Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

Quantitation Report (Not Reviewed)

Data File : VL034871.D
Acq On : 10 Mar 2020 18:18
Operator : SY/AP
Sample : L1861-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AA-2DL

Quant Time: Mar 11 05:53:48 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	923273	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2040611	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2024170	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1608540	10.19	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.94	51	1248	0.012	ppbv #	59
9) Propene	2.98	41	16635	0.338	ppbv	86
10) Heptane	8.12	43	1945	0.016	ppbv #	16
13) Ethanol	3.58	45	33462	2.235	ppbv	88
15) Acetone	3.84	43	61967	0.518	ppbv	92
16) 1,3-Butadiene	3.28	39	1032	0.019	ppbv #	9
19) Isopropyl Alcohol	3.97	45	3017	0.040	ppbv #	37
20) Methylene Chloride	4.32	84	4946	0.131	ppbv #	84
26) Hexane	5.68	57	6862	0.075	ppbv #	36
36) Benzene	6.88	78	2430	0.013	ppbv #	79
39) 1,2-Dichloropropane	7.18	63	543885	7.547	ppbv #	23
44) 2,2,4-Trimethylpentane	7.87	57	5927	0.019	ppbv #	3
53) Toluene	9.82	91	9827	0.047	ppbv #	20

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

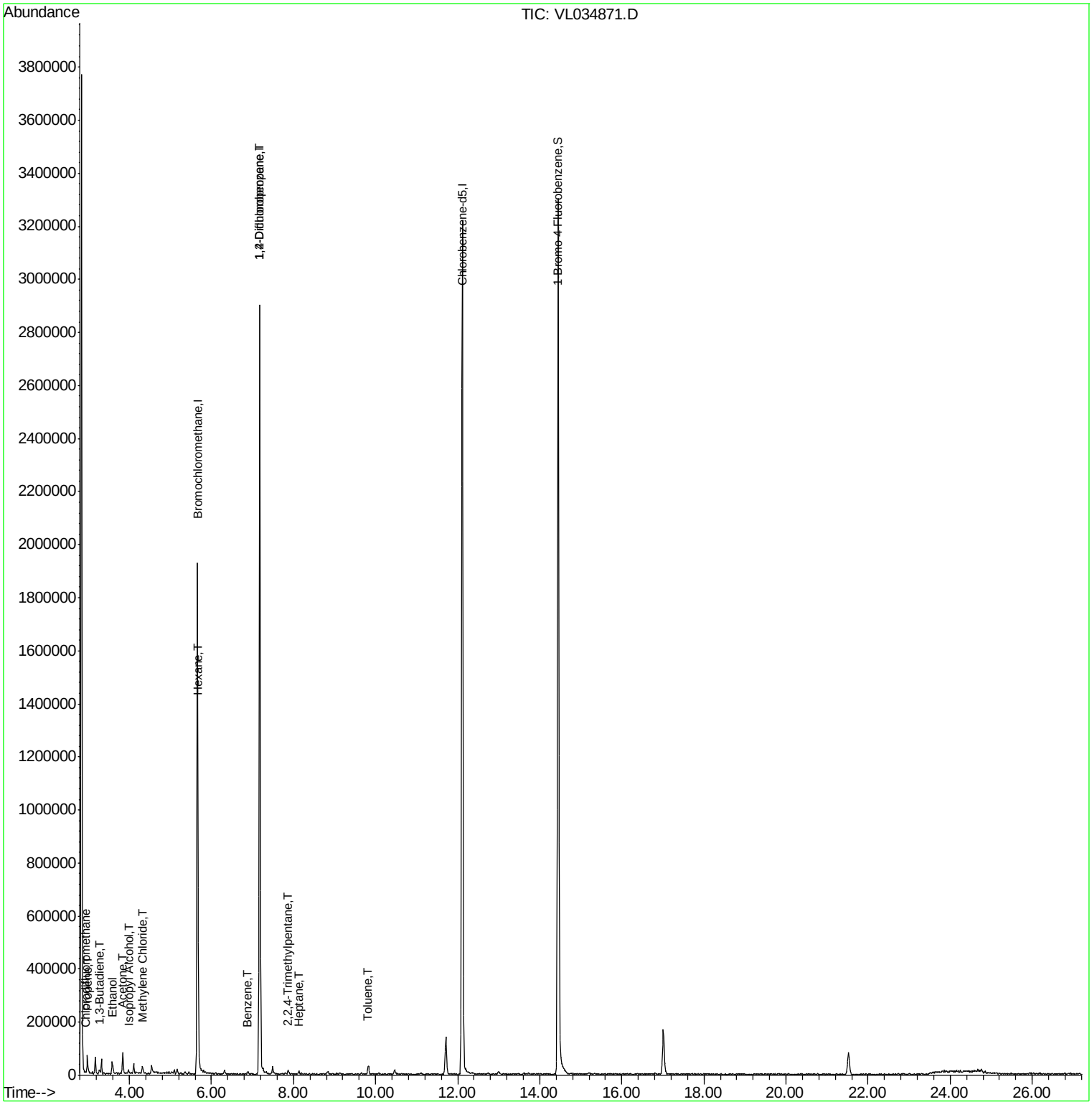
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\

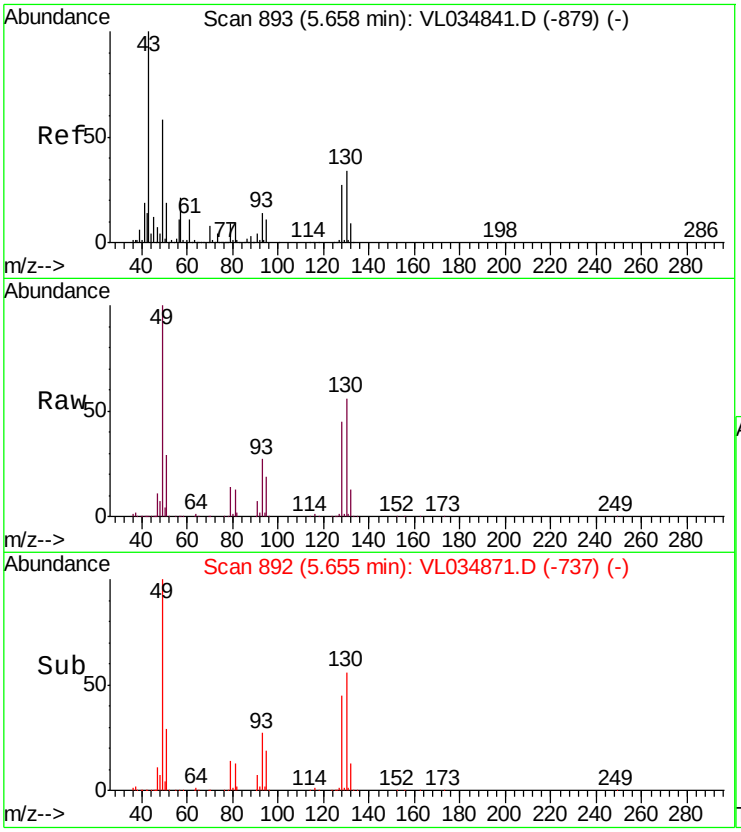
Quantitation Report (Not Reviewed)

