Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035623.D
Acq On : 15 Sep 2020 7:19
Operator : SY/AP
Sample : L3983-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Sep 15 08:22:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	928909	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	4027136	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	3969541	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2959299	10.50	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	54723	0.340	ppbv		95
3) Chlorodifluoromethane	2.97	51	73978	0.720	ppbv	#	88
4) Chloromethane	3.12	50	44898	0.816	ppbv		99
9) Propene	3.00	41	29684	0.749	ppbv	#	82
11) Trichlorofluoromethane	3.93	101	58648	0.250	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.46	101	12787	0.072	ppbv		91
13) Ethanol	3.59	45	89940	9.159	ppbv		96
15) Acetone	3.83	43	690435	6.739	ppbv	#	84
16) 1,3-Butadiene	3.29	39	13849	0.363	ppbv	#	18
17) tert-Butyl alcohol	4.30	59	13173	0.106	ppbv	#	72
19) Isopropyl Alcohol	3.96	45	59106	0.967	ppbv	#	93
20) Methylene Chloride	4.32	84	168276	2.205	ppbv		96
23) Vinyl Acetate	5.05	43	5055	0.038	ppbv	#	34
25) Ethyl Acetate	5.67	43	35547	0.196	ppbv	#	83
26) Hexane	5.67	57	52650	0.513	ppbv	#	52
29) Chloroform	5.73	83	11326	0.054	ppbv		94
31) cis-1,2-Dichloroethene	5.53	61	20545	0.195	ppbv		93
34) 2-Butanone	5.23	43	111874	0.936	ppbv		99
36) Benzene	6.87	78	10603	0.041	ppbv		96
38) Trichloroethene	7.82	130	77221	0.510	ppbv		97
39) 1,2-Dichloropropane	7.16	63	727919	8.266	ppbv	#	32
44) 2,2,4-Trimethylpentane	7.85	57	56540	0.165	ppbv	#	85
52) Tetrachloroethene	11.21	164	547257	3.594	ppbv		99

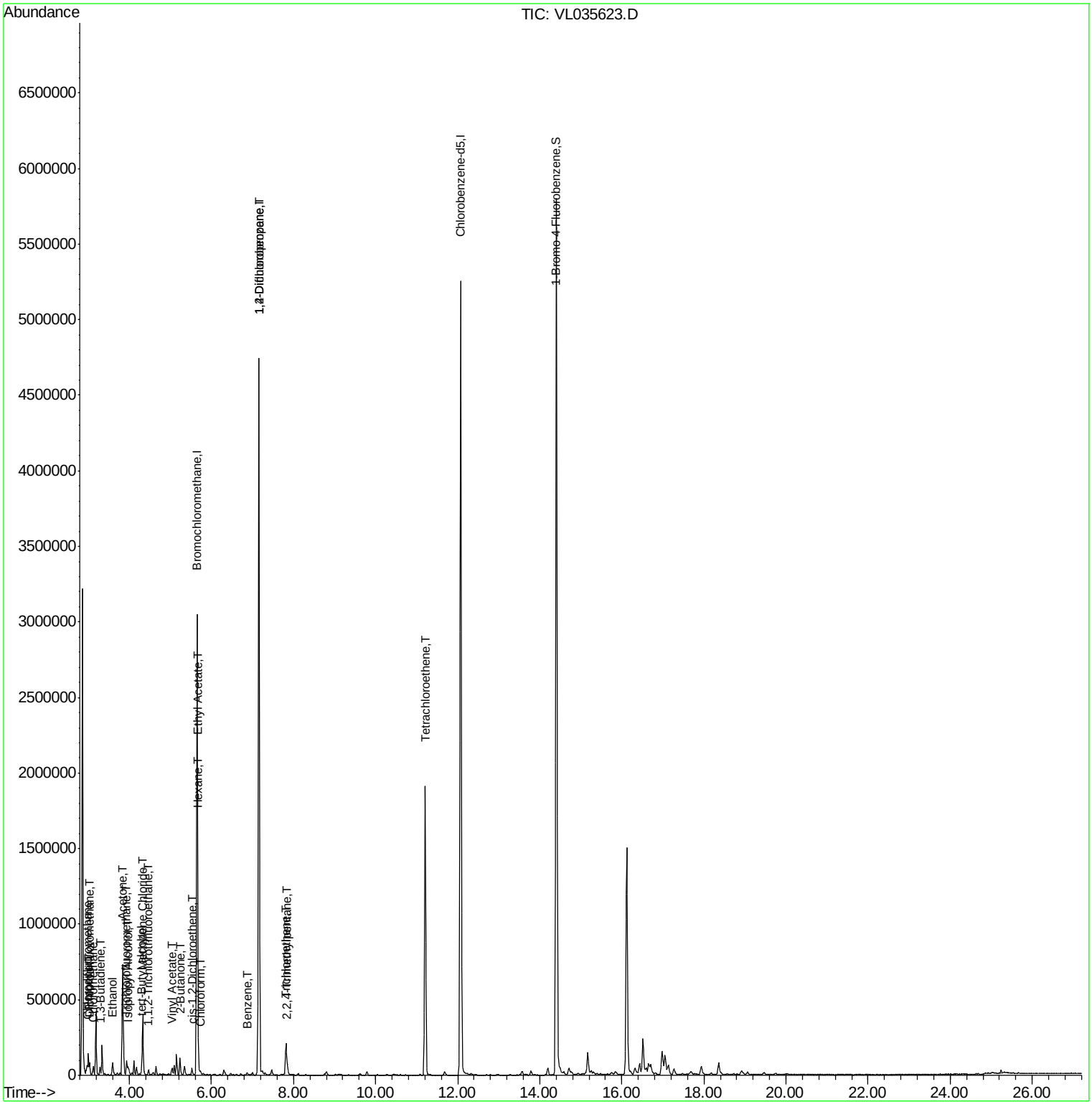
(#) = qualifier out of range (m) = manual integration (+) = signals summed

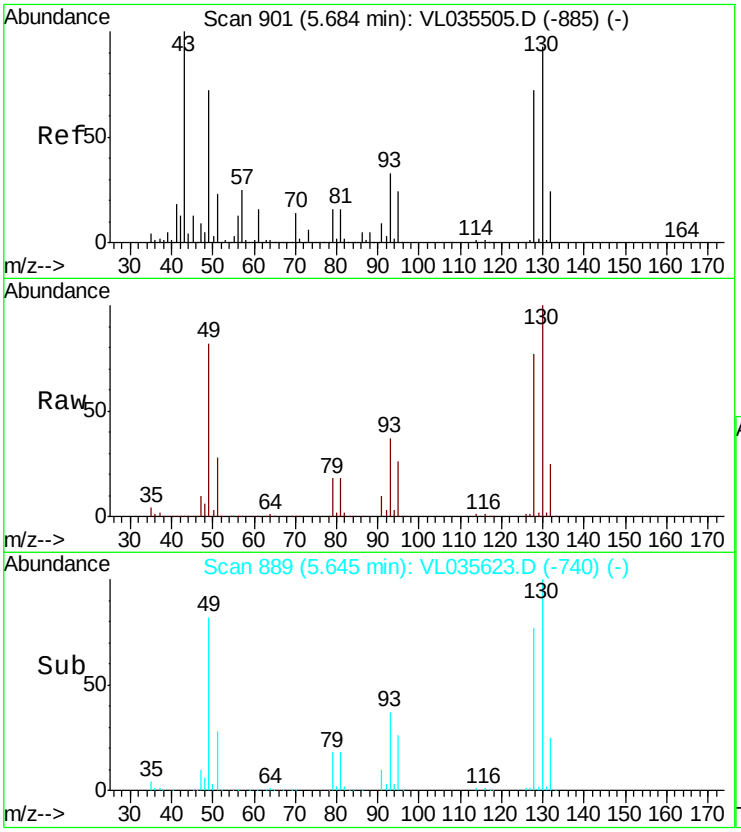
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035623.D
Acq On : 15 Sep 2020 7:19
Operator : SY/AP
Sample : L3983-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Sep 15 08:22:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration



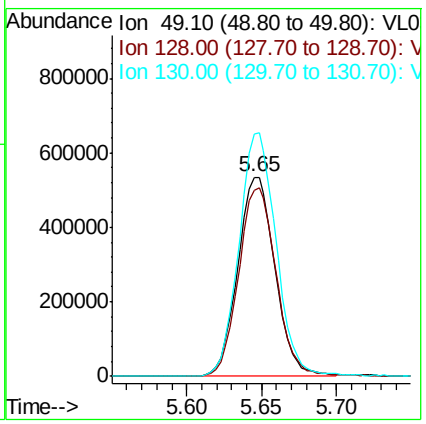


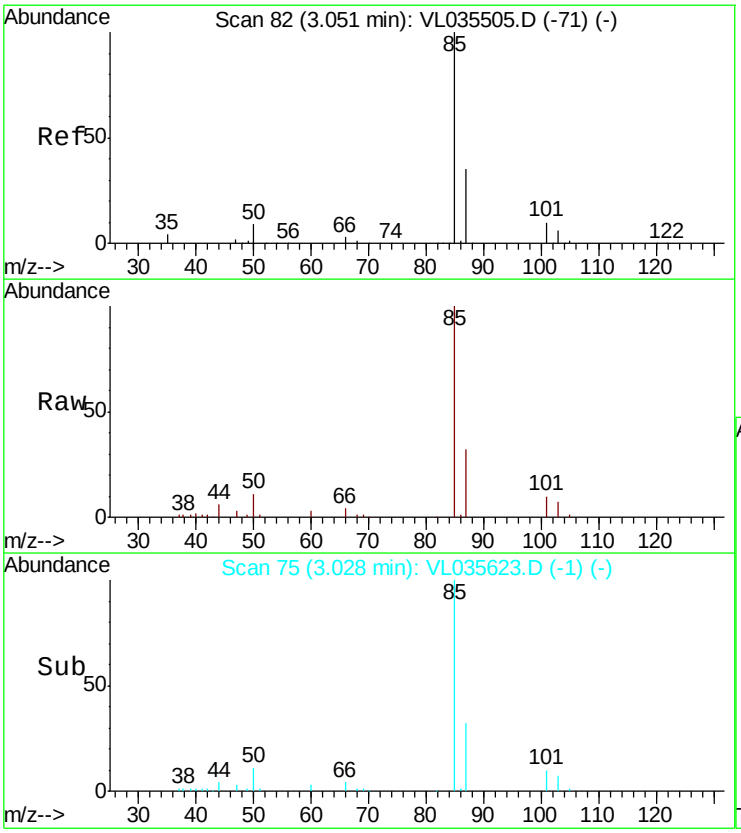
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 928909

