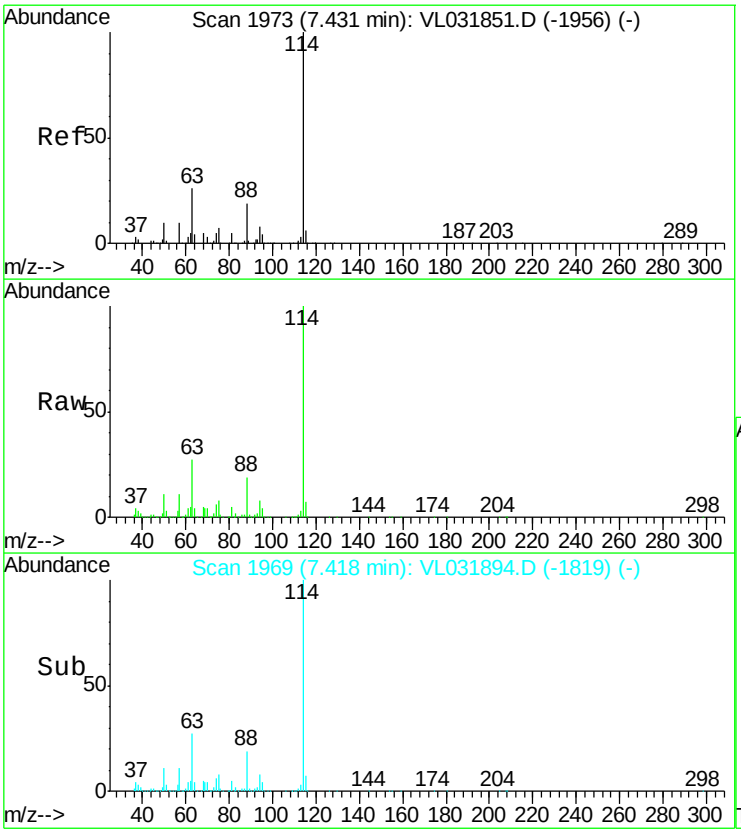
#27
Carbon Disulfide
Concen: 0.05 ppbv
RT: 4.74 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 76 Resp: 8647

