Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\

Quantitation Report (Not Reviewed)

Data File : VL033853.D
Acq On : 30 May 2019 2:53
Operator : SY/AP
Sample : K3067-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-7-20190523-0DL

Quant Time: May 30 06:23:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	638499	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1453933	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1565765	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1259002	9.92	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	5285	0.039	ppbv #	88
3) Chlorodifluoromethane	3.01	51	6506	0.089	ppbv #	90
9) Propene	3.04	41	1720	0.055	ppbv #	15
13) Ethanol	3.66	45	13769	1.369	ppbv	75
15) Acetone	3.91	43	76781	0.867	ppbv	100
20) Methylene Chloride	4.41	84	8532	0.250	ppbv #	85
25) Ethyl Acetate	5.78	43	6489	0.042	ppbv #	90
26) Hexane	5.77	57	8928	0.133	ppbv #	42
29) Chloroform	5.84	83	13879	0.113	ppbv	96
30) Cyclohexane	7.27	84	4739	0.084	ppbv #	1
34) 2-Butanone	5.33	43	3416	0.038	ppbv #	54
39) 1,2-Dichloropropane	7.28	63	393534	7.981	ppbv #	22
52) Tetrachloroethene	11.37	164	30109	0.648	ppbv	100
53) Toluene	9.94	91	15947	0.112	ppbv	91

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

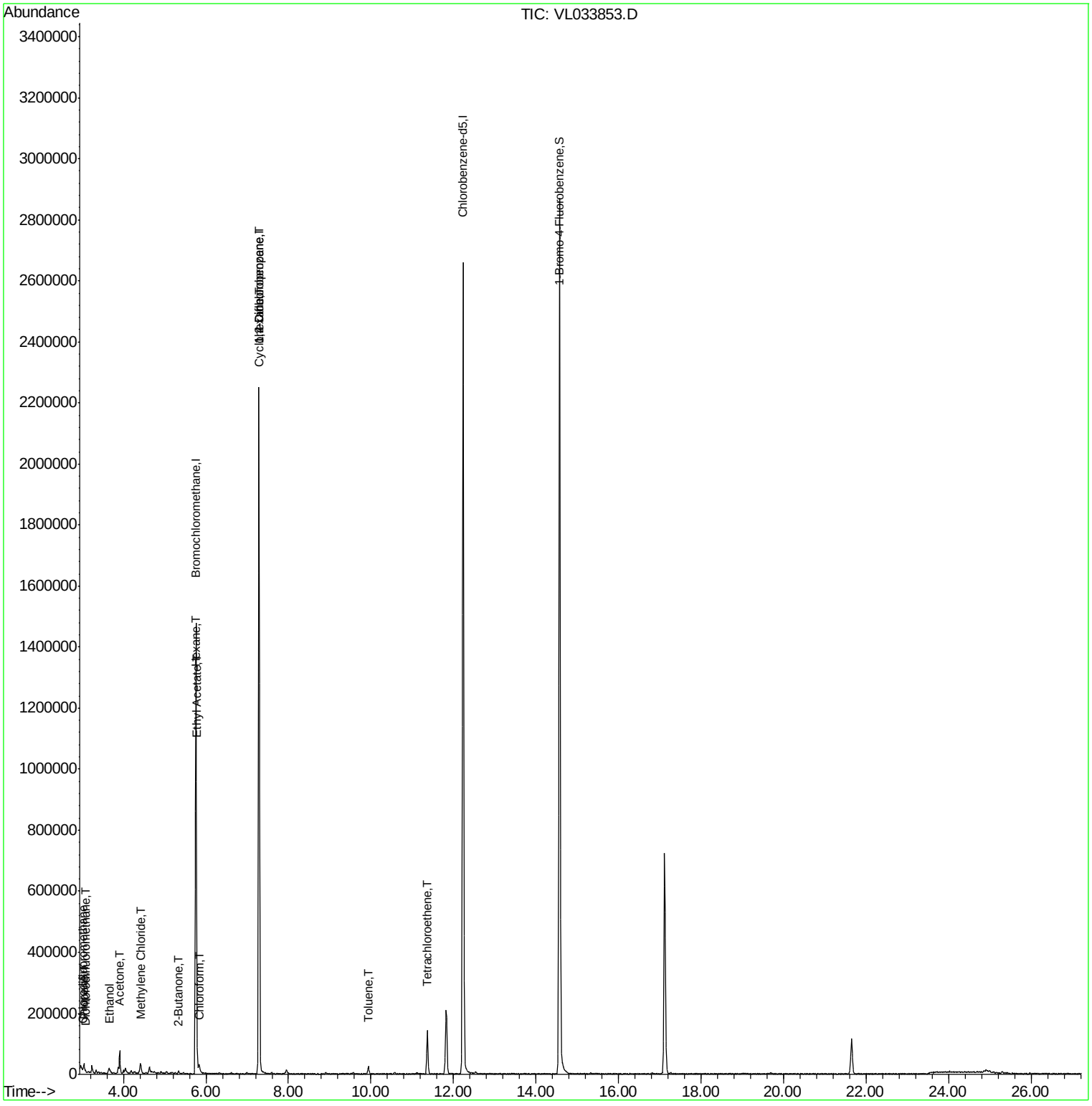
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\

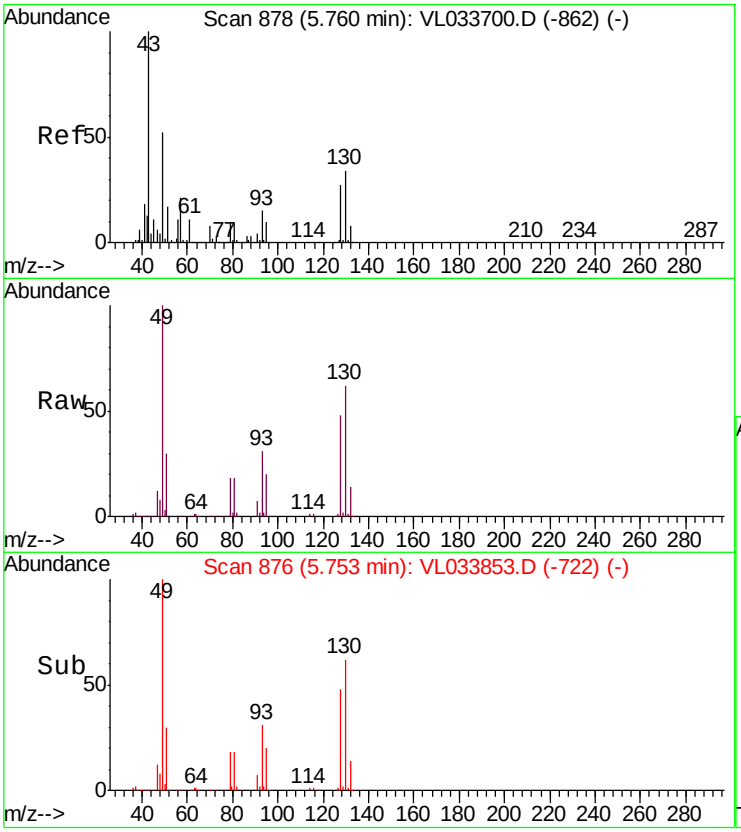
Quantitation Report (Not Reviewed)

