Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091620\
Data File : VL035637.D
Acq On : 16 Sep 2020 20:25
Operator : SY/AP
Sample : L4036-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Quant Time: Sep 17 07:08:46 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	5.66	49	1051970	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	4269404	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	4267429	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3167999	10.45	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	49030	0.269	ppbv		98
3) Chlorodifluoromethane	2.95	51	81771	0.703	ppbv	#	72
4) Chloromethane	3.13	50	39171	0.628	ppbv		95
9) Propene	3.01	41	13334	0.297	ppbv		84
10) Heptane	8.12	43	17642	0.146	ppbv		98
11) Trichlorofluoromethane	3.94	101	67087	0.252	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15100	0.075	ppbv		95
13) Ethanol	3.60	45	156121	14.038	ppbv		98
15) Acetone	3.84	43	427987	3.689	ppbv		99
19) Isopropyl Alcohol	3.97	45	130503	1.885	ppbv	#	91
20) Methylene Chloride	4.34	84	244372	2.828	ppbv		96
23) Vinyl Acetate	5.06	43	25063	0.168	ppbv	#	78
25) Ethyl Acetate	5.68	43	71385	0.348	ppbv	#	82
26) Hexane	5.68	57	99989	0.861	ppbv	#	53
29) Chloroform	5.74	83	13212	0.056	ppbv		85
34) 2-Butanone	5.25	43	33601	0.265	ppbv		97
35) Carbon Tetrachloride	7.01	117	14850	0.069	ppbv	#	89
36) Benzene	6.89	78	35047	0.127	ppbv		94
39) 1,2-Dichloropropane	7.17	63	819042	8.773	ppbv	#	32
53) Toluene	9.81	91	199593	0.574	ppbv		95

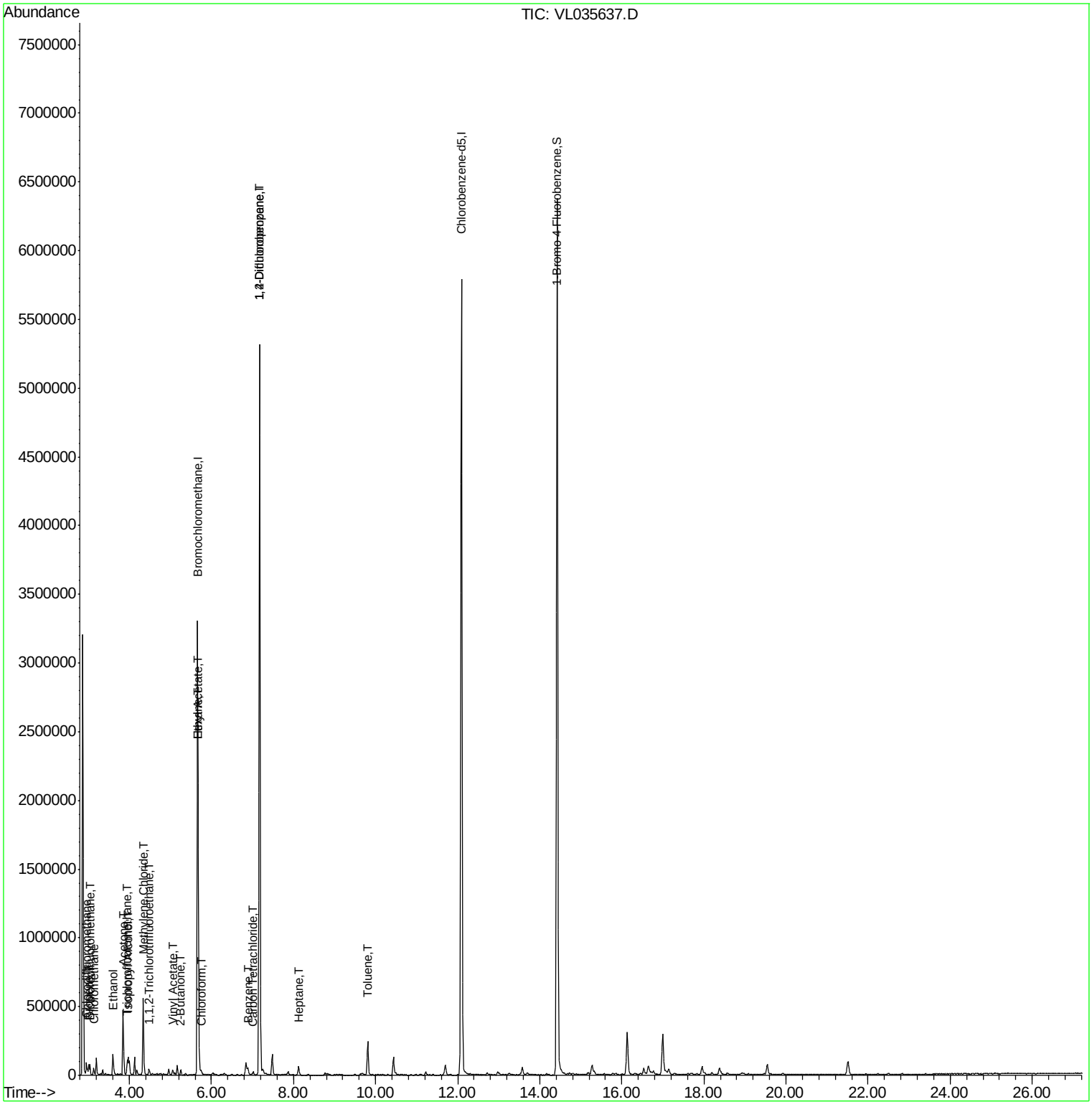
(#) = qualifier out of range (m) = manual integration (+) = signals summed

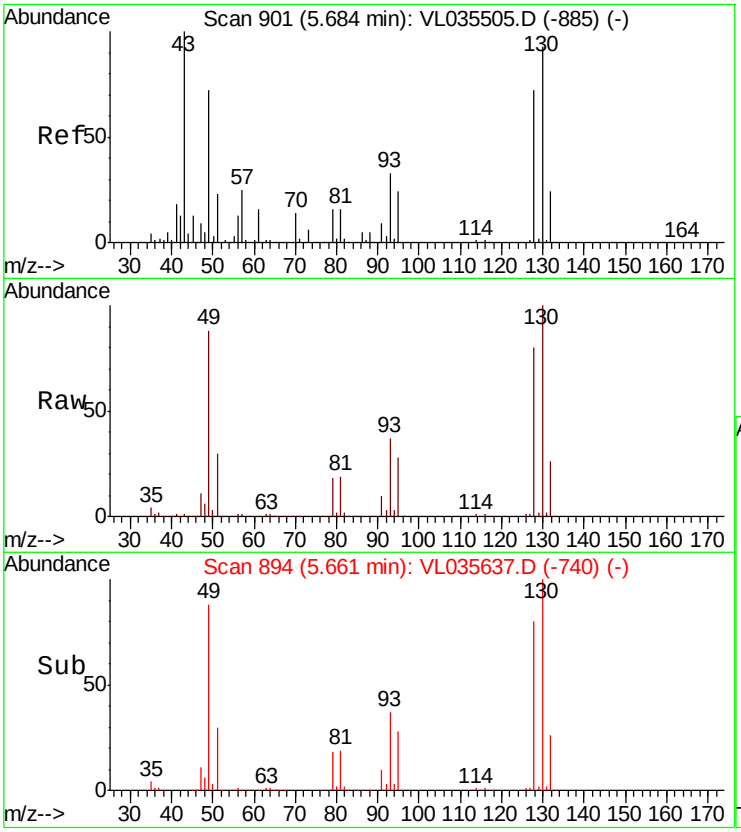
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091620\
Data File : VL035637.D
Acq On : 16 Sep 2020 20:25
Operator : SY/AP
Sample : L4036-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Quant Time: Sep 17 07:08:46 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



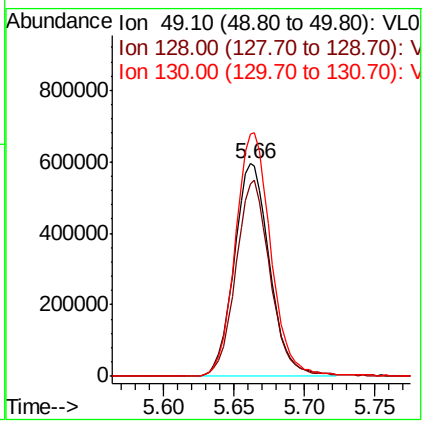


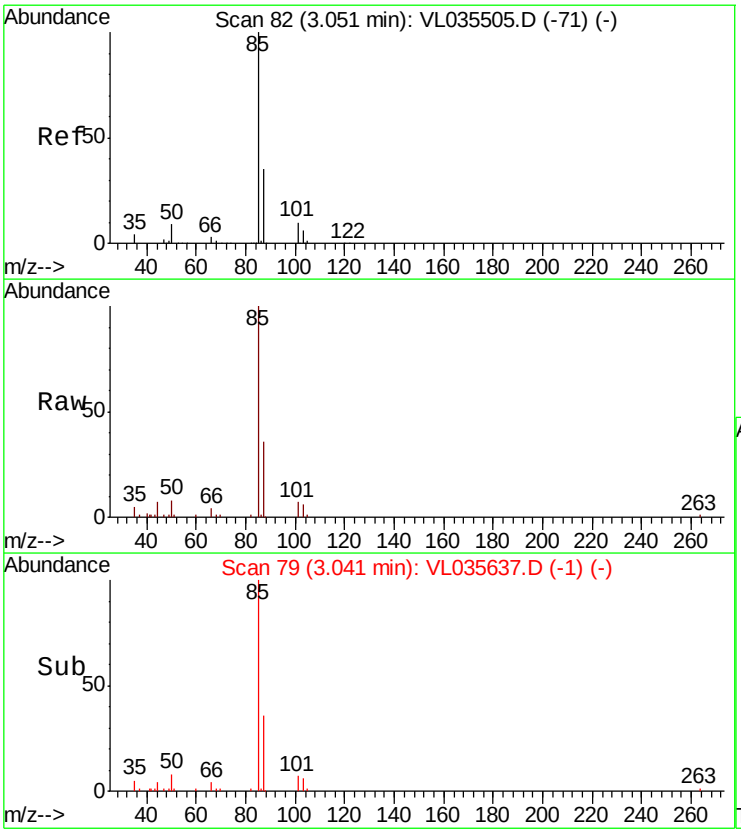
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
DB-IA-Y01

