Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036166.D
Acq On : 16 Dec 2020 14:48
Operator : SY/AP
Sample : L5082-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 17 03:39:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1363195	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.16	114	2767763	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.07	117	2535272	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2264867	11.25	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 112.50%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.97	51	9641	0.062	ppbv		100
9) Propene	3.34	41	4657	0.060	ppbv		84
10) Heptane	8.10	43	22665	0.114	ppbv	#	62
13) Ethanol	3.59	45	6496	0.605	ppbv	#	29
15) Acetone	3.84	43	228612	1.395	ppbv	#	84
20) Methylene Chloride	4.32	84	87660	1.306	ppbv		95
25) Ethyl Acetate	5.67	43	169877	0.519	ppbv	#	77
26) Hexane	5.66	57	239275	1.624	ppbv	#	38
27) Carbon Disulfide	4.53	76	6032	0.041	ppbv	#	1
29) Chloroform	5.73	83	12523	0.065	ppbv		87
34) 2-Butanone	5.23	43	26804	0.146	ppbv	#	55
36) Benzene	6.87	78	10835	0.046	ppbv	#	68
39) 1,2-Dichloropropane	7.20	63	11300	0.122	ppbv	#	24
51) 2-Hexanone	10.10	43	17248	0.081	ppbv	#	29
52) Tetrachloroethene	11.20	164	13764	0.162	ppbv	#	81
53) Toluene	9.78	91	77909	0.296	ppbv		99
57) Chlorobenzene	12.13	112	10375	0.058	ppbv	#	55
58) Ethyl Benzene	12.94	91	42194	0.121	ppbv		98
60) o-Xylene	13.67	91	36394	0.132	ppbv		72
63) 1,1,2,2-Tetrachloroethane	13.65	83	36861	0.199	ppbv	#	81
64) n-propylbenzene	15.53	120	3211	0.033	ppbv	#	1
71) 2-Chlorotoluene	15.55	91	27194	0.088	ppbv		80
73) 1,3,5-Trimethylbenzene	15.98	105	14668	0.051	ppbv	#	77
74) 1,2,4-Trimethylbenzene	16.73	105	10628	0.037	ppbv	#	61

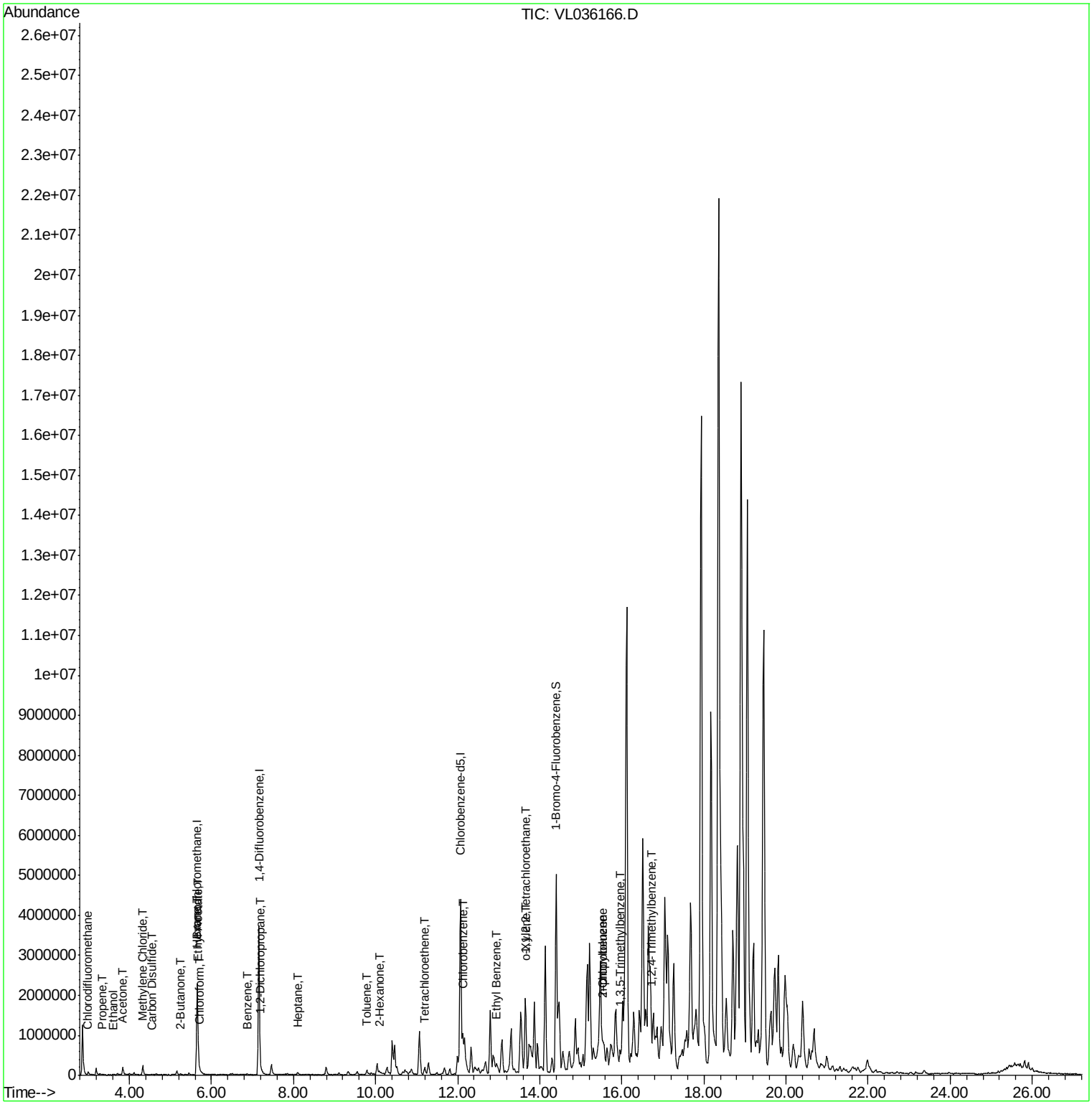
(#) = qualifier out of range (m) = manual integration (+) = signals summed

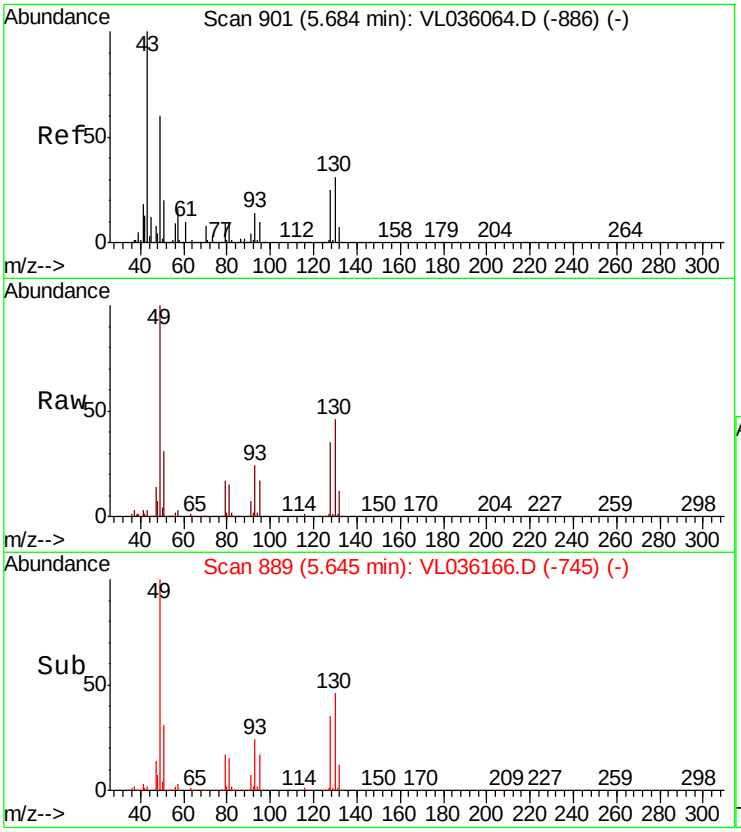
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036166.D
Acq On : 16 Dec 2020 14:48
Operator : SY/AP
Sample : L5082-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 17 03:39:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



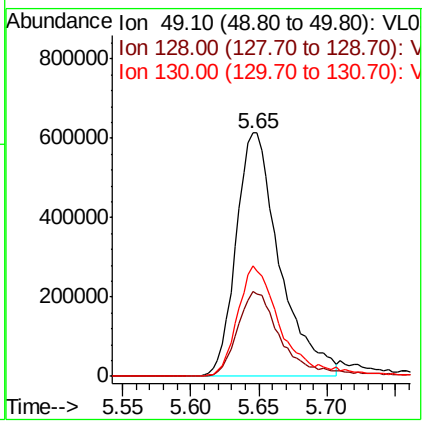


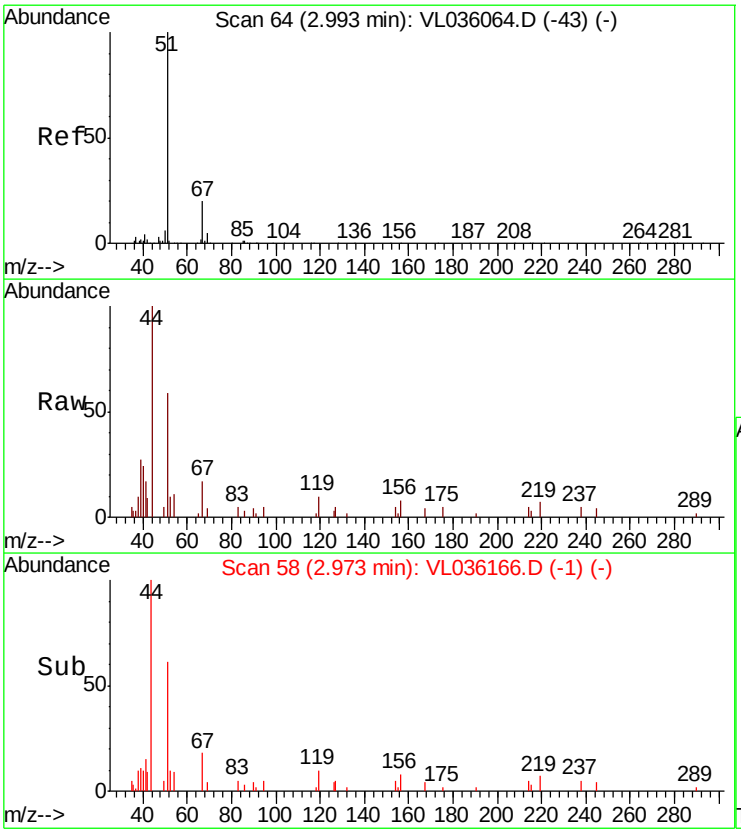
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1363195

