Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051220\
Data File : VL034991.D
Acq On : 12 May 2020 17:42
Operator : SY/AP
Sample : L2567-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Quant Time: May 13 01:08:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1086949	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2498460	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.11	117	2323822	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1917783	10.20	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
4) Chloromethane	3.10	50	5529	0.078	ppbv #	81
9) Propene	2.98	41	28353	0.527	ppbv #	71
10) Heptane	8.13	43	7472	0.055	ppbv #	64
13) Ethanol	3.57	45	2664771	149.962	ppbv	98
15) Acetone	3.82	43	353709	2.461	ppbv	97
16) 1,3-Butadiene	3.29	39	1402	0.023	ppbv	98
17) tert-Butyl alcohol	3.95	59	26134	0.204	ppbv	98
19) Isopropyl Alcohol	3.94	45	823789	8.596	ppbv	100
20) Methylene Chloride	4.31	84	51031	1.073	ppbv #	83
25) Ethyl Acetate	5.67	43	136672	0.566	ppbv #	94
26) Hexane	5.67	57	103032	0.985	ppbv #	65
34) 2-Butanone	5.23	43	19161	0.123	ppbv #	85
36) Benzene	6.89	78	8671	0.042	ppbv #	75
38) Trichloroethene	7.83	130	5345	0.067	ppbv #	67
39) 1,2-Dichloropropane	7.18	63	670635	8.121	ppbv #	24
41) Tetrahydrofuran	6.06	42	9227	0.113	ppbv #	89
52) Tetrachloroethene	11.24	164	61361	0.838	ppbv	96
53) Toluene	9.82	91	1319770	6.044	ppbv	98
58) Ethyl Benzene	12.73	91	44406	0.155	ppbv	91
59) m/p-Xylene	13.00	91	73509	0.291	ppbv #	8
60) o-Xylene	13.72	91	17354	0.070	ppbv #	11
61) Styrene	13.55	104	29805	0.189	ppbv	97

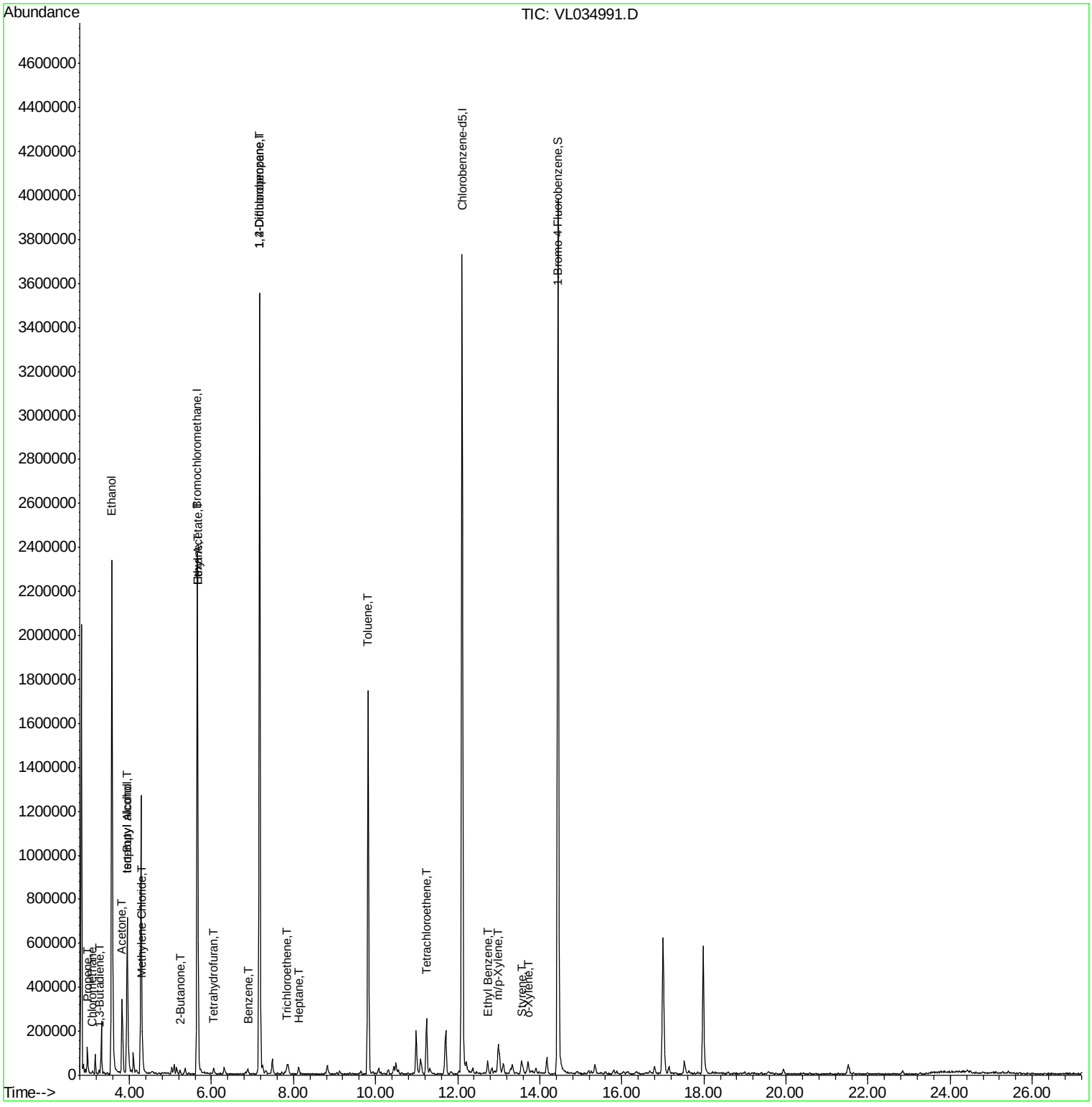
(#) = qualifier out of range (m) = manual integration (+) = signals summed

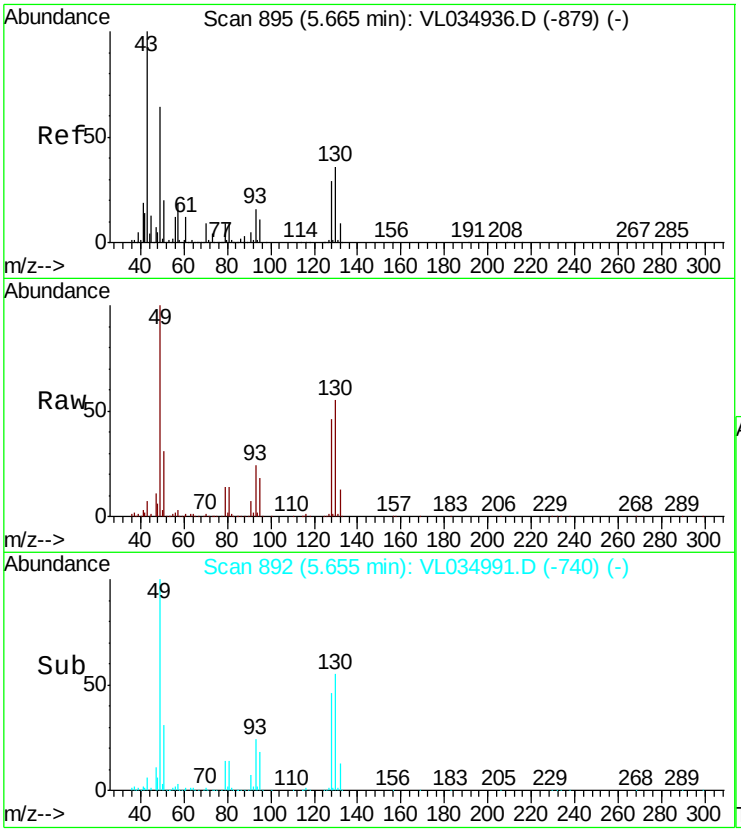
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051220\
Data File : VL034991.D
Acq On : 12 May 2020 17:42
Operator : SY/AP
Sample : L2567-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Quant Time: May 13 01:08:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration



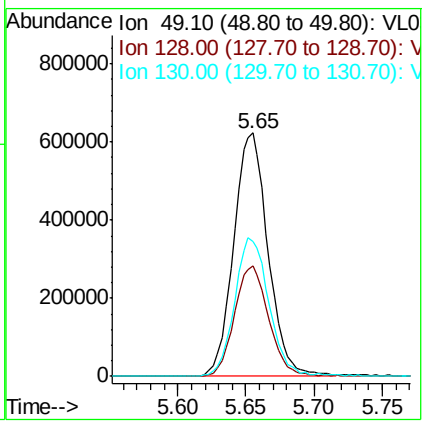


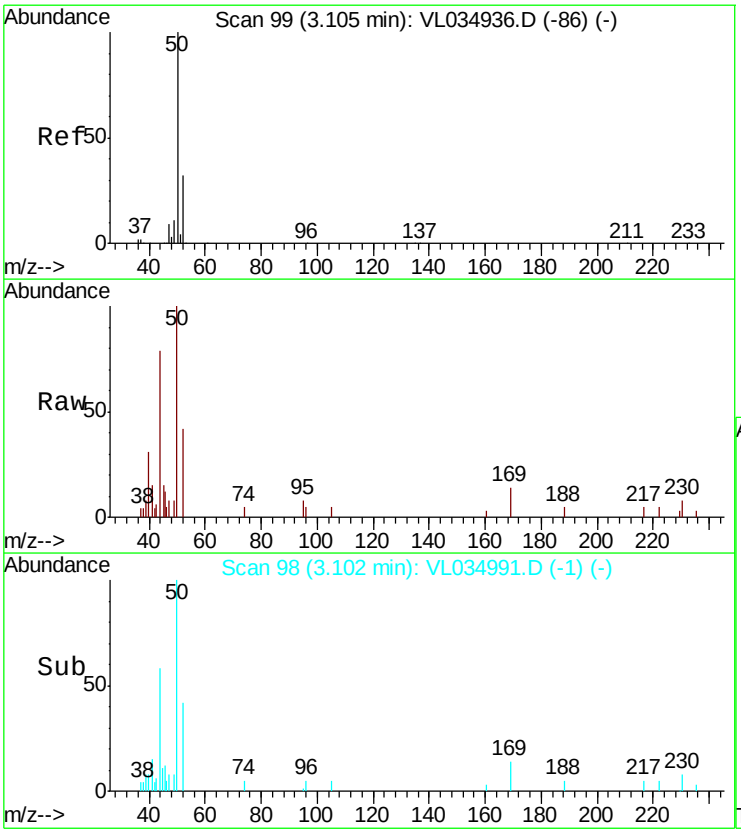
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion: 49 Resp: 1086949