Tgt Ion: 49 Resp: 1051970

Ion	Ratio	Lower	Upper
49	100		
128	90.2	50.0	150.1
130	115.1	64.4	193.2

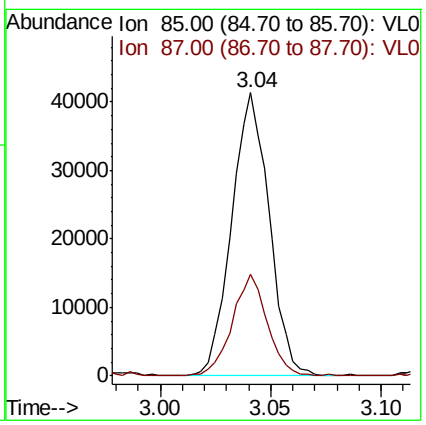


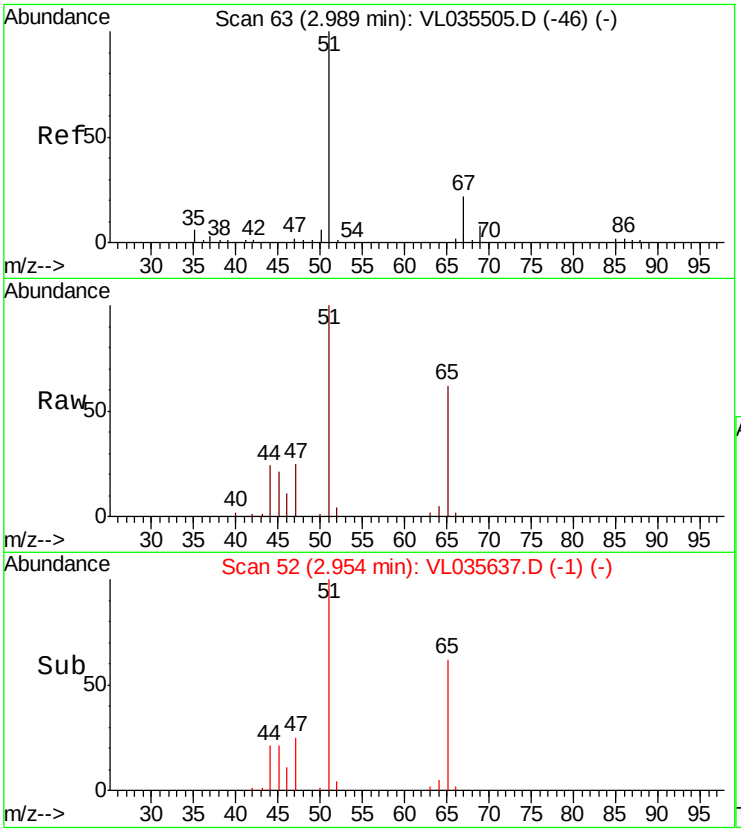


#2
Dichlorodifluoromethane
Concen: 0.269 ppbv
RT: 3.04 min Scan# 79
Delta R.T. 0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 85 Resp: 49030

Ion	Ratio	Lower	Upper
85	100		
87	36.1	28.0	42.0



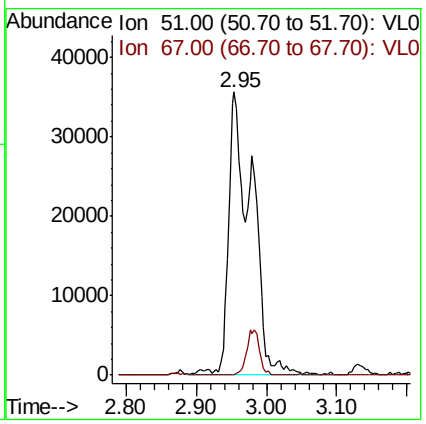


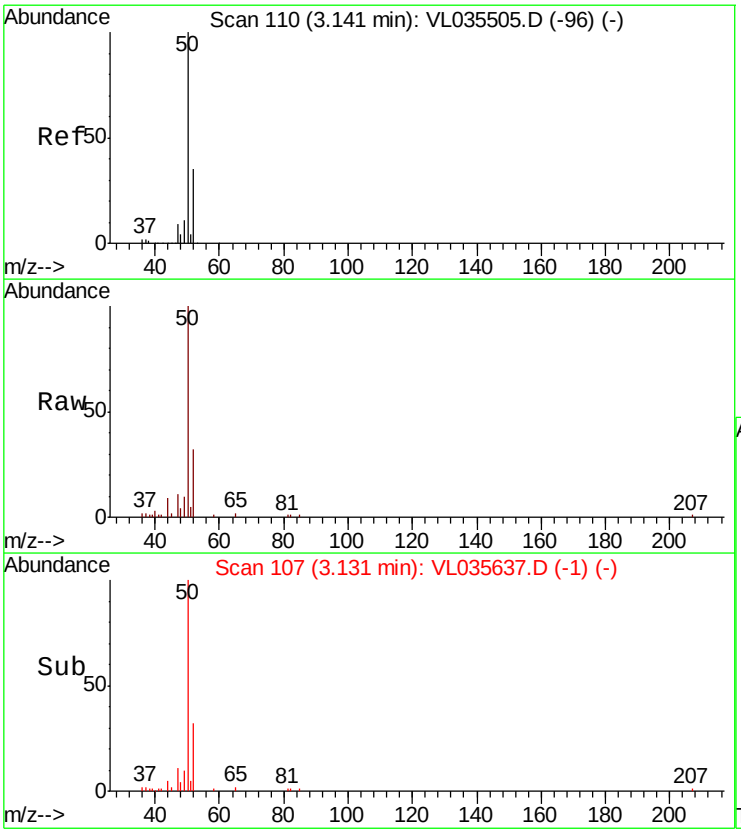
#3
Chlorodifluoromethane
Concen: 0.703 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.02 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Tgt Ion: 51 Resp: 81771

Ion	Ratio	Lower	Upper
51	100		
67	8.7	17.8	26.8#

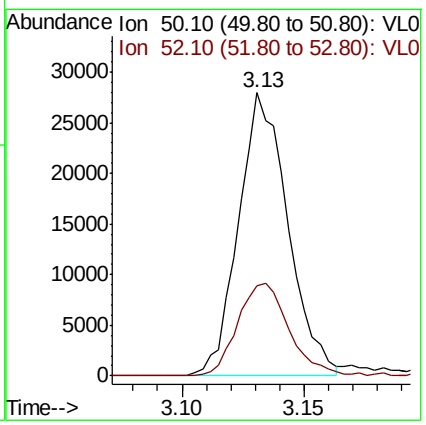


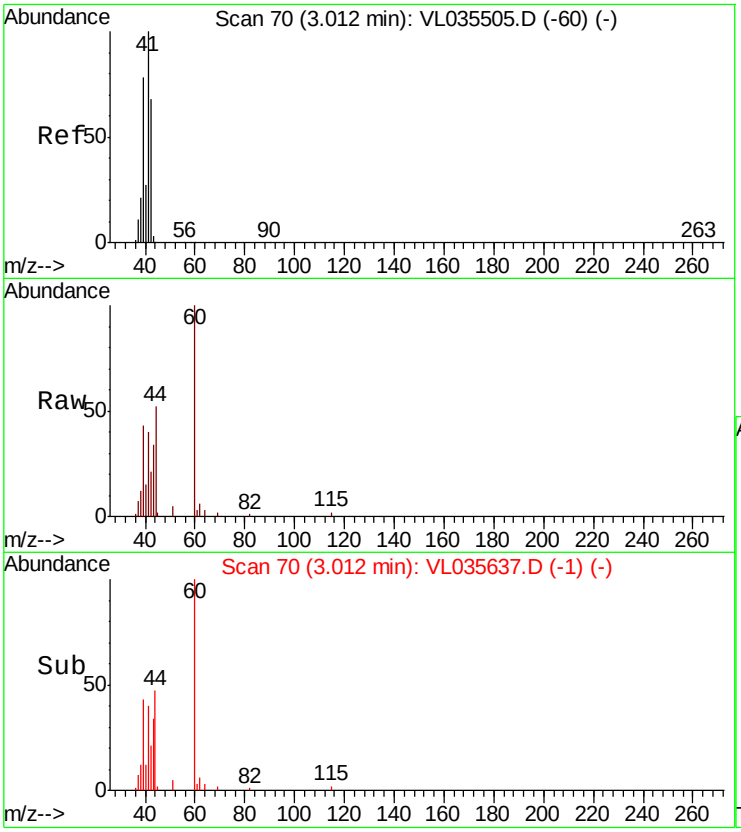


#4
Chloromethane
Concen: 0.628 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 50 Resp: 39171