Ion	Ratio	Lower	Upper
49	100		
128	36.2	21.1	63.1
130	46.3	27.1	81.3

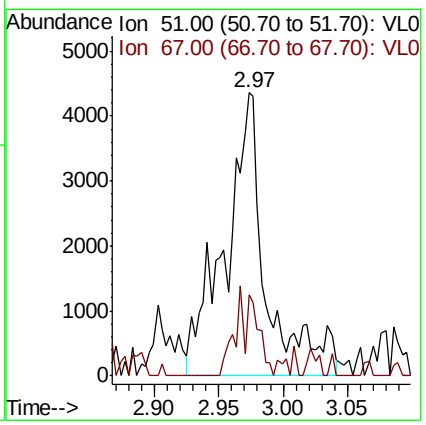


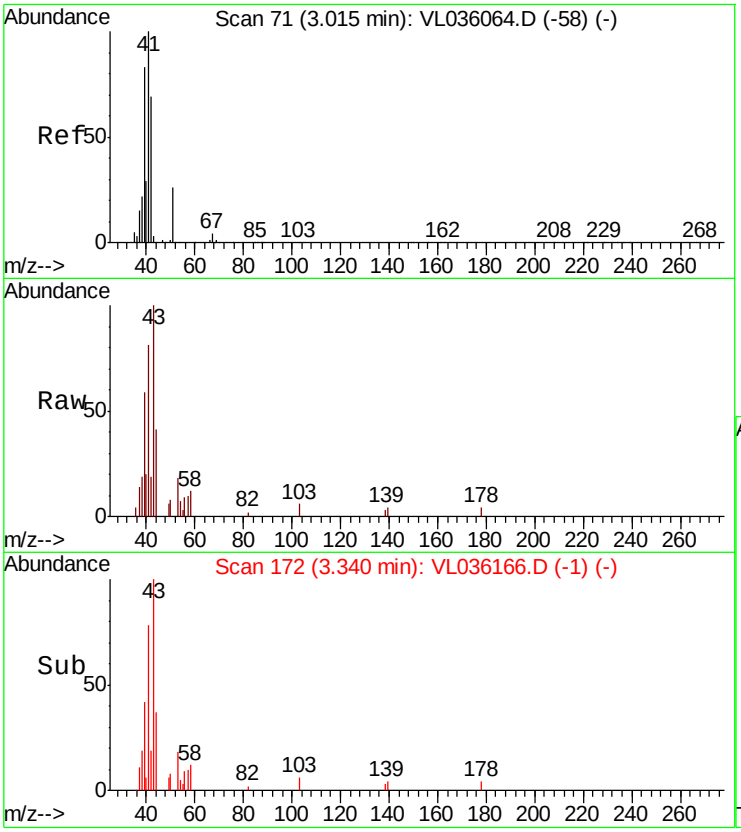


#3
Chlorodifluoromethane
Concen: 0.062 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.02 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 51 Resp: 9641

Ion	Ratio	Lower	Upper
51	100		
67	18.0	14.3	21.5



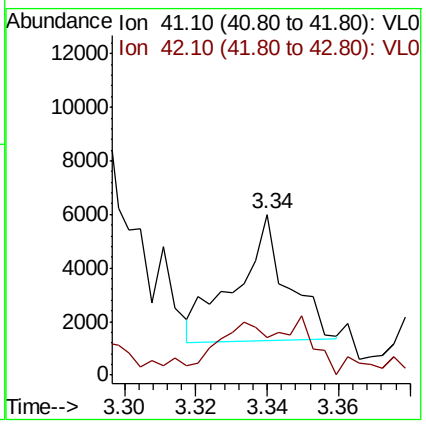


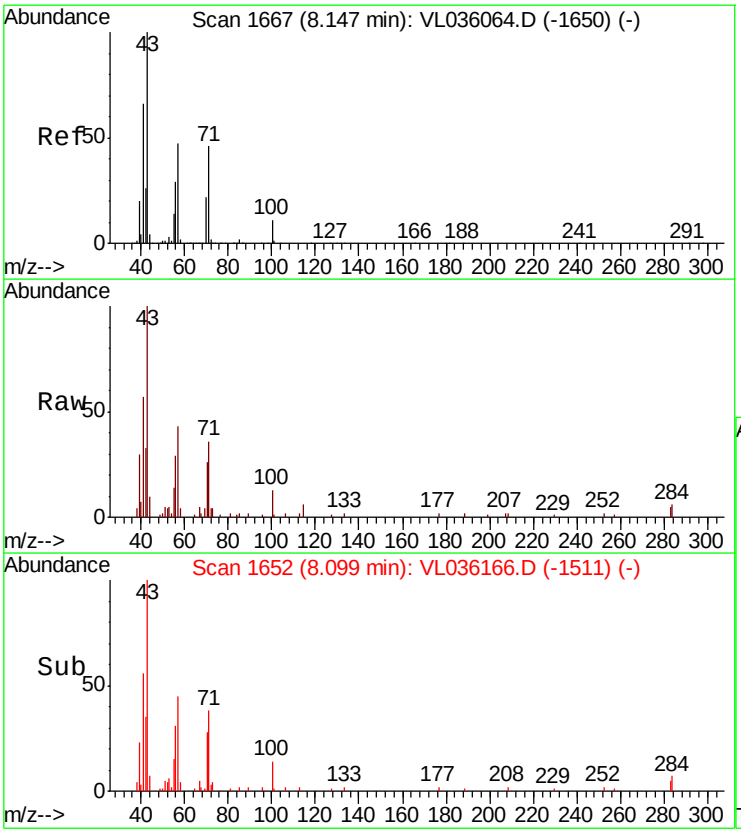
#9
Propene
Concen: 0.060 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.32 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 4657

Ion	Ratio	Lower	Upper
41	100		
42	84.7	57.0	85.6

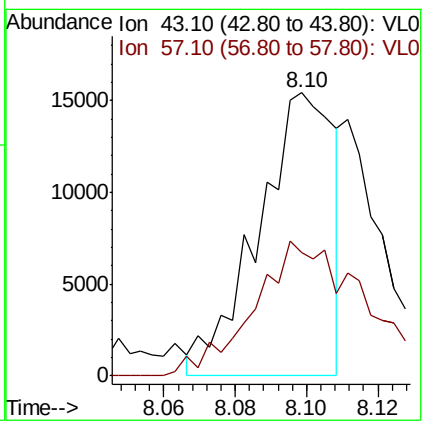


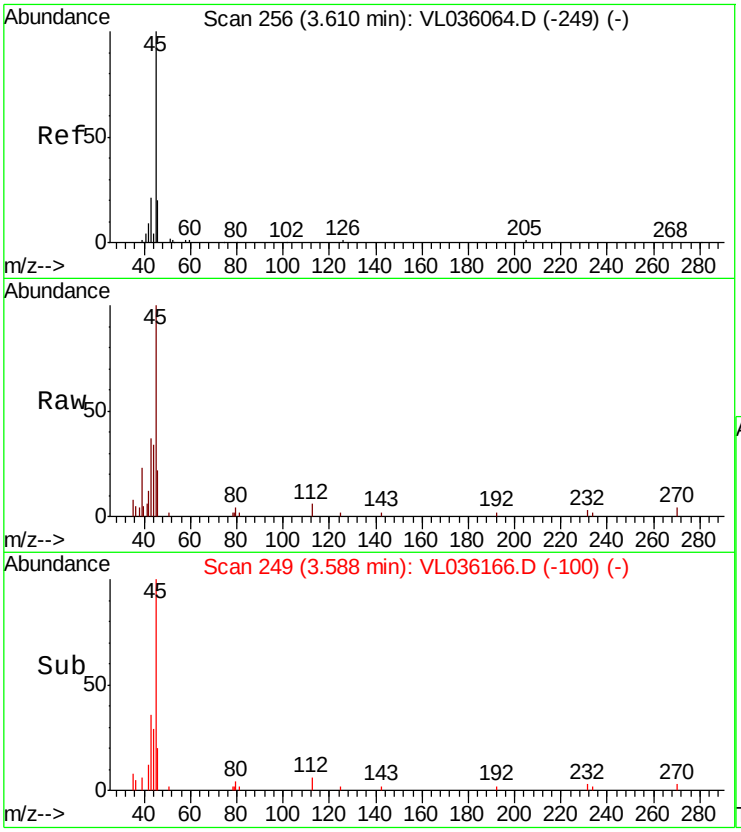


#10
Heptane
Concen: 0.114 ppbv
RT: 8.10 min Scan# 1652
Delta R.T. -0.05 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 43 Resp: 22665

Ion	Ratio	Lower	Upper
43	100		
57	72.8	37.9	56.9#



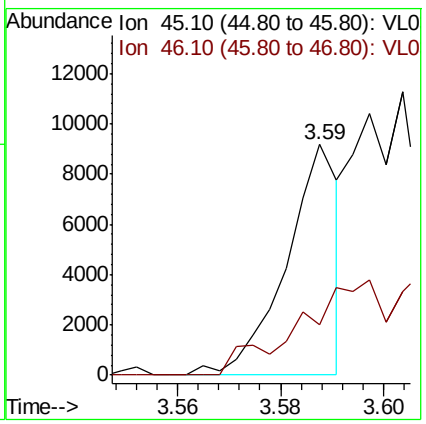


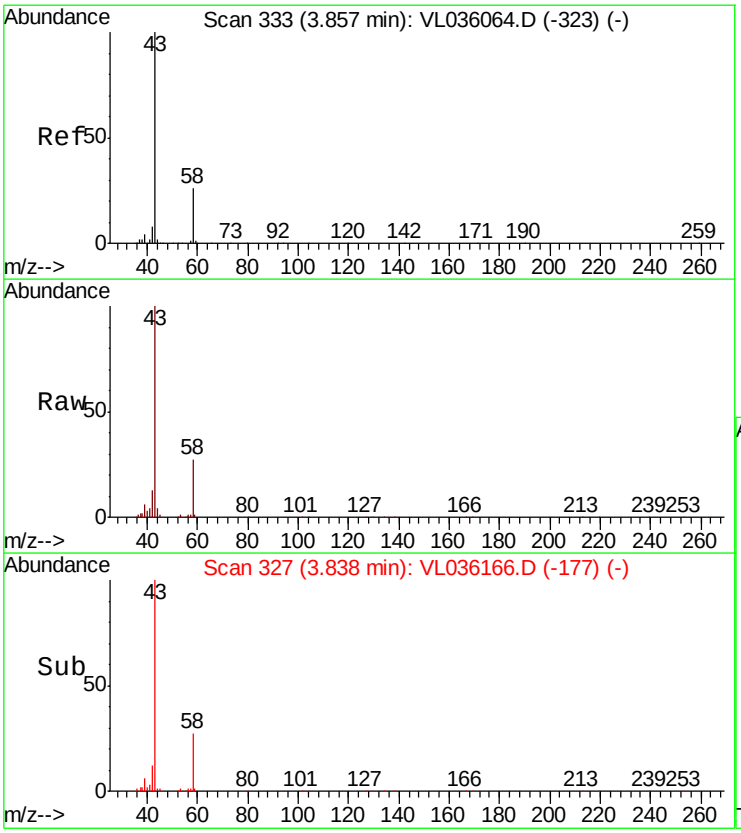
#13
Ethanol
Concen: 0.605 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 6496

