Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121318\
Data File : VL032988.D
Acq On : 13 Dec 2018 18:19
Operator : SY/AP
Sample : J6382-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : P00131-SG001-181212-01

Quant Time: Dec 14 01:09:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1118608	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3109181	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2940005	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2256170	10.39	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	7464	0.050	ppbv	94
3) Chlorodifluoromethane	2.99	51	14460	0.171	ppbv #	69
4) Chloromethane	3.17	50	10652	0.216	ppbv	94
9) Propene	3.05	41	6224	0.186	ppbv #	73
13) Ethanol	3.67	45	9741	0.845	ppbv #	40
15) Acetone	3.92	43	136278	1.419	ppbv	100
16) 1,3-Butadiene	3.35	39	5905	0.155	ppbv #	13
20) Methylene Chloride	4.41	84	51070	1.088	ppbv	88
25) Ethyl Acetate	5.79	43	23763	0.105	ppbv #	85
26) Hexane	5.78	57	27174	0.260	ppbv #	46
39) 1,2-Dichloropropane	7.29	63	793555	9.150	ppbv #	21
53) Toluene	9.94	91	28434	0.117	ppbv #	21

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121318\
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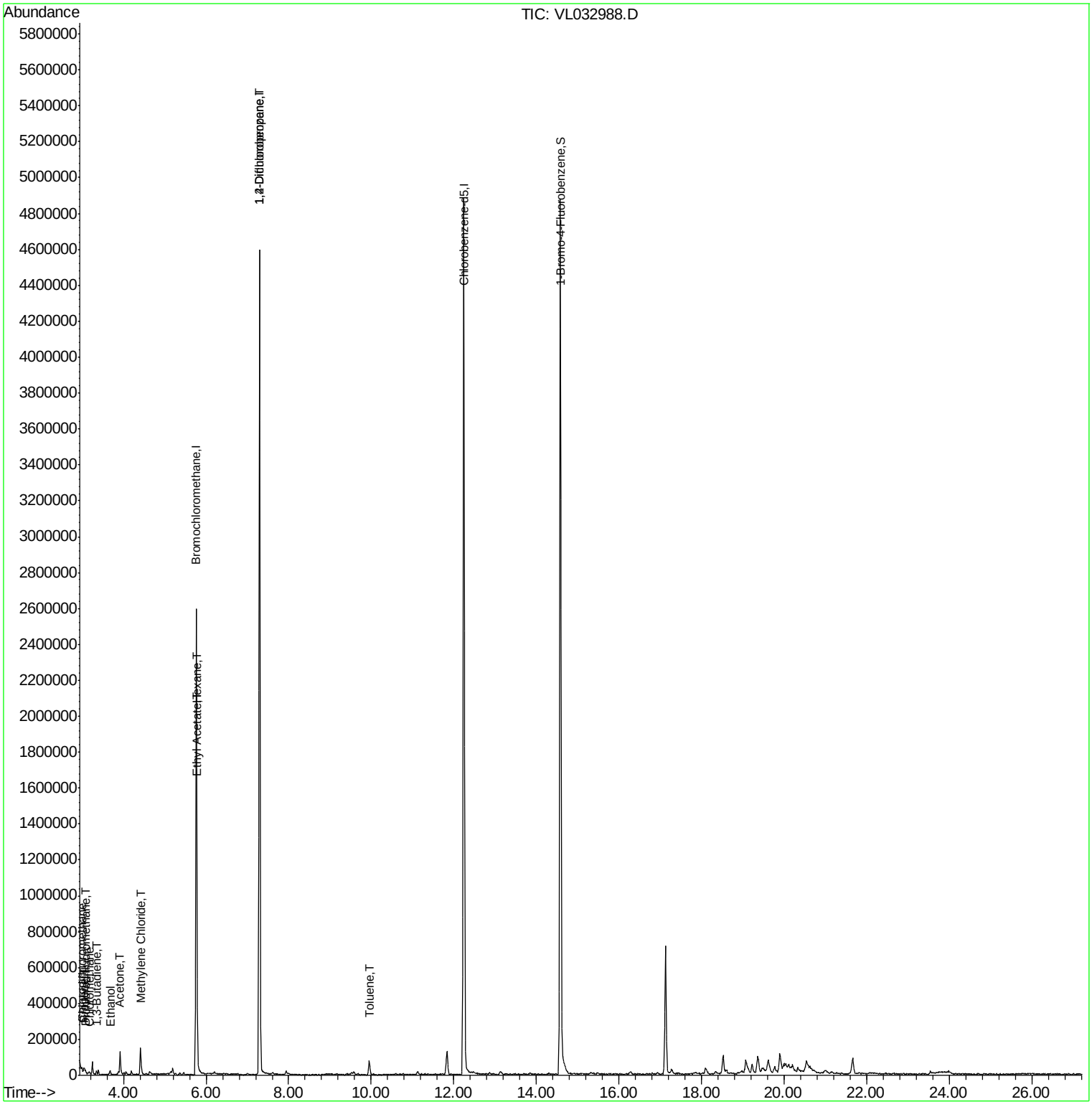
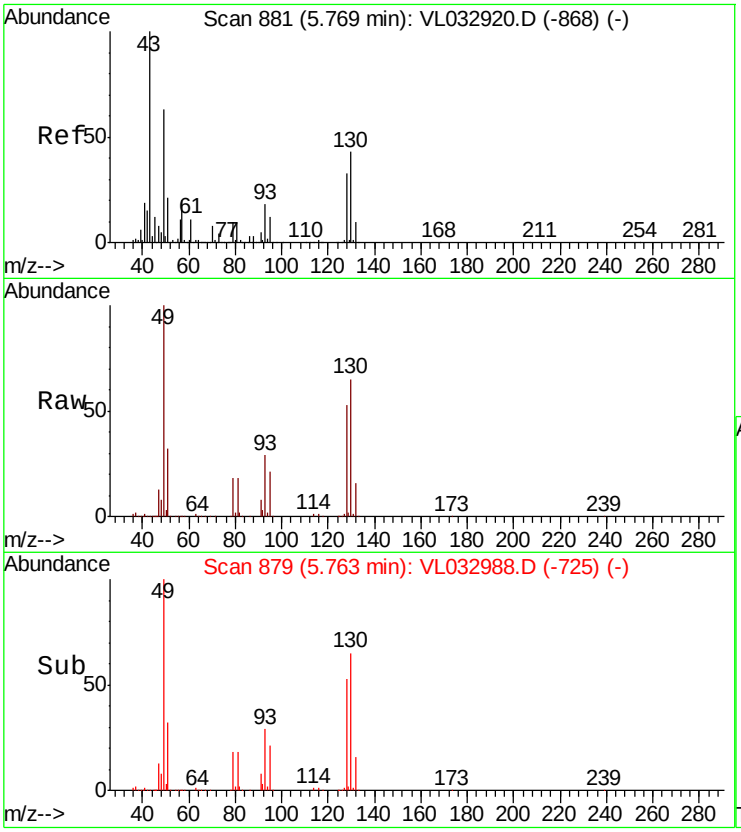
Acq On : 13 Dec 2018 18:19
Operator : SY/AP
Sample : J6382-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Quant Time: Dec 14 01:09:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



