Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035562.D
Acq On : 8 Sep 2020 18:52
Operator : SY/AP
Sample : L3898-03DL2 80X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-3DL

Quant Time: Sep 09 02:37:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1161889	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4808551	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4915773	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3621236	10.37	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.70%			
Target Compounds						Qvalue
9) Propene	3.01	41	10070	0.203	ppbv #	72
13) Ethanol	3.60	45	31967	2.603	ppbv	96
15) Acetone	3.84	43	831615	6.490	ppbv	99
17) tert-Butyl alcohol	4.30	59	13737	0.088	ppbv #	72
19) Isopropyl Alcohol	3.98	45	6468	0.085	ppbv #	93
20) Methylene Chloride	4.33	84	145896	1.529	ppbv	96
25) Ethyl Acetate	5.68	43	24472	0.108	ppbv #	73
26) Hexane	5.68	57	40223	0.314	ppbv #	49
36) Benzene	6.88	78	10569	0.034	ppbv #	93
39) 1,2-Dichloropropane	7.17	63	894434	8.506	ppbv #	32
53) Toluene	9.81	91	15034	0.038	ppbv	99

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

Quantitation Report (Not Reviewed)

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Acq On : 8 Sep 2020 18:52
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Misc : 400ml/MSVOA_L
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IA-3DL

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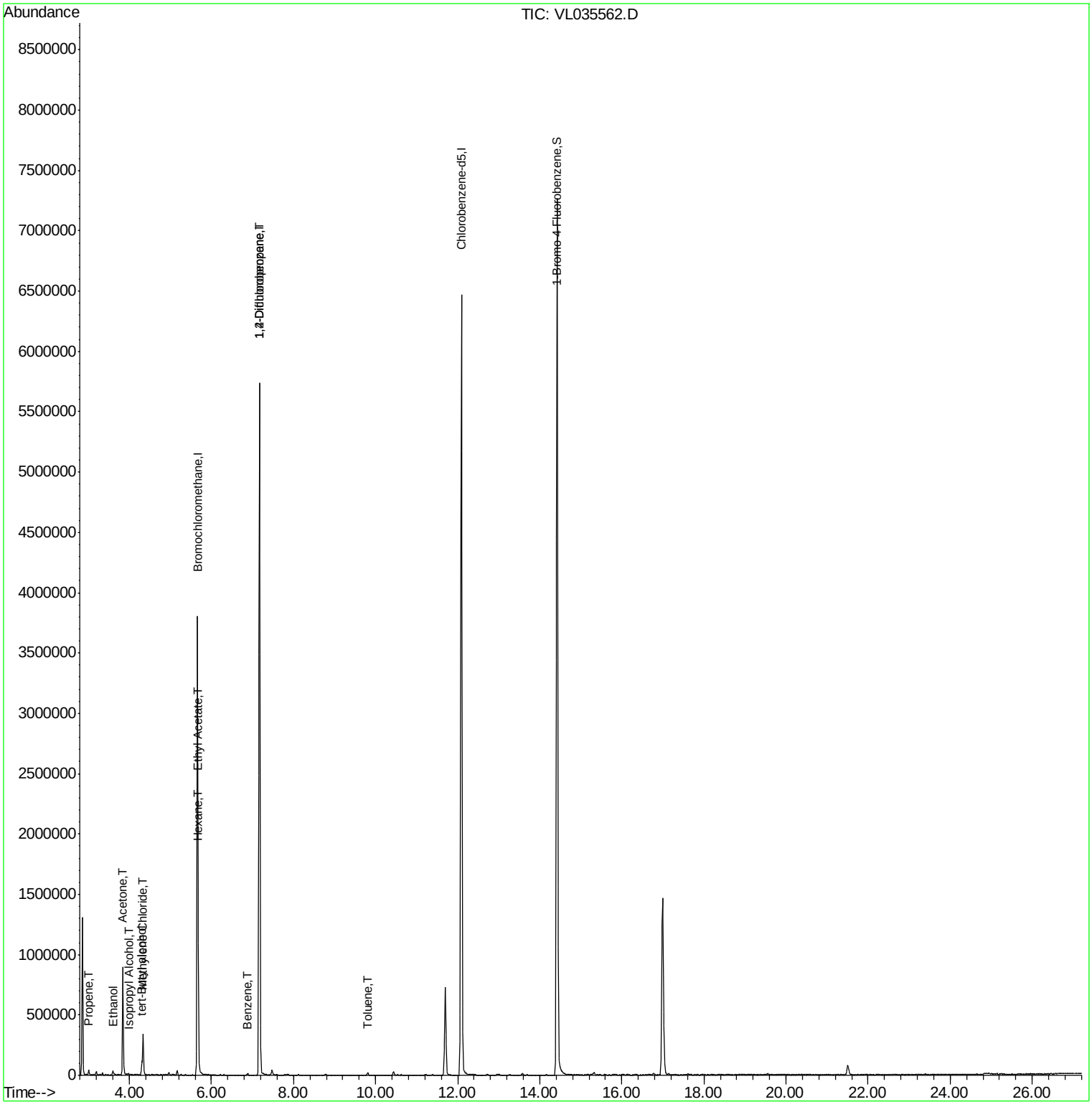
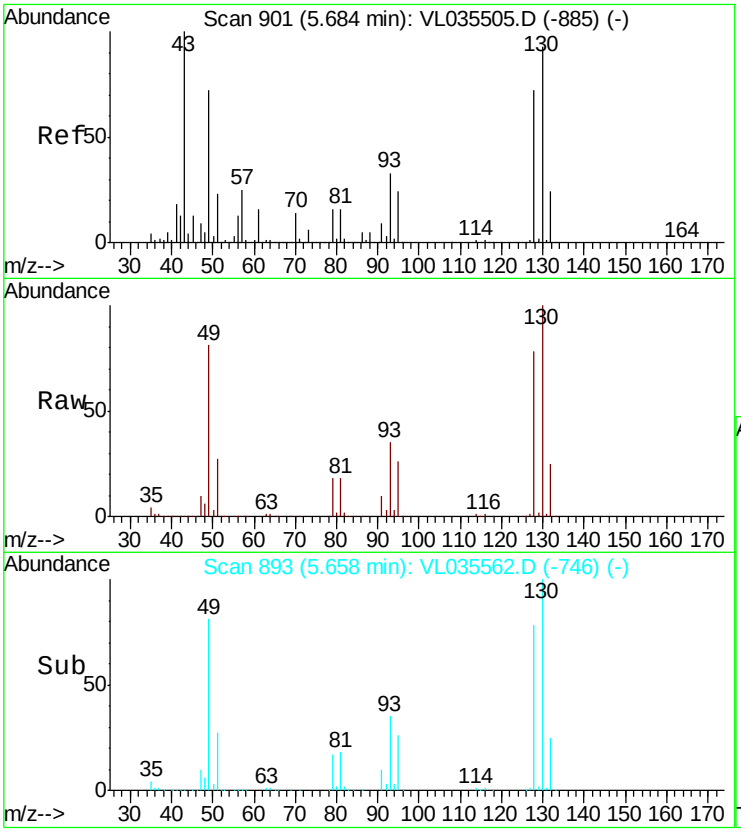


