Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035575.D
Acq On : 9 Sep 2020 3:47
Operator : SY/AP
Sample : L3898-11DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-2DL

Quant Time: Sep 09 05:37:30 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	5.65	49	1155333	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4635705	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	4710416	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3528406	10.55	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.95	51	6380	0.050	ppbv #	65
9) Propene	3.00	41	12949	0.263	ppbv #	81
13) Ethanol	3.60	45	107087	8.768	ppbv	97
15) Acetone	3.84	43	136908	1.074	ppbv	97
19) Isopropyl Alcohol	3.97	45	17825	0.234	ppbv #	1
20) Methylene Chloride	4.33	84	24750	0.261	ppbv	94
25) Ethyl Acetate	5.68	43	8449	0.038	ppbv #	85
26) Hexane	5.68	57	12768	0.100	ppbv #	51
34) 2-Butanone	5.24	43	122239	0.889	ppbv	100
36) Benzene	6.88	78	10907	0.036	ppbv #	89
39) 1,2-Dichloropropane	7.16	63	878315	8.665	ppbv #	33
53) Toluene	9.80	91	50946	0.135	ppbv	96

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

Quantitation Report (Not Reviewed)

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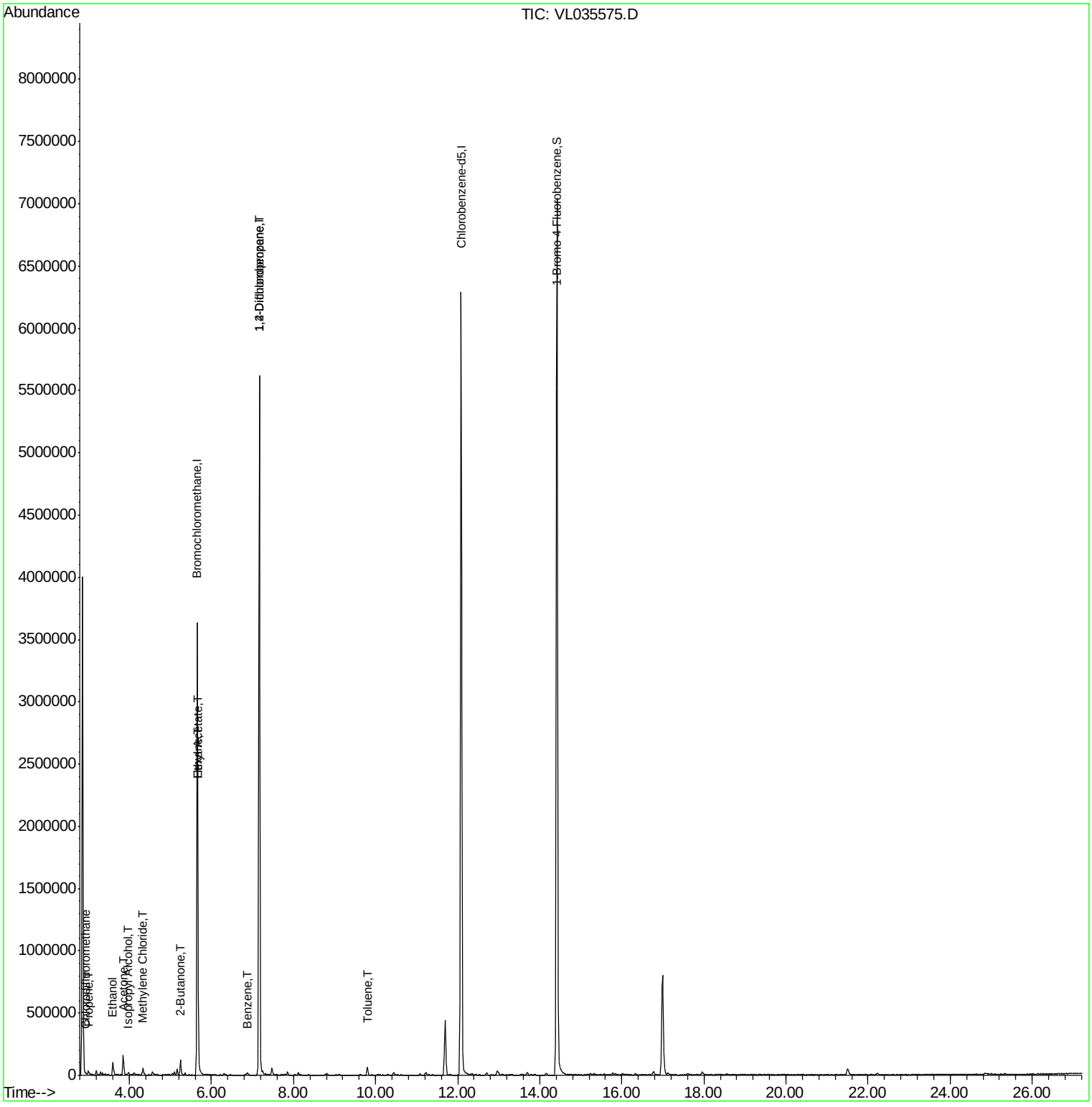
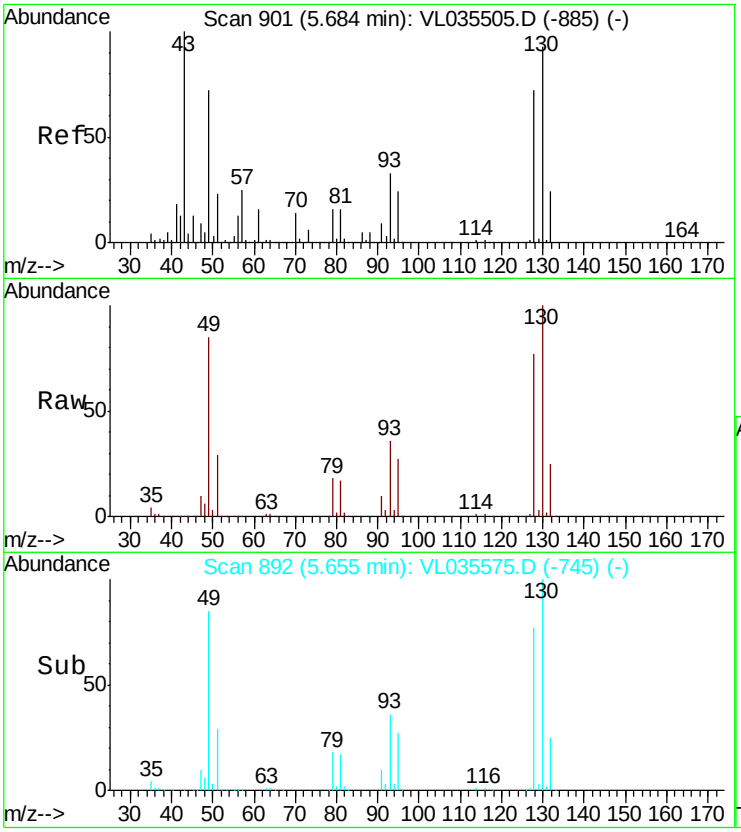


