Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031620\
Data File : VL034892.D
Acq On : 16 Mar 2020 16:04
Operator : SY/AP
Sample : L1924-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 17 04:26:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	914135	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1958907	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1944503	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1571199	10.36	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	9736	0.078	ppbv	93
3) Chlorodifluoromethane	2.92	51	11164	0.109	ppbv #	84
4) Chloromethane	3.10	50	2248	0.039	ppbv	96
9) Propene	3.16	41	28105	0.576	ppbv	95
13) Ethanol	3.57	45	57808	3.900	ppbv	93
15) Acetone	3.83	43	102062	0.861	ppbv	94
16) 1,3-Butadiene	3.27	39	1794	0.033	ppbv #	9
19) Isopropyl Alcohol	3.96	45	15397	0.206	ppbv #	49
20) Methylene Chloride	4.31	84	29541	0.789	ppbv	92
25) Ethyl Acetate	5.67	43	25478	0.121	ppbv #	92
26) Hexane	5.67	57	15546	0.171	ppbv #	59
36) Benzene	6.88	78	6594	0.038	ppbv #	62
39) 1,2-Dichloropropane	7.17	63	531890	7.689	ppbv #	22
53) Toluene	9.81	91	51235	0.254	ppbv	97

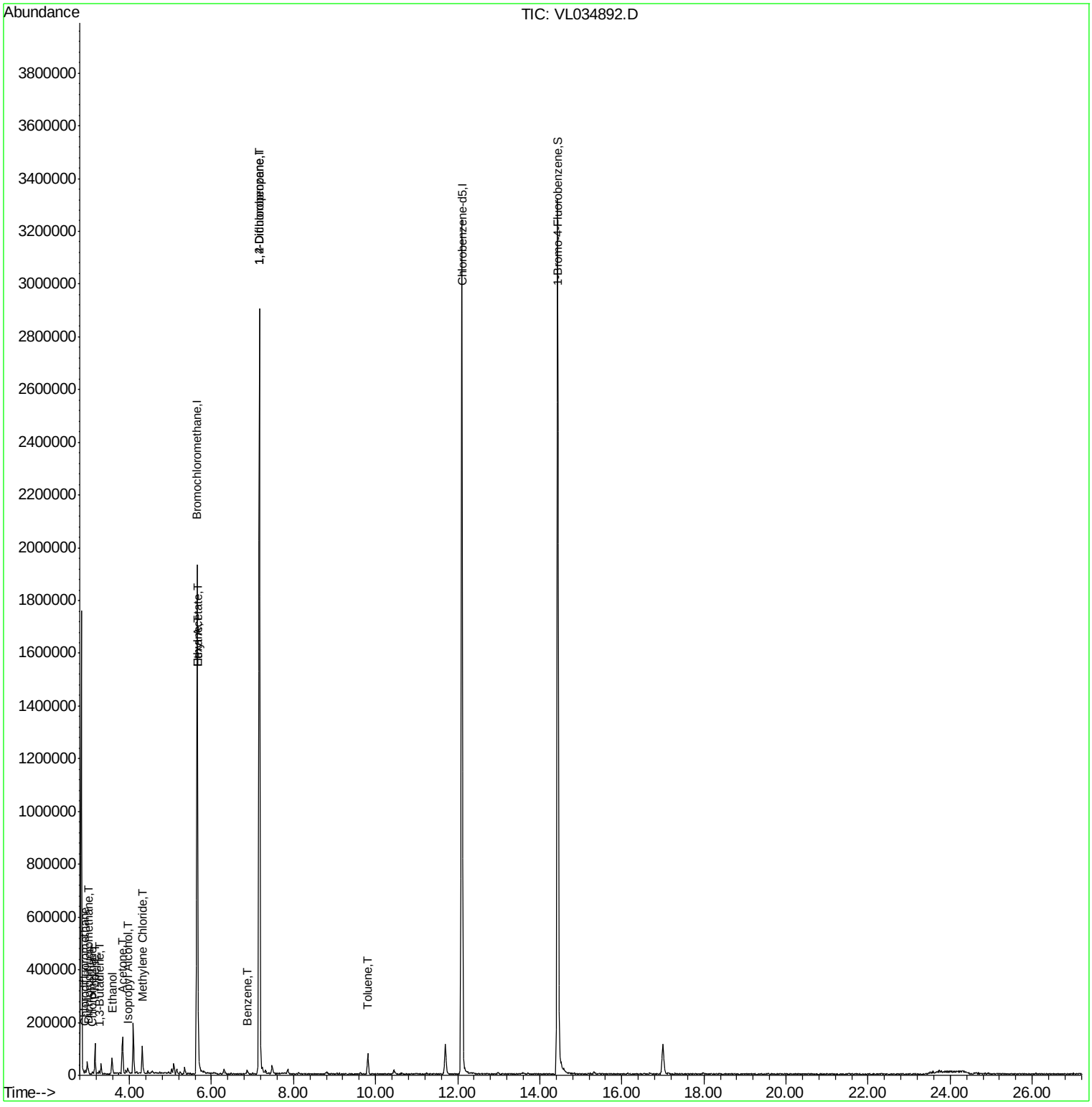
(#) = qualifier out of range (m) = manual integration (+) = signals summed

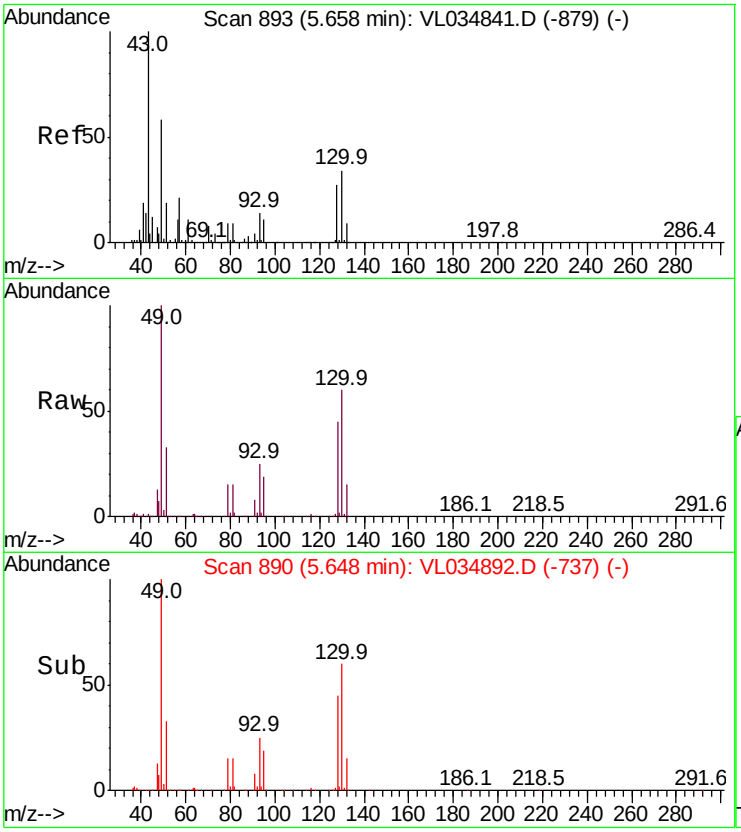
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031620\
Data File : VL034892.D
Acq On : 16 Mar 2020 16:04
Operator : SY/AP
Sample : L1924-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 17 04:26:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