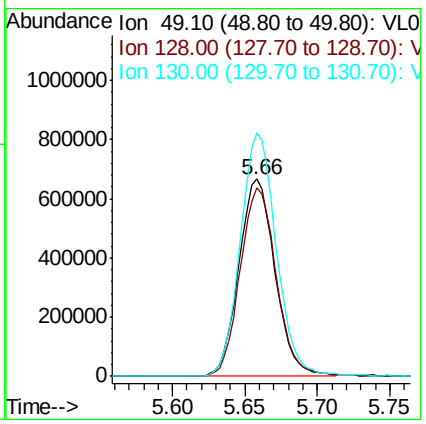


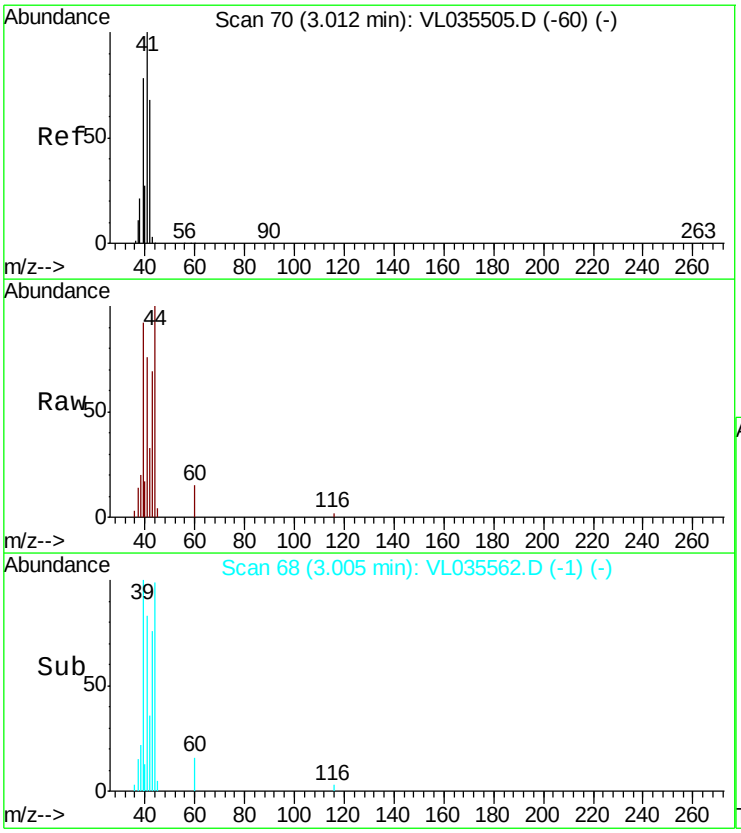
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 49 Resp: 1161889