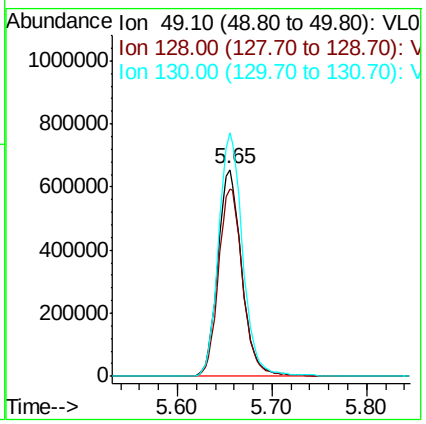


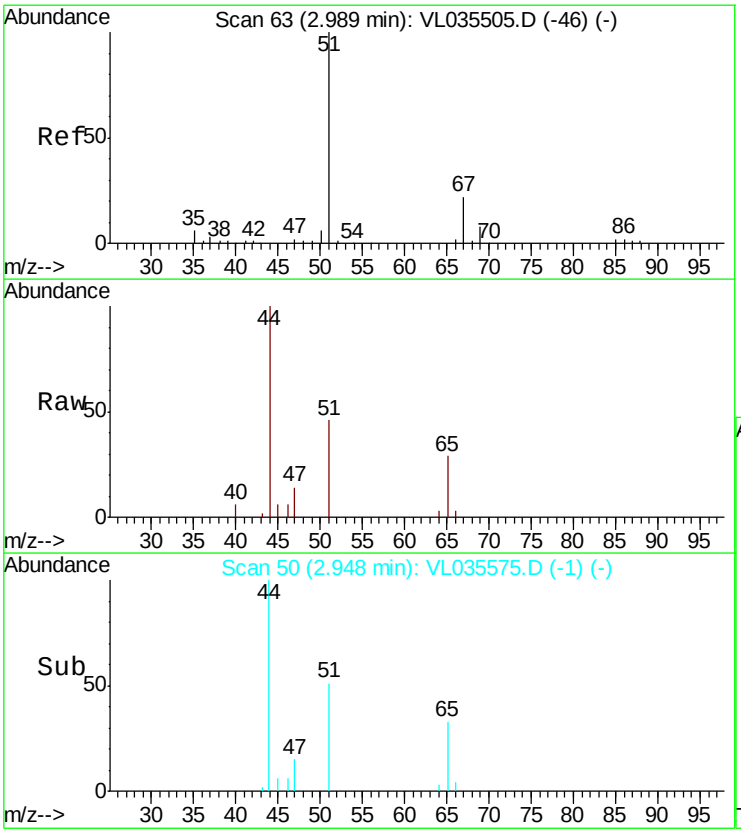
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 49 Resp: 1155333

Ion	Ratio	Lower	Upper
49	100		
128	92.2	50.0	150.1
130	118.9	64.4	193.2

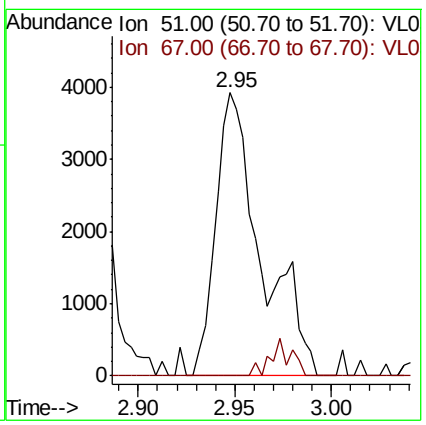


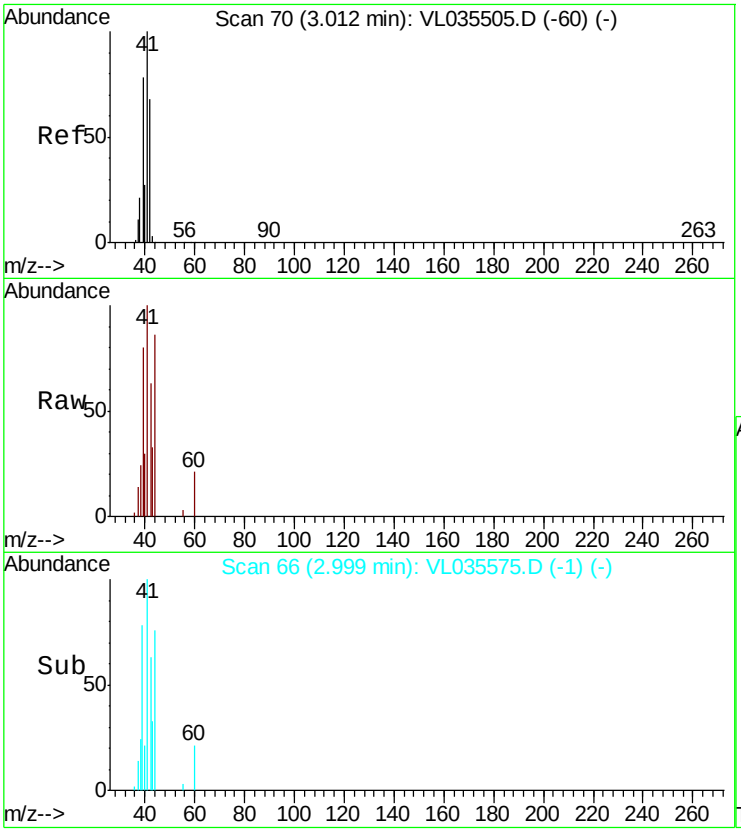


#3
Chlorodifluoromethane
Concen: 0.050 ppbv
RT: 2.95 min Scan# 50
Delta R.T. -0.04 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 51 Resp: 6380