Ion	Ratio	Lower	Upper
49	100		
128	96.0	50.0	150.1
130	122.4	64.4	193.2

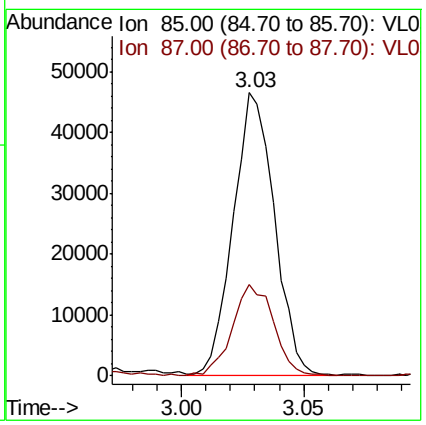


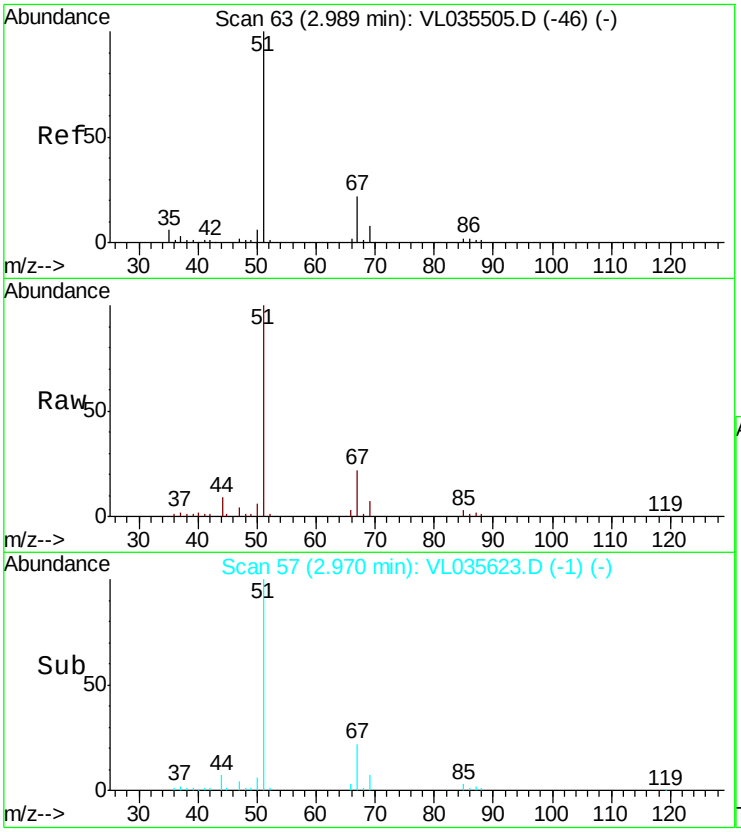


#2
Dichlorodifluoromethane
Concen: 0.340 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 85 Resp: 54723

Ion	Ratio	Lower	Upper
85	100		
87	32.3	28.0	42.0



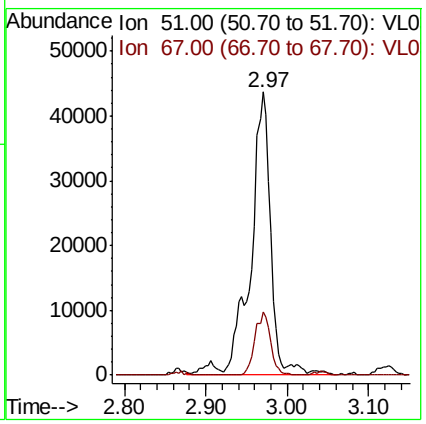


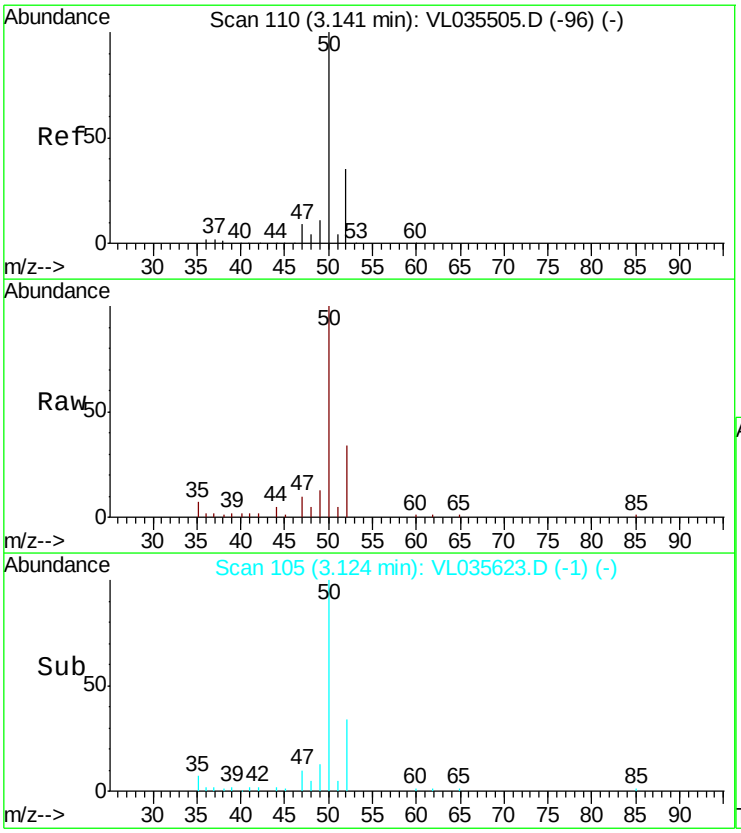
#3
Chlorodifluoromethane
Concen: 0.720 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 51 Resp: 73978

Ion	Ratio	Lower	Upper
51	100		
67	16.7	17.8	26.8#

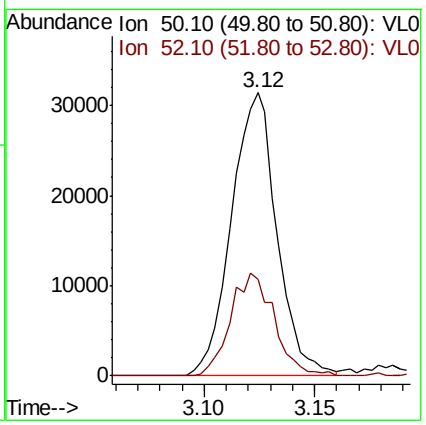


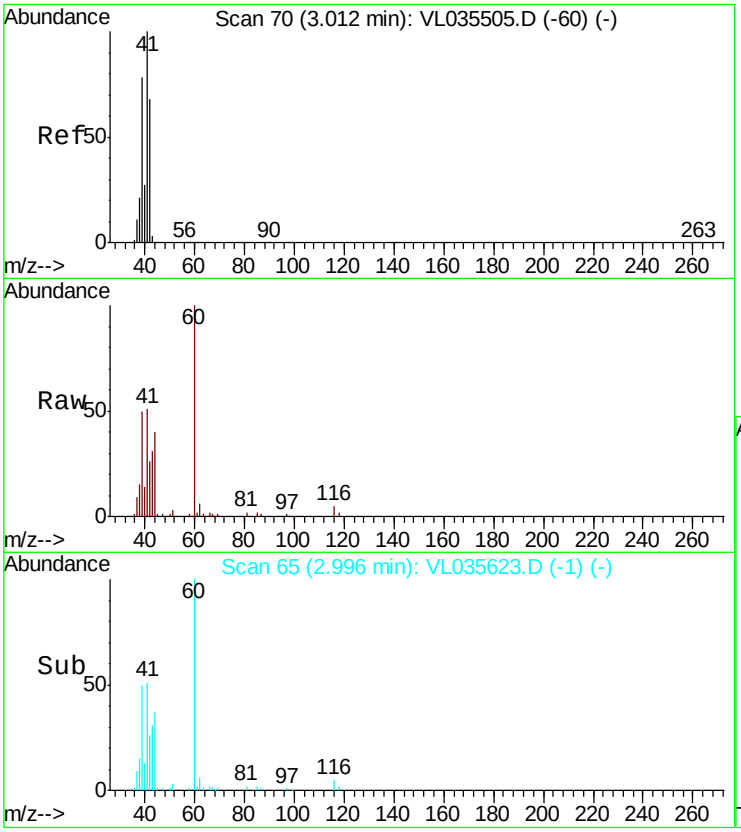


#4
Chloromethane
Concen: 0.816 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 50 Resp: 44898