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.7	41.5



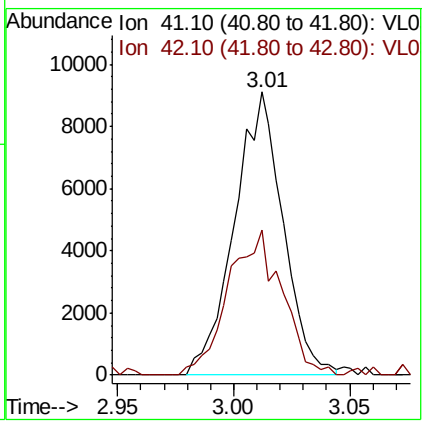


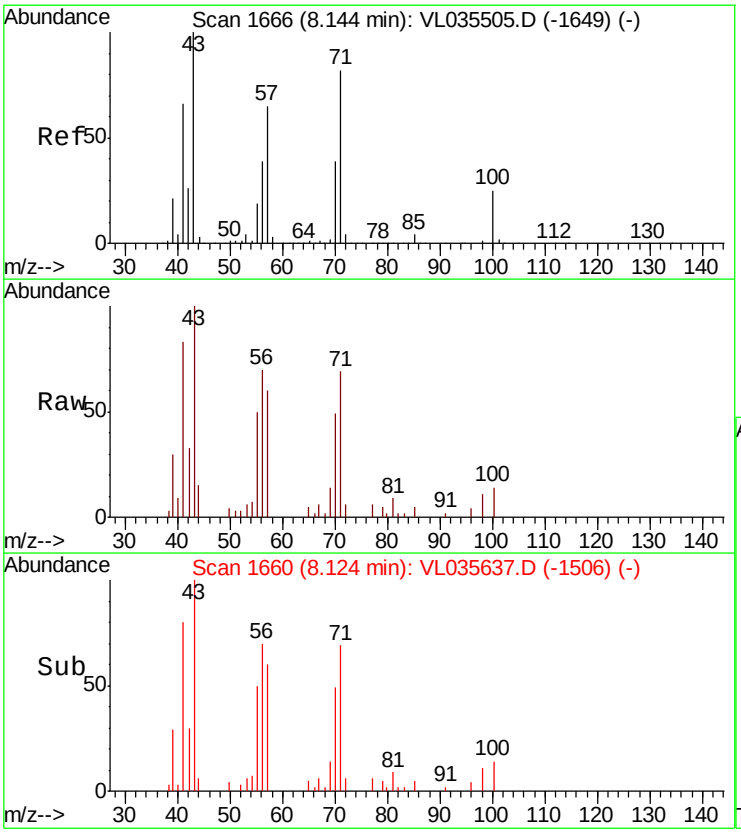
#9
Propene
Concen: 0.297 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.02 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Tgt Ion: 41 Resp: 13334

Ion	Ratio	Lower	Upper
41	100		
42	57.6	56.3	84.5

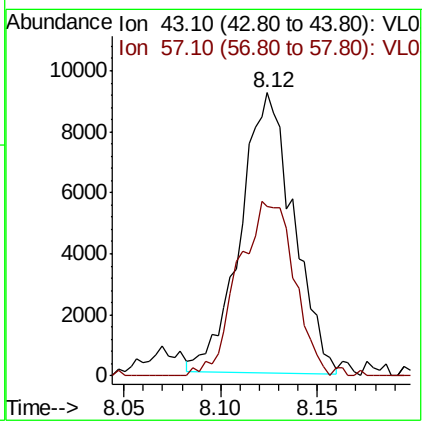


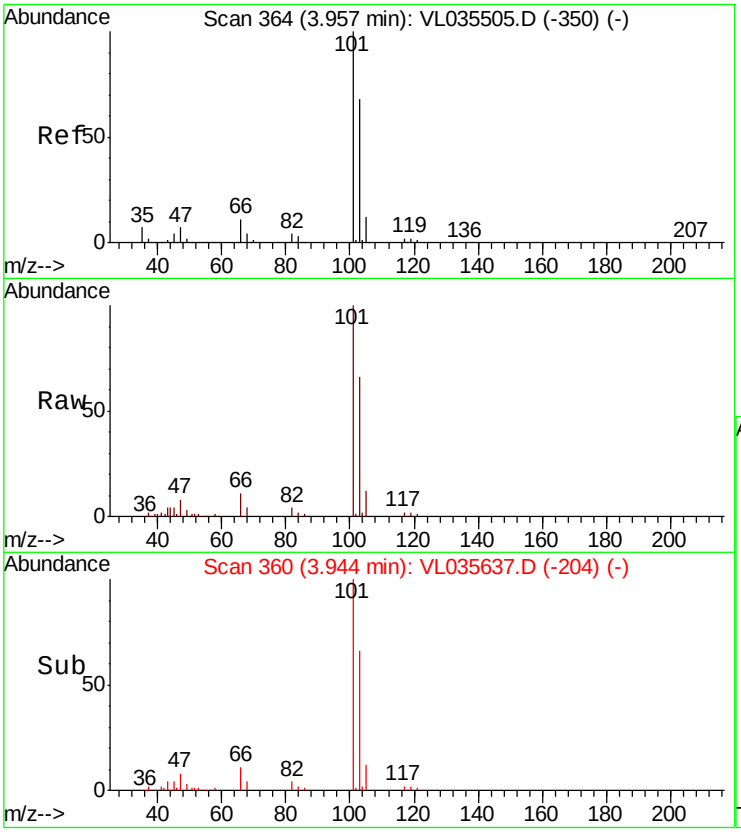


#10
Heptane
Concen: 0.146 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 43 Resp: 17642

Ion	Ratio	Lower	Upper
43	100		
57	66.0	51.4	77.0



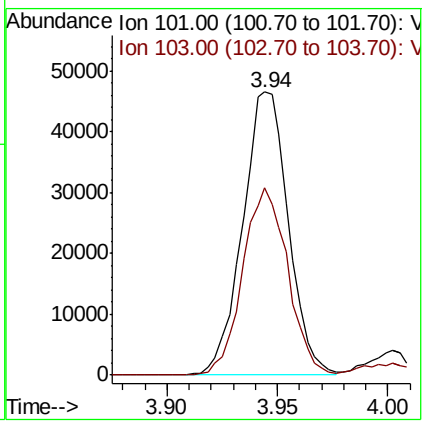


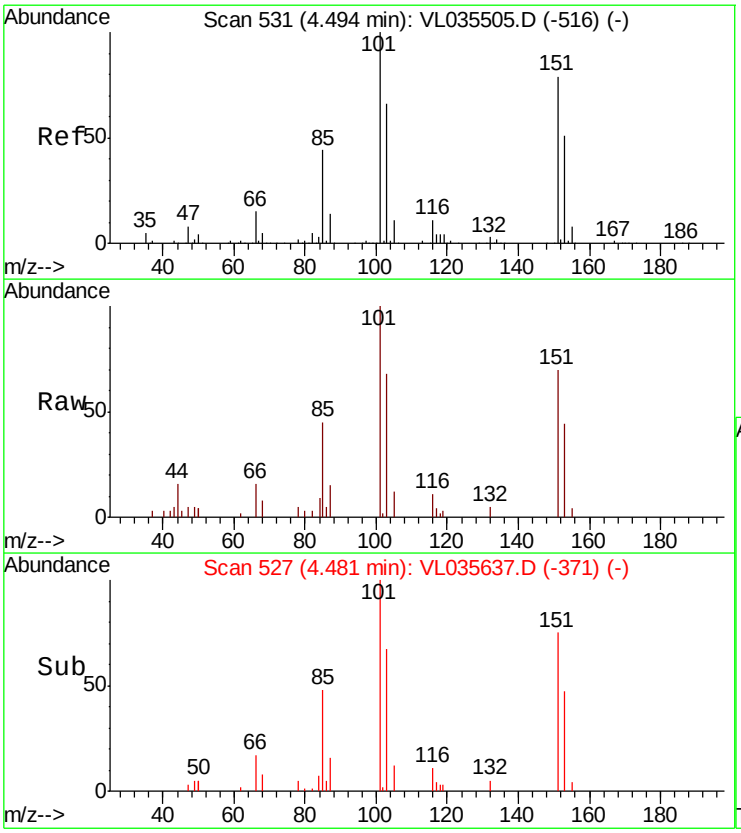
#11
Trichlorofluoromethane
Concen: 0.252 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
DB-IA-Y01