Ion	Ratio	Lower	Upper
51	100		
67	5.8	17.8	26.8#



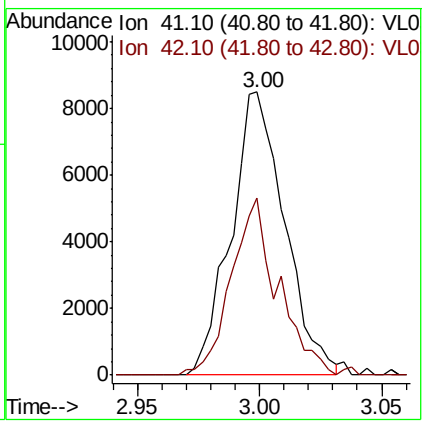


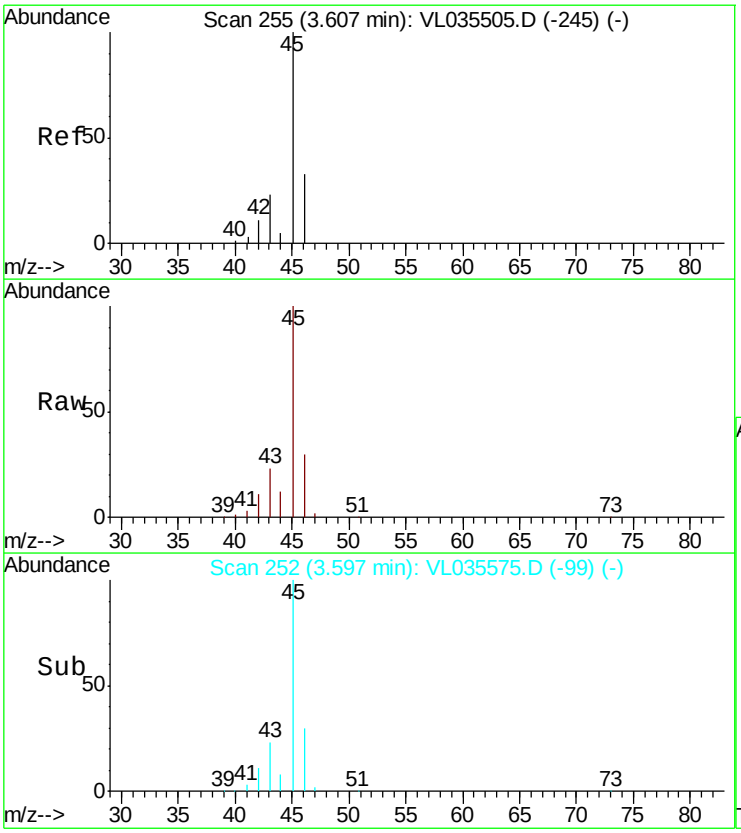
#9
Propene
Concen: 0.263 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 41 Resp: 12949

Ion	Ratio	Lower	Upper
41	100		
42	55.1	56.3	84.5#

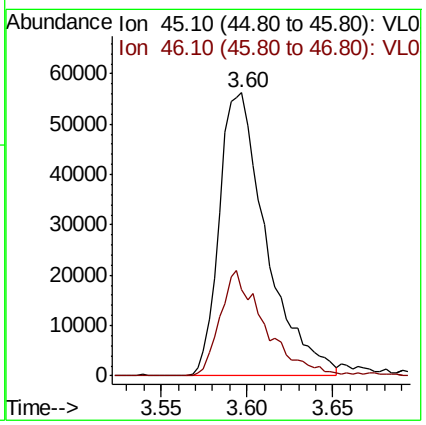


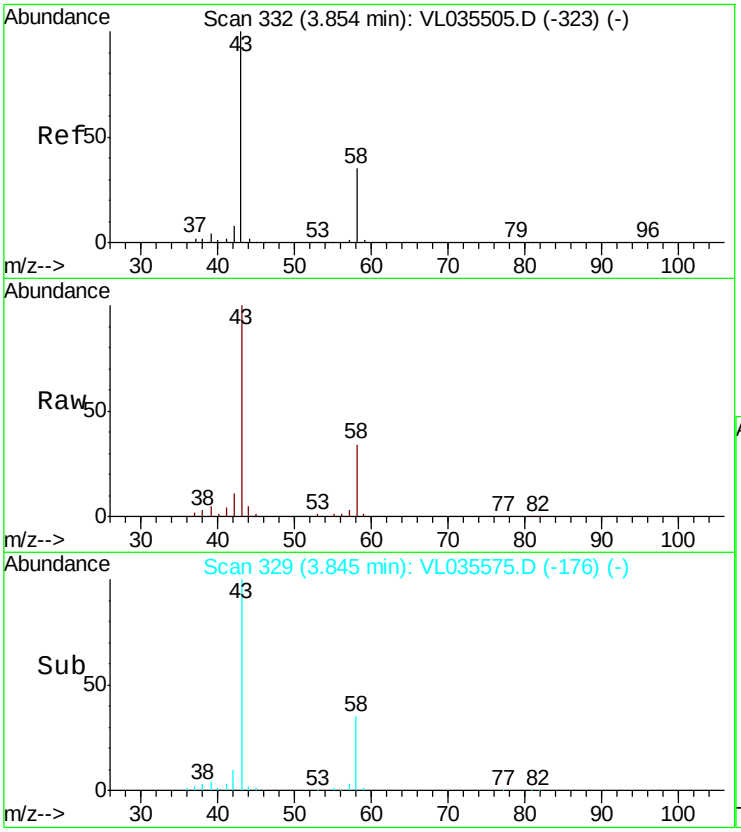


#13
Ethanol
Concen: 8.768 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 45 Resp: 107087