Ion	Ratio	Lower	Upper
50	100		
52	34.3	27.7	41.5



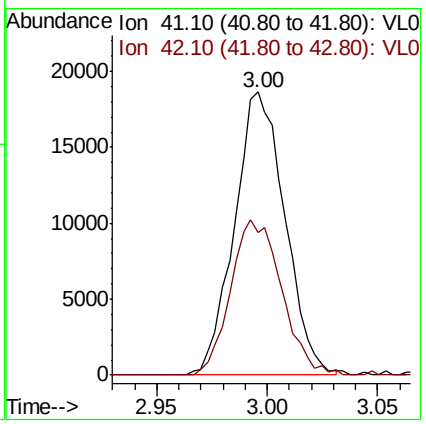


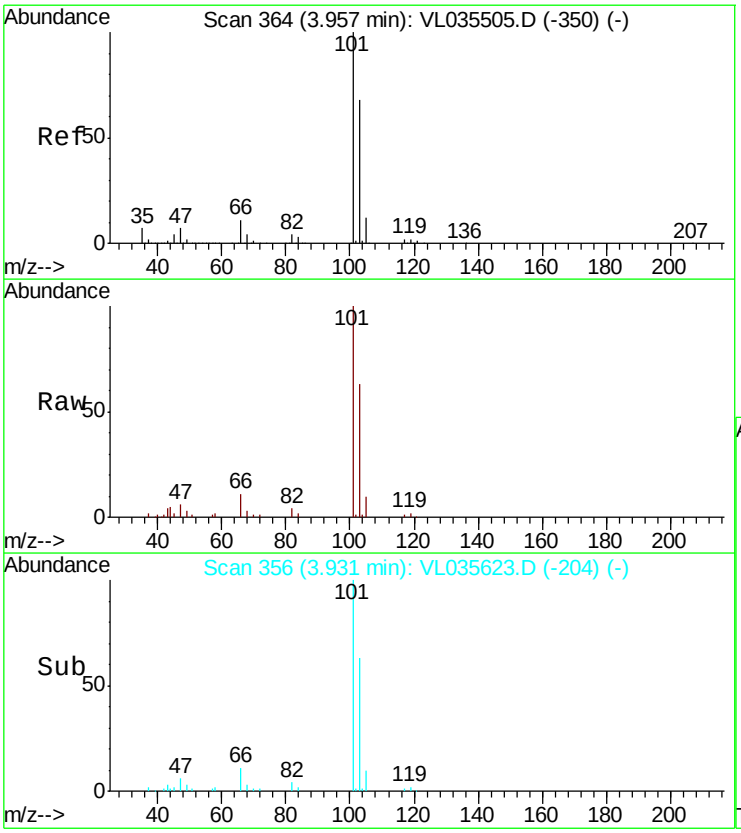
#9
Propene
Concen: 0.749 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.00 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 29684

Ion	Ratio	Lower	Upper
41	100		
42	55.4	56.3	84.5#

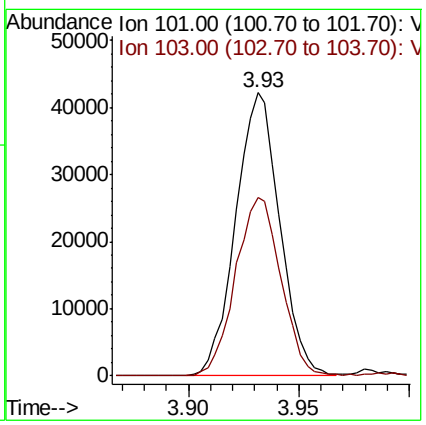


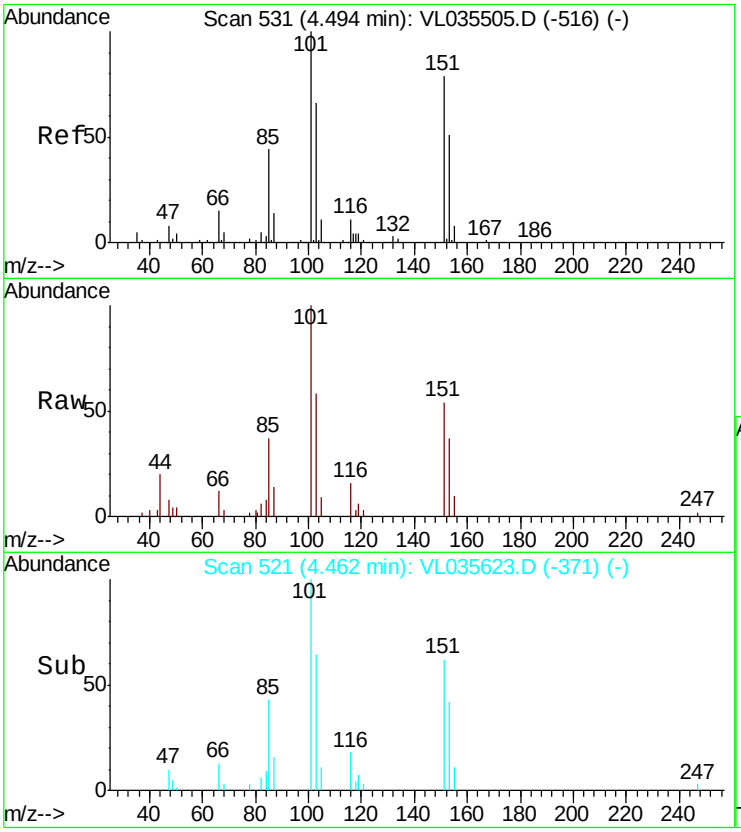


#11
Trichlorofluoromethane
Concen: 0.250 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion:101 Resp: 58648

Ion	Ratio	Lower	Upper
101	100		
103	63.0	54.5	81.7



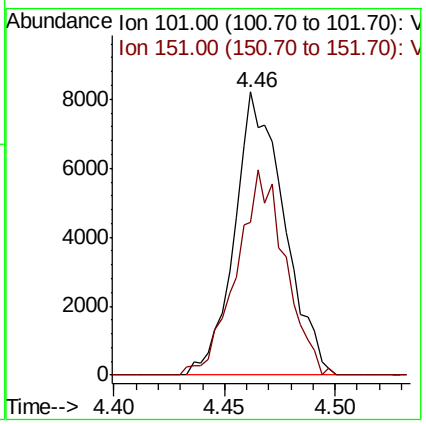


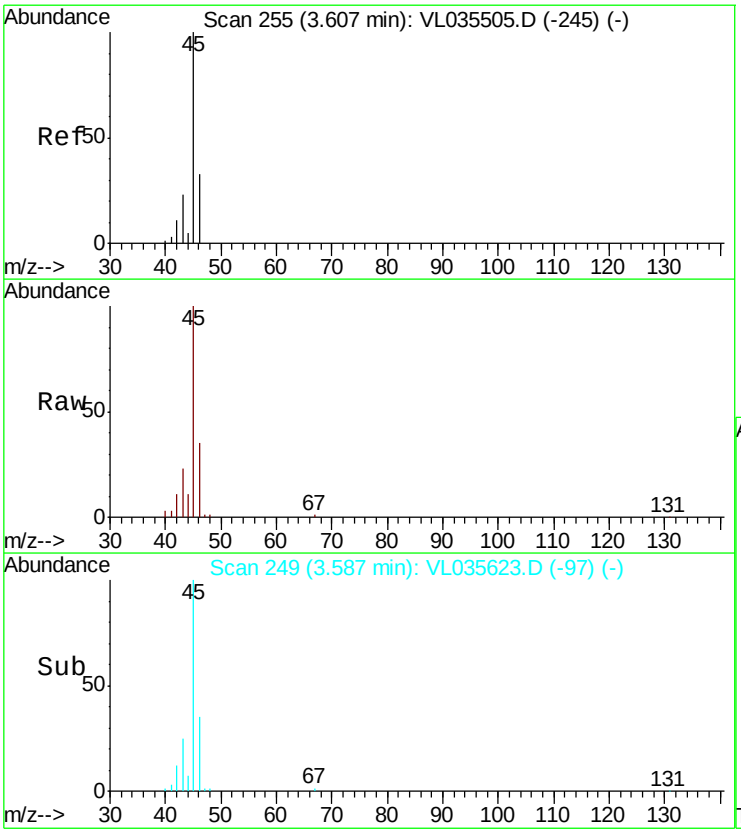
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.072 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:101 Resp: 12787

Ion	Ratio	Lower	Upper
101	100		
151	71.2	63.5	95.3

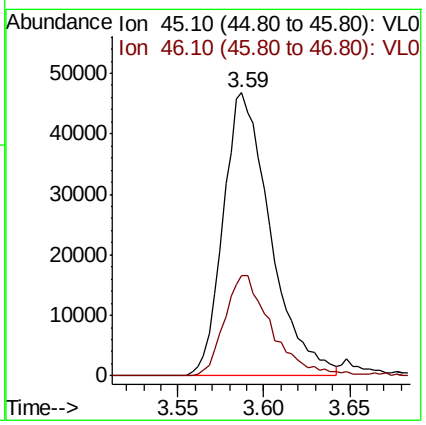


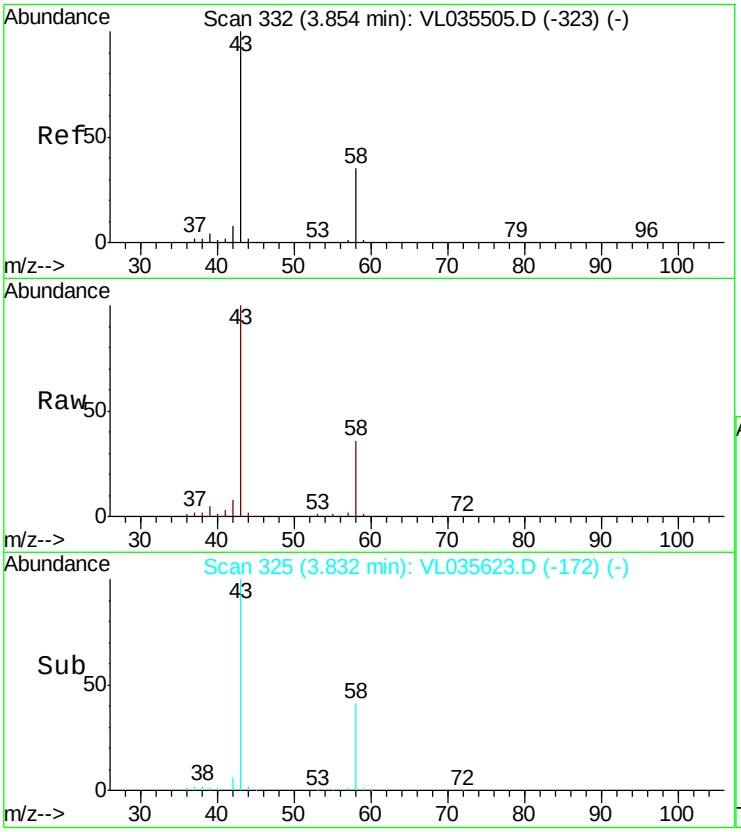


#13
Ethanol
Concen: 9.159 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 45 Resp: 89940