Tgt Ion:101 Resp: 67087

Ion	Ratio	Lower	Upper
101	100		
103	66.4	54.5	81.7

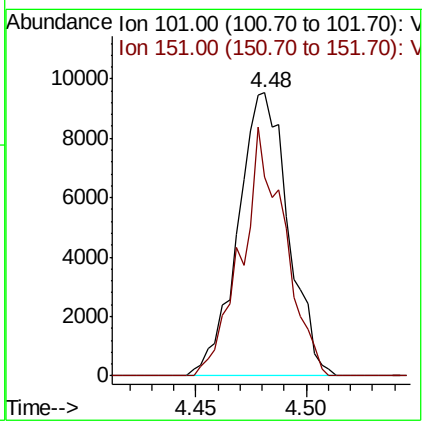


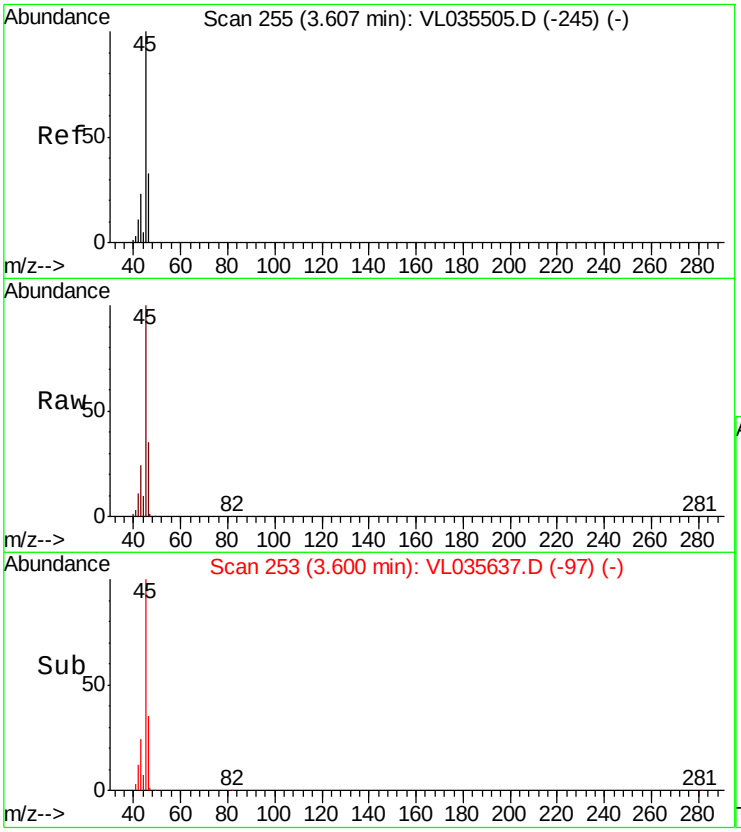


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.075 ppbv
RT: 4.48 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion:101 Resp: 15100

Ion	Ratio	Lower	Upper
101	100		
151	75.4	63.5	95.3



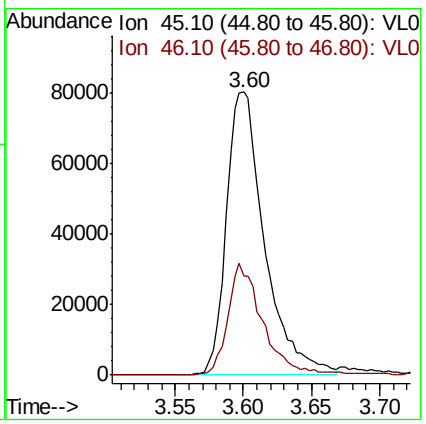


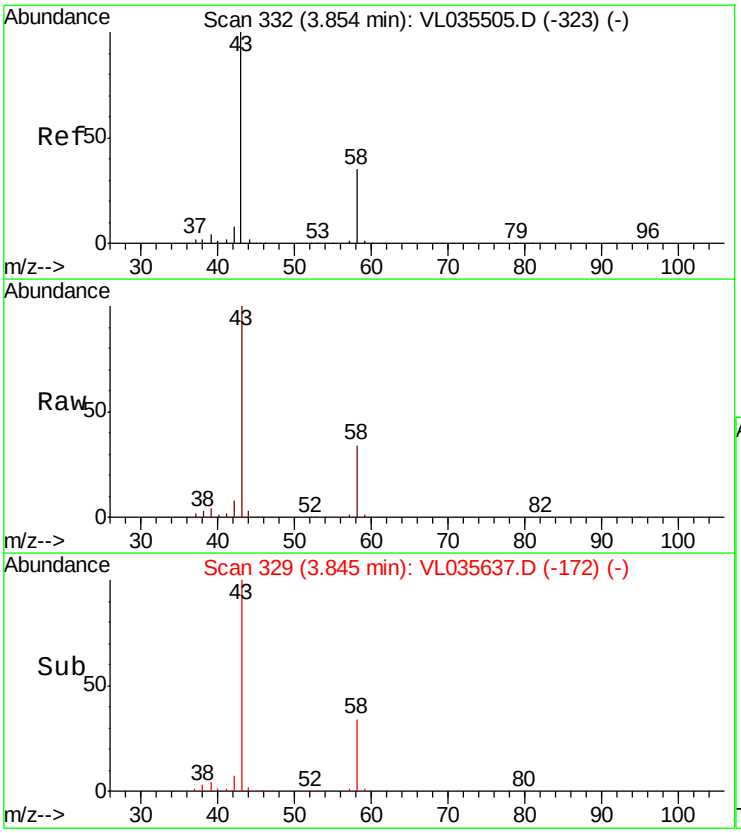
#13
Ethanol
Concen: 14.038 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
DB-IA-Y01

Tgt Ion: 45 Resp: 156121

Ion	Ratio	Lower	Upper
45	100		
46	36.7	15.2	60.6

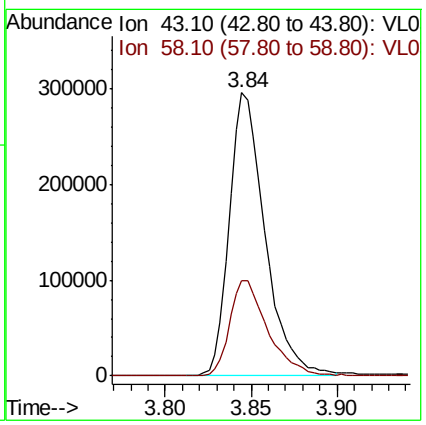


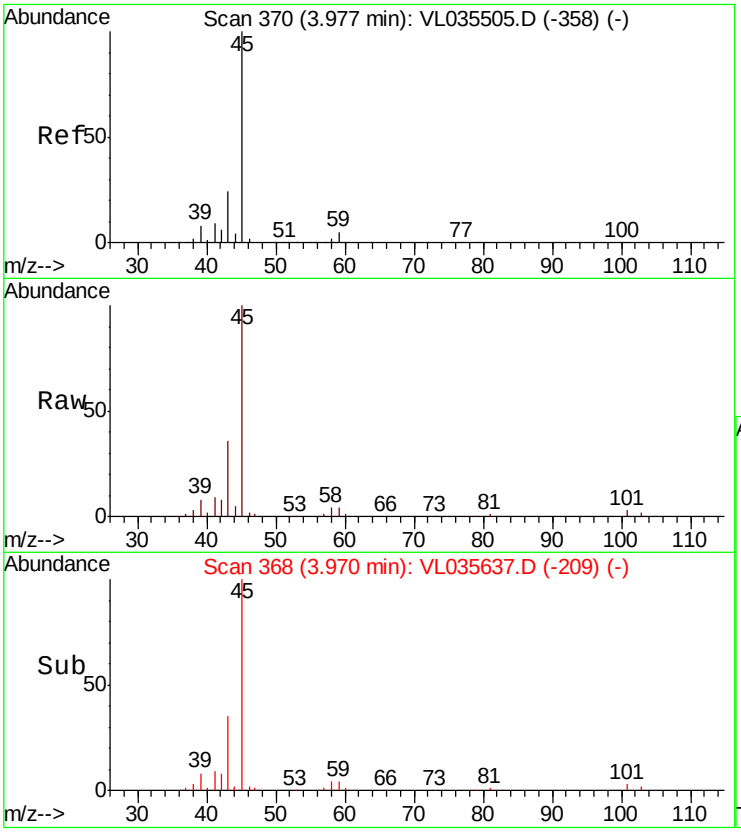


#15
Acetone
Concen: 3.689 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 43 Resp: 427987