Data File : VL033853.D
Acq On : 30 May 2019 2:53
Operator : SY/AP
Sample : K3067-05DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-7-20190523-0DL

Quant Time: May 30 06:23:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



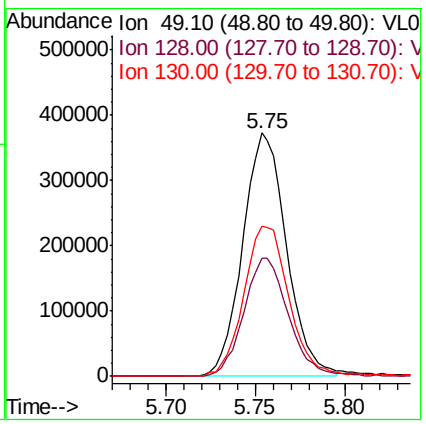


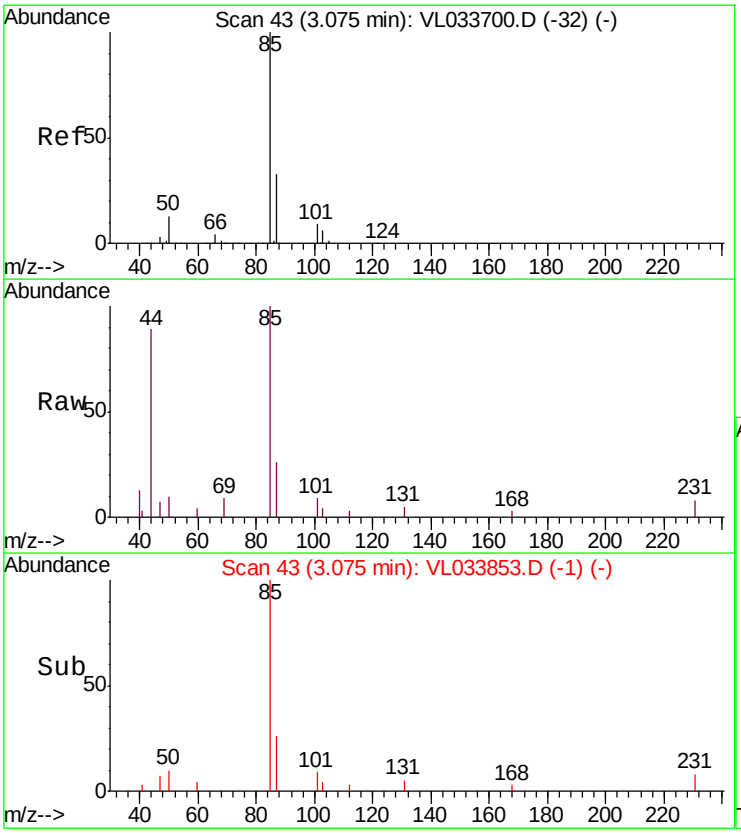
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument :
MSVOA_L
ClientSampleId :
SG-7-20190523-0DL

Tgt Ion: 49 Resp: 638499

Ion	Ratio	Lower	Upper
49	100		
128	49.9	25.2	75.6
130	64.8	32.5	97.5

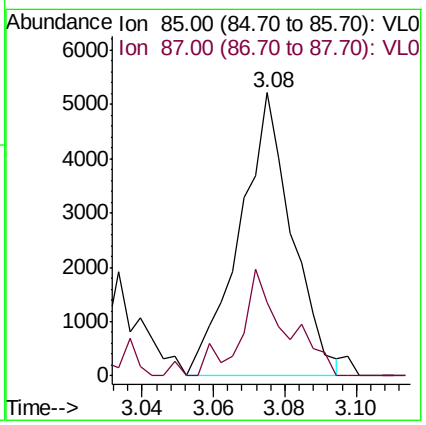


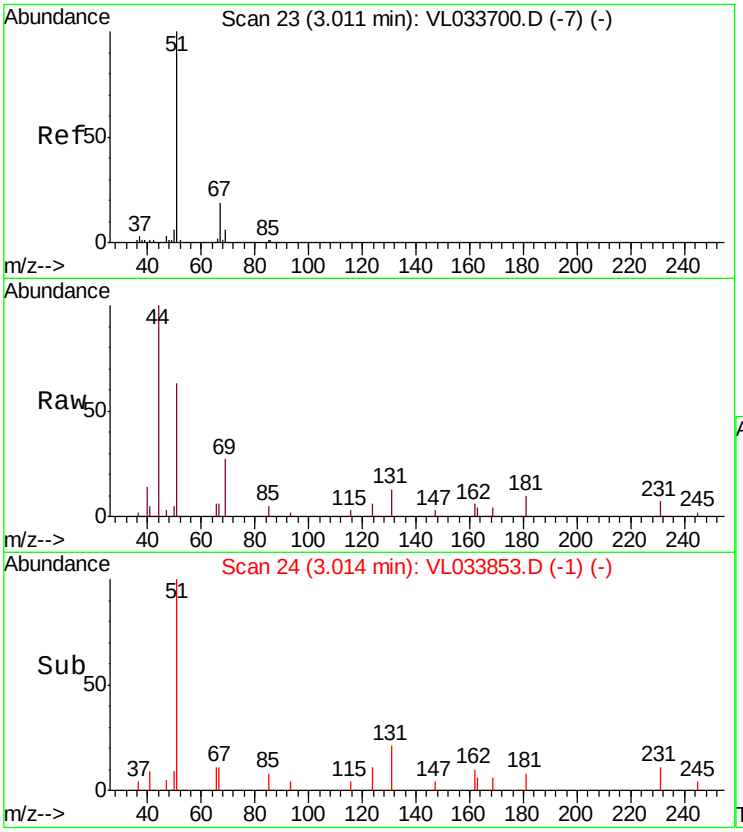


#2
Dichlorodifluoromethane
Concen: 0.039 ppbv
RT: 3.08 min Scan# 43
Delta R.T. 0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 85 Resp: 5285

