Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052220\
Data File : VL035091.D
Acq On : 22 May 2020 19:22
Operator : SY/AP
Sample : L2739-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 22 23:18:01 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	945628	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2210667	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2104912	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1745154	10.24	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	9625	0.072	ppbv #	84
4) Chloromethane	3.10	50	4641	0.075	ppbv	97
9) Propene	3.31	41	2271	0.048	ppbv	89
13) Ethanol	3.56	45	102612	6.638	ppbv	94
15) Acetone	3.83	43	136859	1.095	ppbv #	88
19) Isopropyl Alcohol	3.94	45	123334	1.479	ppbv #	90
20) Methylene Chloride	4.31	84	15350	0.371	ppbv #	67
21) Allyl Chloride	4.10	41	179135	2.537	ppbv #	53
25) Ethyl Acetate	5.67	43	26318	0.125	ppbv #	92
26) Hexane	5.67	57	15423	0.169	ppbv #	79
34) 2-Butanone	5.23	43	4283	0.031	ppbv #	53
39) 1,2-Dichloropropane	7.17	63	601786	8.236	ppbv #	26
53) Toluene	9.82	91	224722	1.163	ppbv	96

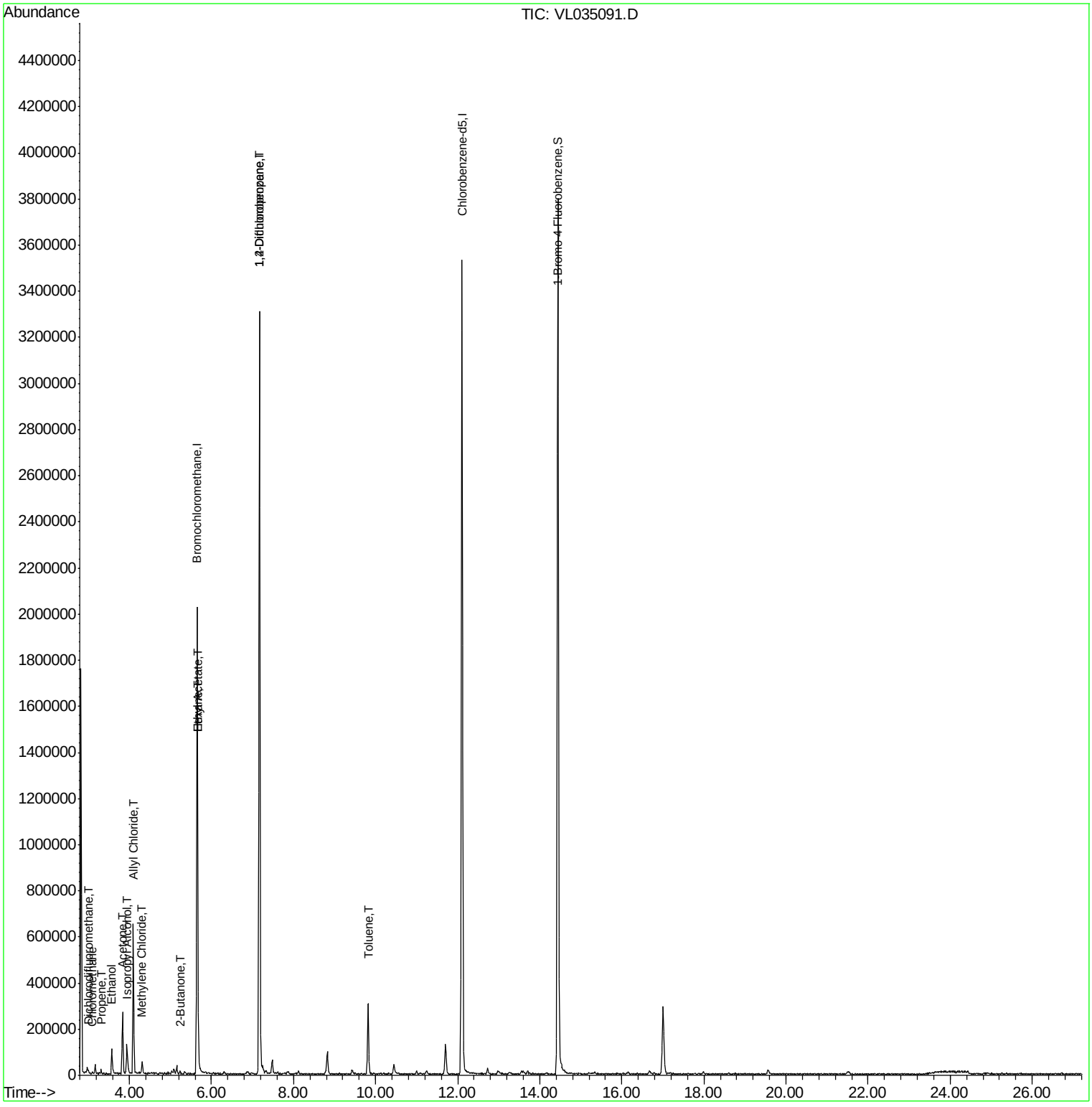
(#) = qualifier out of range (m) = manual integration (+) = signals summed

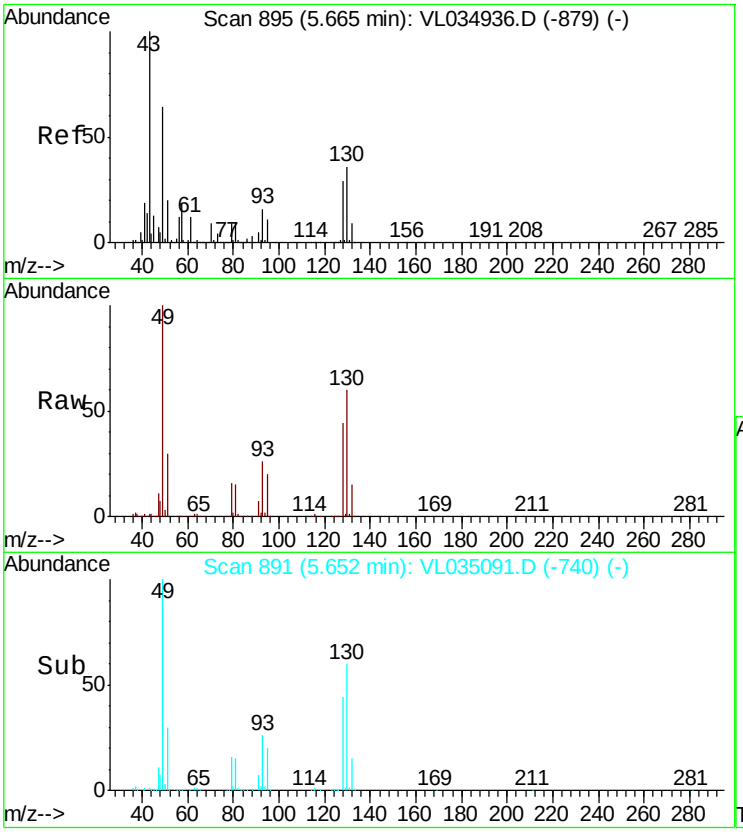
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052220\
Data File : VL035091.D
Acq On : 22 May 2020 19:22
Operator : SY/AP
Sample : L2739-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 22 23:18:01 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