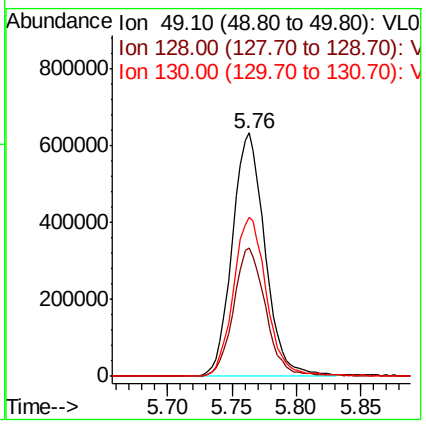


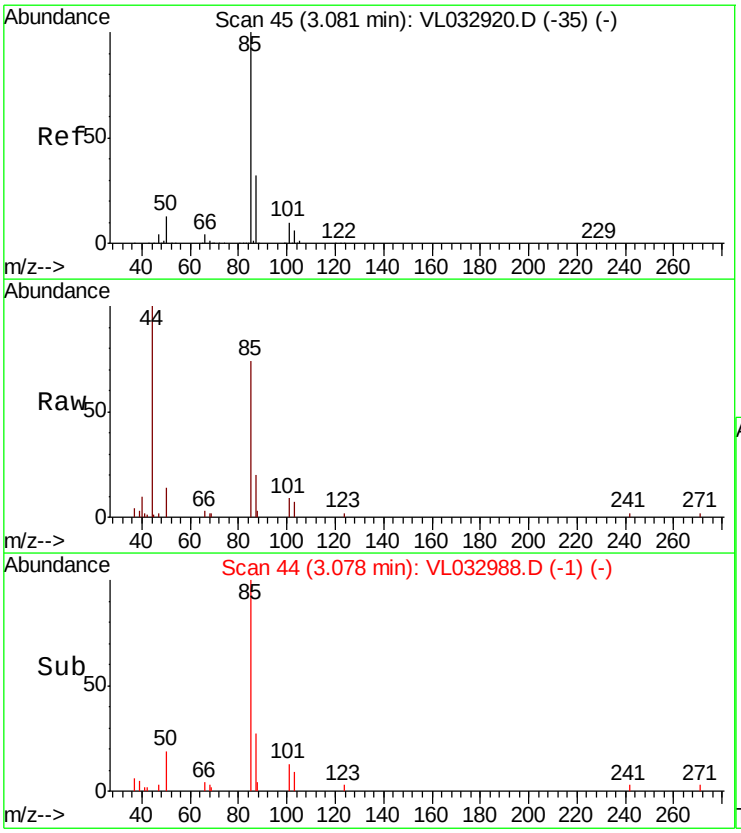
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tgt Ion: 49 Resp: 1118608