Ion	Ratio	Lower	Upper
85	100		
87	26.1	26.3	39.5#



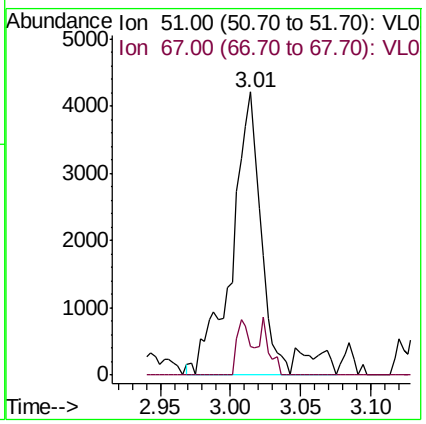


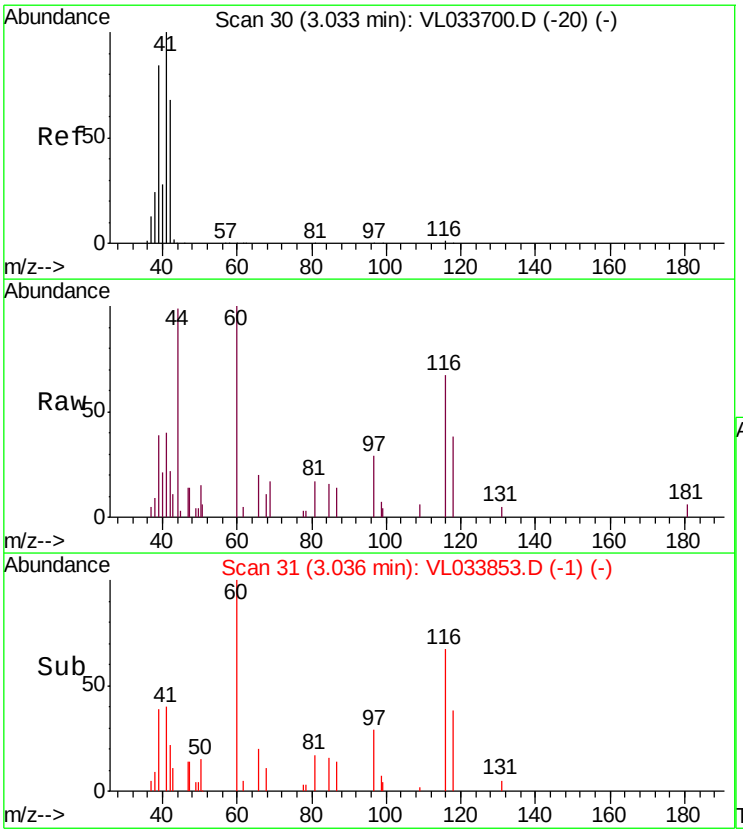
#3
Chlorodifluoromethane
Concen: 0.089 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument :
MSVOA_L
ClientSampleId :
SG-7-20190523-0DL

Tgt Ion: 51 Resp: 6506

Ion	Ratio	Lower	Upper
51	100		
67	15.0	15.6	23.4#

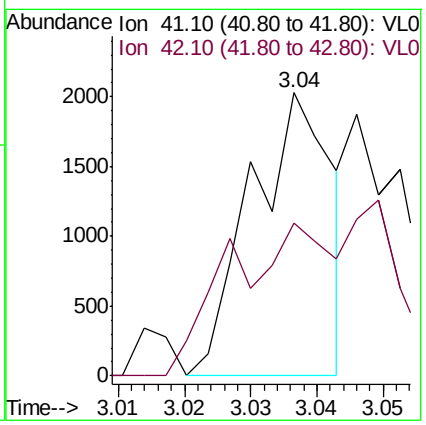


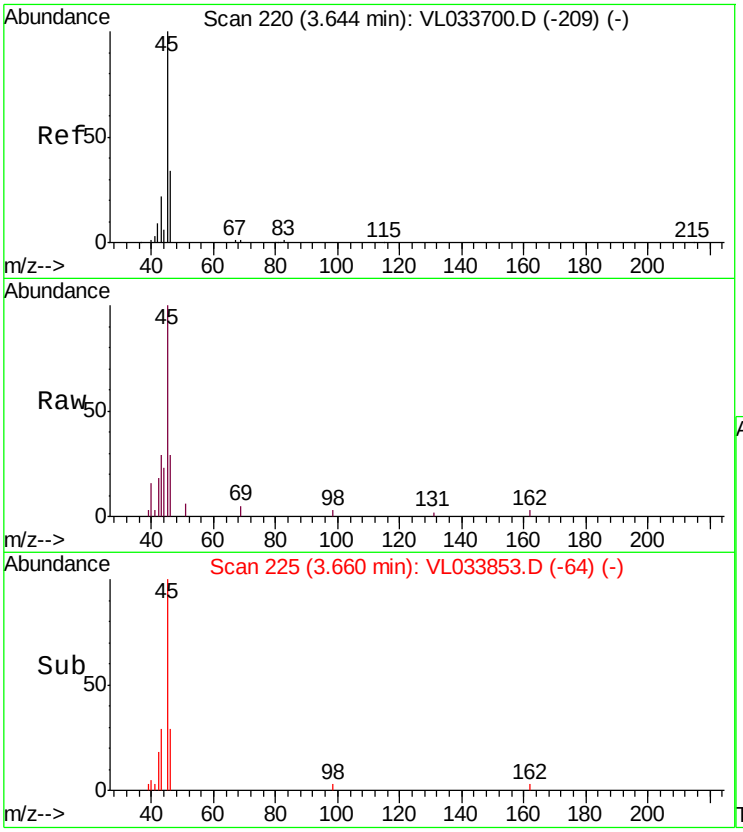


#9
Propene
Concen: 0.055 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 41 Resp: 1720

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.1	84.1#



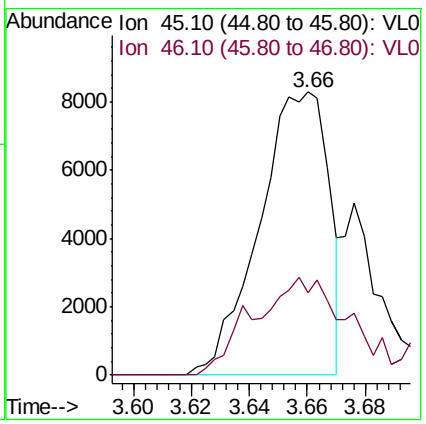


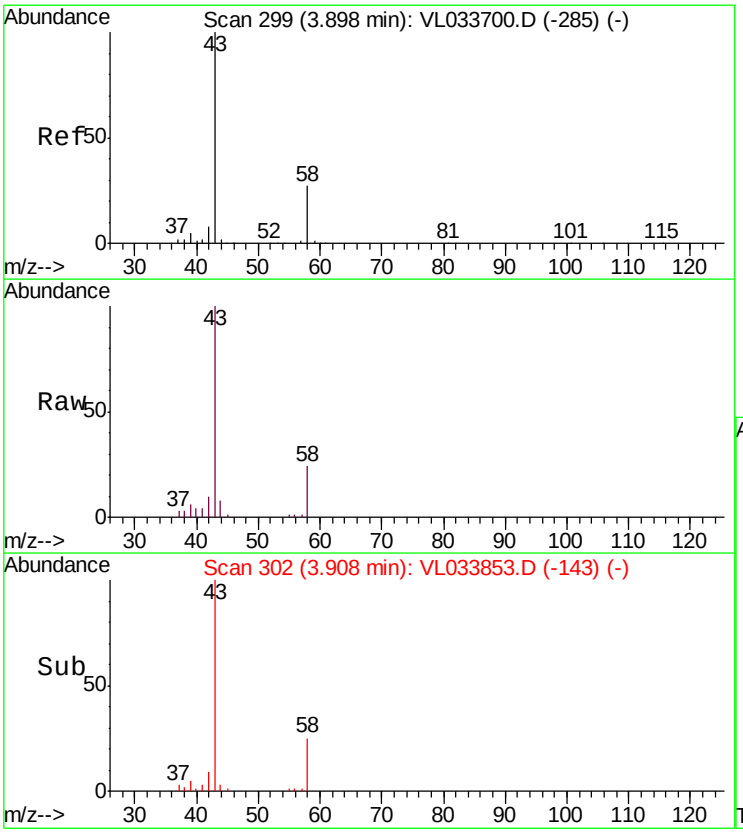
#13
Ethanol
Concen: 1.369 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.02 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument :
MSVOA_L
ClientSampleId :
SG-7-20190523-0DL