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.4	42.6



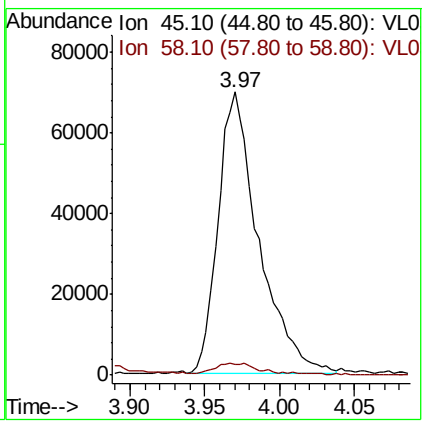


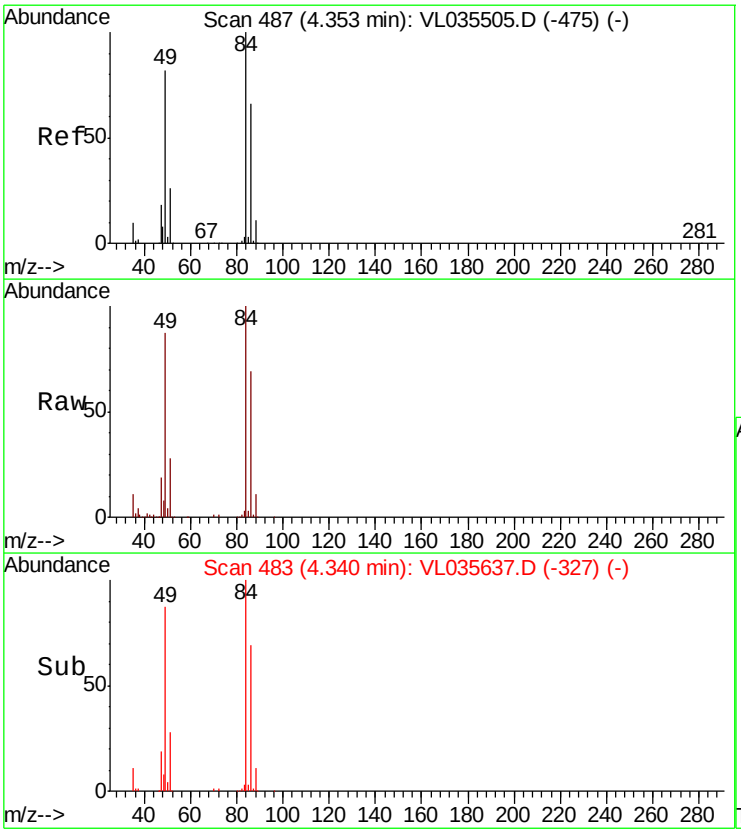
#19
Isopropyl Alcohol
Concen: 1.885 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Tgt Ion: 45 Resp: 130503

Ion	Ratio	Lower	Upper
45	100		
58	5.5	2.0	3.0#

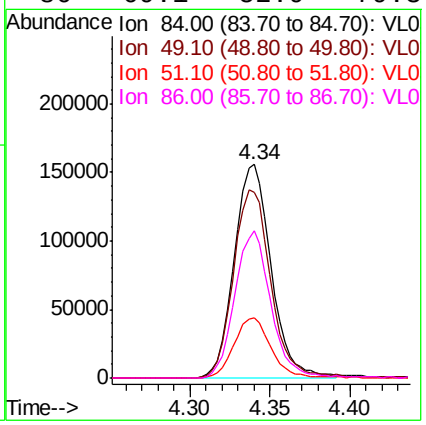


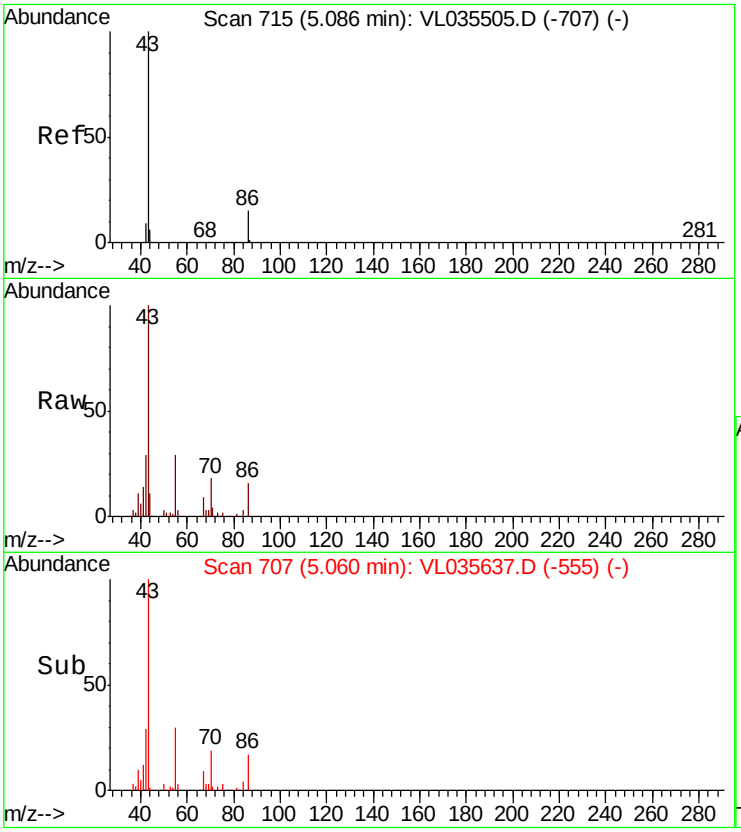


#20
Methylene Chloride
Concen: 2.828 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 84 Resp: 244372

Ion	Ratio	Lower	Upper
84	100		
49	86.7	65.4	98.0
51	28.1	21.5	32.3
86	69.1	52.9	79.3



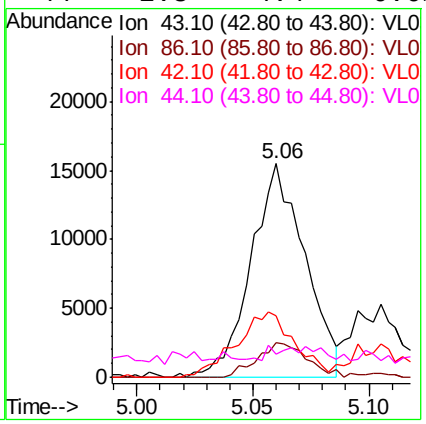


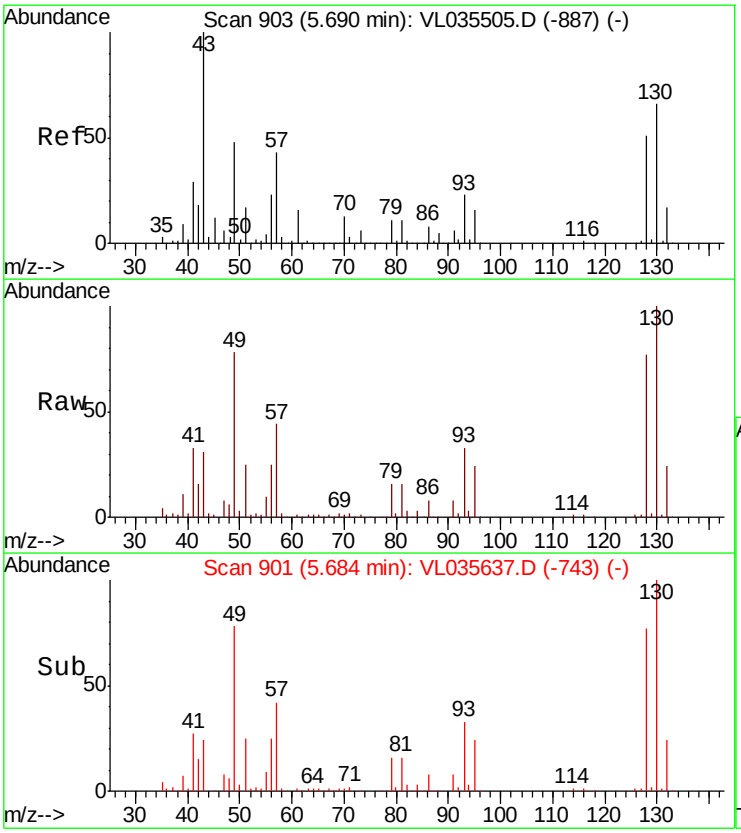
#23
Vinyl Acetate
Concen: 0.168 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Tgt Ion: 43 Resp: 25063

Ion	Ratio	Lower	Upper
43	100		
86	16.0	10.6	16.0#
42	27.4	7.5	11.3#
44	2.3	4.4	6.6#