Ion	Ratio	Lower	Upper
49	100		
128	96.1	50.0	150.1
130	124.3	64.4	193.2

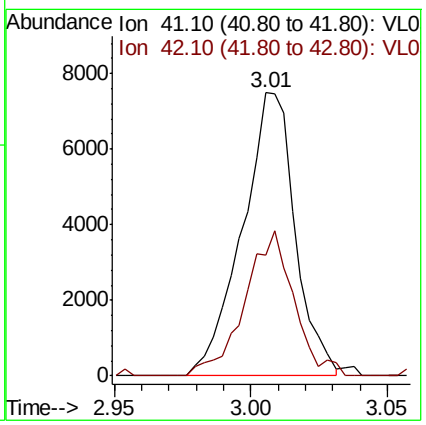


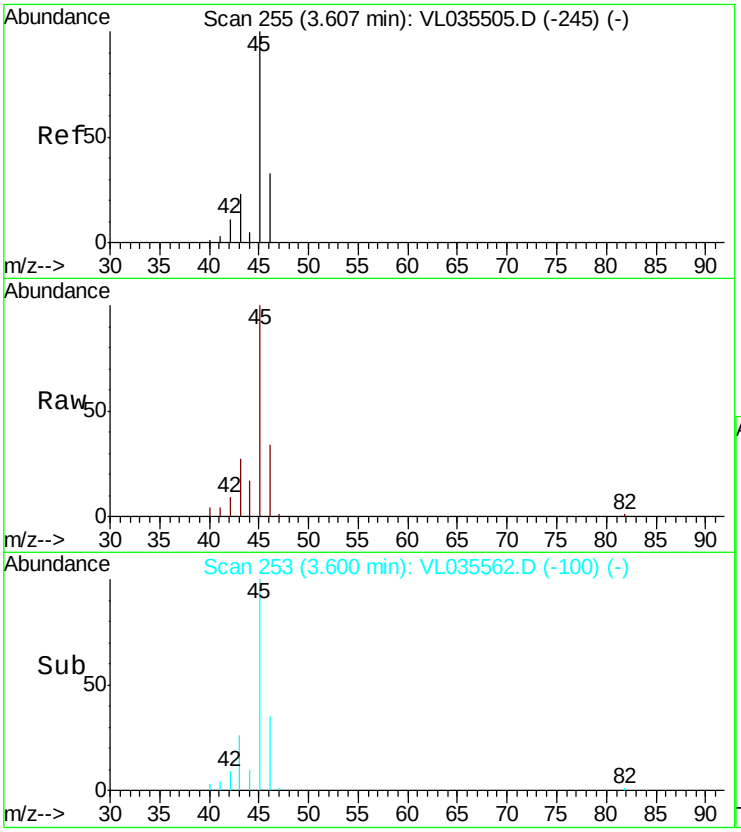


#9
Propene
Concen: 0.203 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion: 41 Resp: 10070

Ion	Ratio	Lower	Upper
41	100		
42	47.5	56.3	84.5#



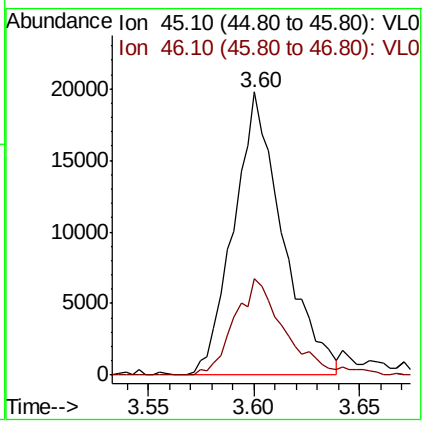


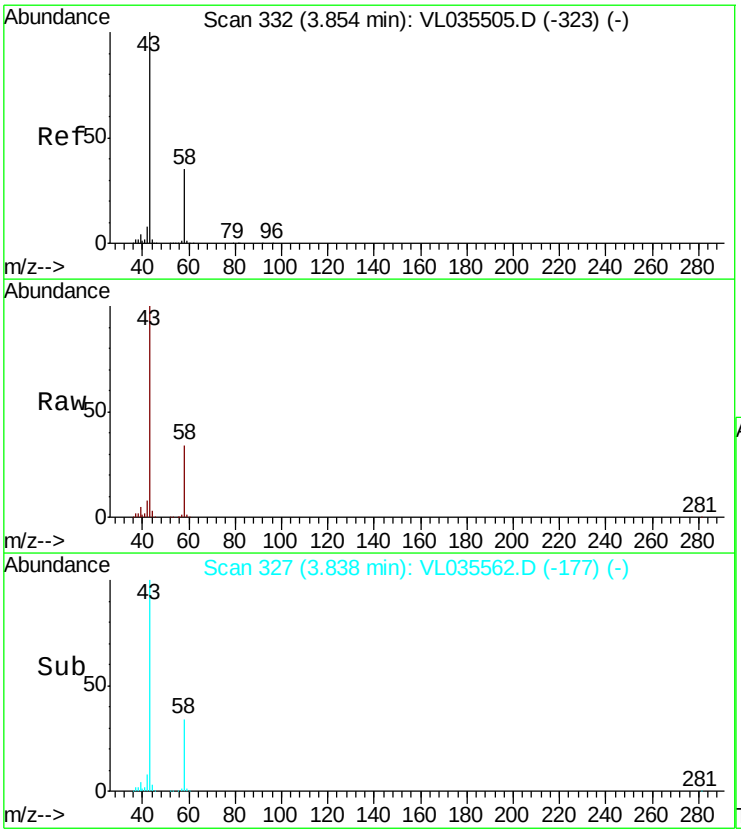
#13
Ethanol
Concen: 2.603 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 45 Resp: 31967

Ion	Ratio	Lower	Upper
45	100		
46	35.2	15.2	60.6

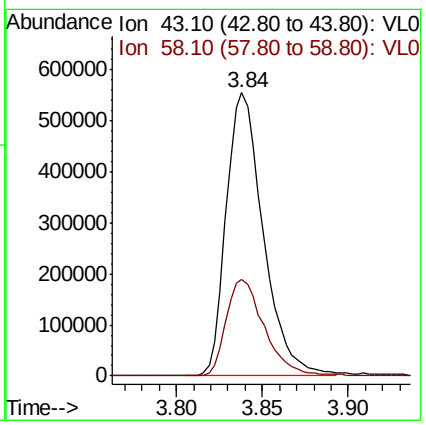


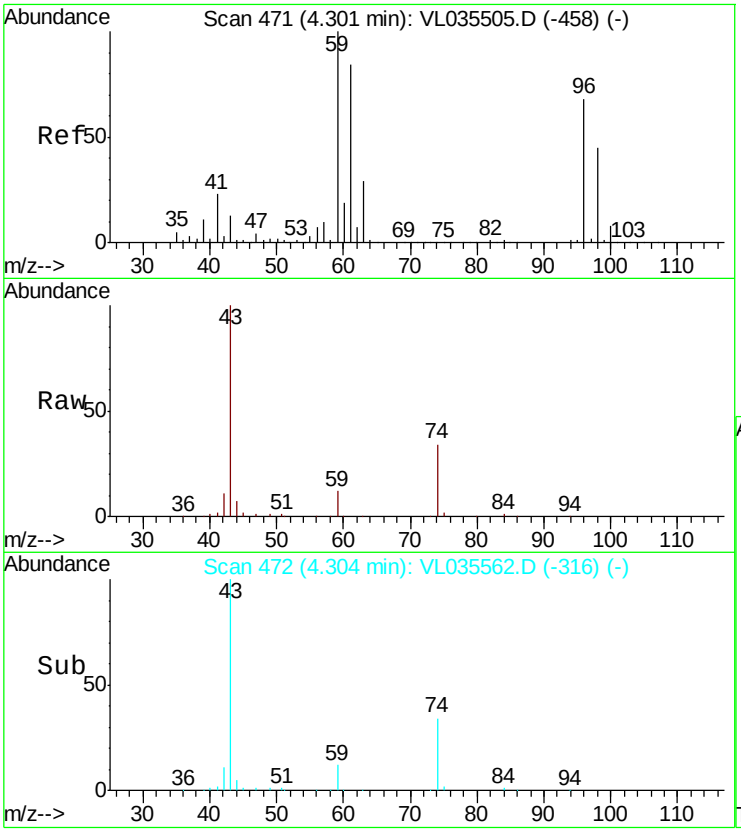


#15
Acetone
Concen: 6.490 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion: 43 Resp: 831615