Ion	Ratio	Lower	Upper
76	100		
44	32.5	15.6	23.4#
78	13.2	7.6	11.4#

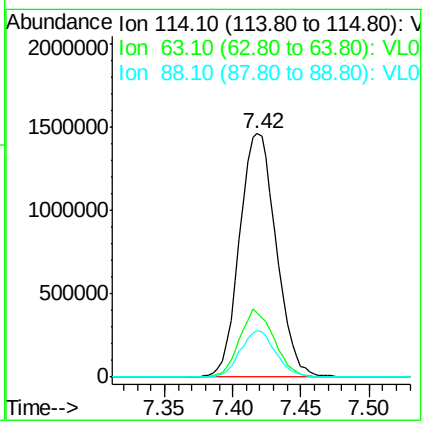


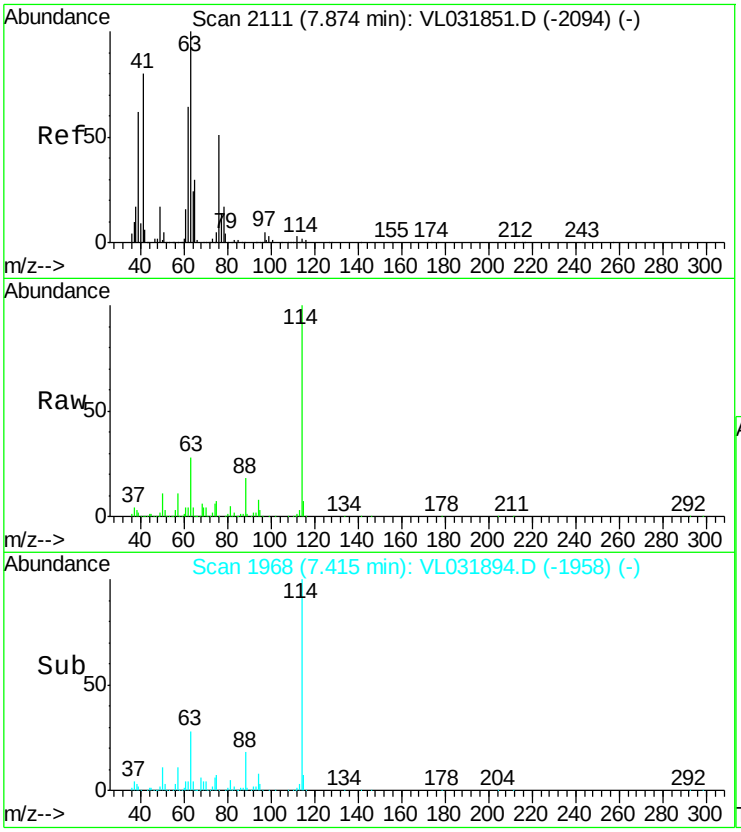


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1969
Delta R.T. -0.02 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion:114 Resp: 2731930

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.8	32.6
88	18.3	14.6	22.0



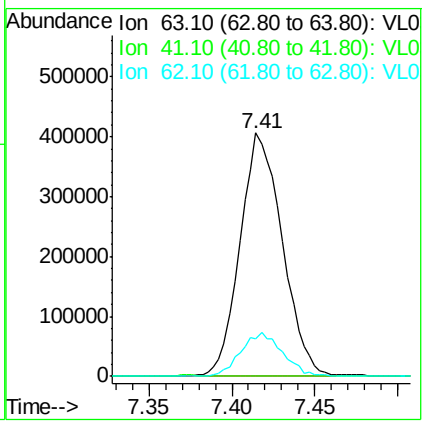


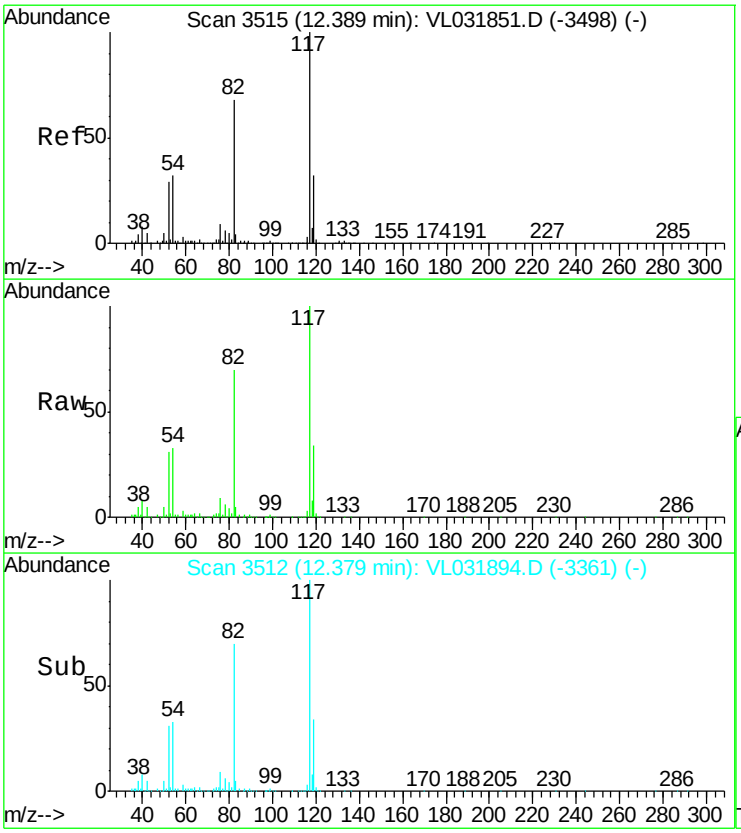
#39
1,2-Dichloropropane
Concen: 7.86 ppbv
RT: 7.41 min Scan# 1968
Delta R.T. -0.47 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion: 63 Resp: 718024