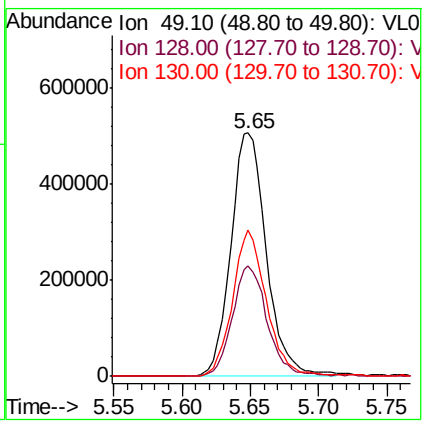


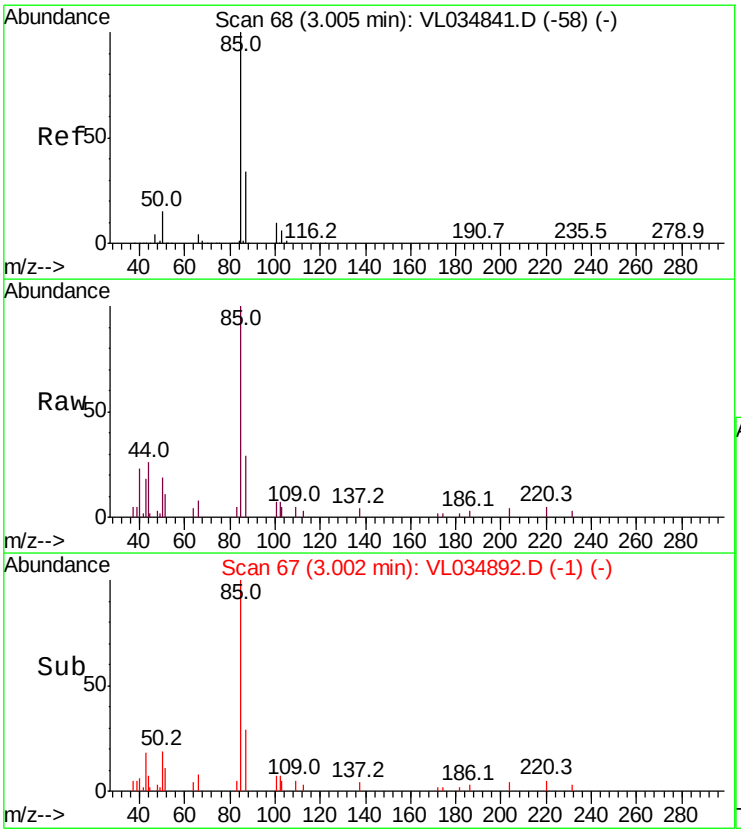
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 914135

Ion	Ratio	Lower	Upper
49	100		
128	44.9	23.4	70.3
130	58.1	30.0	90.0

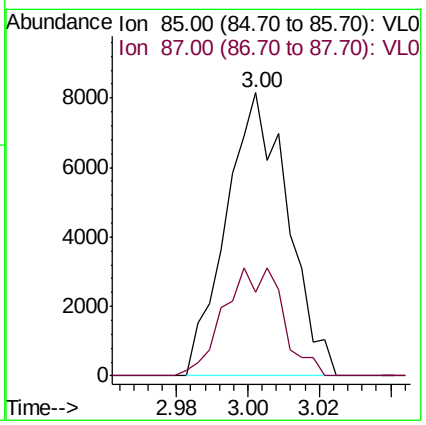


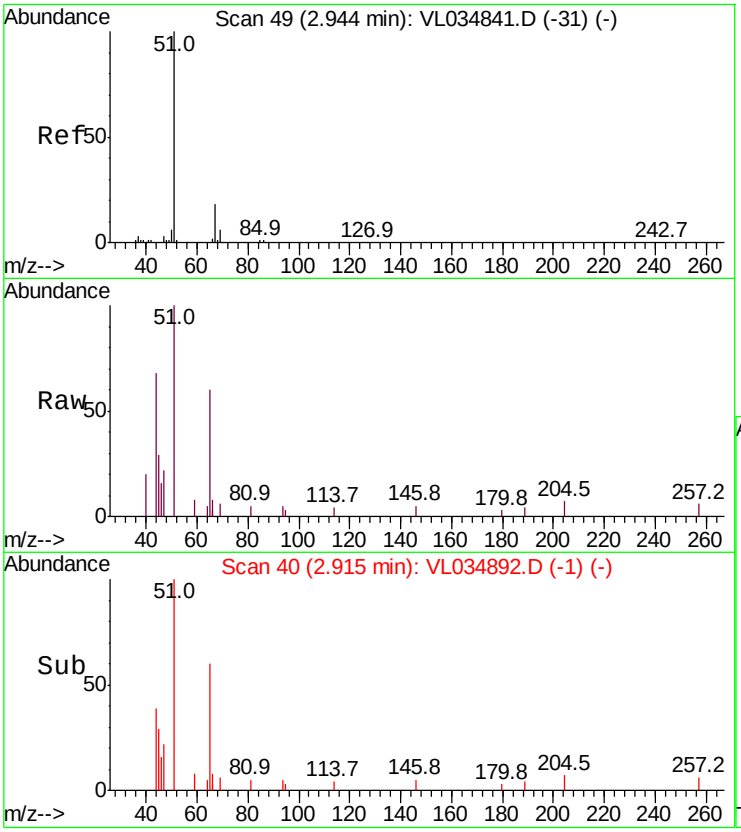


#2
Dichlorodifluoromethane
Concen: 0.078 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.00 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 85 Resp: 9736

