Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051920\
Data File : VL035046.D
Acq On : 19 May 2020 16:21
Operator : SY/AP
Sample : L2683-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 20 04:44:57 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	5.64	49	1113630	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	2547564	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.10	117	2352403	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	1997405	10.49	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	42566	0.269	ppbv		91
3) Chlorodifluoromethane	2.94	51	74304	0.584	ppbv	#	88
4) Chloromethane	3.09	50	35910	0.493	ppbv	#	87
9) Propene	2.98	41	44280	0.803	ppbv	#	73
11) Trichlorofluoromethane	3.91	101	40992	0.252	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.45	101	5517	0.048	ppbv	#	14
13) Ethanol	3.56	45	235567	12.939	ppbv		97
15) Acetone	3.81	43	851558	5.784	ppbv		100
16) 1,3-Butadiene	3.27	39	2522	0.040	ppbv	#	8
20) Methylene Chloride	4.31	84	127601	2.618	ppbv		94
23) Vinyl Acetate	5.04	43	11226	0.060	ppbv	#	64
25) Ethyl Acetate	5.66	43	111230	0.450	ppbv	#	79
26) Hexane	5.66	57	150875	1.407	ppbv	#	40
34) 2-Butanone	5.22	43	37500	0.237	ppbv		93
35) Carbon Tetrachloride	7.00	117	5170	0.032	ppbv	#	63
36) Benzene	6.88	78	9639	0.046	ppbv	#	90
39) 1,2-Dichloropropane	7.16	63	711626	8.452	ppbv	#	25
52) Tetrachloroethene	11.23	164	68581	0.918	ppbv		94
53) Toluene	9.81	91	344410	1.547	ppbv		97

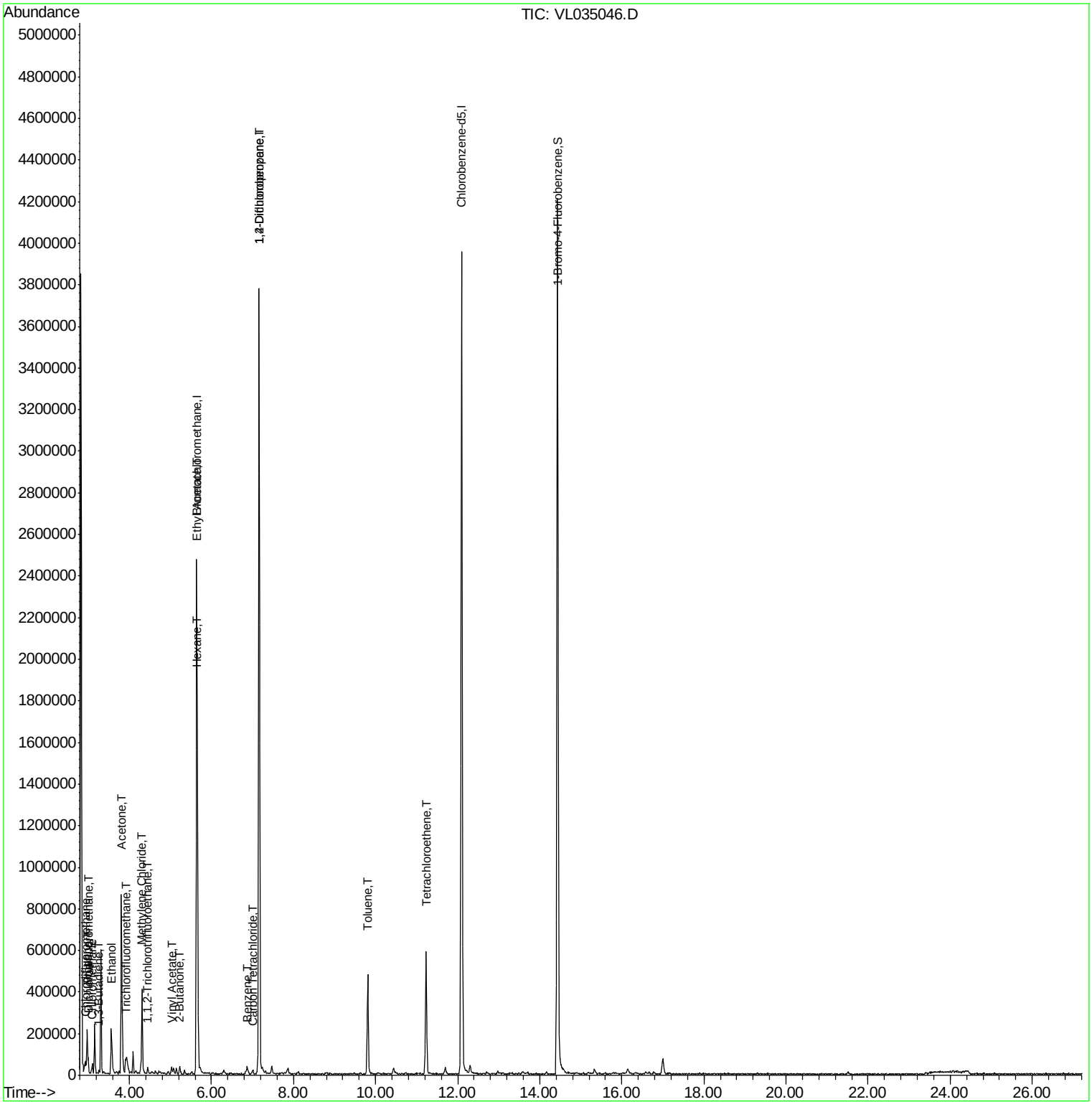
(#) = qualifier out of range (m) = manual integration (+) = signals summed

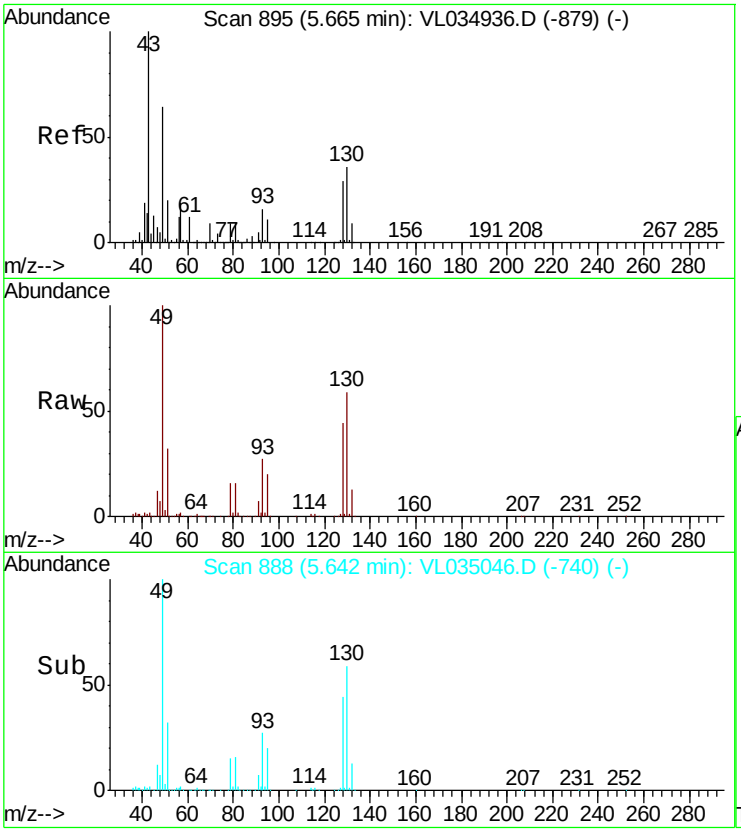
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051920\
Data File : VL035046.D
Acq On : 19 May 2020 16:21
Operator : SY/AP
Sample : L2683-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 20 04:44:57 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