Ion	Ratio	Lower	Upper
49	100		
128	45.6	22.1	66.5
130	57.6	29.1	87.3

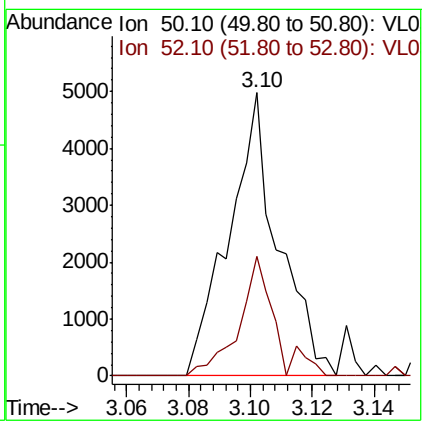


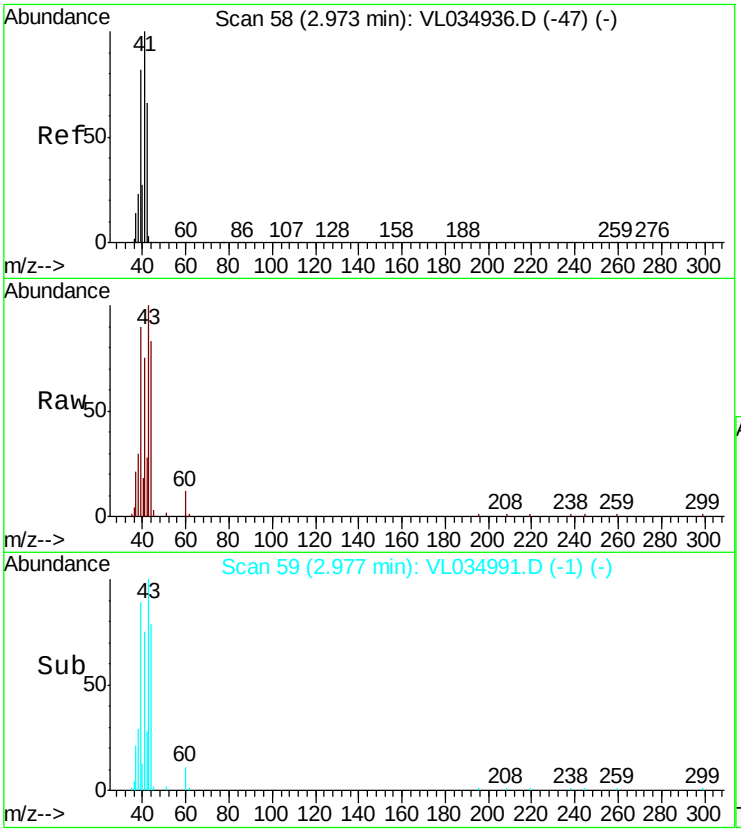


#4
Chloromethane
Concen: 0.078 ppbv
RT: 3.10 min Scan# 98
Delta R.T. -0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 50 Resp: 5529

Ion	Ratio	Lower	Upper
50	100		
52	42.4	25.4	38.2#



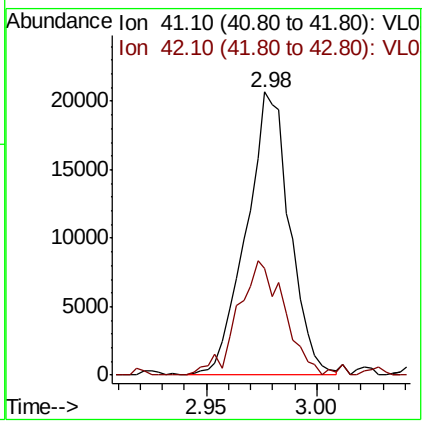


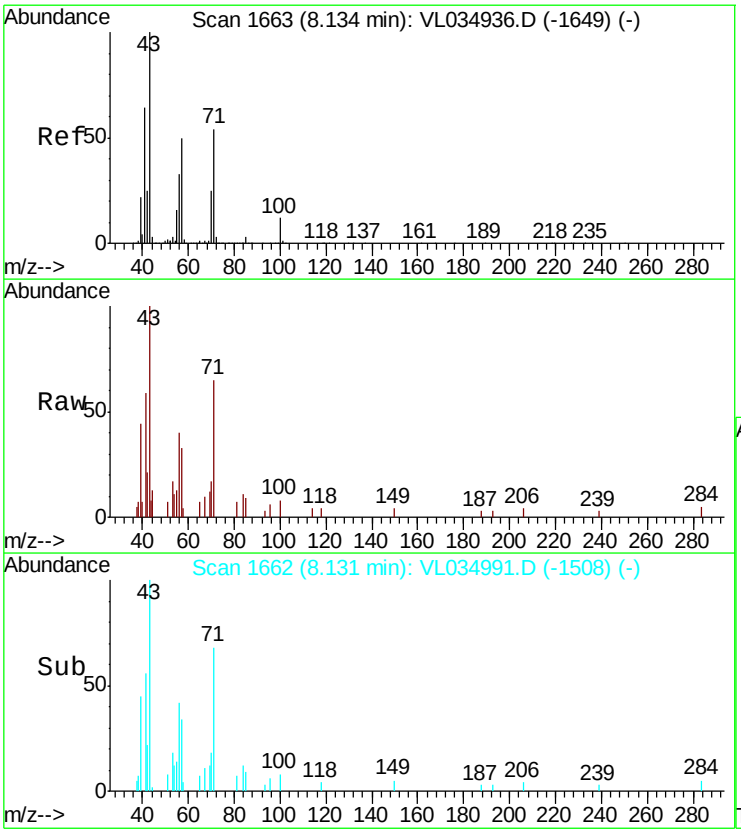
#9
Propene
Concen: 0.527 ppbv
RT: 2.98 min Scan# 59
Delta R.T. 0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion: 41 Resp: 28353

Ion	Ratio	Lower	Upper
41	100		
42	44.8	54.5	81.7#

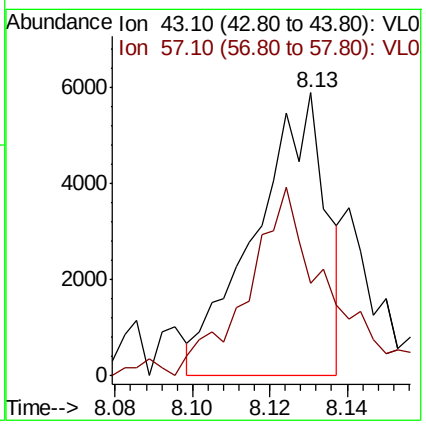


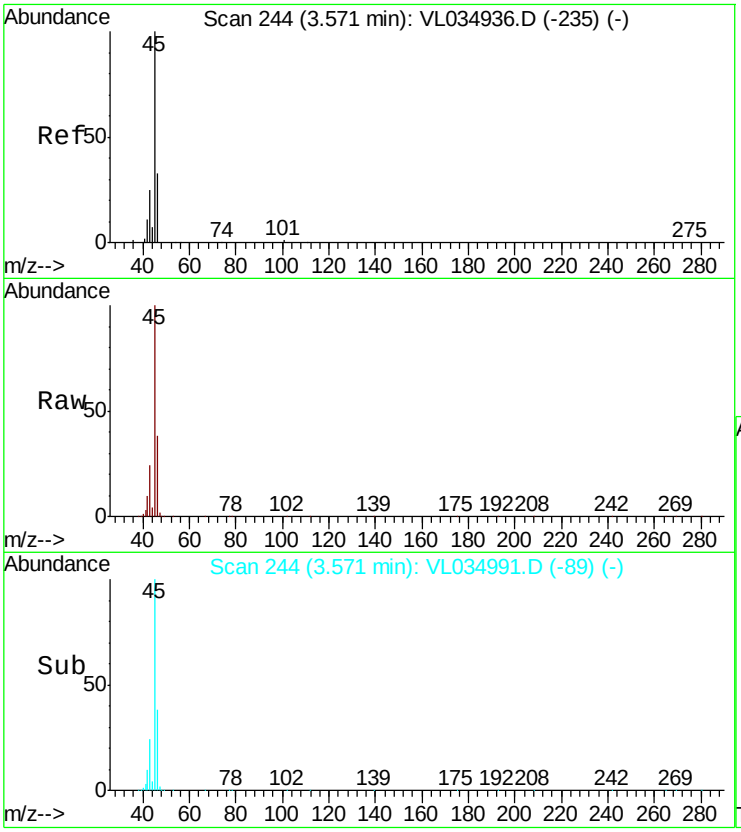


#10
Heptane
Concen: 0.055 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 43 Resp: 7472