Ion	Ratio	Lower	Upper
85	100		
87	29.5	26.9	40.3



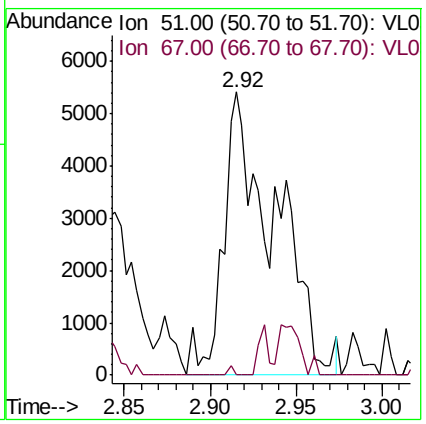


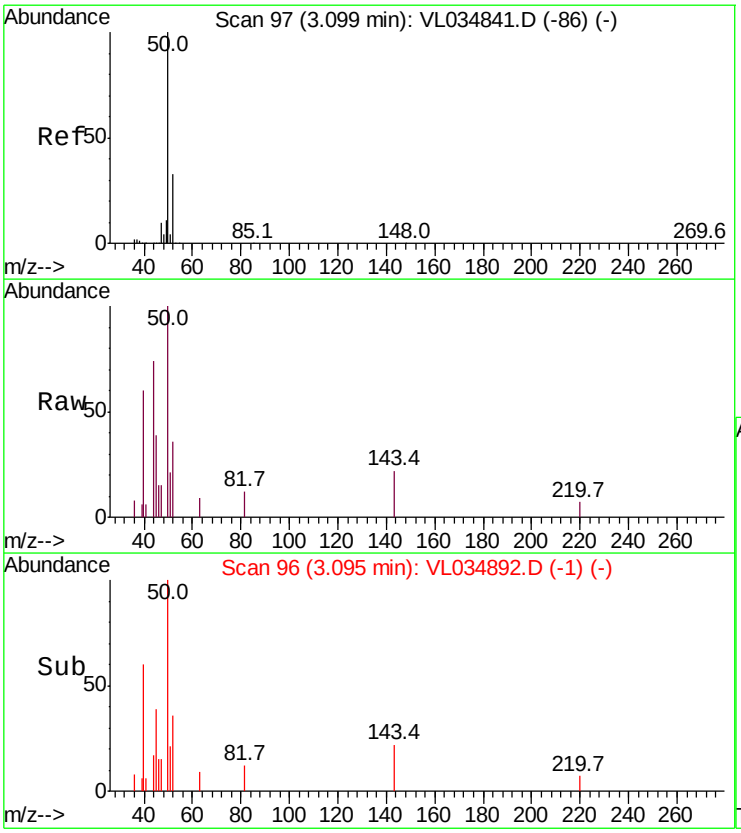
#3
Chlorodifluoromethane
Concen: 0.109 ppbv
RT: 2.92 min Scan# 40
Delta R.T. -0.03 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 51 Resp: 11164

Ion	Ratio	Lower	Upper
51	100		
67	10.8	14.3	21.5#

Instrument :
MSVOA_L
ClientSampleId :

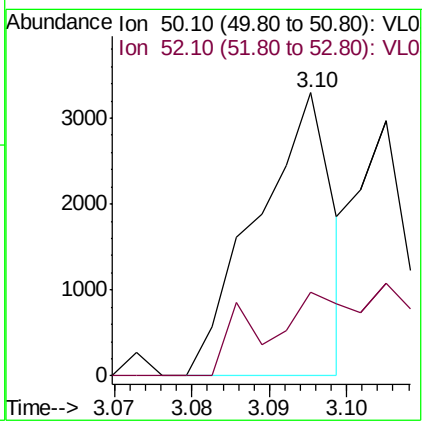


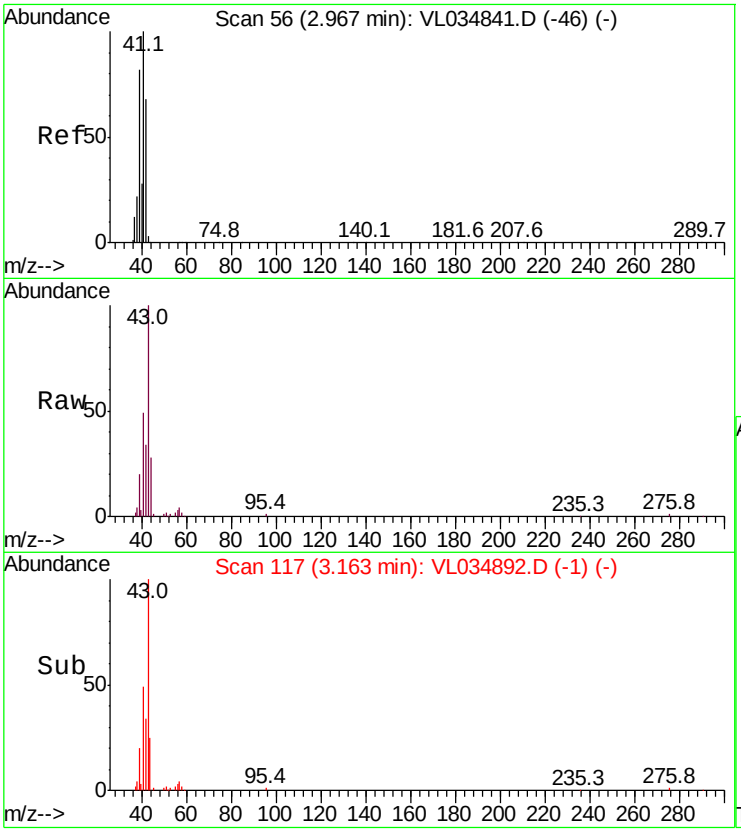


#4
Chloromethane
Concen: 0.039 ppbv
RT: 3.10 min Scan# 96
Delta R.T. -0.00 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 50 Resp: 2248

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.8	40.2



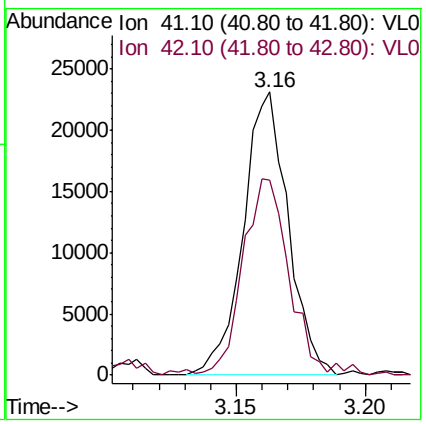


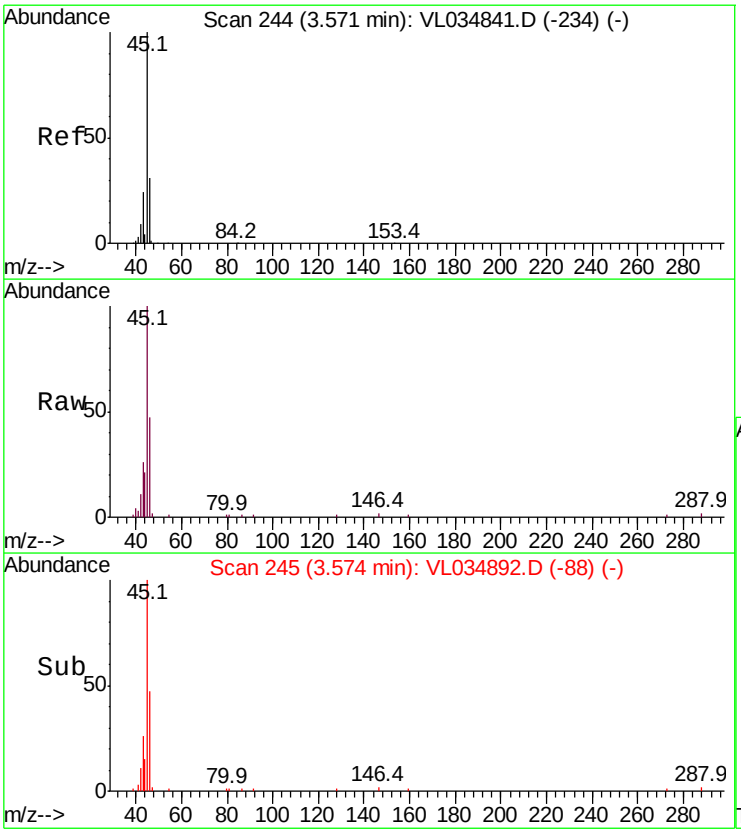
#9
Propene
Concen: 0.576 ppbv
RT: 3.16 min Scan# 117
Delta R.T. 0.20 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 28105