Ion	Ratio	Lower	Upper
45	100		
46	36.1	15.2	60.6



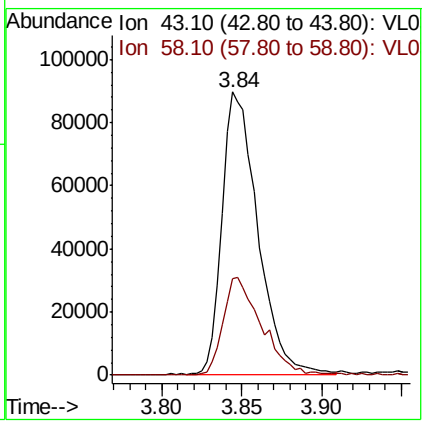


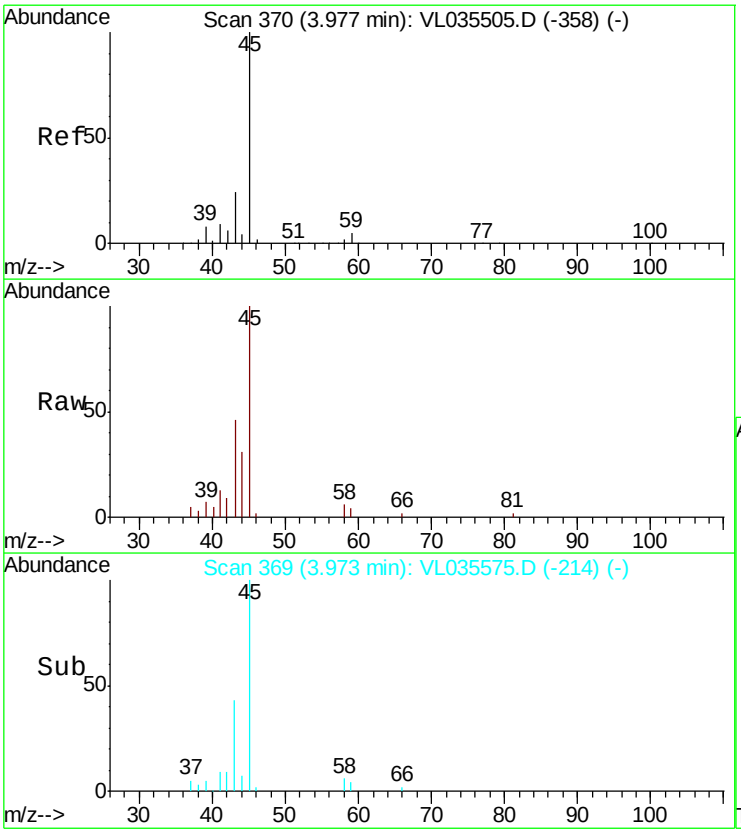
#15
Acetone
Concen: 1.074 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument : MSVOA_L
ClientSampleId : SS-2DL

Tgt Ion: 43 Resp: 136908

Ion	Ratio	Lower	Upper
43	100		
58	37.2	28.4	42.6

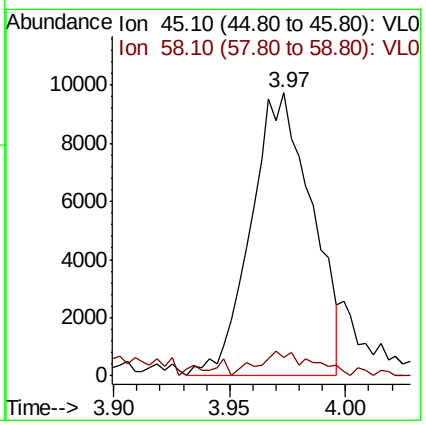


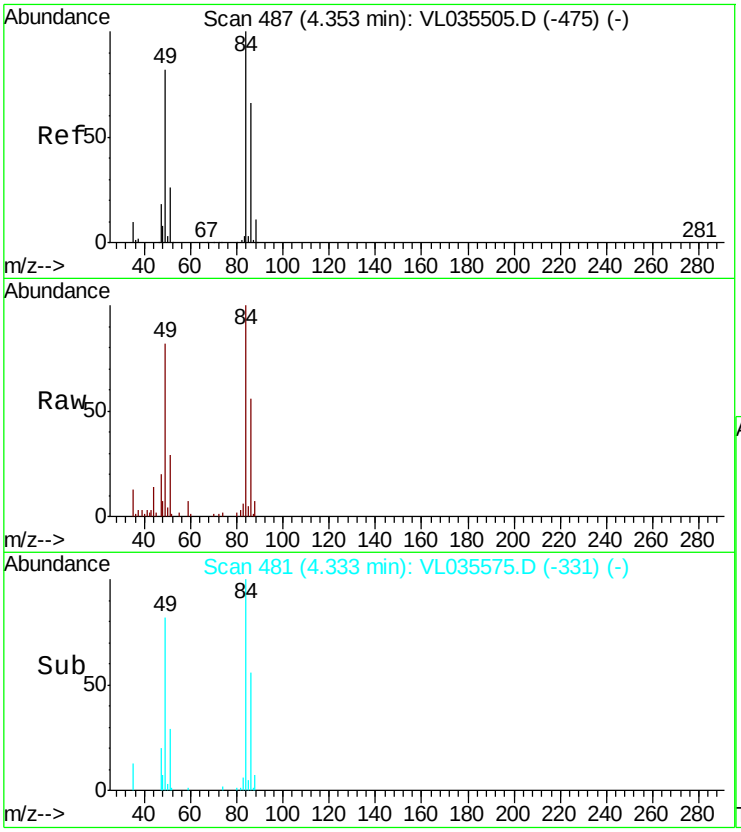


#19
Isopropyl Alcohol
Concen: 0.234 ppbv
RT: 3.97 min Scan# 369
Delta R.T. -0.00 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 45 Resp: 17825