Ion	Ratio	Lower	Upper
43	100		
57	76.7	41.1	61.7#



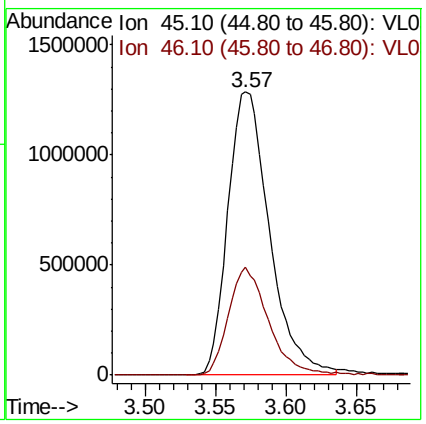


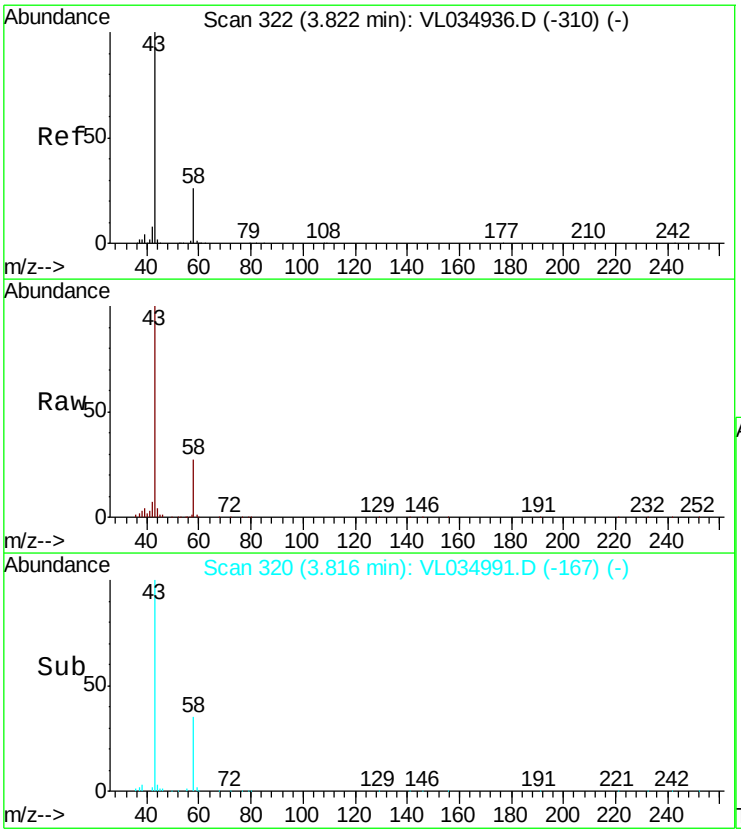
#13
Ethanol
Concen: 149.962 ppbv
RT: 3.57 min Scan# 244
Delta R.T. -0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion: 45 Resp: 2664771

Ion	Ratio	Lower	Upper
45	100		
46	37.0	14.3	57.3

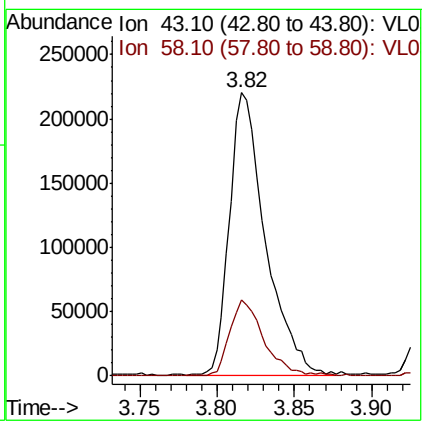


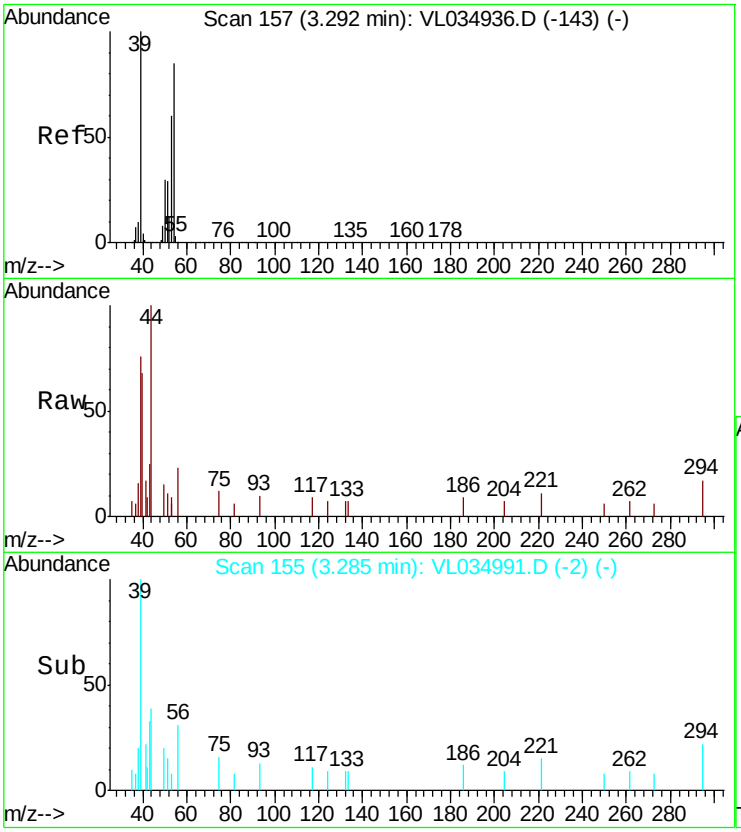


#15
Acetone
Concen: 2.461 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 43 Resp: 353709

Ion	Ratio	Lower	Upper
43	100		
58	25.6	21.7	32.5



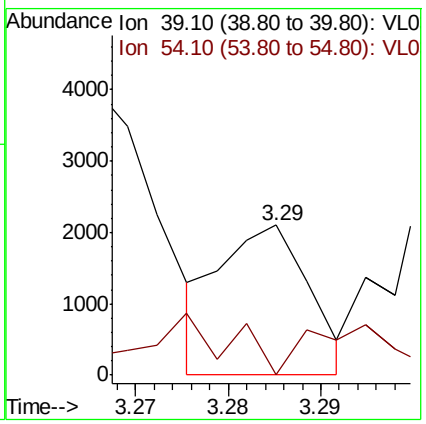


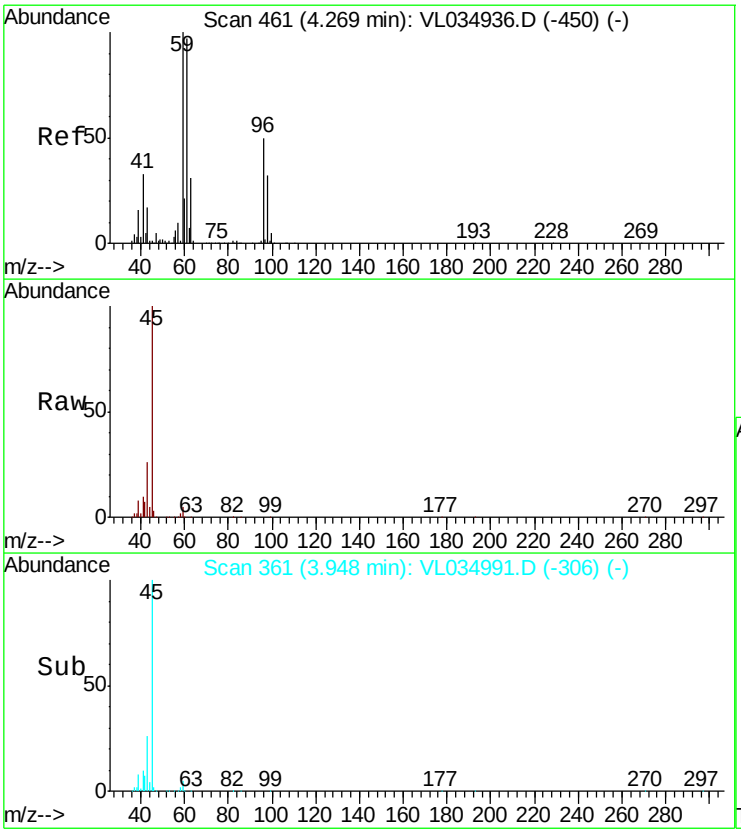
#16
1,3-Butadiene
Concen: 0.023 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion: 39 Resp: 1402

Ion	Ratio	Lower	Upper
39	100		
54	84.8	66.6	100.0

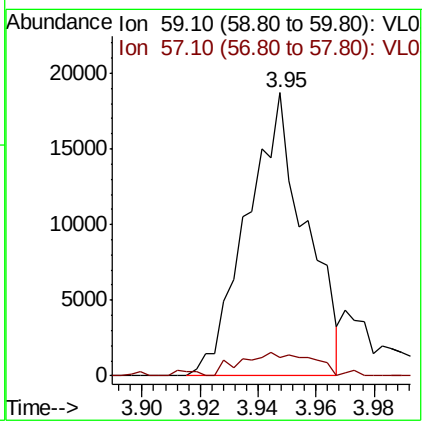


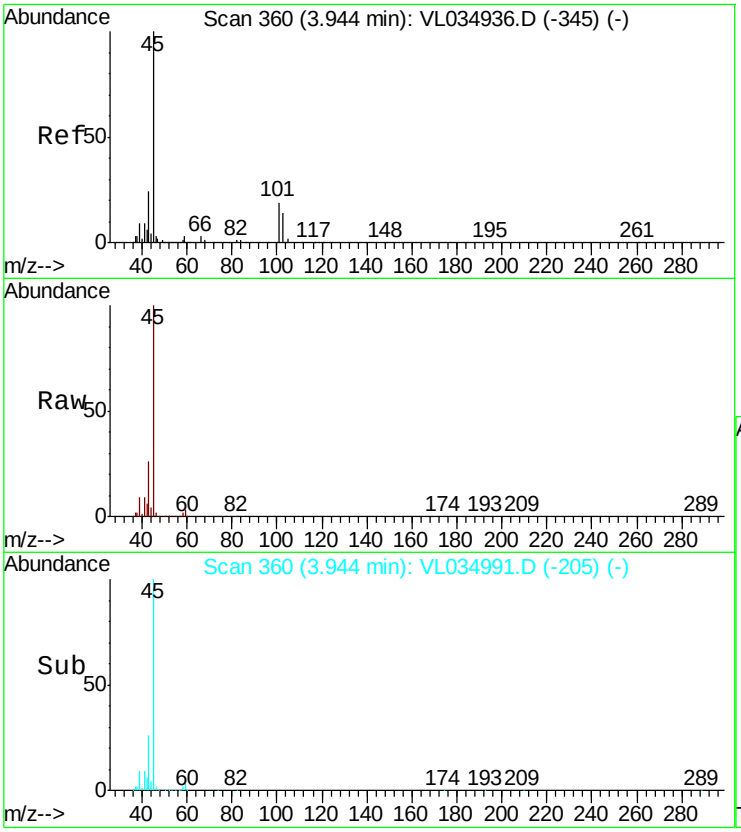


#17
tert-Butyl alcohol
Concen: 0.204 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.32 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 59 Resp: 26134