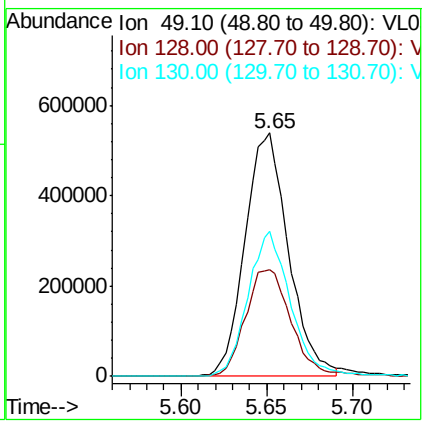


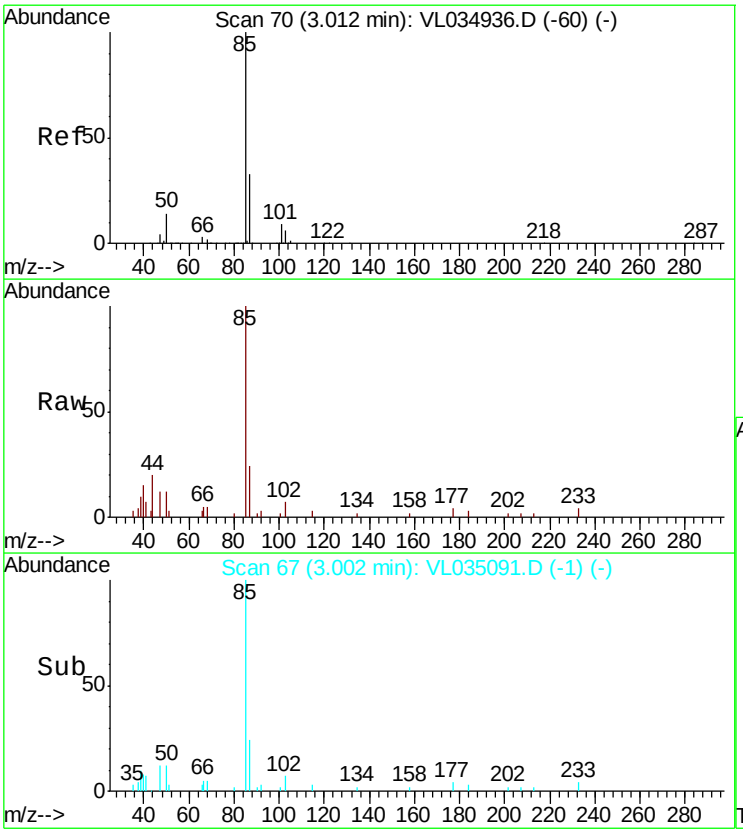
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 945628

Ion	Ratio	Lower	Upper
49	100		
128	46.9	22.1	66.5
130	58.9	29.1	87.3

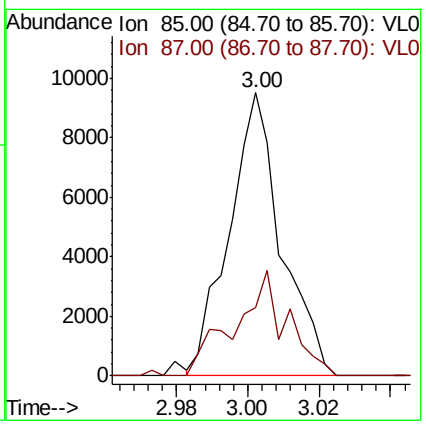


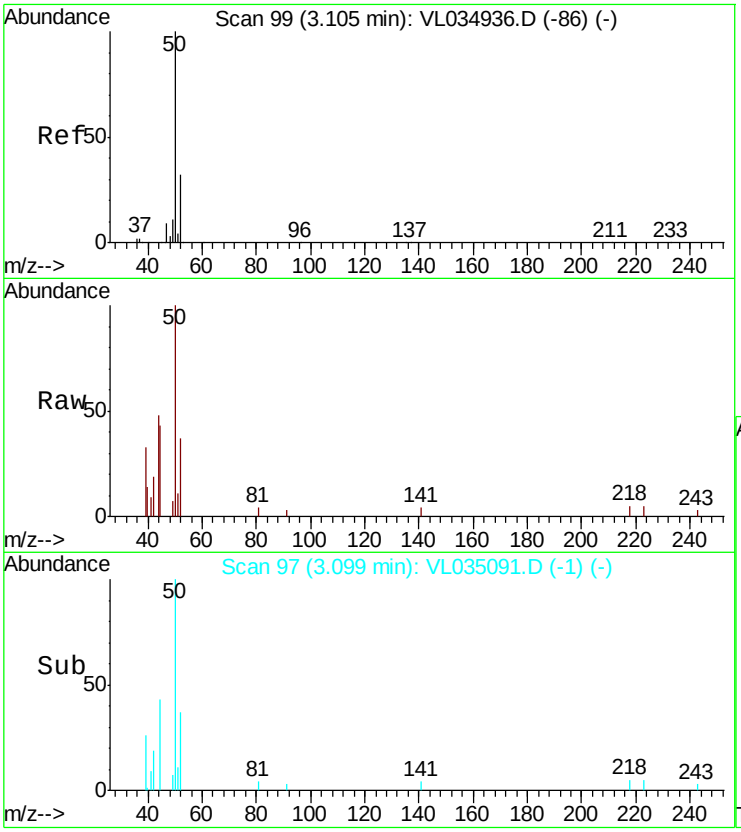


#2
Dichlorodifluoromethane
Concen: 0.072 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 85 Resp: 9625

