Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120720\

Quantitation Report (Not Reviewed)

Data File : VL036068.D
Acq On : 7 Dec 2020 15:00
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Dec 07 15:42:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 13:39:30 2020
QLast Update : Mon Dec 07 13:39:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1322861	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2966843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2618523	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2144980	10.72	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	19612	0.085	ppbv #	83
3) Chlorodifluoromethane	2.99	51	15981	0.102	ppbv #	90
4) Chloromethane	3.15	50	6864	0.090	ppbv	99
5) Vinyl Chloride	3.26	62	3374	0.035	ppbv #	64
6) Bromomethane	3.48	94	2421	0.032	ppbv	87
7) Chloroethane	3.56	64	1098	0.032	ppbv #	79
8) Dichlorotetrafluoroethane	3.20	85	17742	0.065	ppbv	99
9) Propene	3.02	41	7426	0.136	ppbv #	77
10) Heptane	8.14	43	6284	0.042	ppbv #	1
11) Trichlorofluoromethane	3.96	101	14906	0.048	ppbv #	66
12) 1,1,2-Trichlorotrifluoroet	4.50	101	10364	0.044	ppbv #	73
14) Bromoethene	3.75	108	2879	0.030	ppbv #	10
16) 1,3-Butadiene	3.33	39	6076	0.101	ppbv #	66
20) Methylene Chloride	4.35	84	5059	0.043	ppbv #	80
21) Allyl Chloride	4.43	41	6978	0.095	ppbv #	46
25) Ethyl Acetate	5.71	43	21548	0.078	ppbv #	75
26) Hexane	5.70	57	7942	0.054	ppbv #	1
27) Carbon Disulfide	4.57	76	12235	0.057	ppbv #	1
28) Methyl tert-Butyl Ether	5.06	73	6683	0.031	ppbv #	51
29) Chloroform	5.76	83	11144	0.040	ppbv	96
31) cis-1,2-Dichloroethene	5.57	61	5680	0.042	ppbv #	28
32) 1,1,1-Trichloroethane	6.53	97	9802	0.039	ppbv #	37
35) Carbon Tetrachloride	7.04	117	5210	0.034	ppbv #	54
36) Benzene	6.91	78	15098	0.074	ppbv	93
37) 1,2-Dichloroethane	6.33	62	4337	0.041	ppbv #	52
39) 1,2-Dichloropropane	7.19	63	844154	10.858	ppbv #	25
42) Bromodichloromethane	7.80	83	7094	0.043	ppbv #	84
43) Methyl Methacrylate	8.03	69	2245	0.030	ppbv #	1
44) 2,2,4-Trimethylpentane	7.89	57	50882	0.169	ppbv	93
46) cis-1,3-Dichloropropene	8.73	75	3838	0.041	ppbv #	73
53) Toluene	9.82	91	15309	0.069	ppbv #	11
56) 1,1,1,2-Tetrachloroethane	12.15	131	3708	0.035	ppbv #	1
58) Ethyl Benzene	12.98	91	8879	0.034	ppbv	98
59) m/p-Xylene	13.02	91	18244	0.077	ppbv #	1
60) o-Xylene	13.73	91	10463	0.044	ppbv #	33
61) Styrene	13.56	104	6118	0.045	ppbv #	1
62) Isopropylbenzene	14.69	105	22964	0.065	ppbv #	51
64) n-propylbenzene	15.59	120	3056	0.033	ppbv #	1
65) tert-Butylbenzene	16.78	119	9412	0.032	ppbv #	1
70) n-Butylbenzene	18.58	91	18919	0.062	ppbv #	33
71) 2-Chlorotoluene	15.49	91	10041	0.041	ppbv #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120720\

Quantitation Report (Not Reviewed)

Data File : VL036068.D
Acq On : 7 Dec 2020 15:00
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Dec 07 15:42:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 13:39:30 2020
QLast Update : Mon Dec 07 13:39:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) 4-Ethyltoluene	15.86	105	13479	0.055	ppbv	#	37
73) 1,3,5-Trimethylbenzene	16.03	105	8534	0.037	ppbv	#	58
74) 1,2,4-Trimethylbenzene	16.80	105	10429	0.041	ppbv	#	64
75) 1,3-Dichlorobenzene	17.03	146	8327	0.054	ppbv	#	1
76) 1,4-Dichlorobenzene	17.17	146	5412	0.037	ppbv	#	22
77) 1,2-Dichlorobenzene	17.85	146	5559	0.039	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.40	225	4296	0.055	ppbv	#	18

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

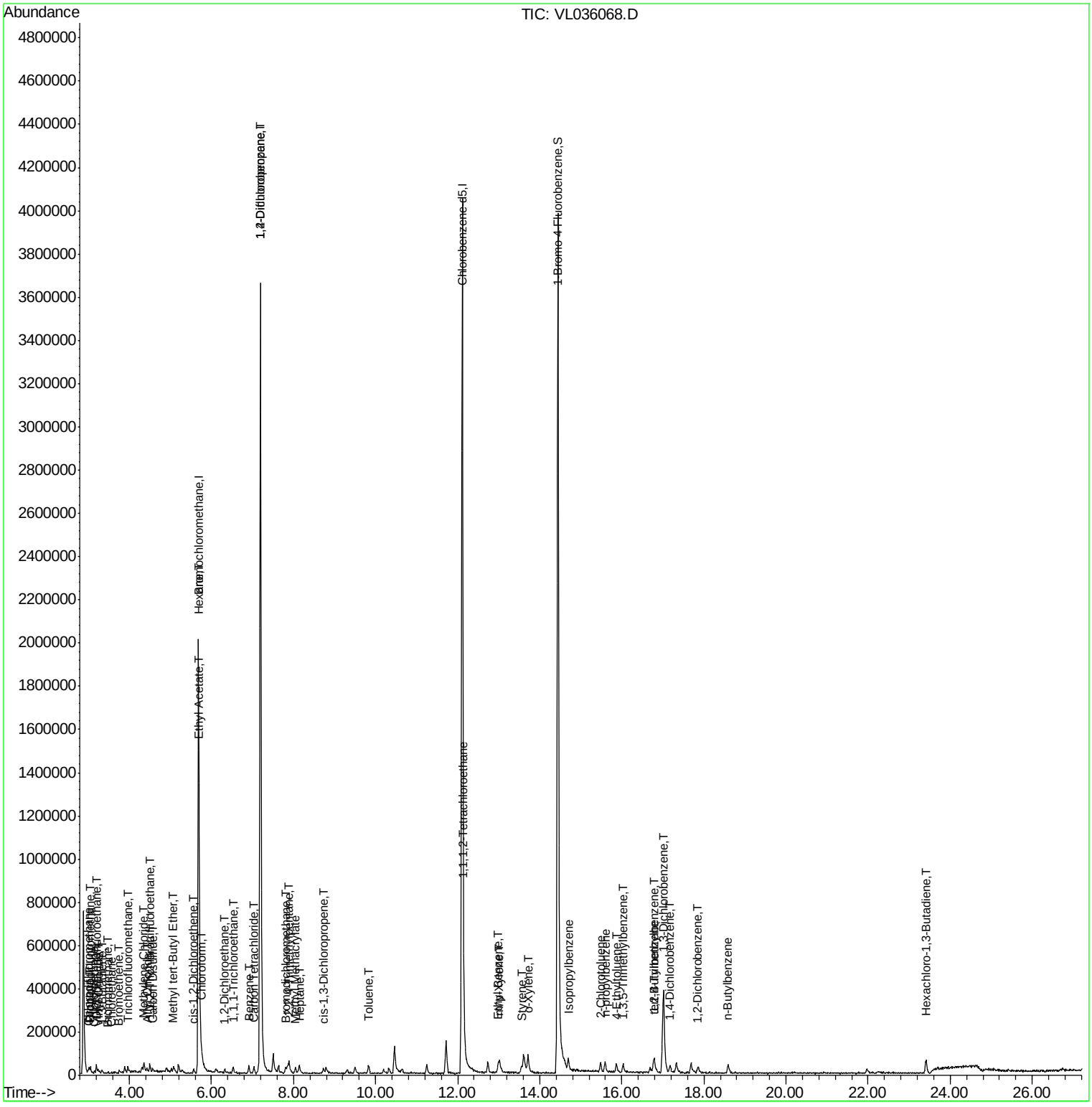
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120720\

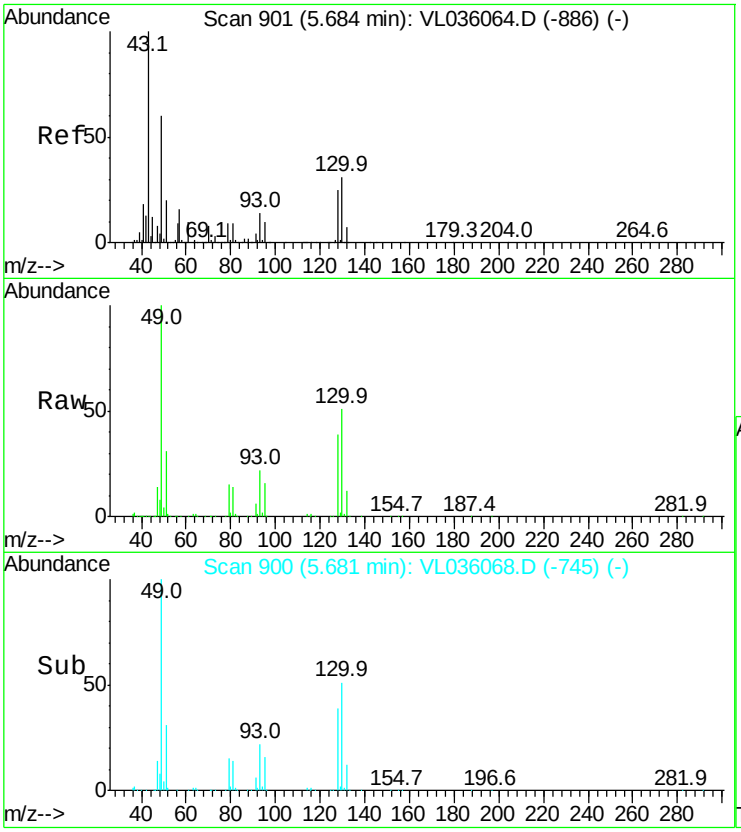
Quantitation Report (Not Reviewed)

Data File : VL036068.D
Acq On : 7 Dec 2020 15:00
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Dec 07 15:42:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 13:39:30 2020
QLast Update : Mon Dec 07 13:39:30 2020
Response via : Initial Calibration



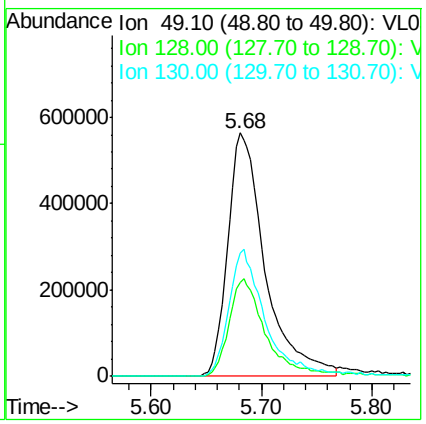


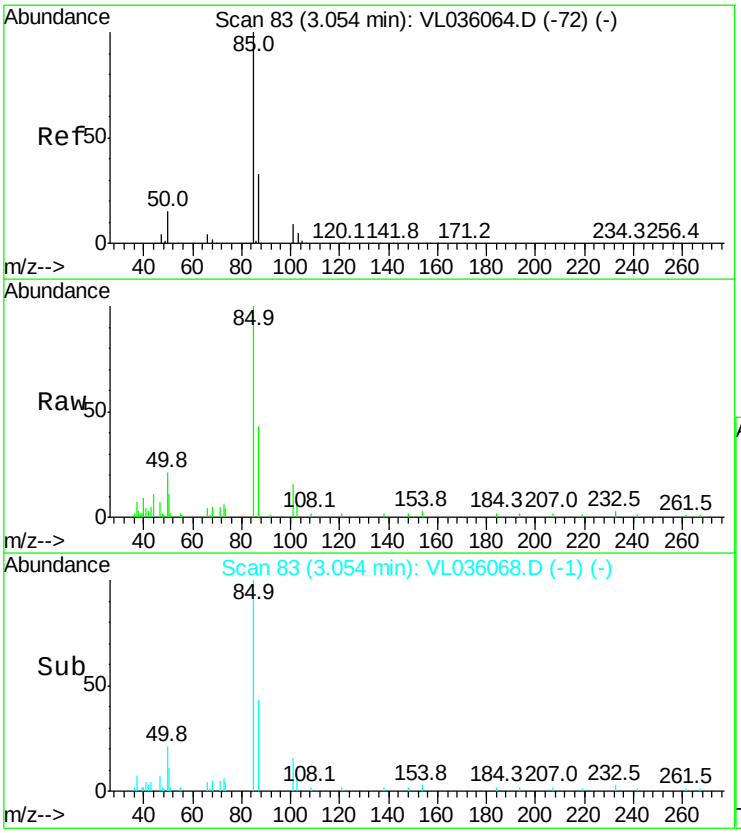
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1322861