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.4	42.6



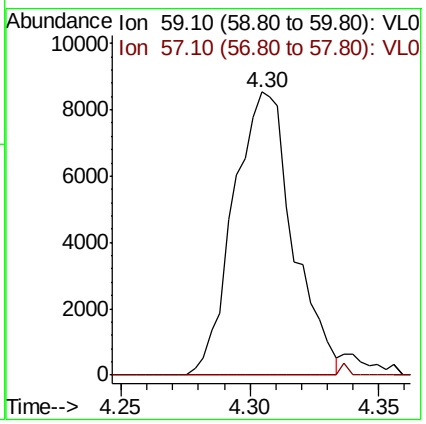


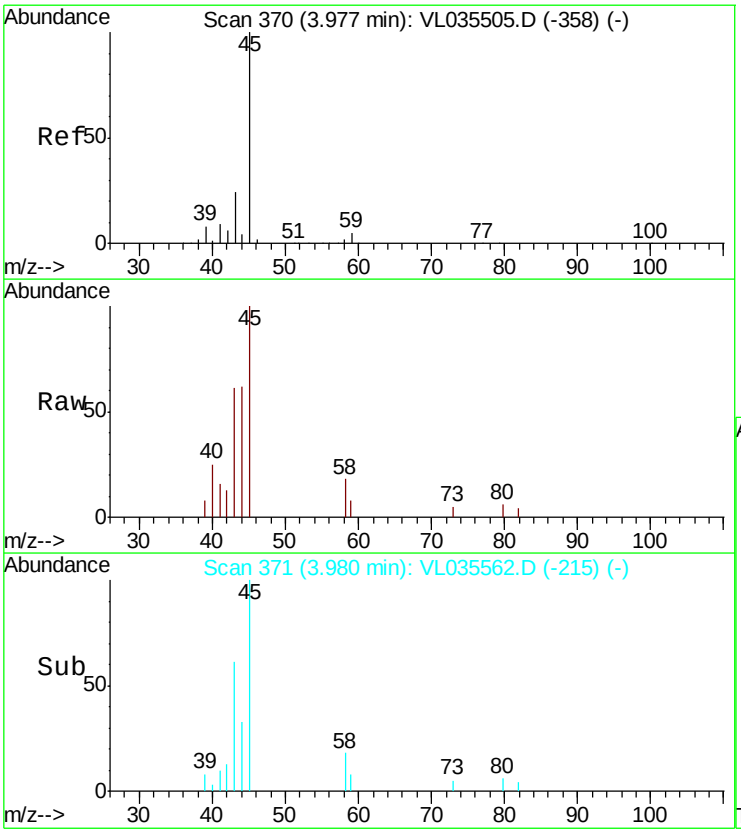
#17
tert-Butyl alcohol
Concen: 0.088 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.00 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 59 Resp: 13737

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

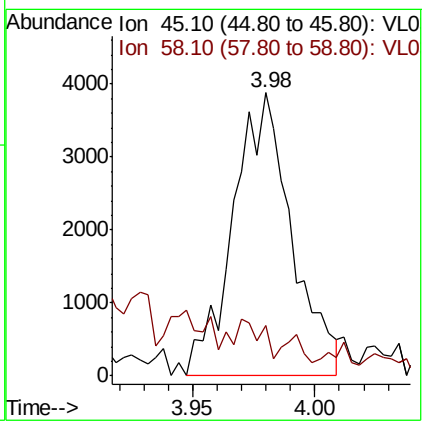


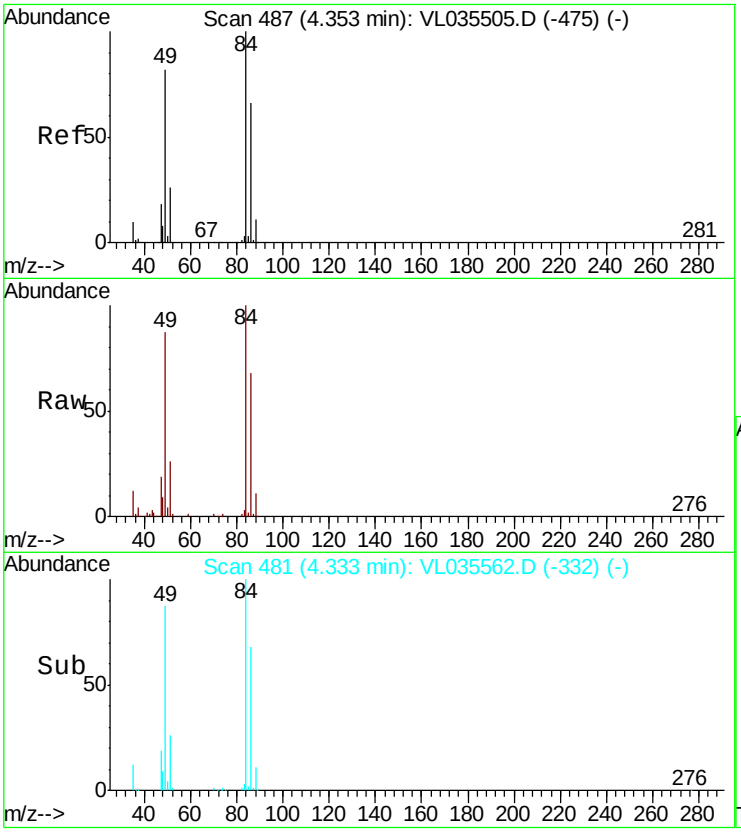


#19
Isopropyl Alcohol
Concen: 0.085 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.00 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion: 45 Resp: 6468