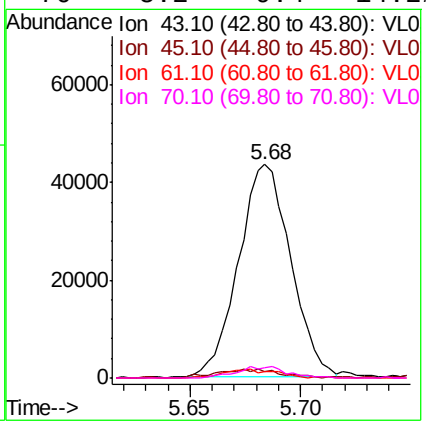


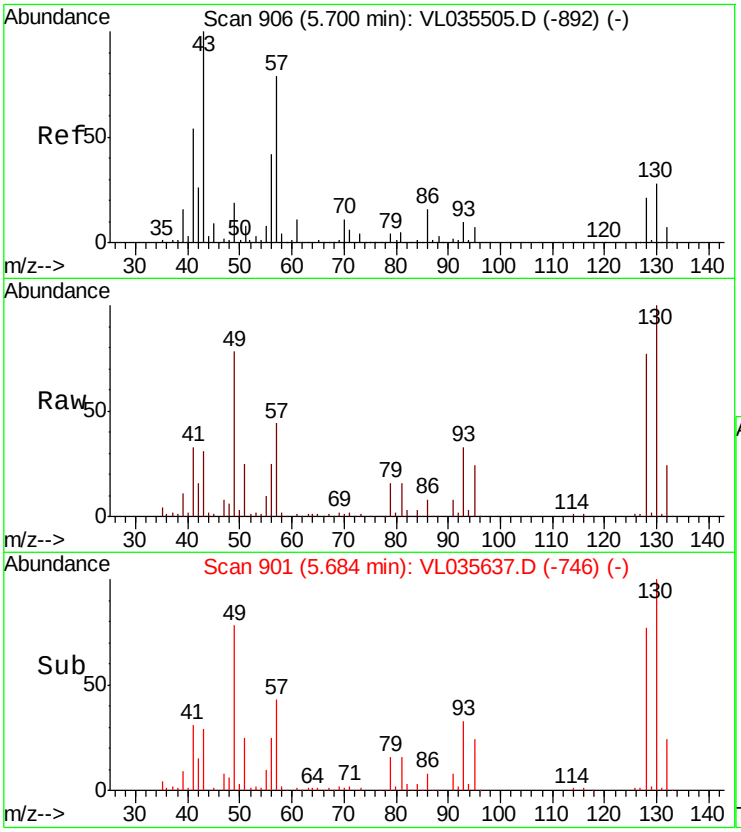


#25
Ethyl Acetate
Concen: 0.348 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 43 Resp: 71385

Ion	Ratio	Lower	Upper
43	100		
45	5.8	8.4	12.6#
61	4.4	10.6	16.0#
70	5.2	9.4	14.2#



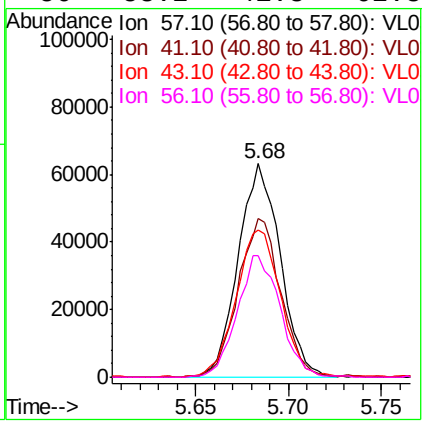


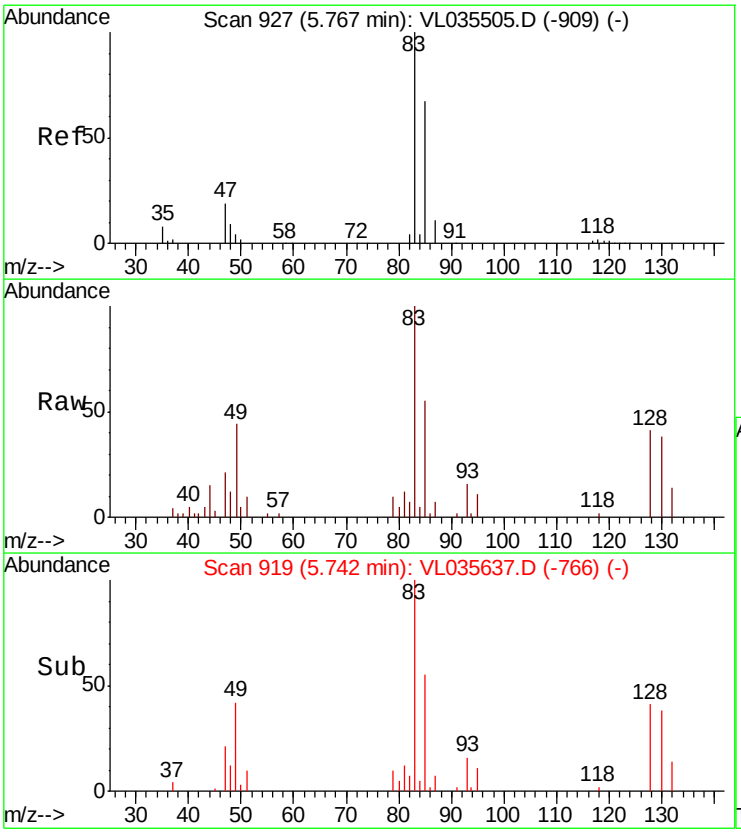
#26
Hexane
Concen: 0.861 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
DB-IA-Y01

Tgt Ion: 57 Resp: 99989

Ion	Ratio	Lower	Upper
57	100		
41	75.9	55.9	83.9
43	73.8	141.8	212.8#
56	58.2	41.8	62.8

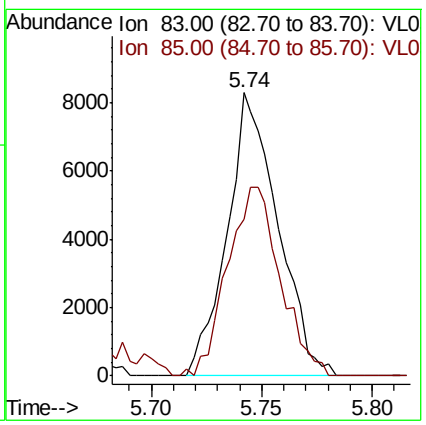


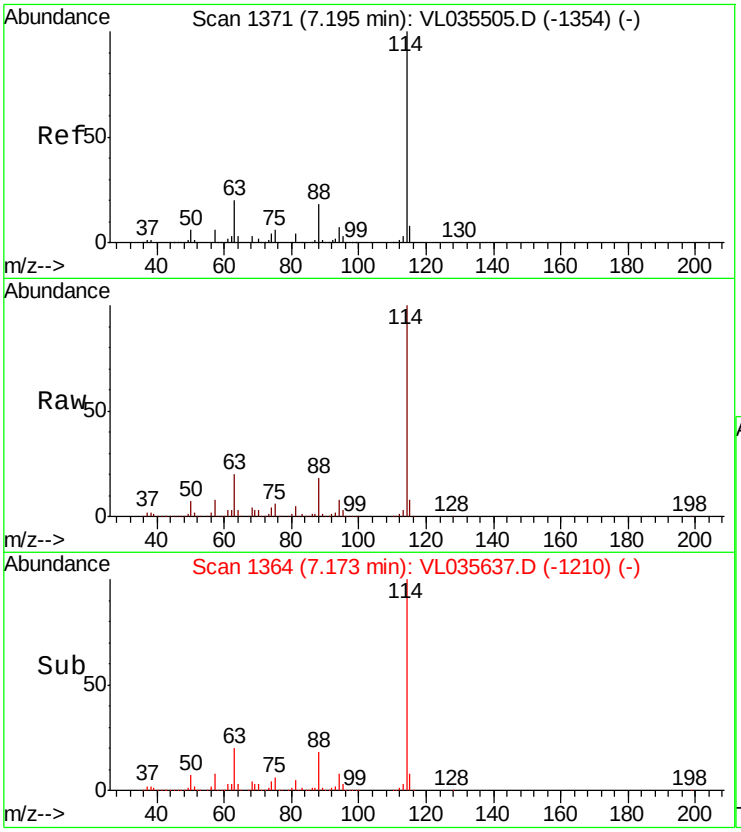


#29
Chloroform
Concen: 0.056 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 83 Resp: 13212

Ion	Ratio	Lower	Upper
83	100		
85	55.3	53.9	80.9



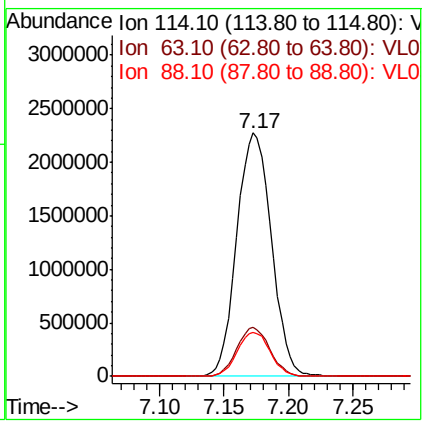


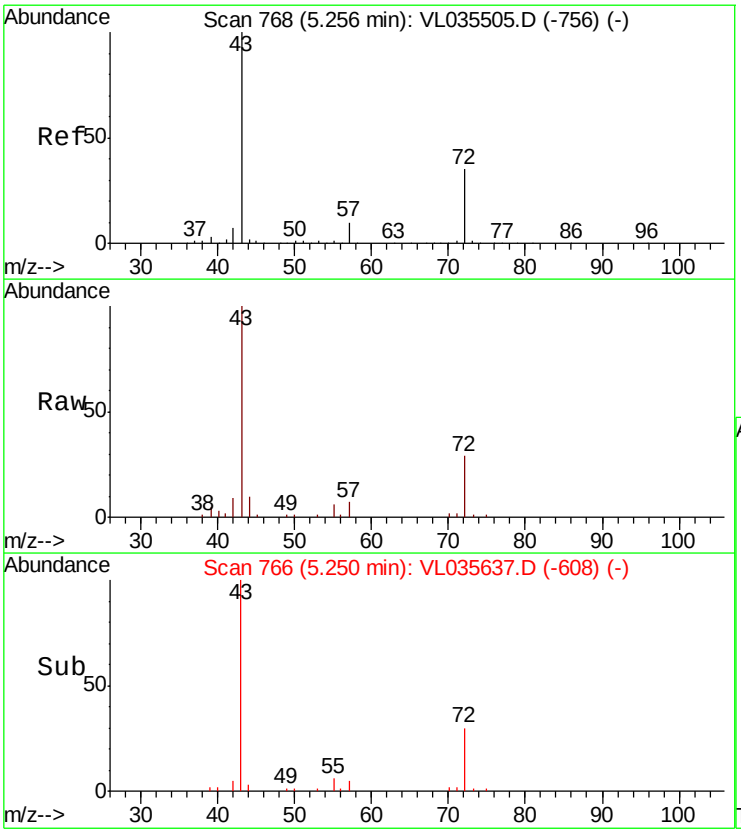
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
DB-IA-Y01