Data File : VL034871.D
Acq On : 10 Mar 2020 18:18
Operator : SY/AP
Sample : L1861-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AA-2DL

Quant Time: Mar 11 05:53:48 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



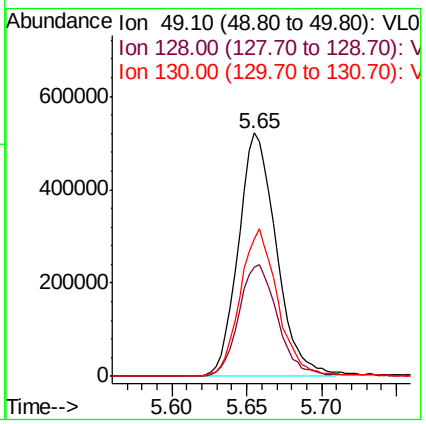


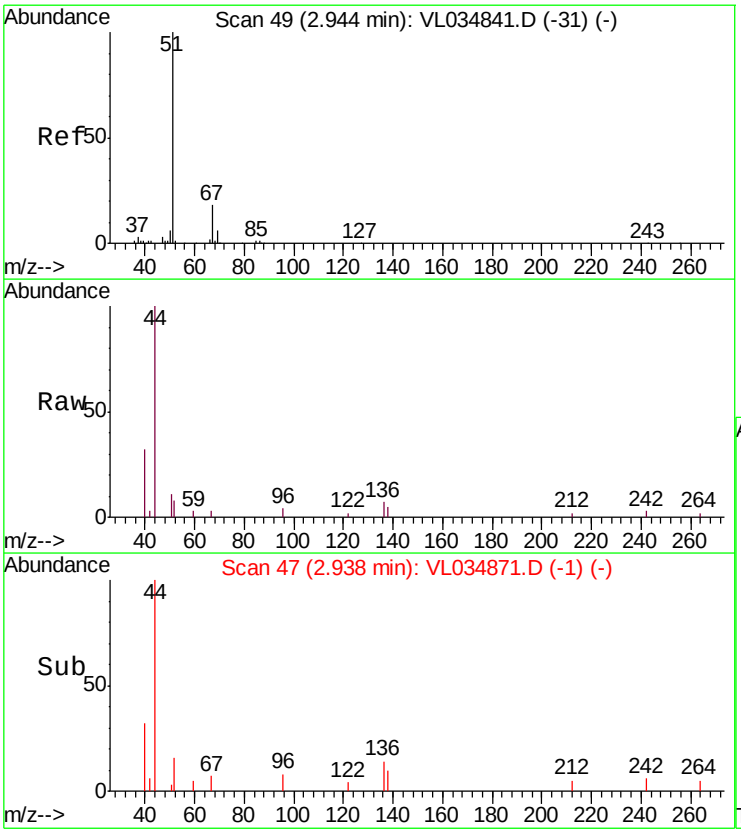
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.00 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tgt Ion: 49 Resp: 923273

Ion	Ratio	Lower	Upper
49	100		
128	47.8	23.4	70.3
130	60.9	30.0	90.0

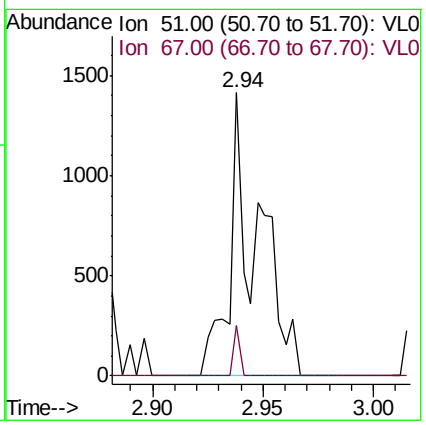


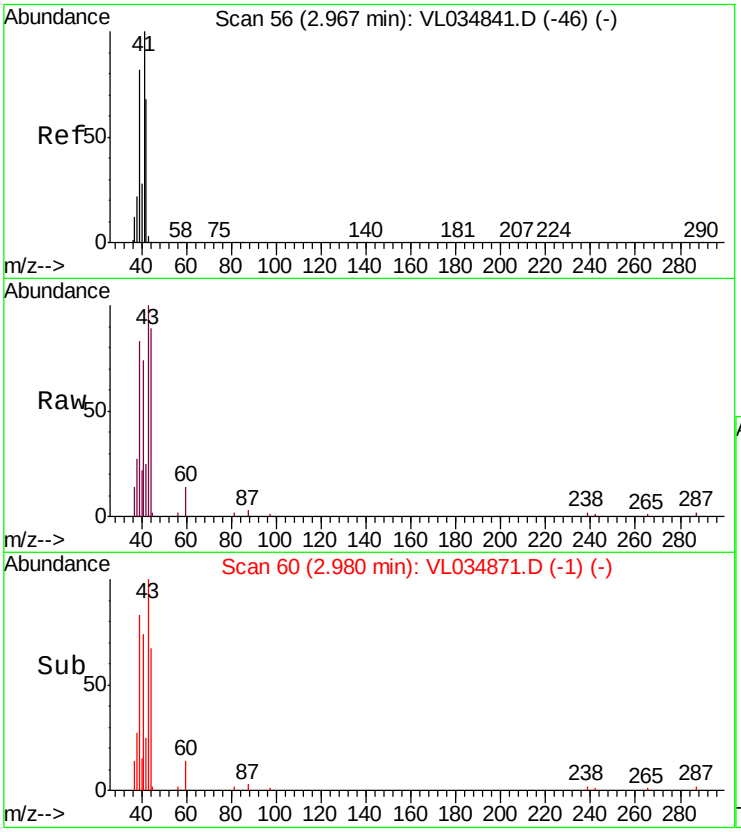


#3
Chlorodifluoromethane
Concen: 0.012 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 51 Resp: 1248