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



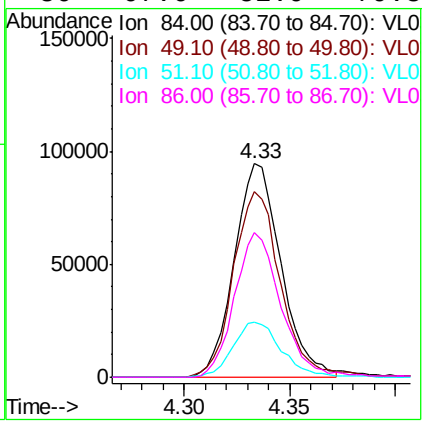


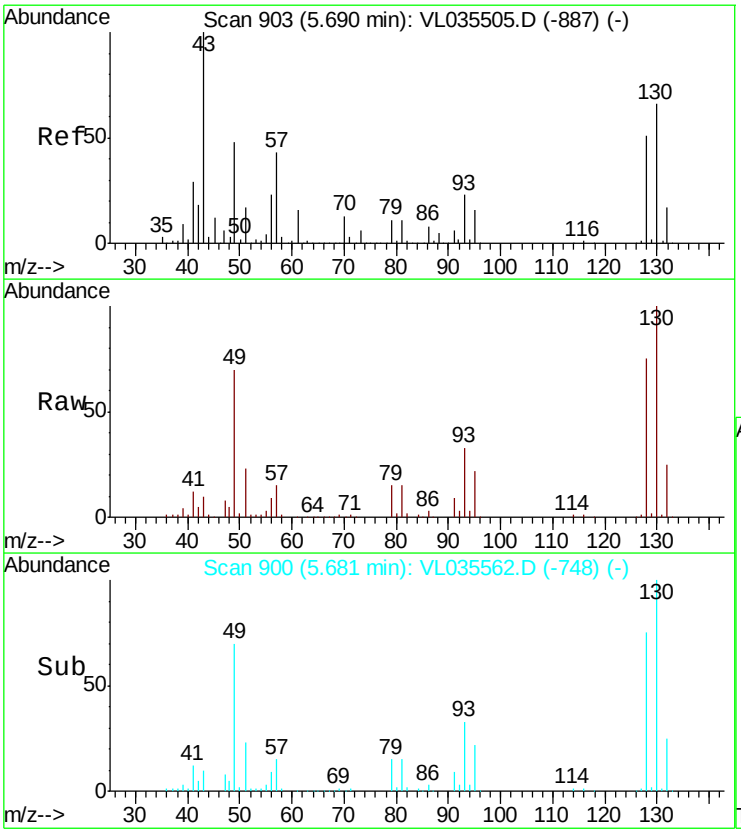
#20
Methylene Chloride
Concen: 1.529 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument : MSVOA_L
ClientSampleId : IA-3DL

Tgt Ion: 84 Resp: 145896

Ion	Ratio	Lower	Upper
84	100		
49	86.9	65.4	98.0
51	25.7	21.5	32.3
86	67.6	52.9	79.3

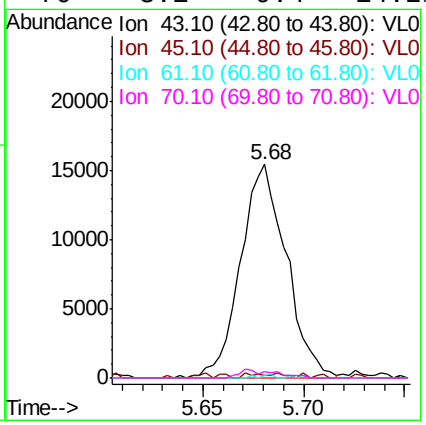


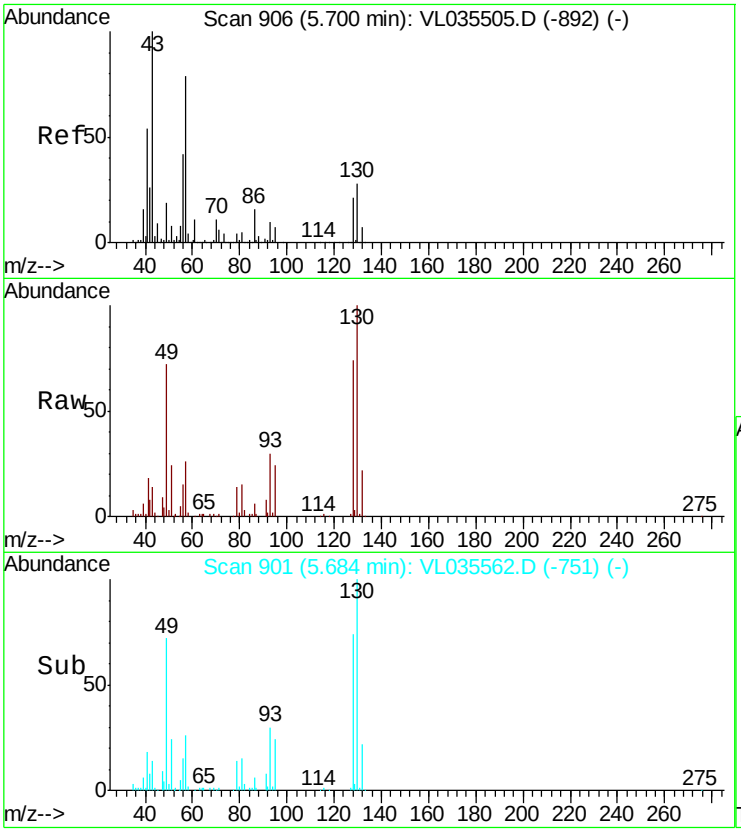


#25
Ethyl Acetate
Concen: 0.108 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion: 43 Resp: 24472

Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.4	12.6#
61	0.0	10.6	16.0#
70	3.1	9.4	14.2#



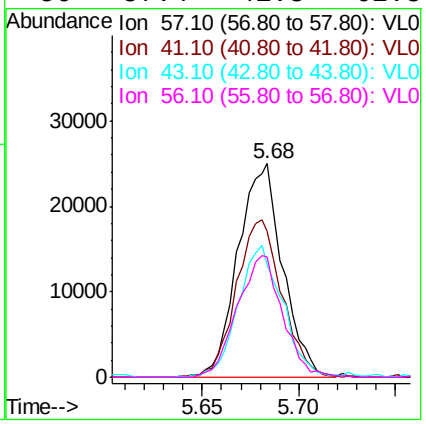


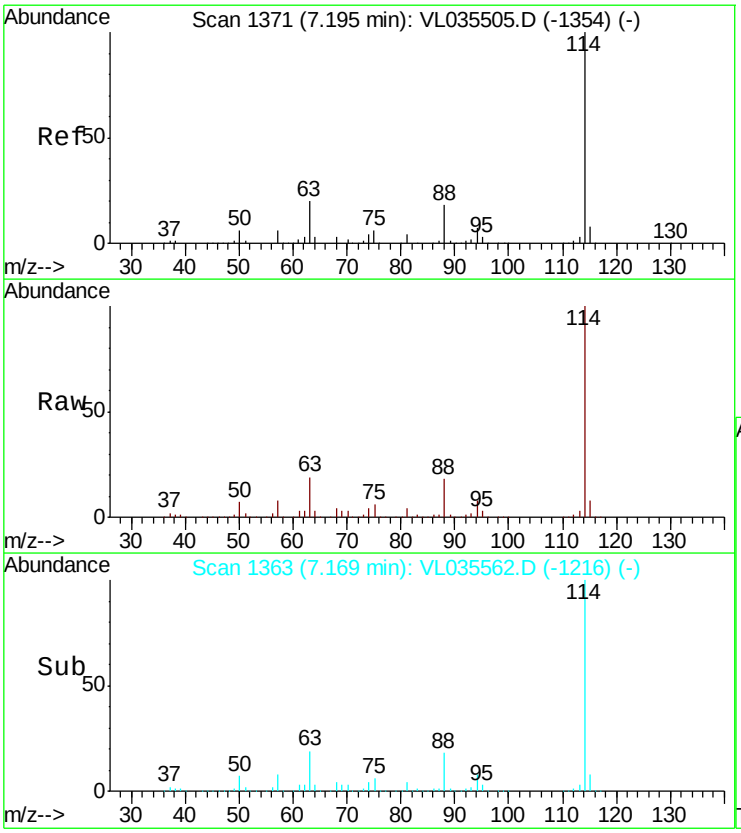
#26
Hexane
Concen: 0.314 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument : MSVOA_L
ClientSampleId : IA-3DL

Tgt Ion: 57 Resp: 40223

Ion	Ratio	Lower	Upper
57	100		
41	75.3	55.9	83.9
43	62.0	141.8	212.8#
56	57.4	41.8	62.8