Tgt Ion: 45 Resp: 13769

Ion	Ratio	Lower	Upper
45	100		
46	52.0	14.8	59.0

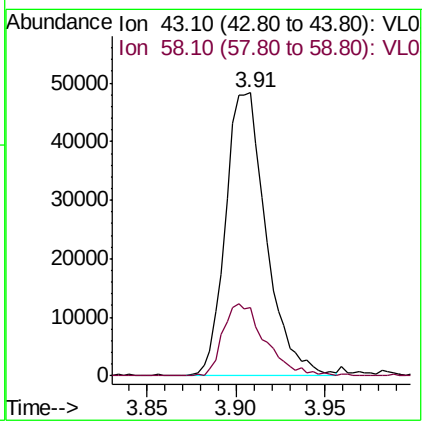


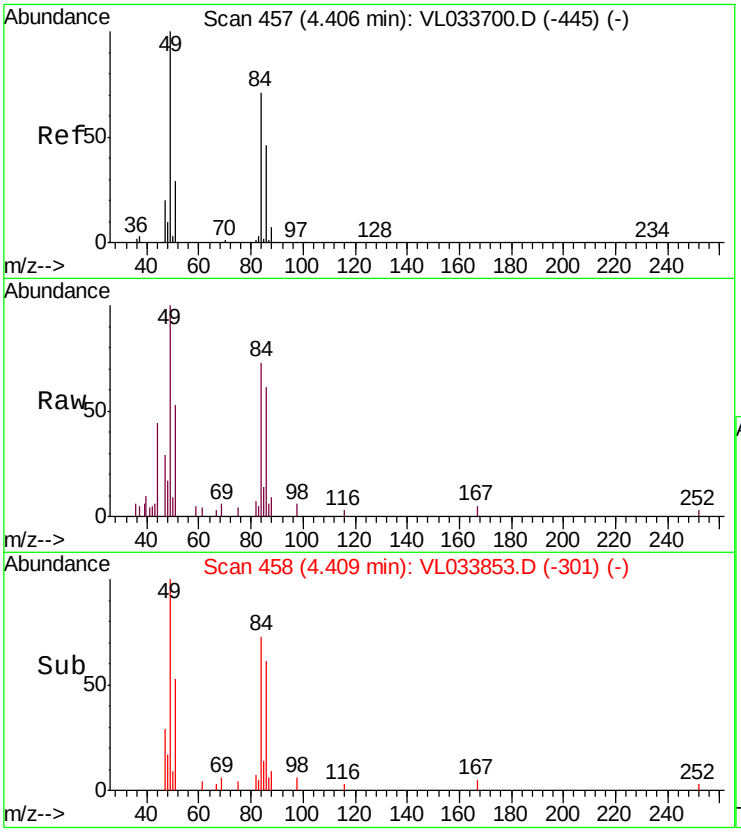


#15
Acetone
Concen: 0.867 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 43 Resp: 76781

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.3	31.9



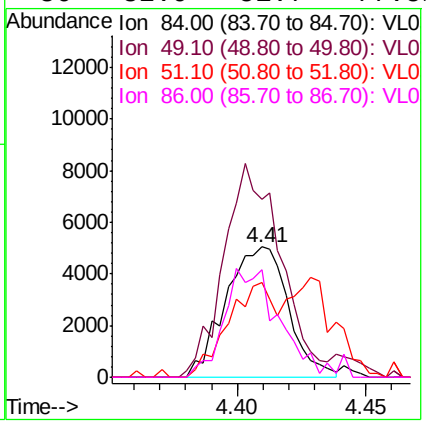


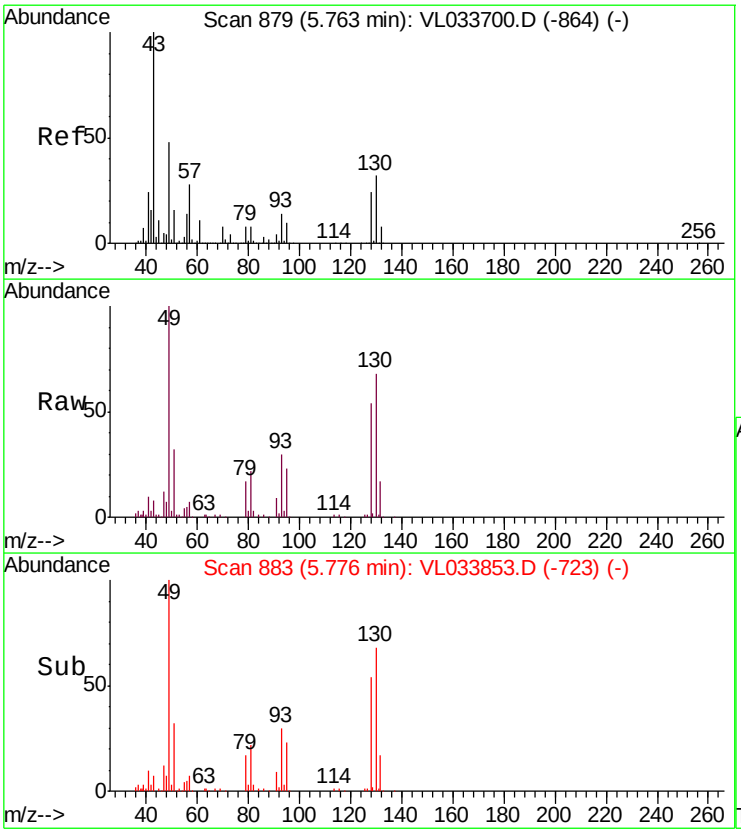
#20
Methylene Chloride
Concen: 0.250 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument : MSVOA_L
ClientSampleId : SG-7-20190523-0DL

Tgt Ion: 84 Resp: 8532

Ion	Ratio	Lower	Upper
84	100		
49	143.1	112.8	169.2
51	72.7	33.4	50.0#
86	82.9	51.7	77.5#