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.7	13.1



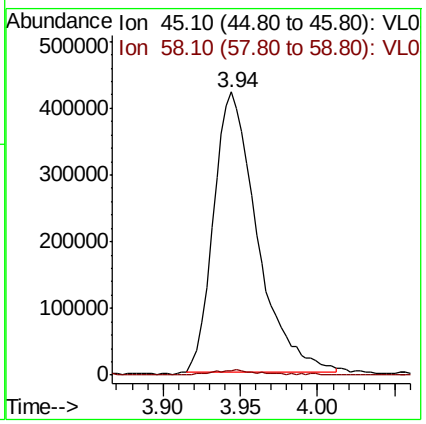


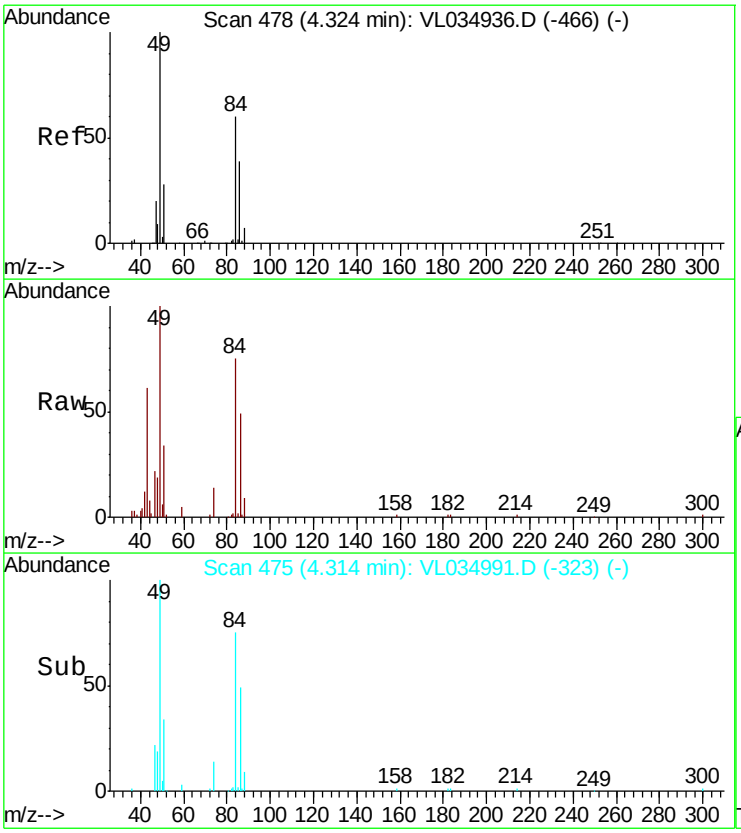
#19
Isopropyl Alcohol
Concen: 8.596 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Tgt Ion: 45 Resp: 823789

Ion	Ratio	Lower	Upper
45	100		
58	2.2	1.7	2.5

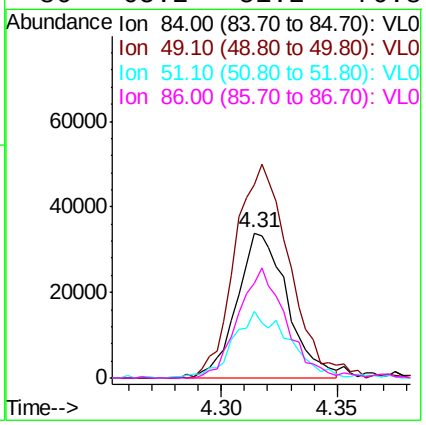


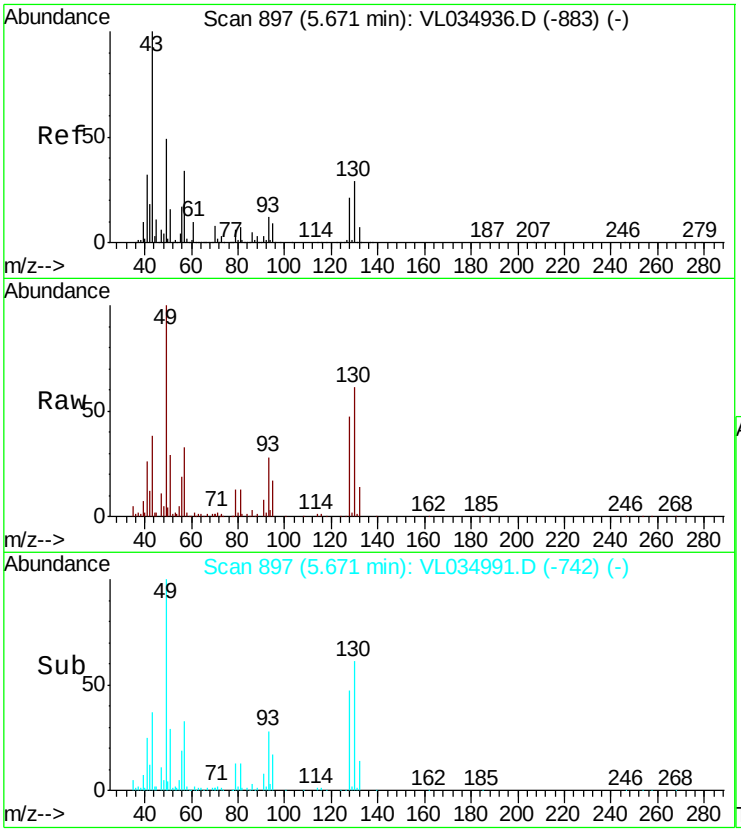


#20
Methylene Chloride
Concen: 1.073 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 84 Resp: 51031

Ion	Ratio	Lower	Upper
84	100		
49	130.9	132.5	198.7#
51	44.2	38.4	57.6
86	65.2	51.2	76.8



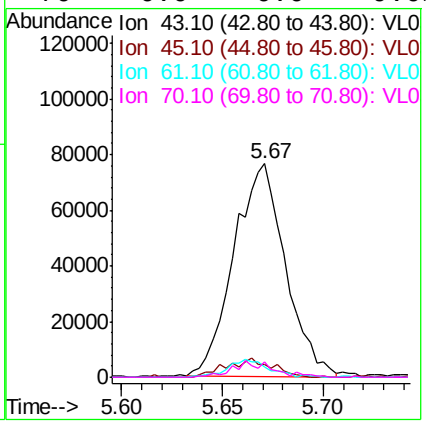


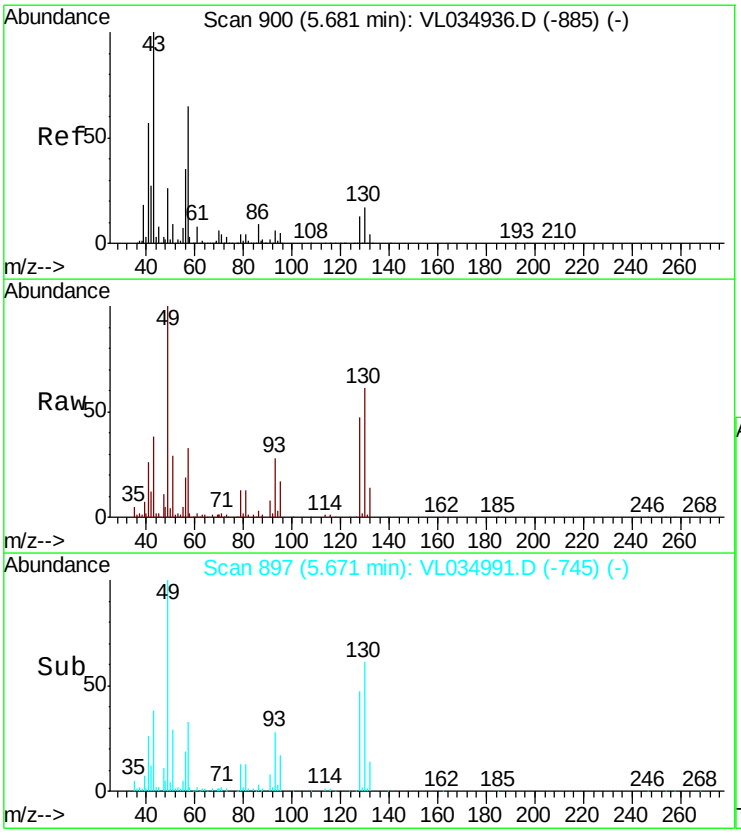
#25
Ethyl Acetate
Concen: 0.566 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Tgt Ion: 43 Resp: 136672