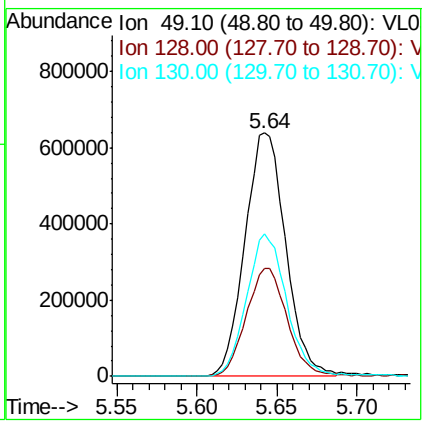


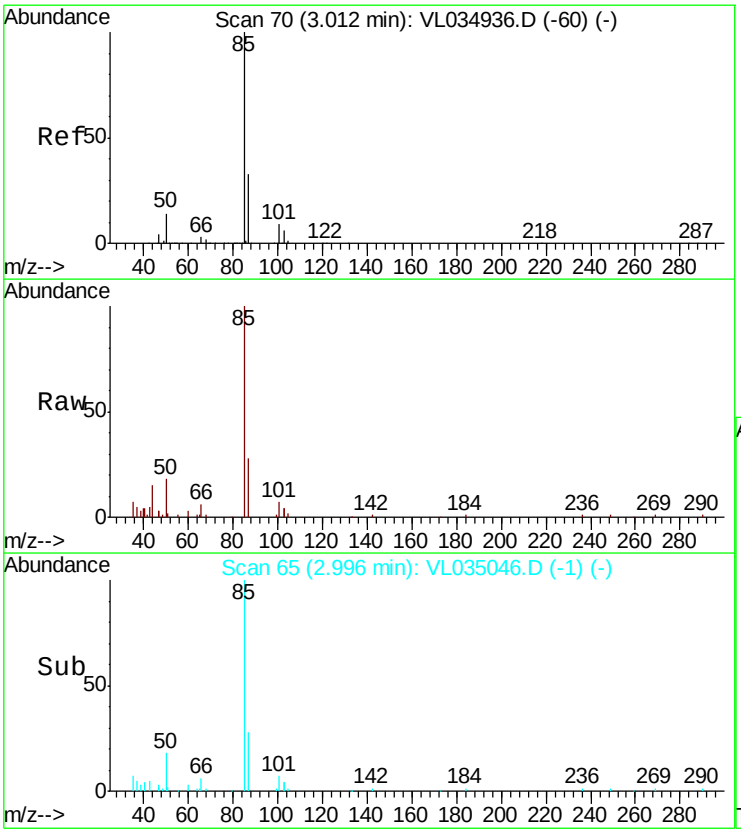
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1113630

Ion	Ratio	Lower	Upper
49	100		
128	44.7	22.1	66.5
130	58.3	29.1	87.3

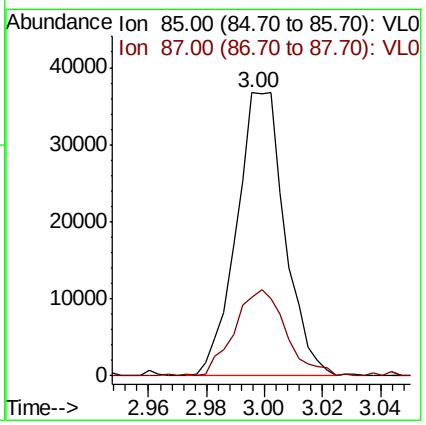


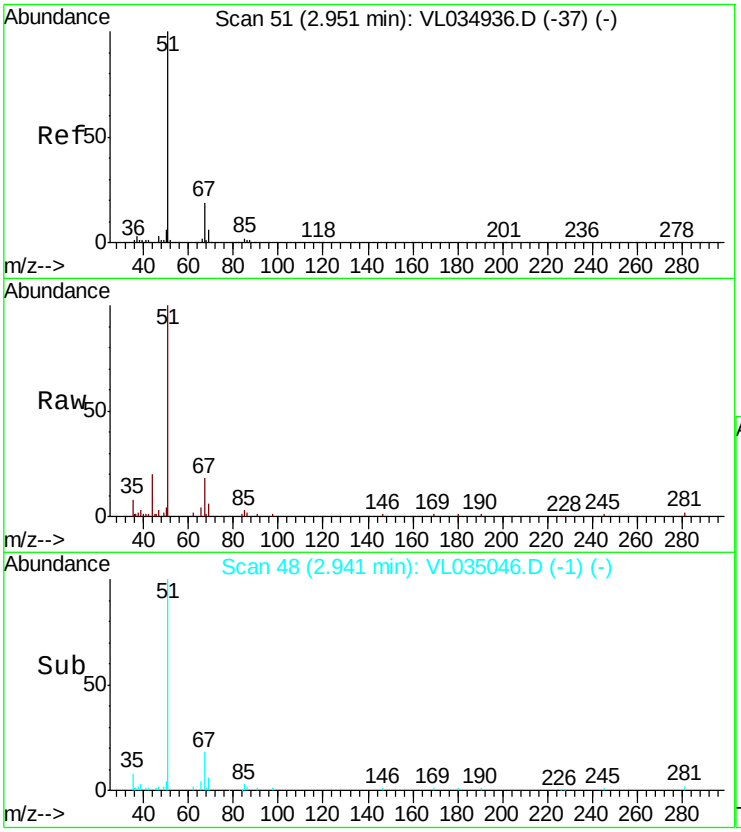


#2
Dichlorodifluoromethane
Concen: 0.269 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 85 Resp: 42566

Ion	Ratio	Lower	Upper
85	100		
87	27.8	26.2	39.2



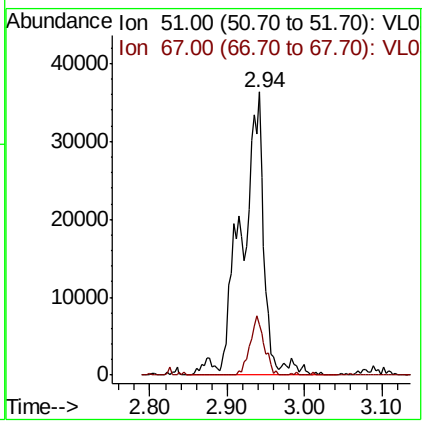


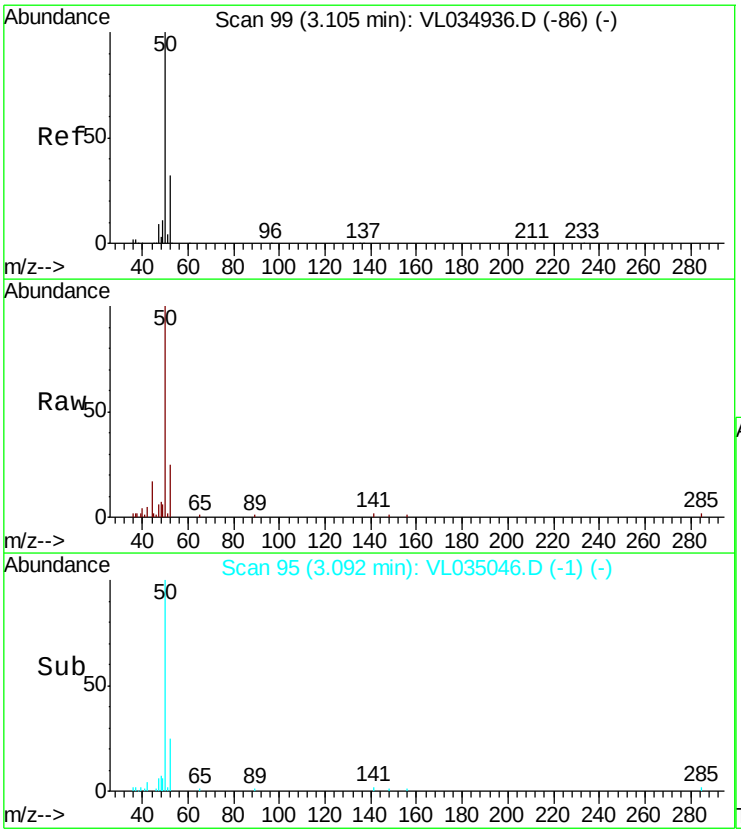
#3
Chlorodifluoromethane
Concen: 0.584 ppbv
RT: 2.94 min Scan# 48
Delta R.T. -0.01 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 74304