Ion	Ratio	Lower	Upper
41	100		
42	72.8	55.2	82.8

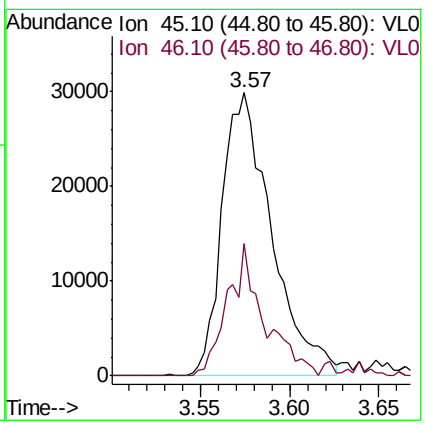


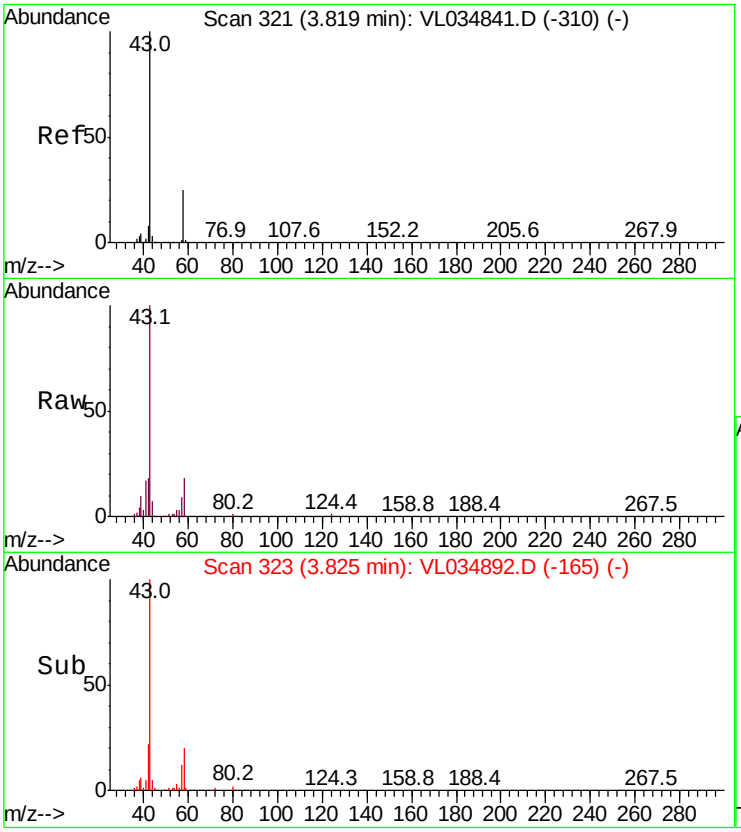


#13
Ethanol
Concen: 3.900 ppbv
RT: 3.57 min Scan# 245
Delta R.T. 0.00 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 45 Resp: 57808

Ion	Ratio	Lower	Upper
45	100		
46	35.5	16.0	64.0



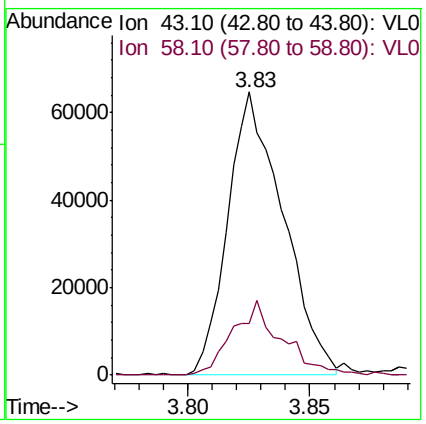


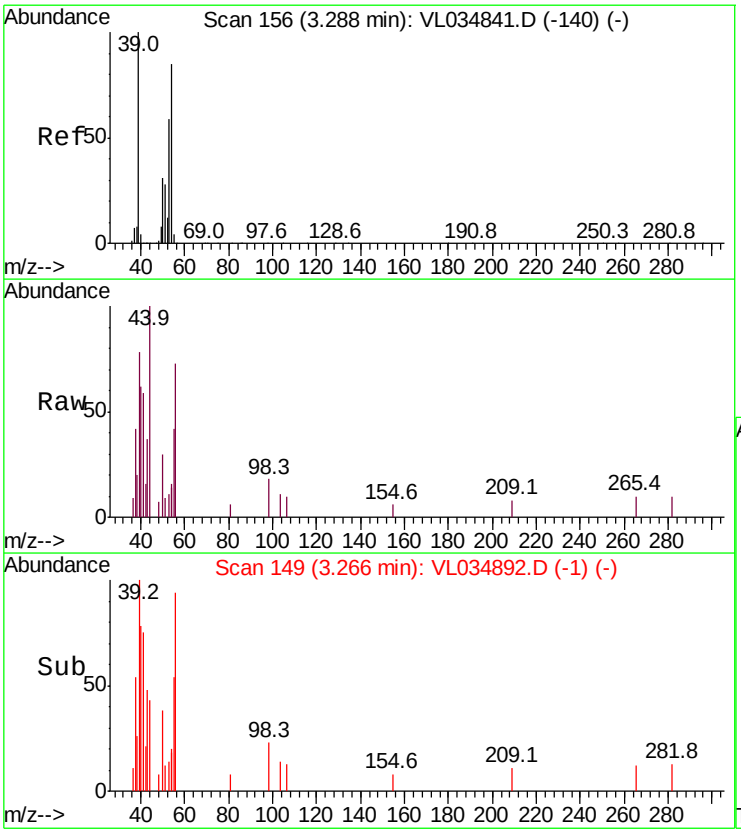
#15
Acetone
Concen: 0.861 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 102062