Ion	Ratio	Lower	Upper
85	100		
87	24.0	26.2	39.2#



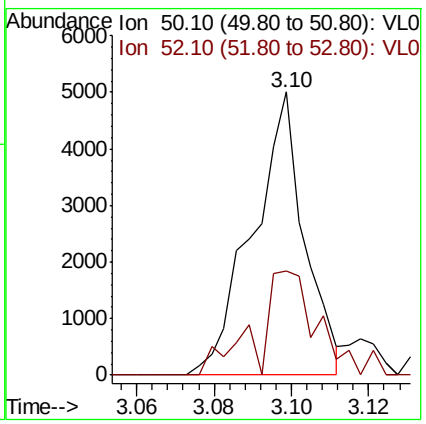


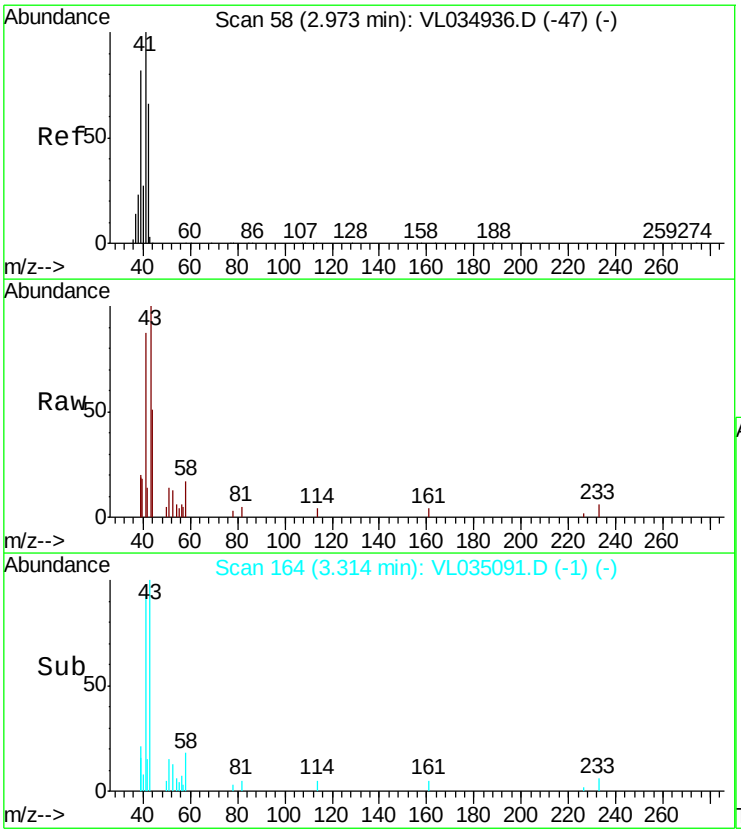
#4
Chloromethane
Concen: 0.075 ppbv
RT: 3.10 min Scan# 97
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 4641

Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.4	38.2

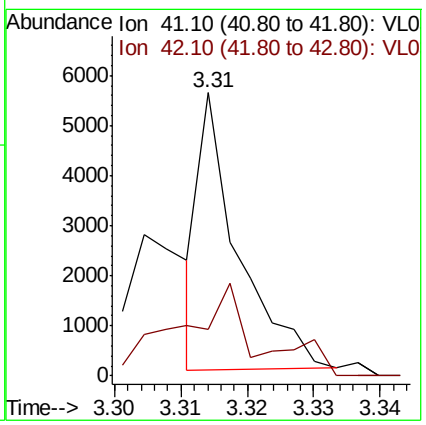


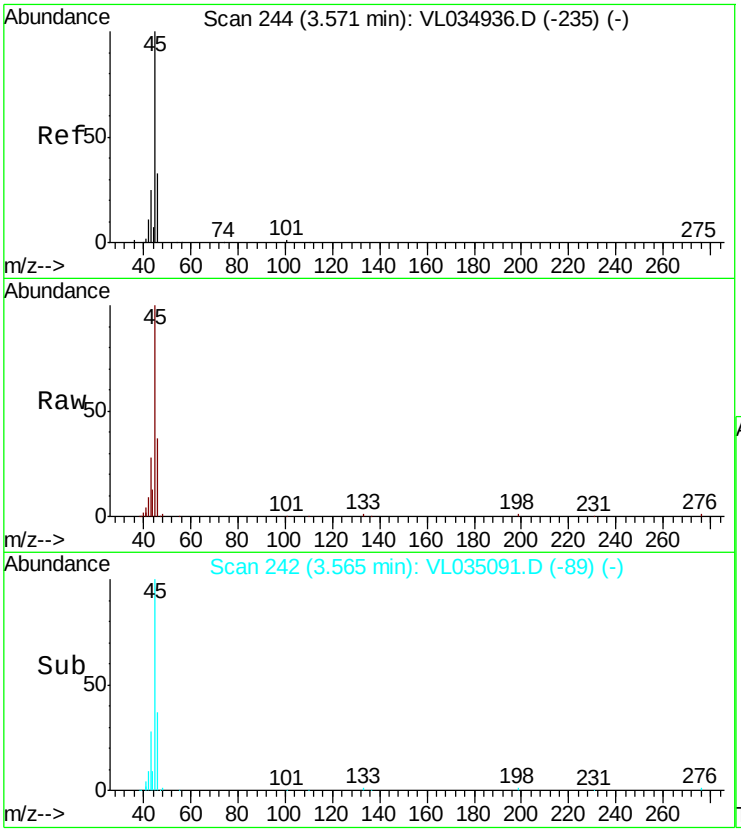


#9
Propene
Concen: 0.048 ppbv
RT: 3.31 min Scan# 164
Delta R.T. 0.34 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 41 Resp: 2271