Ion	Ratio	Lower	Upper
49	100		
128	52.3	26.3	78.8
130	66.9	33.9	101.7

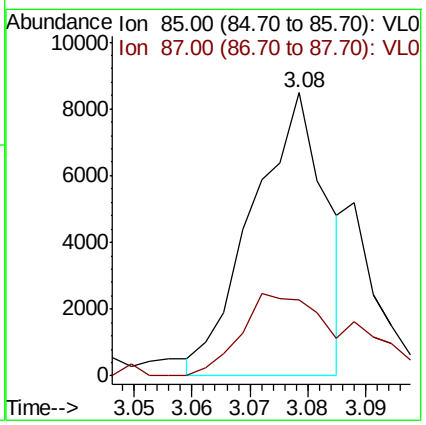


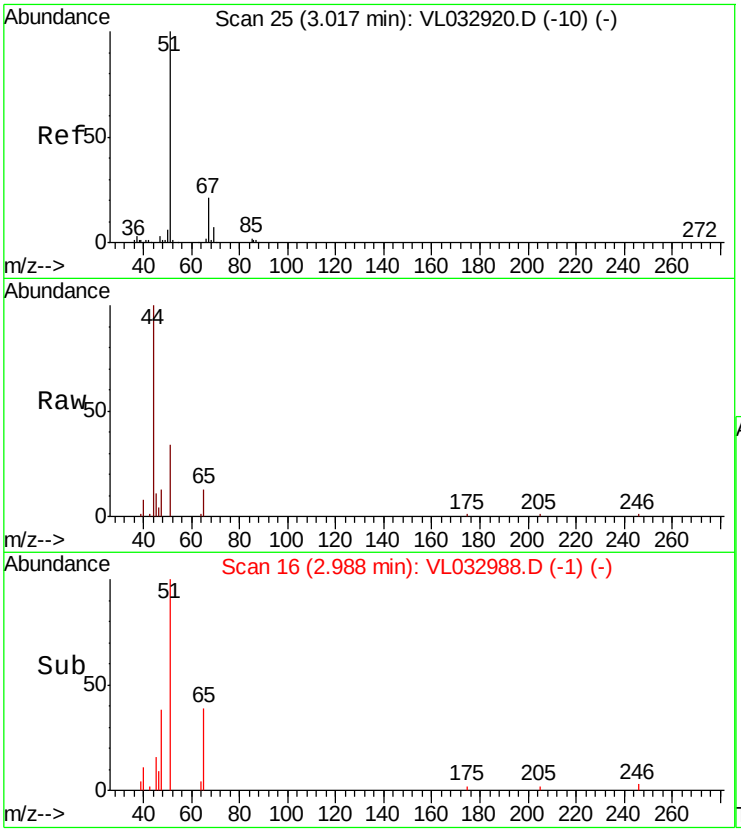


#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 85 Resp: 7464

Ion	Ratio	Lower	Upper
85	100		
87	28.8	25.7	38.5



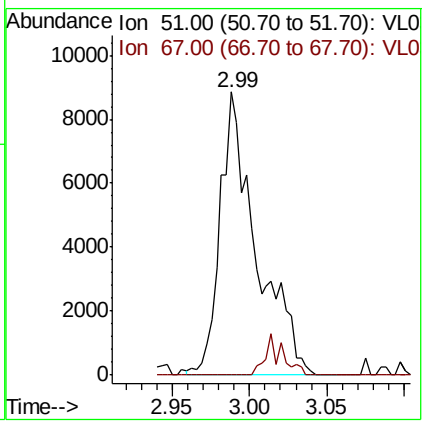


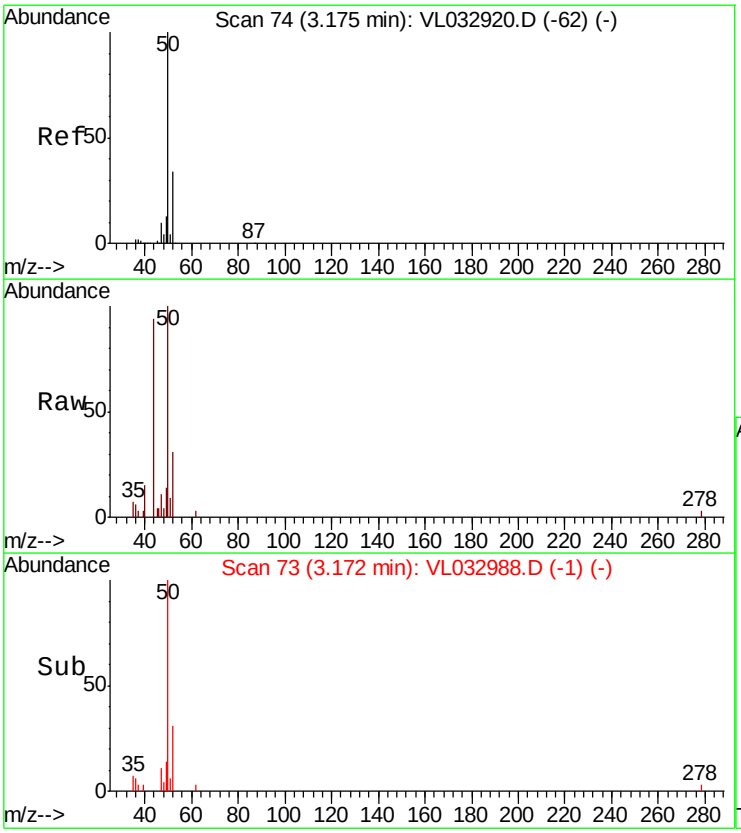
#3
Chlorodifluoromethane
Concen: 0.171 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tgt Ion: 51 Resp: 14460

Ion	Ratio	Lower	Upper
51	100		
67	6.7	16.8	25.2#

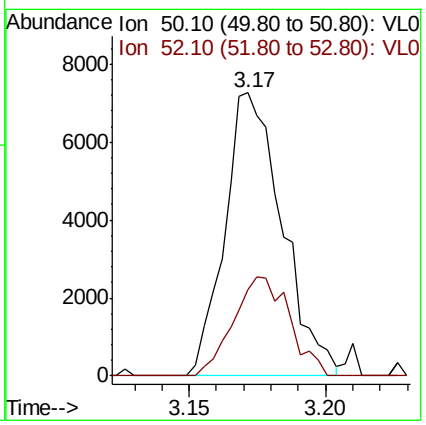


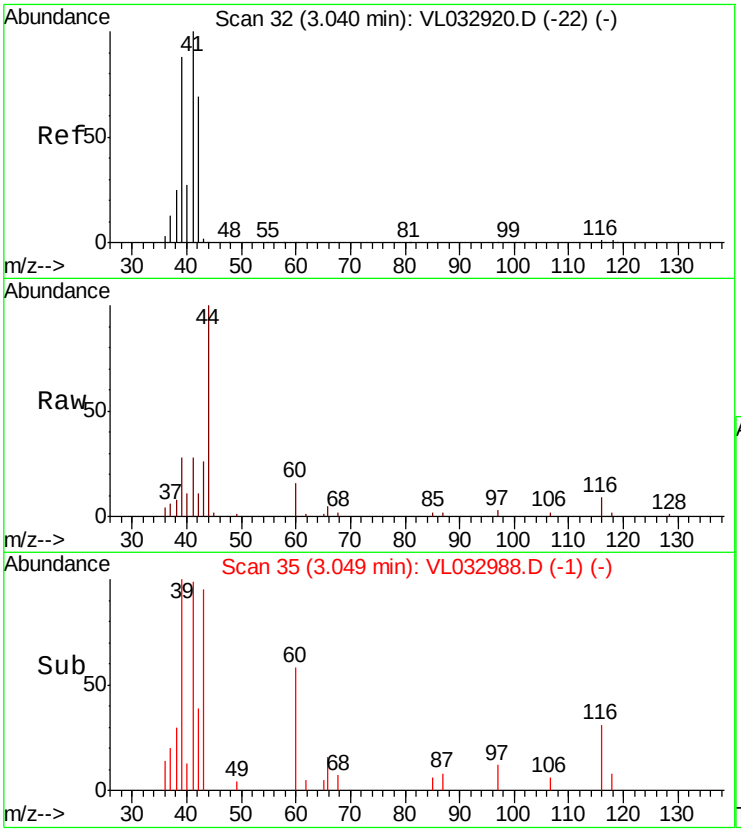


#4
Chloromethane
Concen: 0.216 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 50 Resp: 10652