Ion	Ratio	Lower	Upper
43	100		
58	23.5	21.0	31.6

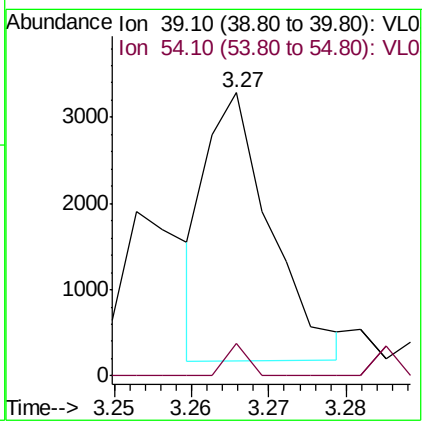


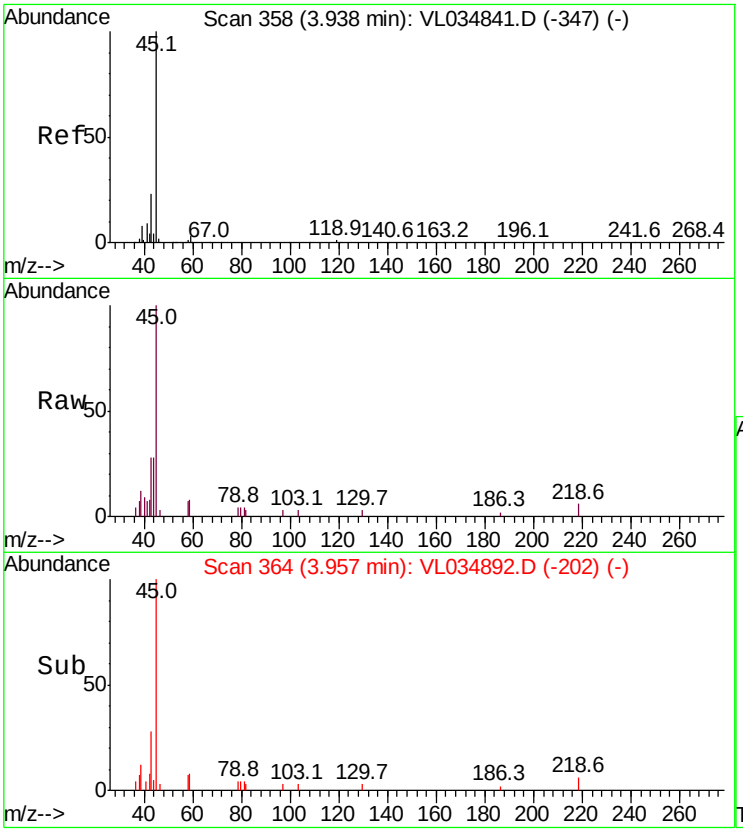


#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 3.27 min Scan# 149
Delta R.T. -0.02 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 39 Resp: 1794

Ion	Ratio	Lower	Upper
39	100		
54	0.0	65.0	97.6#



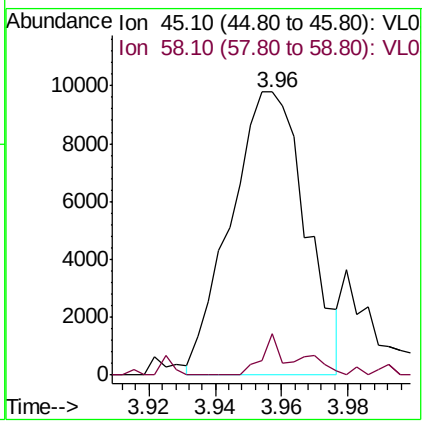


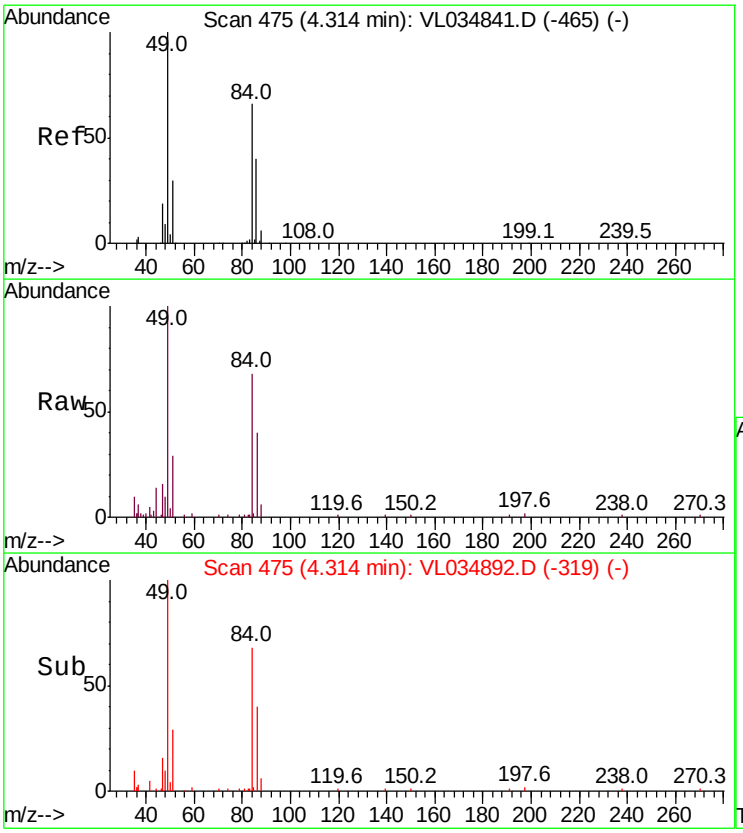
#19
Isopropyl Alcohol
Concen: 0.206 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.02 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 15397

Ion	Ratio	Lower	Upper
45	100		
58	7.4	30.5	45.7#

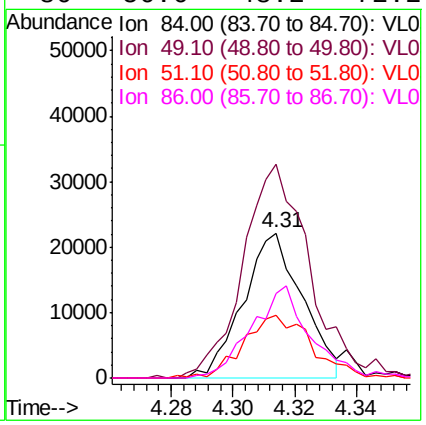


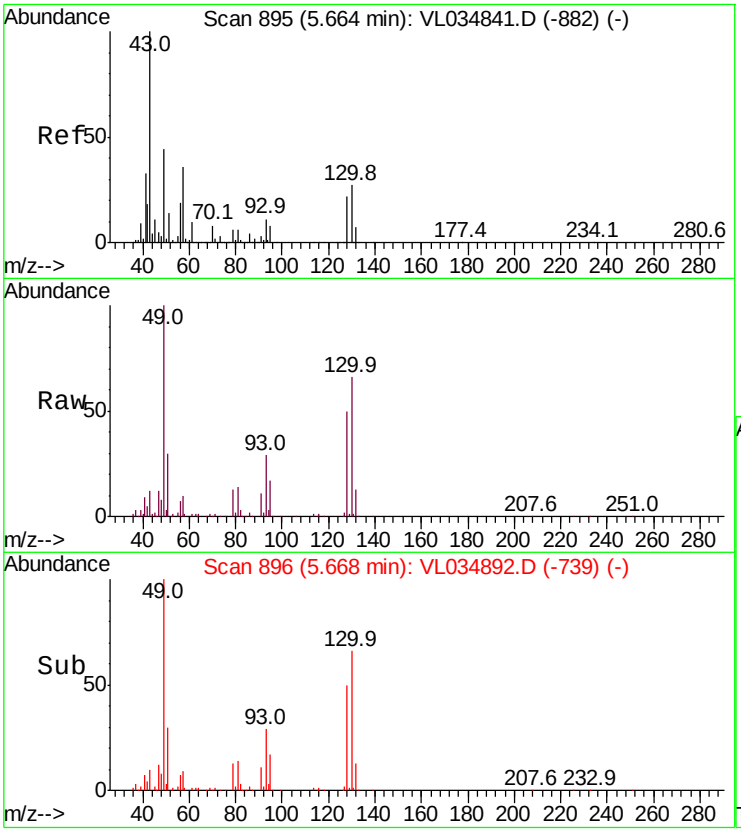


#20
Methylene Chloride
Concen: 0.789 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 84 Resp: 29541