Ion	Ratio	Lower	Upper
41	100		
42	77.1	54.5	81.7



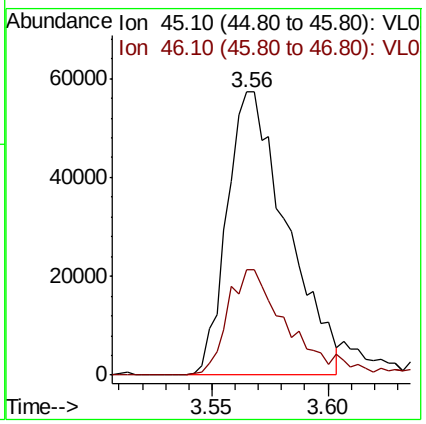


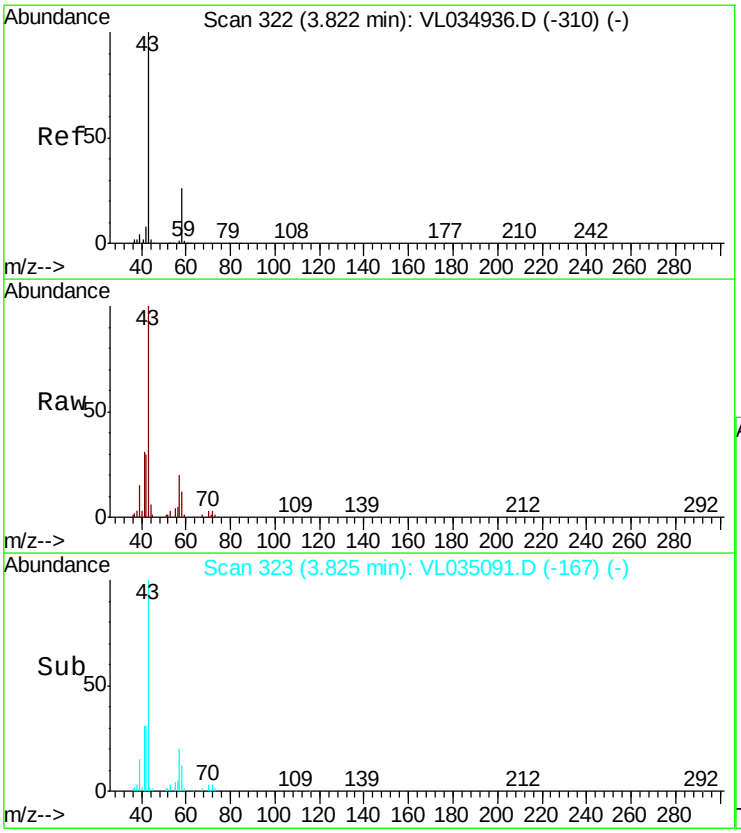
#13
Ethanol
Concen: 6.638 ppbv
RT: 3.56 min Scan# 242
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 102612

Ion	Ratio	Lower	Upper
45	100		
46	39.3	14.3	57.3

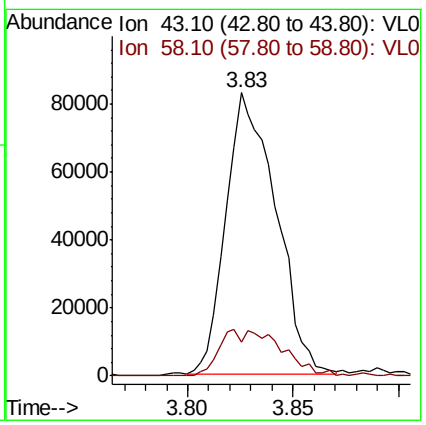


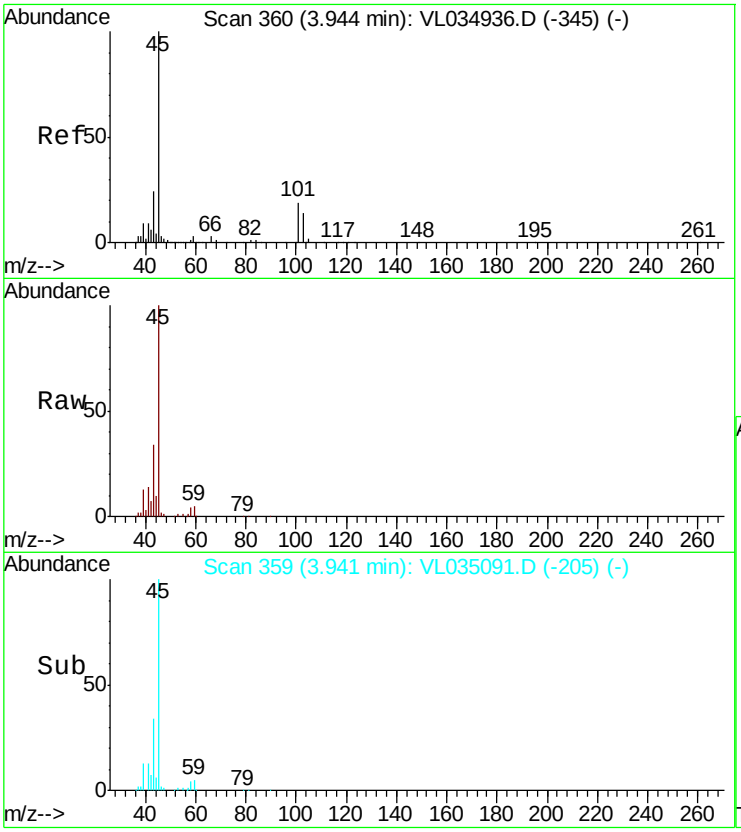


#15
Acetone
Concen: 1.095 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.00 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 43 Resp: 136859

Ion	Ratio	Lower	Upper
43	100		
58	20.9	21.7	32.5#



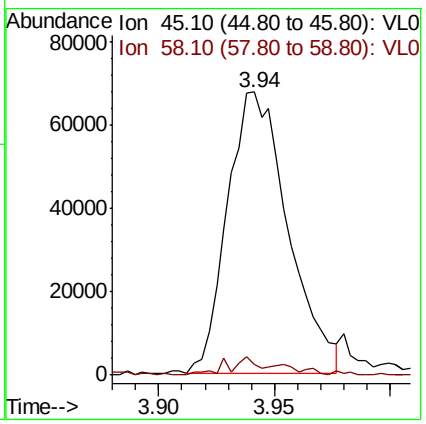


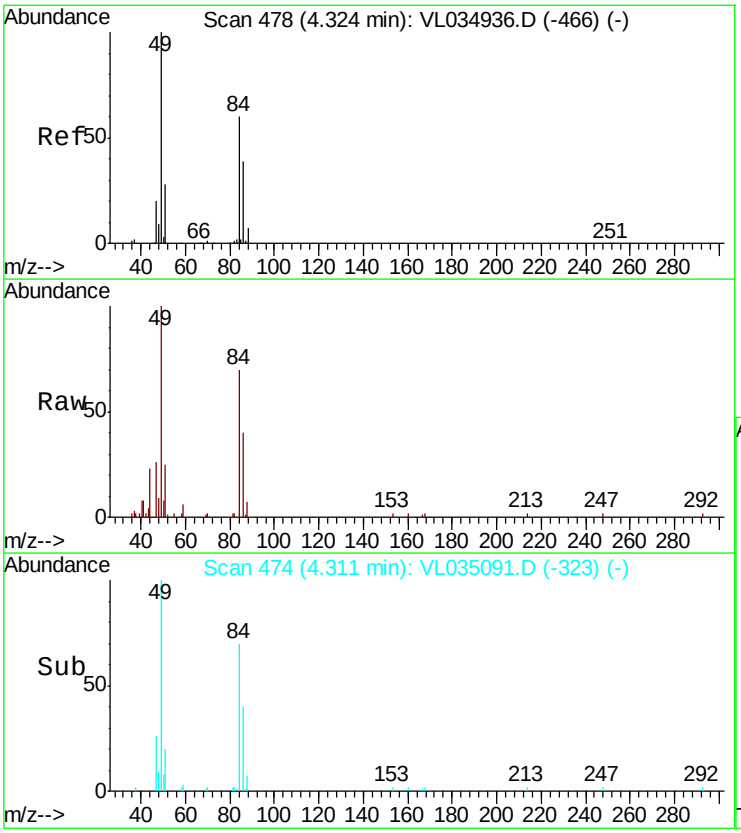
#19
Isopropyl Alcohol
Concen: 1.479 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 123334