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.0	75.8#

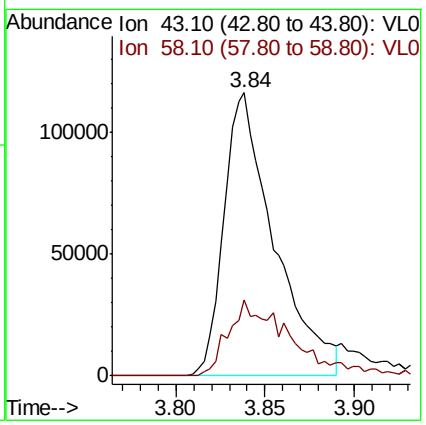


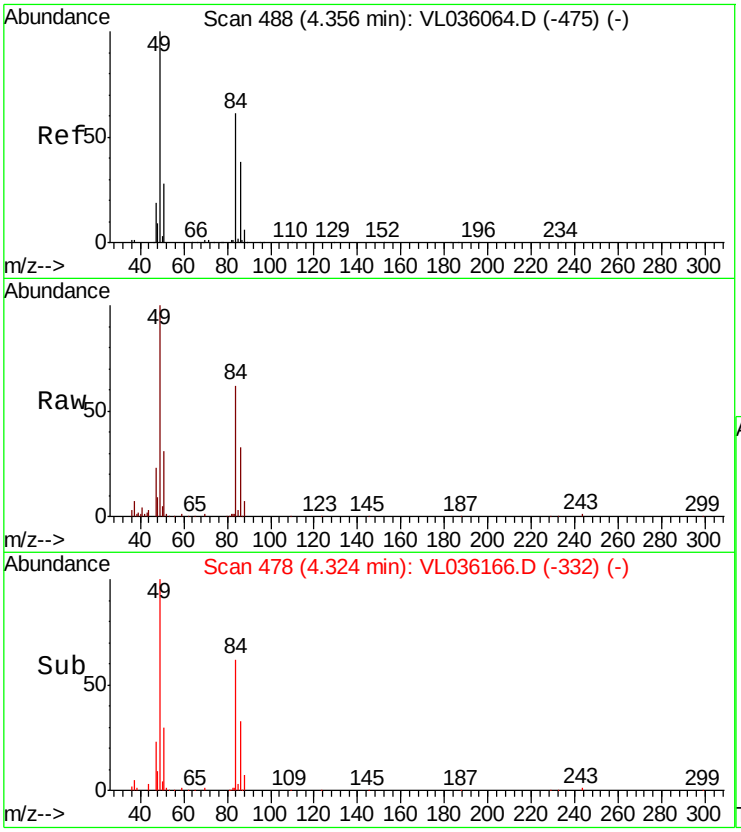


#15
Acetone
Concen: 1.395 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 43 Resp: 228612

Ion	Ratio	Lower	Upper
43	100		
58	34.1	20.9	31.3#



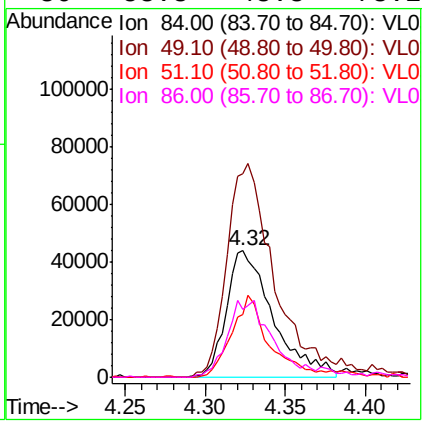


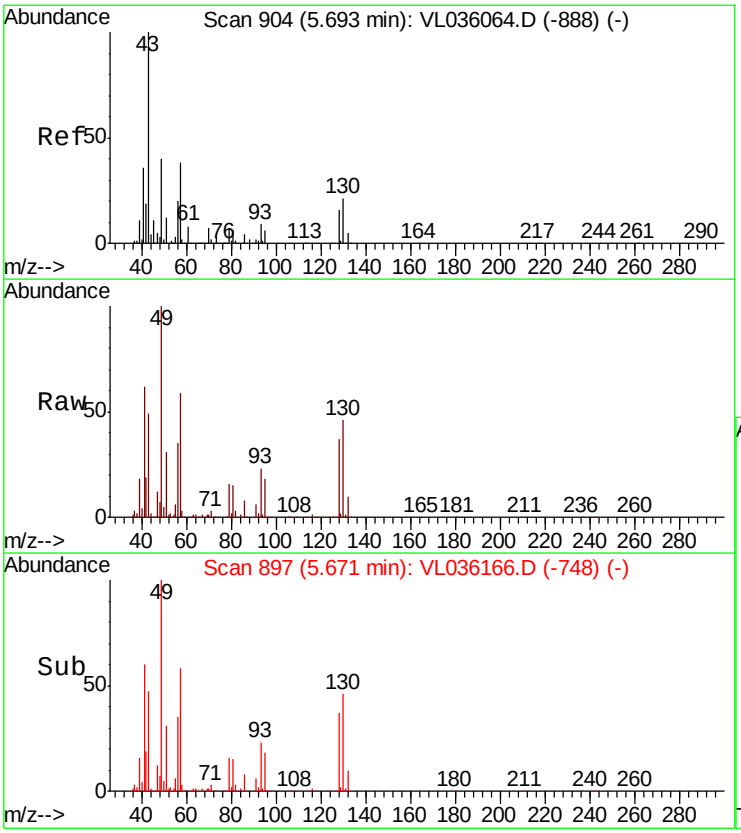
#20
Methylene Chloride
Concen: 1.306 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 87660

Ion	Ratio	Lower	Upper
84	100		
49	160.9	133.0	199.4
51	49.7	38.9	58.3
86	53.8	48.8	73.2

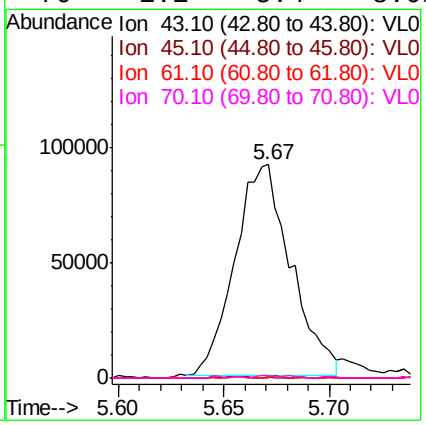


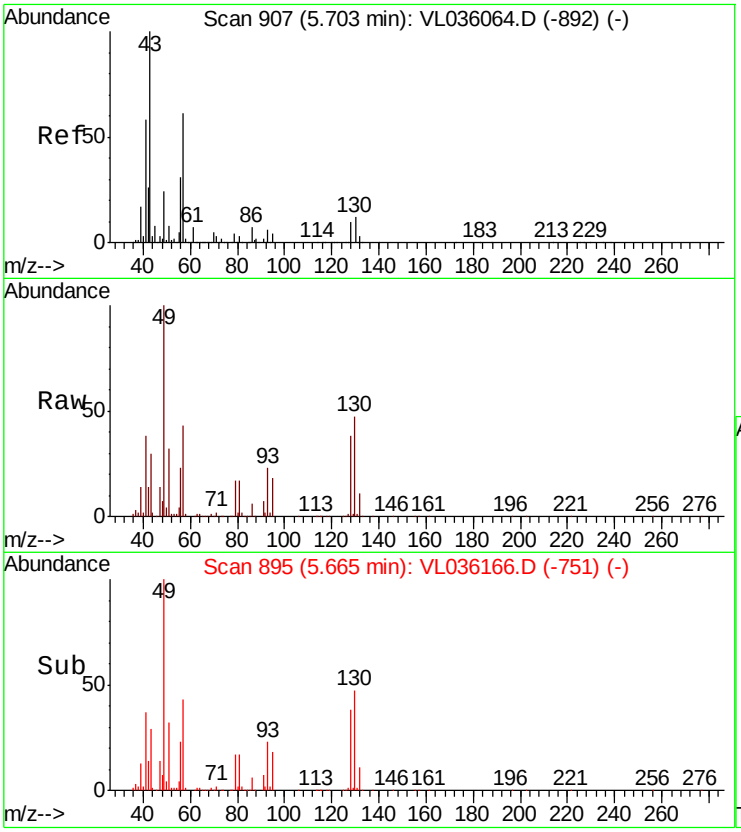


#25
Ethyl Acetate
Concen: 0.519 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 43 Resp: 169877