Ion	Ratio	Lower	Upper
51	100		
67	13.3	15.0	22.6#

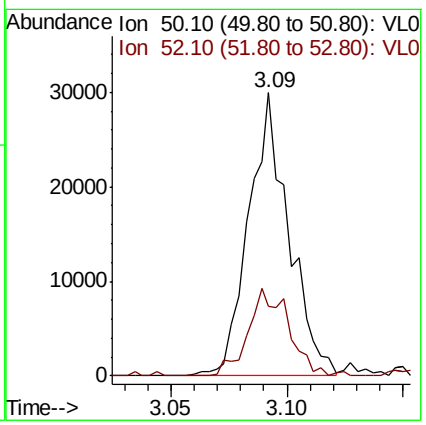


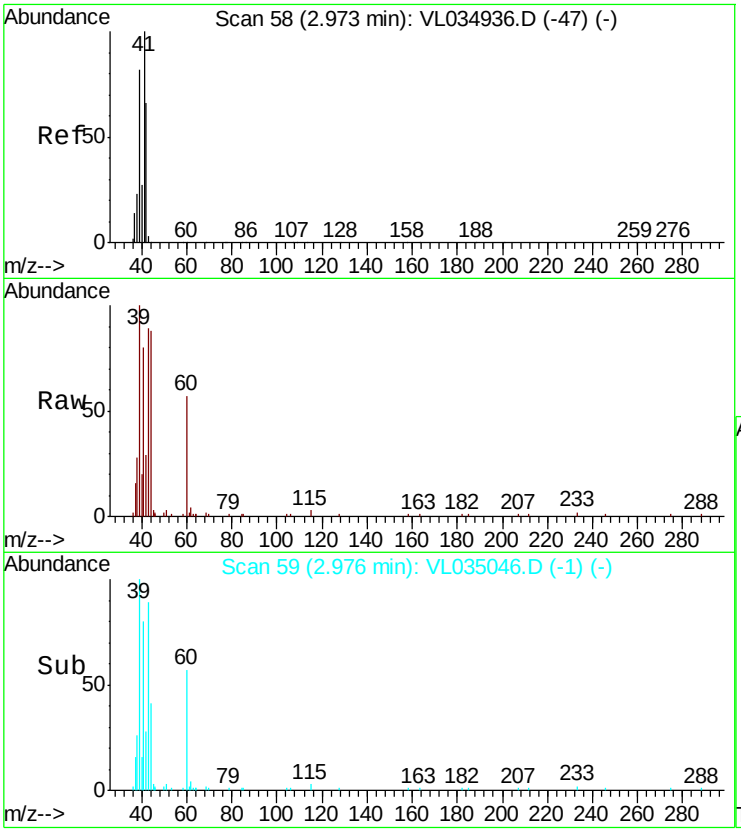


#4
Chloromethane
Concen: 0.493 ppbv
RT: 3.09 min Scan# 95
Delta R.T. -0.01 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 50 Resp: 35910

Ion	Ratio	Lower	Upper
50	100		
52	24.5	25.4	38.2#



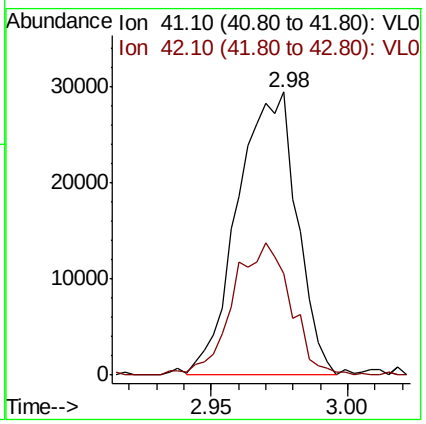


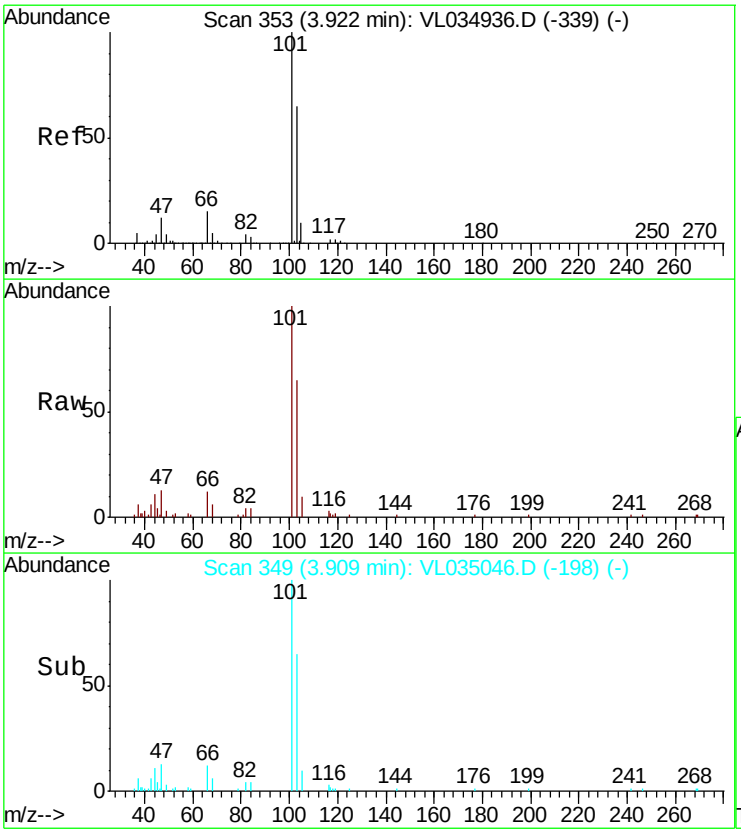
#9
Propene
Concen: 0.803 ppbv
RT: 2.98 min Scan# 59
Delta R.T. 0.00 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 44280

Ion	Ratio	Lower	Upper
41	100		
42	46.1	54.5	81.7#

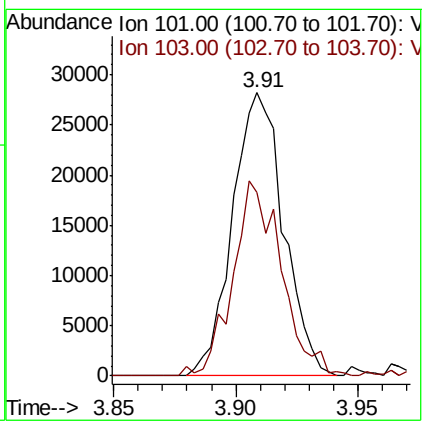


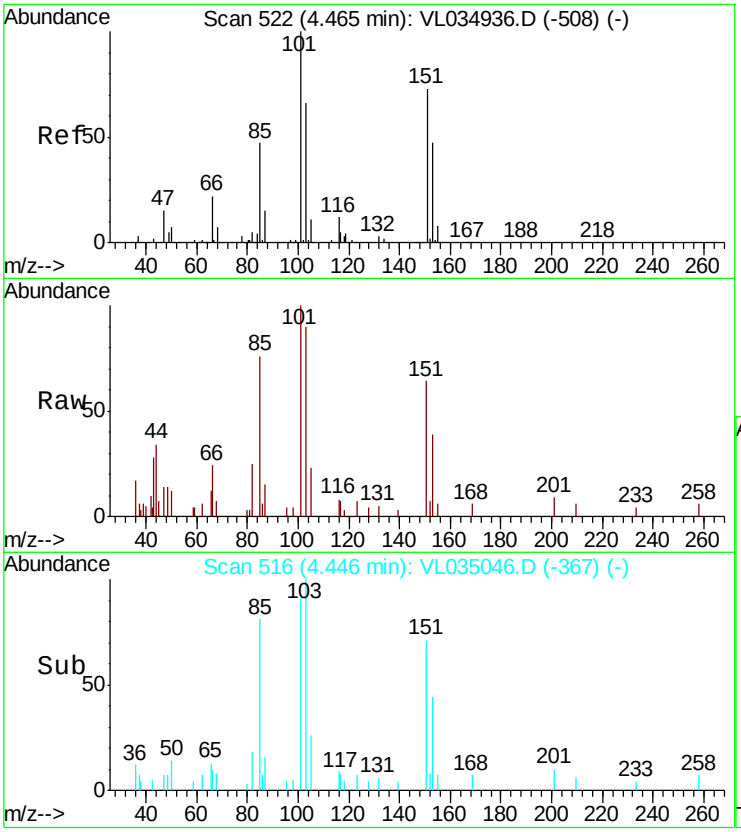


#11
Trichlorofluoromethane
Concen: 0.252 ppbv
RT: 3.91 min Scan# 349
Delta R.T. -0.01 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion:101 Resp: 40992

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.9	77.9



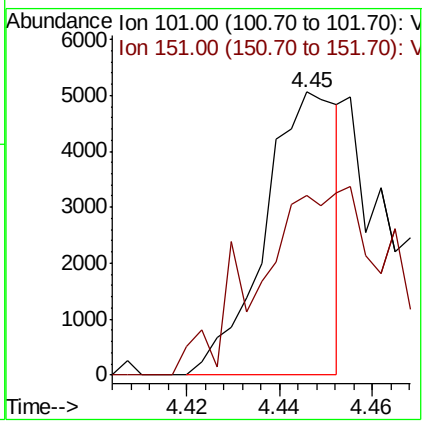


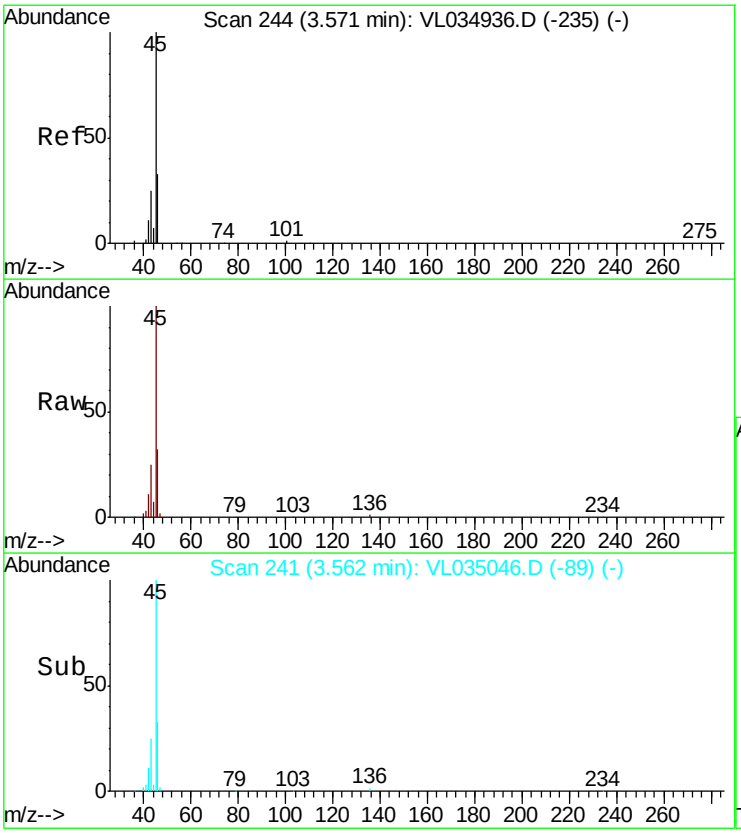
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.048 ppbv
RT: 4.45 min Scan# 516
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 5517