Ion	Ratio	Lower	Upper
43	100		
45	8.5	8.1	12.1
61	6.9	7.8	11.8#
70	6.0	6.0	9.0#

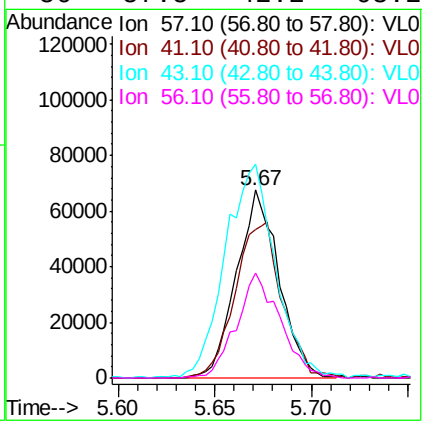


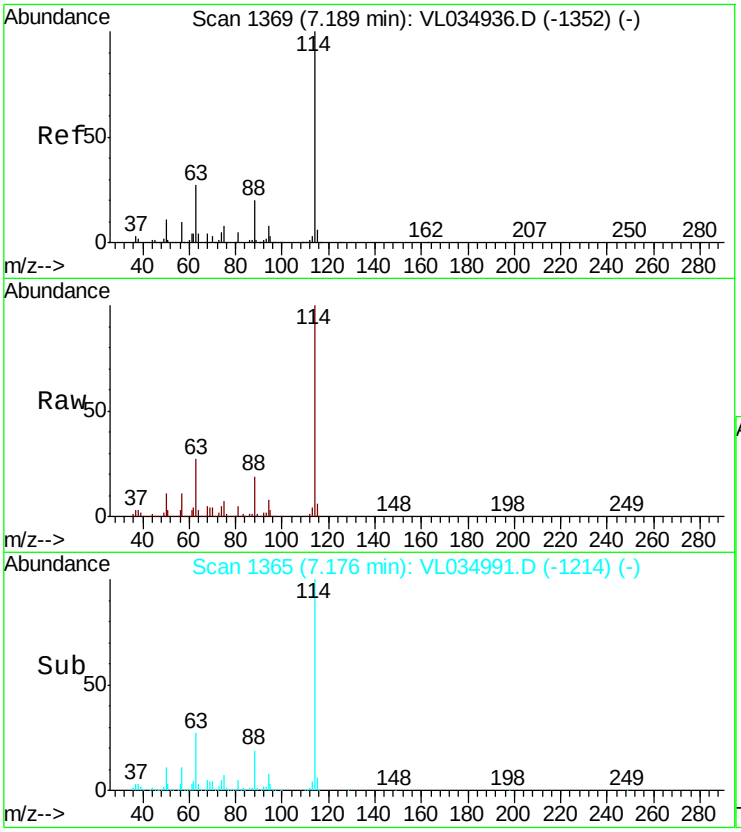


#26
Hexane
Concen: 0.985 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 57 Resp: 103032

Ion	Ratio	Lower	Upper
57	100		
41	92.3	72.7	109.1
43	136.2	182.1	273.1#
56	57.5	42.2	63.2



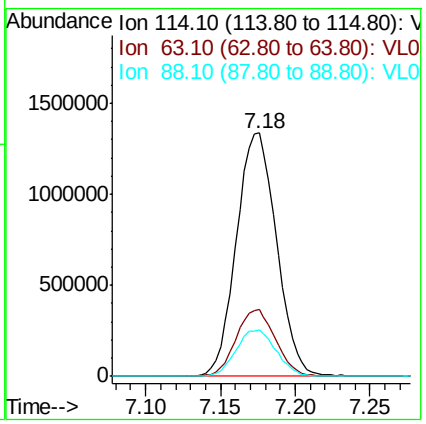


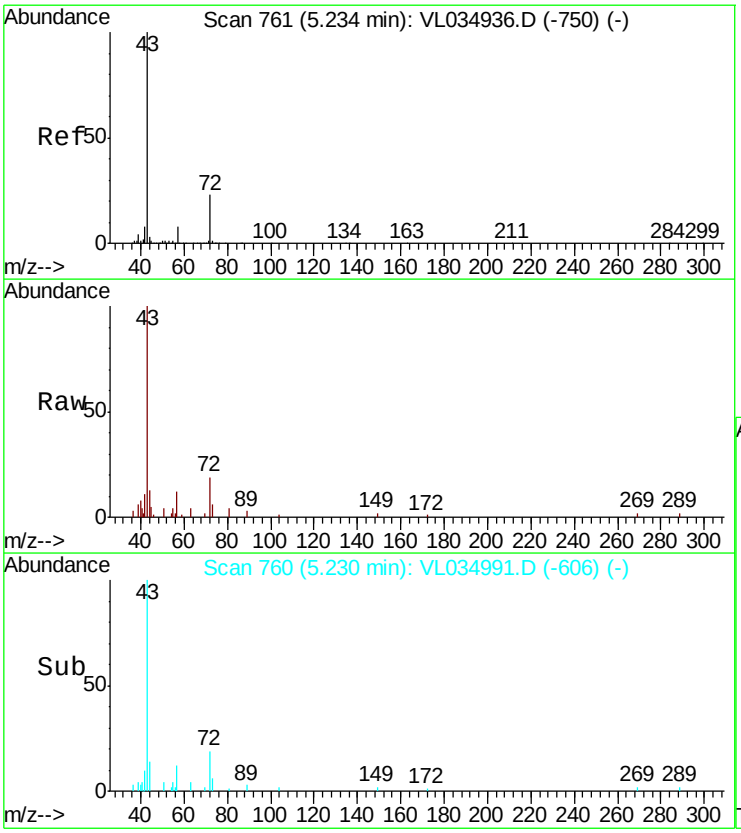
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion:114 Resp: 2498460

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.4
88	19.1	15.5	23.3

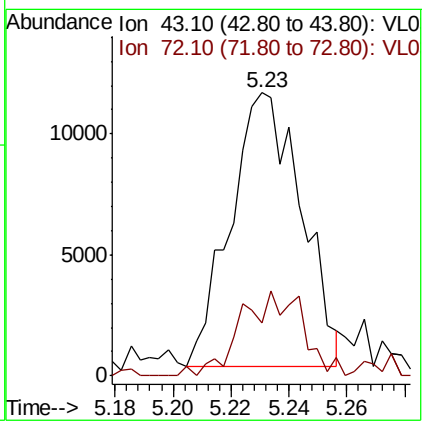


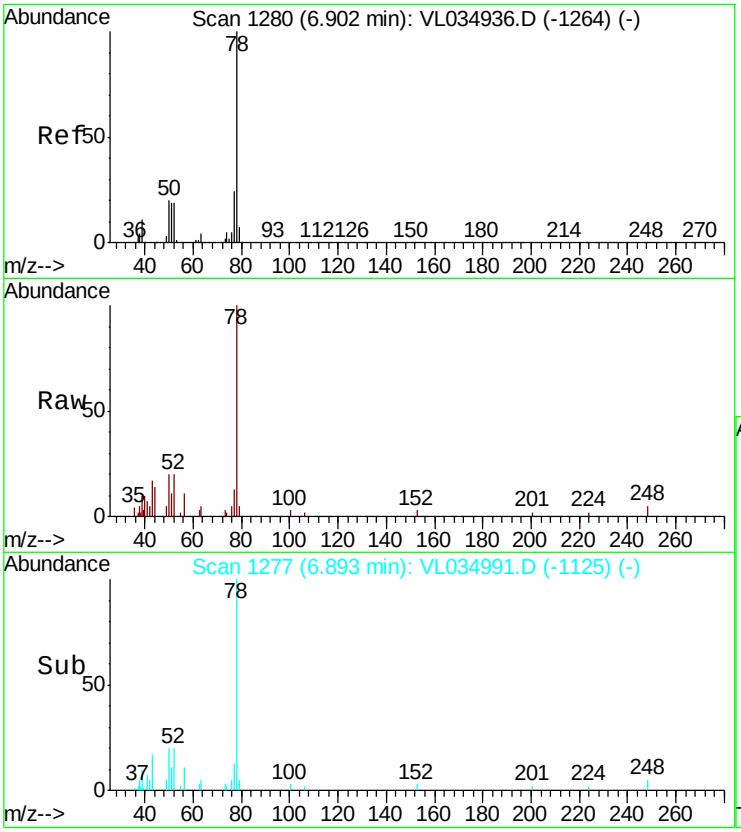


#34
2-Butanone
Concen: 0.123 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.00 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 43 Resp: 19161

Ion	Ratio	Lower	Upper
43	100		
72	29.5	18.0	27.0#



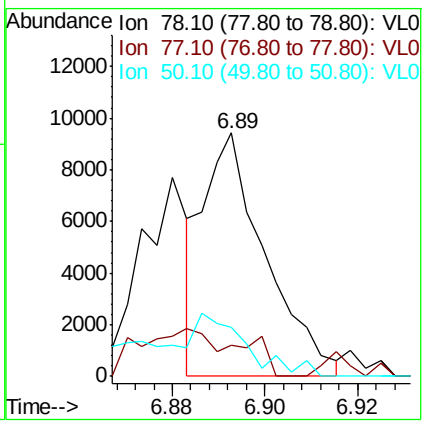


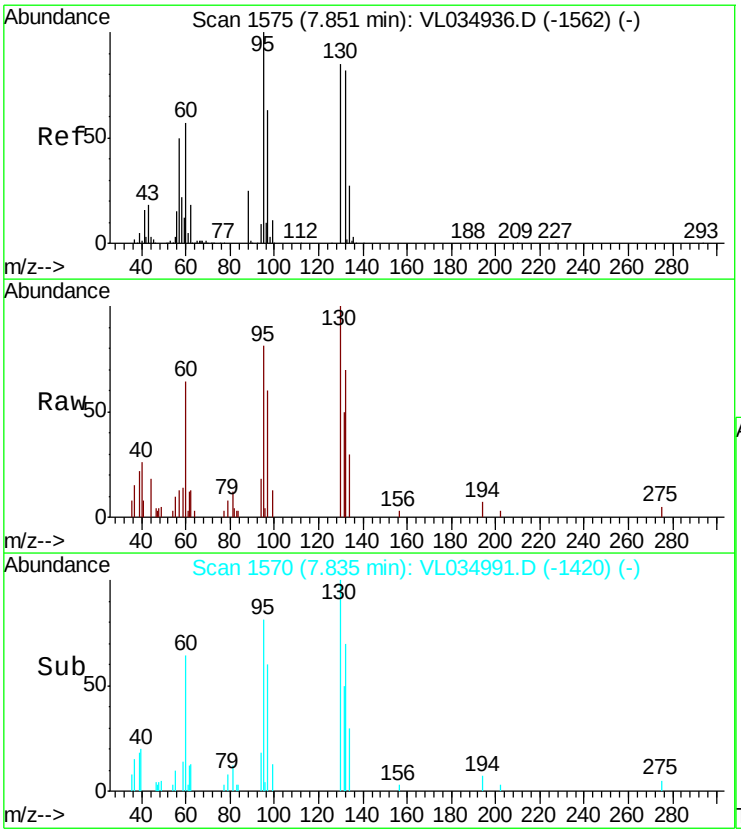
#36
Benzene
Concen: 0.042 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion: 78 Resp: 8671