Ion	Ratio	Lower	Upper
45	100		
58	289.6	2.0	3.0#



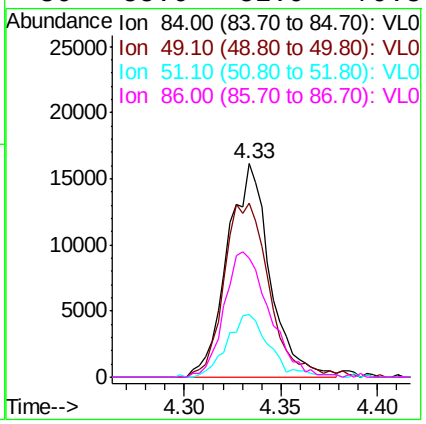


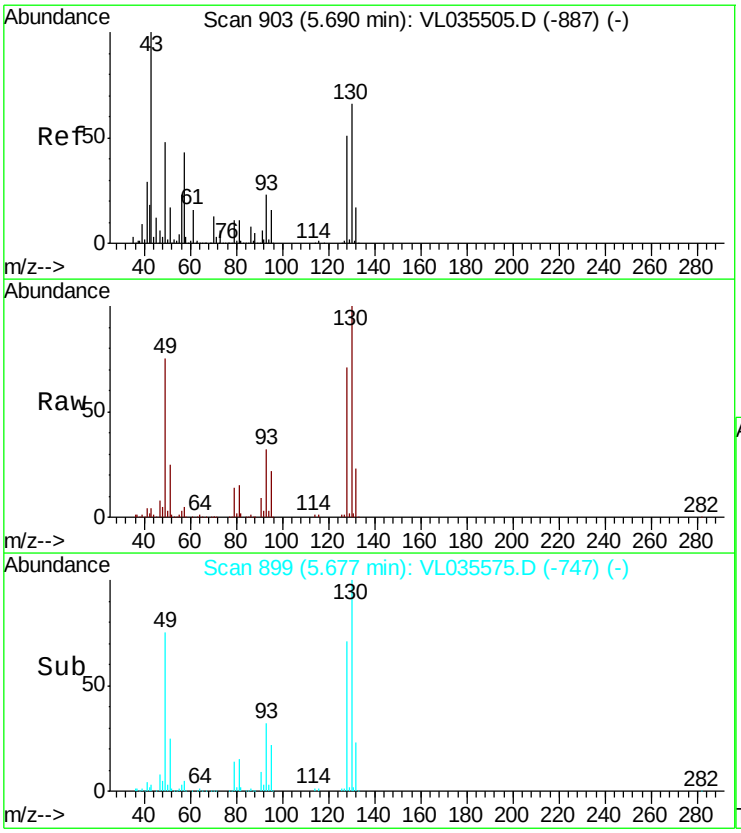
#20
Methylene Chloride
Concen: 0.261 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument : MSVOA_L
ClientSampleId : SS-2DL

Tgt Ion: 84 Resp: 24750

Ion	Ratio	Lower	Upper
84	100		
49	81.7	65.4	98.0
51	30.7	21.5	32.3
86	55.6	52.9	79.3

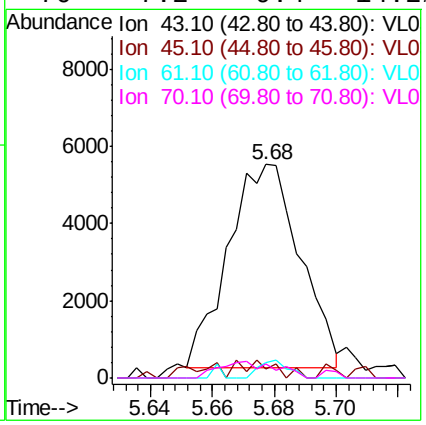


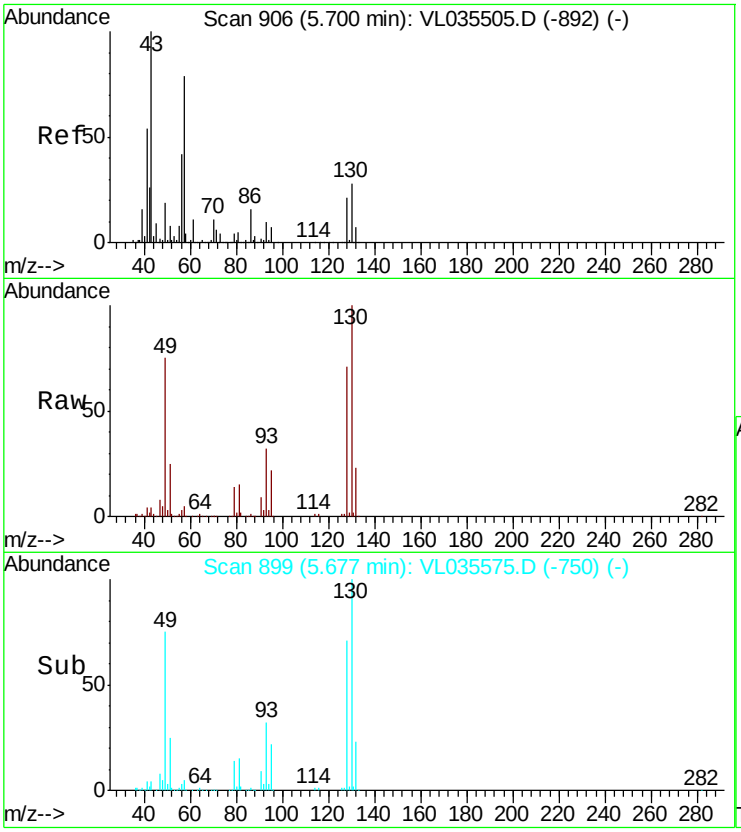


#25
Ethyl Acetate
Concen: 0.038 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 43 Resp: 8449

Ion	Ratio	Lower	Upper
43	100		
45	7.6	8.4	12.6#
61	4.4	10.6	16.0#
70	7.2	9.4	14.2#