Tgt Ion:114 Resp: 4269404

Ion	Ratio	Lower	Upper
114	100		
63	19.3	14.7	22.1
88	17.3	13.4	20.2

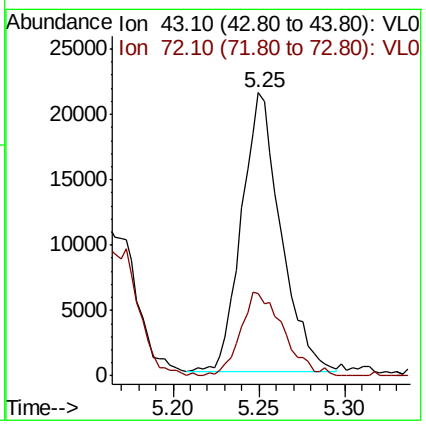


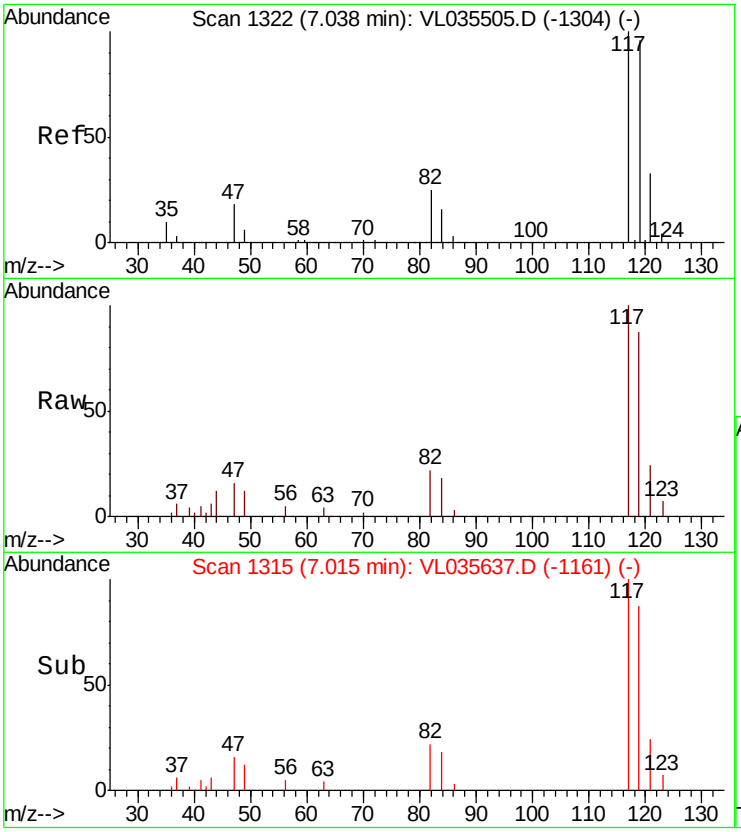


#34
2-Butanone
Concen: 0.265 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 43 Resp: 33601

Ion	Ratio	Lower	Upper
43	100		
72	33.0	27.7	41.5



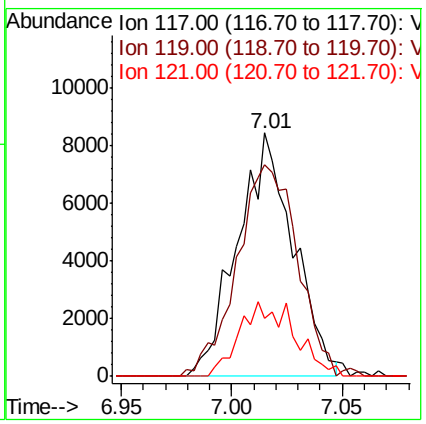


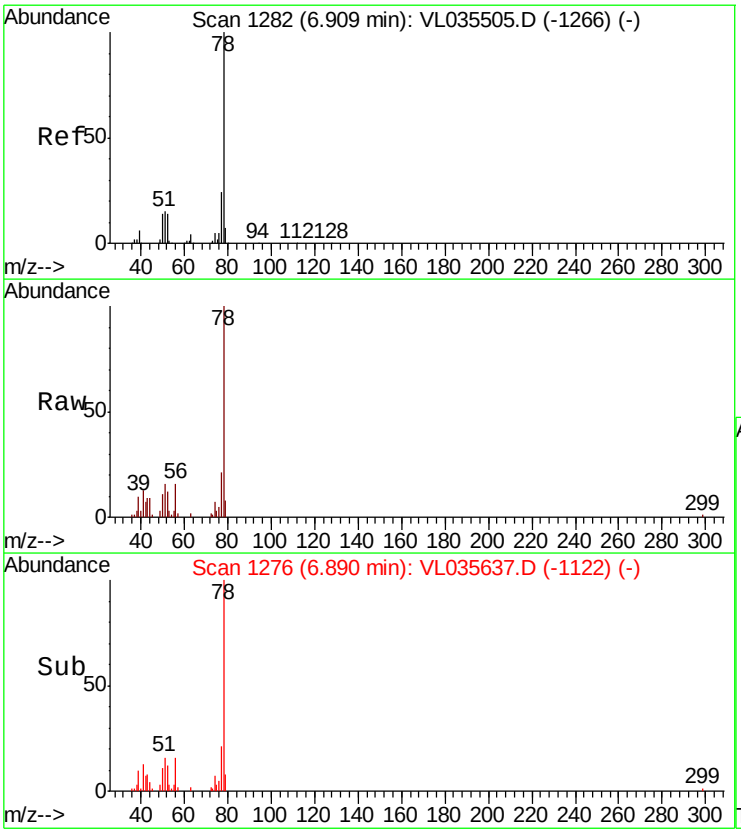
#35
Carbon Tetrachloride
Concen: 0.069 ppbv
RT: 7.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument :
MSVOA_L
ClientSampleId :
DB-IA-Y01

Tgt Ion:117 Resp: 14850

Ion	Ratio	Lower	Upper
117	100		
119	86.9	77.2	115.8
121	23.6	26.1	39.1#

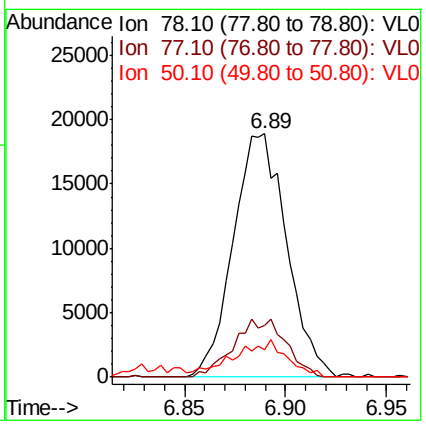


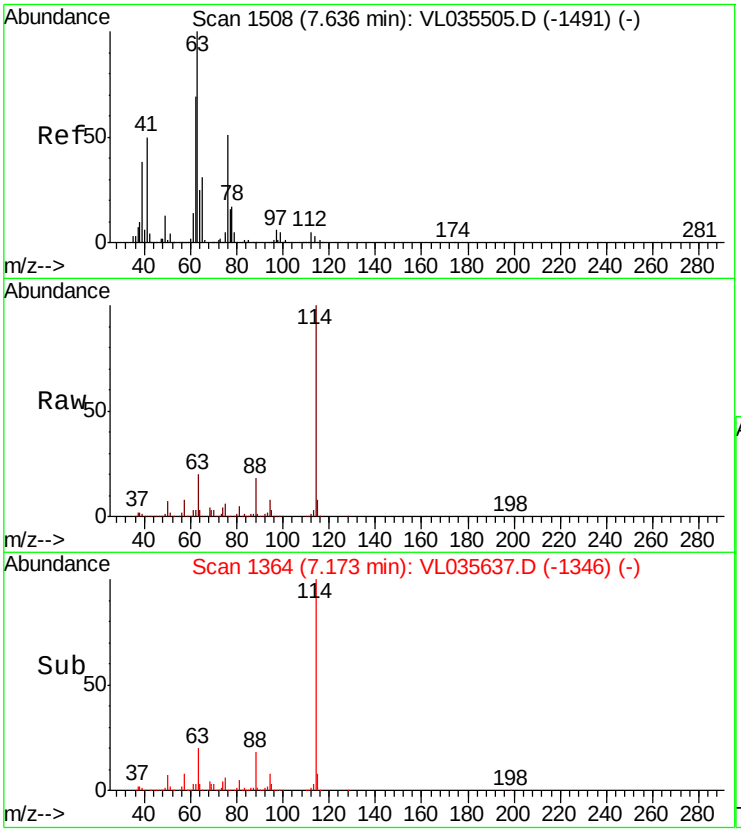


#36
Benzene
Concen: 0.127 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 78 Resp: 35047