Ion	Ratio	Lower	Upper
101	100		
151	0.0	57.6	86.4#

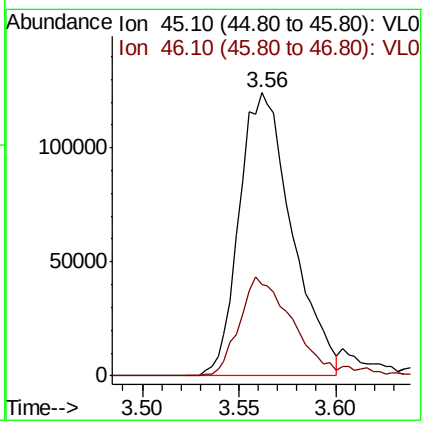


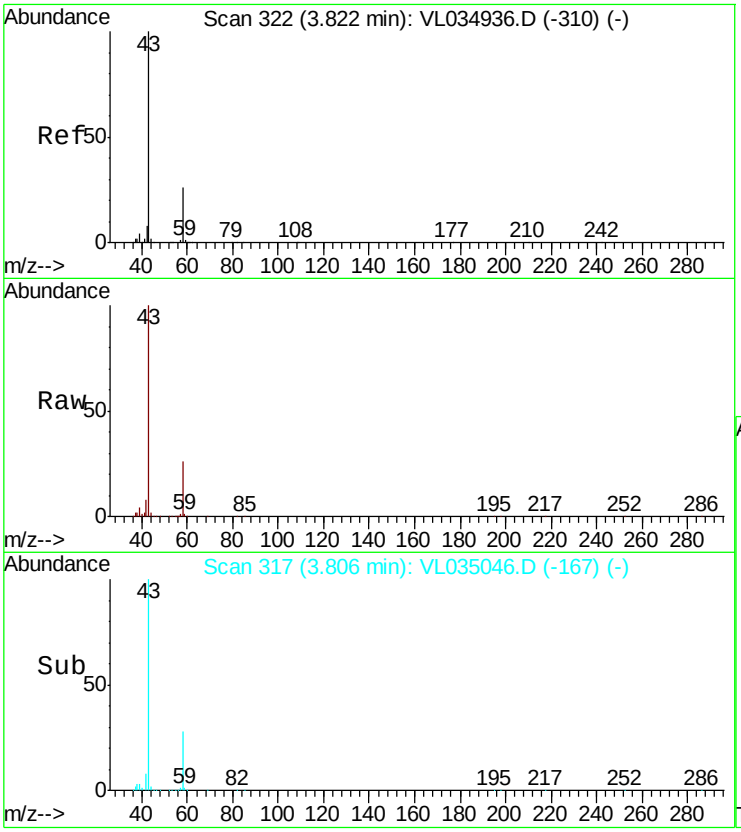


#13
Ethanol
Concen: 12.939 ppbv
RT: 3.56 min Scan# 241
Delta R.T. -0.01 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 45 Resp: 235567

Ion	Ratio	Lower	Upper
45	100		
46	37.5	14.3	57.3



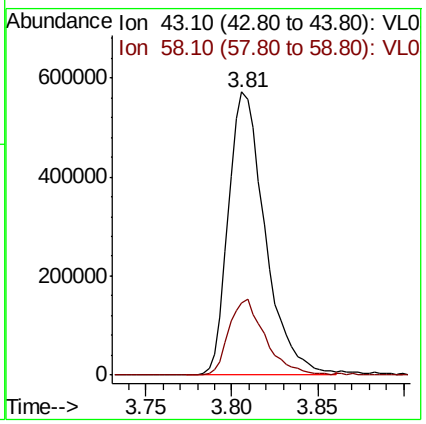


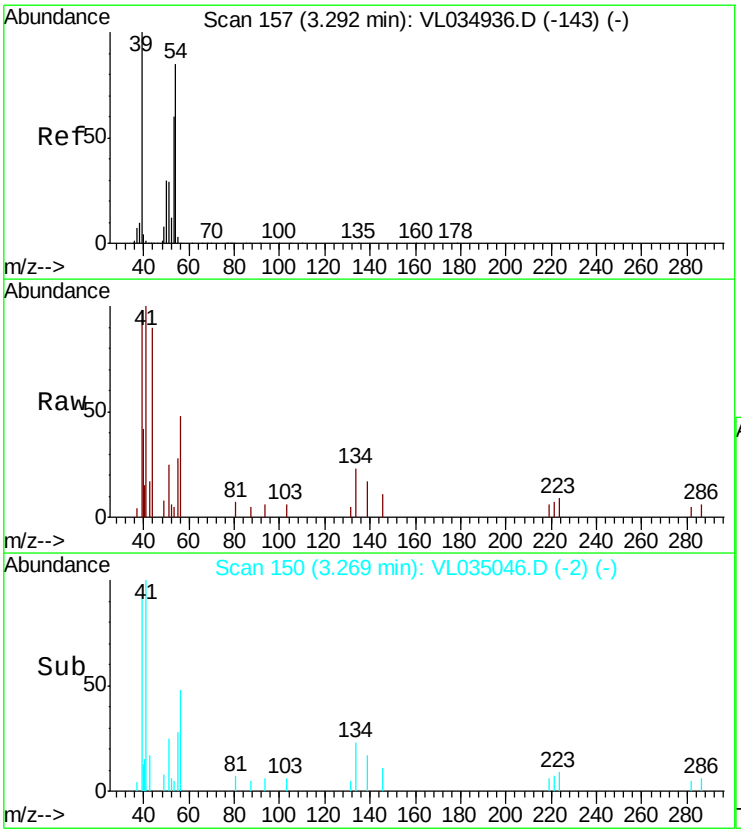
#15
Acetone
Concen: 5.784 ppbv
RT: 3.81 min Scan# 317
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 851558

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.7	32.5

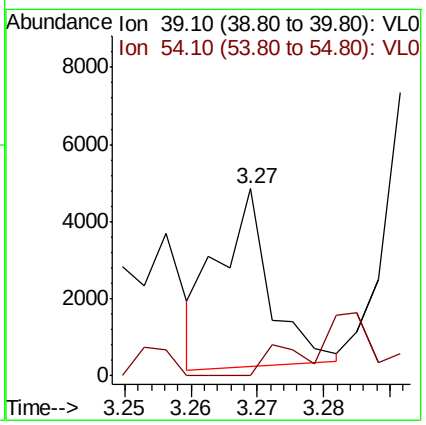


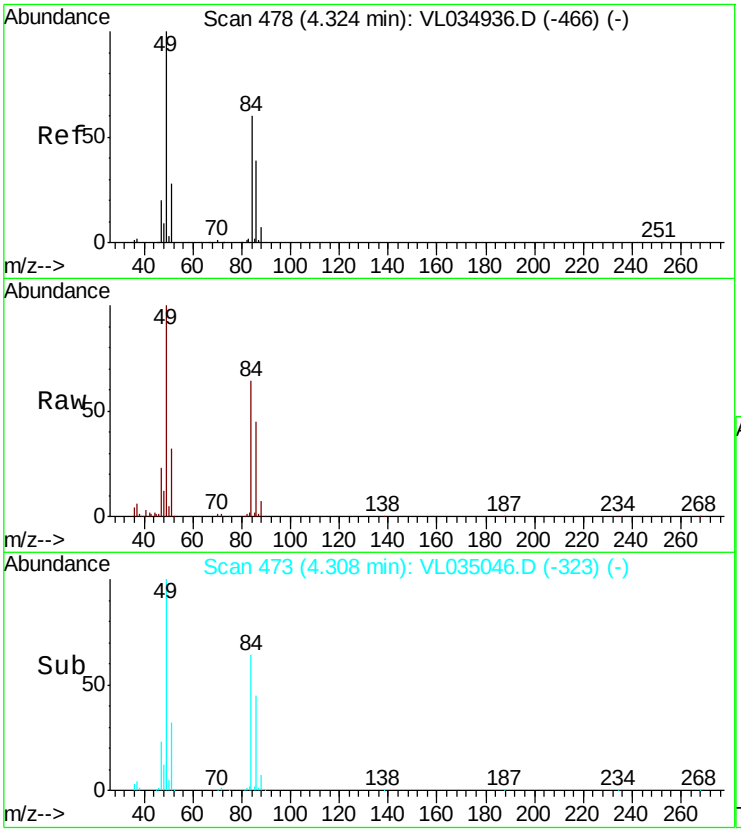


#16
1,3-Butadiene
Concen: 0.040 ppbv
RT: 3.27 min Scan# 150
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 39 Resp: 2522