Ion	Ratio	Lower	Upper
45	100		
58	5.6	1.7	2.5#

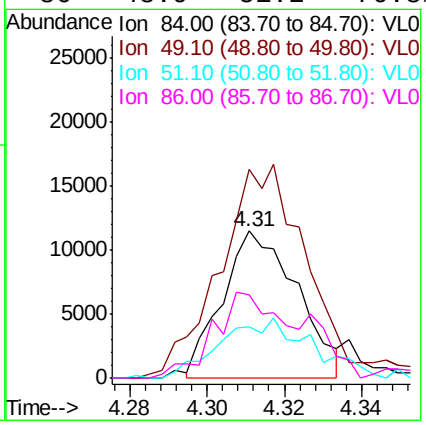


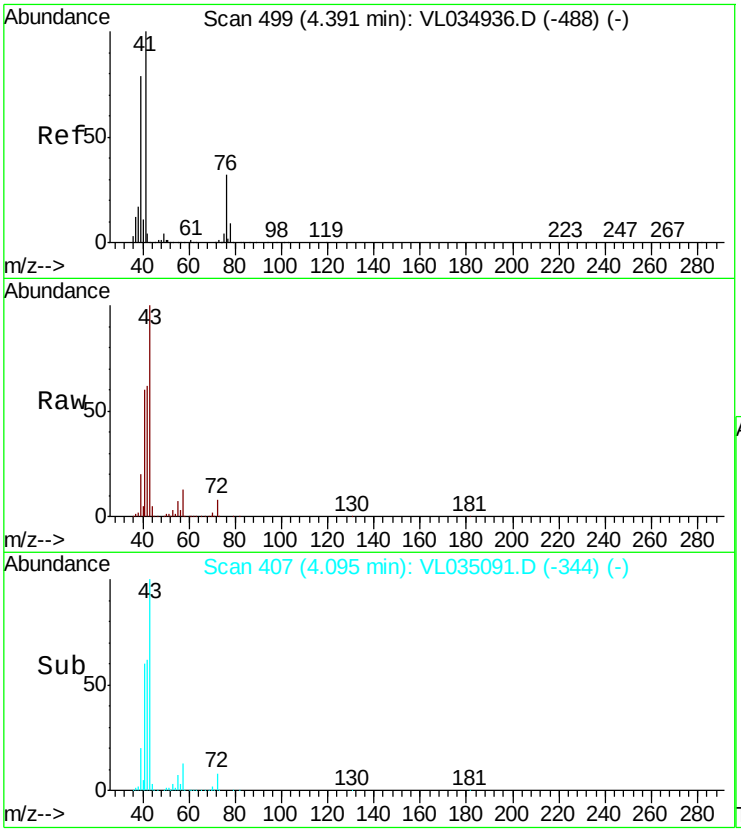


#20
Methylene Chloride
Concen: 0.371 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 84 Resp: 15350

Ion	Ratio	Lower	Upper
84	100		
49	115.5	132.5	198.7#
51	24.6	38.4	57.6#
86	48.9	51.2	76.8#



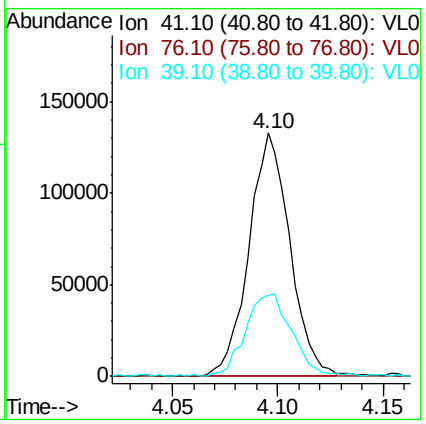


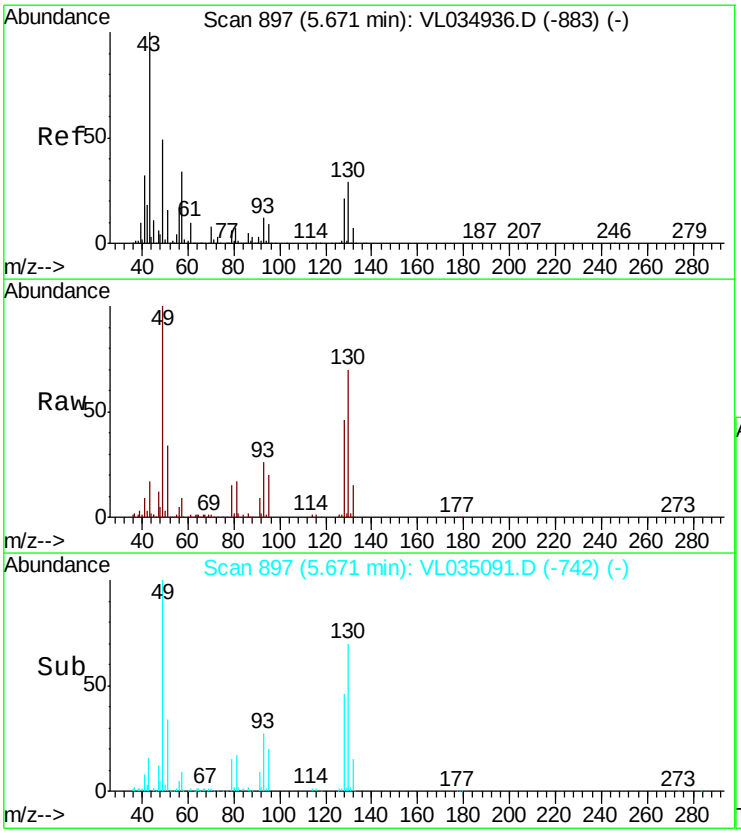
#21
Allvl Chloride
Concen: 2.537 ppbv
RT: 4.10 min Scan# 407
Delta R.T. -0.30 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 179135