Ion	Ratio	Lower	Upper
51	100		
67	0.0	14.3	21.5#



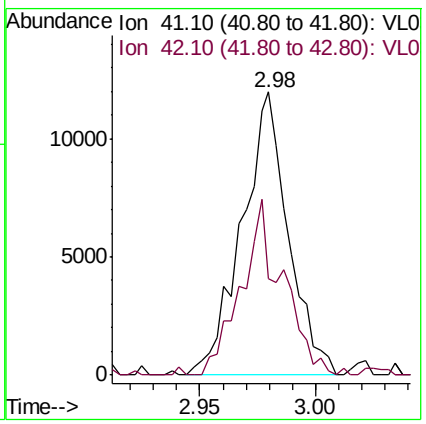


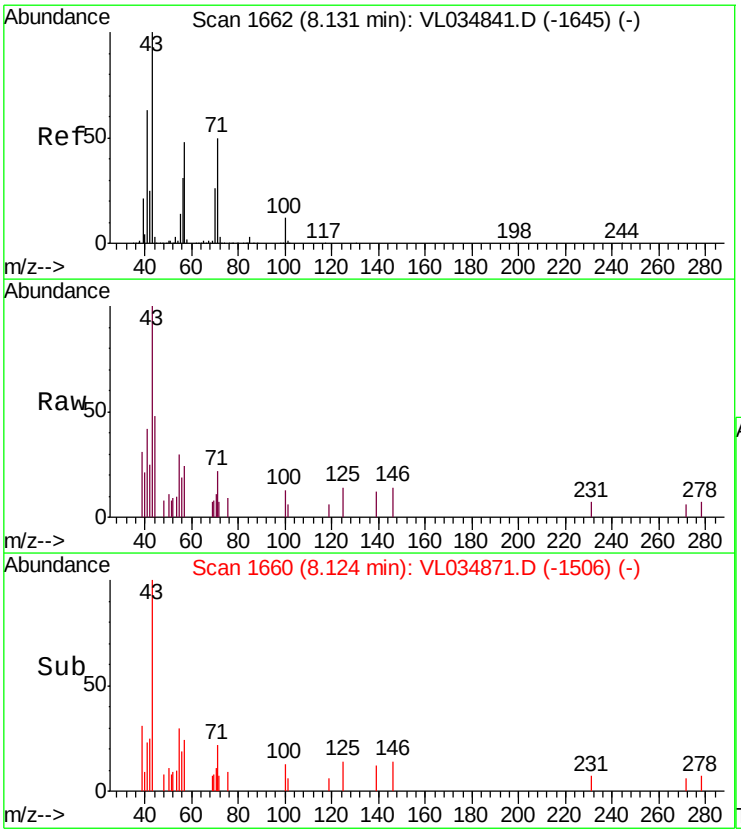
#9
Propene
Concen: 0.338 ppbv
RT: 2.98 min Scan# 60
Delta R.T. 0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tgt Ion: 41 Resp: 16635

Ion	Ratio	Lower	Upper
41	100		
42	57.3	55.2	82.8

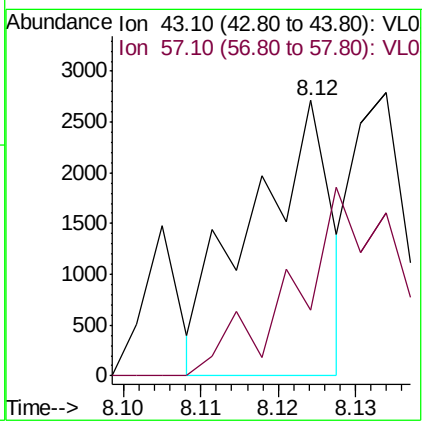


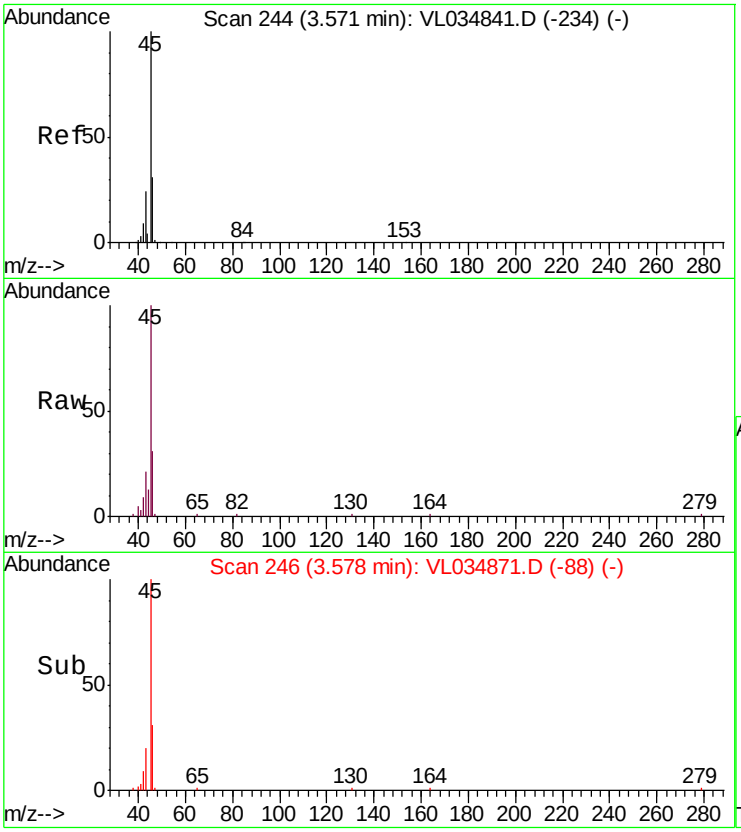


#10
Heptane
Concen: 0.016 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 43 Resp: 1945