Ion	Ratio	Lower	Upper
43	100		
45	0.6	8.2	12.4#
61	0.0	7.4	11.2#
70	1.1	5.4	8.0#



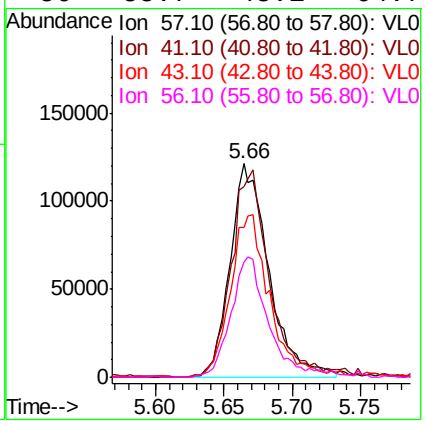


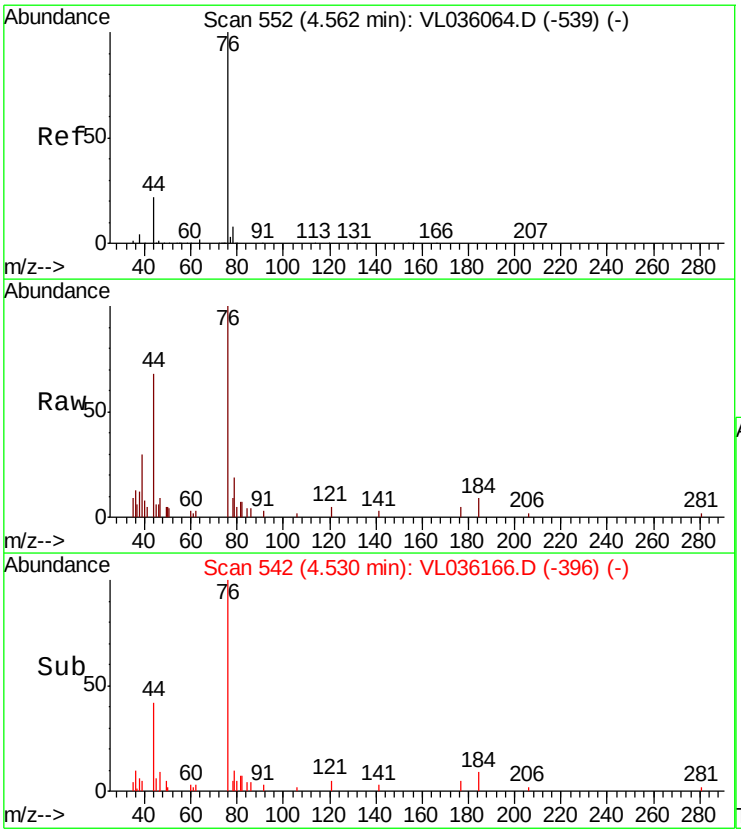
#26
Hexane
Concen: 1.624 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 239275

Ion	Ratio	Lower	Upper
57	100		
41	99.1	82.9	124.3
43	77.9	199.9	299.9#
56	55.7	43.1	64.7

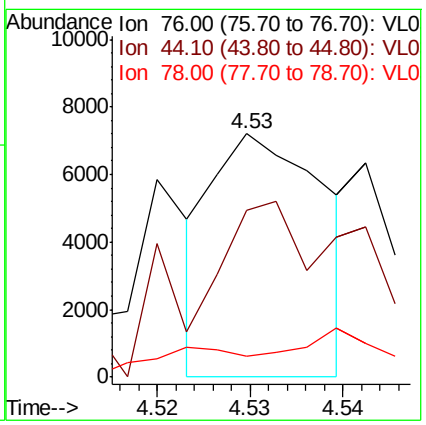


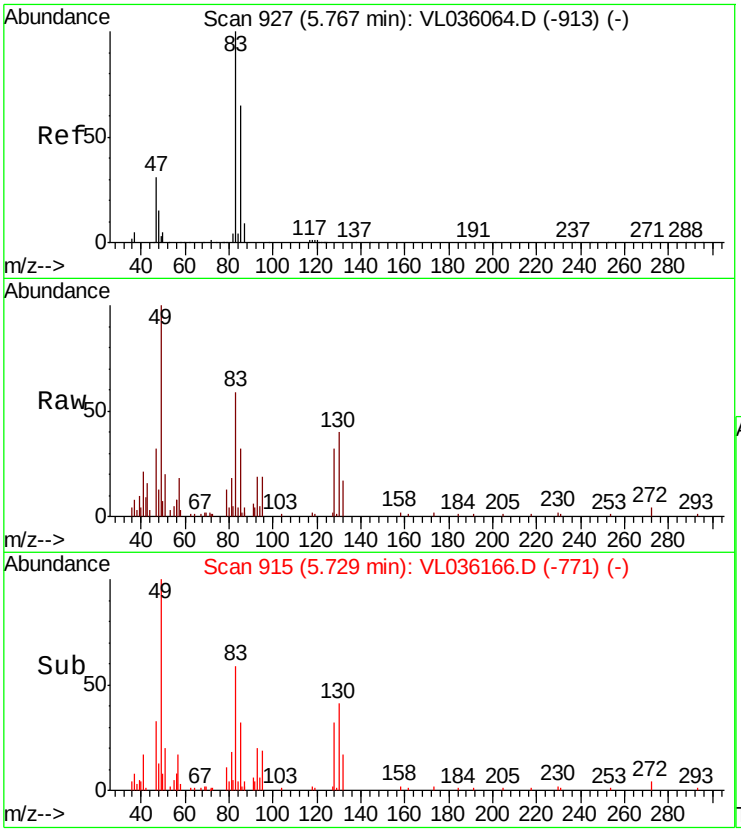


#27
Carbon Disulfide
Concen: 0.041 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.03 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 76 Resp: 6032

Ion	Ratio	Lower	Upper
76	100		
44	128.2	17.9	26.9#
78	0.0	7.8	11.8#



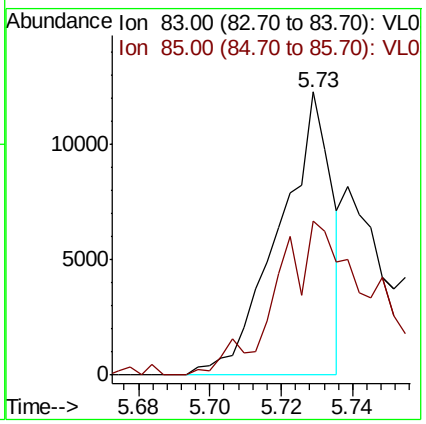


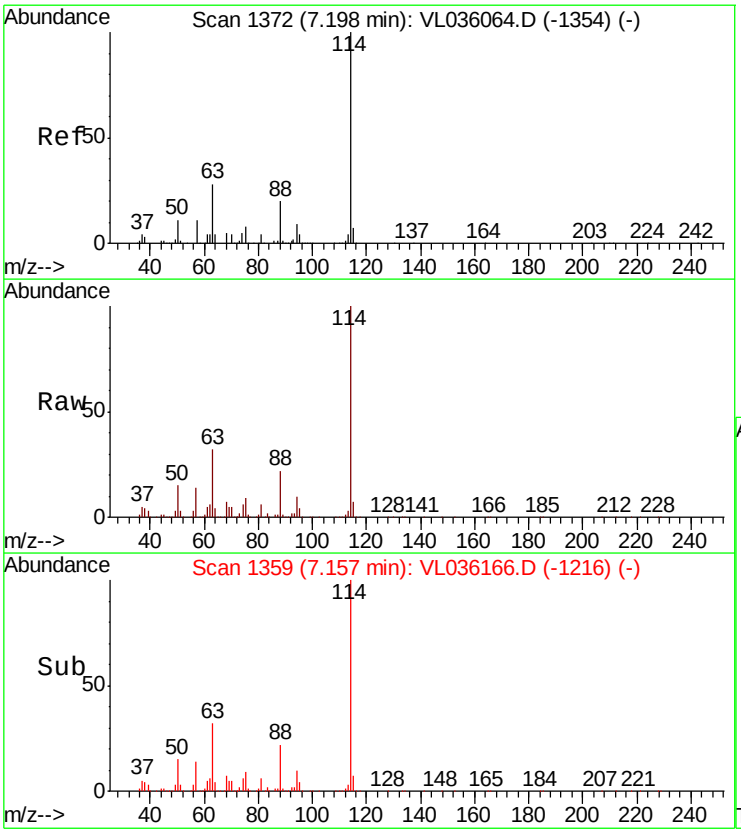
#29
Chloroform
Concen: 0.065 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 12523