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.6	35.4#
39	38.9	61.9	92.9#

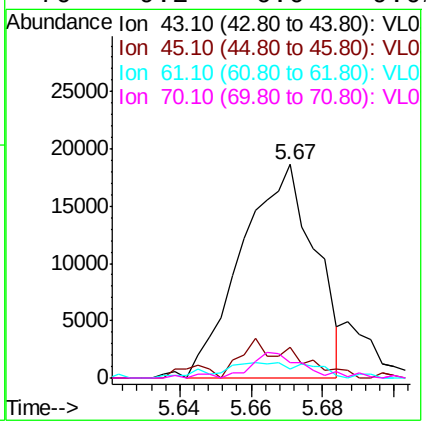


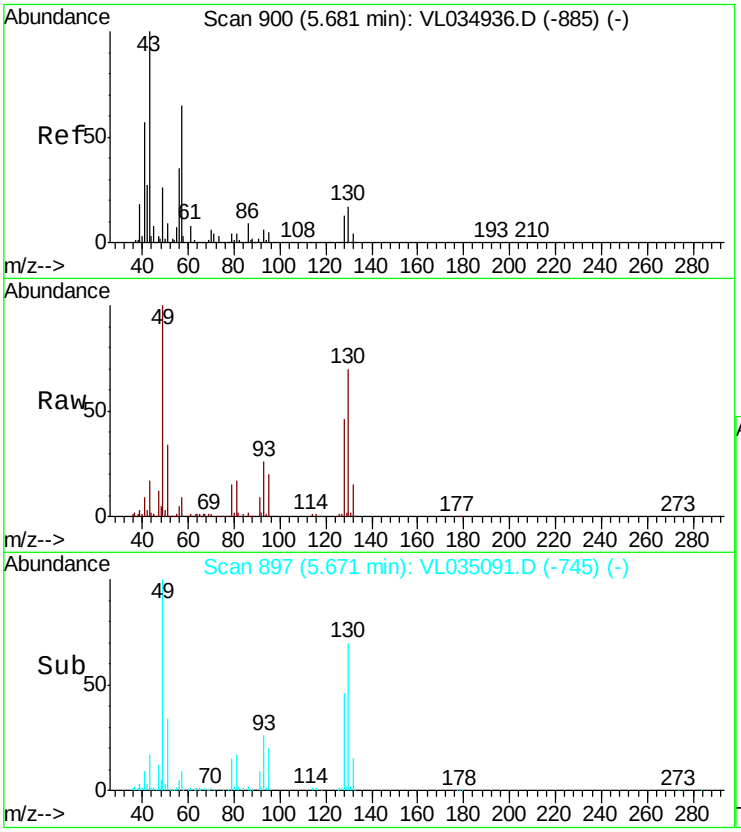


#25
Ethyl Acetate
Concen: 0.125 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 43 Resp: 26318

Ion	Ratio	Lower	Upper
43	100		
45	16.2	8.1	12.1#
61	10.3	7.8	11.8
70	9.2	6.0	9.0#



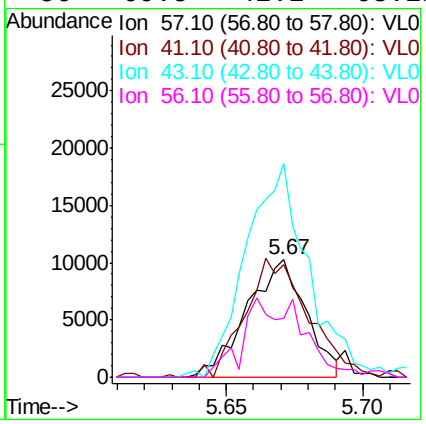


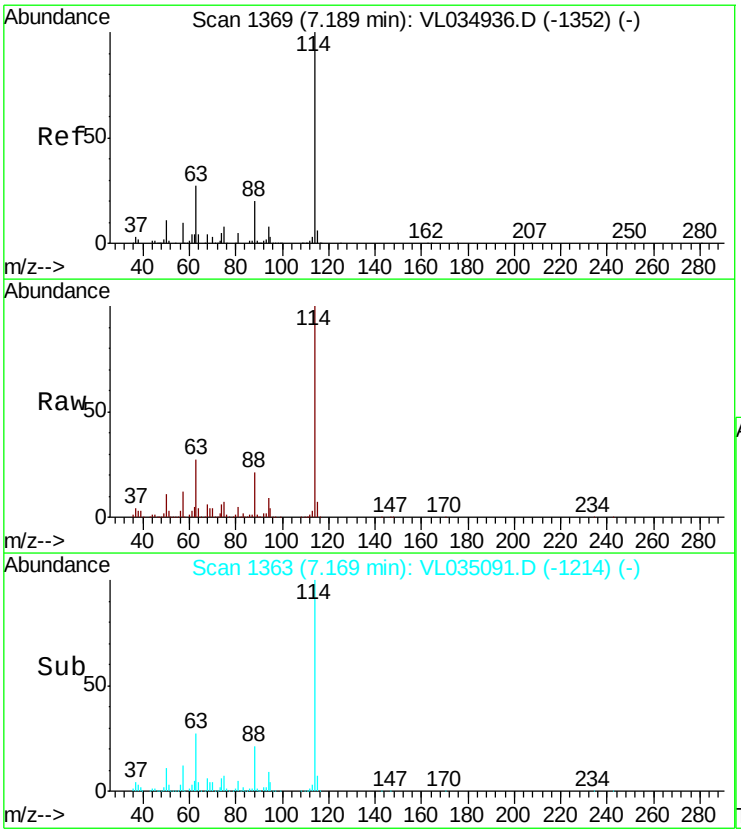
#26
Hexane
Concen: 0.169 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 15423

Ion	Ratio	Lower	Upper
57	100		
41	113.6	72.7	109.1#
43	196.5	182.1	273.1
56	69.5	42.2	63.2#