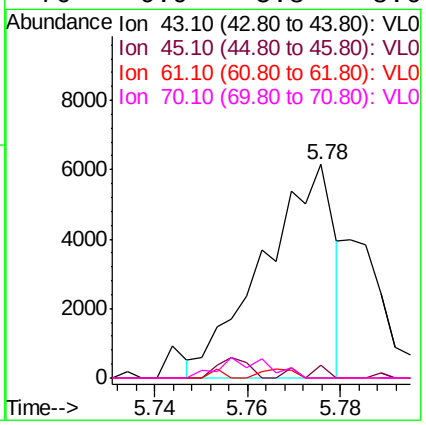


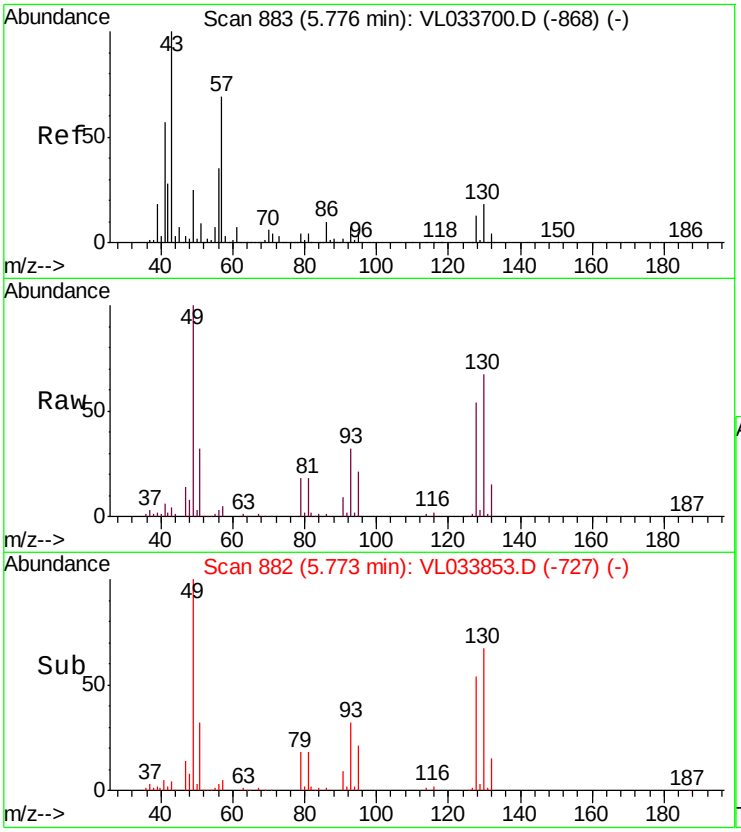


#25
Ethyl Acetate
Concen: 0.042 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 43 Resp: 6489

Ion	Ratio	Lower	Upper
43	100		
45	6.7	7.9	11.9#
61	2.8	7.7	11.5#
70	6.9	5.8	8.6



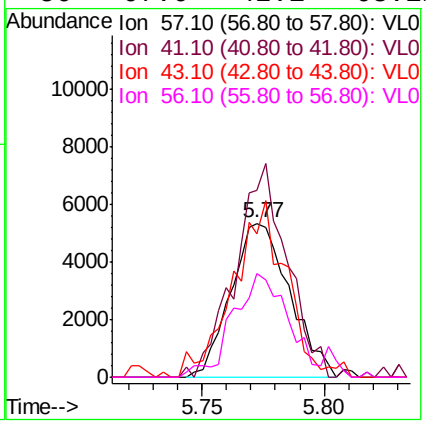


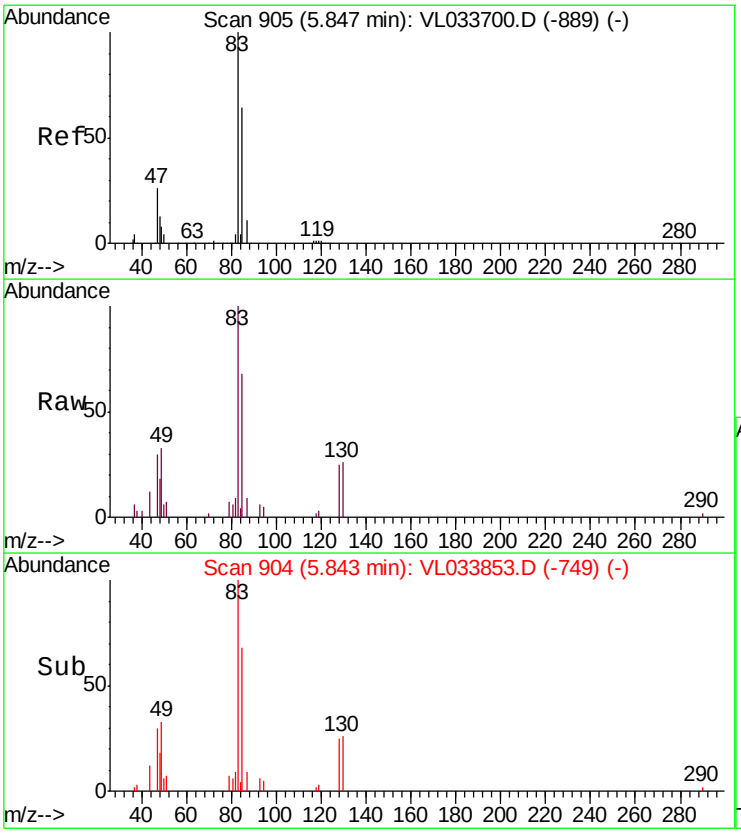
#26
Hexane
Concen: 0.133 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument :
MSVOA_L
ClientSampleId :
SG-7-20190523-0DL

Tgt Ion: 57 Resp: 8928

Ion	Ratio	Lower	Upper
57	100		
41	122.6	69.8	104.6#
43	106.9	181.8	272.6#
56	67.6	42.1	63.1#

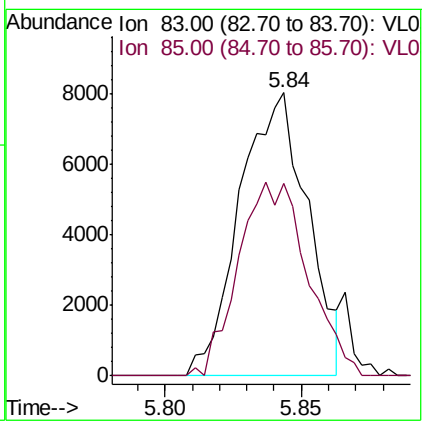


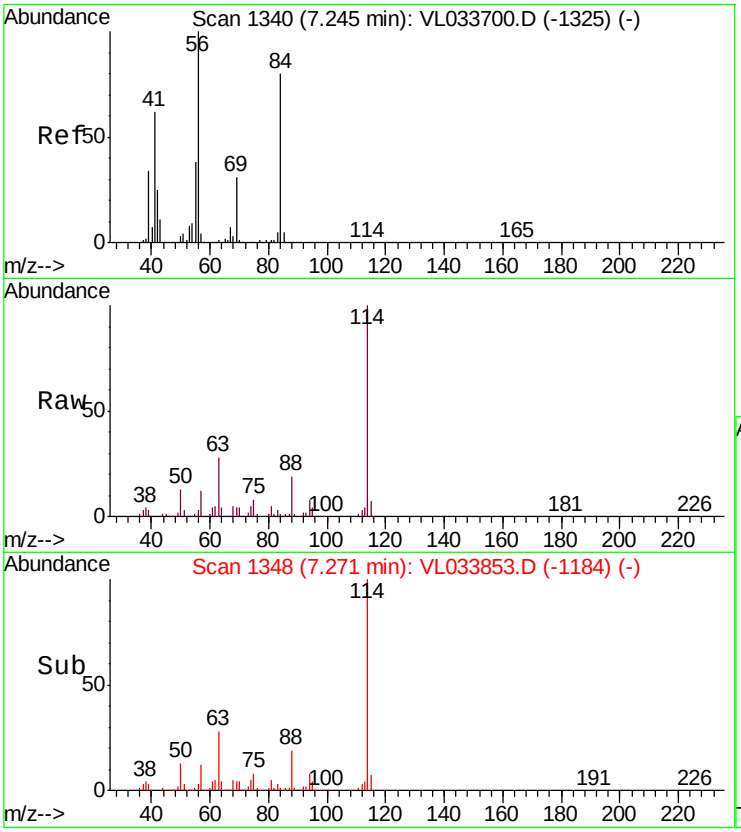


#29
Chloroform
Concen: 0.113 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 83 Resp: 13879

Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.5	77.3



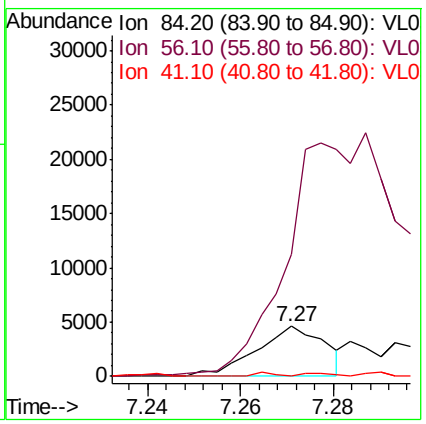


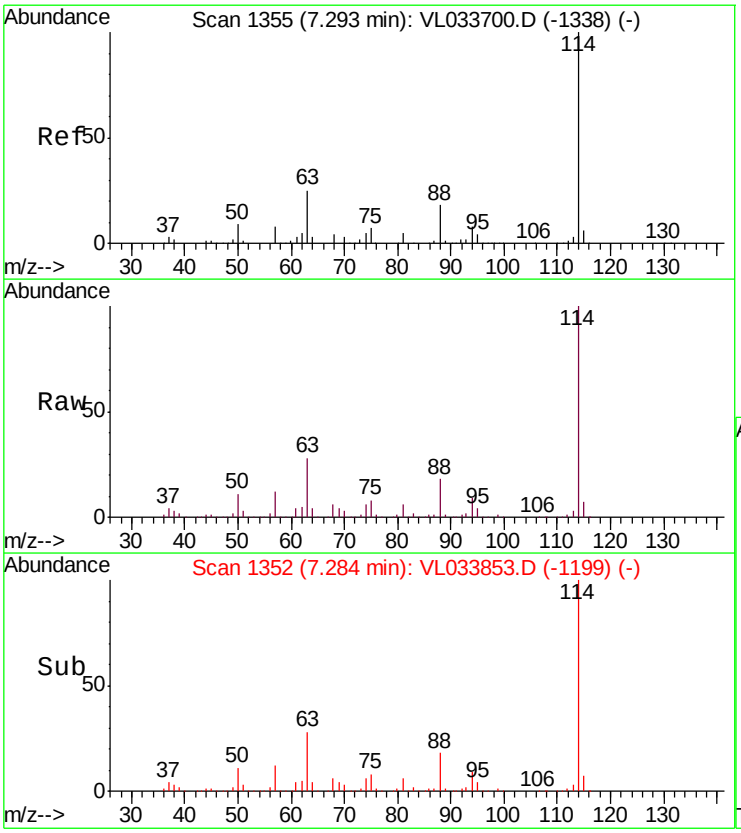
#30
Cyclohexane
Concen: 0.084 ppbv
RT: 7.27 min Scan# 1348
Delta R.T. 0.03 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument : MSVOA_L
ClientSampleId : SG-7-20190523-0DL