Ion	Ratio	Lower	Upper
84	100		
49	139.5	121.5	182.3
51	41.1	36.6	55.0
86	56.6	48.2	72.2



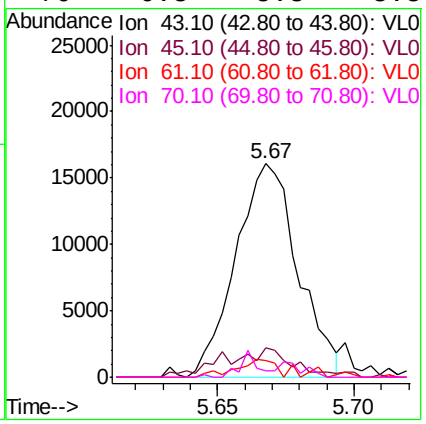


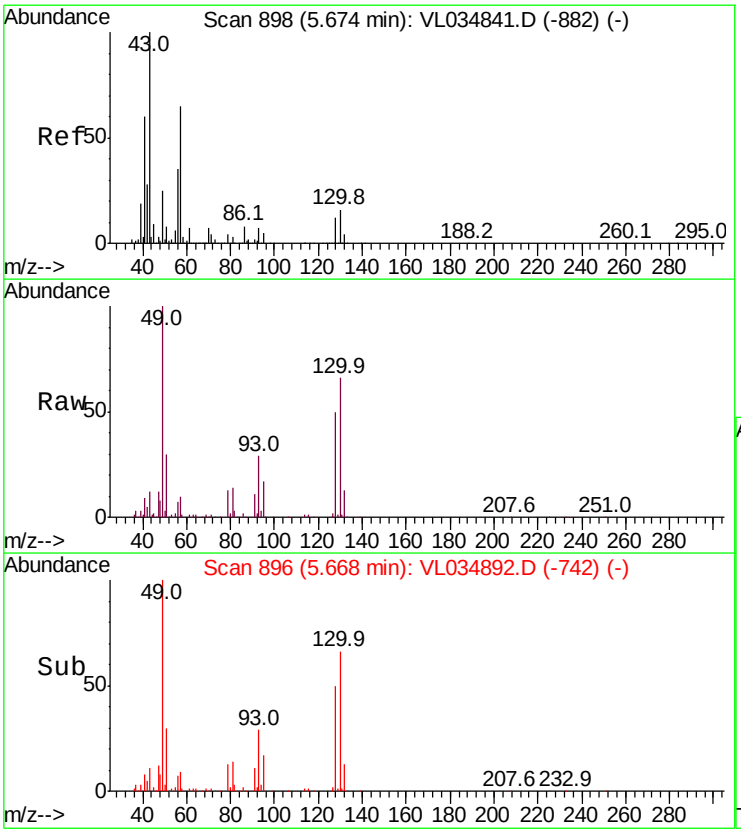
#25
Ethyl Acetate
Concen: 0.121 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 25478

Ion	Ratio	Lower	Upper
43	100		
45	15.7	8.2	12.2#
61	7.5	7.8	11.6#
70	6.3	5.8	8.8

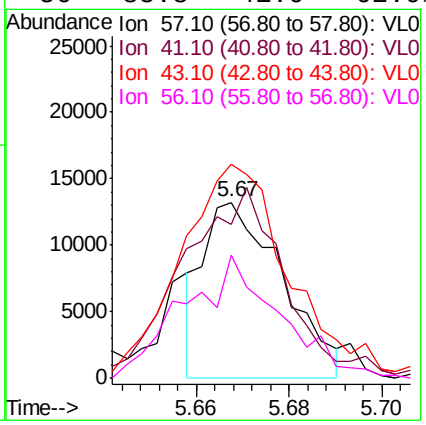


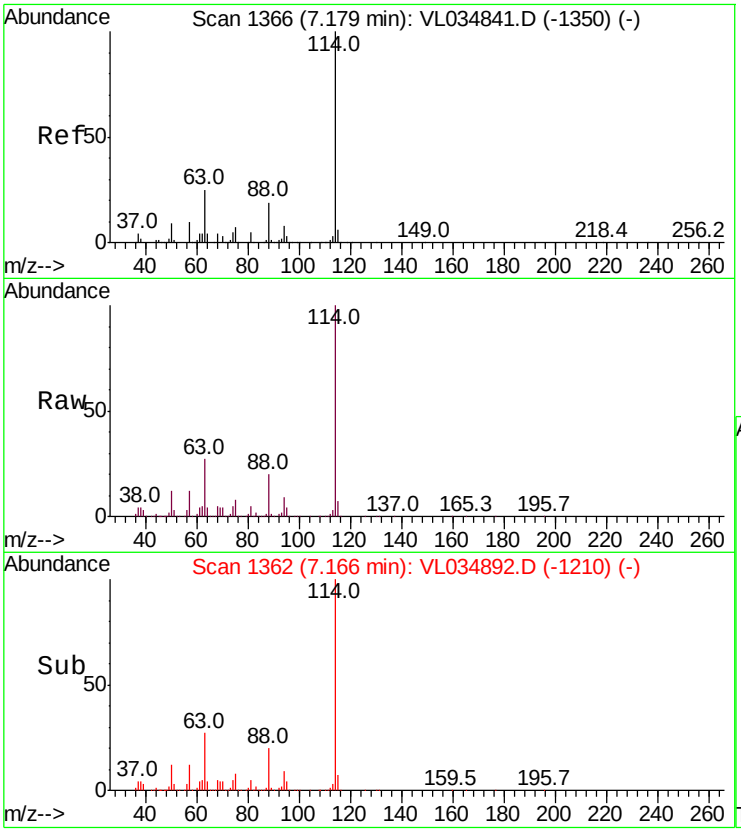


#26
Hexane
Concen: 0.171 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 57 Resp: 15546

Ion	Ratio	Lower	Upper
57	100		
41	145.5	72.6	109.0#
43	174.0	183.8	275.6#
56	85.8	41.9	62.9#