Ion	Ratio	Lower	Upper
50	100		
52	30.6	27.3	40.9



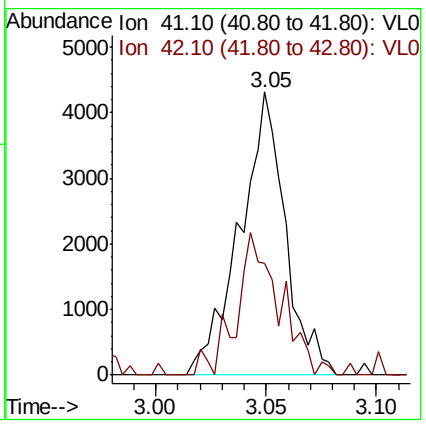


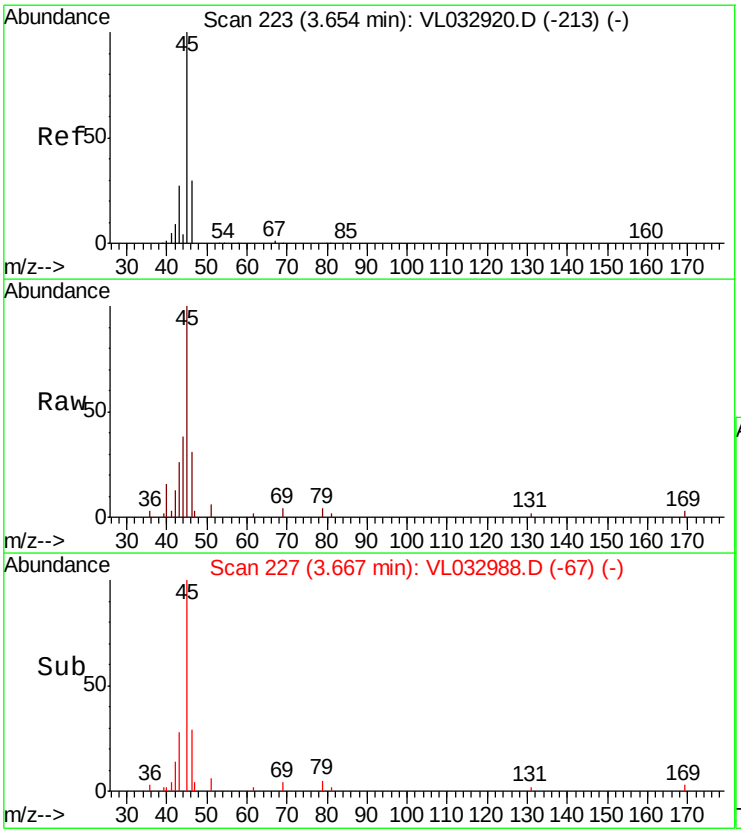
#9
Propene
Concen: 0.186 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tgt Ion: 41 Resp: 6224

Ion	Ratio	Lower	Upper
41	100		
42	48.2	56.2	84.2#

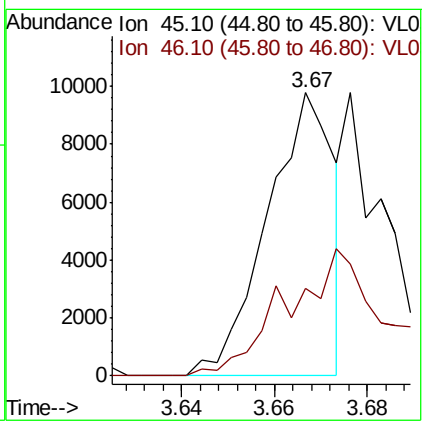


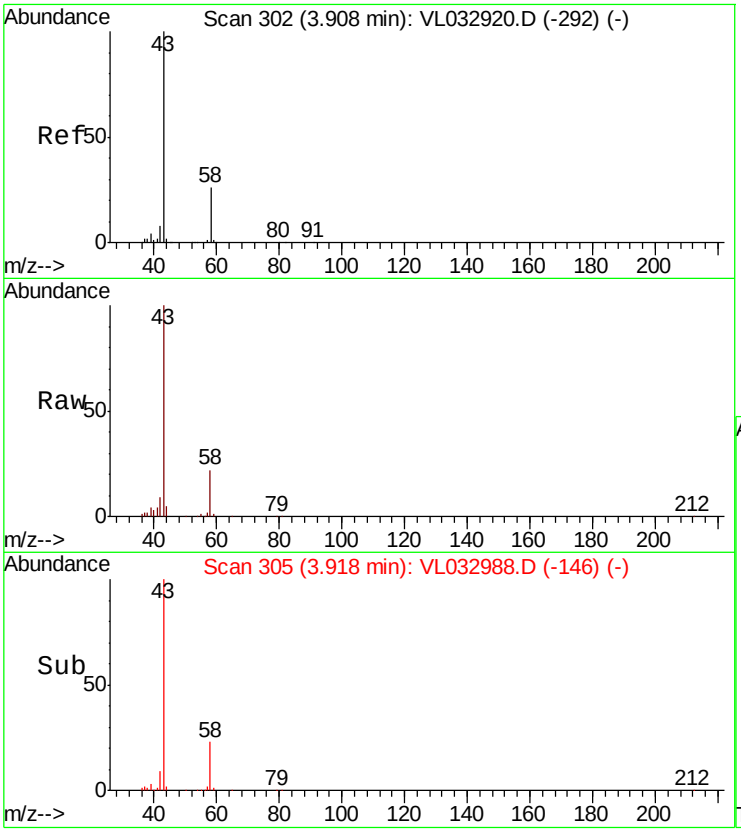


#13
Ethanol
Concen: 0.845 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 45 Resp: 9741