Ion	Ratio	Lower	Upper
49	100		
128	40.7	21.1	63.1
130	52.3	27.1	81.3

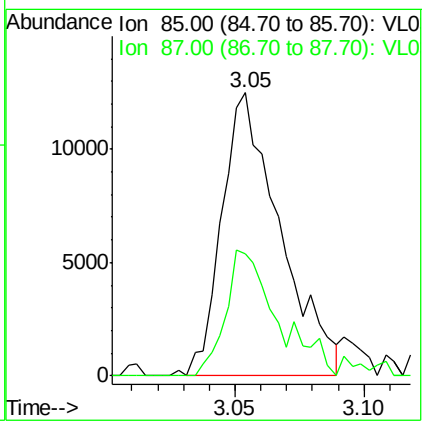


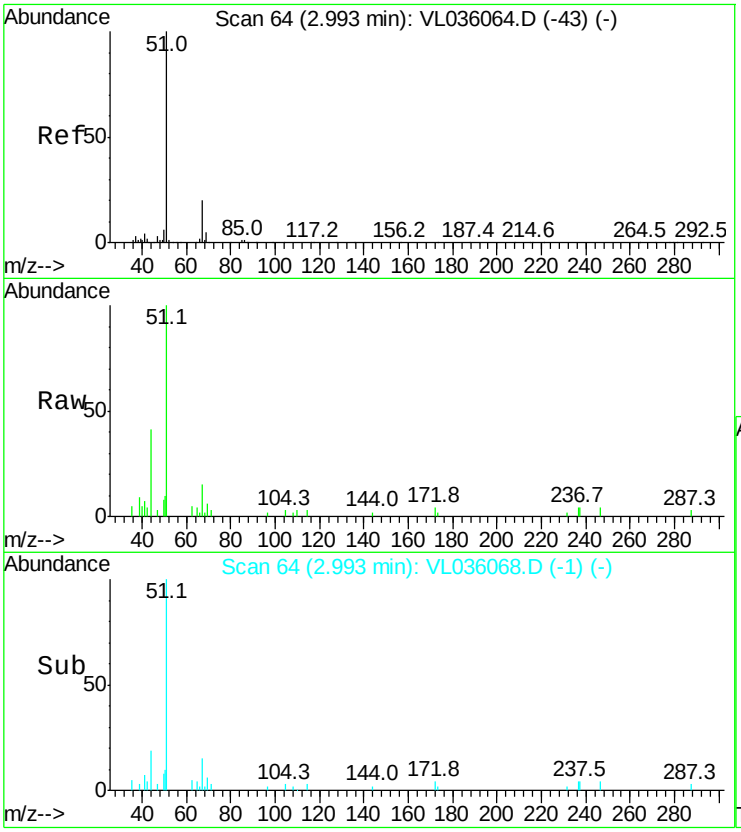


#2
Dichlorodifluoromethane
Concen: 0.085 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 85 Resp: 19612

Ion	Ratio	Lower	Upper
85	100		
87	42.9	26.5	39.7#



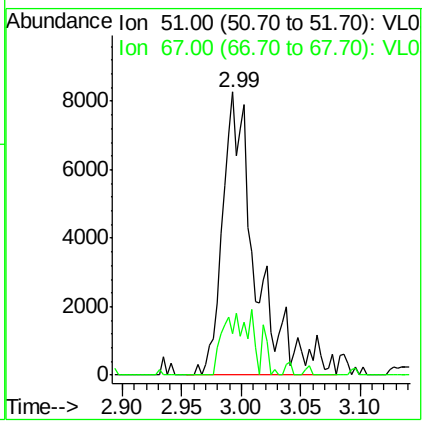


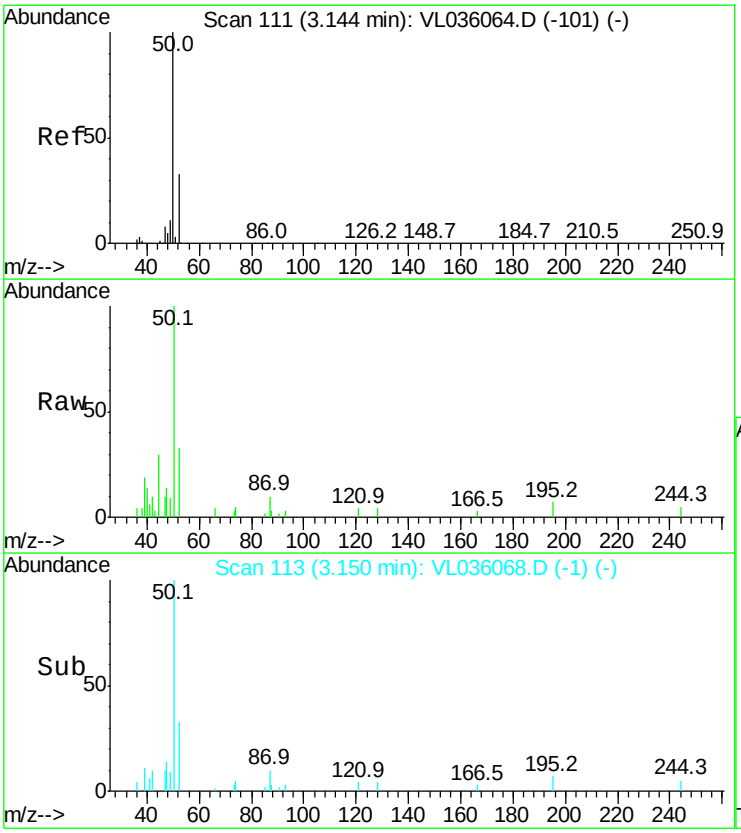
#3
Chlorodifluoromethane
Concen: 0.102 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 51 Resp: 15981

Ion	Ratio	Lower	Upper
51	100		
67	22.3	14.3	21.5#

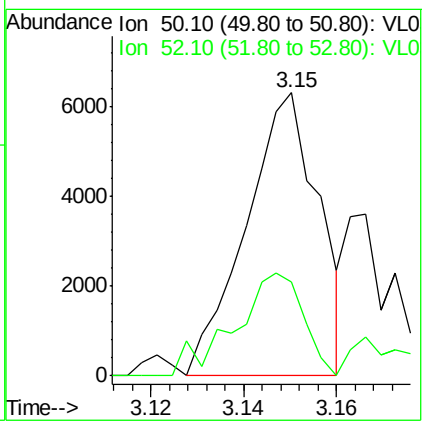


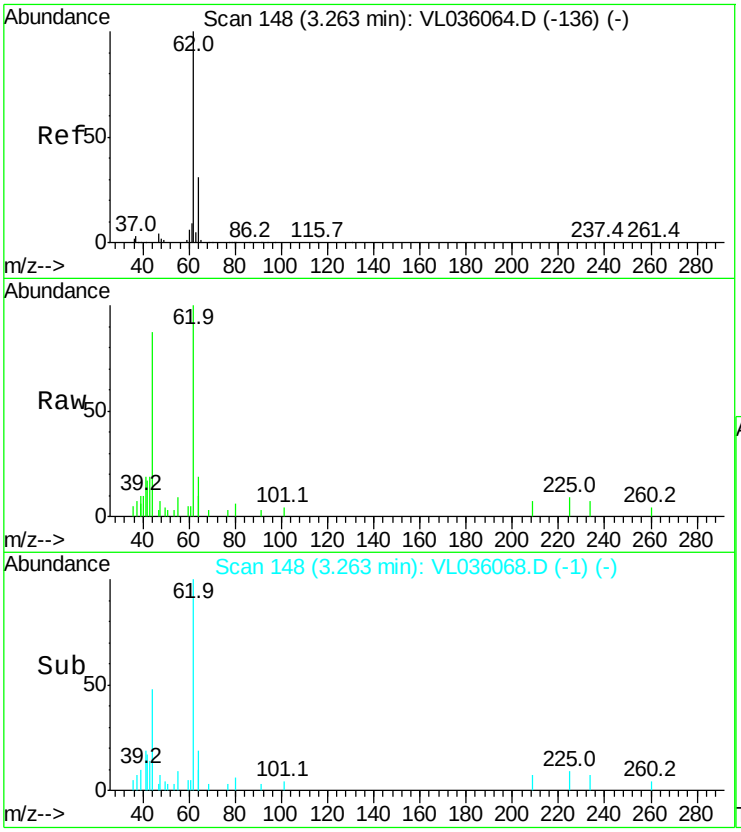


#4
Chloromethane
Concen: 0.090 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 50 Resp: 6864

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.1	39.1



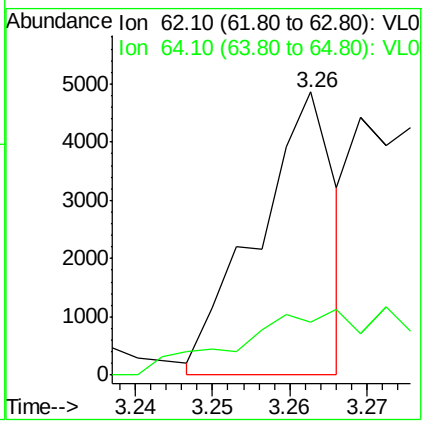


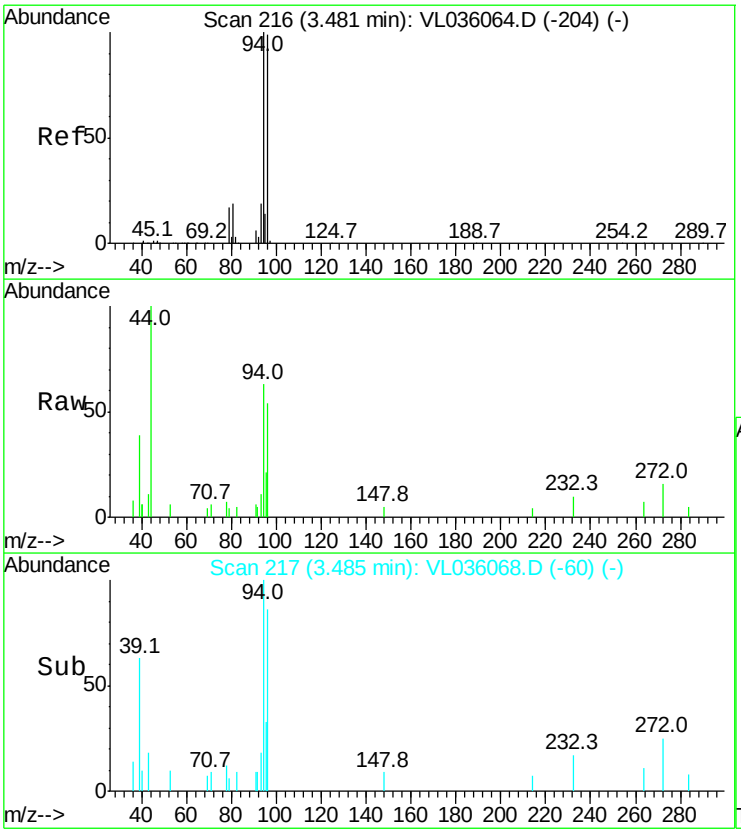
#5
Vinyl Chloride
Concen: 0.035 ppbv
RT: 3.26 min Scan# 148
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 3374

Ion	Ratio	Lower	Upper
62	100		
64	11.0	24.5	36.7#

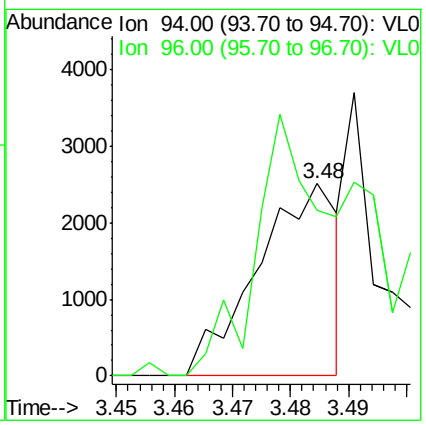


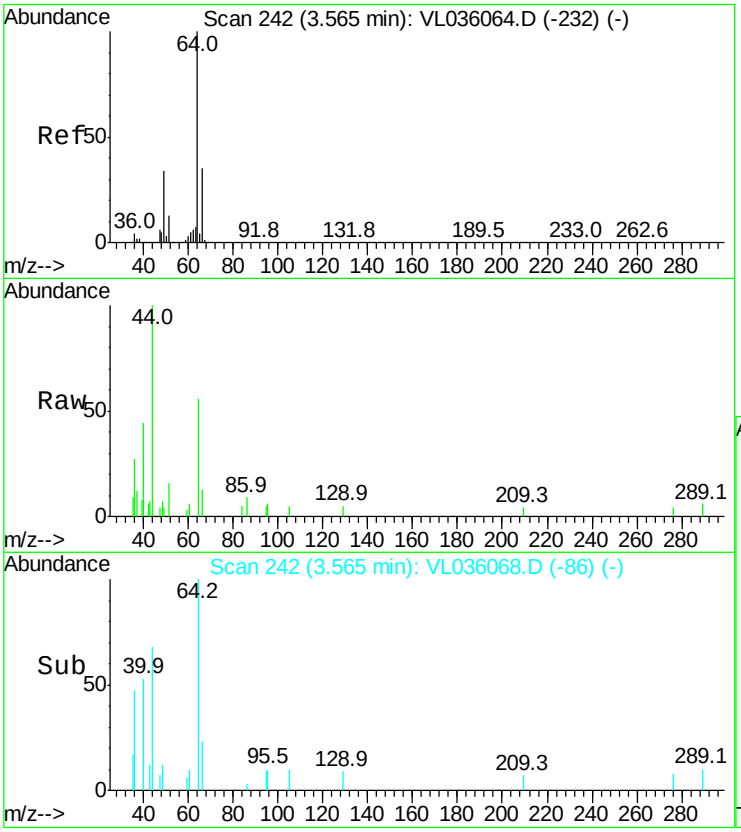


#6
Bromomethane
Concen: 0.032 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 94 Resp: 2421