Ion	Ratio	Lower	Upper
45	100		
46	35.7	15.2	60.6



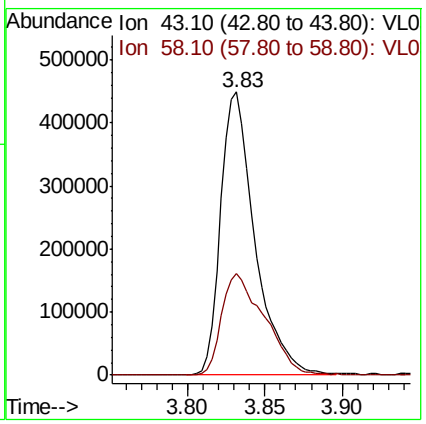


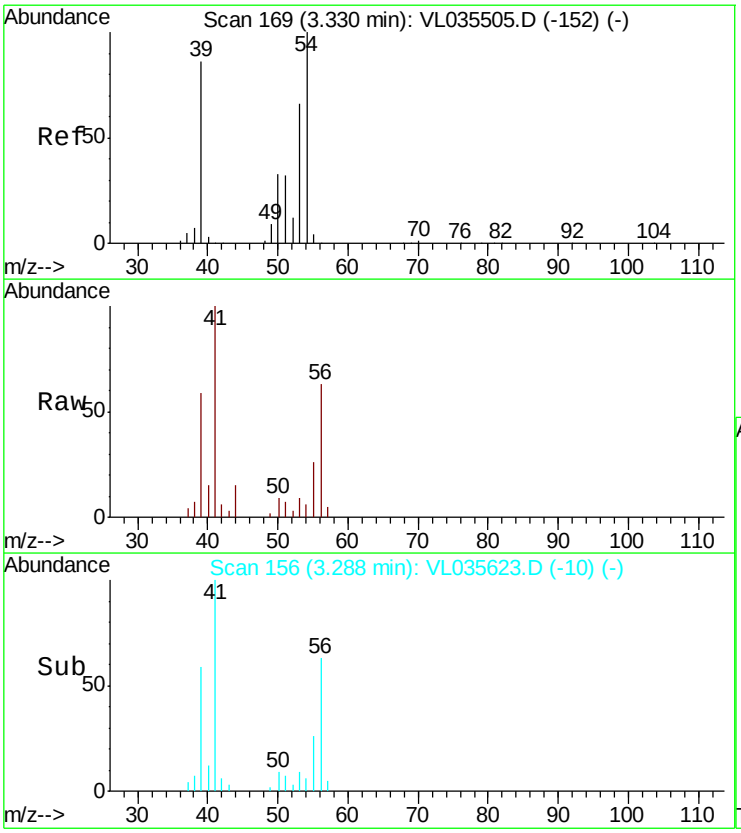
#15
Acetone
Concen: 6.739 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 690435

Ion	Ratio	Lower	Upper
43	100		
58	45.0	28.4	42.6#

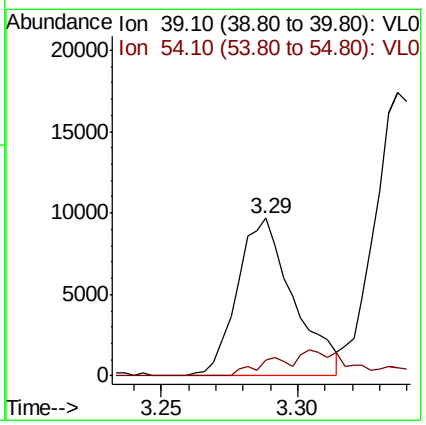


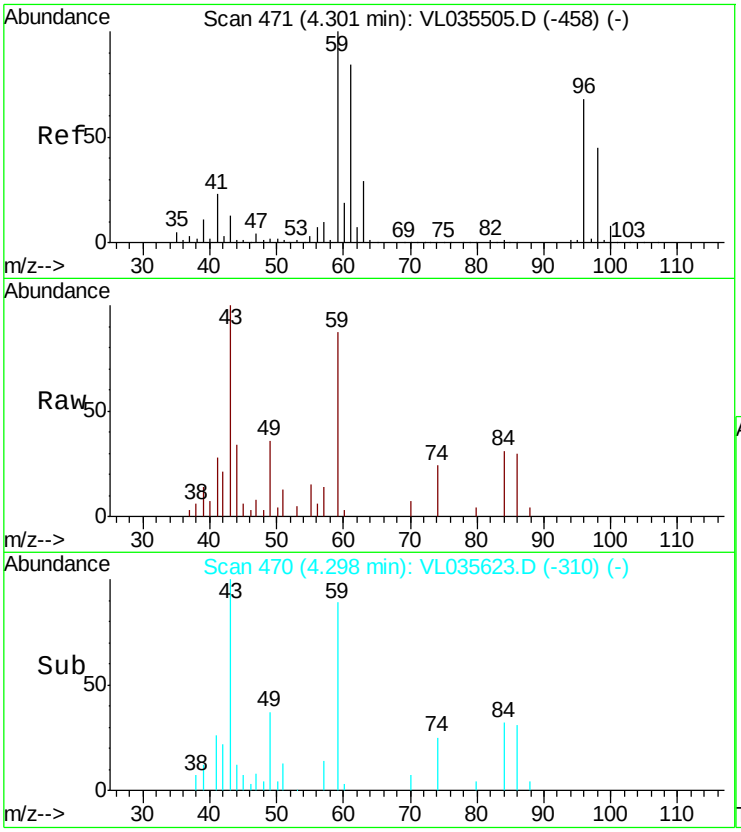


#16
1,3-Butadiene
Concen: 0.363 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.03 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 39 Resp: 13849

Ion	Ratio	Lower	Upper
39	100		
54	23.6	88.4	132.6#



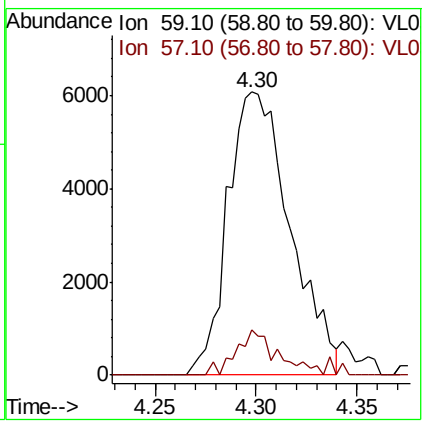


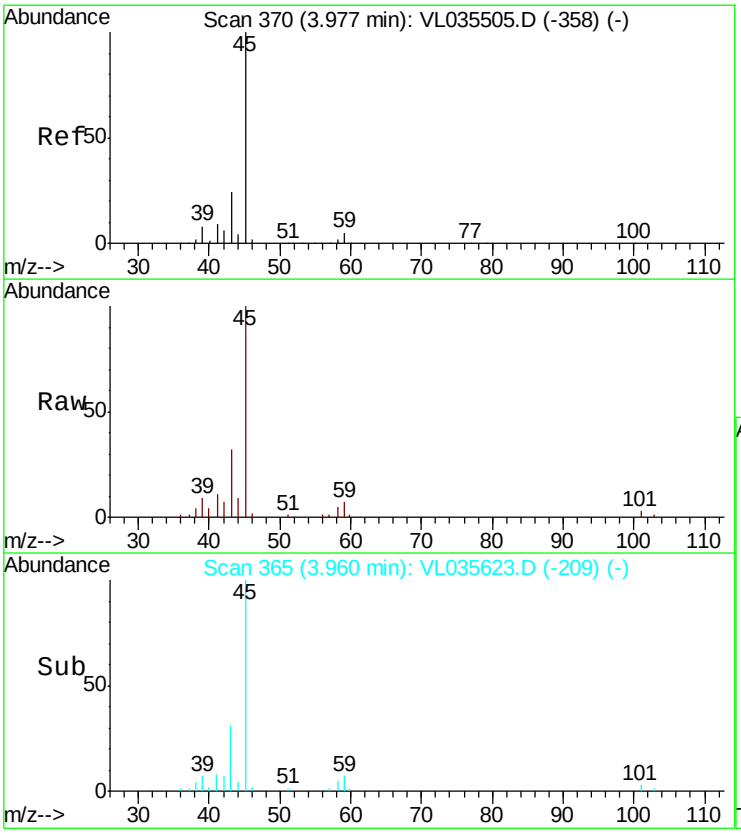
#17
tert-Butyl alcohol
Concen: 0.106 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 13173

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

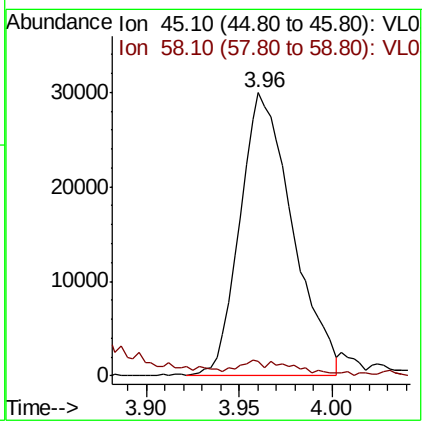


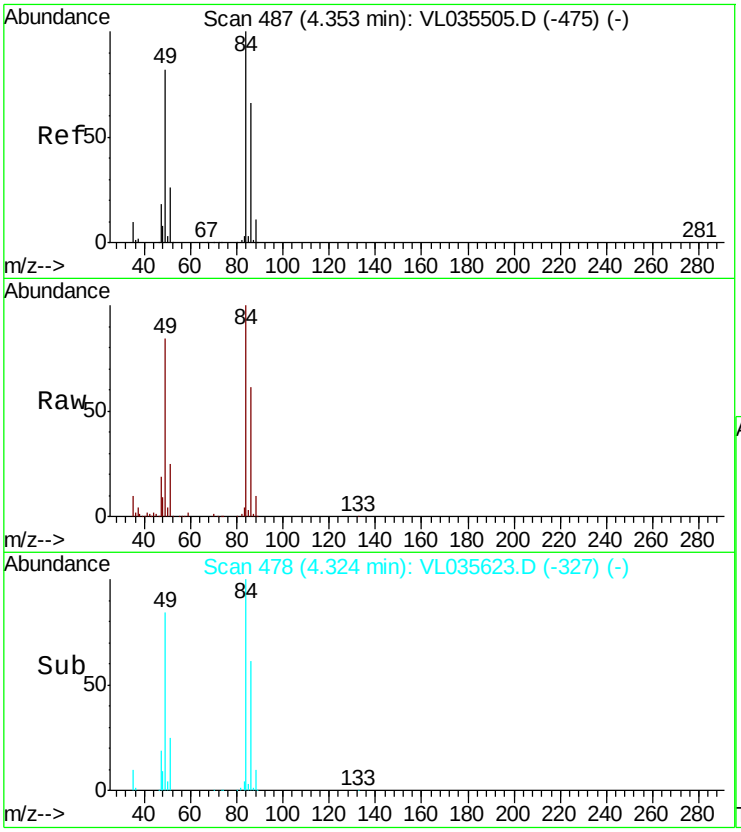


#19
Isopropyl Alcohol
Concen: 0.967 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.00 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 45 Resp: 59106