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#



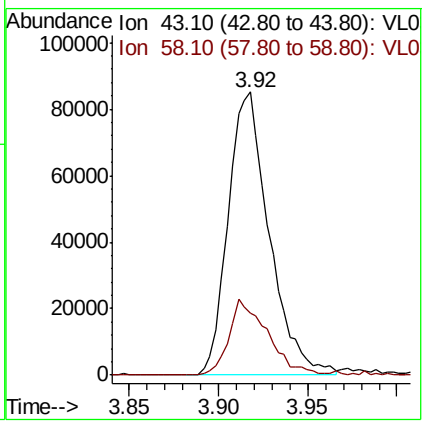


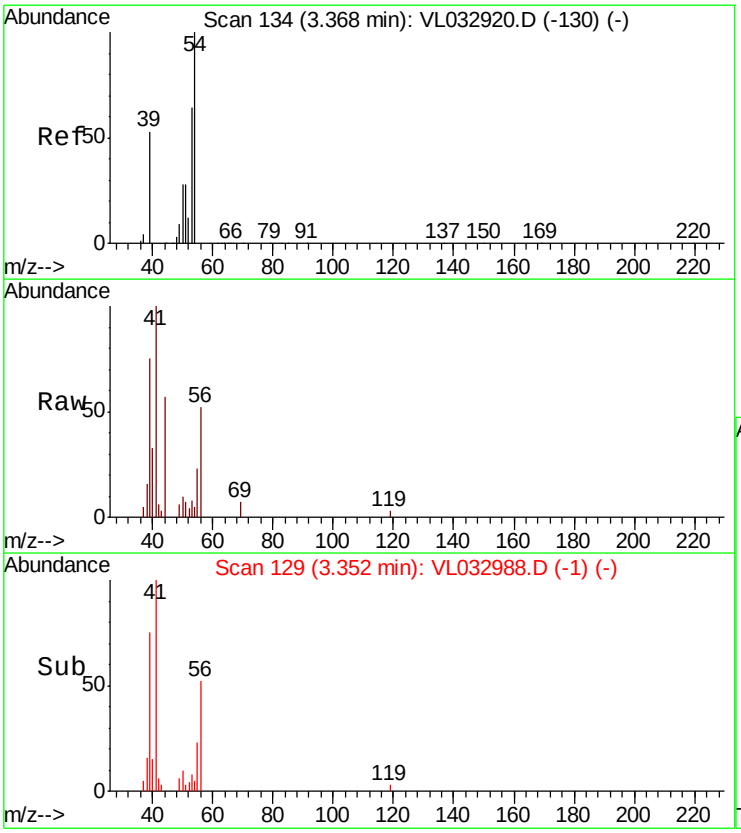
#15
Acetone
Concen: 1.419 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument : MSVOA_L
ClientSampleId : P00131-SG001-181212-01

Tgt Ion: 43 Resp: 136278

Ion	Ratio	Lower	Upper
43	100		
58	25.5	20.6	30.8

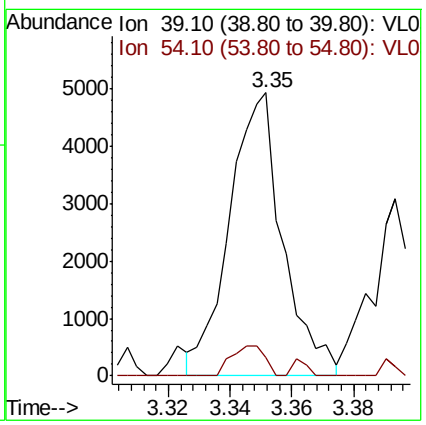


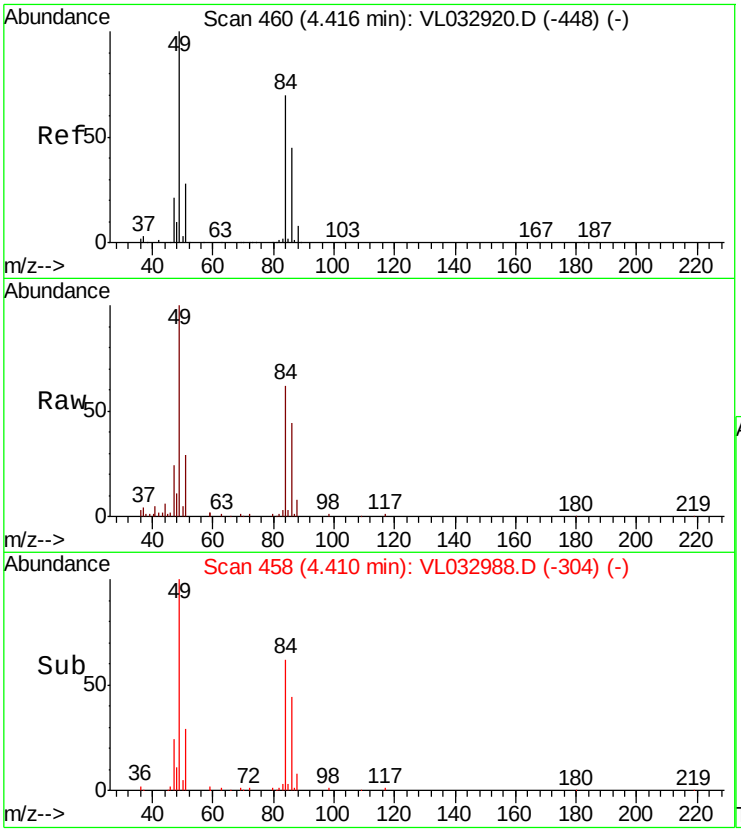


#16
1,3-Butadiene
Concen: 0.155 ppbv
RT: 3.35 min Scan# 129
Delta R.T. -0.02 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 39 Resp: 5905