Ion	Ratio	Lower	Upper
39	100		
54	0.0	66.6	100.0#



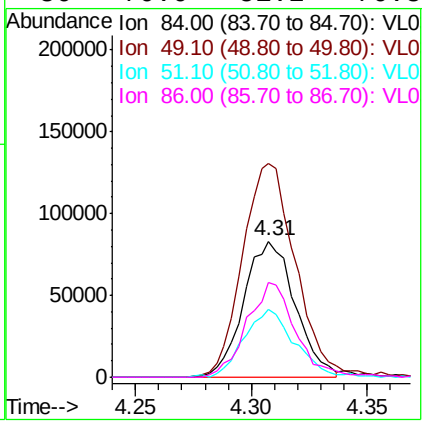


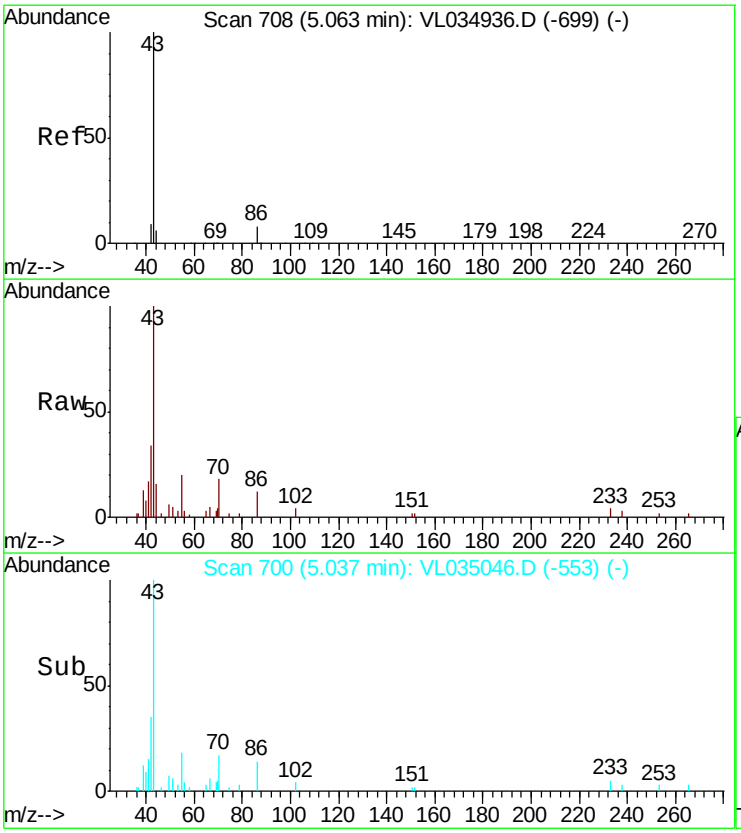
#20
Methylene Chloride
Concen: 2.618 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 127601

Ion	Ratio	Lower	Upper
84	100		
49	156.7	132.5	198.7
51	50.2	38.4	57.6
86	70.0	51.2	76.8

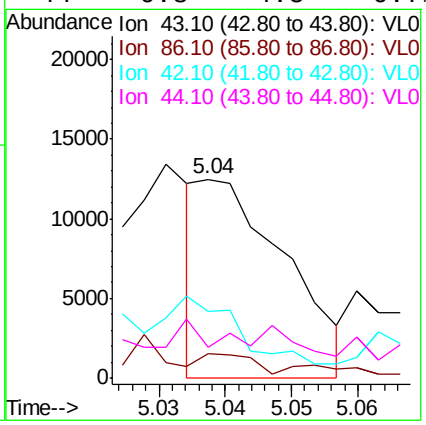


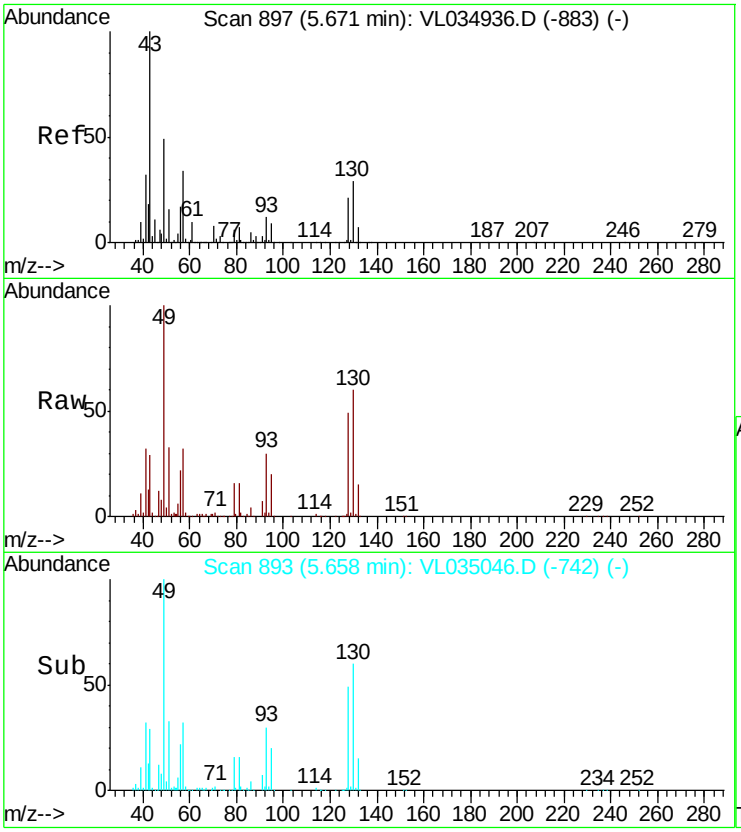


#23
Vinyl Acetate
Concen: 0.060 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 43 Resp: 11226

Ion	Ratio	Lower	Upper
43	100		
86	10.9	5.5	8.3#
42	36.2	8.0	12.0#
44	6.8	4.5	6.7#



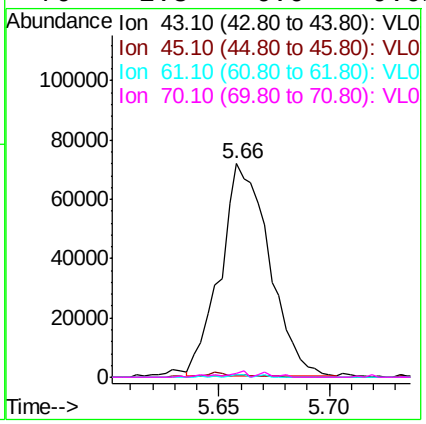


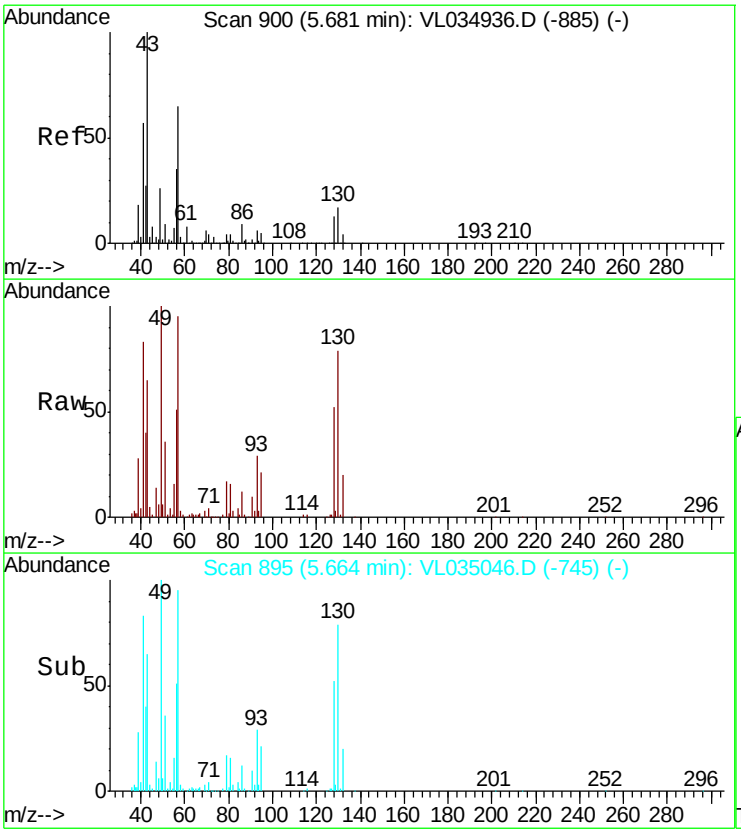
#25
Ethyl Acetate
Concen: 0.450 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 111230