Ion	Ratio	Lower	Upper
43	100		
57	107.4	39.7	59.5#



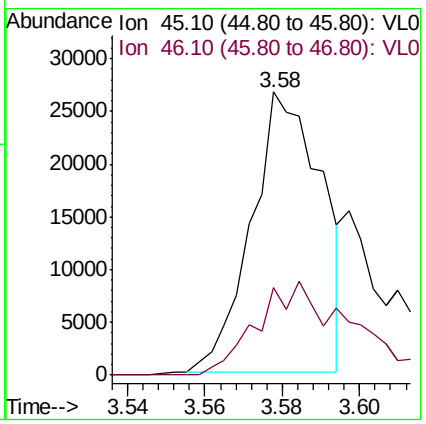


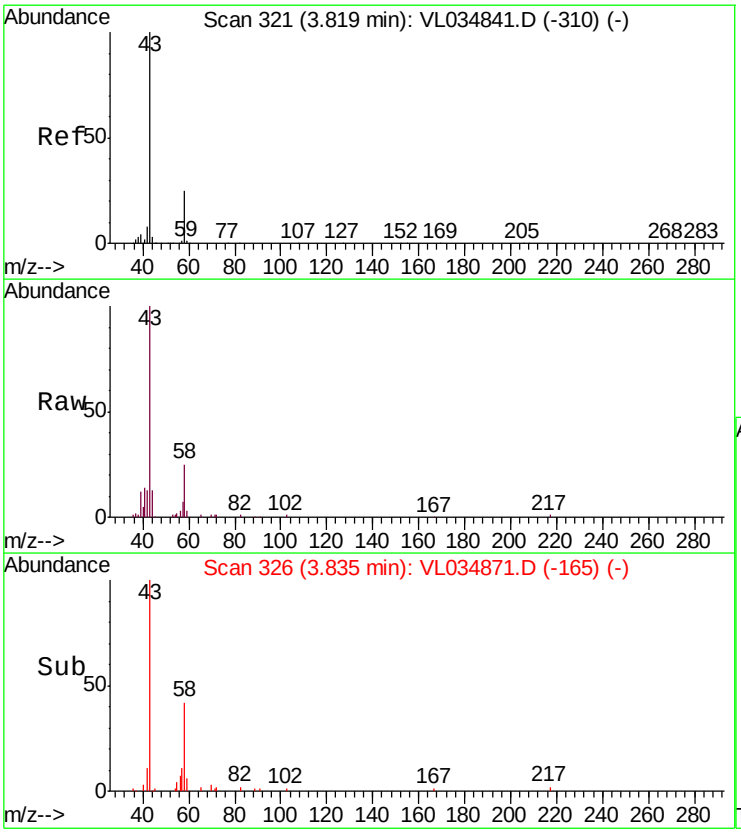
#13
Ethanol
Concen: 2.235 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tgt Ion: 45 Resp: 33462

Ion	Ratio	Lower	Upper
45	100		
46	47.2	16.0	64.0

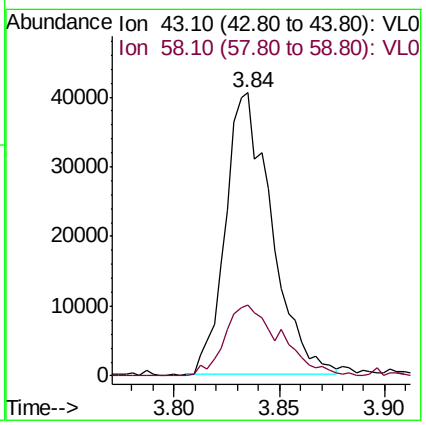


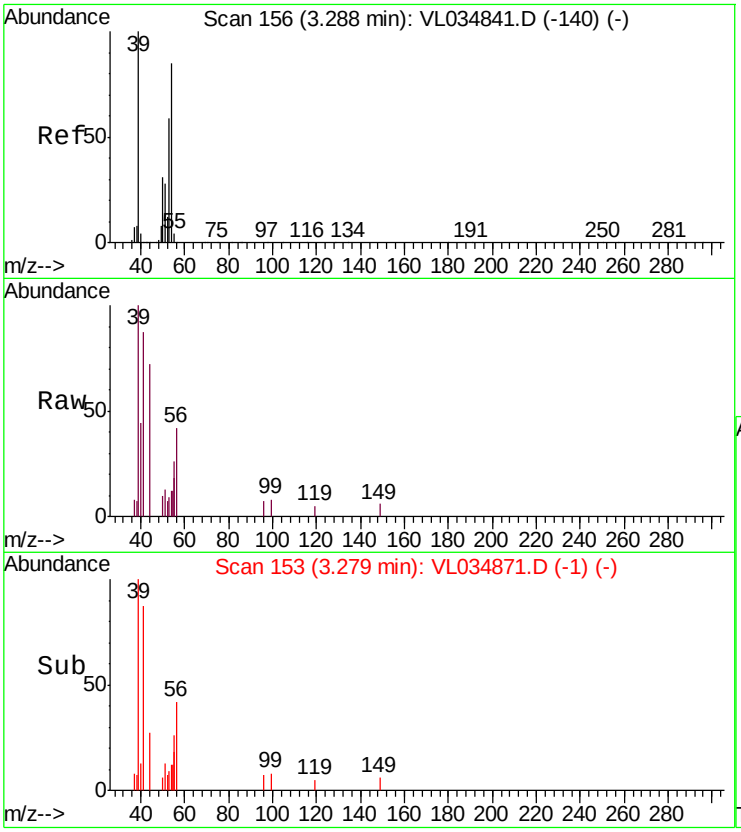


#15
Acetone
Concen: 0.518 ppbv
RT: 3.84 min Scan# 326
Delta R.T. 0.02 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 43 Resp: 61967

Ion	Ratio	Lower	Upper
43	100		
58	30.5	21.0	31.6



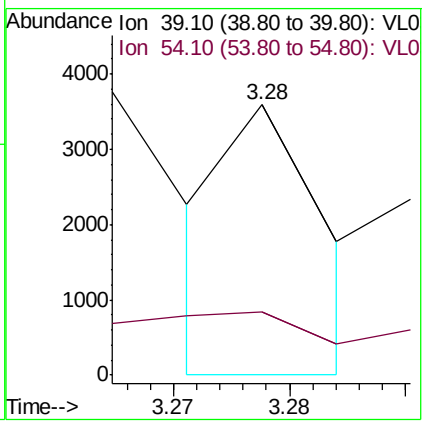


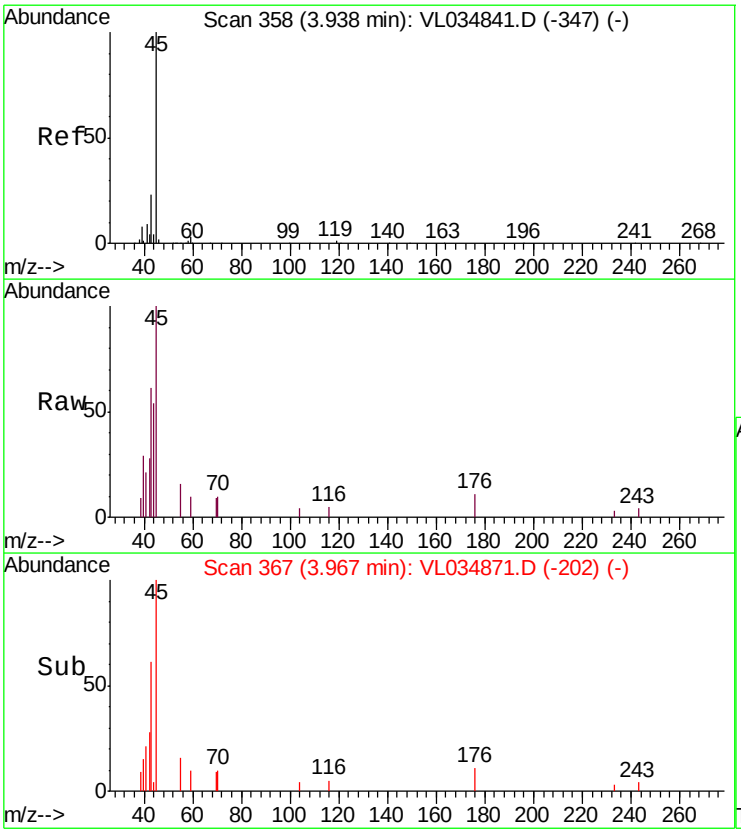
#16
1,3-Butadiene
Concen: 0.019 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tgt Ion: 39 Resp: 1032