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.3	28.9
50	11.4	11.0	16.6



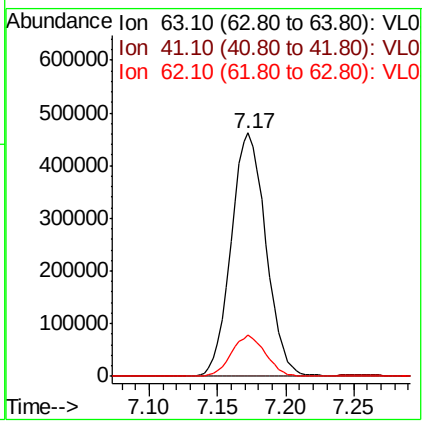


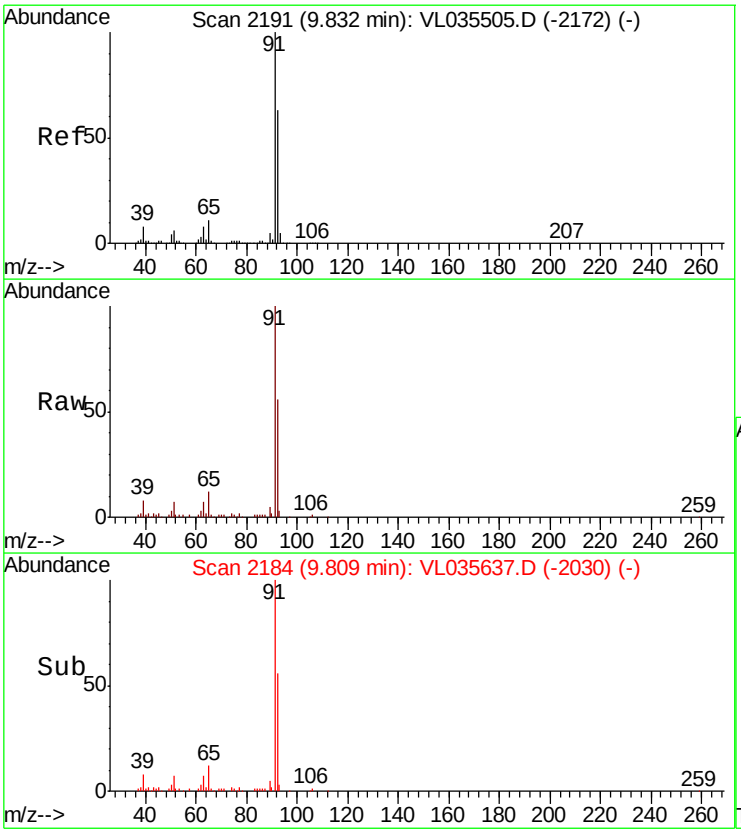
#39
1,2-Dichloropropane
Concen: 8.773 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.44 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Tgt Ion: 63 Resp: 819042

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.8	55.4	83.0#

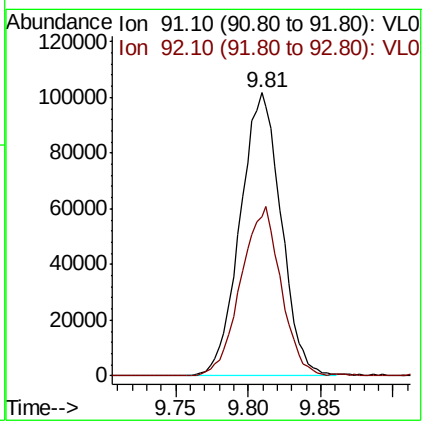


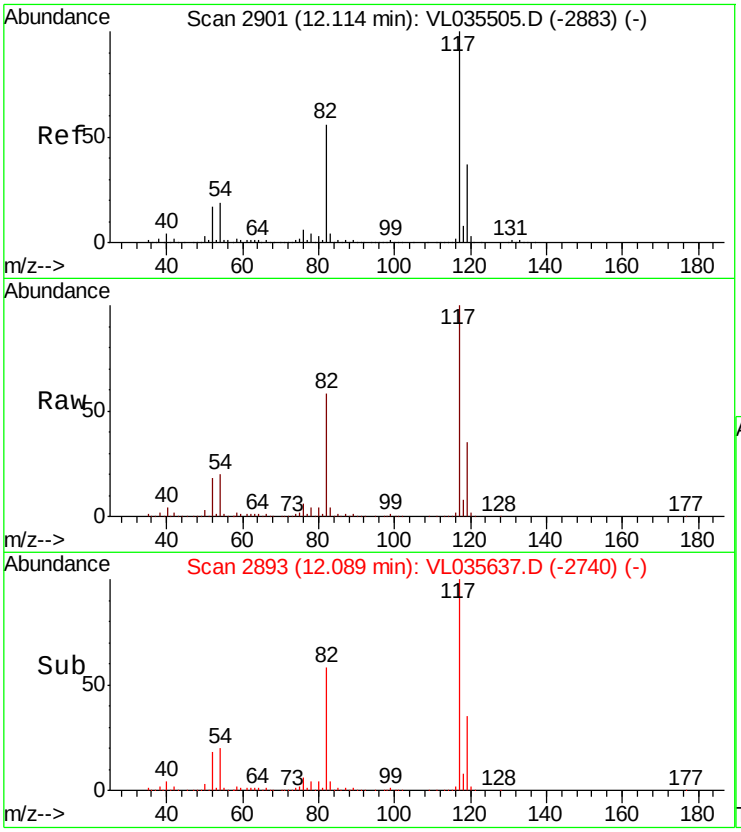


#53
Toluene
Concen: 0.574 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 91 Resp: 199593

Ion	Ratio	Lower	Upper
91	100		
92	58.8	49.8	74.8



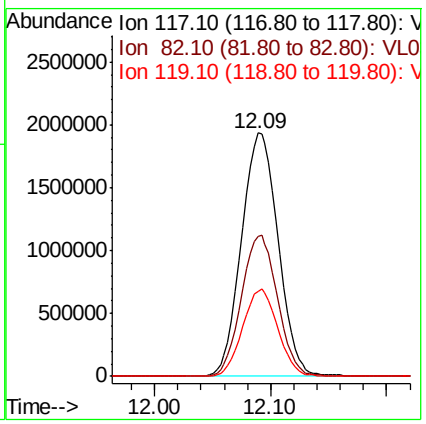


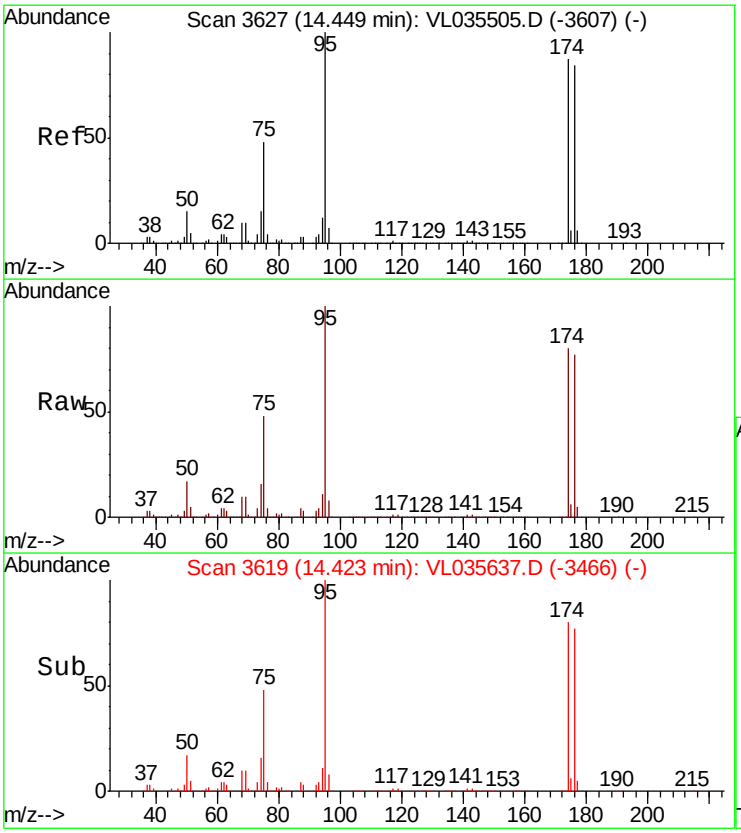
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Instrument : MSVOA_L
ClientSampleId : DB-IA-Y01

Tgt Ion:117 Resp: 4267429

Ion	Ratio	Lower	Upper
117	100		
82	57.5	41.6	62.4
119	34.7	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.454 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL035637.D
Acq: 16 Sep 2020 20:25

Tgt Ion: 95 Resp: 3167999

Ion	Ratio	Lower	Upper
95	100		
174	79.3	69.6	104.4
175	5.7	5.1	7.7