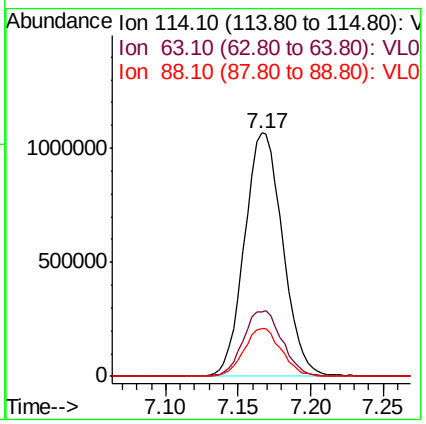


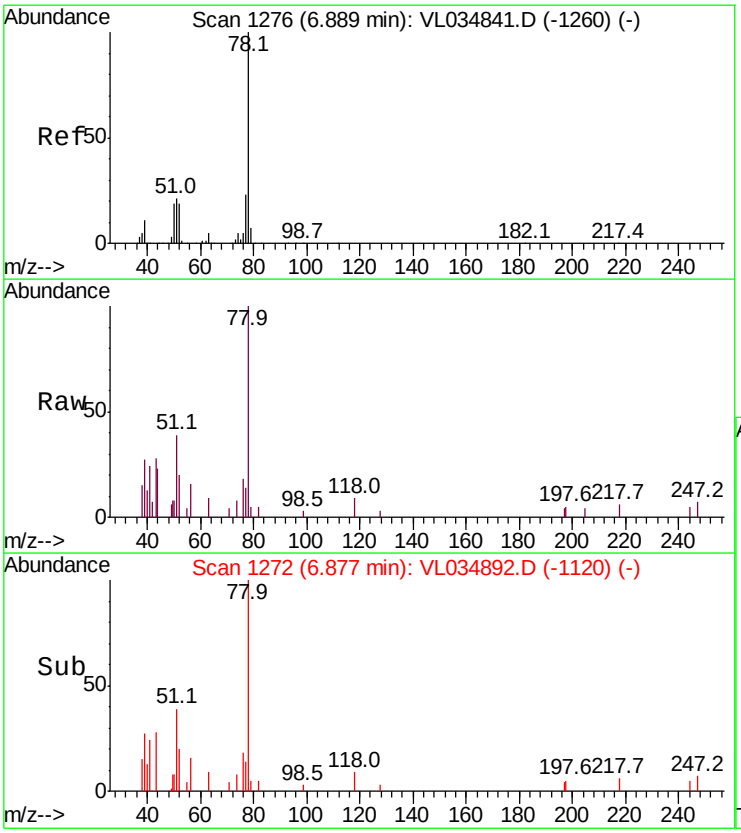
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 1958907

Ion	Ratio	Lower	Upper
114	100		
63	27.5	20.6	31.0
88	19.4	15.0	22.6

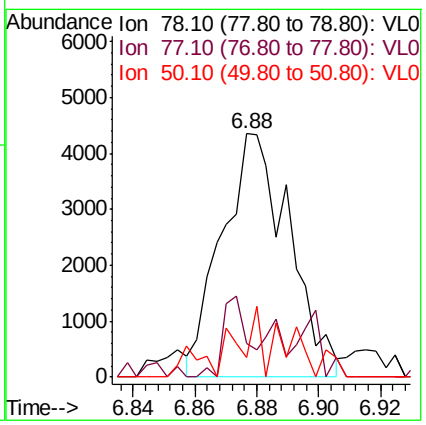


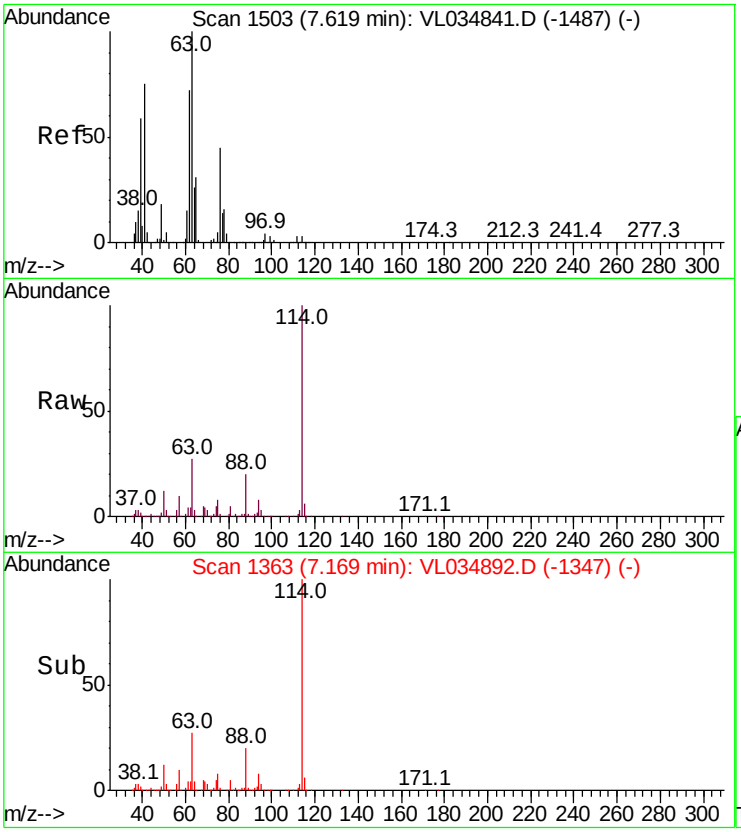


#36
Benzene
Concen: 0.038 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 78 Resp: 6594

Ion	Ratio	Lower	Upper
78	100		
77	5.9	18.2	27.2#
50	0.1	15.2	22.8#



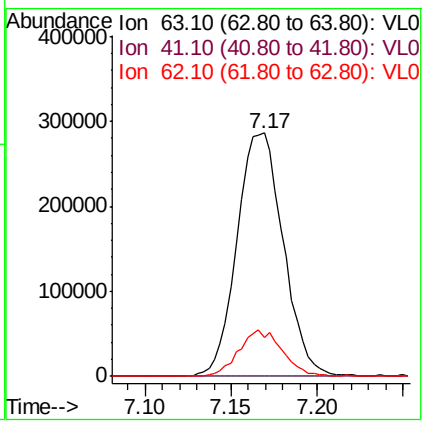


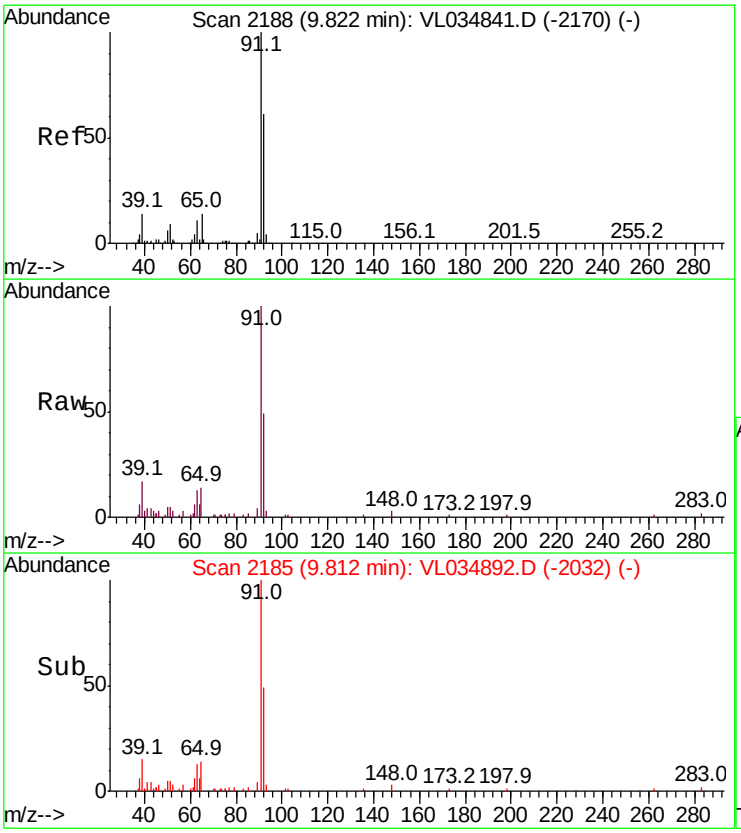
#39
1,2-Dichloropropane
Concen: 7.689 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 531890