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



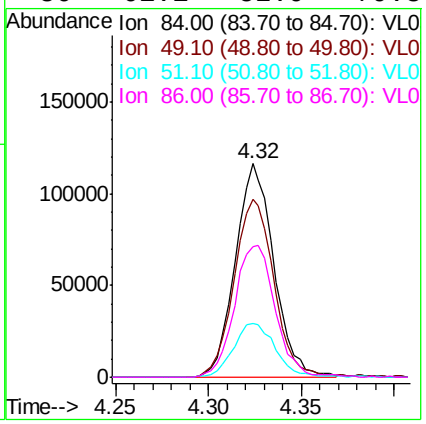


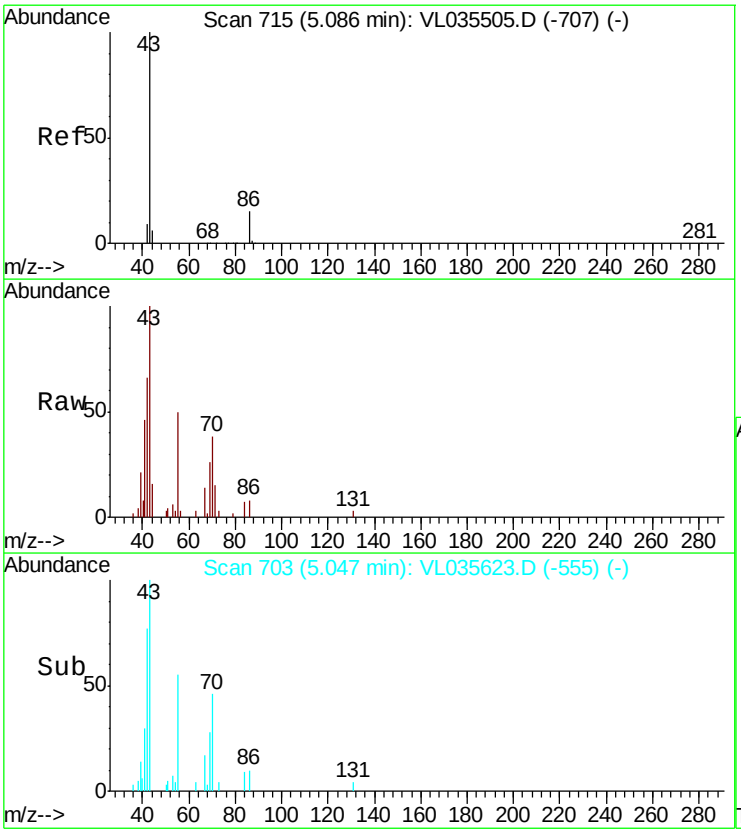
#20
Methylene Chloride
Concen: 2.205 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 84 Resp: 168276

Ion	Ratio	Lower	Upper
84	100		
49	83.6	65.4	98.0
51	25.4	21.5	32.3
86	61.1	52.9	79.3

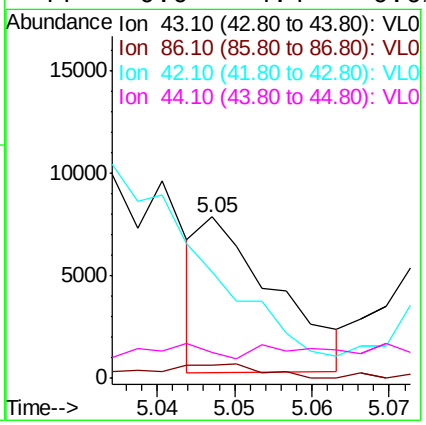


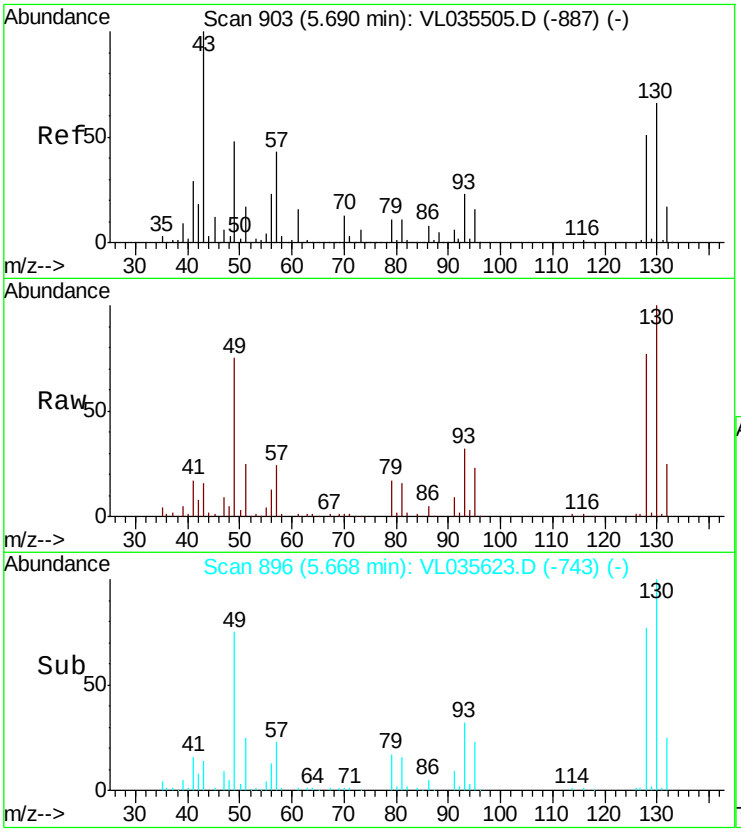


#23
Vinyl Acetate
Concen: 0.038 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 43 Resp: 5055

Ion	Ratio	Lower	Upper
43	100		
86	11.8	10.6	16.0
42	75.7	7.5	11.3#
44	0.0	4.4	6.6#



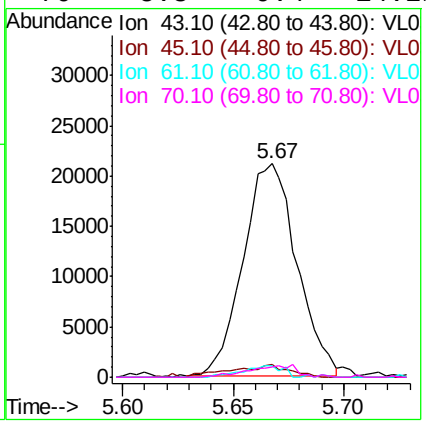


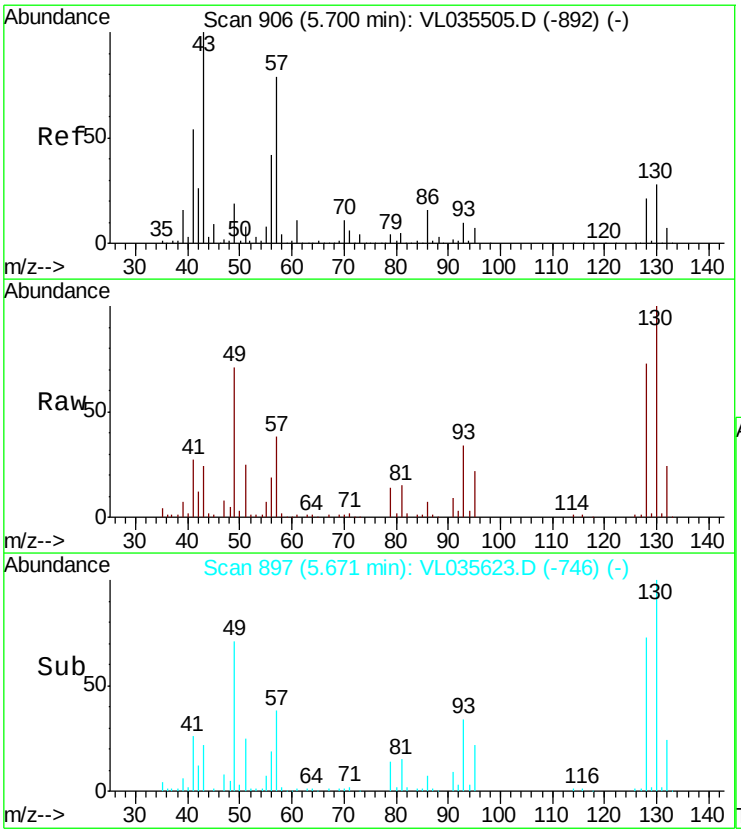
#25
Ethyl Acetate
Concen: 0.196 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 35547

Ion	Ratio	Lower	Upper
43	100		
45	6.6	8.4	12.6#
61	4.3	10.6	16.0#
70	5.3	9.4	14.2#