Ion	Ratio	Lower	Upper
39	100		
54	0.0	65.0	97.6#

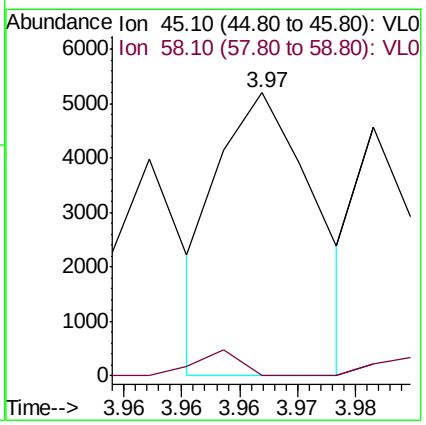


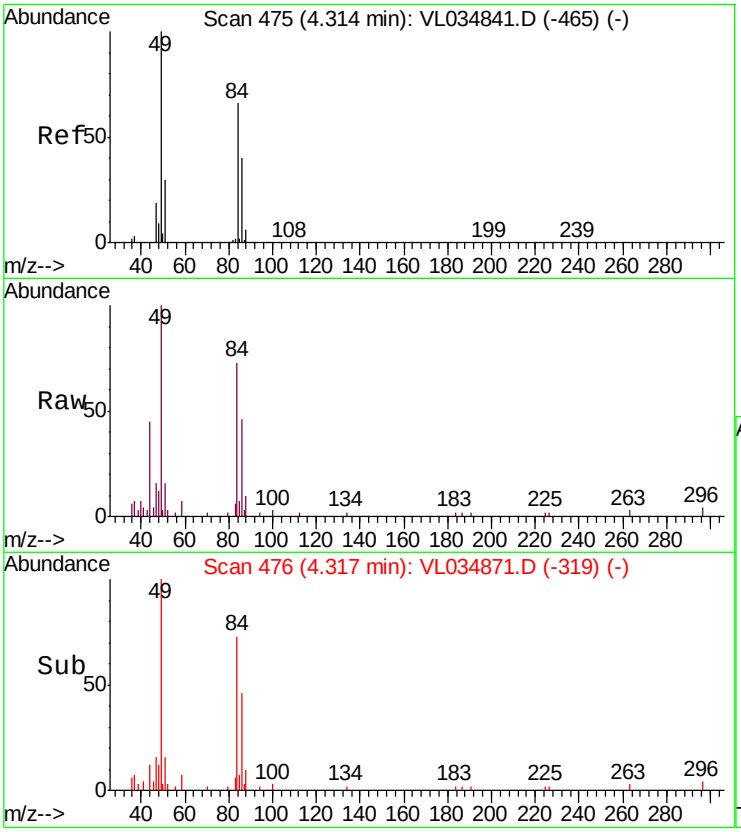


#19
Isopropyl Alcohol
Concen: 0.040 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.03 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 45 Resp: 3017

Ion	Ratio	Lower	Upper
45	100		
58	0.0	30.5	45.7#



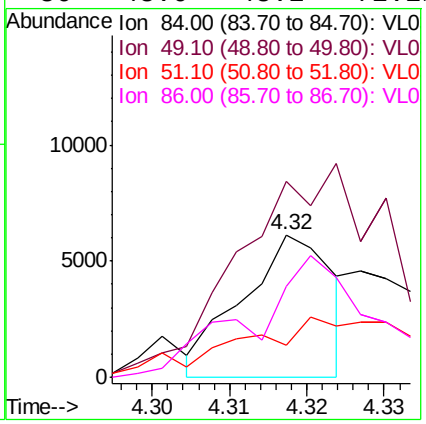


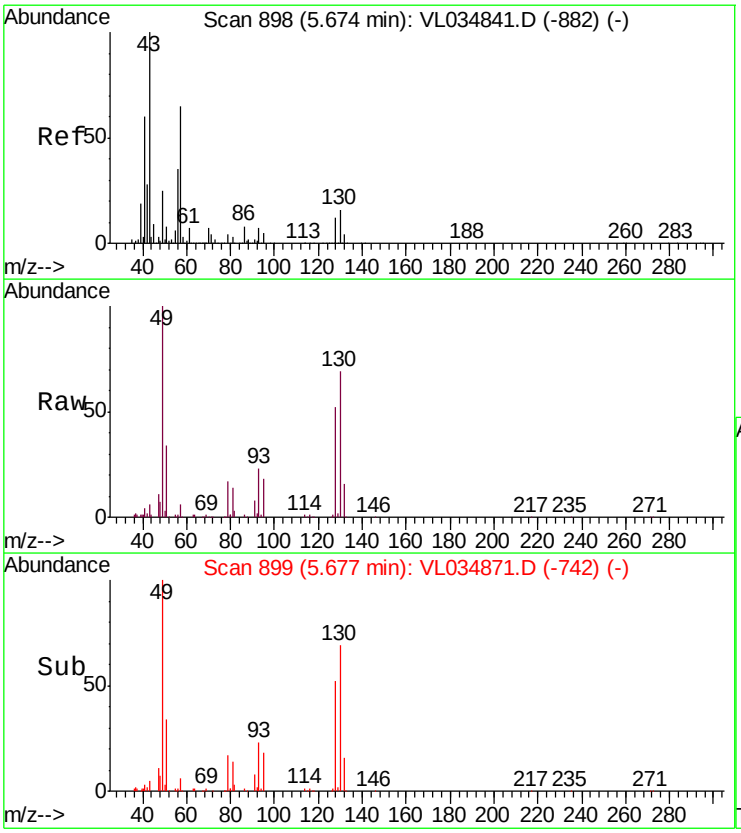
#20
Methylene Chloride
Concen: 0.131 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument : MSVOA_L
ClientSampleId : AA-2DL

Tgt Ion: 84 Resp: 4946

Ion	Ratio	Lower	Upper
84	100		
49	137.6	121.5	182.3
51	23.0	36.6	55.0#
86	48.0	48.2	72.2#