Ion	Ratio	Lower	Upper
83	100		
85	54.5	51.8	77.6

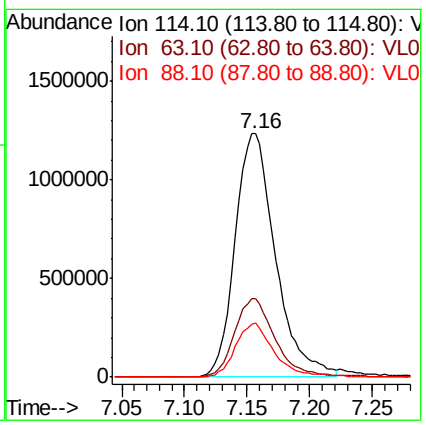


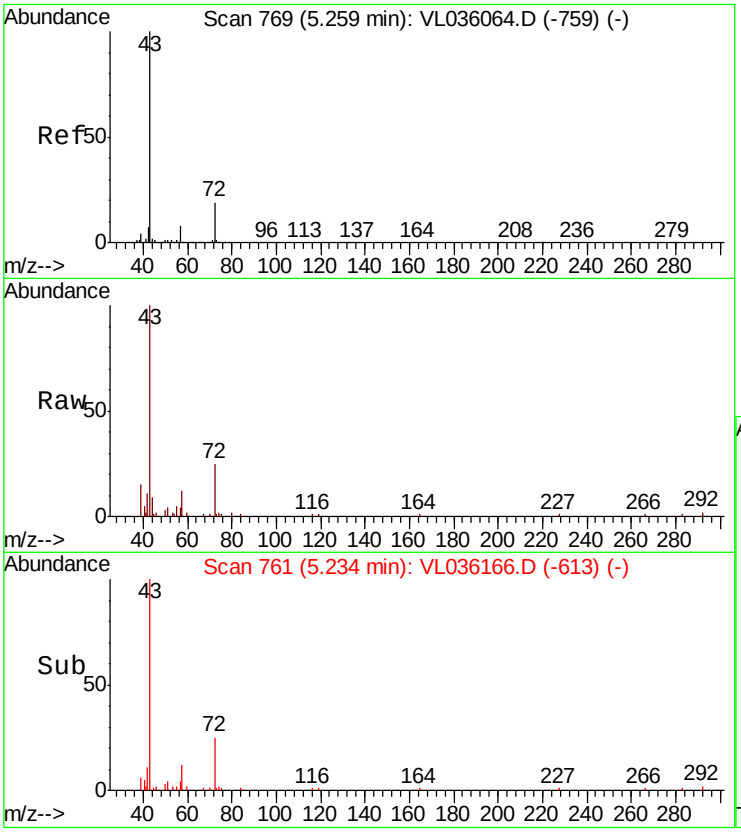


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion:114 Resp: 2767763

Ion	Ratio	Lower	Upper
114	100		
63	33.0	23.6	35.4
88	21.6	15.8	23.6



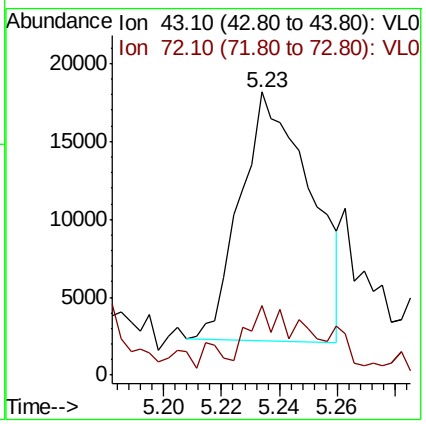


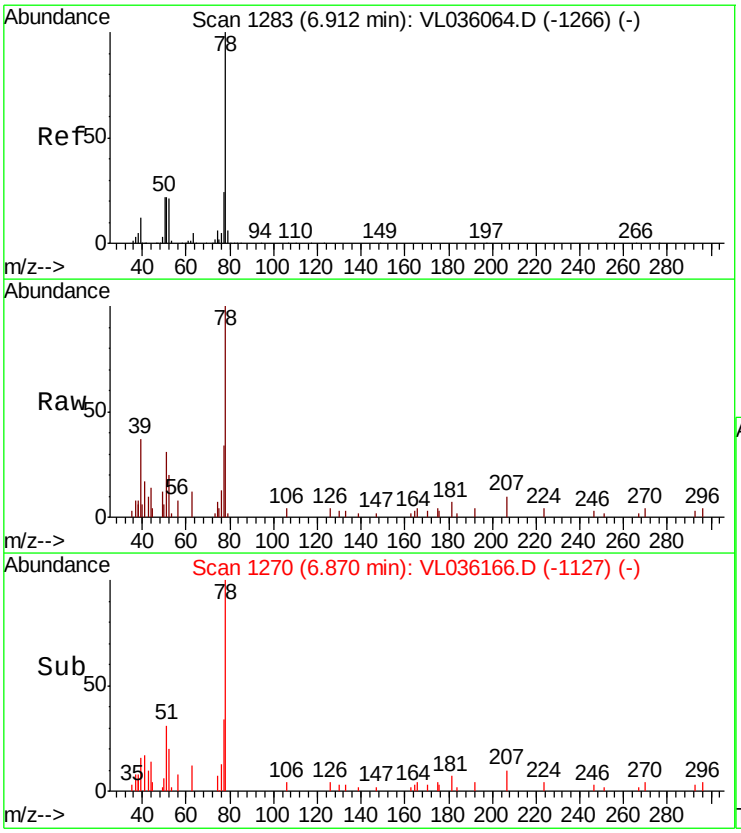
#34
2-Butanone
Concen: 0.146 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.03 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 26804

Ion	Ratio	Lower	Upper
43	100		
72	41.3	16.5	24.7#

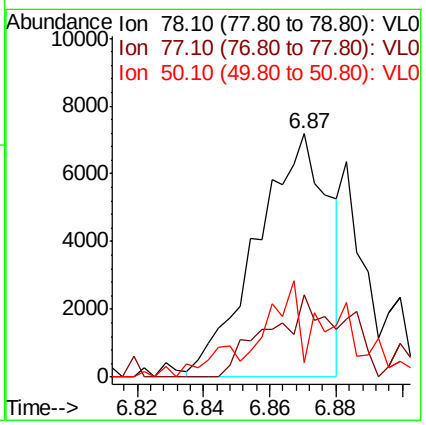


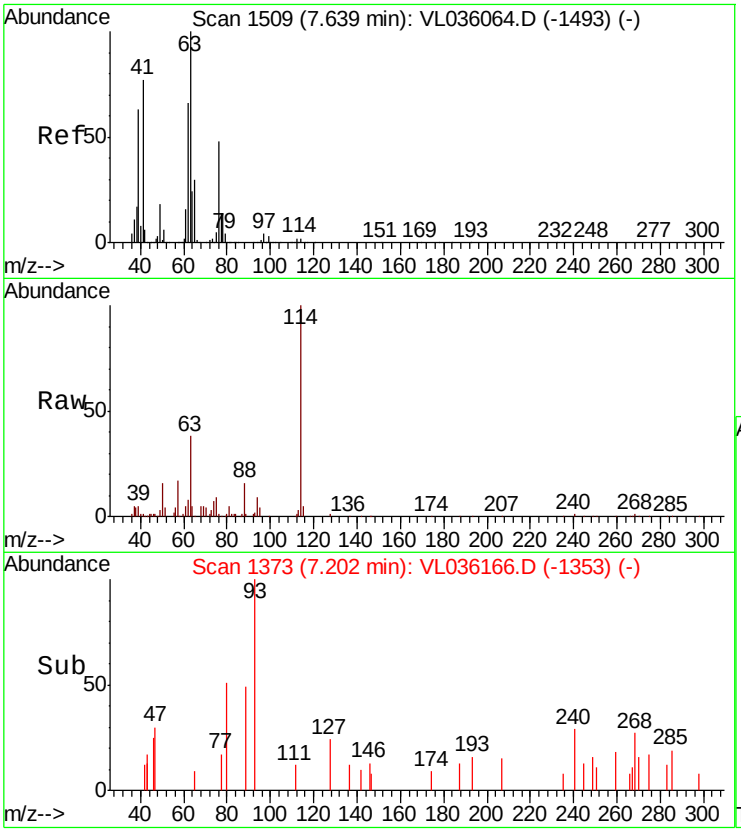


#36
Benzene
Concen: 0.046 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 78 Resp: 10835

Ion	Ratio	Lower	Upper
78	100		
77	34.7	19.4	29.2#
50	1.0	17.8	26.8#



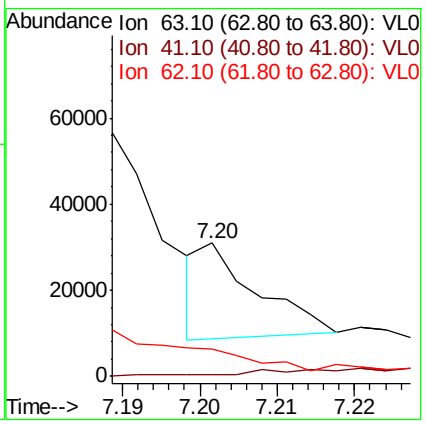


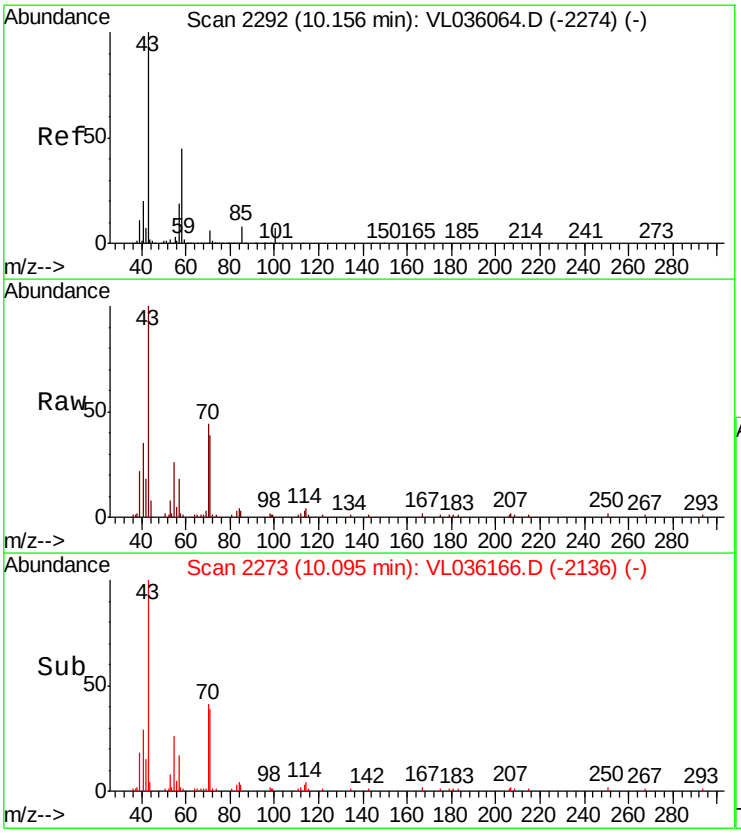
#39
1,2-Dichloropropane
Concen: 0.122 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.44 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 11300

Ion	Ratio	Lower	Upper
63	100		
41	0.4	61.9	92.9#
62	17.2	52.5	78.7#

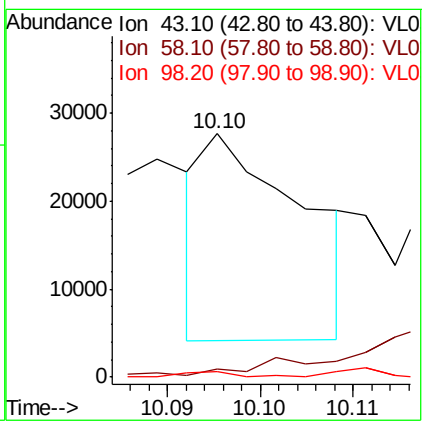


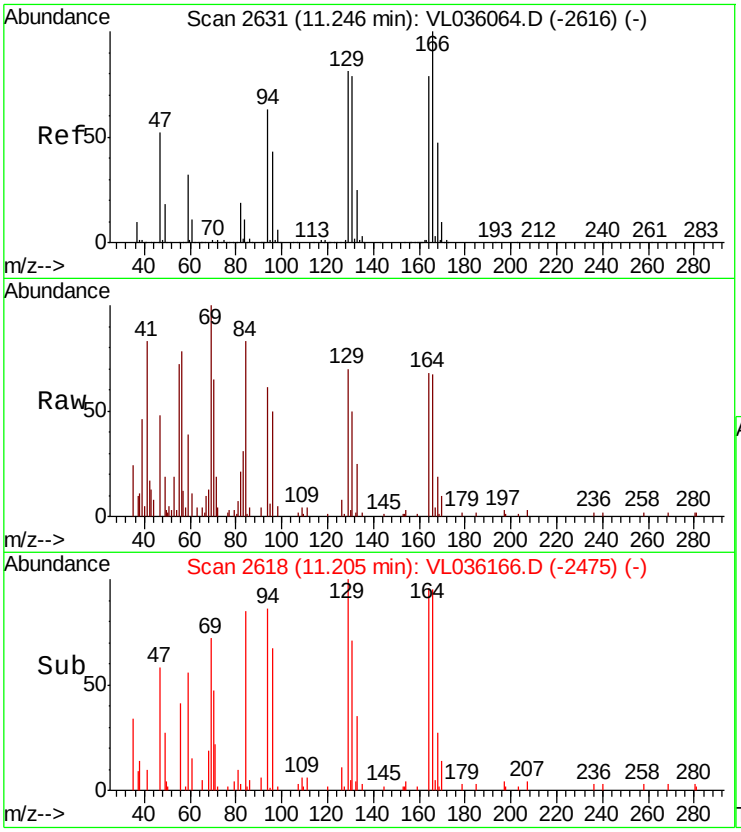


#51
2-Hexanone
Concen: 0.081 ppbv
RT: 10.10 min Scan# 2273
Delta R.T. -0.06 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 43 Resp: 17248