Ion	Ratio	Lower	Upper
94	100		
96	86.3	79.4	119.0



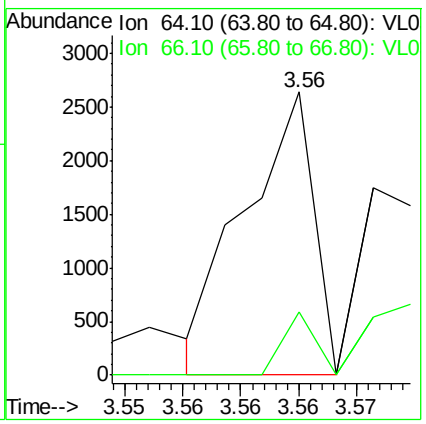


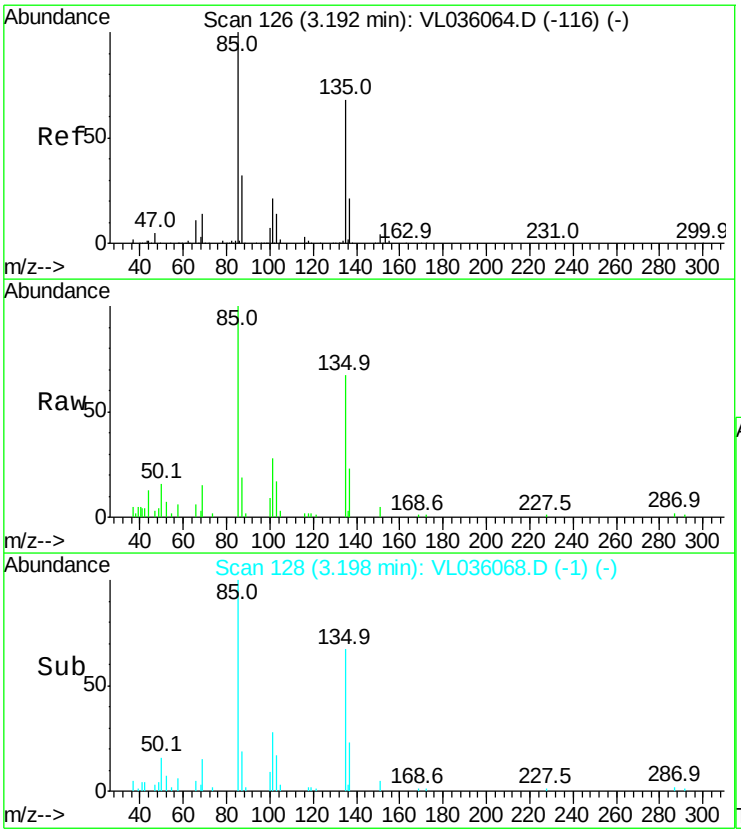
#7
Chloroethane
Concen: 0.032 ppbv
RT: 3.56 min Scan# 242
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 1098

Ion	Ratio	Lower	Upper
64	100		
66	22.5	27.7	41.5#

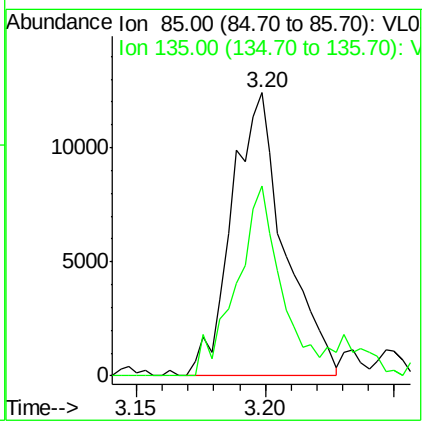


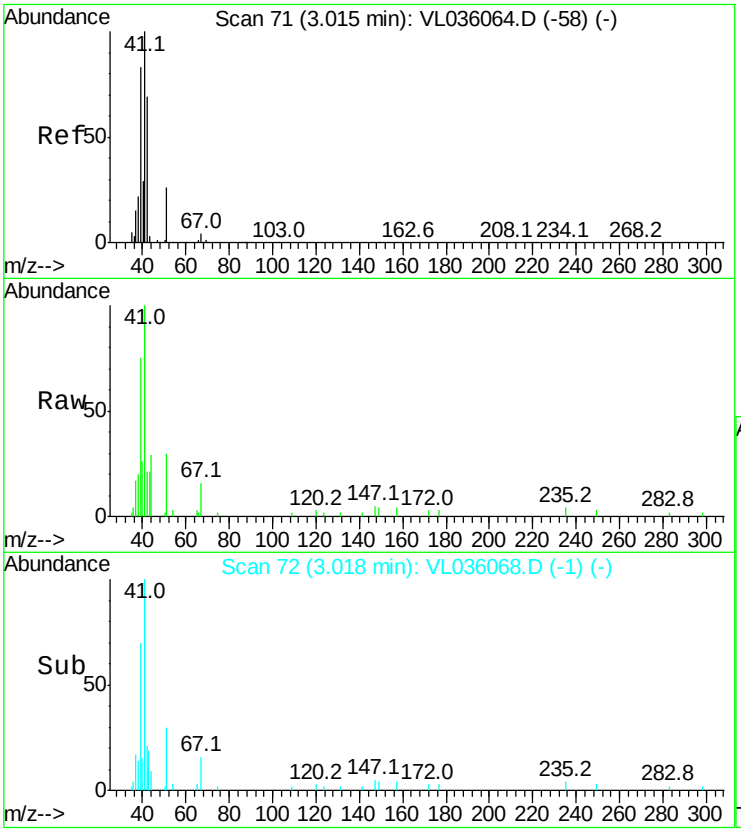


#8
Dichlorotetrafluoroethane
Concen: 0.065 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 85 Resp: 17742

Ion	Ratio	Lower	Upper
85	100		
135	66.8	53.8	80.8



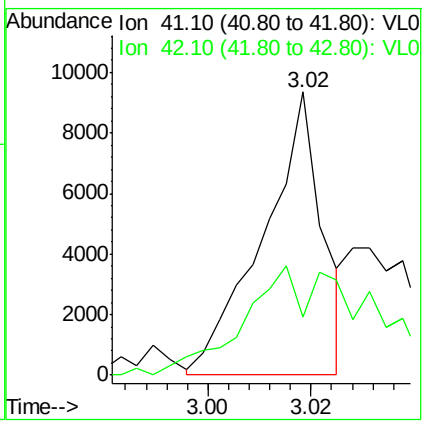


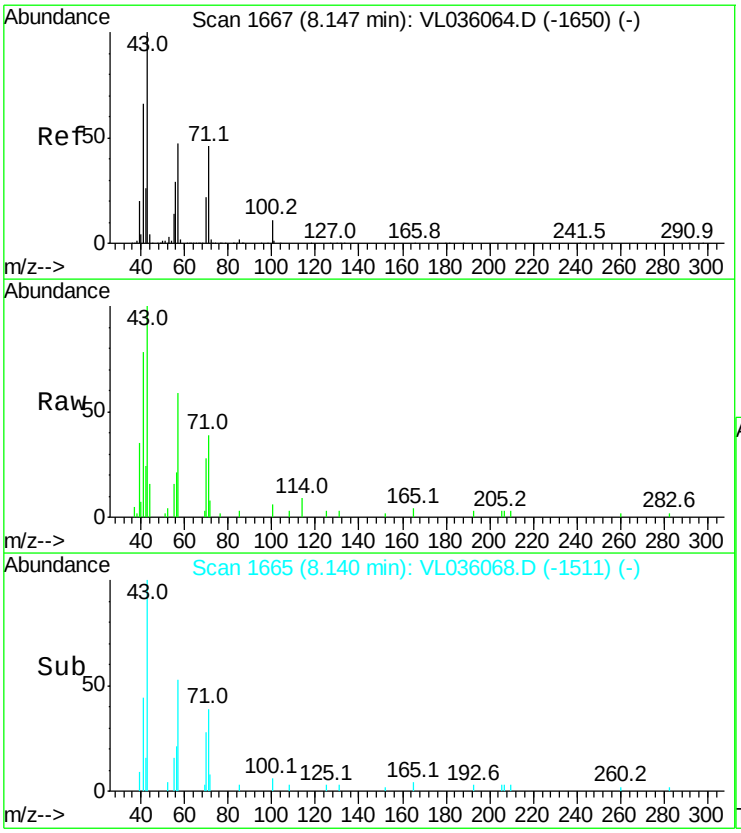
#9
Propene
Concen: 0.136 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 7426

Ion	Ratio	Lower	Upper
41	100		
42	90.4	57.0	85.6#

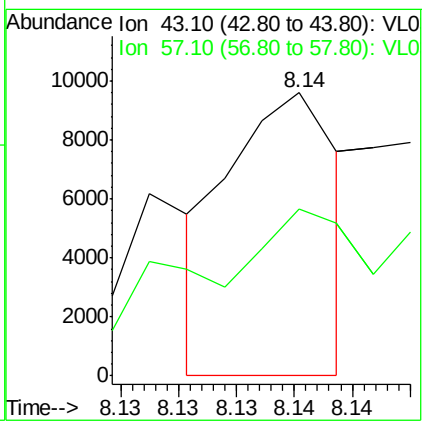


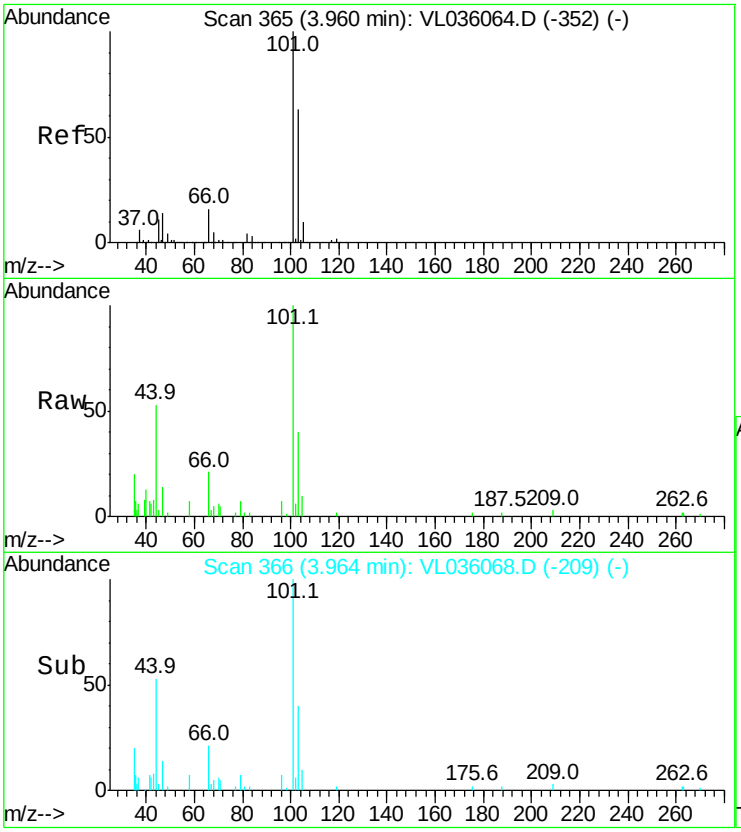


#10
Heptane
Concen: 0.042 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 43 Resp: 6284

Ion	Ratio	Lower	Upper
43	100		
57	188.1	37.9	56.9#



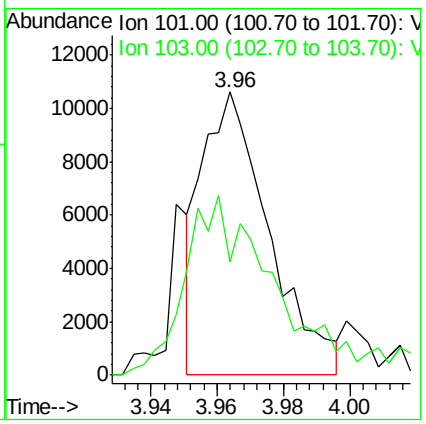


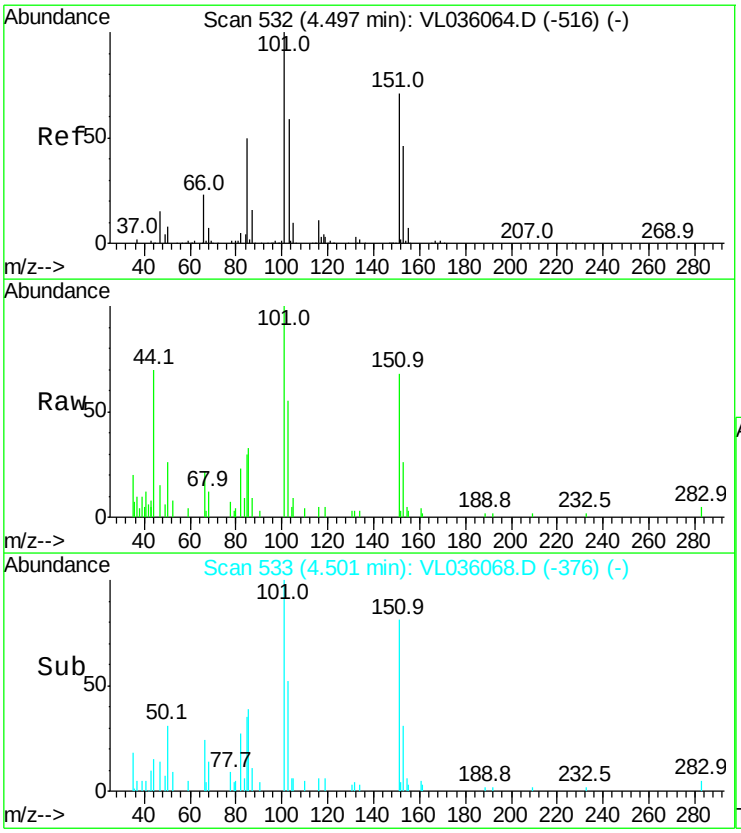
#11
Trichlorofluoromethane
Concen: 0.048 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 14906