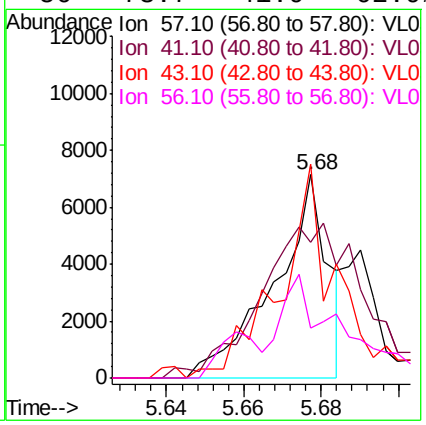


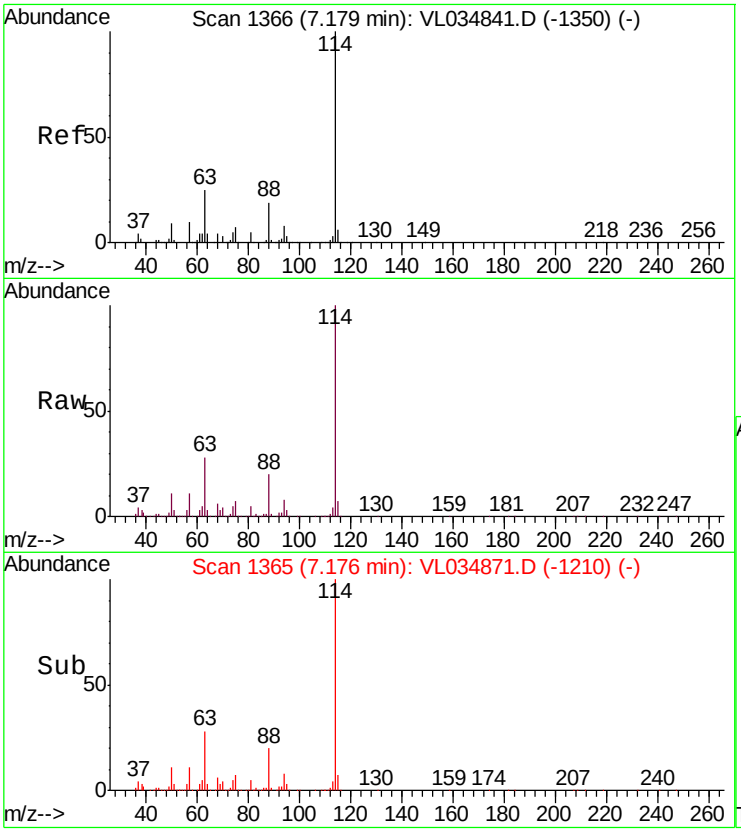


#26
Hexane
Concen: 0.075 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 57 Resp: 6862

Ion	Ratio	Lower	Upper
57	100		
41	154.6	72.6	109.0#
43	112.9	183.8	275.6#
56	73.7	41.9	62.9#



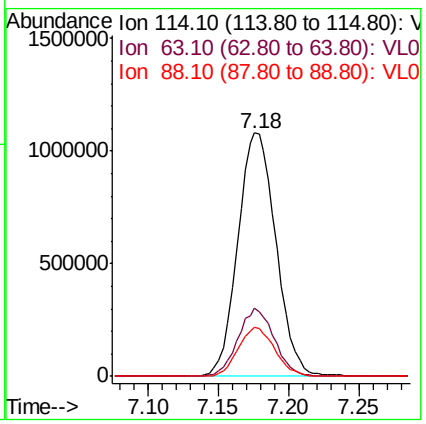


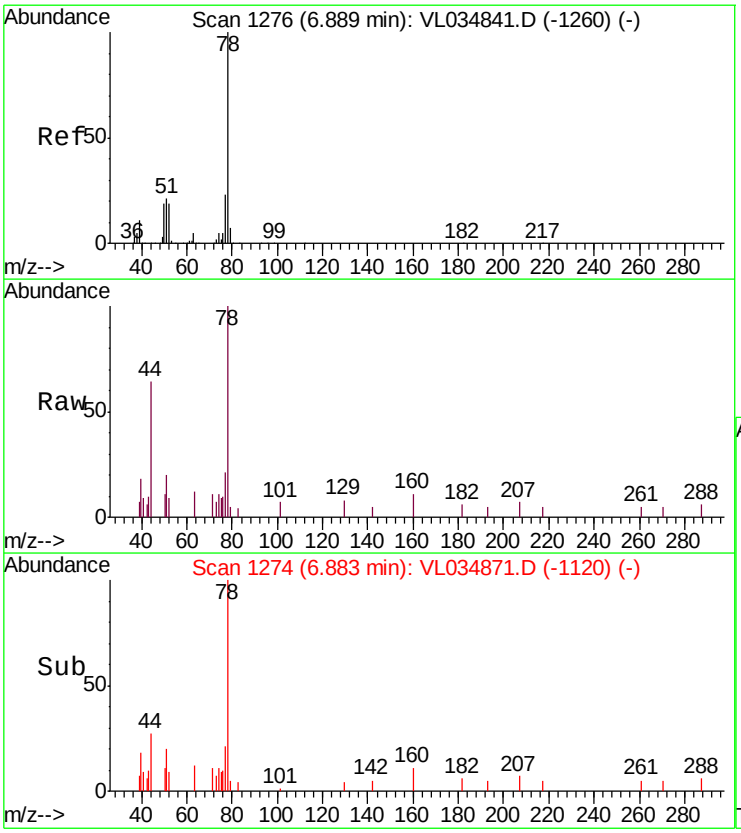
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument : MSVOA_L
ClientSampleId : AA-2DL