Ion	Ratio	Lower	Upper
78	100		
77	2.8	19.0	28.6#
50	21.5	15.8	23.8

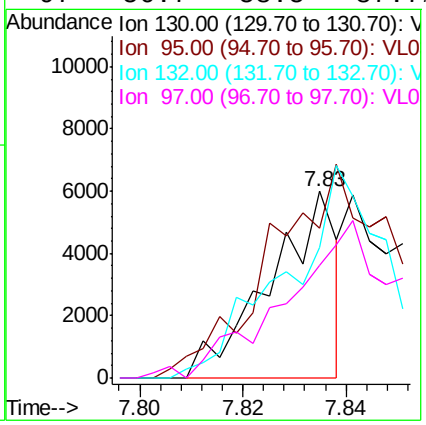


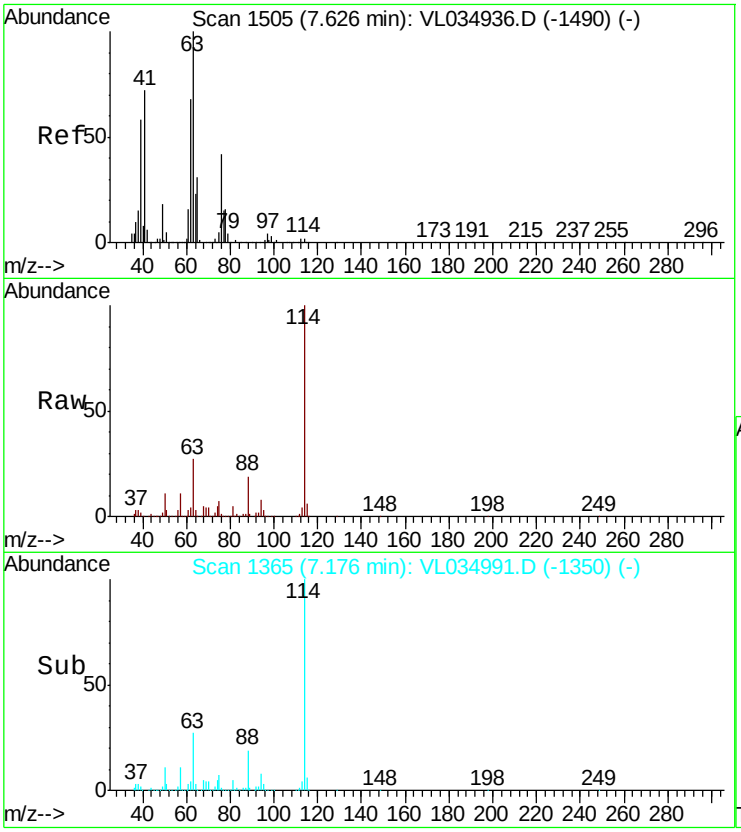


#38
Trichloroethene
Concen: 0.067 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.02 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion:130 Resp: 5345

Ion	Ratio	Lower	Upper
130	100		
95	68.6	93.4	140.0#
132	65.7	76.4	114.6#
97	56.7	58.5	87.7#



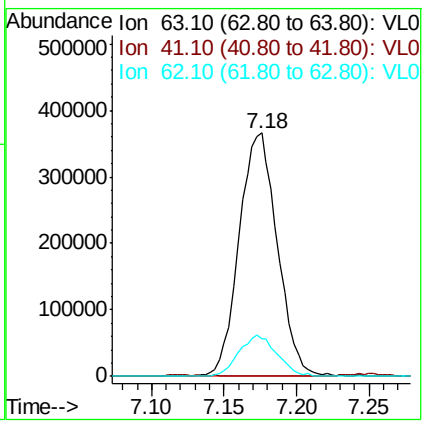


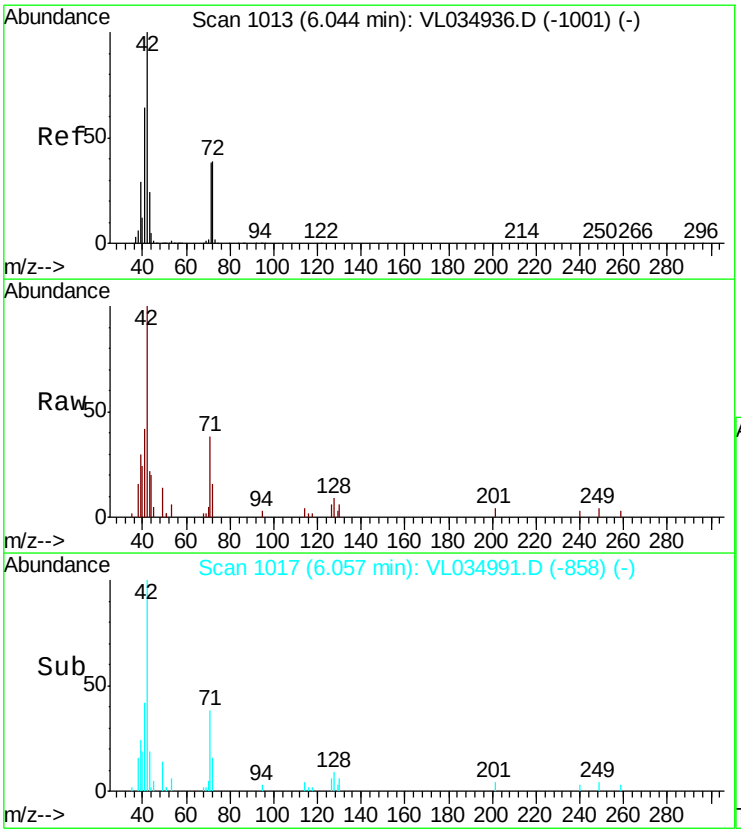
#39
1,2-Dichloropropane
Concen: 8.121 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.45 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Tgt Ion: 63 Resp: 670635

Ion	Ratio	Lower	Upper
63	100		
41	0.0	57.8	86.8#
62	15.3	54.2	81.2#

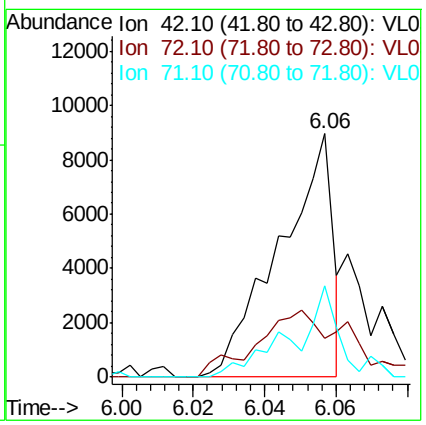


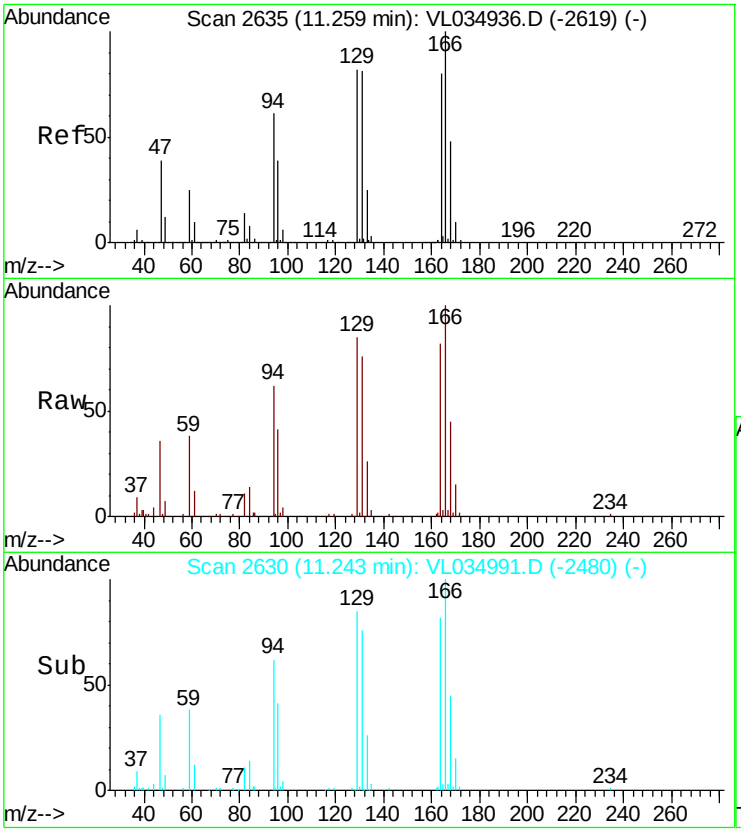


#41
Tetrahydrofuran
Concen: 0.113 ppbv
RT: 6.06 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 42 Resp: 9227