Ion	Ratio	Lower	Upper
39	100		
54	8.2	72.7	109.1#



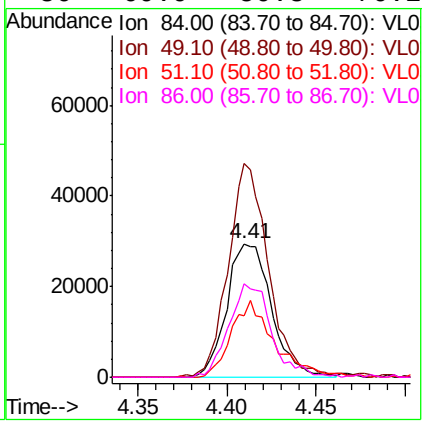


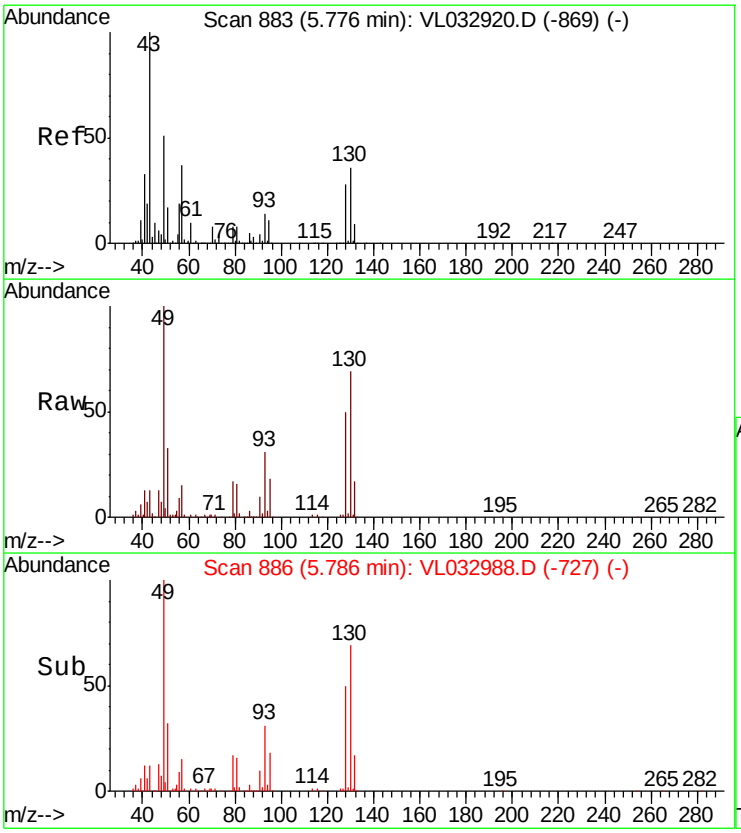
#20
Methylene Chloride
Concen: 1.088 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tgt Ion: 84 Resp: 51070

Ion	Ratio	Lower	Upper
84	100		
49	158.7	113.8	170.8
51	46.2	31.8	47.8
86	69.9	50.8	76.2

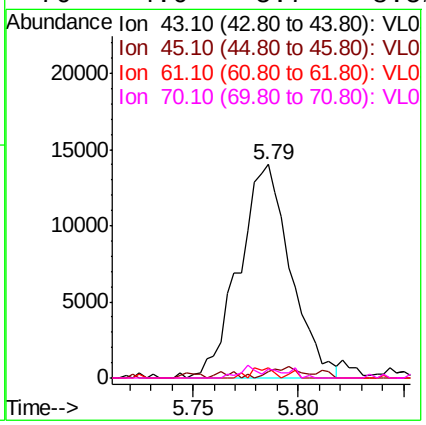


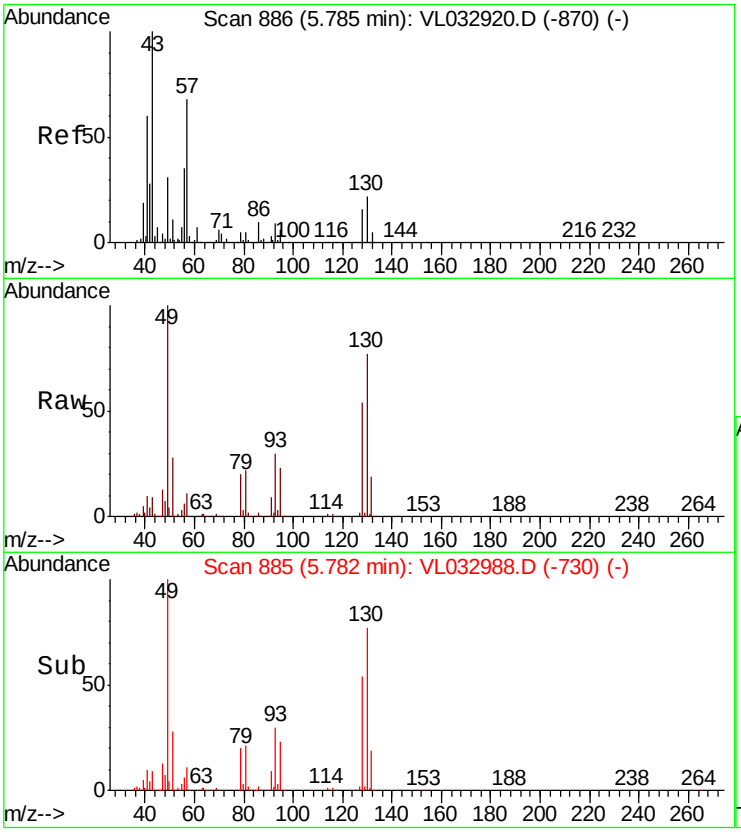


#25
Ethyl Acetate
Concen: 0.105 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 43 Resp: 23763

Ion	Ratio	Lower	Upper
43	100		
45	4.0	7.8	11.6#
61	2.7	7.4	11.2#
70	4.0	5.7	8.5#



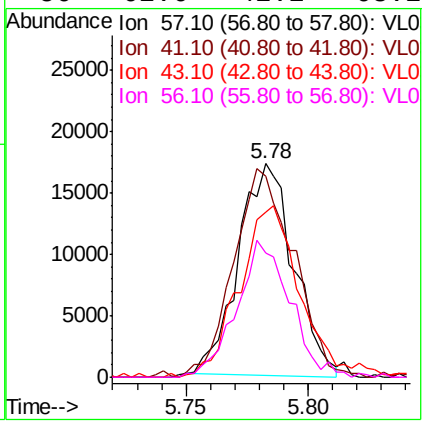


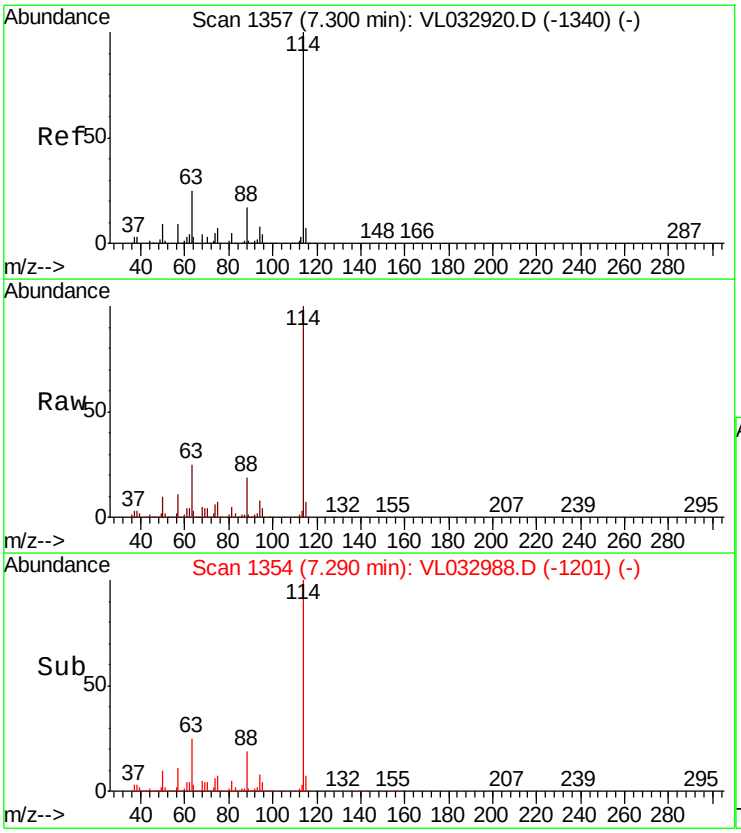
#26
Hexane
Concen: 0.260 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument : MSVOA_L
ClientSampleId : P00131-SG001-181212-01