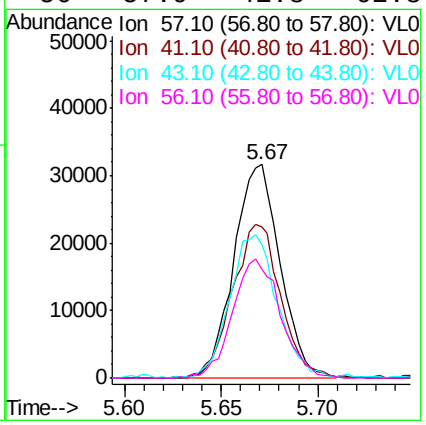


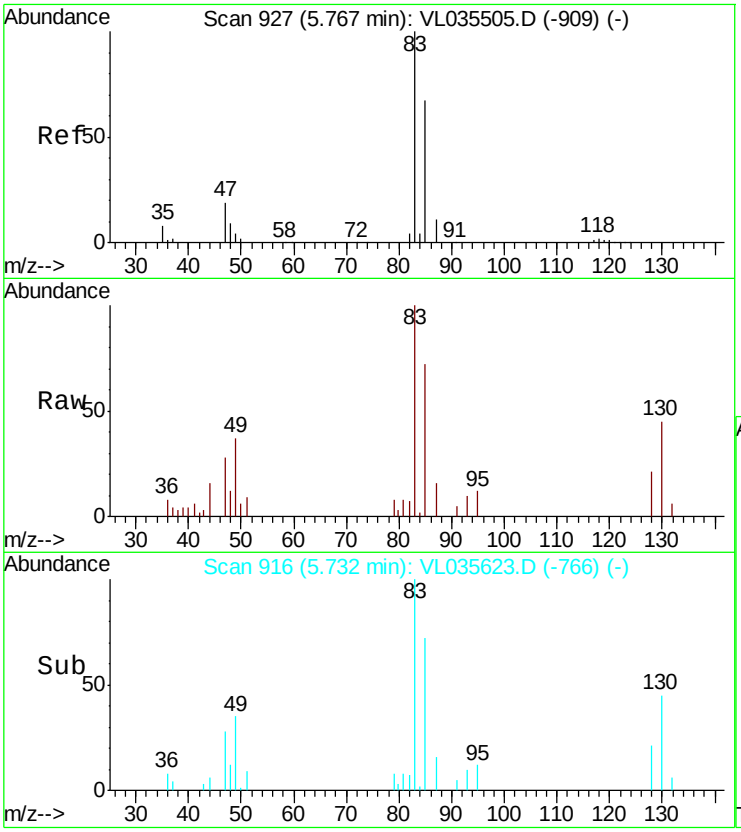


#26
Hexane
Concen: 0.513 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 57 Resp: 52650

Ion	Ratio	Lower	Upper
57	100		
41	75.1	55.9	83.9
43	70.5	141.8	212.8#
56	57.9	41.8	62.8



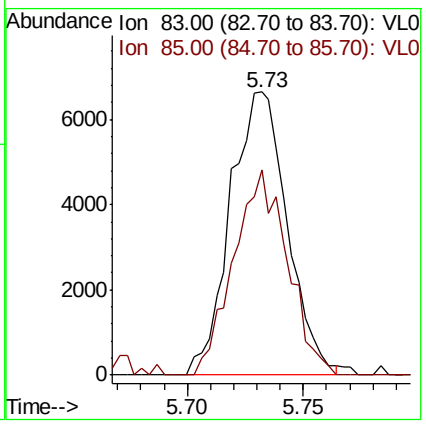


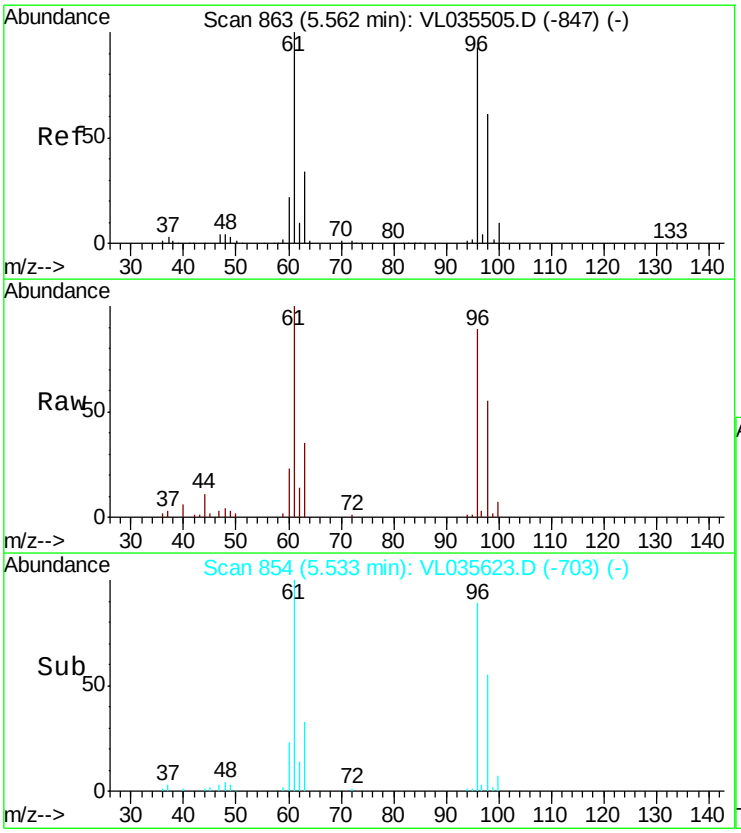
#29
Chloroform
Concen: 0.054 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 83 Resp: 11326

Ion	Ratio	Lower	Upper
83	100		
85	72.4	53.9	80.9

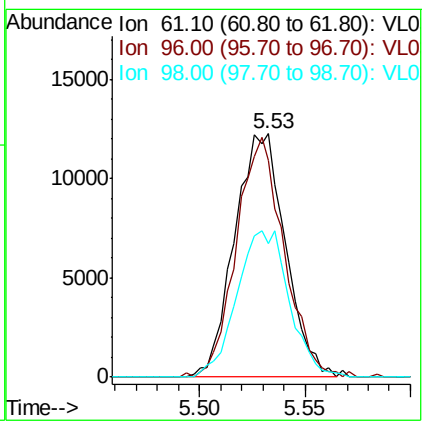


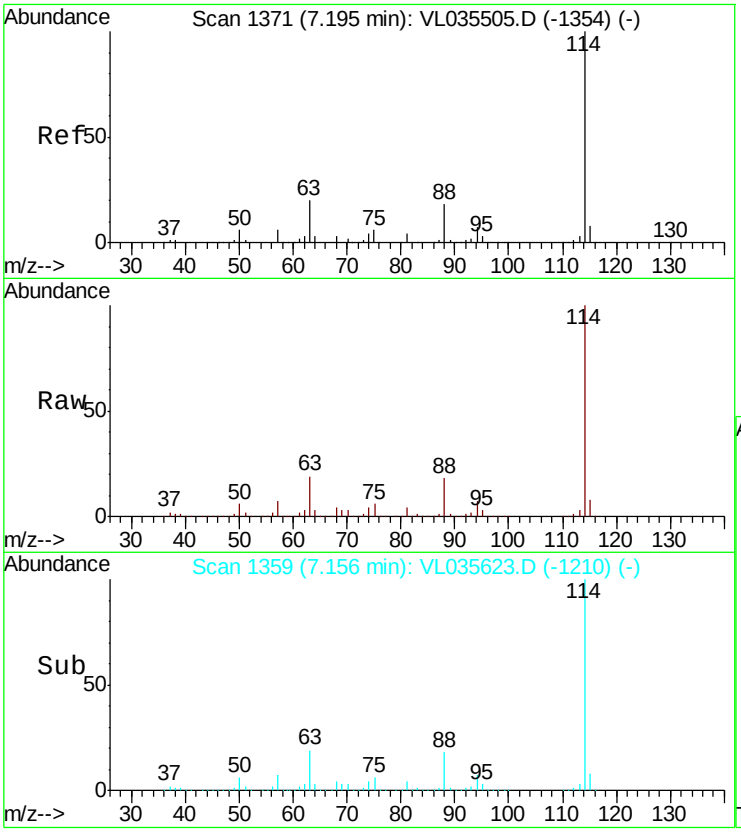


#31
cis-1,2-Dichloroethene
Concen: 0.195 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 61 Resp: 20545

Ion	Ratio	Lower	Upper
61	100		
96	87.8	74.4	111.6
98	55.0	49.2	73.8



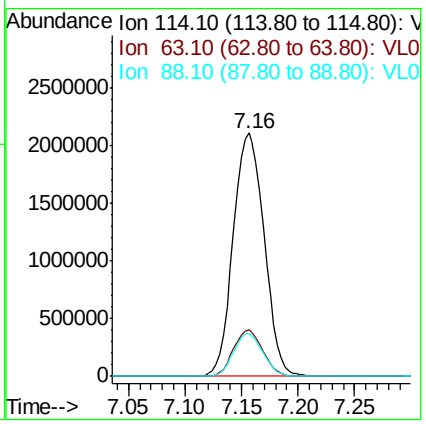


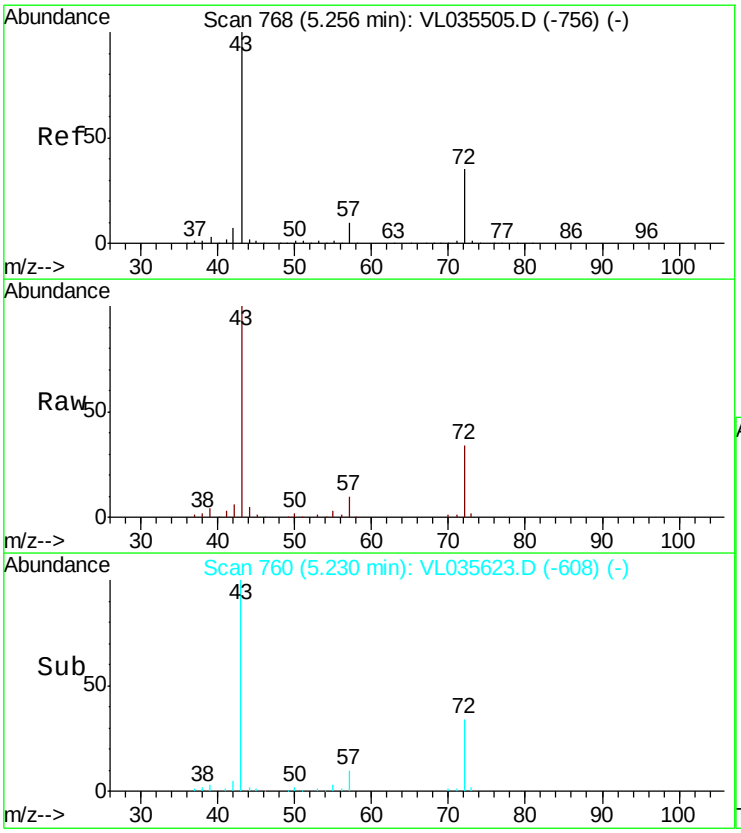
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 4027136

Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.7	22.1
88	16.8	13.4	20.2

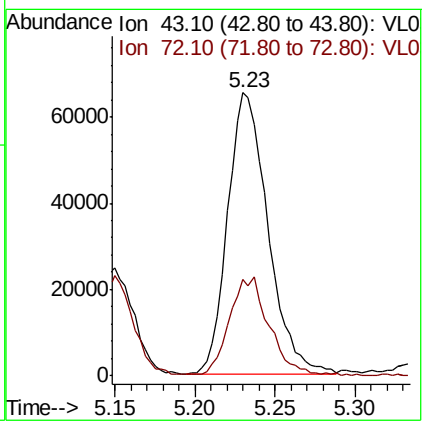


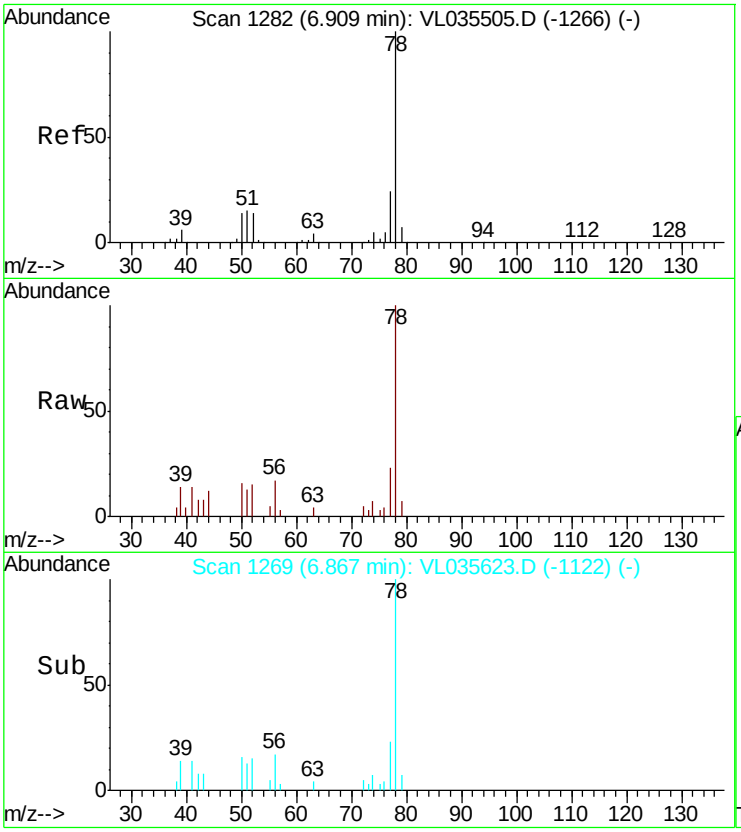


#34
2-Butanone
Concen: 0.936 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.01 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 43 Resp: 111874

Ion	Ratio	Lower	Upper
43	100		
72	34.2	27.7	41.5



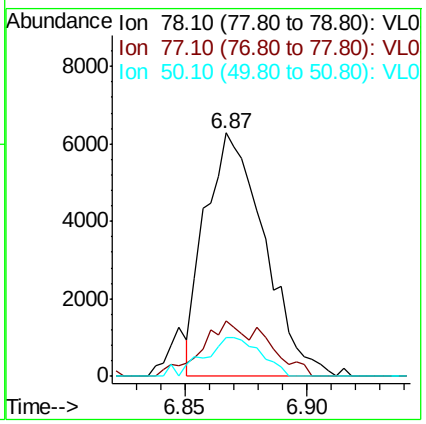


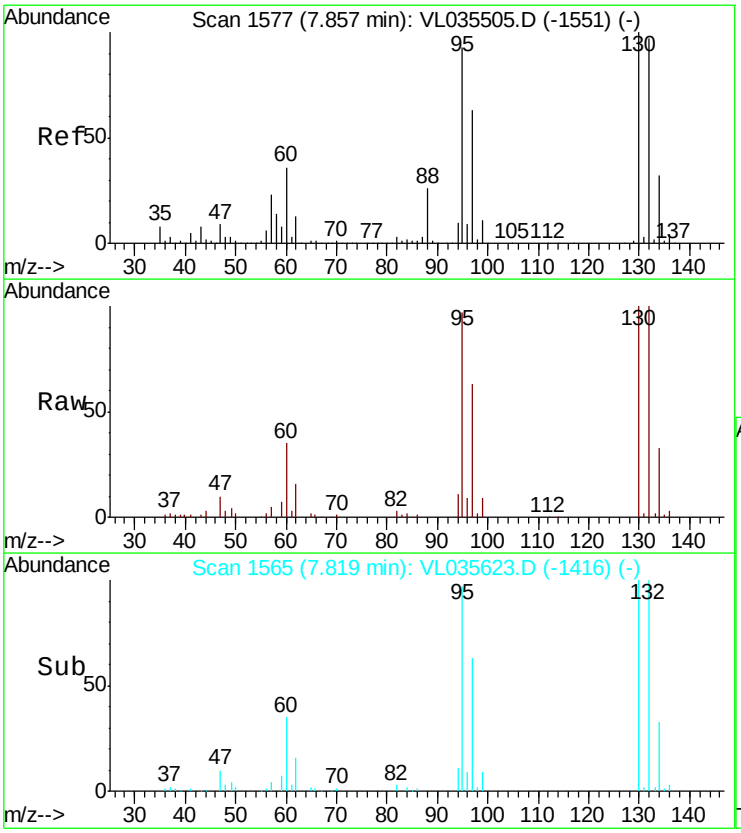
#36
Benzene
Concen: 0.041 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.03 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 78 Resp: 10603

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9
50	16.0	11.0	16.6

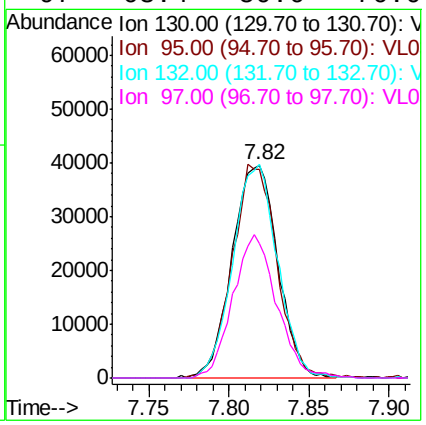


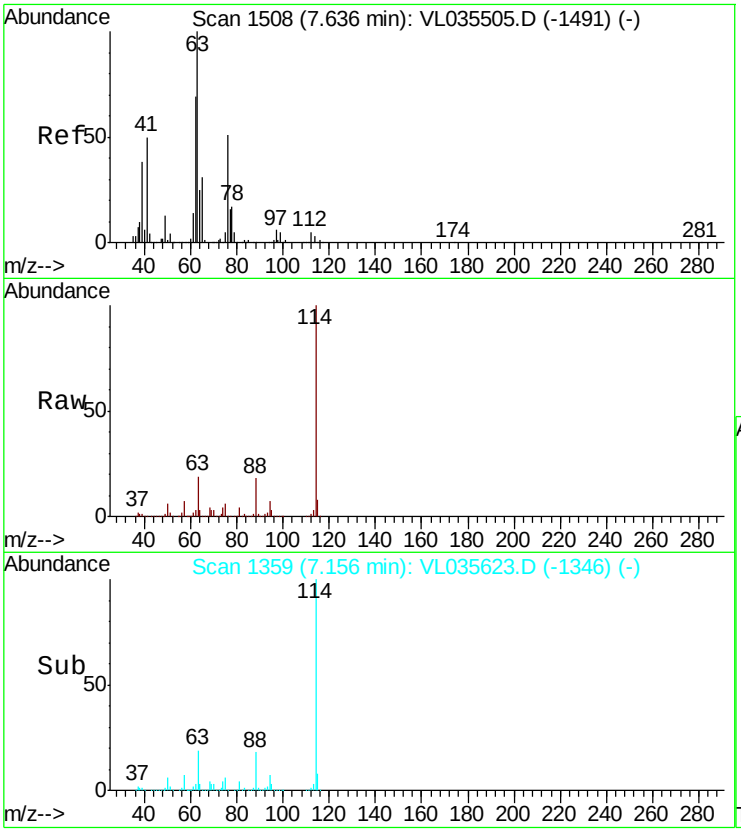


#38
Trichloroethene
Concen: 0.510 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion:130 Resp: 77221

Ion	Ratio	Lower	Upper
130	100		
95	97.1	74.6	112.0
132	100.3	77.6	116.4
97	63.4	50.6	76.0