Ion	Ratio	Lower	Upper
63	100		
41	0.3	59.8	89.8#
62	16.0	57.6	86.4#

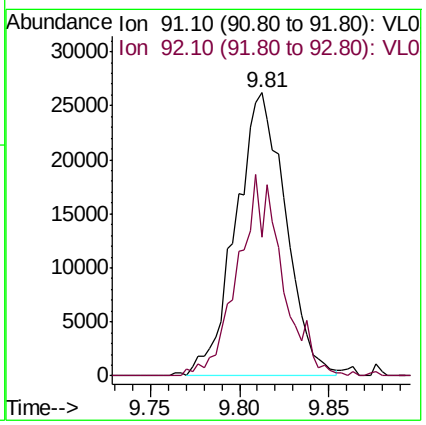


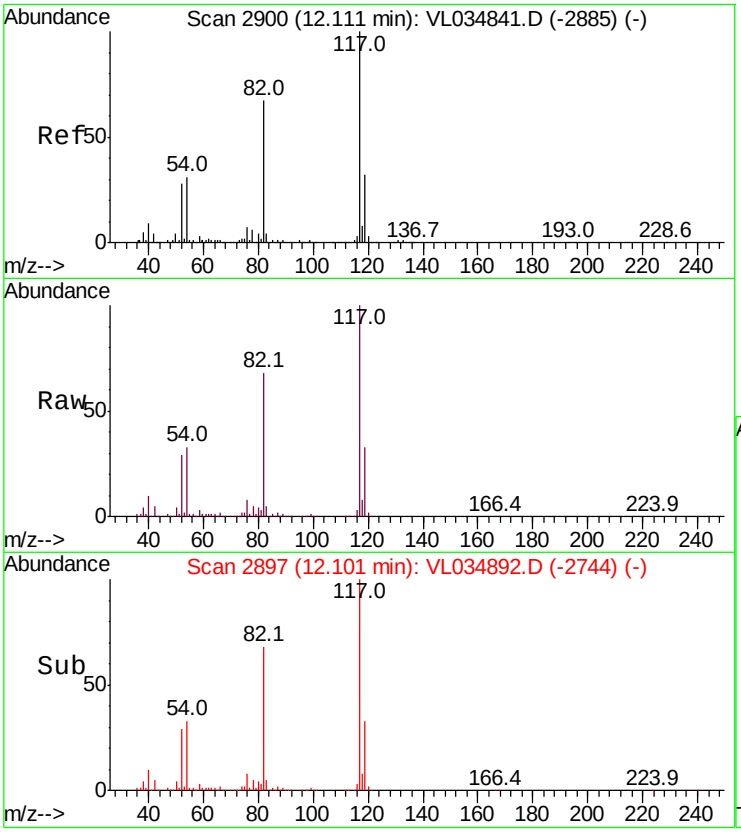


#53
Toluene
Concen: 0.254 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 91 Resp: 51235

Ion	Ratio	Lower	Upper
91	100		
92	63.3	48.6	72.8



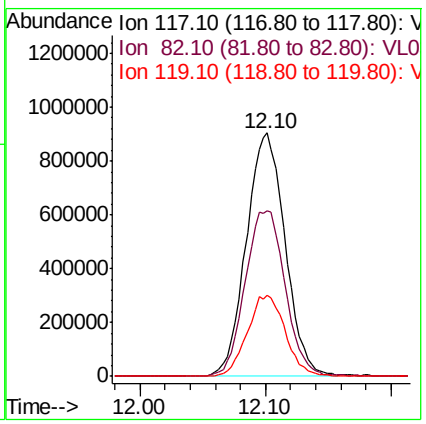


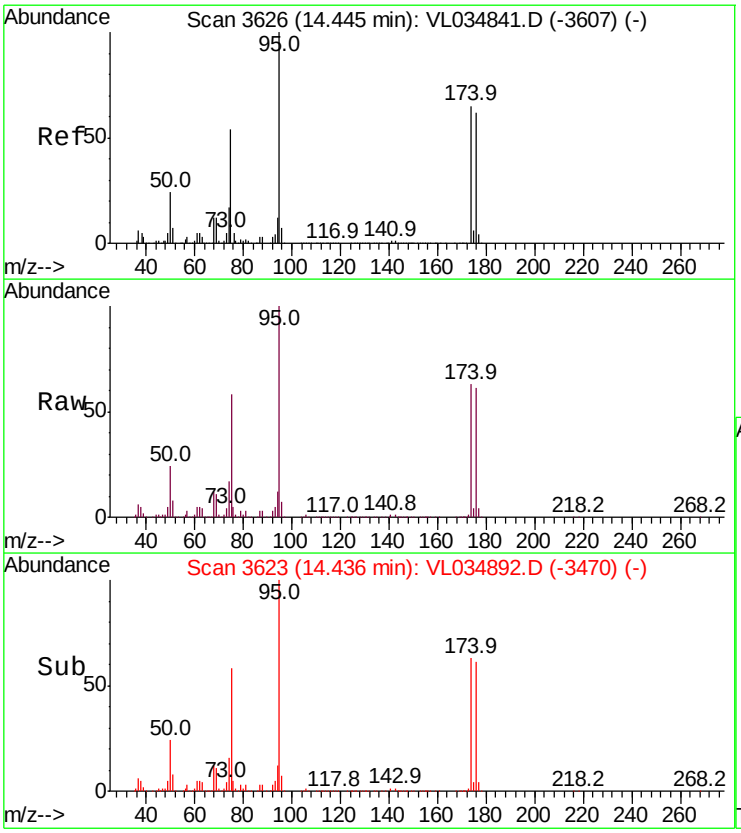
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1944503

Ion	Ratio	Lower	Upper
117	100		
82	70.4	51.1	76.7
119	32.9	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.361 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL034892.D
Acq: 16 Mar 2020 16:04

Tgt Ion: 95 Resp: 1571199

Ion	Ratio	Lower	Upper
95	100		
174	65.8	55.2	82.8
175	4.7	4.3	6.5