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.7	58.1#
98	0.0	0.1	0.1#



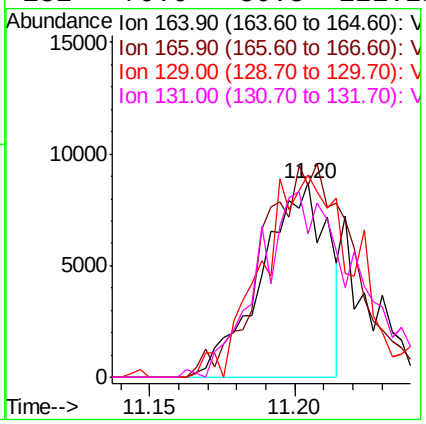


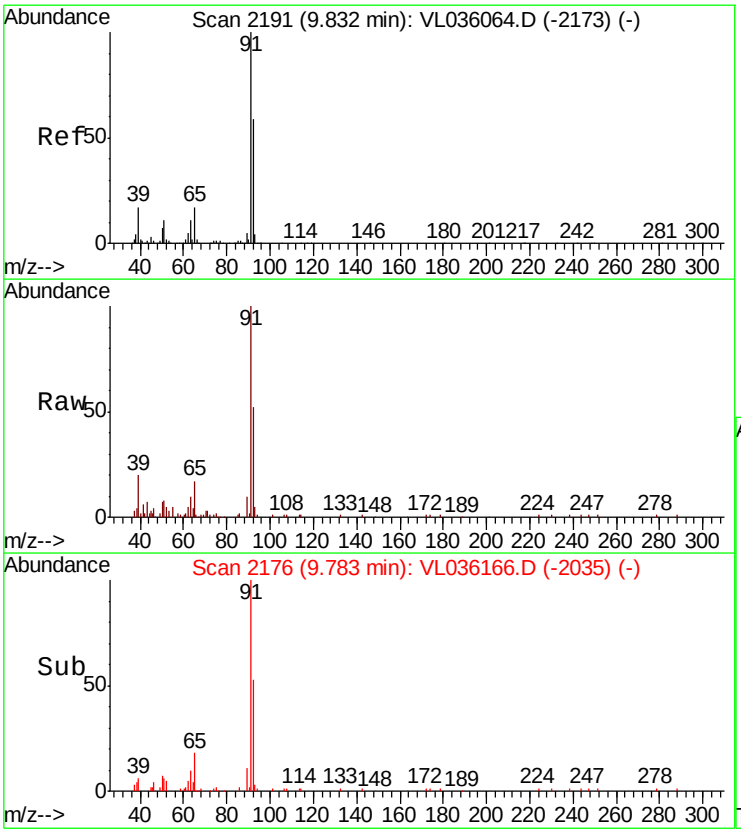
#52
Tetrachloroethene
Concen: 0.162 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 13764

Ion	Ratio	Lower	Upper
164	100		
166	98.7	101.9	152.9#
129	103.8	82.1	123.1
131	70.0	80.8	121.2#

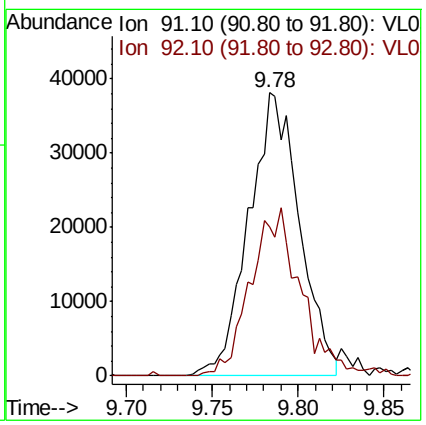


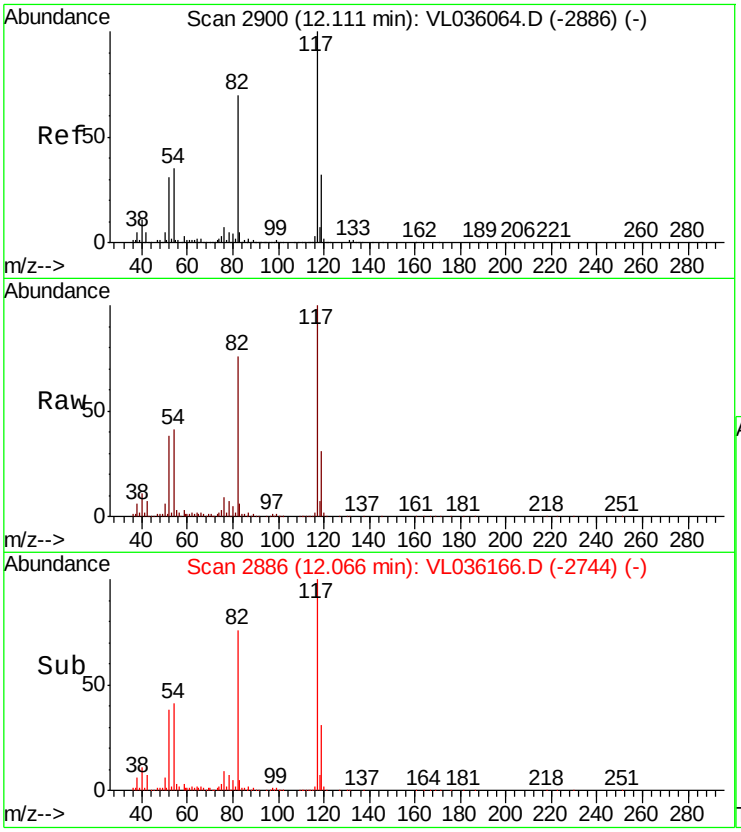


#53
Toluene
Concen: 0.296 ppbv
RT: 9.78 min Scan# 2176
Delta R.T. -0.05 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 91 Resp: 77909

Ion	Ratio	Lower	Upper
91	100		
92	59.2	48.2	72.2



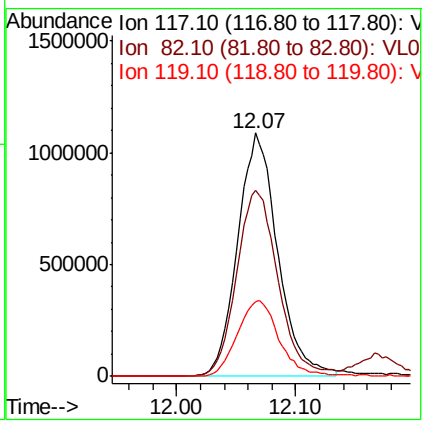


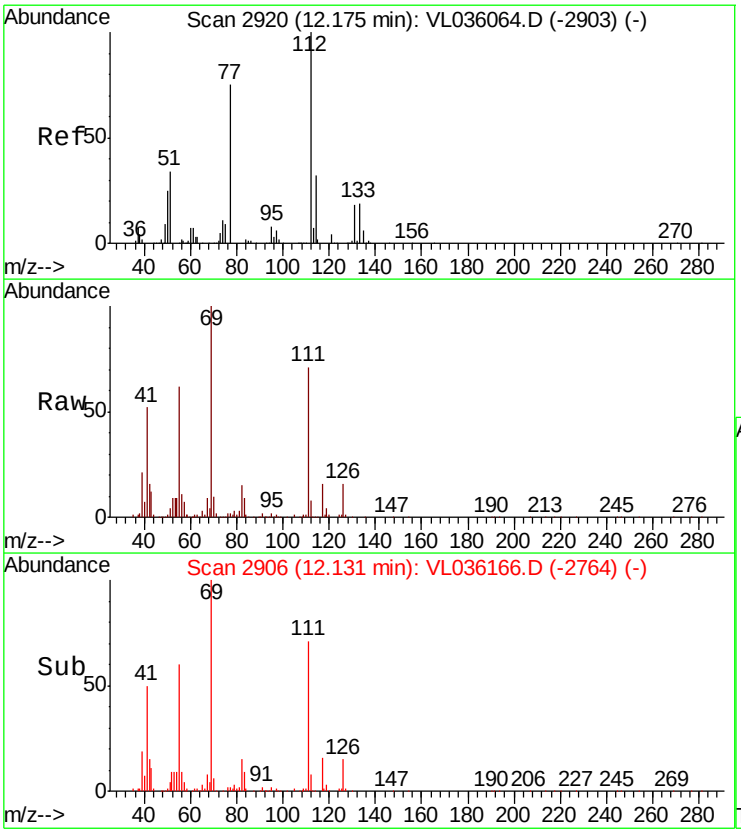
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2535272

Ion	Ratio	Lower	Upper
117	100		
82	78.9	0.0	0.0#
119	32.8	0.0	0.0#

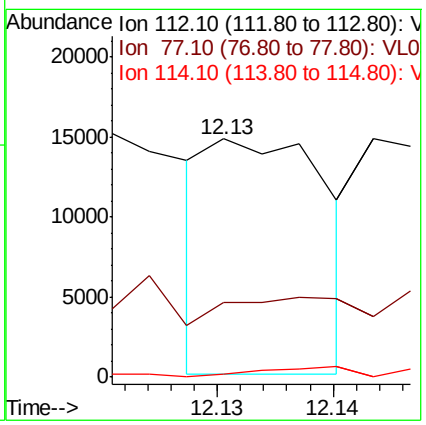


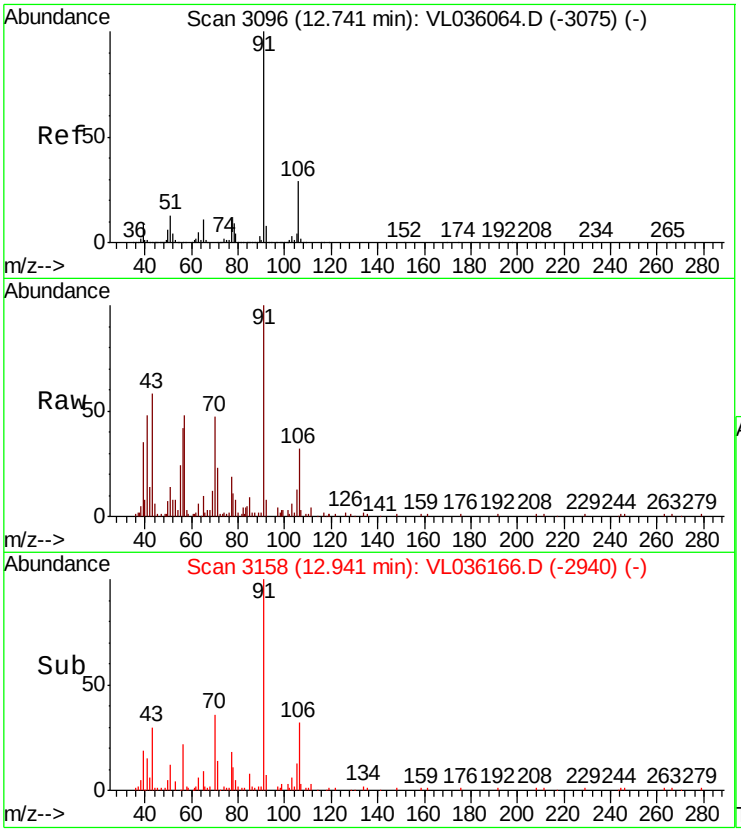


#57
Chlorobenzene
Concen: 0.058 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion:112 Resp: 10375