Ion	Ratio	Lower	Upper
101	100		
103	36.3	50.3	75.5#

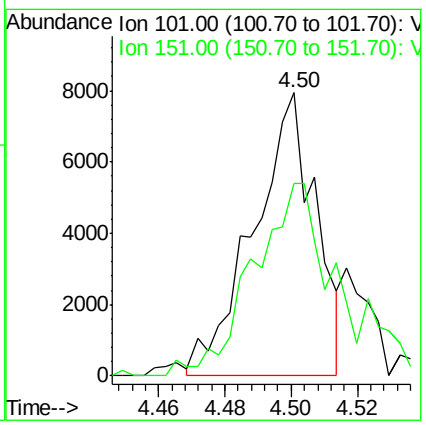


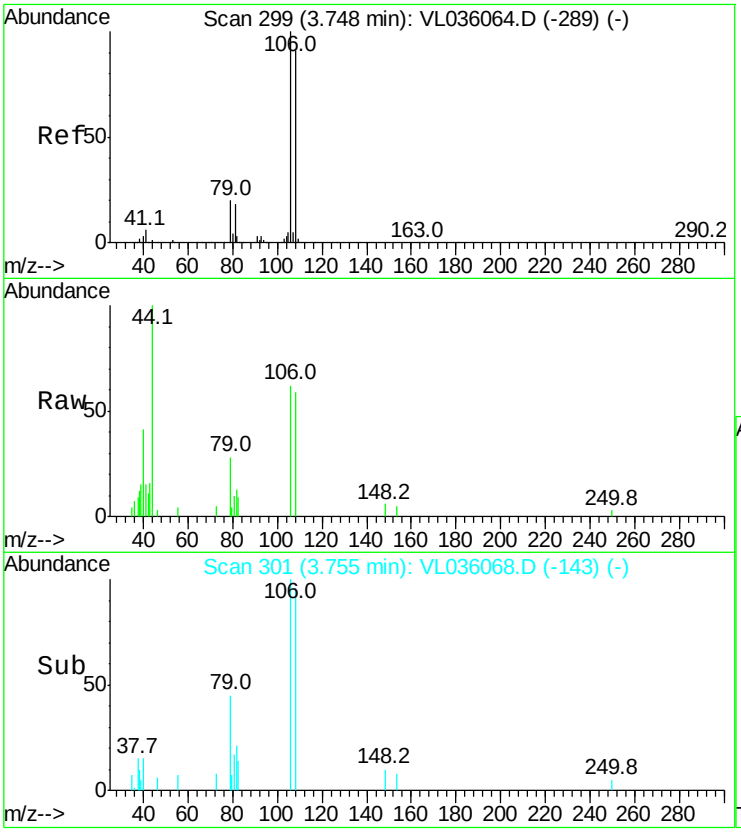


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.044 ppbv
RT: 4.50 min Scan# 533
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:101 Resp: 10364

Ion	Ratio	Lower	Upper
101	100		
151	96.8	59.3	88.9#



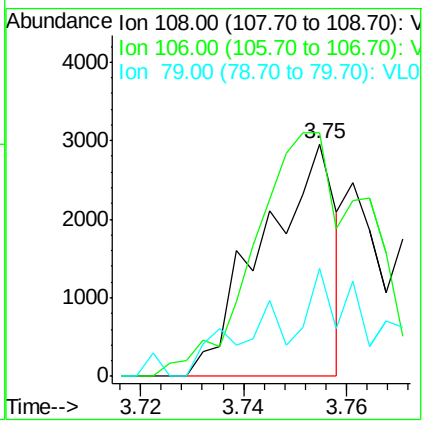


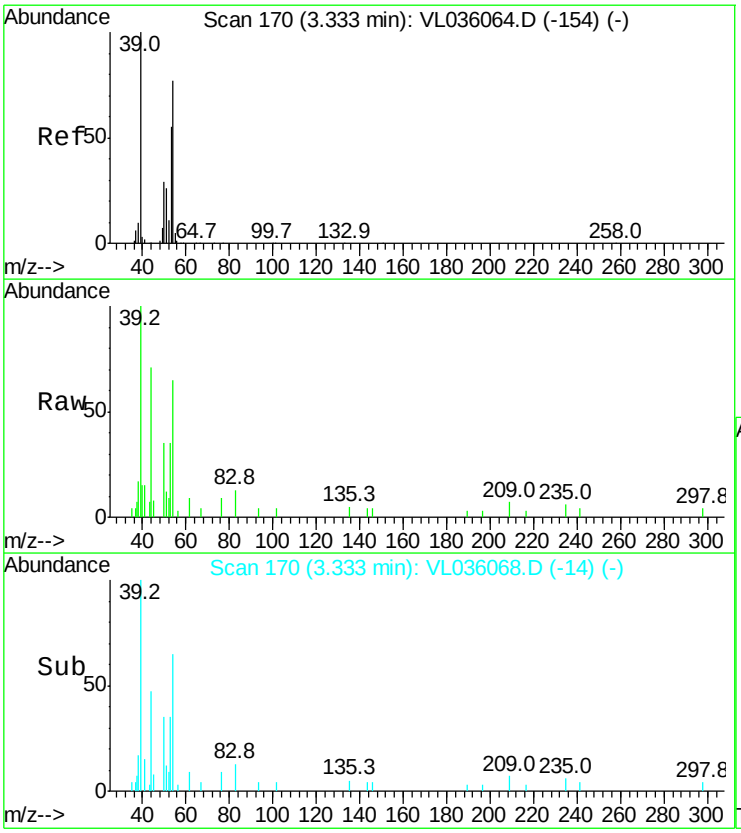
#14
Bromoethene
Concen: 0.030 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:108 Resp: 2879

Ion	Ratio	Lower	Upper
108	100		
106	208.1	91.0	136.4#
79	73.7	19.3	28.9#

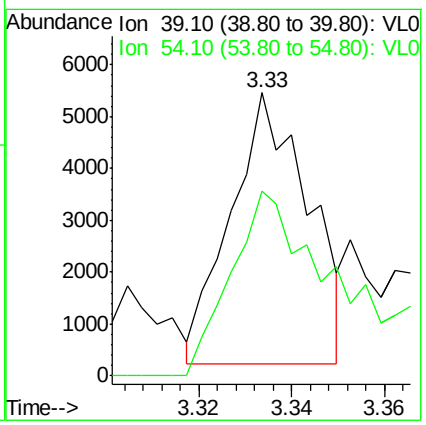


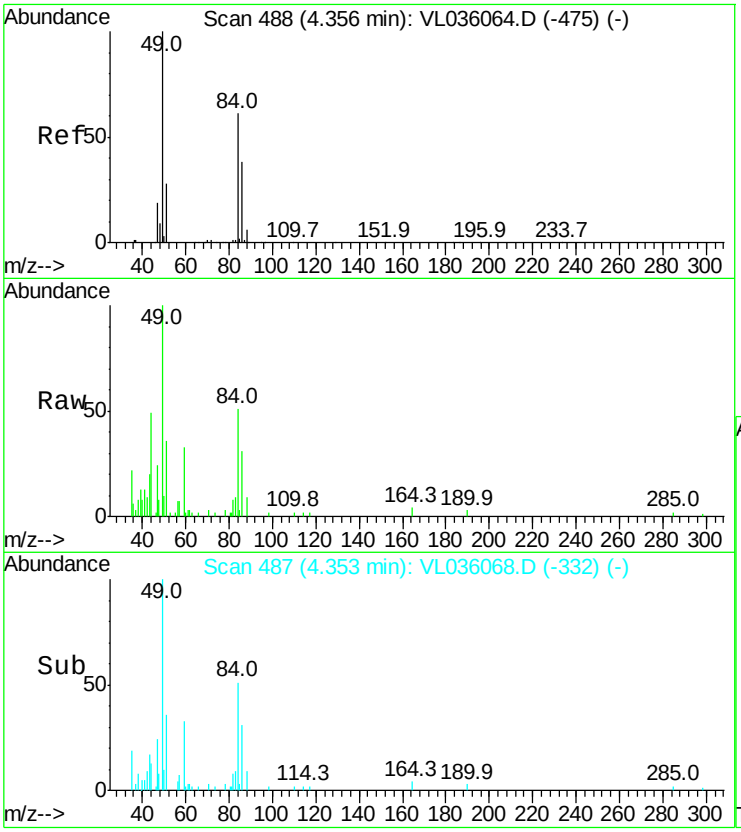


#16
1,3-Butadiene
Concen: 0.101 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 39 Resp: 6076

Ion	Ratio	Lower	Upper
39	100		
54	107.5	62.1	93.1#



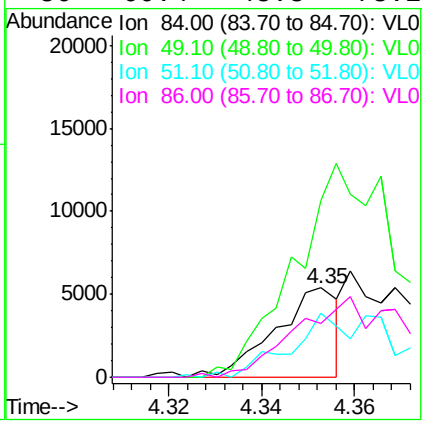


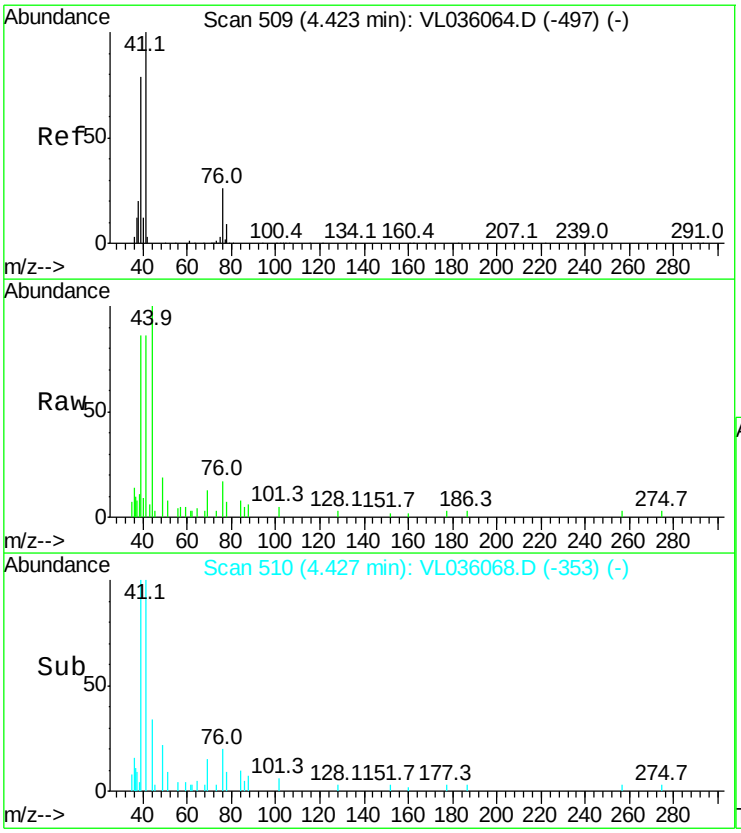
#20
Methylene Chloride
Concen: 0.043 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 84 Resp: 5059

Ion	Ratio	Lower	Upper
84	100		
49	198.0	133.0	199.4
51	68.7	38.9	58.3#
86	60.4	48.8	73.2

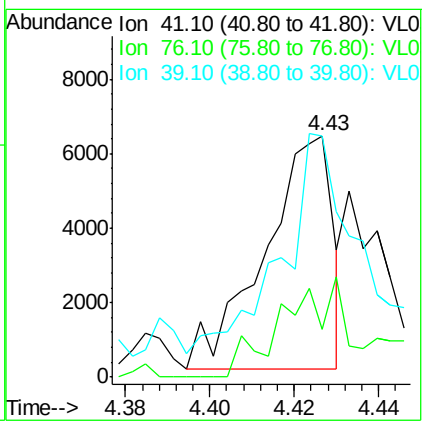


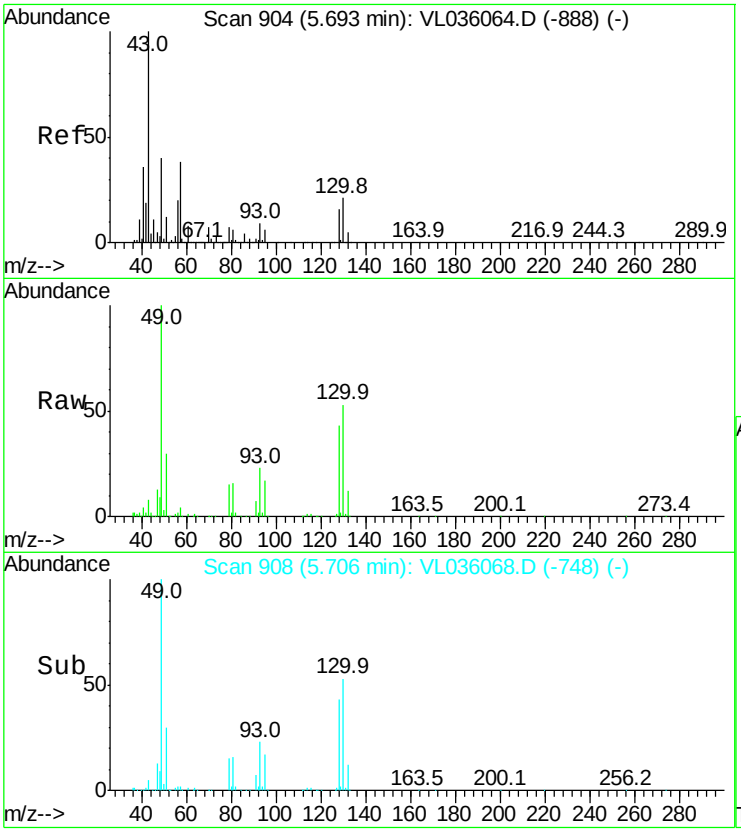


#21
Allyl Chloride
Concen: 0.095 ppbv
RT: 4.43 min Scan# 510
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 41 Resp: 6978

Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.0	31.4#
39	131.5	66.0	99.0#



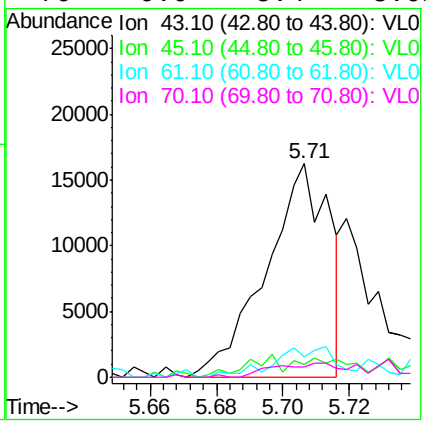


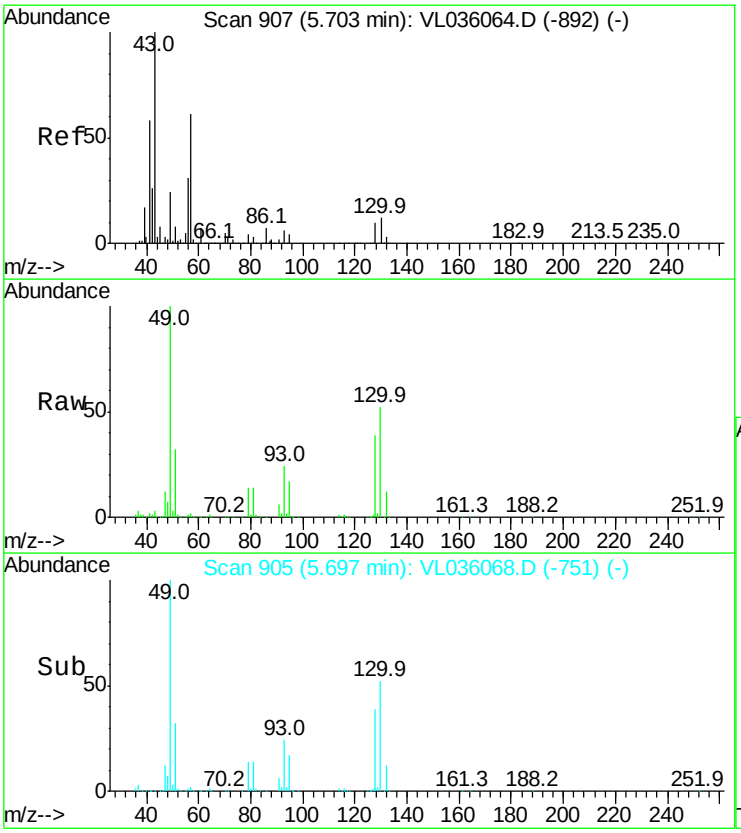
#25
Ethyl Acetate
Concen: 0.078 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 21548

Ion	Ratio	Lower	Upper
43	100		
45	20.6	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#

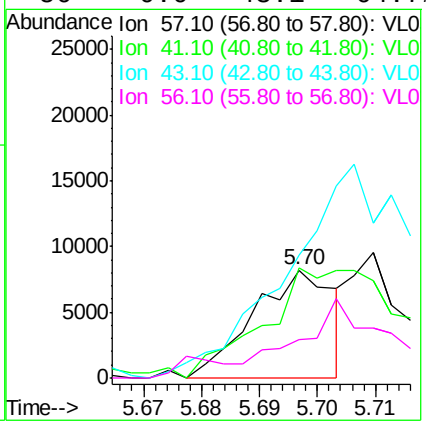


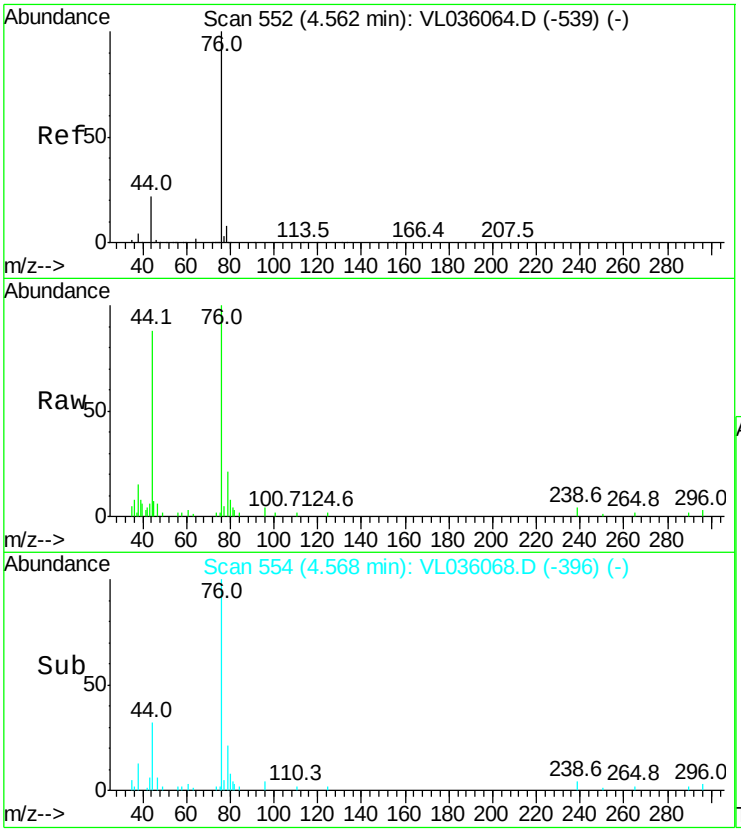


#26
Hexane
Concen: 0.054 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 57 Resp: 7942

Ion	Ratio	Lower	Upper
57	100		
41	201.4	82.9	124.3#
43	0.0	199.9	299.9#
56	0.0	43.1	64.7#



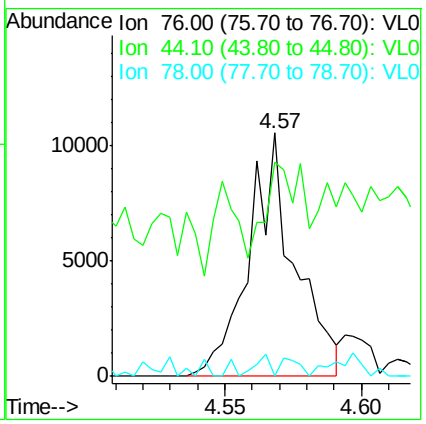


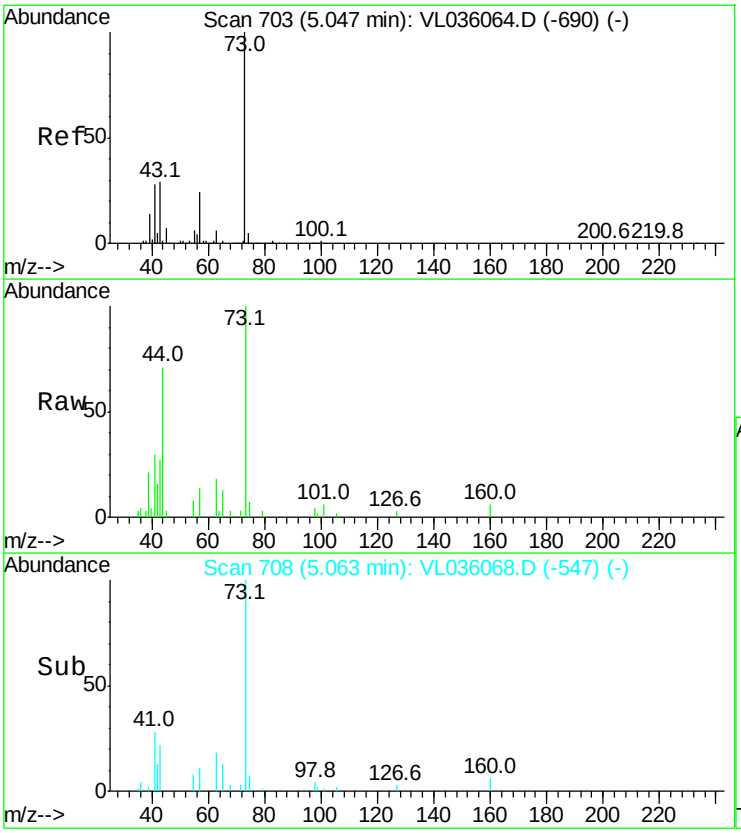
#27
Carbon Disulfide
Concen: 0.057 ppbv
RT: 4.57 min Scan# 554
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 12235

Ion	Ratio	Lower	Upper
76	100		
44	89.5	17.9	26.9#
78	11.8	7.8	11.8#

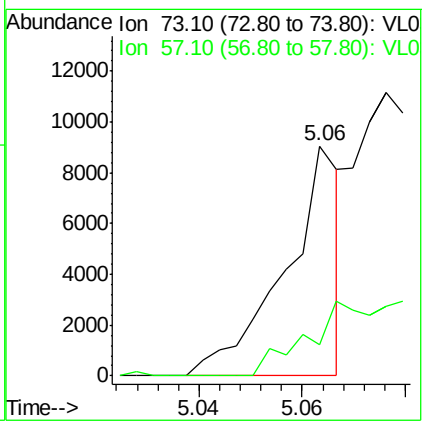


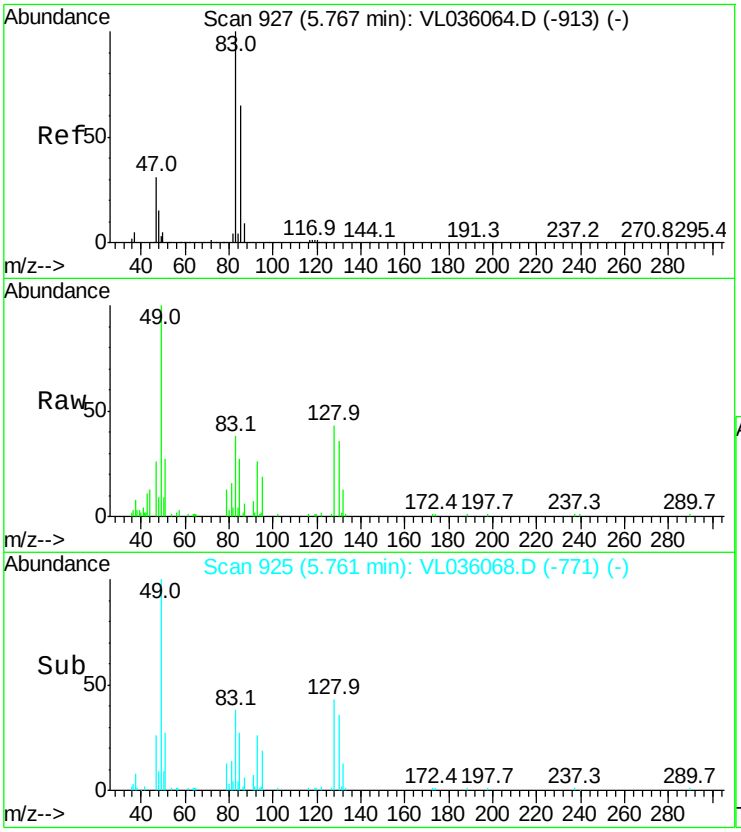


#28
Methyl tert-Butyl Ether
Concen: 0.031 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.02 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 73 Resp: 6683

Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.2	28.8#



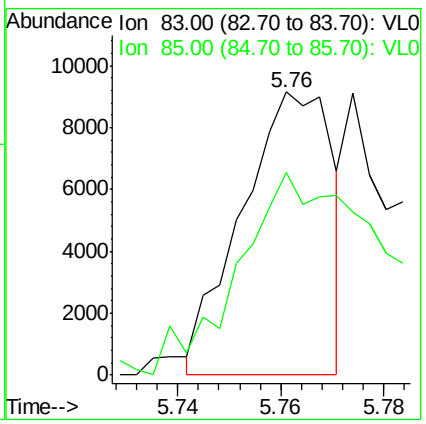


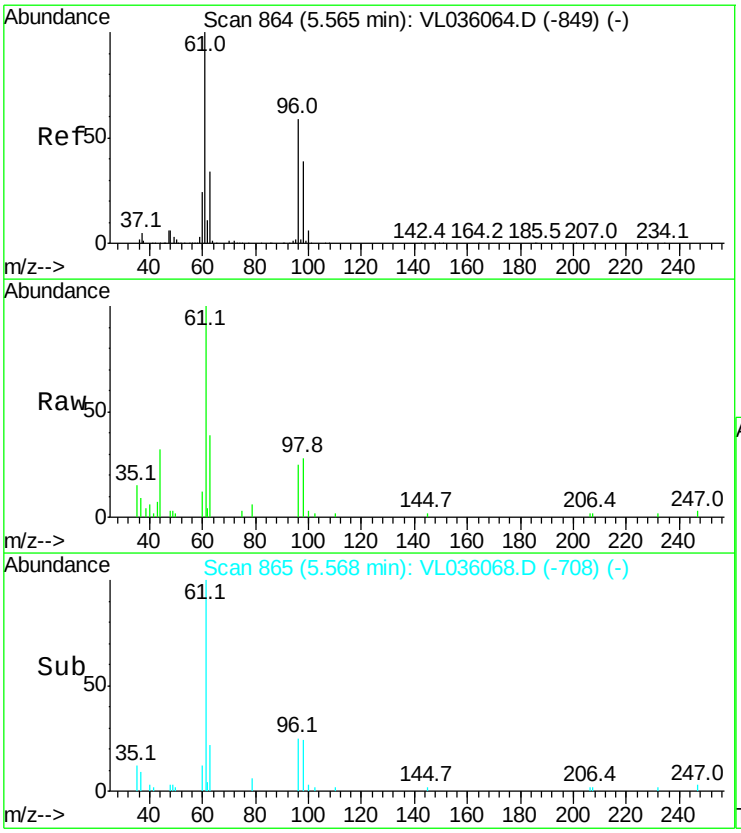
#29
Chloroform
Concen: 0.040 ppbv
RT: 5.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 11144

Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.8	77.6

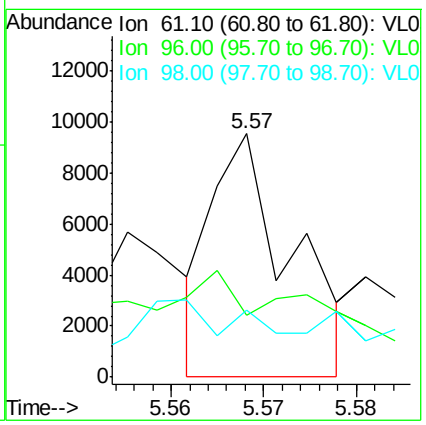


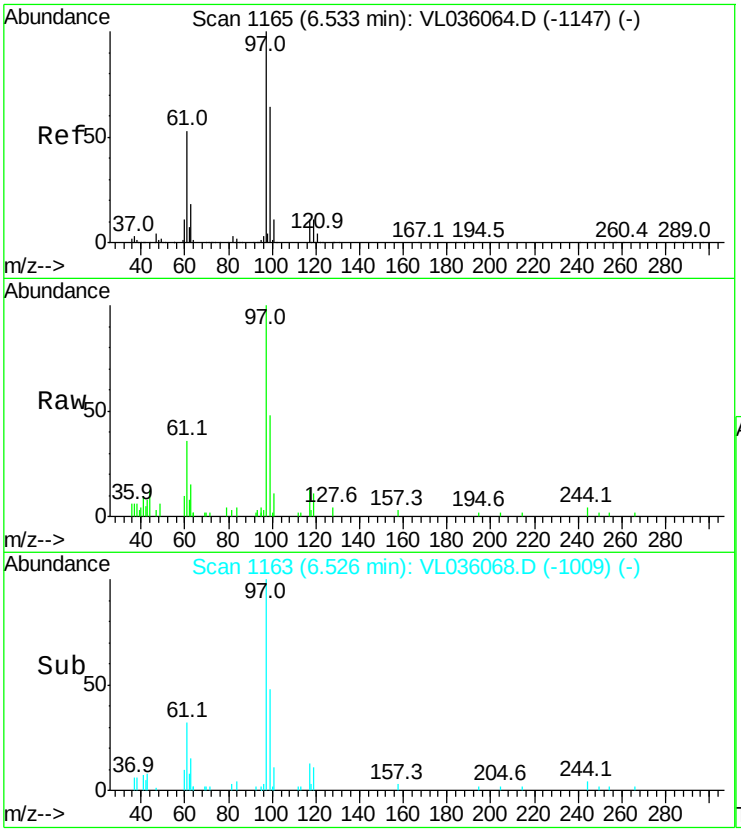


#31
cis-1,2-Dichloroethene
Concen: 0.042 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 61 Resp: 5680

Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.3	70.9#
98	0.9	31.4	47.0#



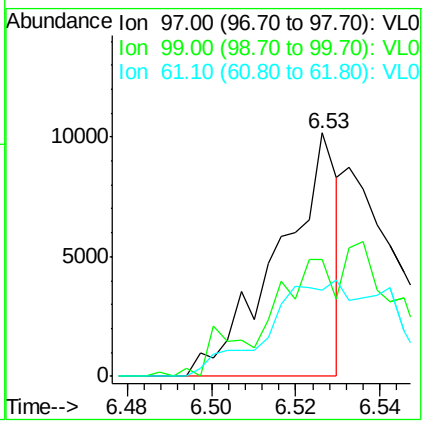


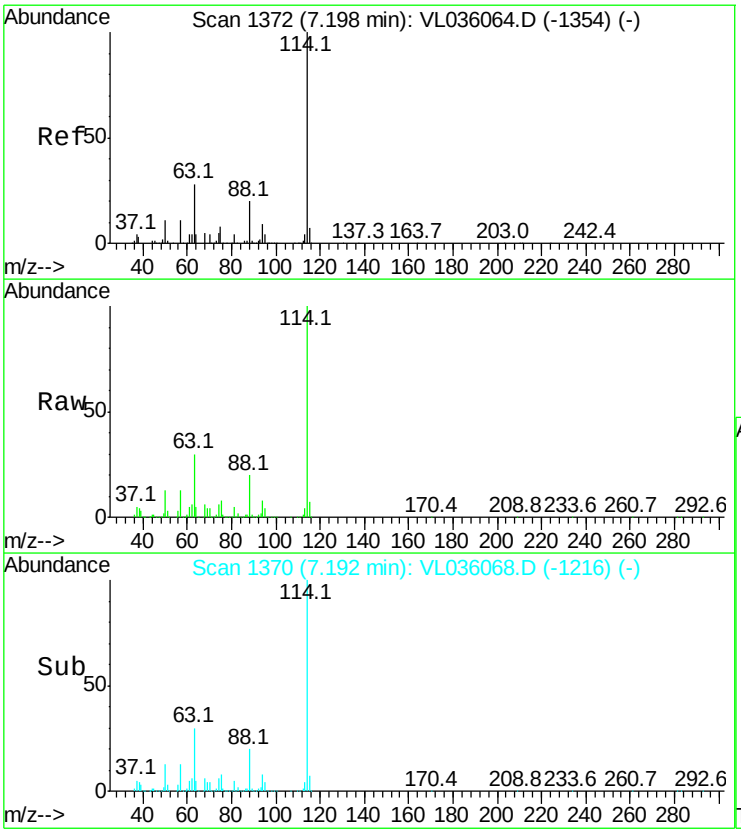
#32
1,1,1-Trichloroethane
Concen: 0.039 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 9802

Ion	Ratio	Lower	Upper
97	100		
99	122.5	52.4	78.6#
61	91.8	43.4	65.0#

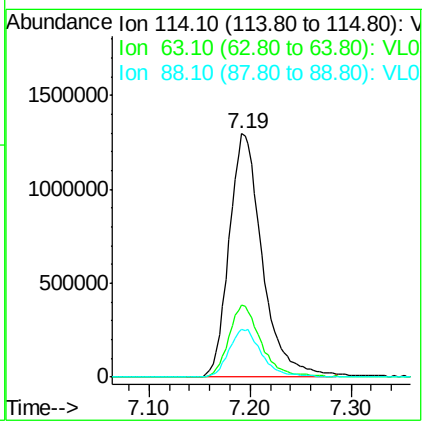


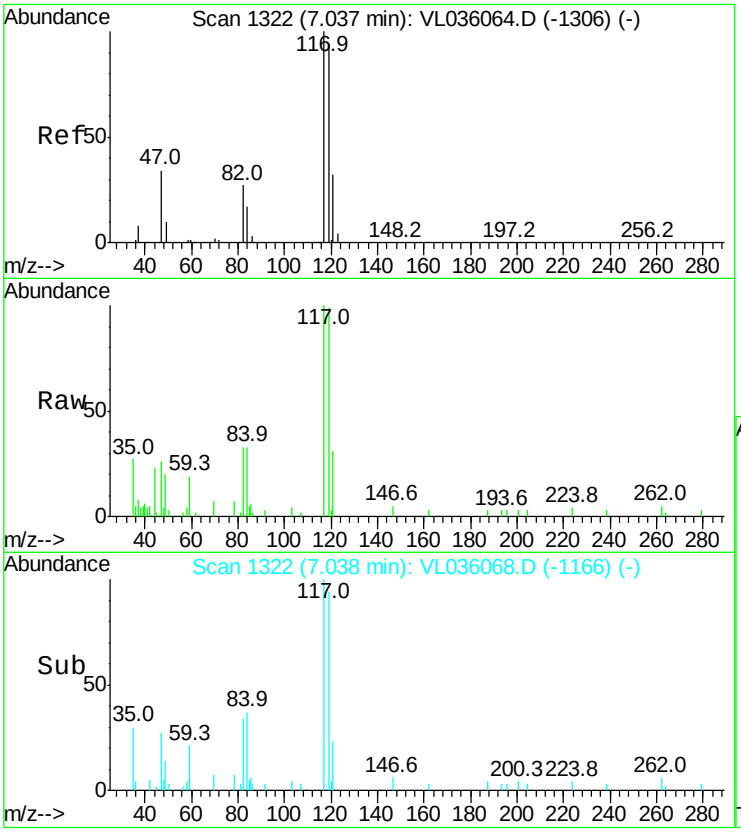


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:114 Resp: 2966843

Ion	Ratio	Lower	Upper
114	100		
63	29.4	23.6	35.4
88	19.7	15.8	23.6



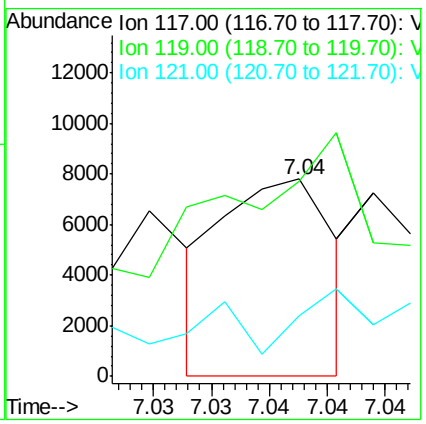


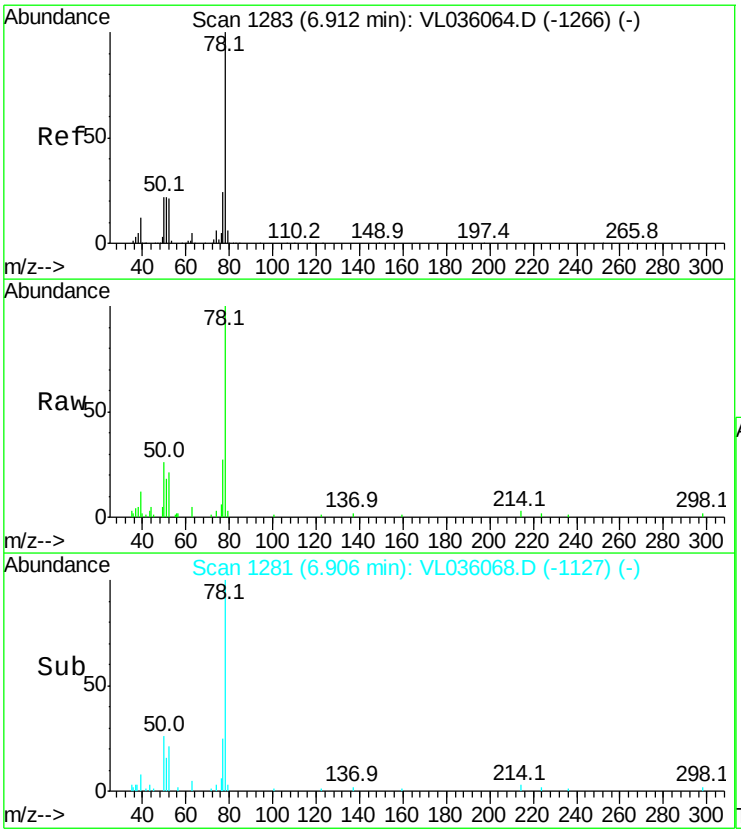
#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 5210

Ion	Ratio	Lower	Upper
117	100		
119	37.3	75.1	112.7#
121	26.7	25.6	38.4

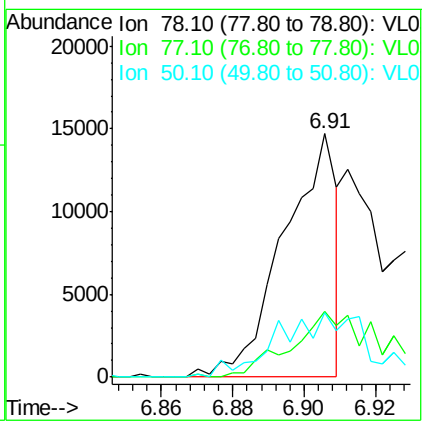


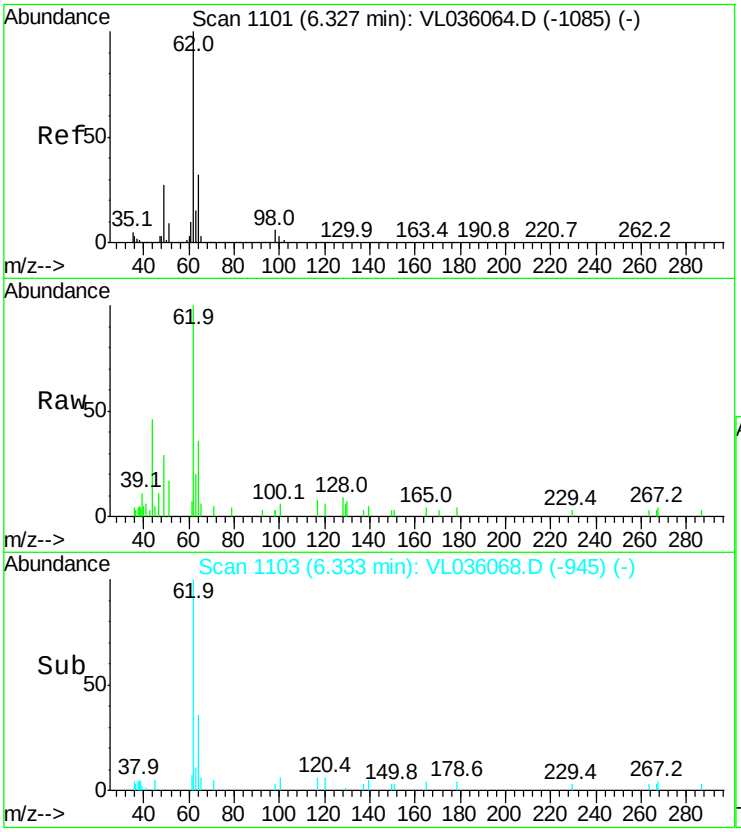


#36
Benzene
Concen: 0.074 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 78 Resp: 15098