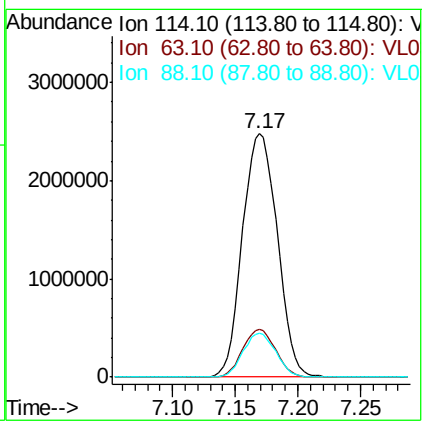


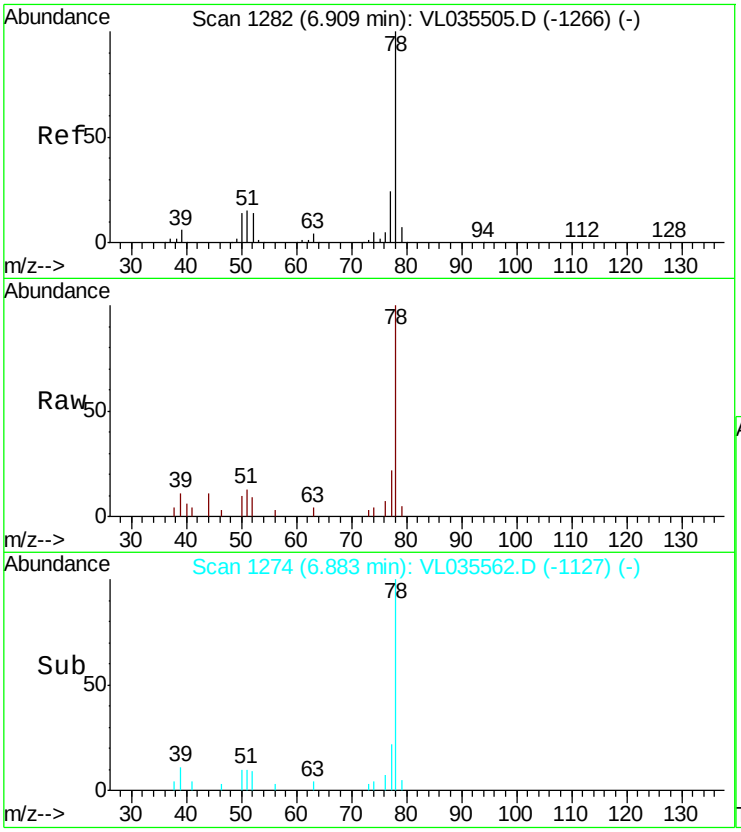


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion:114 Resp: 4808551

Ion	Ratio	Lower	Upper
114	100		
63	18.7	14.7	22.1
88	17.2	13.4	20.2



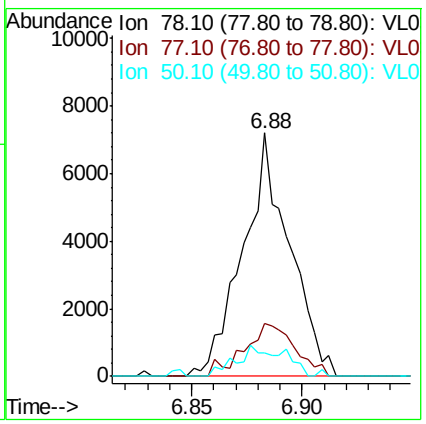


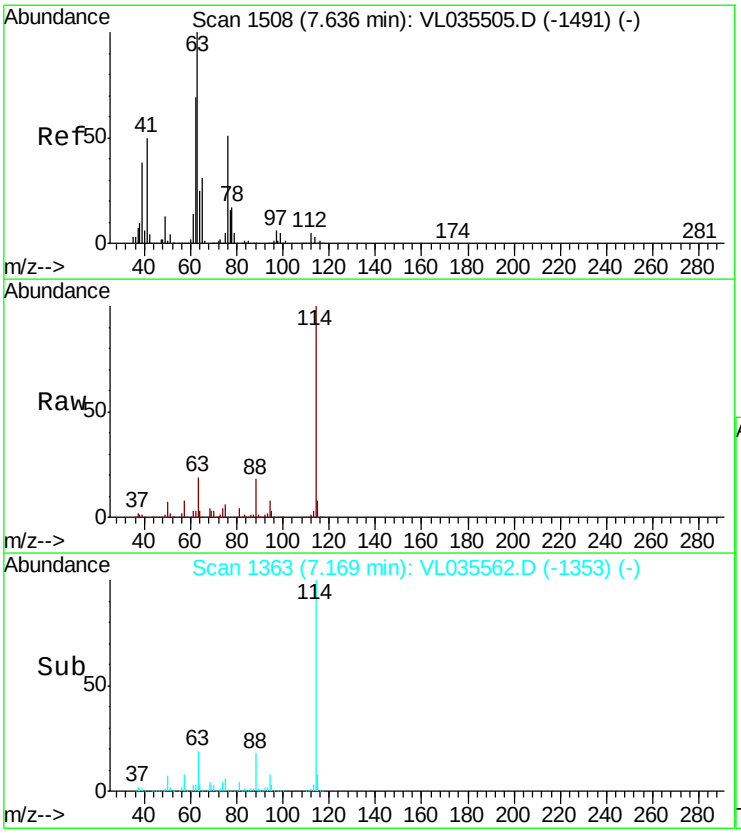
#36
Benzene
Concen: 0.034 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument : MSVOA_L
ClientSampleId : IA-3DL

Tgt Ion: 78 Resp: 10569

Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.3	28.9
50	9.8	11.0	16.6#

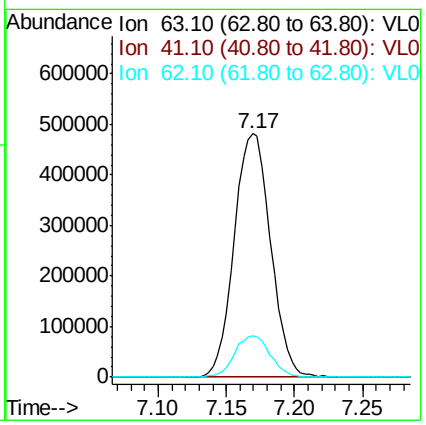


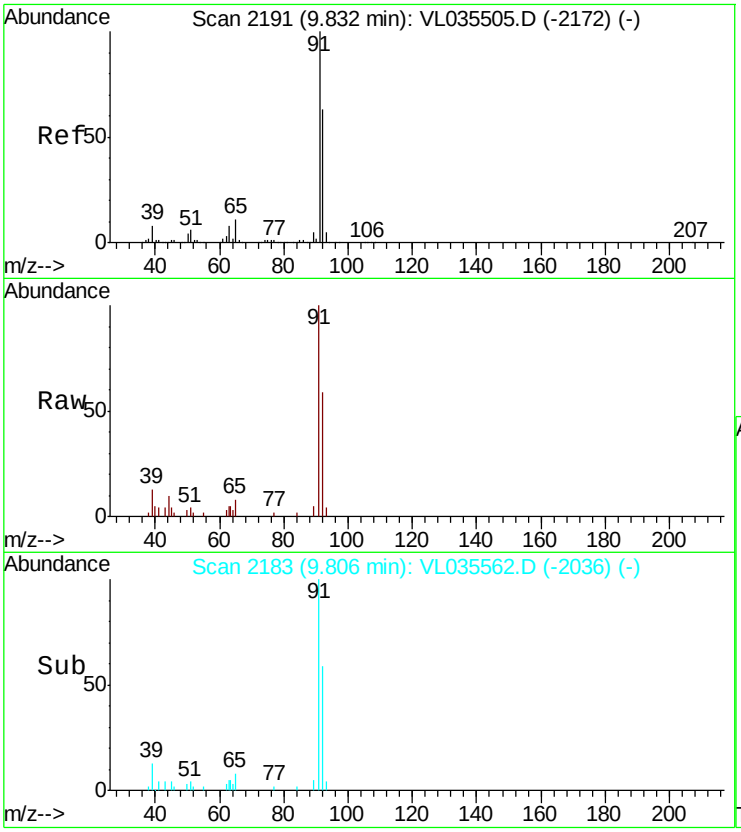


#39
1,2-Dichloropropane
Concen: 8.506 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion: 63 Resp: 894434