Ion	Ratio	Lower	Upper
112	100		
77	38.1	60.5	90.7#
114	5.7	29.2	35.6#



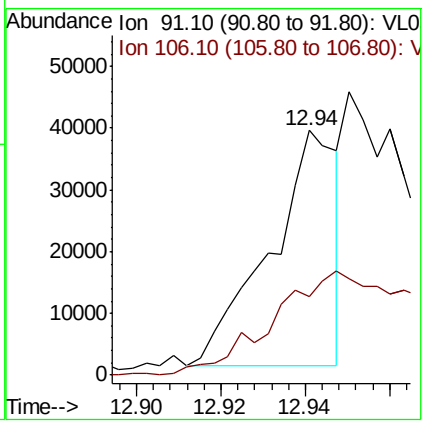


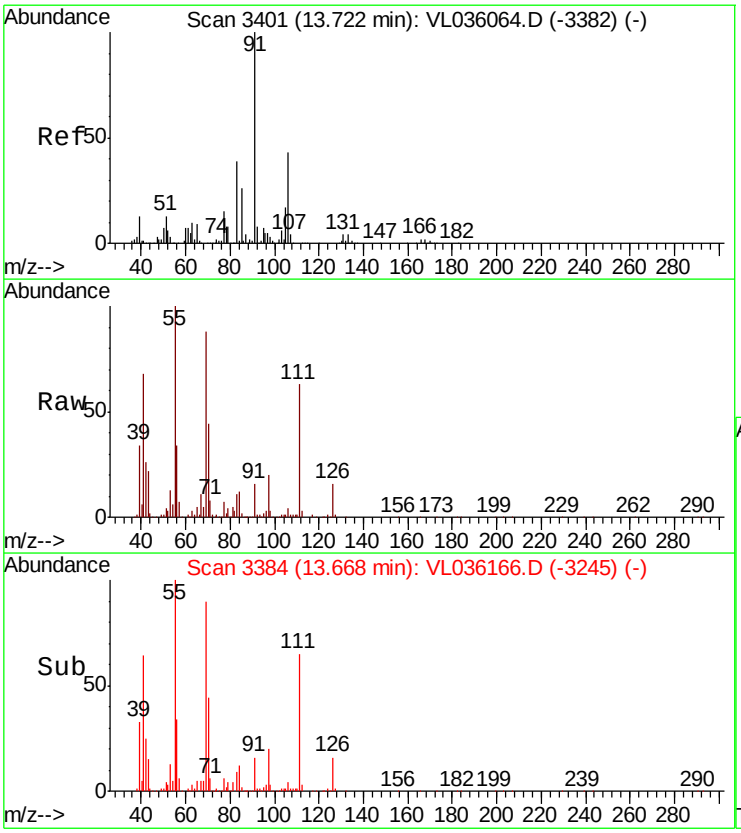
#58
Ethyl Benzene
Concen: 0.121 ppbv
RT: 12.94 min Scan# 3158
Delta R.T. 0.20 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 42194

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.0	34.4

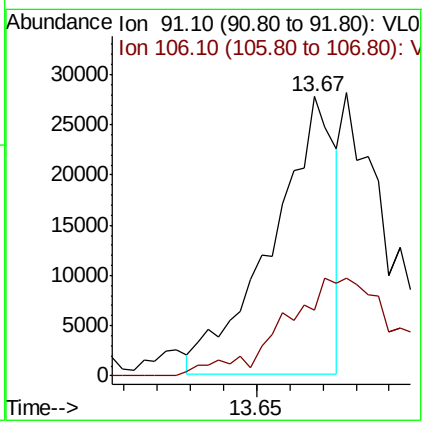


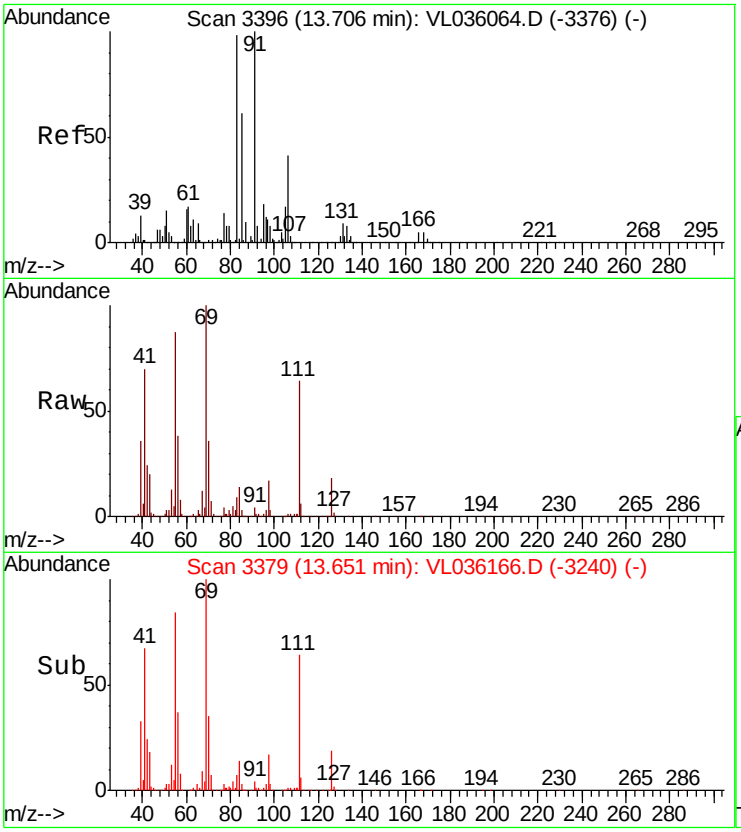


#60
o-Xylene
Concen: 0.132 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.05 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 91 Resp: 36394

Ion	Ratio	Lower	Upper
91	100		
106	61.3	21.6	64.6



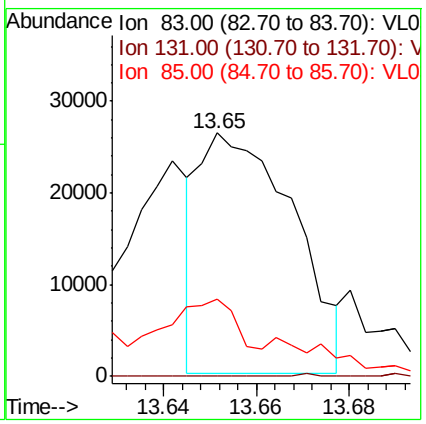


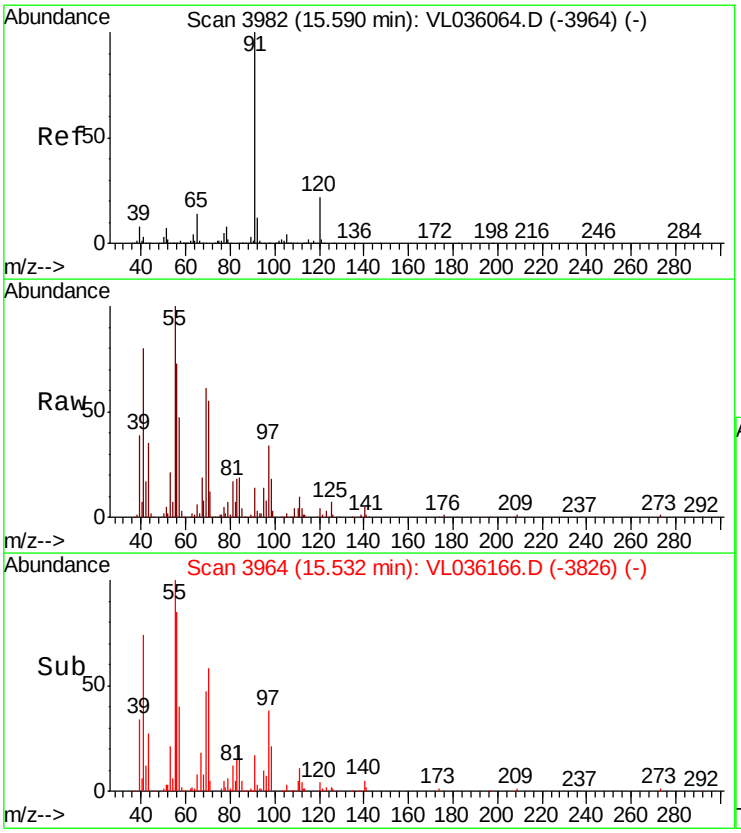
#63
1,1,2,2-Tetrachloroethane
Concen: 0.199 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.05 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 36861