Ion	Ratio	Lower	Upper
42	100		
72	49.3	31.4	47.0#
71	34.0	29.8	44.8



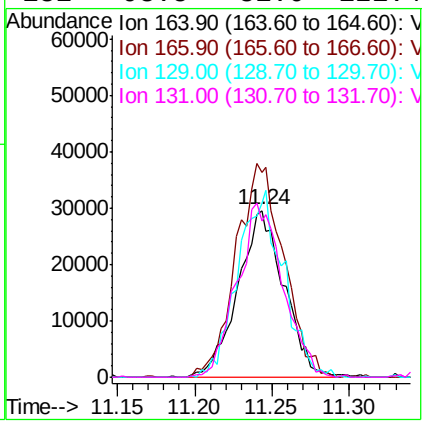


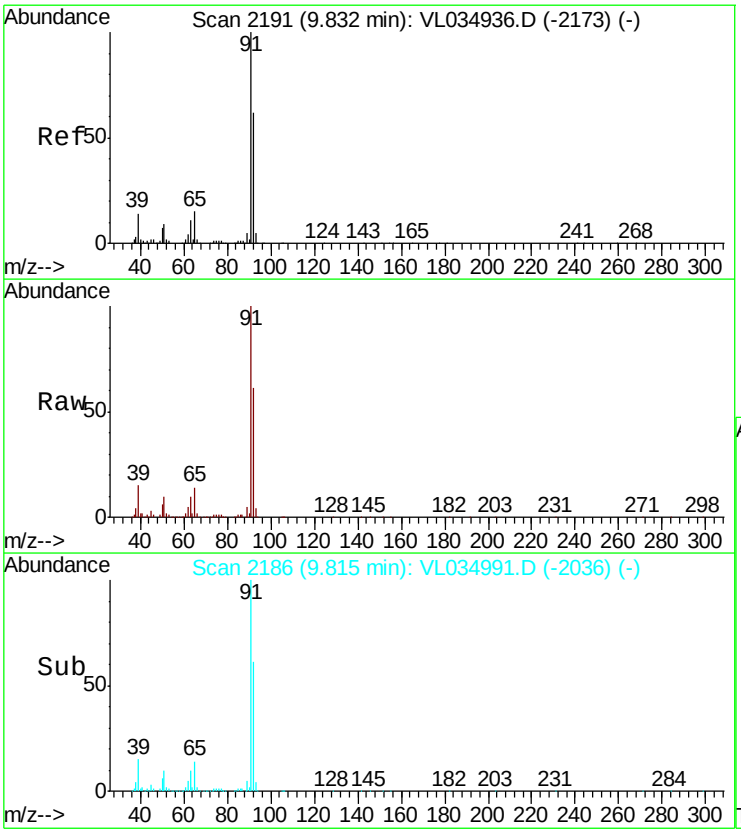
#52
Tetrachloroethene
Concen: 0.838 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.02 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Tgt Ion:164 Resp: 61361

Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.7	151.1
129	104.1	83.0	124.4
131	93.5	81.0	121.4

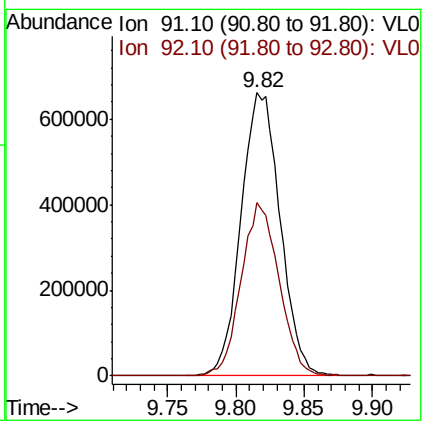


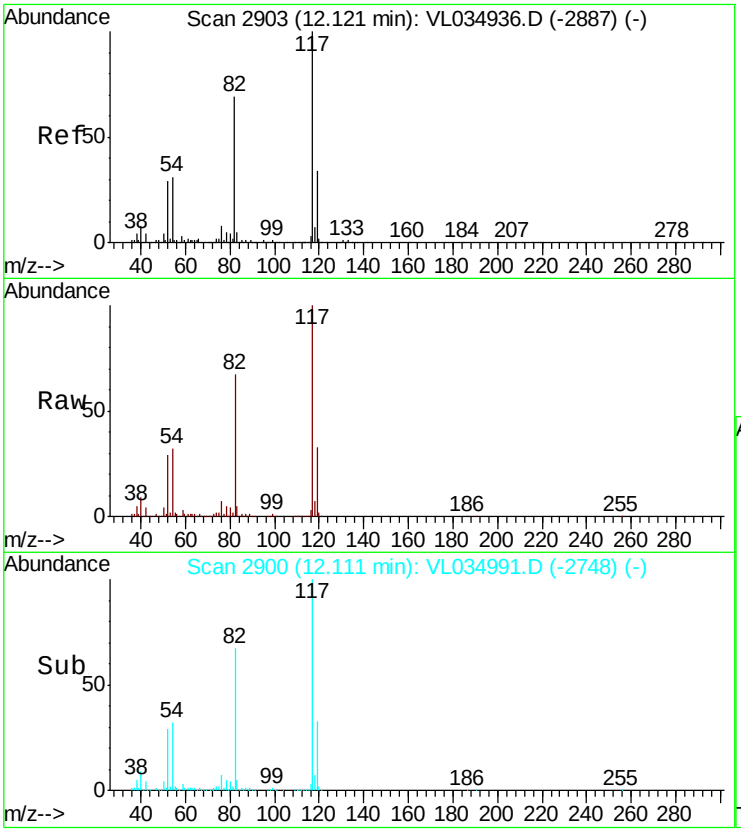


#53
Toluene
Concen: 6.044 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.02 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 91 Resp: 1319770

Ion	Ratio	Lower	Upper
91	100		
92	59.2	48.6	73.0



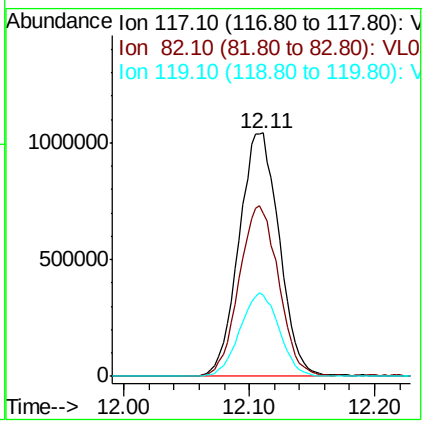


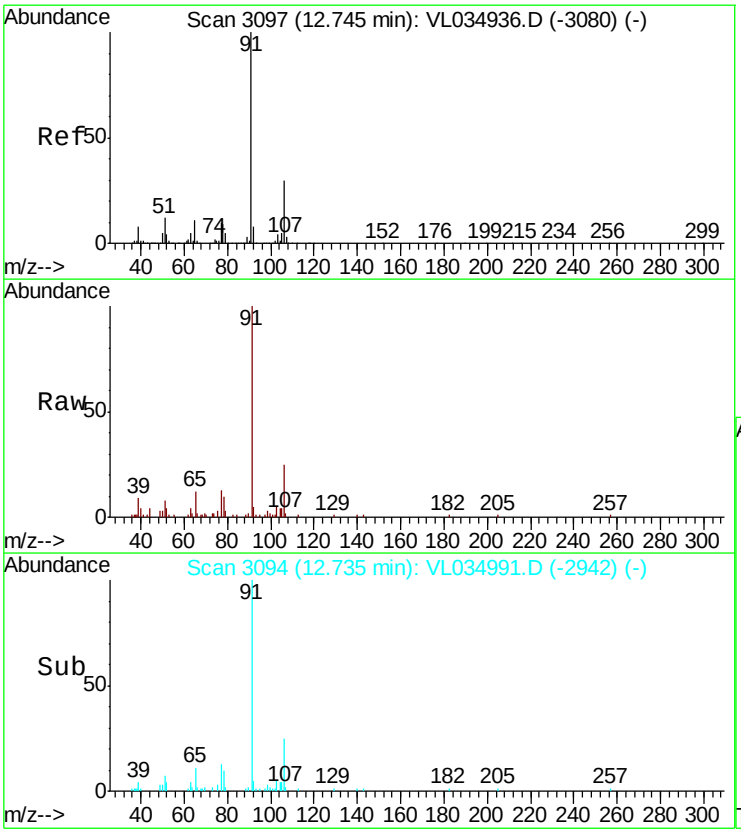
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion:117 Resp: 2323822

Ion	Ratio	Lower	Upper
117	100		
82	69.1	53.1	79.7
119	33.5	26.7	40.1

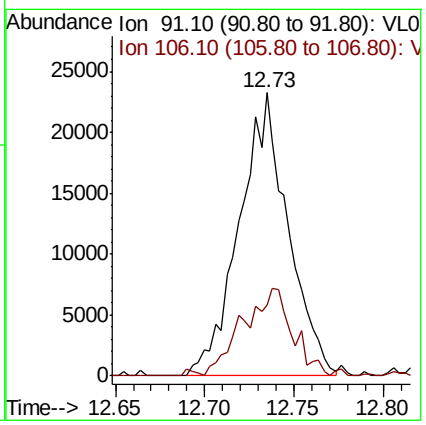


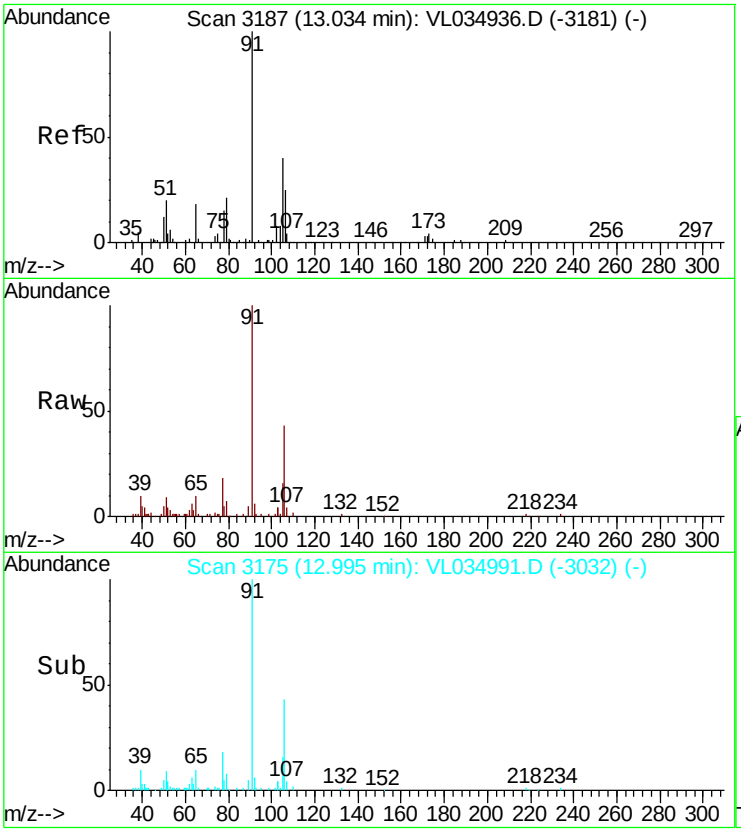


#58
Ethyl Benzene
Concen: 0.155 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 91 Resp: 44406