Tgt Ion: 84 Resp: 4739

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	10.8	66.0	99.0#

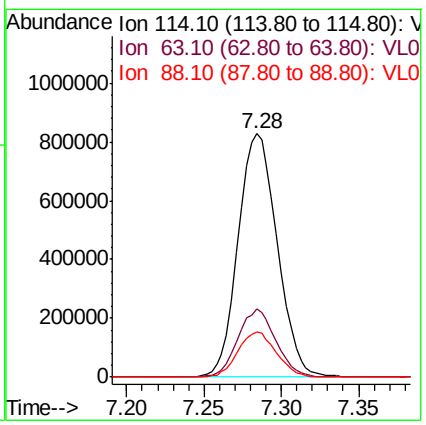


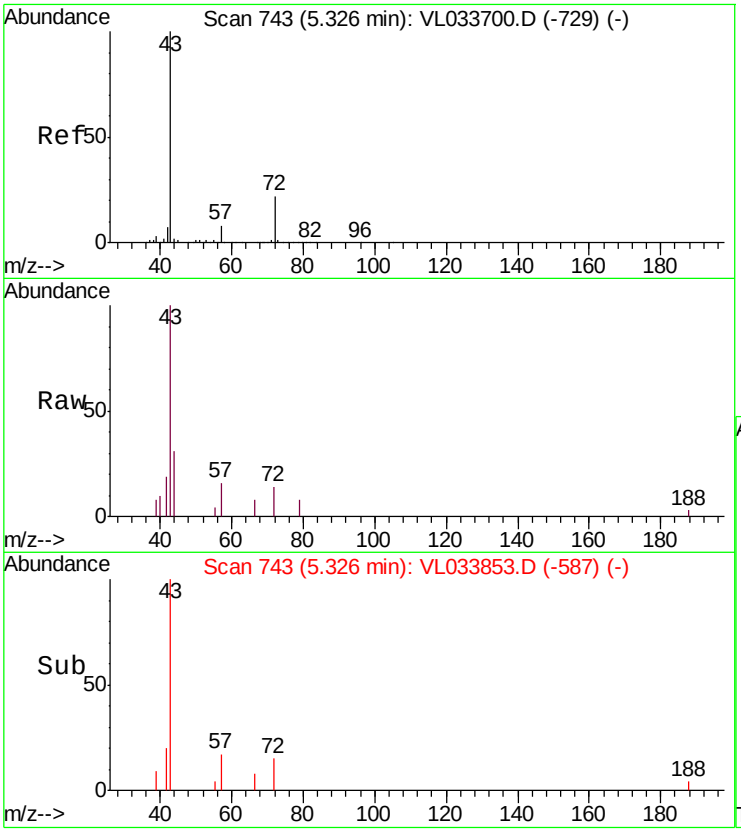


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion:114 Resp: 1453933

Ion	Ratio	Lower	Upper
114	100		
63	27.2	20.9	31.3
88	18.3	14.3	21.5



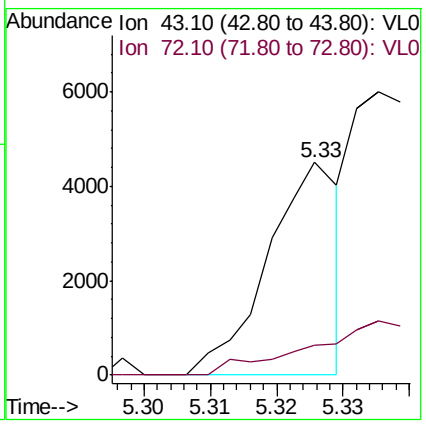


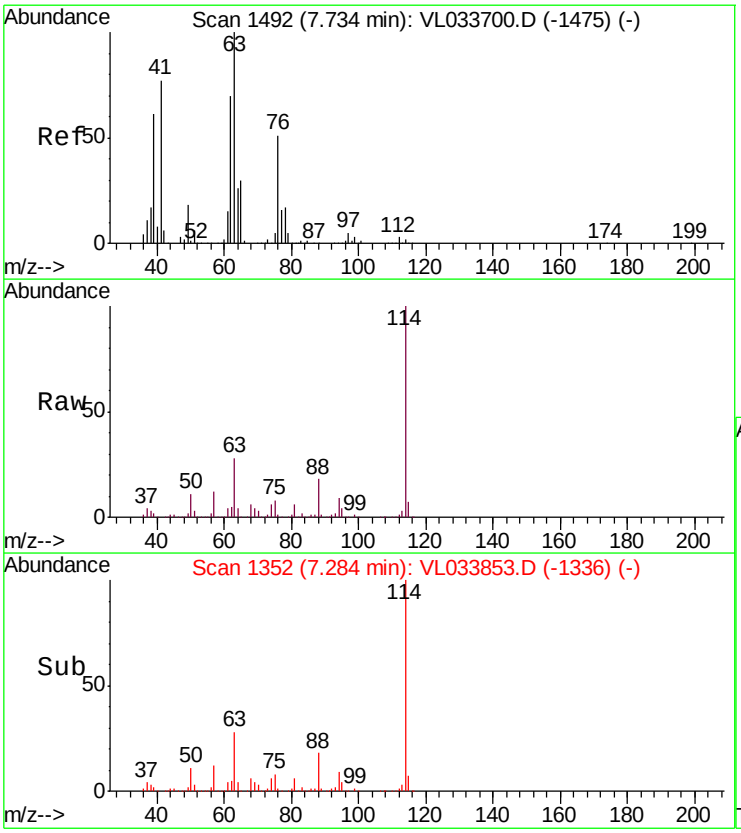
#34
2-Butanone
Concen: 0.038 ppbv
RT: 5.33 min Scan# 743
Delta R.T. 0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument :
MSVOA_L
ClientSampleId :
SG-7-20190523-0DL

Tgt Ion: 43 Resp: 3416

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.6#

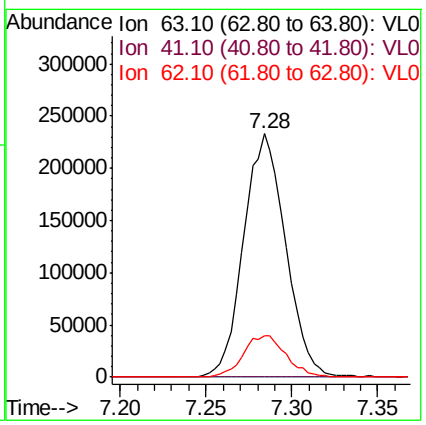


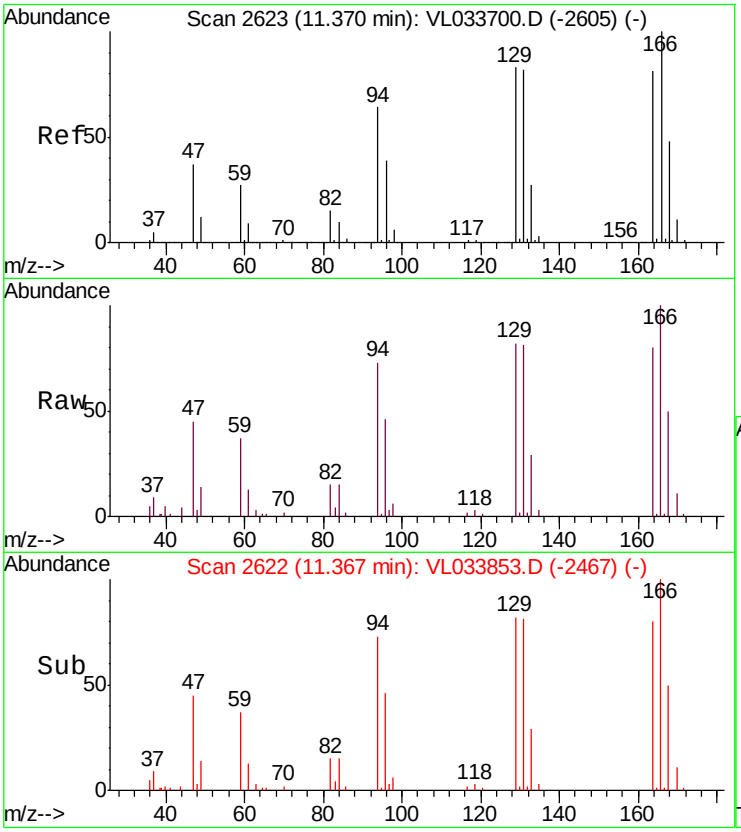


#39
1,2-Dichloropropane
Concen: 7.981 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 63 Resp: 393534

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.9	56.2	84.4#



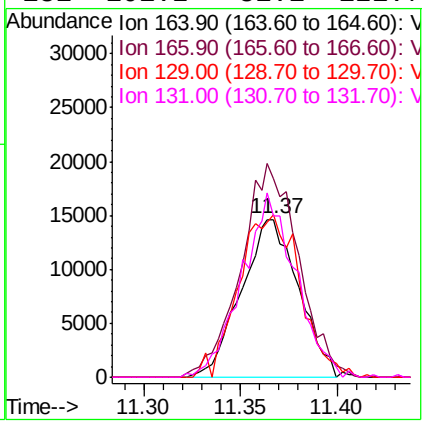


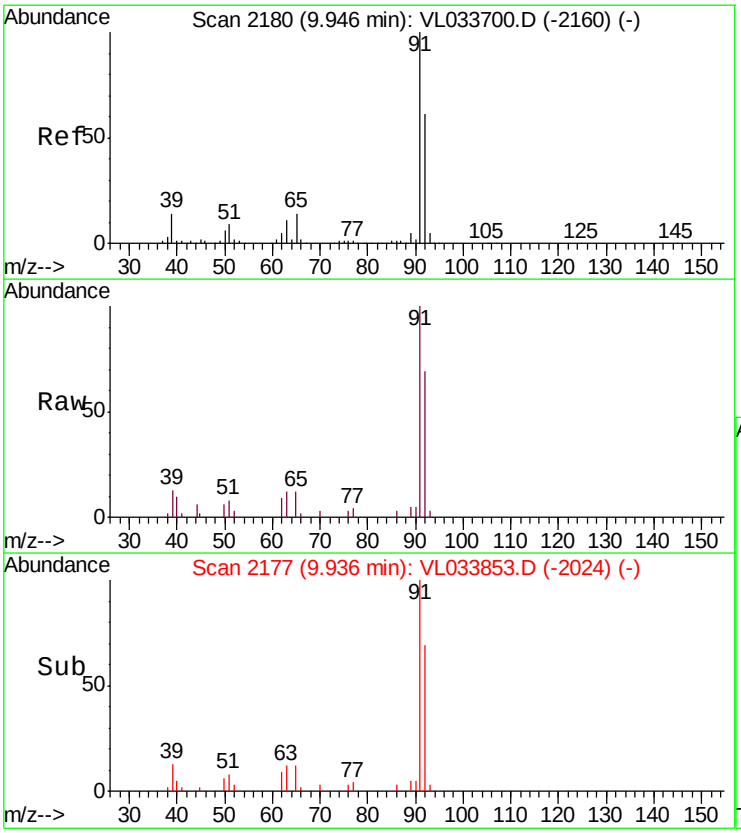
#52
Tetrachloroethene
Concen: 0.648 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument : MSVOA_L
ClientSampleId : SG-7-20190523-0DL