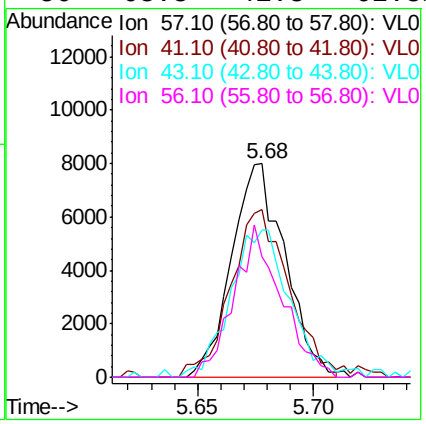


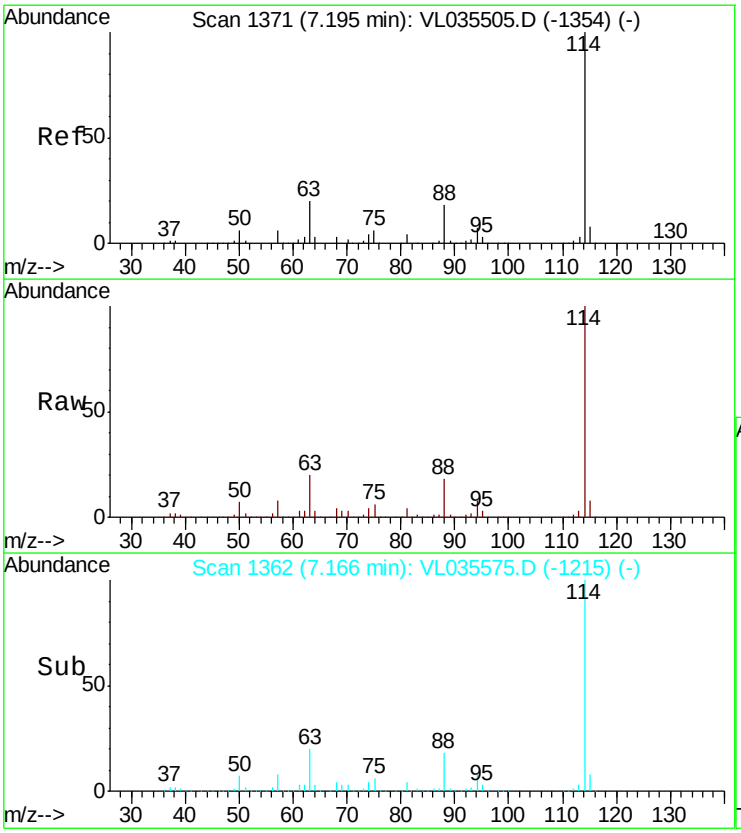
#26
Hexane
Concen: 0.100 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 57 Resp: 12768

Ion	Ratio	Lower	Upper
57	100		
41	87.9	55.9	83.9#
43	78.7	141.8	212.8#
56	63.3	41.8	62.8#

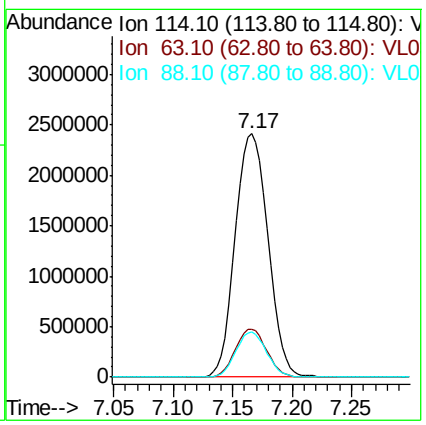


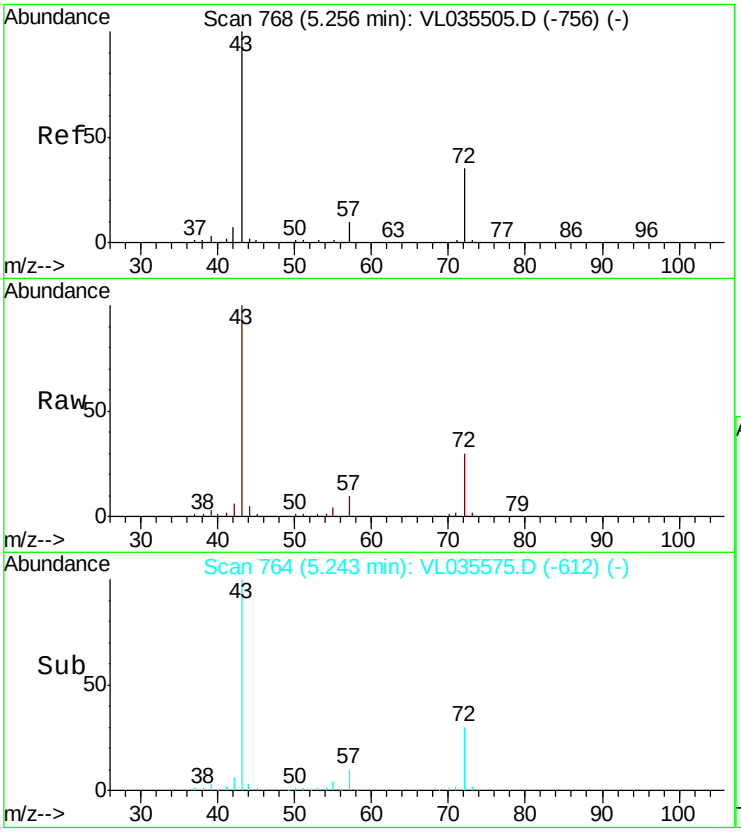


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion:114 Resp: 4635705

Ion	Ratio	Lower	Upper
114	100		
63	19.0	14.7	22.1
88	17.3	13.4	20.2



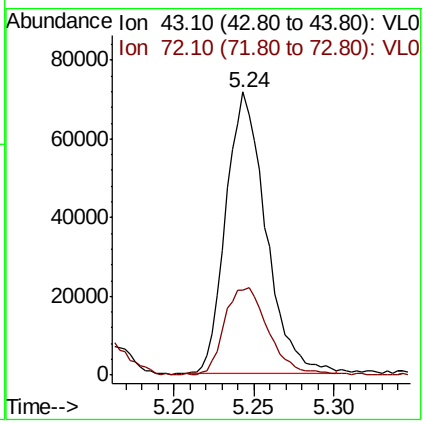


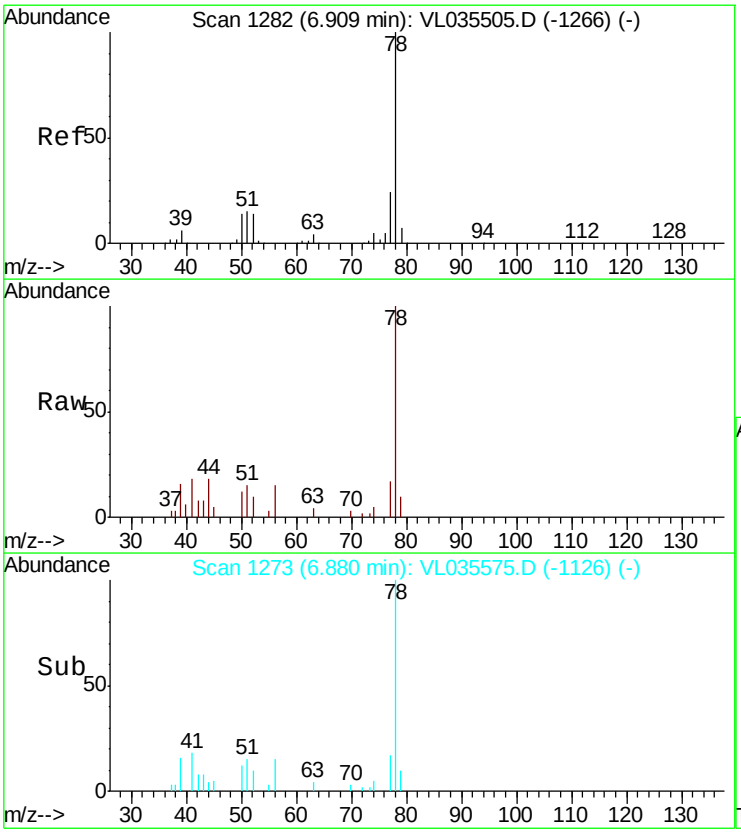
#34
2-Butanone
Concen: 0.889 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 43 Resp: 122239

Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.7	41.5

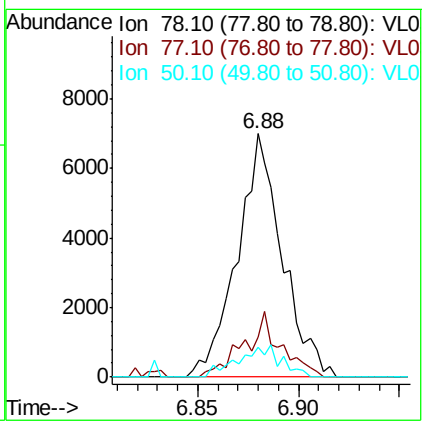


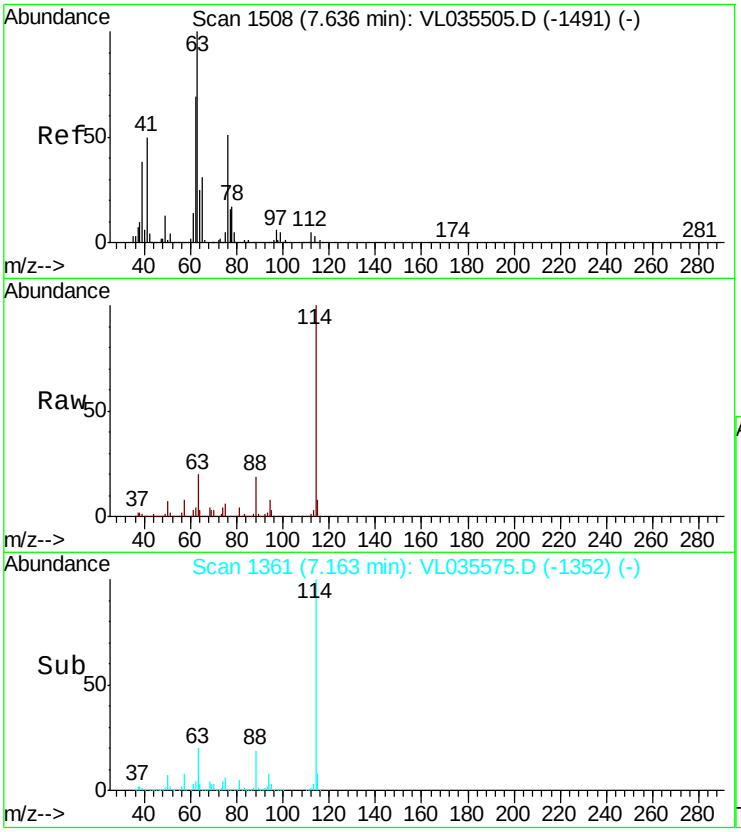


#36
Benzene
Concen: 0.036 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 78 Resp: 10907

Ion	Ratio	Lower	Upper
78	100		
77	16.7	19.3	28.9#
50	12.2	11.0	16.6



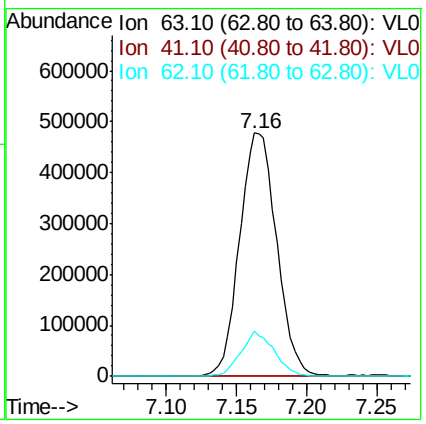


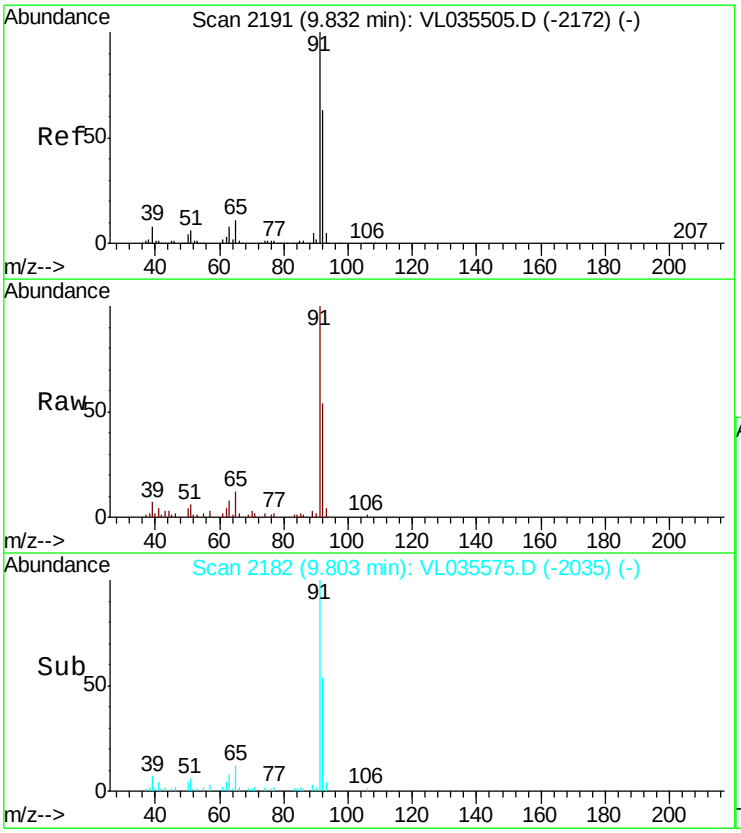
#39
1,2-Dichloropropane
Concen: 8.665 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.47 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion: 63 Resp: 878315