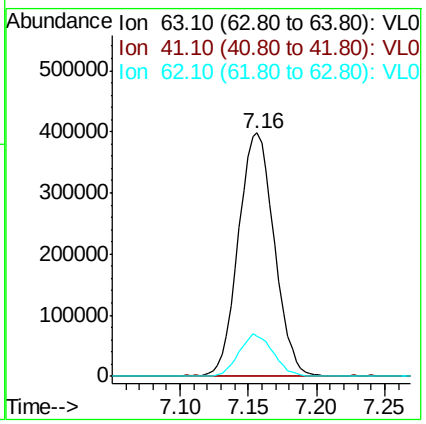


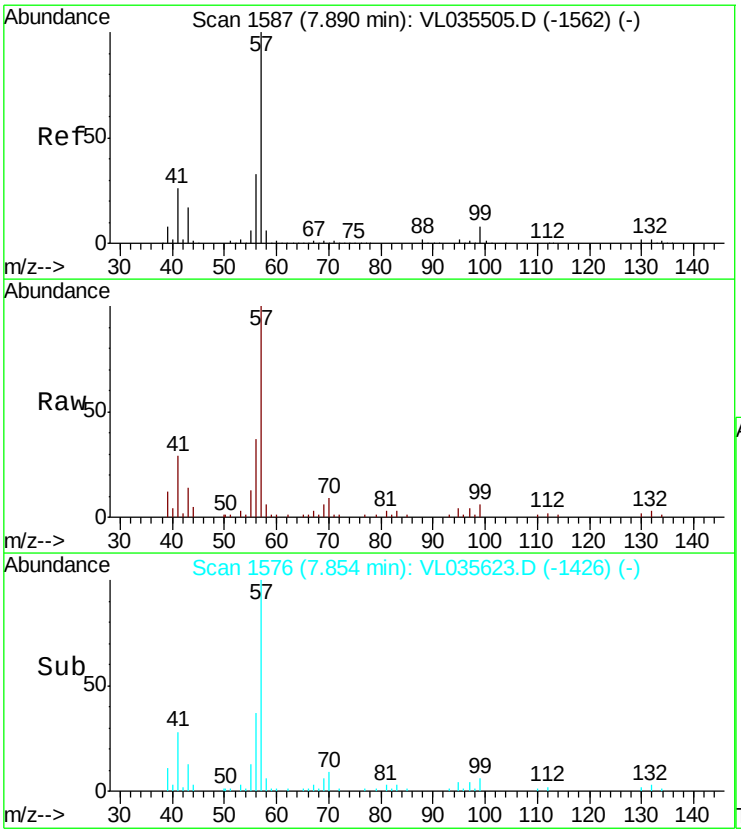
#39
1,2-Dichloropropane
Concen: 8.266 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.46 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 63 Resp: 727919

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.5	55.4	83.0#

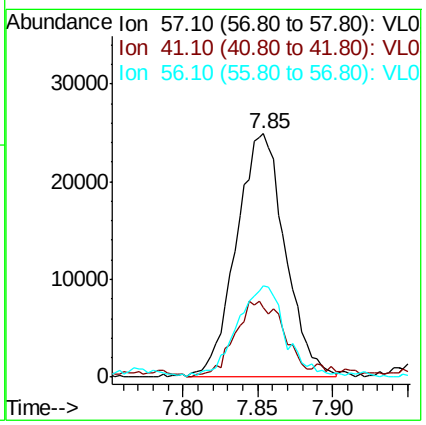


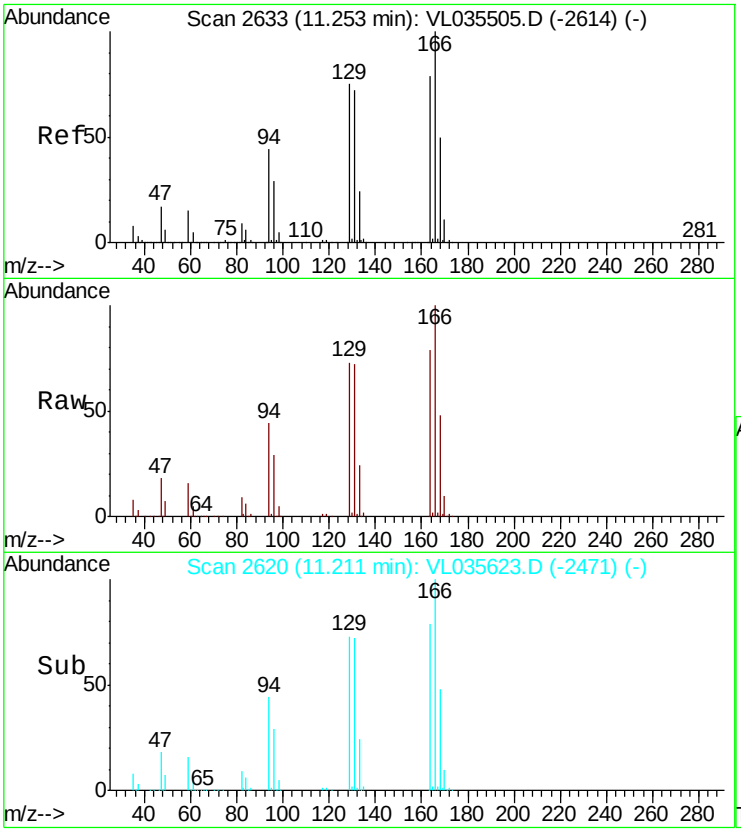


#44
2,2,4-Trimethylpentane
Concen: 0.165 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion: 57 Resp: 56540

Ion	Ratio	Lower	Upper
57	100		
41	34.7	20.5	30.7#
56	38.2	25.3	37.9#



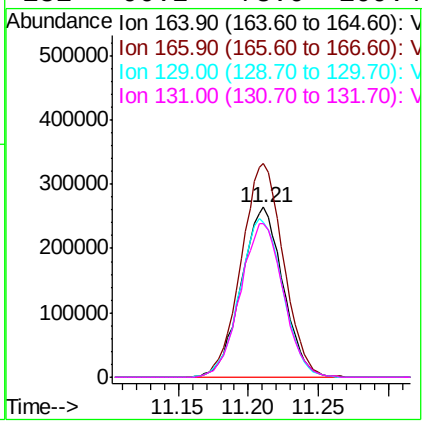


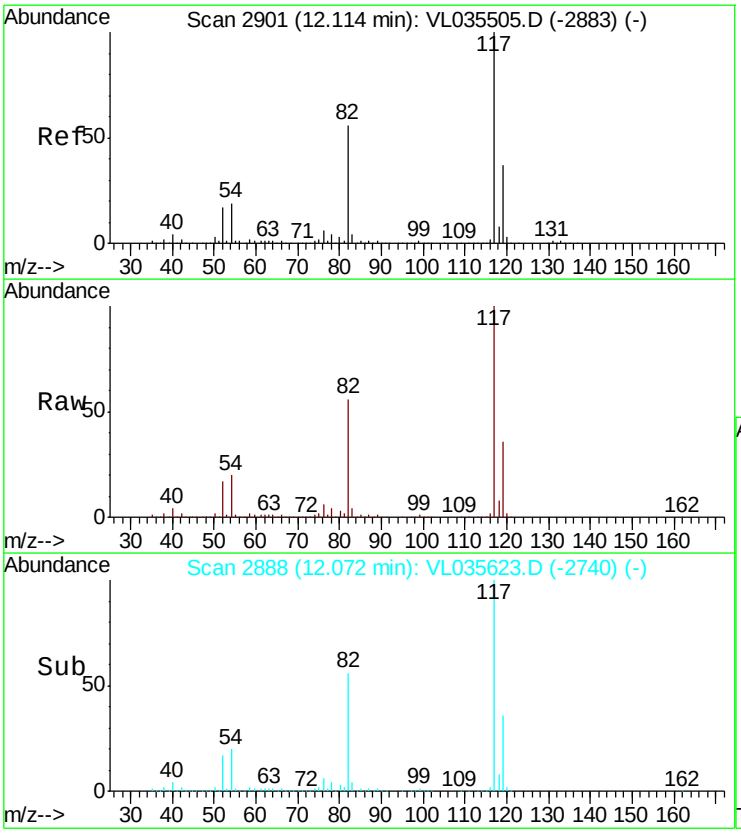
#52
Tetrachloroethene
Concen: 3.594 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:164 Resp: 547257

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.9	151.3
129	91.3	75.3	112.9
131	90.2	73.0	109.4

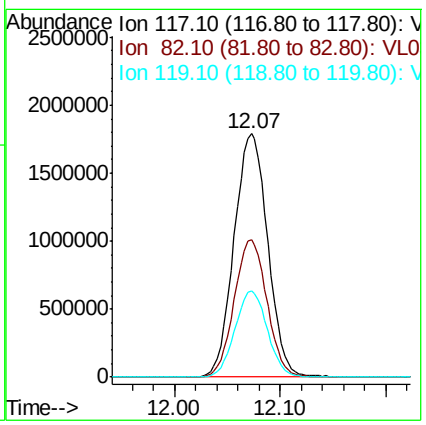


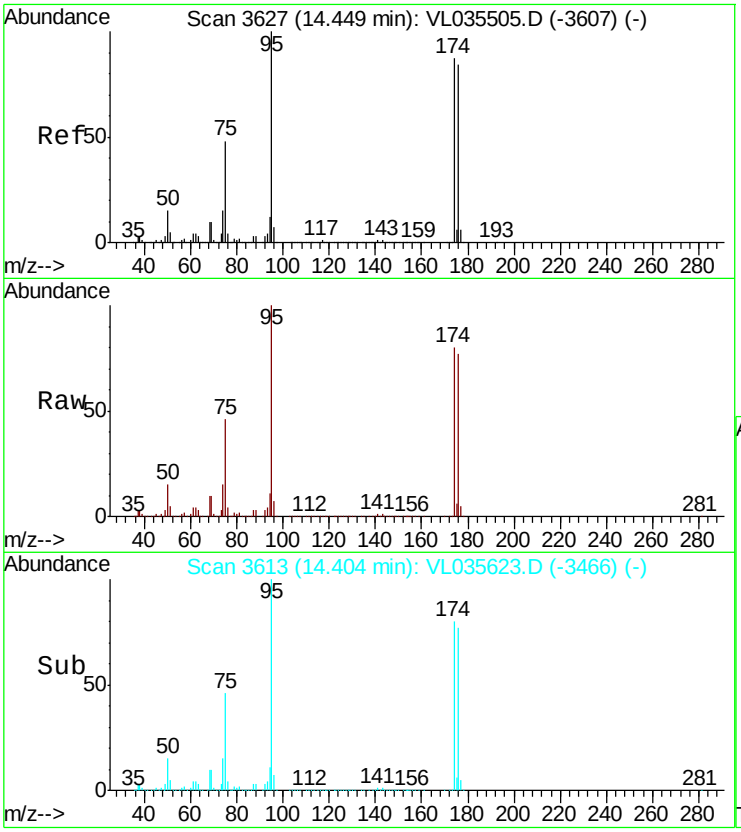


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Tgt Ion:117 Resp: 3969541

Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.6	62.4
119	34.4	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.498 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.03 min
Lab File: VL035623.D
Acq: 15 Sep 2020 7:19

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 2959299

Ion	Ratio	Lower	Upper
95	100		
174	81.1	69.6	104.4
175	5.9	5.1	7.7