Ion	Ratio	Lower	Upper
91	100		
106	25.7	24.2	36.4



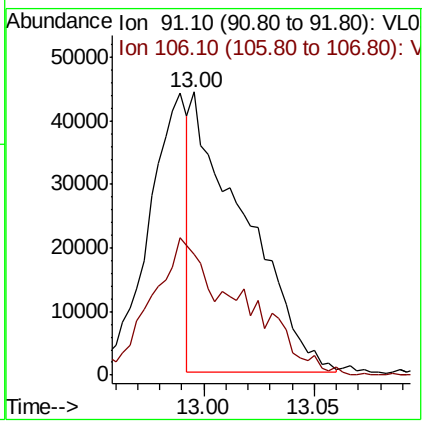


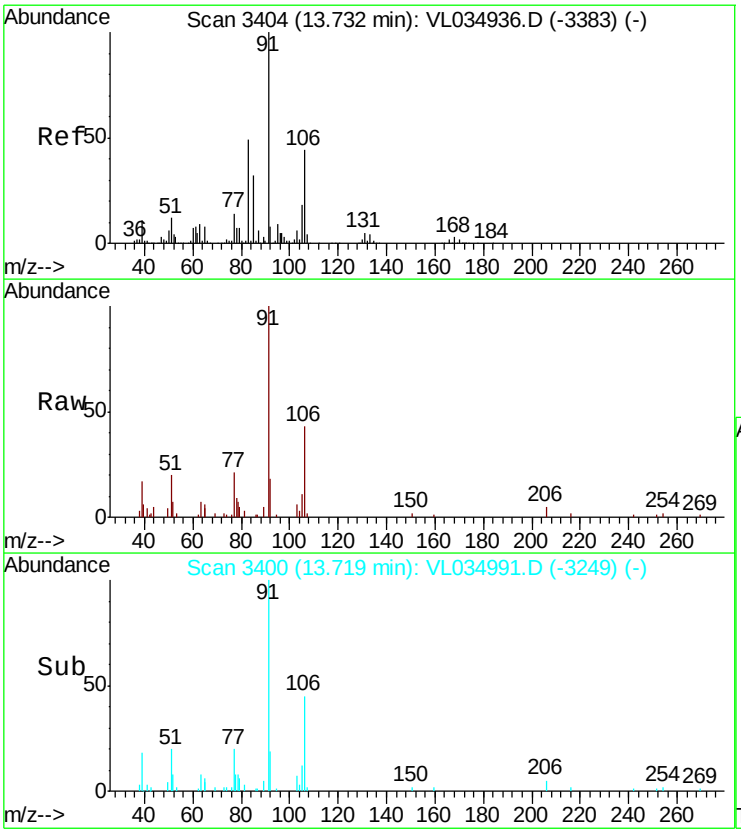
#59
m/p-Xylene
Concen: 0.291 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. -0.04 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument : MSVOA_L
ClientSampleId : IA-5DL

Tgt Ion: 91 Resp: 73509

Ion	Ratio	Lower	Upper
91	100		
106	0.0	66.0	99.0#

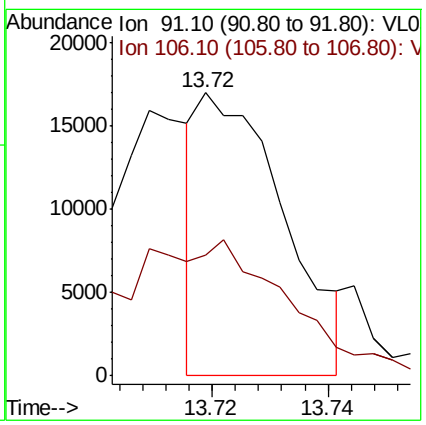


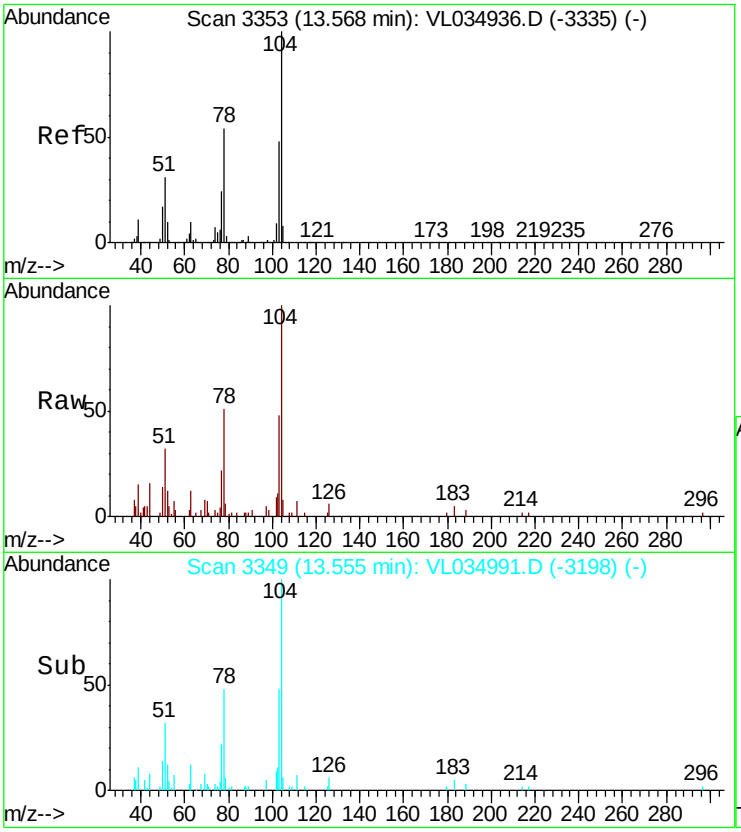


#60
o-Xylene
Concen: 0.070 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 91 Resp: 17354

Ion	Ratio	Lower	Upper
91	100		
106	101.0	21.9	65.5#



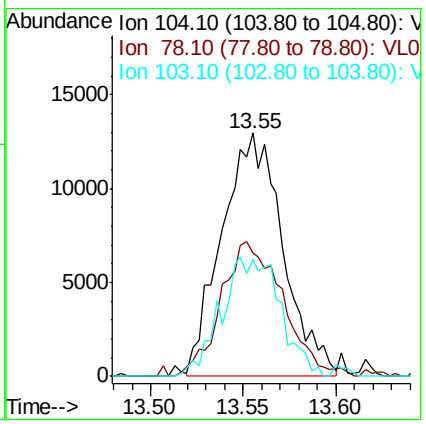


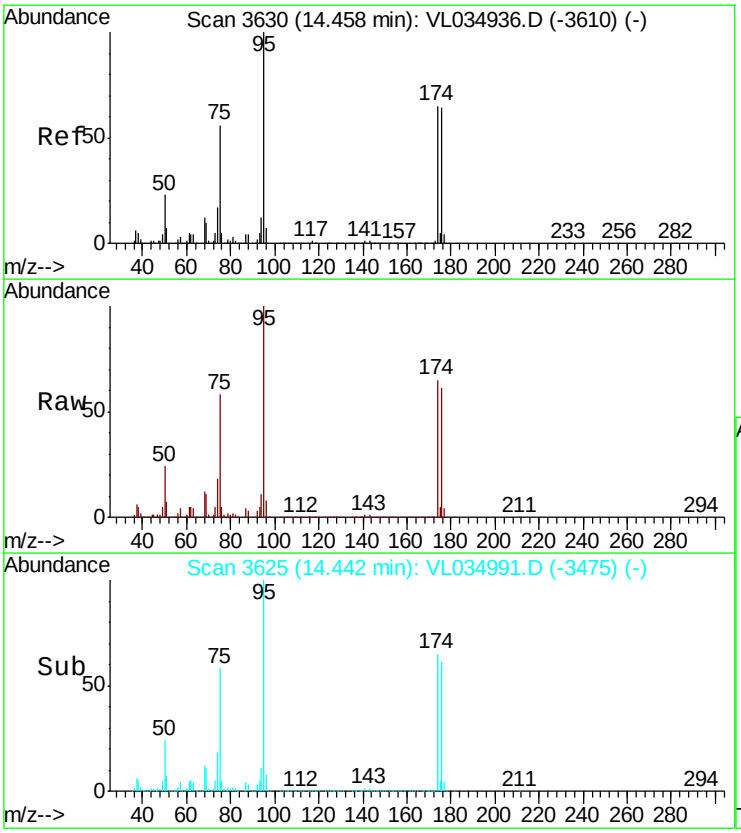
#61
Stvrene
Concen: 0.189 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.01 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
IA-5DL

Tgt Ion:104 Resp: 29805

Ion	Ratio	Lower	Upper
104	100		
78	57.0	43.7	65.5
103	47.1	38.8	58.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.196 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VL034991.D
Acq: 12 May 2020 17:42

Tgt Ion: 95 Resp: 1917783

Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.5	77.3
175	4.9	3.8	5.8