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	50.8	32.5	97.5

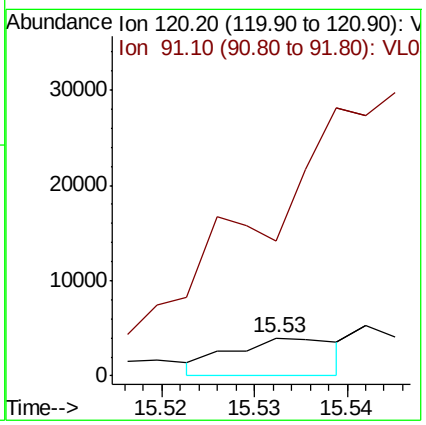


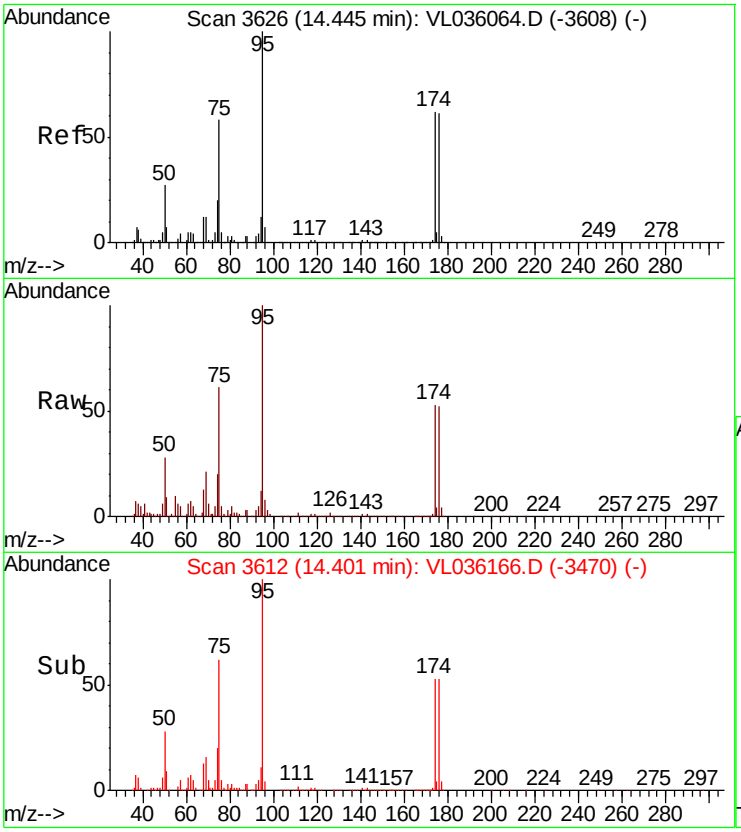


#64
n-propylbenzene
Concen: 0.033 ppbv
RT: 15.53 min Scan# 3964
Delta R.T. -0.06 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion:120 Resp: 3211

Ion	Ratio	Lower	Upper
120	100		
91	0.0	388.9	583.3#



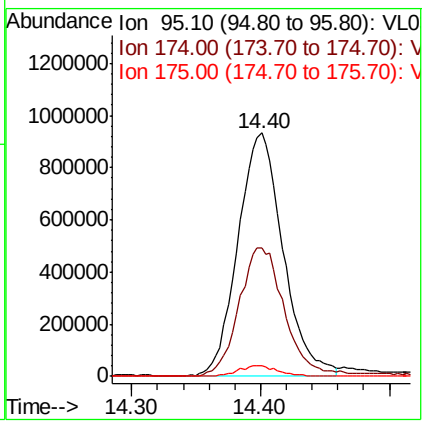


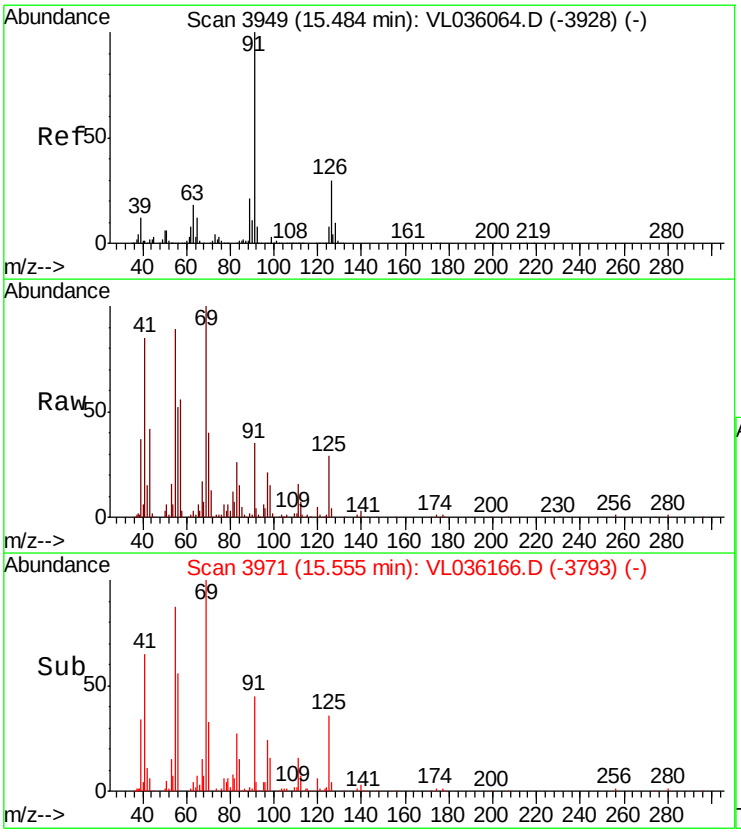
#68
1-Bromo-4-Fluorobenzene
Concen: 11.251 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.04 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2264867

Ion	Ratio	Lower	Upper
95	100		
174	55.2	50.7	76.1
175	4.1	4.0	6.0

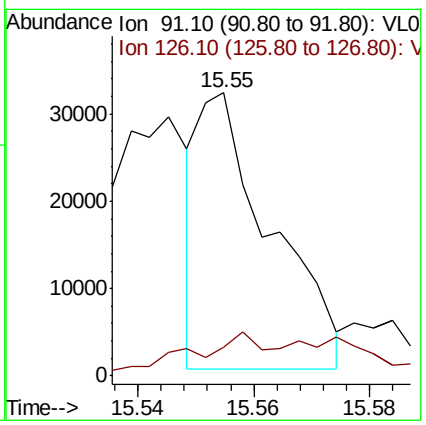


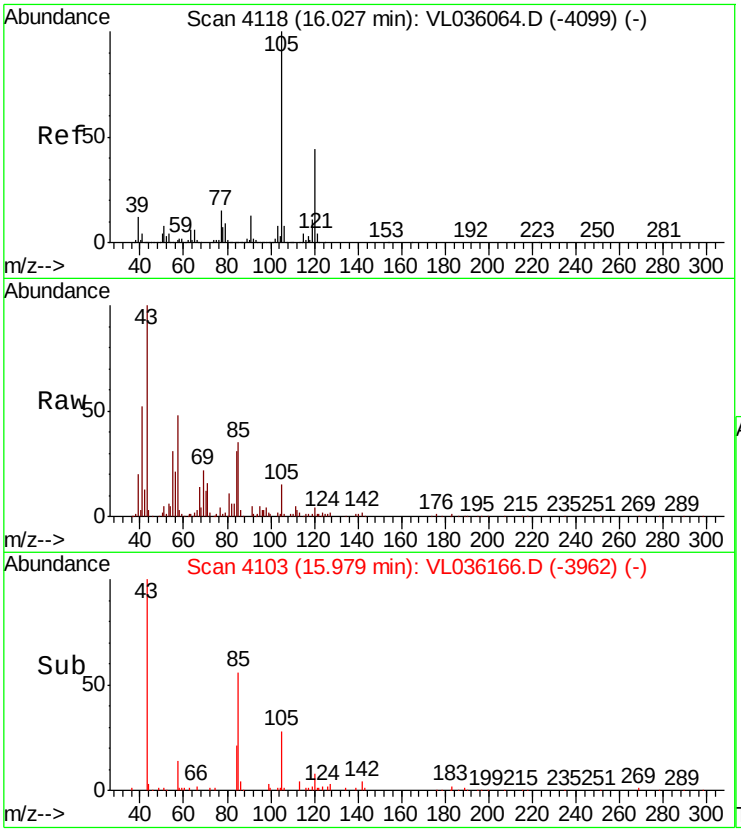


#71
2-Chlorotoluene
Concen: 0.088 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.07 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion: 91 Resp: 27194

Ion	Ratio	Lower	Upper
91	100		
126	39.9	11.6	46.4



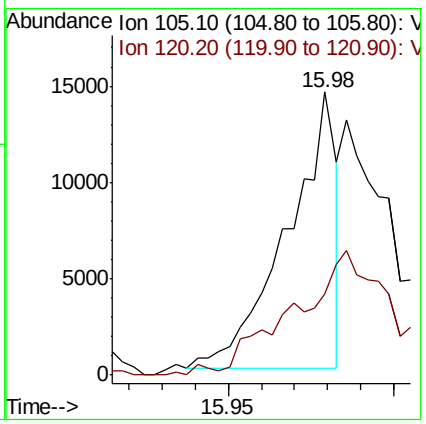


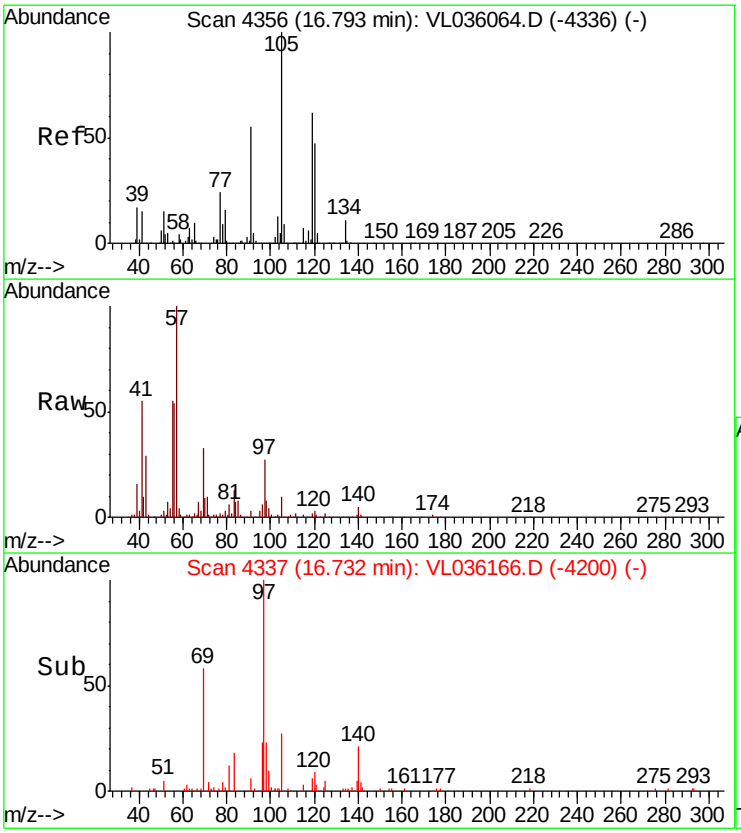
#73
1,3,5-Trimethylbenzene
Concen: 0.051 ppbv
RT: 15.98 min Scan# 4103
Delta R.T. -0.05 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 14668

Ion	Ratio	Lower	Upper
105	100		
120	29.3	35.4	53.2#





#74
1,2,4-Trimethylbenzene
Concen: 0.037 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.06 min
Lab File: VL036166.D
Acq: 16 Dec 2020 14:48

Tgt Ion:105 Resp: 10628

Ion	Ratio	Lower	Upper
105	100		
120	38.7	37.4	56.0
91	14.4	45.6	68.4#
77	1.1	19.4	29.2#