Ion	Ratio	Lower	Upper
78	100		
77	26.8	19.4	29.2
50	26.5	17.8	26.8



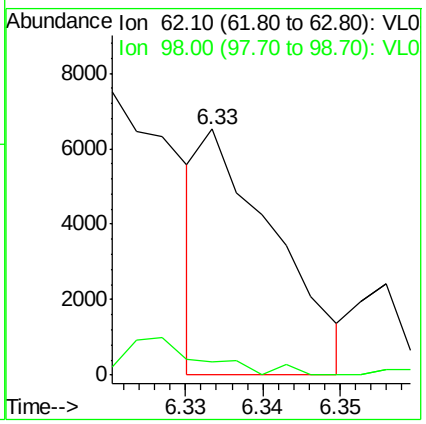


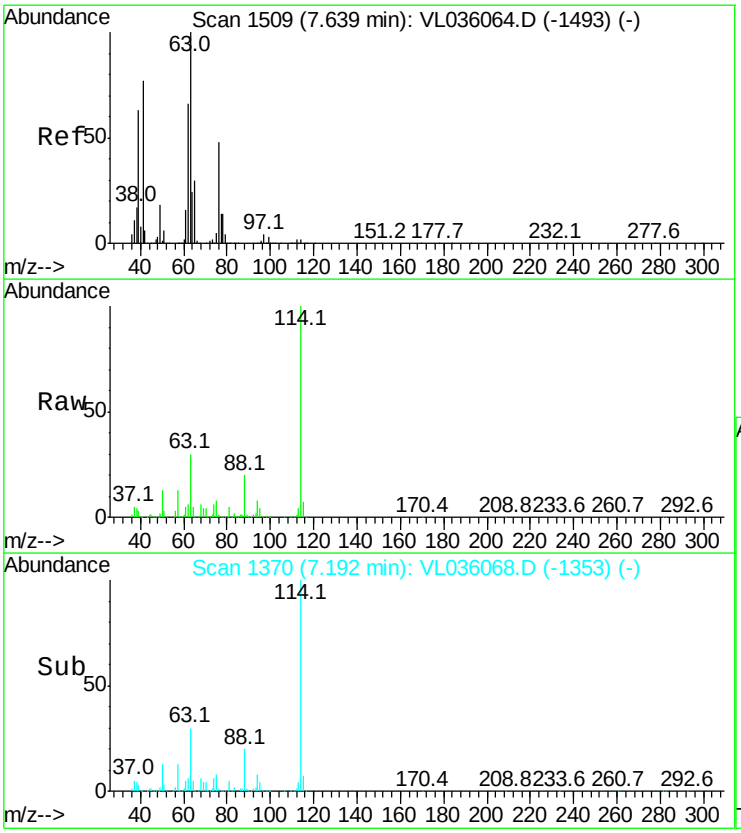
#37
1,2-Dichloroethane
Concen: 0.041 ppbv
RT: 6.33 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 4337

Ion	Ratio	Lower	Upper
62	100		
98	21.9	4.6	7.0#

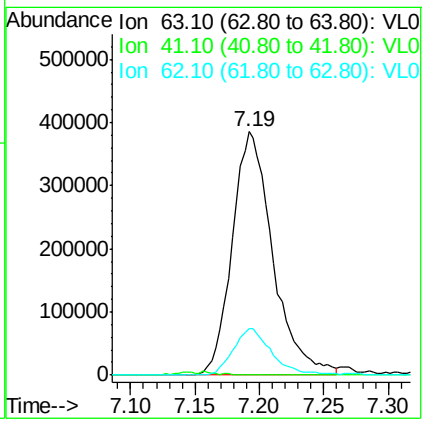


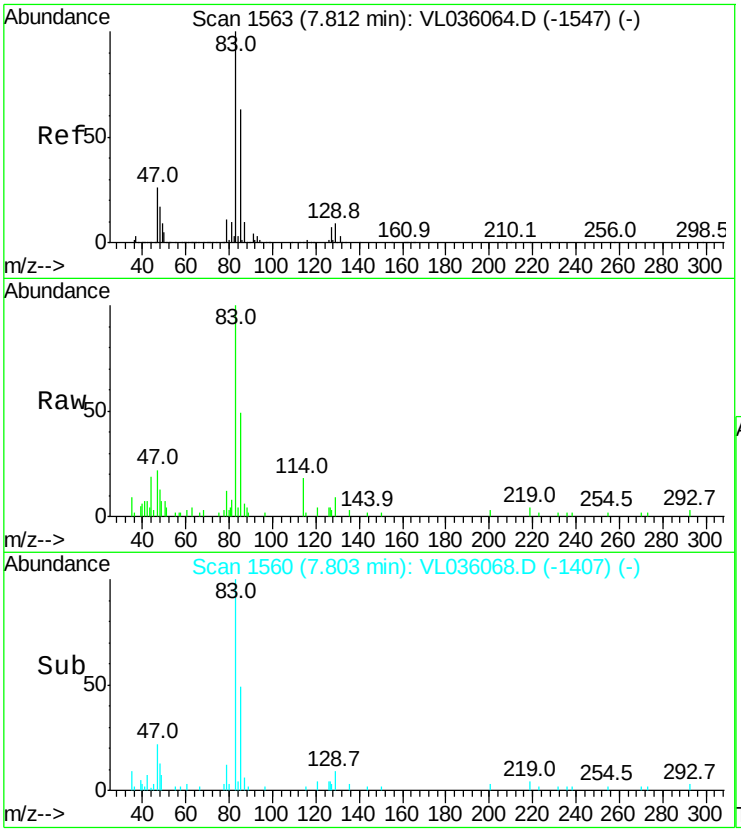


#39
1,2-Dichloropropane
Concen: 10.858 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.45 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 63 Resp: 844154

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.9	92.9#
62	19.1	52.5	78.7#



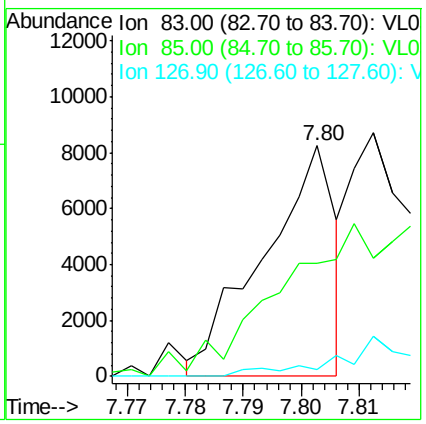


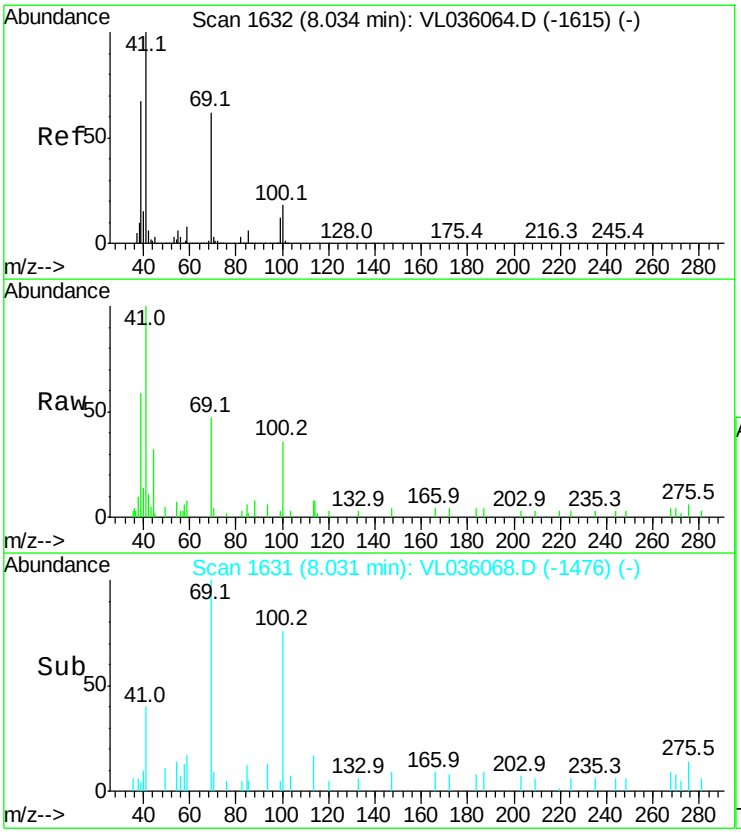
#42
Bromodichloromethane
Concen: 0.043 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 7094

Ion	Ratio	Lower	Upper
83	100		
85	50.0	50.2	75.2#
127	3.4	5.5	8.3#

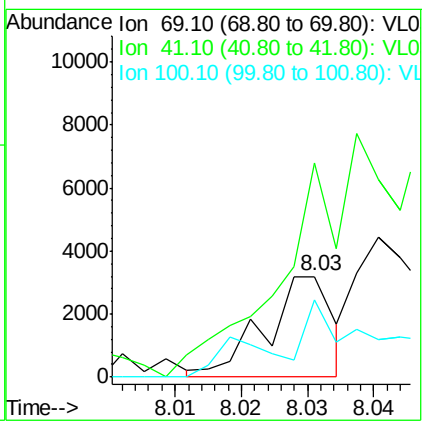


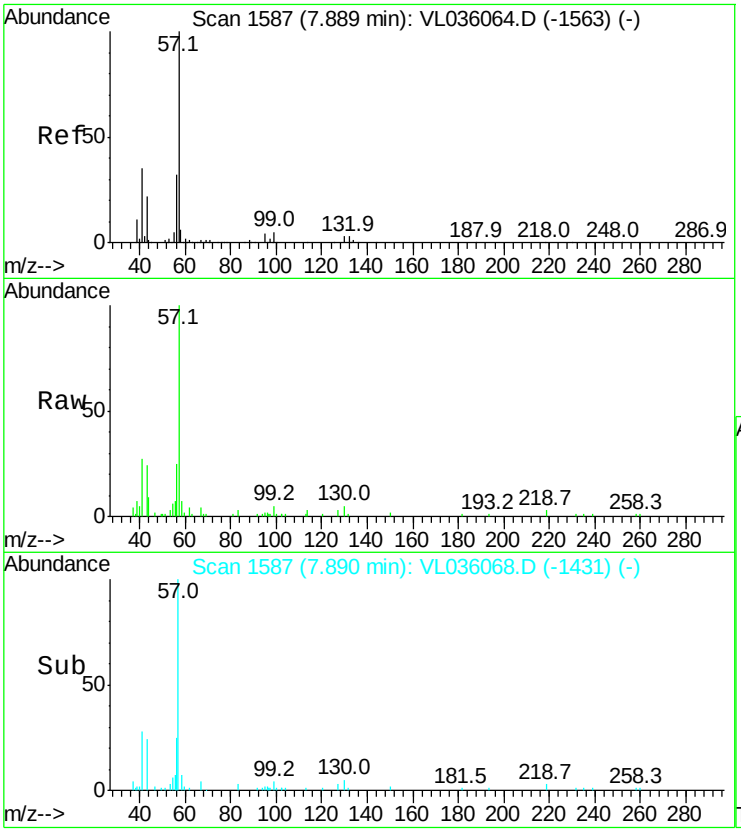


#43
Methyl Methacrylate
Concen: 0.030 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 69 Resp: 2245