Ion	Ratio	Lower	Upper
43	100		
45	1.8	8.1	12.1#
61	0.8	7.8	11.8#
70	2.3	6.0	9.0#

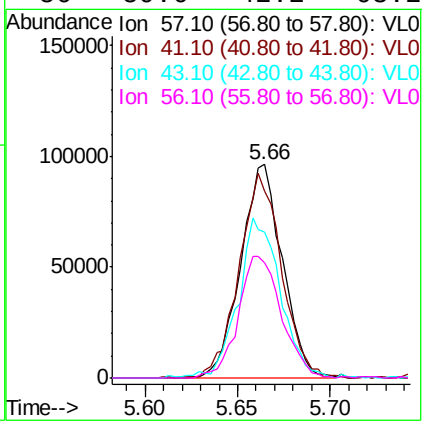


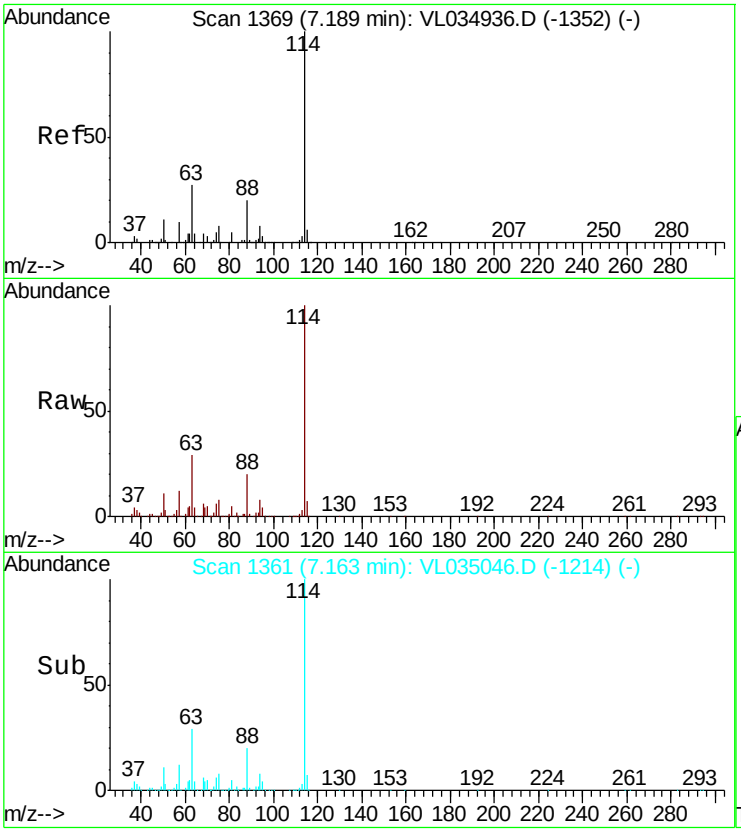


#26
Hexane
Concen: 1.407 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 57 Resp: 150875

Ion	Ratio	Lower	Upper
57	100		
41	97.8	72.7	109.1
43	76.4	182.1	273.1#
56	59.6	42.2	63.2



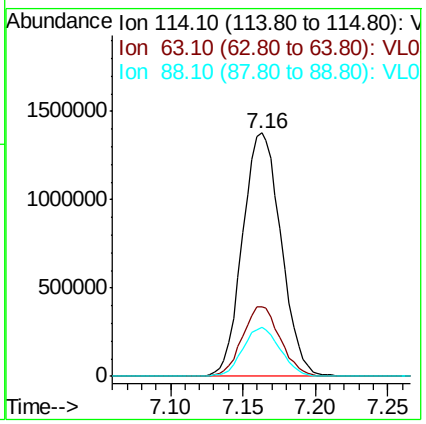


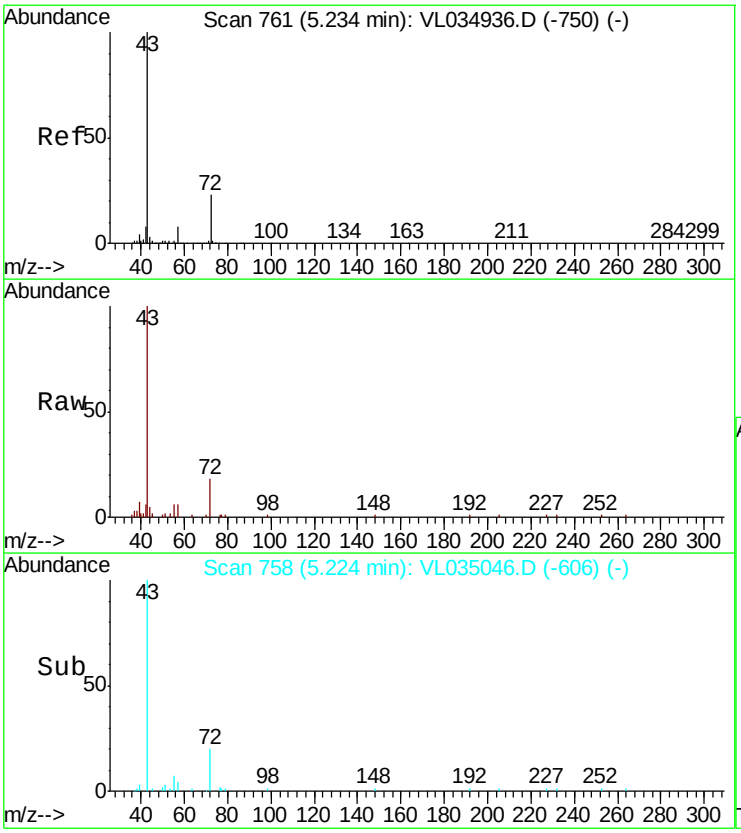
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2547564

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.2	33.4
88	19.7	15.5	23.3

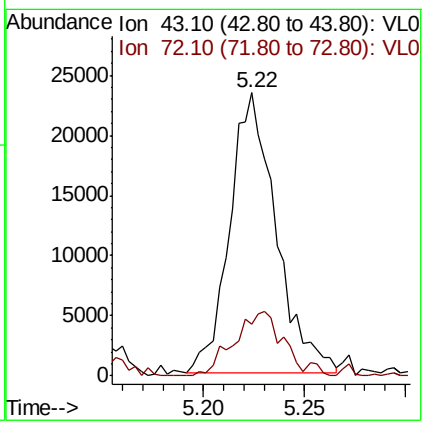


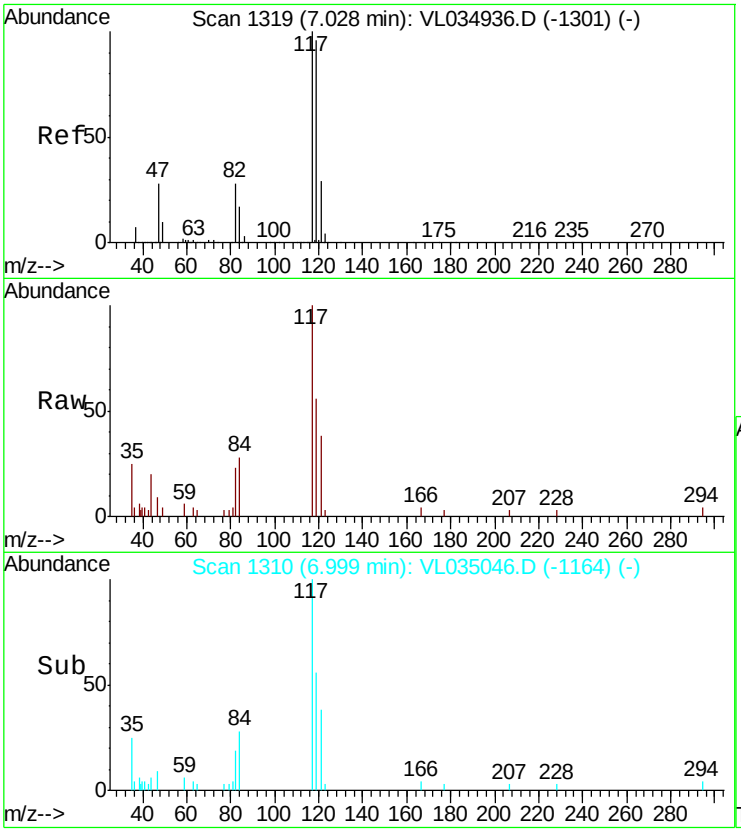


#34
2-Butanone
Concen: 0.237 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.01 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 43 Resp: 37500