Tgt Ion: 57 Resp: 27174

Ion	Ratio	Lower	Upper
57	100		
41	107.9	72.2	108.2
43	90.8	171.9	257.9#
56	62.6	42.2	63.2

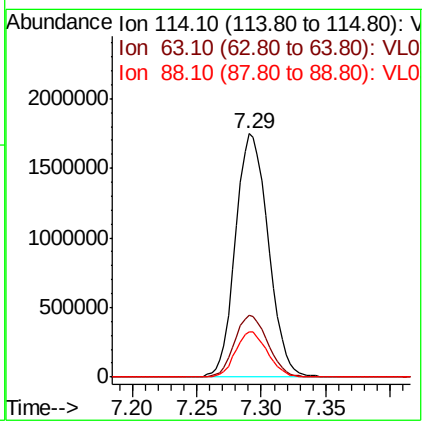


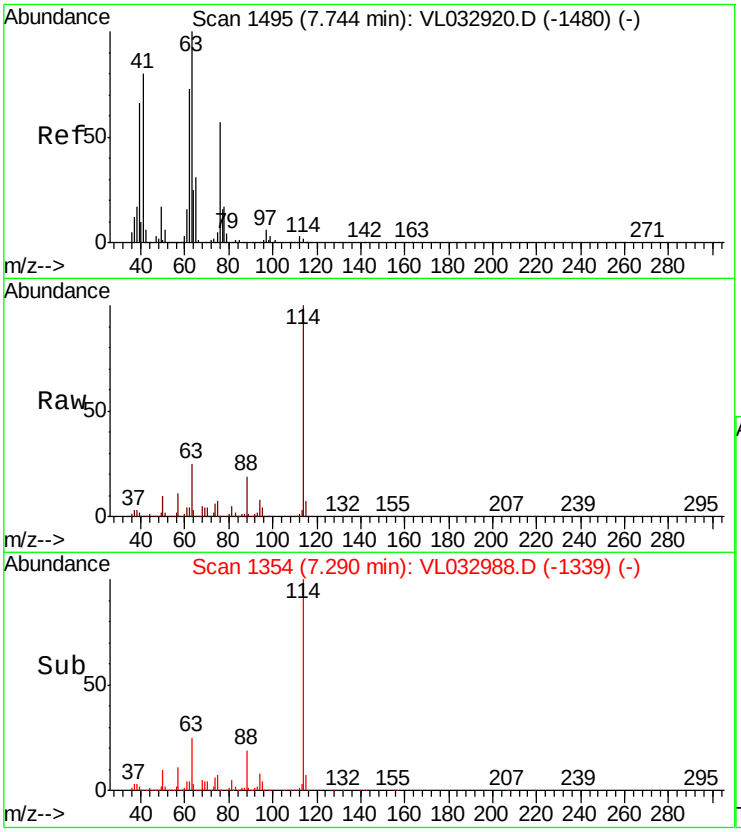


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion:114 Resp: 3109181

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.1	30.1
88	18.2	14.2	21.4



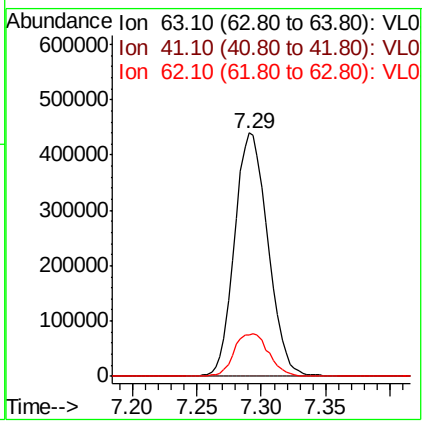


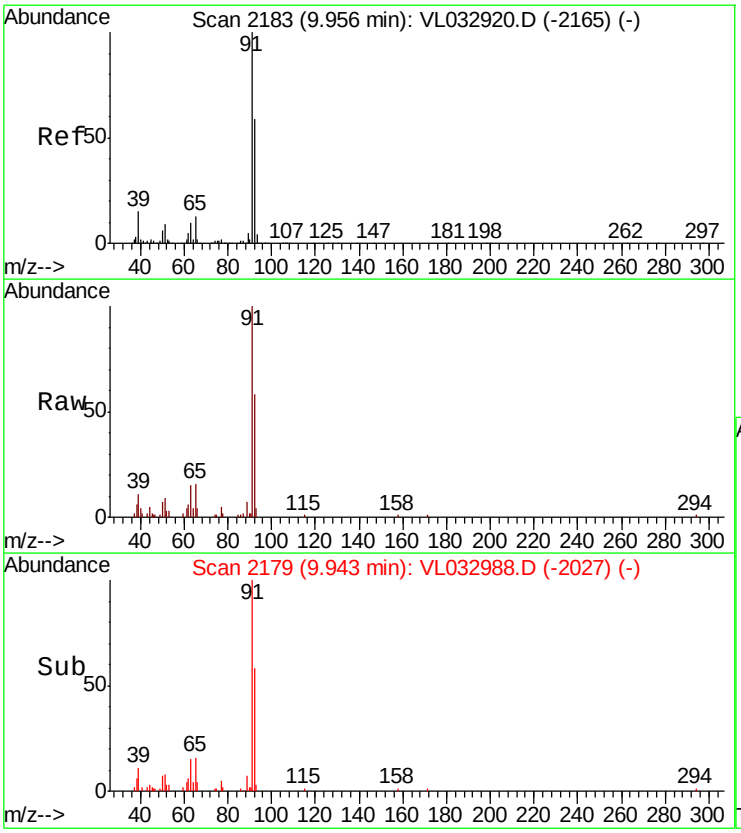
#39
1,2-Dichloropropane
Concen: 9.150 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tgt Ion: 63 Resp: 793555