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.0	55.4	83.0#



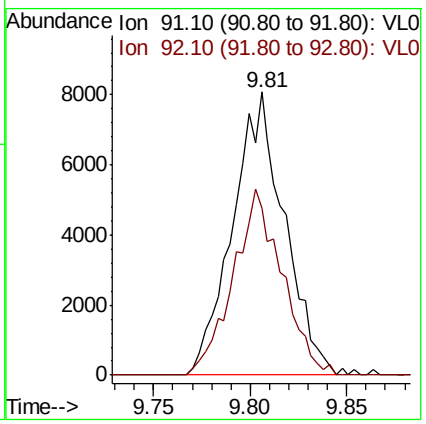


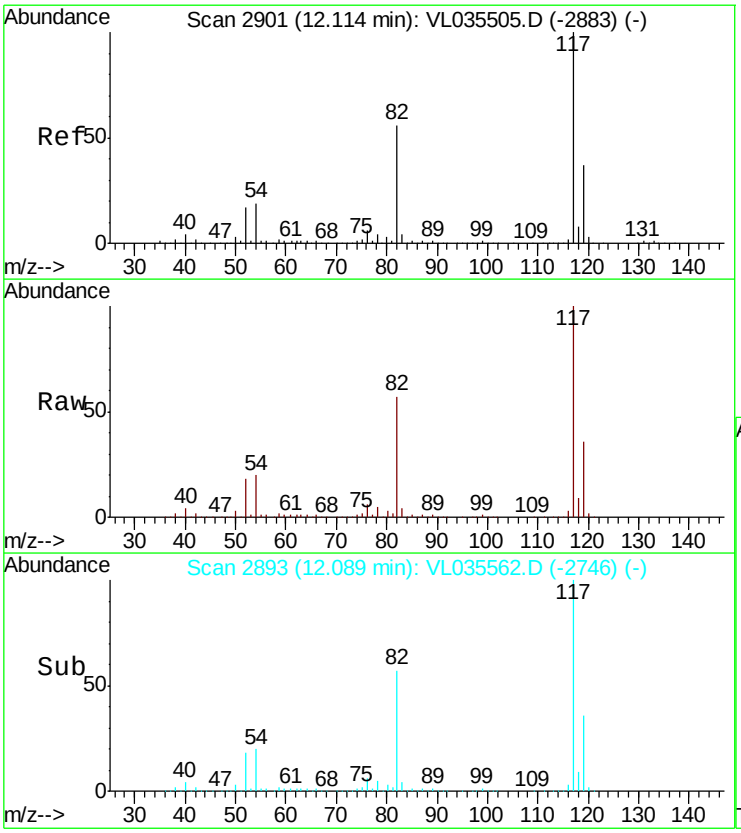
#53
Toluene
Concen: 0.038 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 91 Resp: 15034

Ion	Ratio	Lower	Upper
91	100		
92	61.9	49.8	74.8

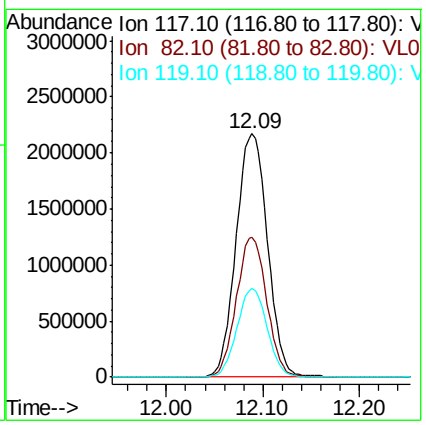


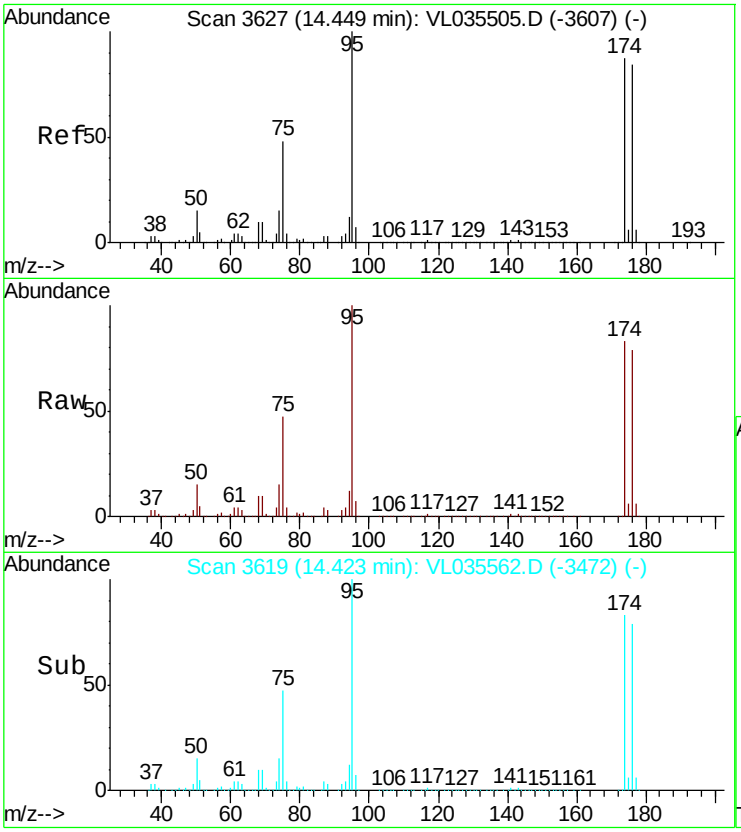


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Tgt Ion:117 Resp: 4915773

Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.6	62.4
119	35.1	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.373 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035562.D
Acq: 8 Sep 2020 18:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 95 Resp: 3621236

Ion	Ratio	Lower	Upper
95	100		
174	85.1	69.6	104.4
175	6.2	5.1	7.7