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	18.4	55.4	83.0#

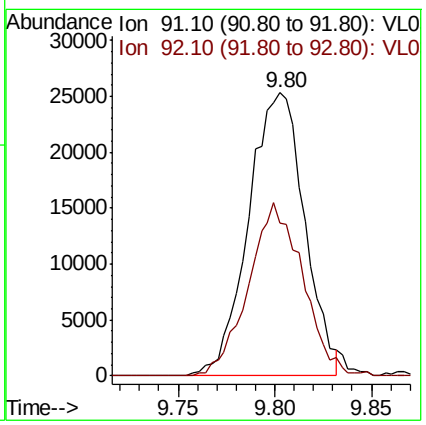


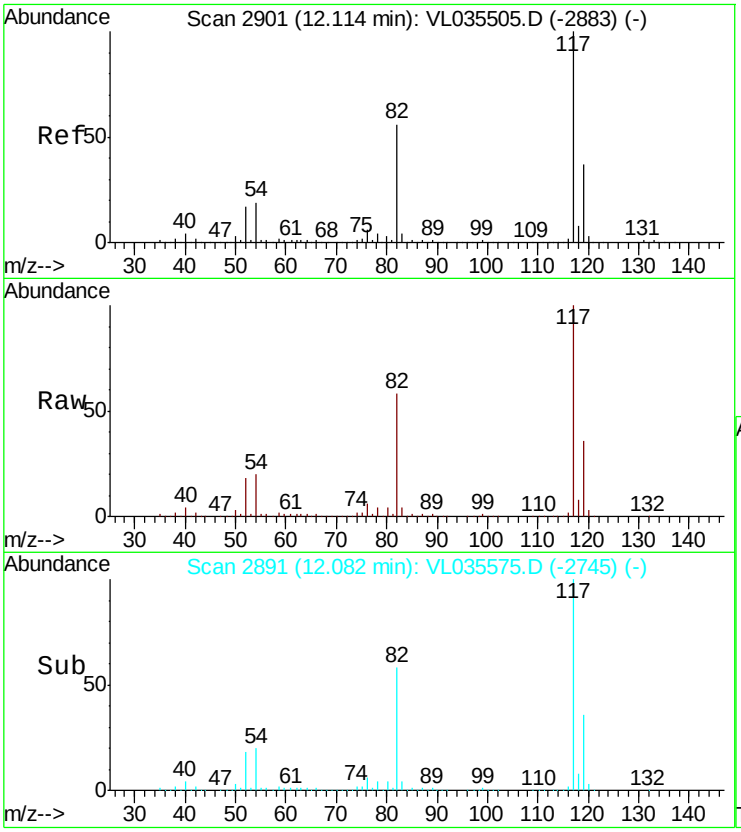


#53
Toluene
Concen: 0.135 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.03 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 91 Resp: 50946

Ion	Ratio	Lower	Upper
91	100		
92	59.2	49.8	74.8



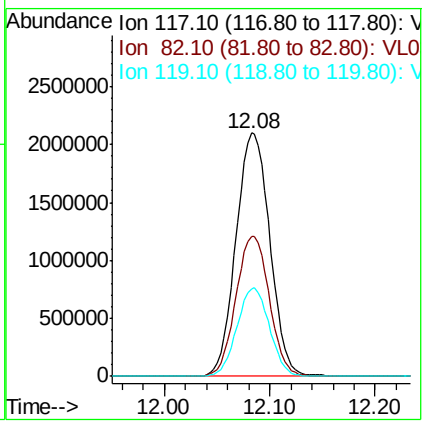


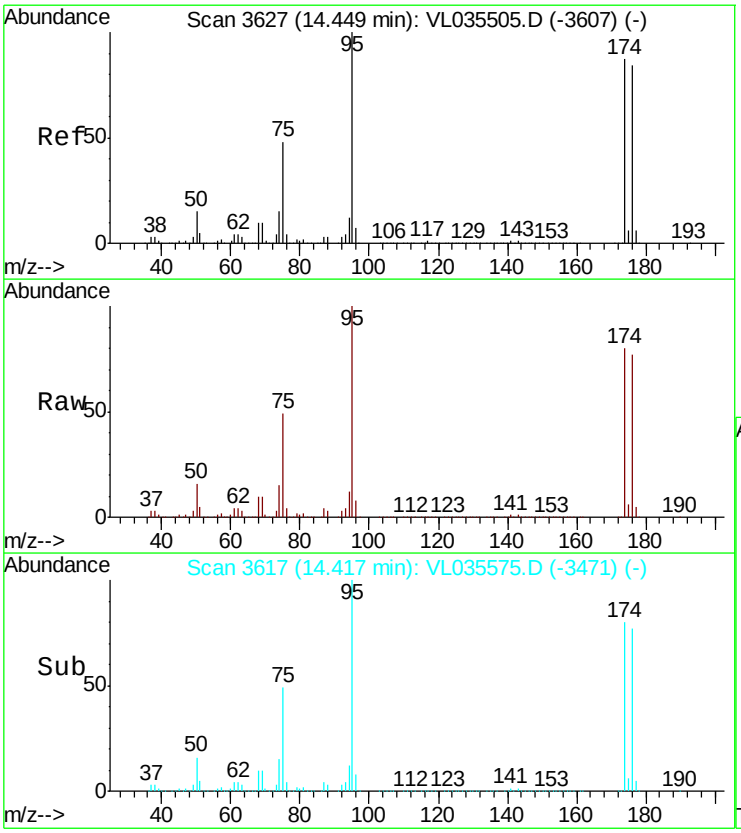
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.03 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Tgt Ion:117 Resp: 4710416

Ion	Ratio	Lower	Upper
117	100		
82	57.0	41.6	62.4
119	35.0	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.548 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.03 min
Lab File: VL035575.D
Acq: 9 Sep 2020 3:47

Tgt Ion: 95 Resp: 3528406

Ion	Ratio	Lower	Upper
95	100		
174	81.9	69.6	104.4
175	5.9	5.1	7.7