Tgt Ion:114 Resp: 2040611

Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.6	31.0
88	19.4	15.0	22.6

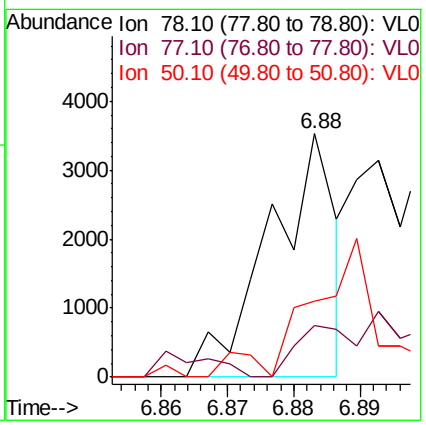


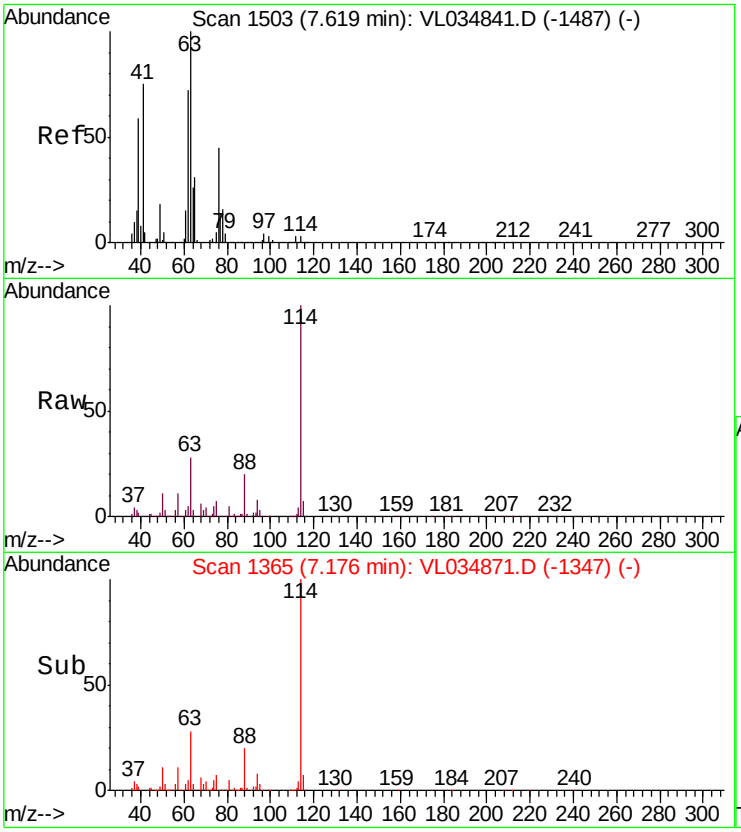


#36
Benzene
Concen: 0.013 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 78 Resp: 2430

Ion	Ratio	Lower	Upper
78	100		
77	15.2	18.2	27.2#
50	31.1	15.2	22.8#



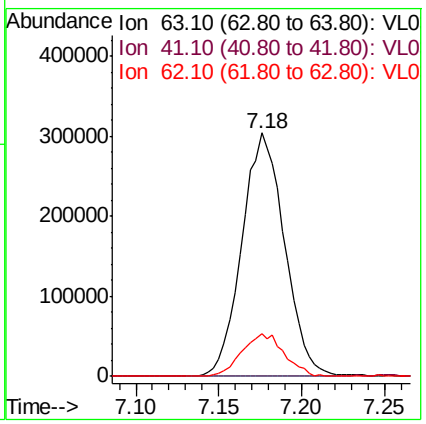


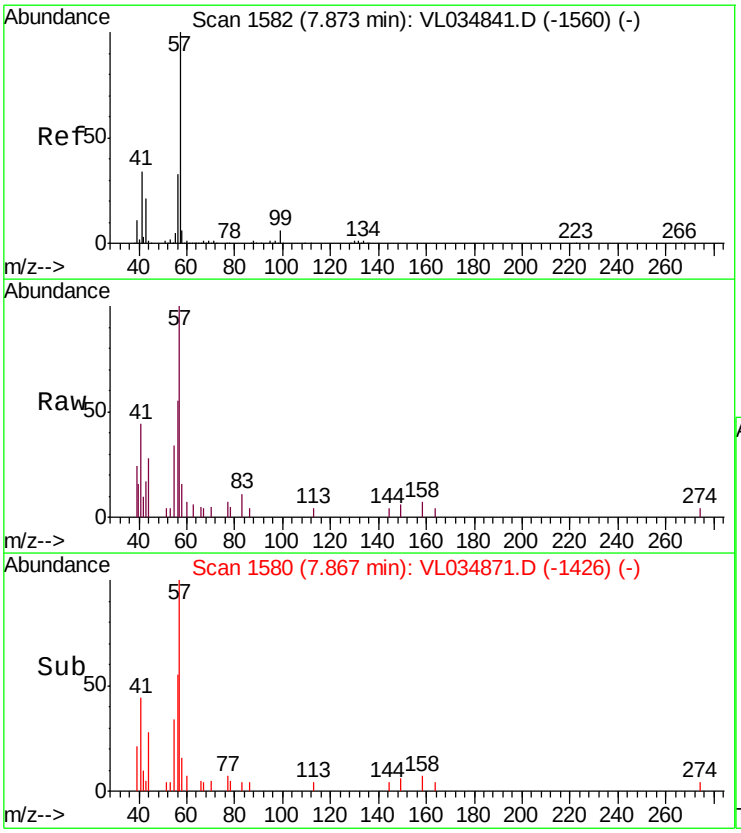
#39
1,2-Dichloropropane
Concen: 7.547 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.44 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument : MSVOA_L
ClientSampleId : AA-2DL

Tgt Ion: 63 Resp: 543885

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.8	89.8#
62	17.4	57.6	86.4#

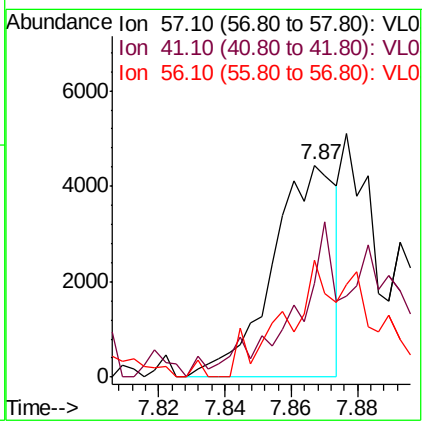


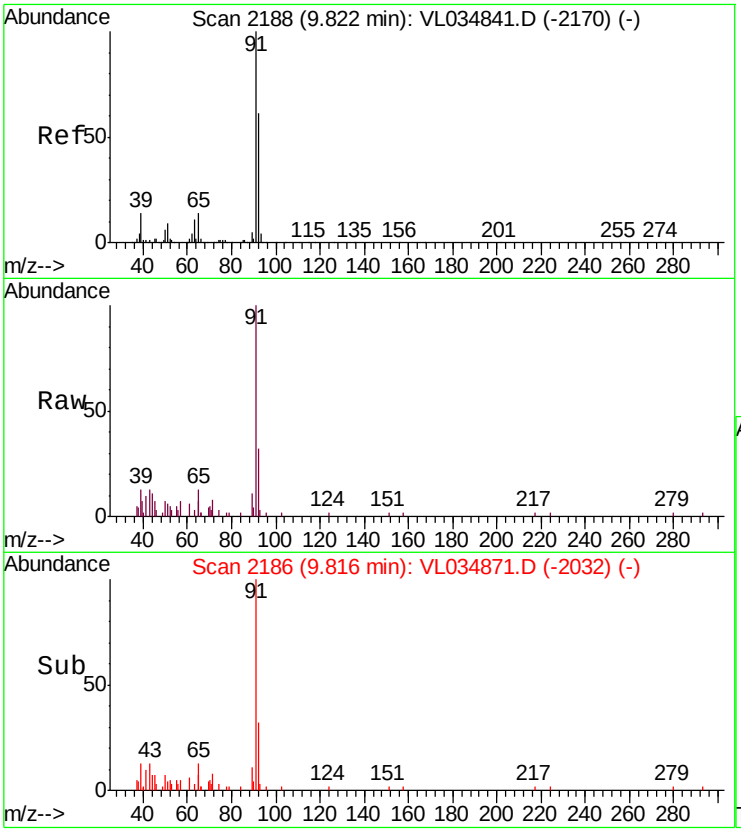


#44
2,2,4-Trimethylpentane
Concen: 0.019 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion: 57 Resp: 5927