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.8	98.6#
62	15.4	55.0	82.6#

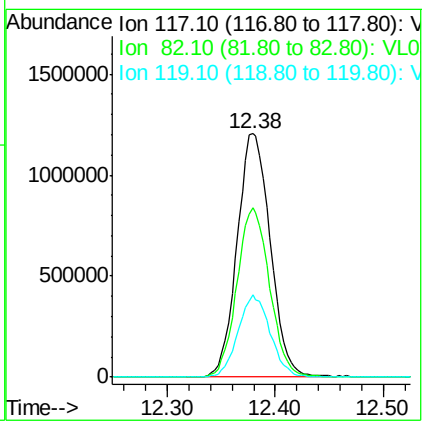


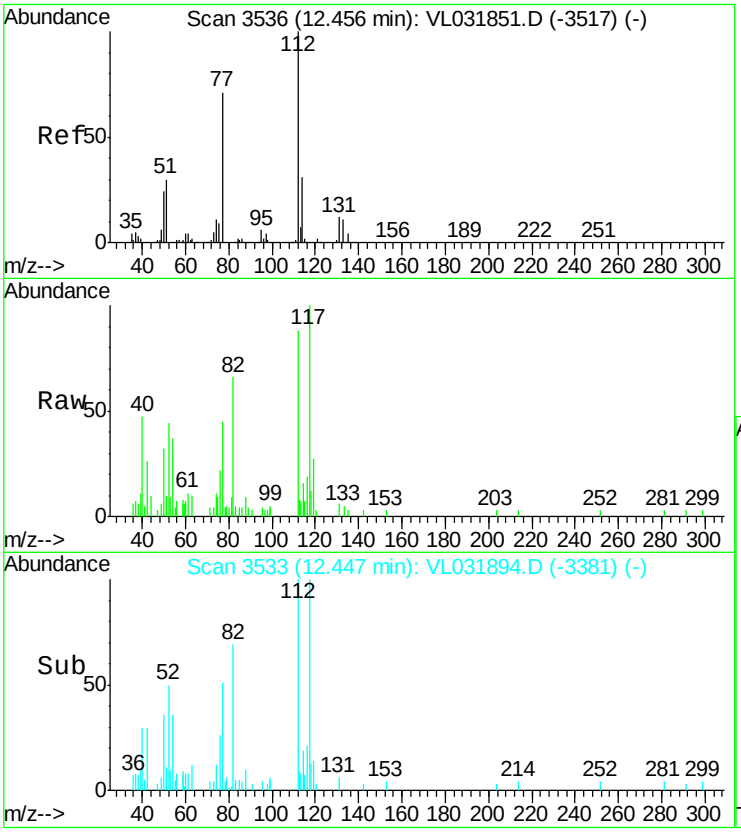


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.38 min Scan# 3512
Delta R.T. -0.01 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion:117 Resp: 2585214

Ion	Ratio	Lower	Upper
117	100		
82	68.9	54.6	81.8
119	33.0	26.0	39.0



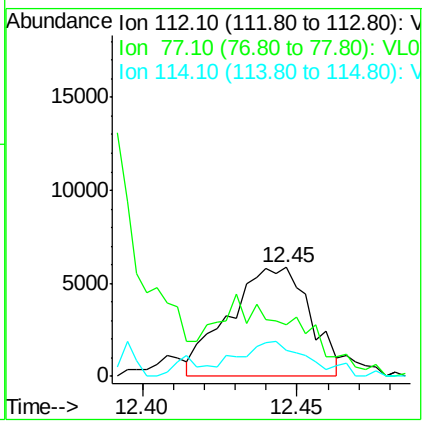


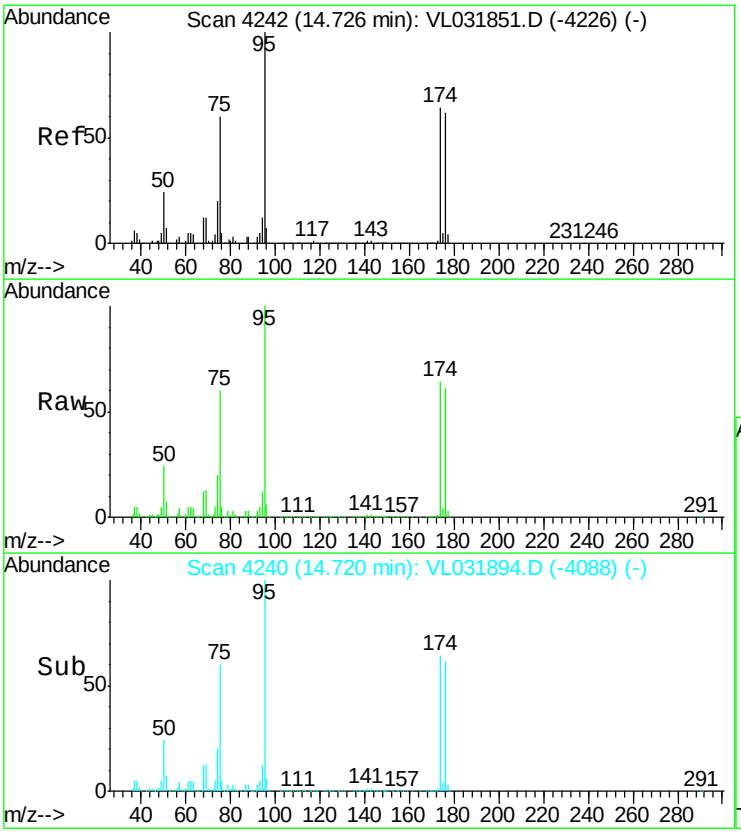
#57
Chlorobenzene
Concen: 0.05 ppbv
RT: 12.45 min Scan# 3533
Delta R.T. -0.01 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion:112 Resp: 10610