Ion	Ratio	Lower	Upper
43	100		
72	25.6	18.0	27.0



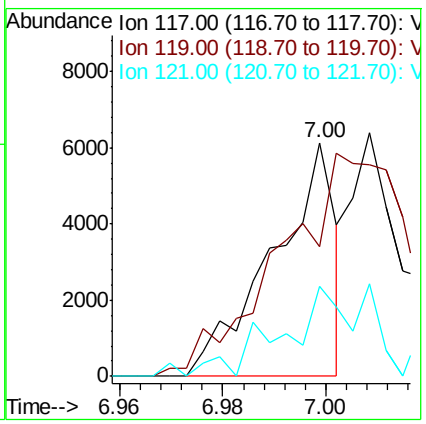


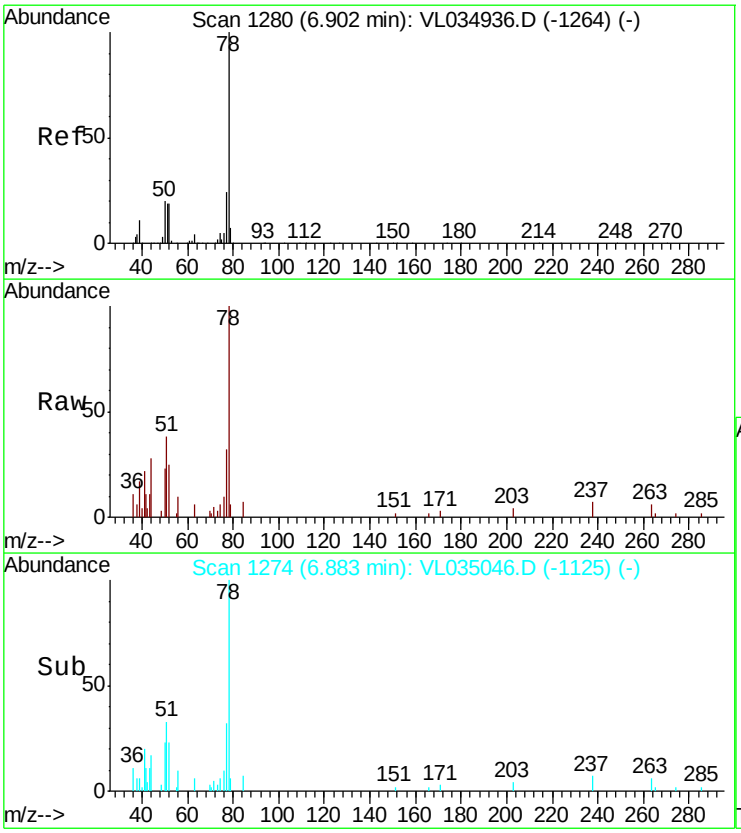
#35
Carbon Tetrachloride
Concen: 0.032 ppbv
RT: 7.00 min Scan# 1310
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 5170

Ion	Ratio	Lower	Upper
117	100		
119	52.4	77.0	115.6#
121	34.9	23.0	34.6#

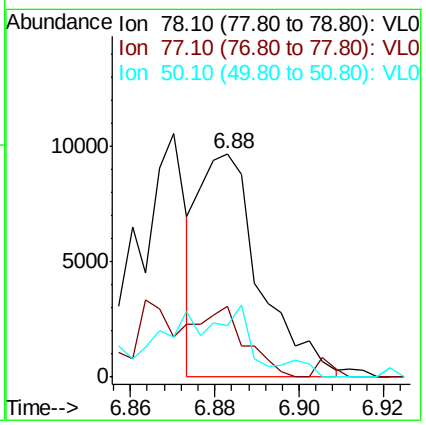


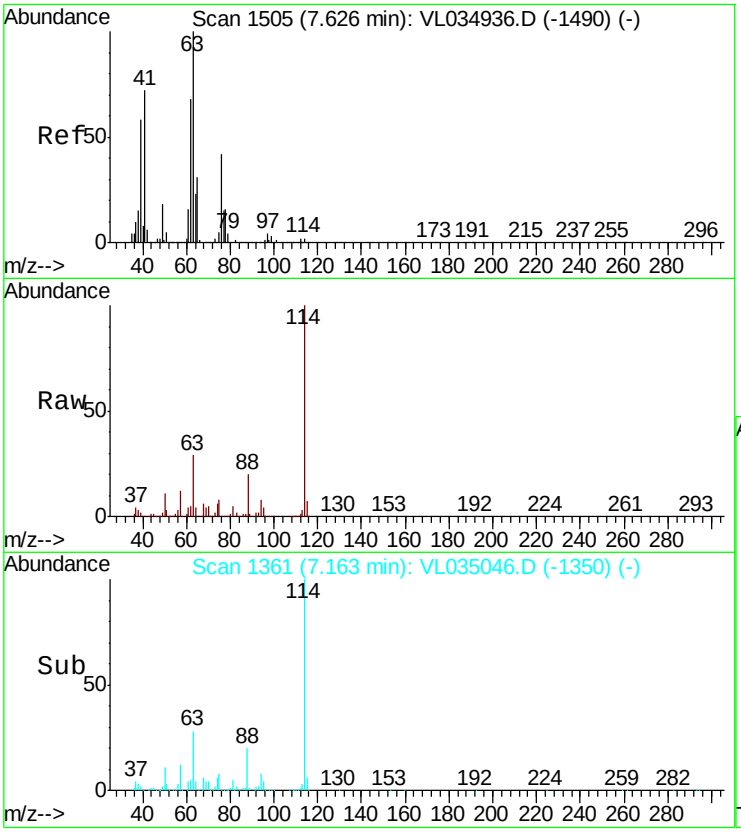


#36
Benzene
Concen: 0.046 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion: 78 Resp: 9639

Ion	Ratio	Lower	Upper
78	100		
77	29.3	19.0	28.6#
50	23.9	15.8	23.8#



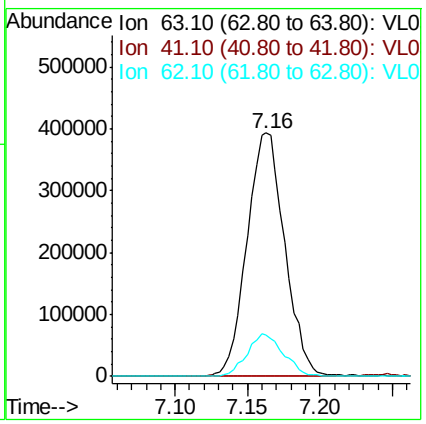


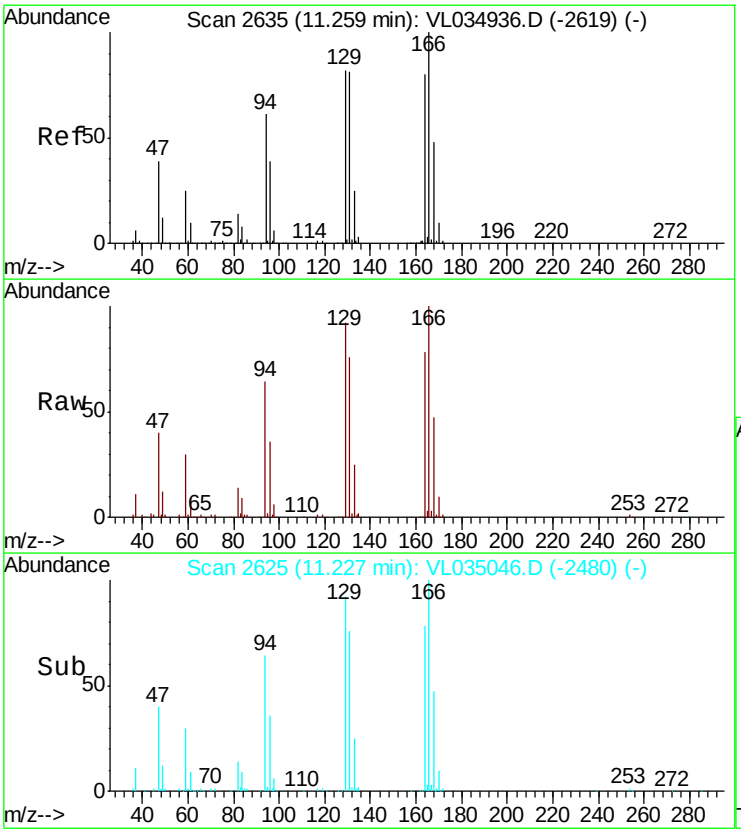
#39
1,2-Dichloropropane
Concen: 8.452 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 711626