Ion	Ratio	Lower	Upper
57	100		
41	96.8	26.2	39.4#
56	75.1	25.0	37.4#



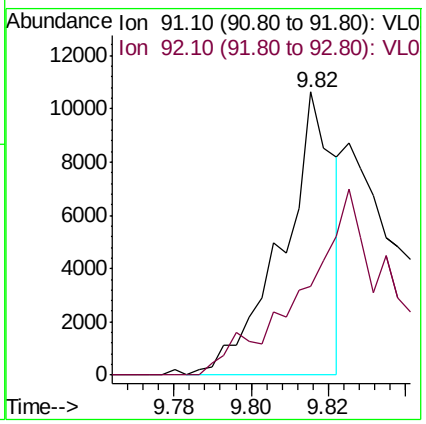


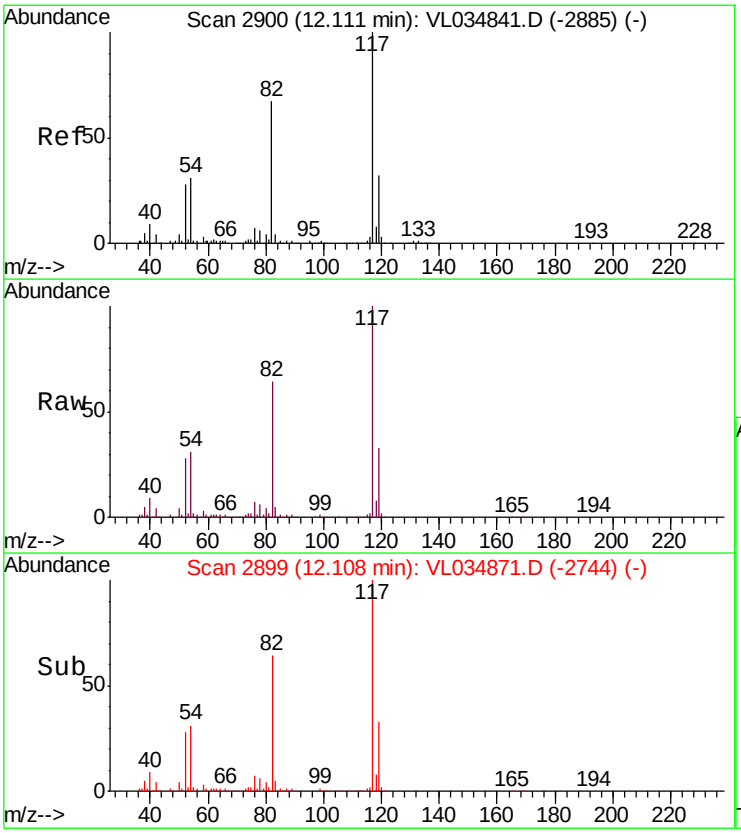
#53
Toluene
Concen: 0.047 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tgt Ion: 91 Resp: 9827

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.6	72.8#

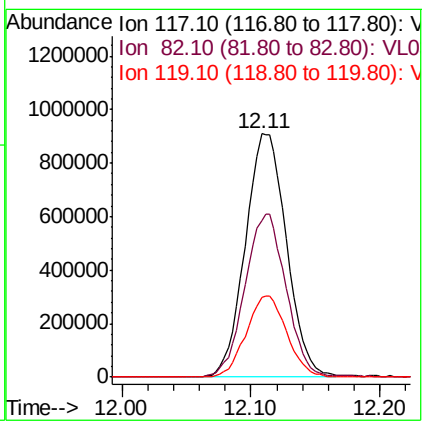


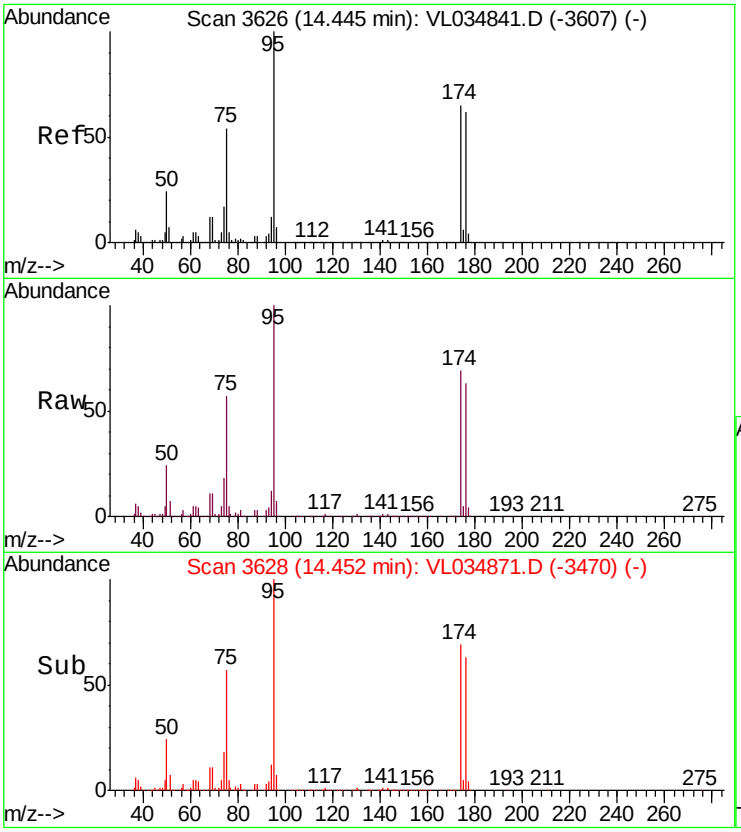


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Tgt Ion:117 Resp: 2024170

Ion	Ratio	Lower	Upper
117	100		
82	67.1	51.1	76.7
119	33.1	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.190 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. 0.01 min
Lab File: VL034871.D
Acq: 10 Mar 2020 18:18

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tgt Ion: 95 Resp: 1608540

Ion	Ratio	Lower	Upper
95	100		
174	67.5	55.2	82.8
175	5.1	4.3	6.5