Ion	Ratio	Lower	Upper
112	100		
77	33.9	57.0	85.6#
114	16.4	28.5	34.9#

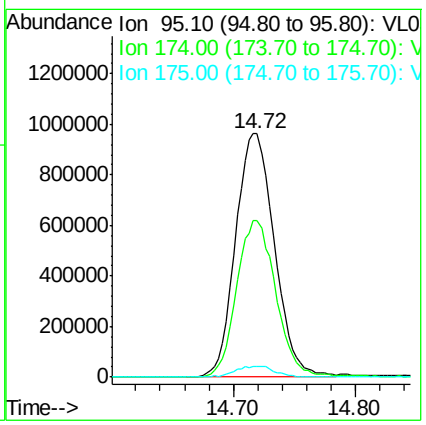


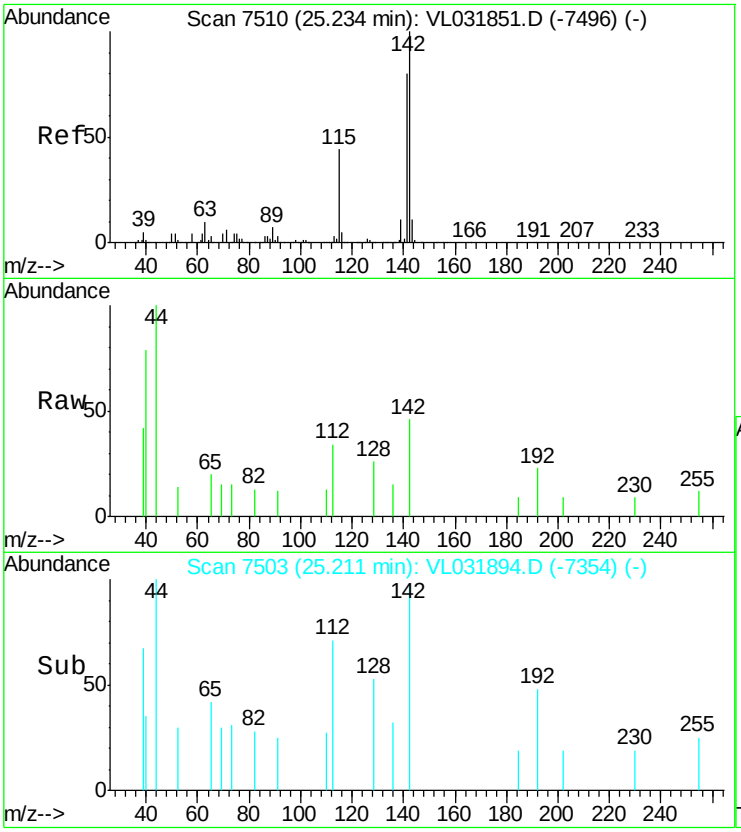


#68
1-Bromo-4-Fluorobenzene
Concen: 10.17 ppbv
RT: 14.72 min Scan# 4240
Delta R.T. -0.01 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Tgt Ion: 95 Resp: 2114191

Ion	Ratio	Lower	Upper
95	100		
174	65.9	52.3	78.5
175	4.7	3.9	5.9





#80
Naphthalene,2-methyl-
Concen: 0.04 ppbv
RT: 25.21 min Scan# 7503
Delta R.T. -0.02 min
Lab File: VL031894.D
Acq: 20 Apr 2018 10:30

Instrument :
MSVOA_L
ClientSampleId :
QC041818 CAN 10270

Tgt Ion:142 Resp: 1366

Ion	Ratio	Lower	Upper
142	100		
141	0.0	67.0	100.4#
115	46.6	35.3	52.9