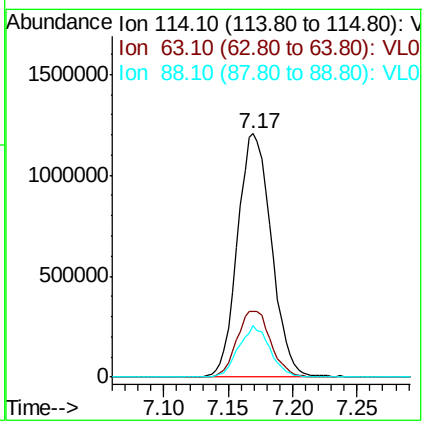


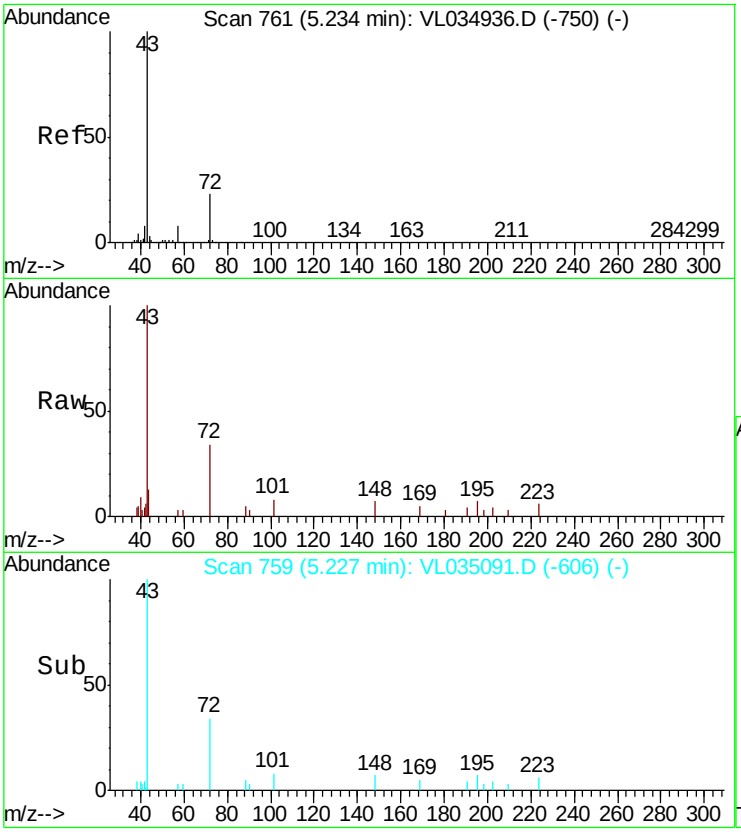


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion:114 Resp: 2210667

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	19.6	15.5	23.3



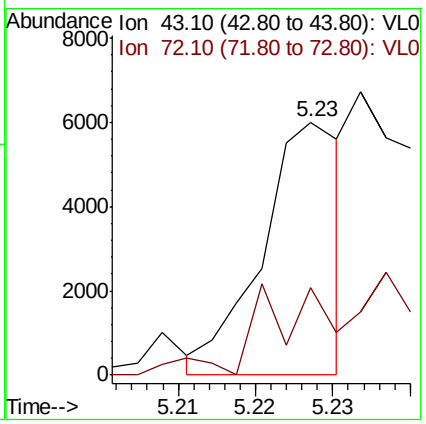


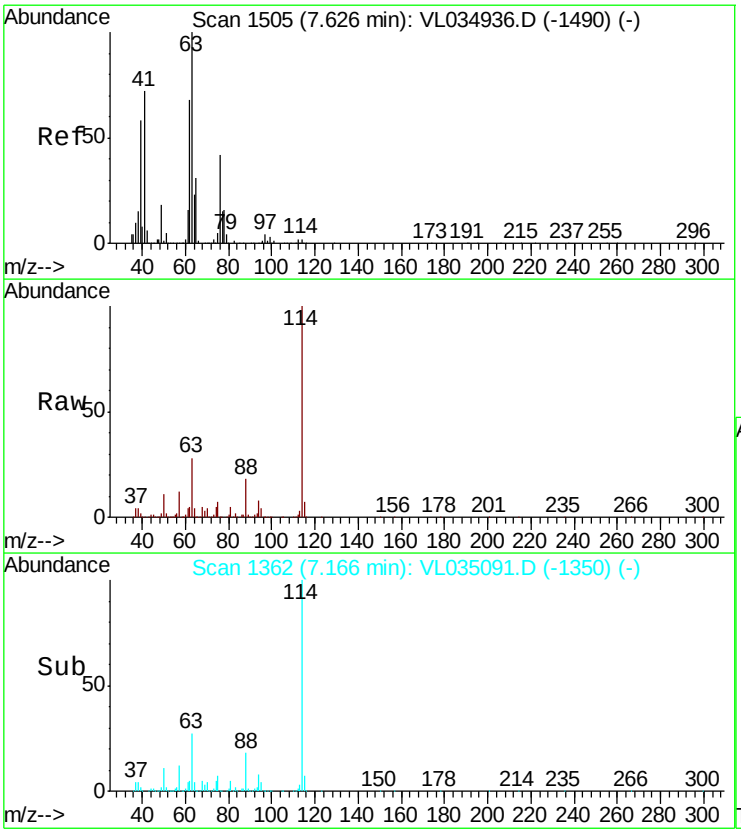
#34
2-Butanone
Concen: 0.031 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 4283

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.0	27.0#

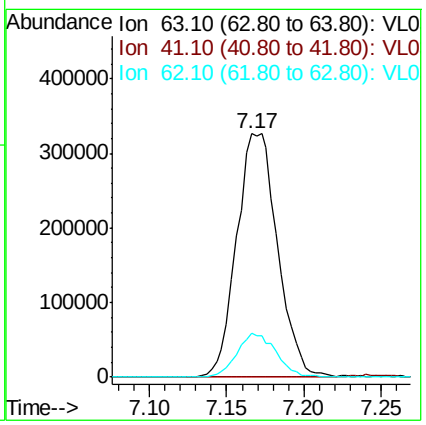


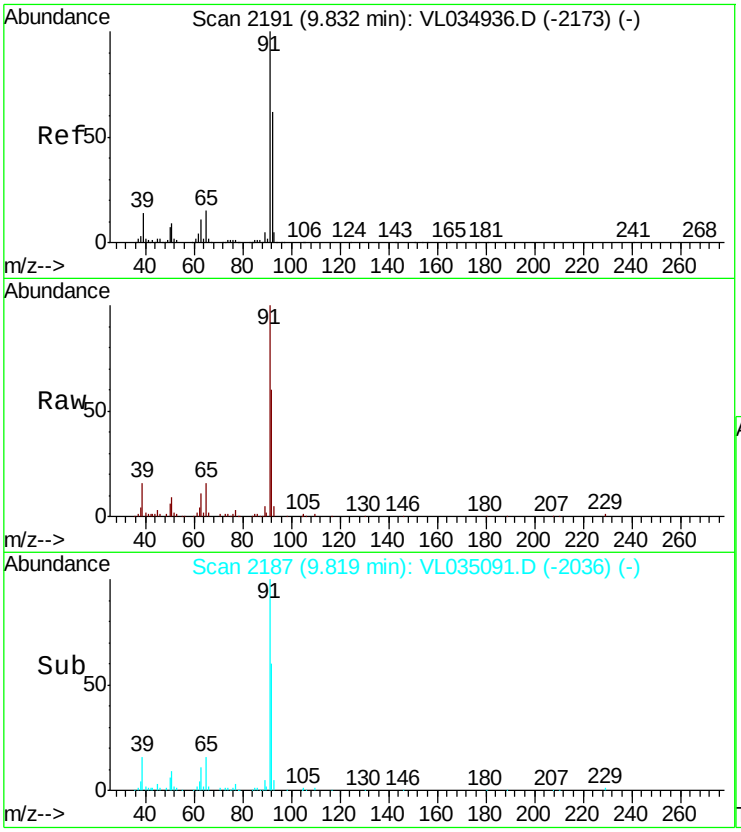


#39
1,2-Dichloropropane
Concen: 8.236 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.46 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 63 Resp: 601786