Ion	Ratio	Lower	Upper
63	100		
41	0.0	57.8	86.8#
62	16.9	54.2	81.2#

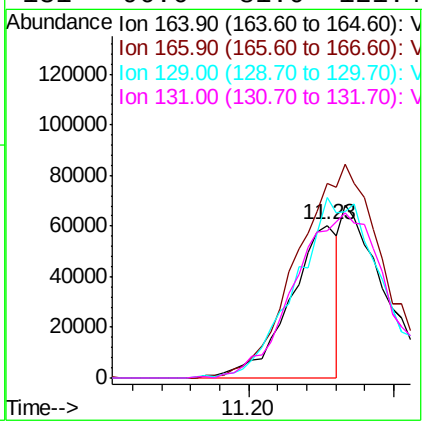


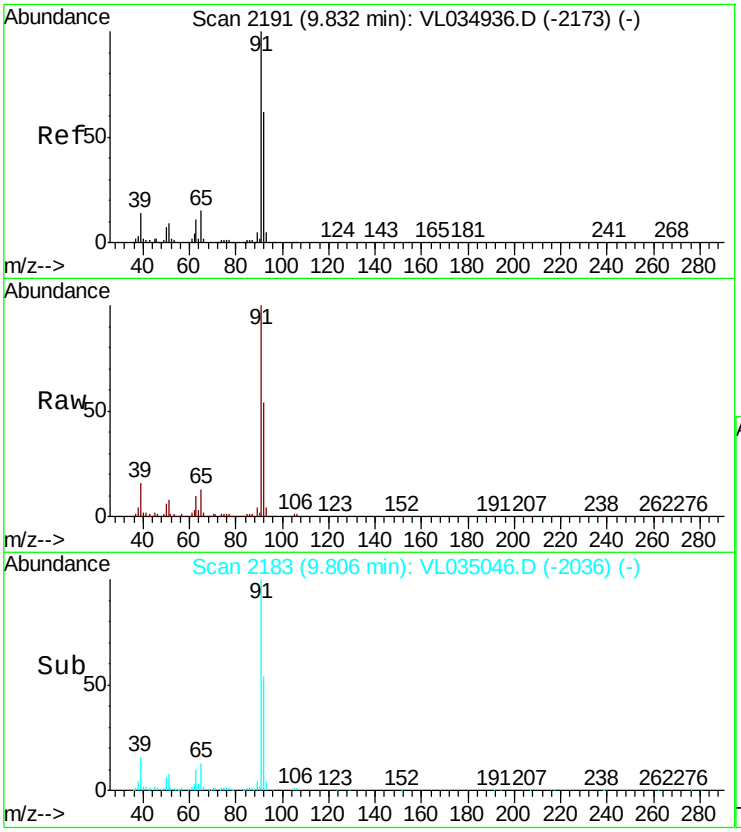


#52
Tetrachloroethene
Concen: 0.918 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion:164 Resp: 68581

Ion	Ratio	Lower	Upper
164	100		
166	127.4	100.7	151.1
129	118.1	83.0	124.4
131	96.6	81.0	121.4



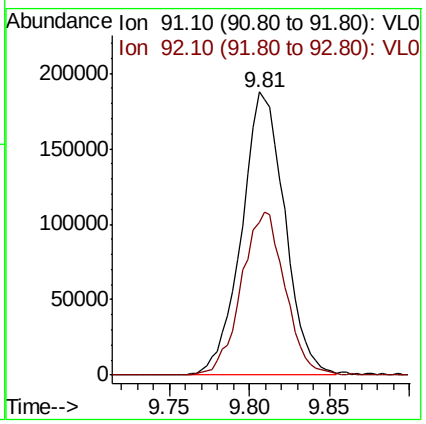


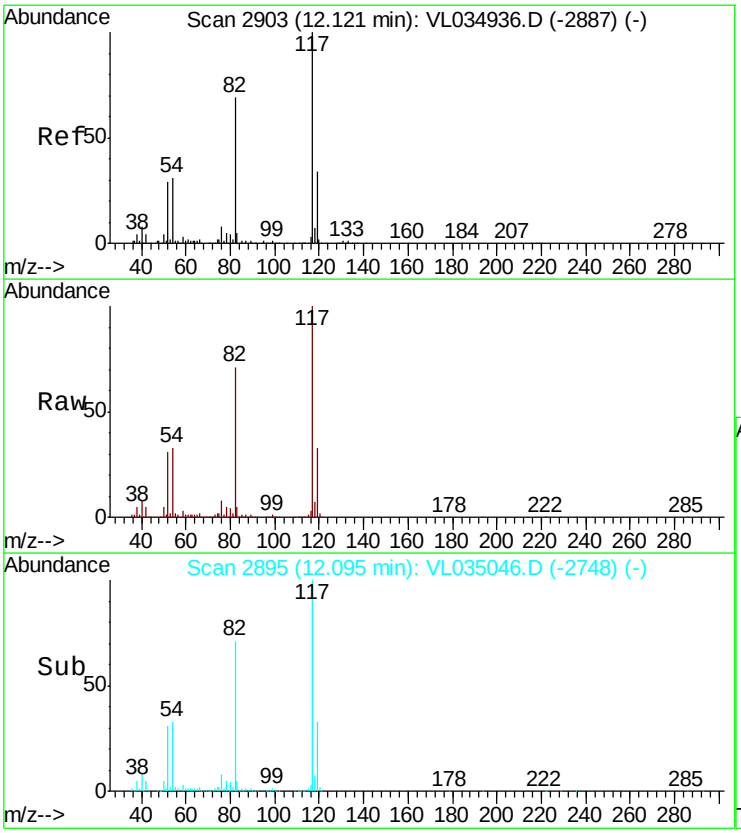
#53
Toluene
Concen: 1.547 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 344410

Ion	Ratio	Lower	Upper
91	100		
92	58.4	48.6	73.0

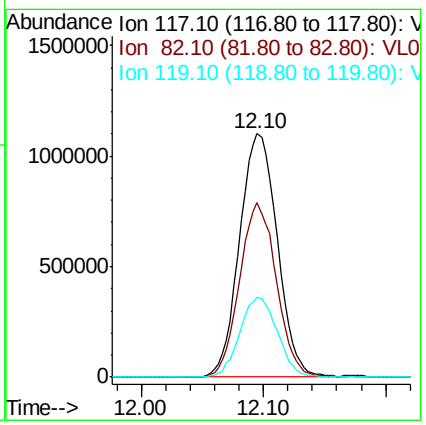


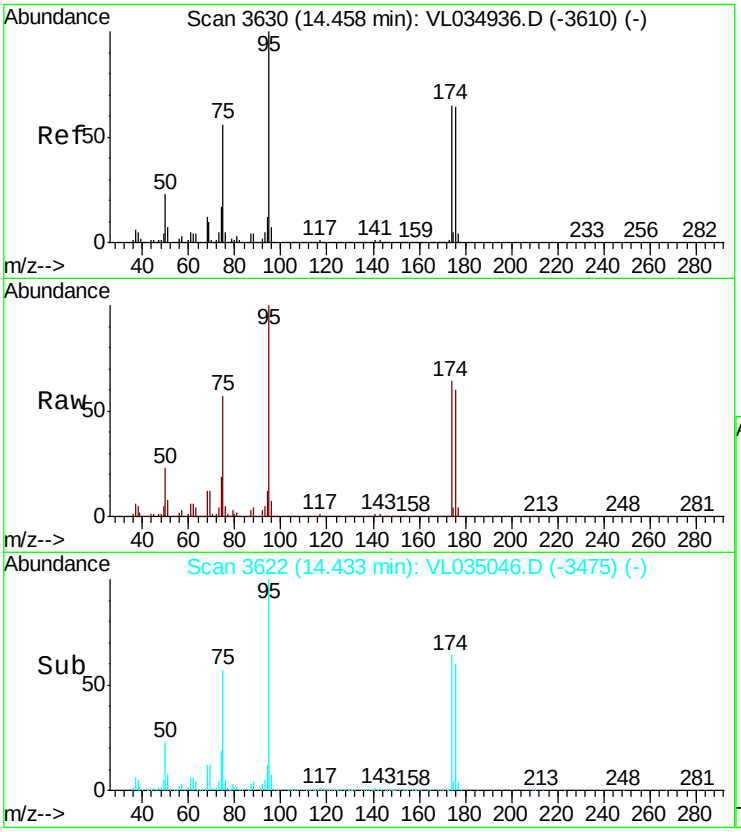


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Tgt Ion:117 Resp: 2352403

Ion	Ratio	Lower	Upper
117	100		
82	70.3	53.1	79.7
119	32.7	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.490 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035046.D
Acq: 19 May 2020 16:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1997405

Ion	Ratio	Lower	Upper
95	100		
174	64.3	51.5	77.3
175	4.8	3.8	5.8