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	17.2	58.8	88.2#

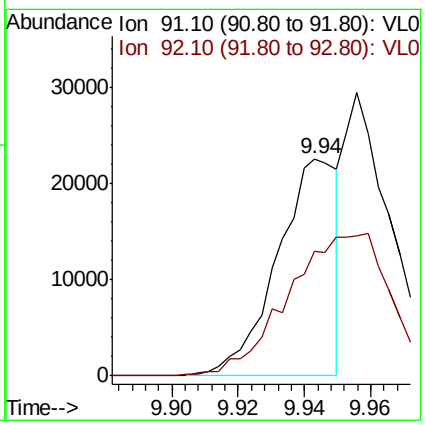


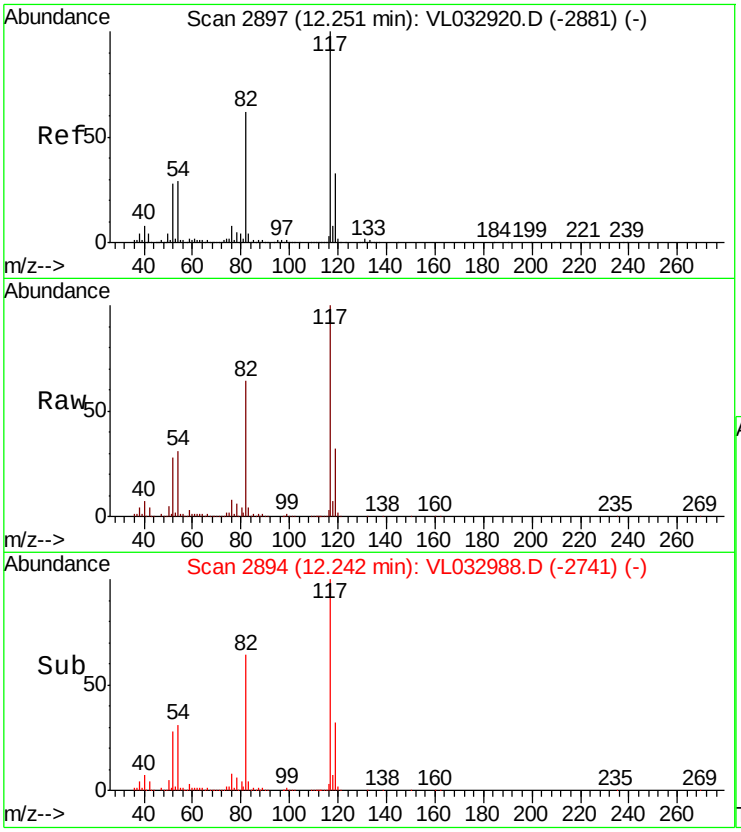


#53
Toluene
Concen: 0.117 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 91 Resp: 28434

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.0#



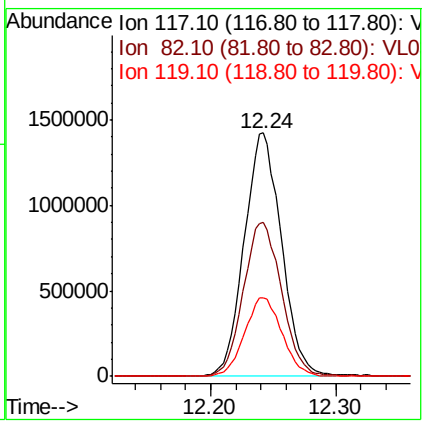


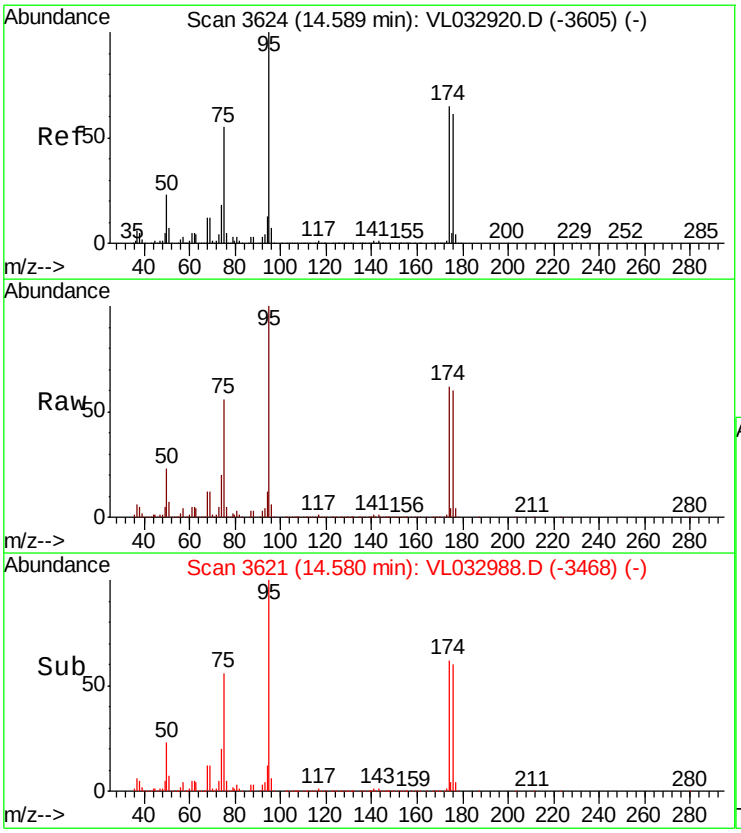
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
P00131-SG001-181212-01

Tgt Ion:117 Resp: 2940005

Ion	Ratio	Lower	Upper
117	100		
82	65.1	47.8	71.8
119	32.7	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.387 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032988.D
Acq: 13 Dec 2018 18:19

Tgt Ion: 95 Resp: 2256170

Ion	Ratio	Lower	Upper
95	100		
174	64.6	51.4	77.0
175	4.6	3.8	5.6