Ion	Ratio	Lower	Upper
63	100		
41	0.1	57.8	86.8#
62	18.1	54.2	81.2#



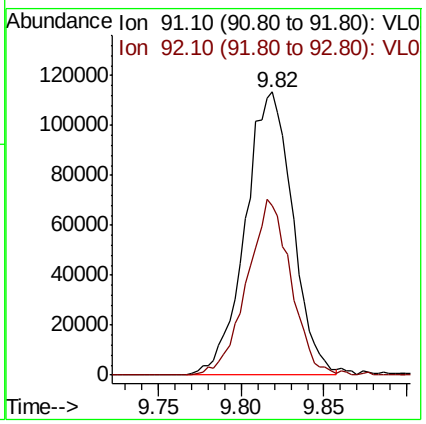


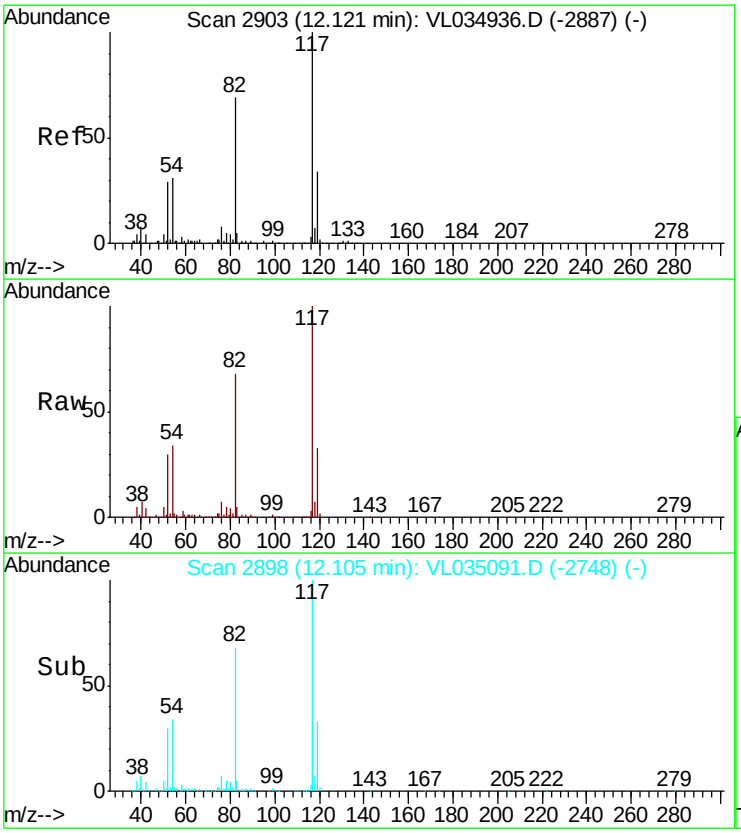
#53
Toluene
Concen: 1.163 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 224722

Ion	Ratio	Lower	Upper
91	100		
92	57.7	48.6	73.0

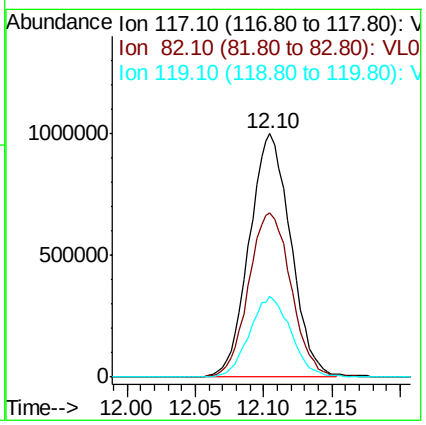


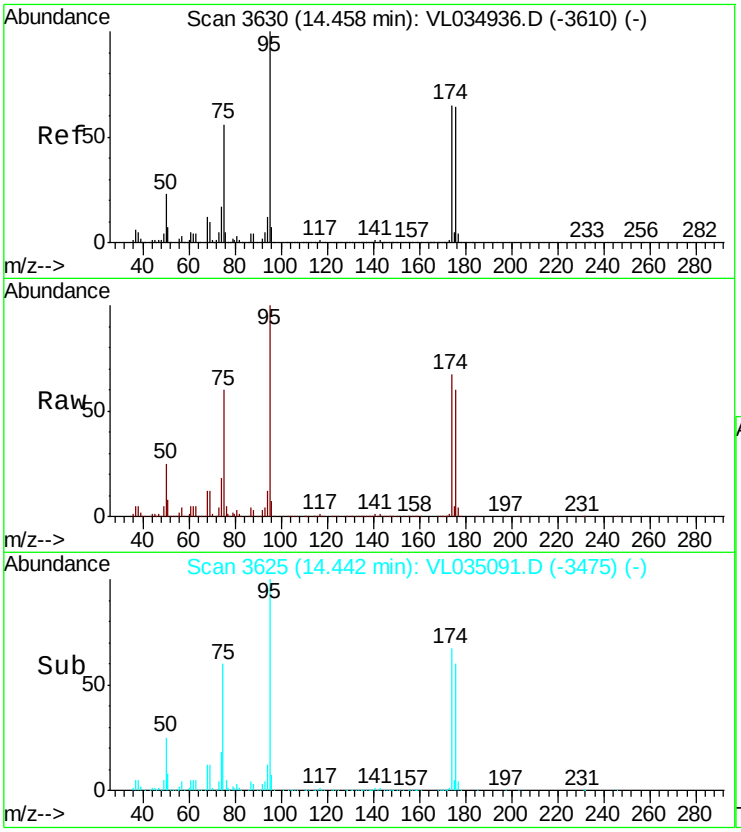


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion:117 Resp: 2104912

Ion	Ratio	Lower	Upper
117	100		
82	69.6	53.1	79.7
119	32.9	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.243 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1745154

Ion	Ratio	Lower	Upper
95	100		
174	65.9	51.5	77.3
175	4.8	3.8	5.8