Tgt Ion:164 Resp: 30109

Ion	Ratio	Lower	Upper
164	100		
166	123.4	98.9	148.3
129	103.1	81.8	122.6
131	101.2	81.1	121.7

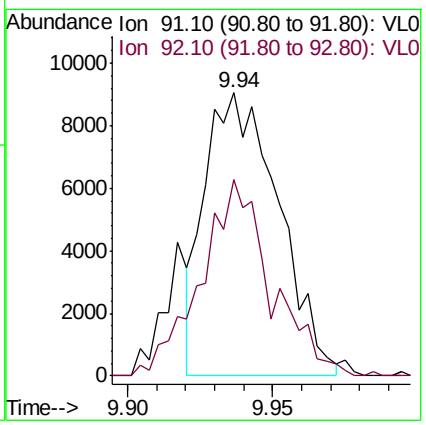


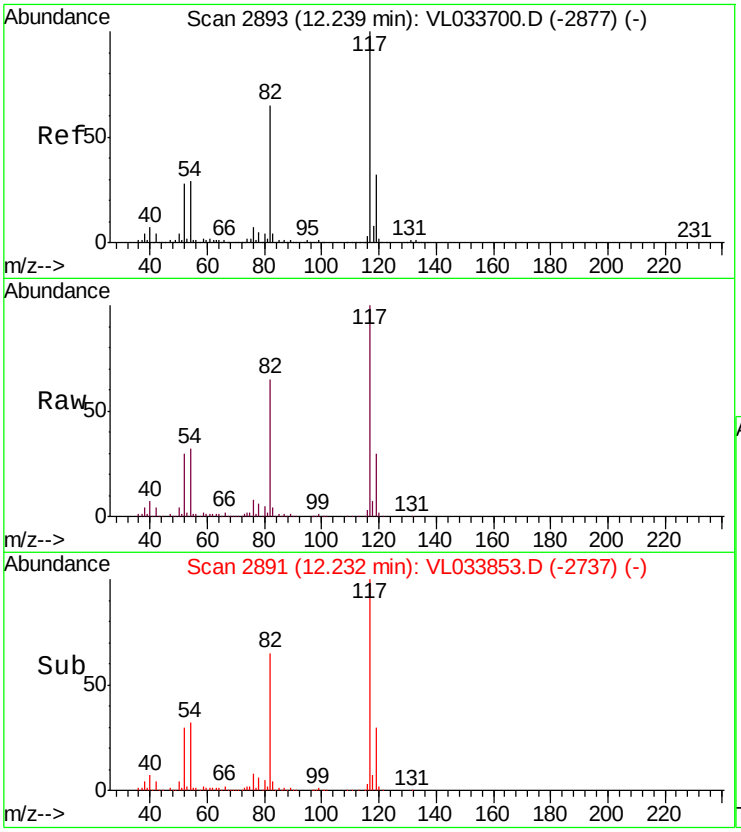


#53
Toluene
Concen: 0.112 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 91 Resp: 15947

Ion	Ratio	Lower	Upper
91	100		
92	66.1	47.6	71.4



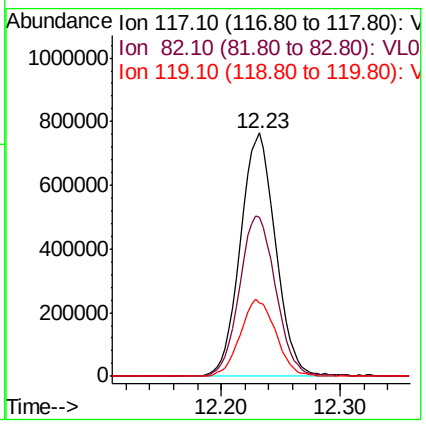


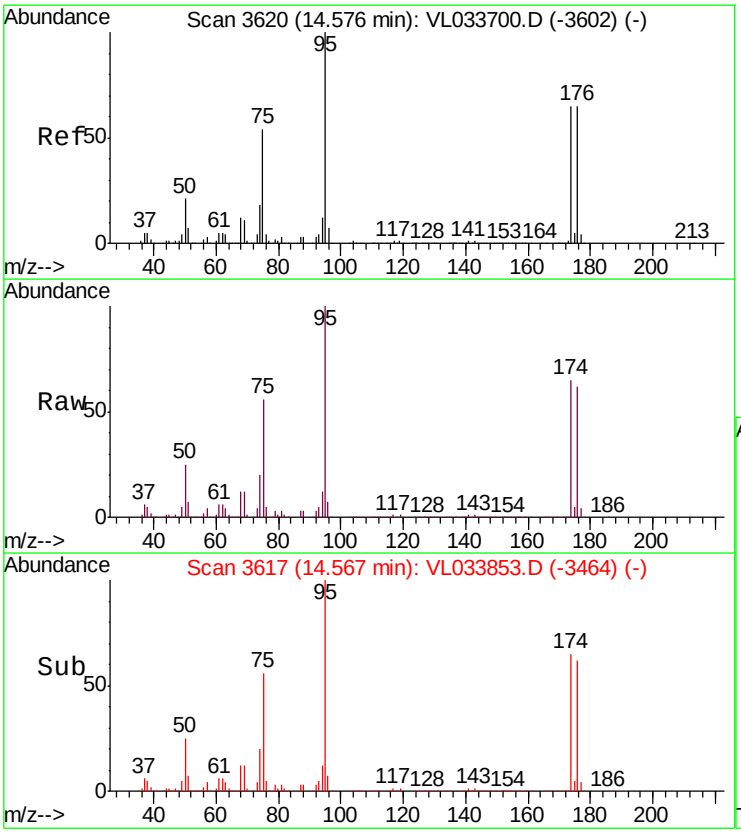
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Instrument :
MSVOA_L
ClientSampleId :
SG-7-20190523-0DL

Tgt Ion:117 Resp: 1565765

Ion	Ratio	Lower	Upper
117	100		
82	68.3	49.4	74.0
119	32.0	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.919 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033853.D
Acq: 30 May 2019 2:53

Tgt Ion: 95 Resp: 1259002

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.9	80.9
175	4.8	3.8	5.8