Ion	Ratio	Lower	Upper
69	100		
41	0.0	133.0	199.6#
100	181.1	25.4	38.0#



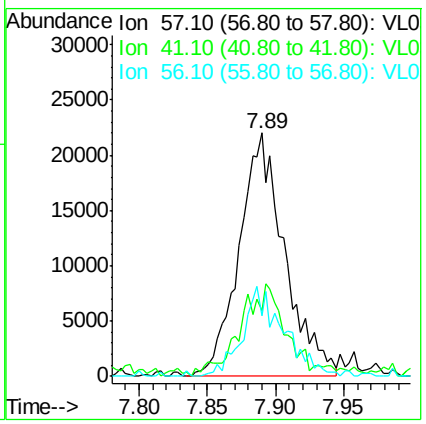


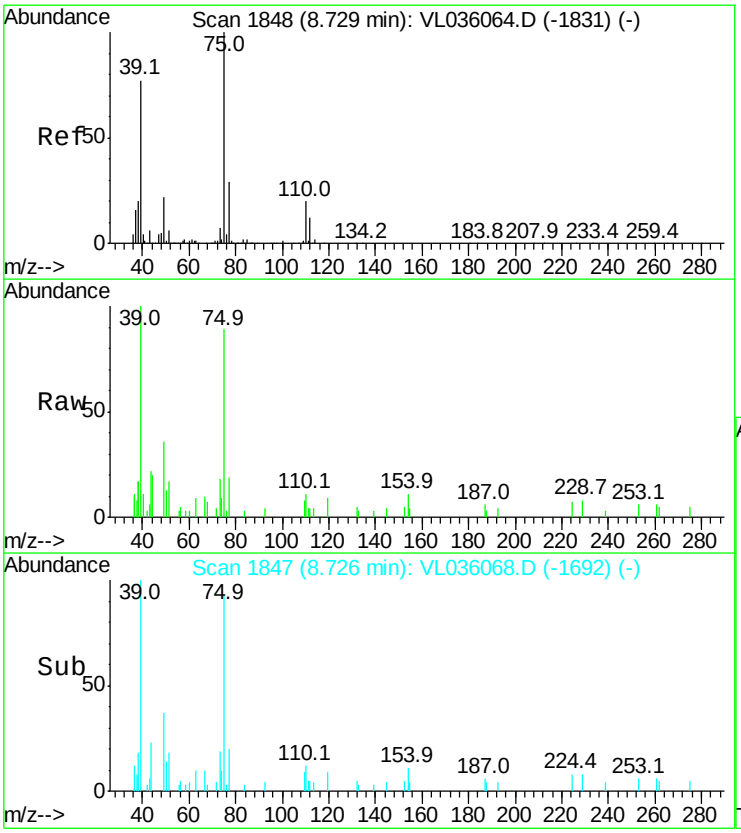
#44
2,2,4-Trimethylpentane
Concen: 0.169 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 50882

Ion	Ratio	Lower	Upper
57	100		
41	41.4	28.9	43.3
56	34.6	25.3	37.9

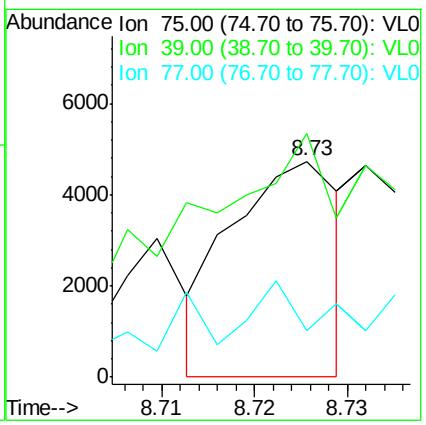


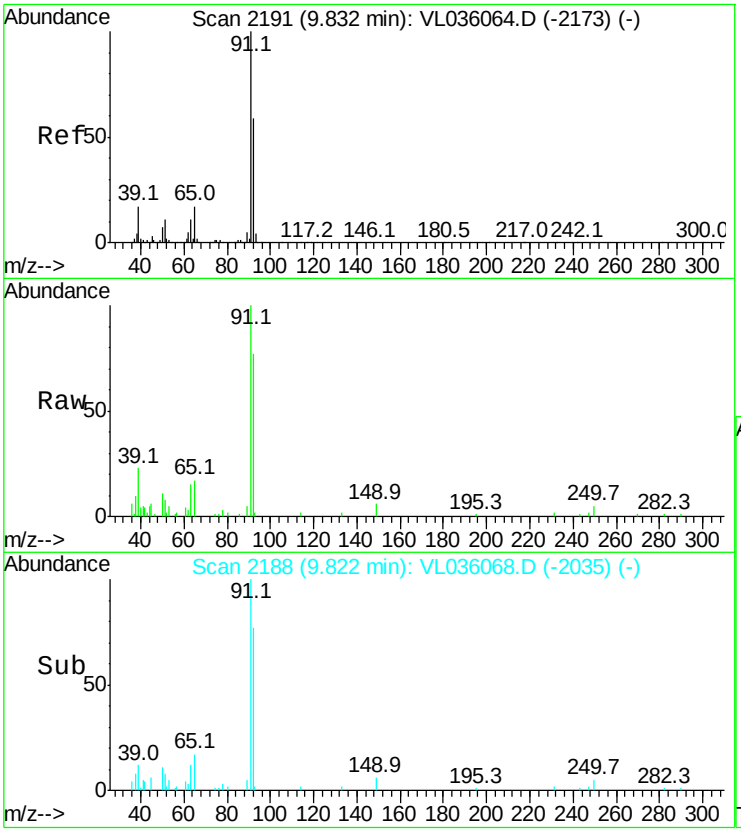


#46
cis-1,3-Dichloropropene
Concen: 0.041 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 75 Resp: 3838

Ion	Ratio	Lower	Upper
75	100		
39	62.2	61.6	92.4
77	0.0	23.0	34.6#



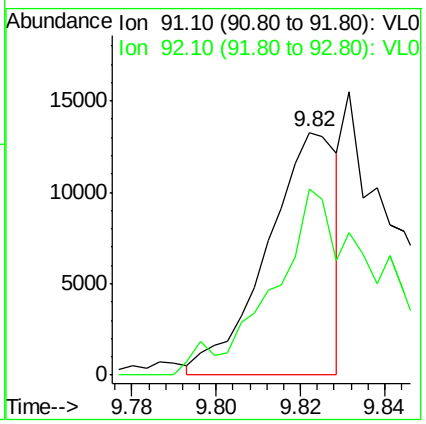


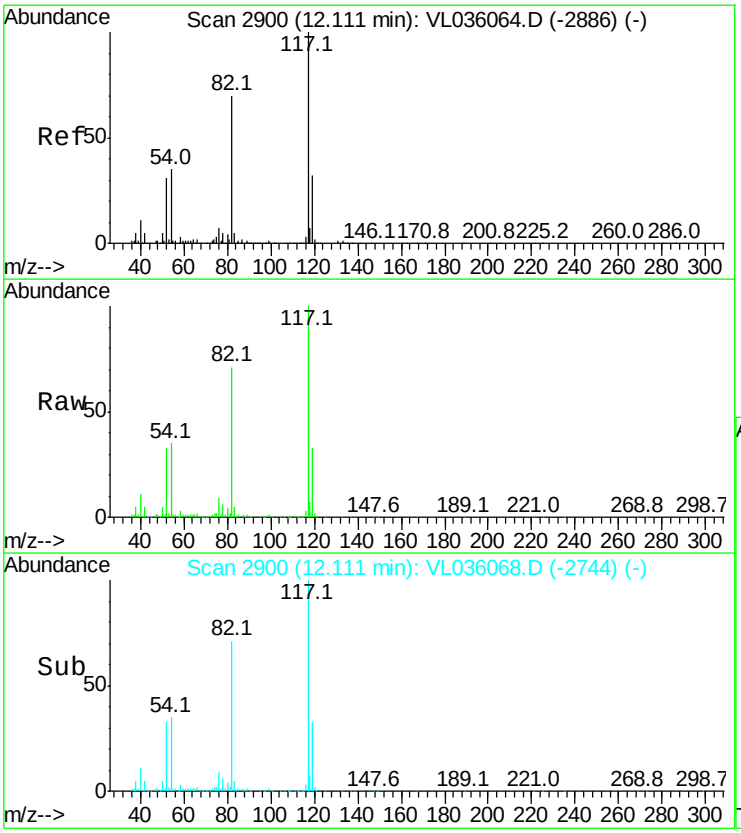
#53
Toluene
Concen: 0.069 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 15309

Ion	Ratio	Lower	Upper
91	100		
92	127.9	48.2	72.2#

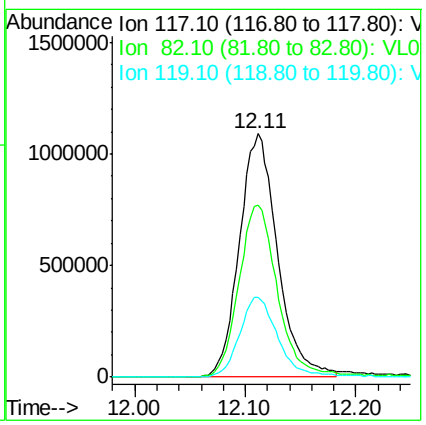


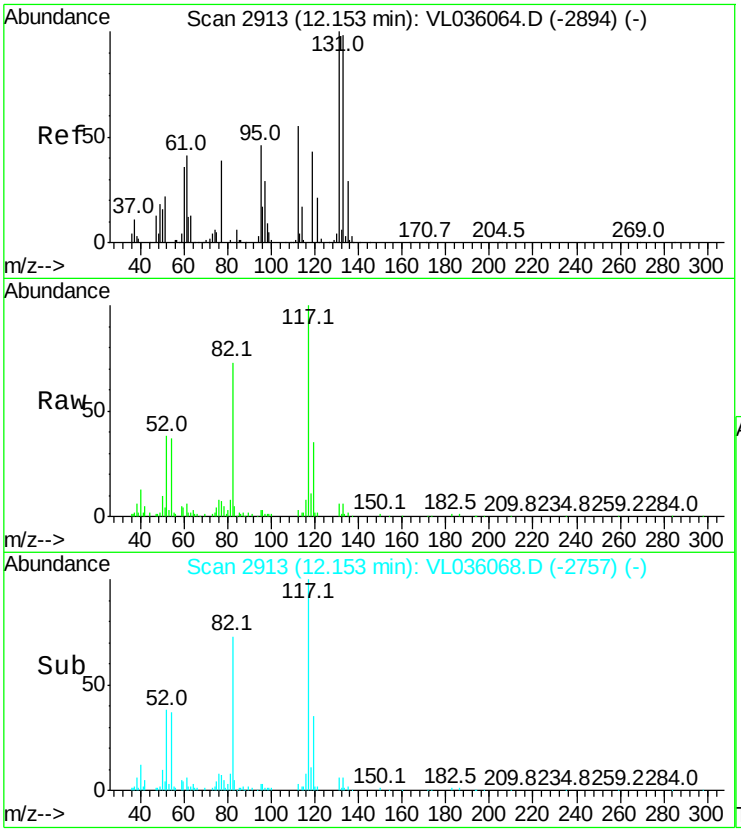


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:117 Resp: 2618523

Ion	Ratio	Lower	Upper
117	100		
82	73.4	0.0	0.0#
119	33.1	0.0	0.0#



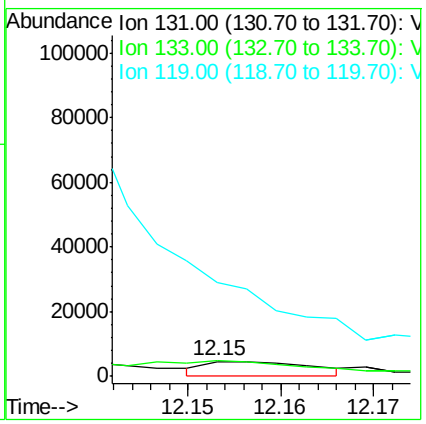


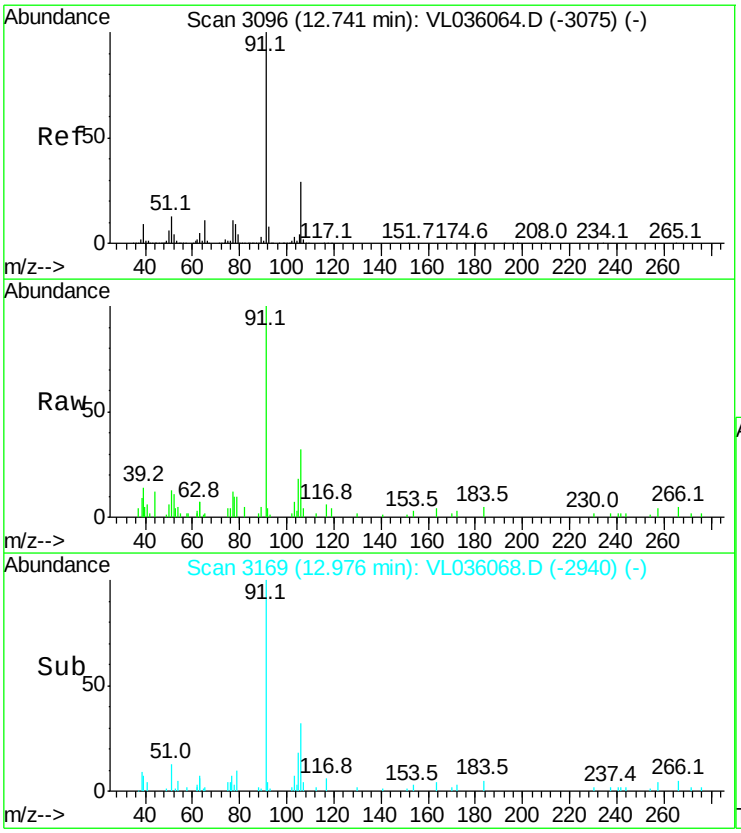
#56
1,1,1,2-Tetrachloroethane
Concen: 0.035 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:131 Resp: 3708

Ion	Ratio	Lower	Upper
131	100		
133	303.4	77.7	116.5#
119	0.0	51.6	77.4#

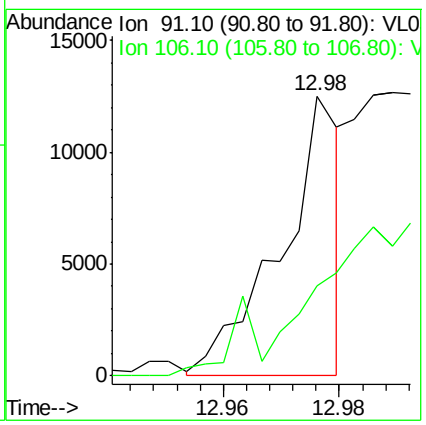


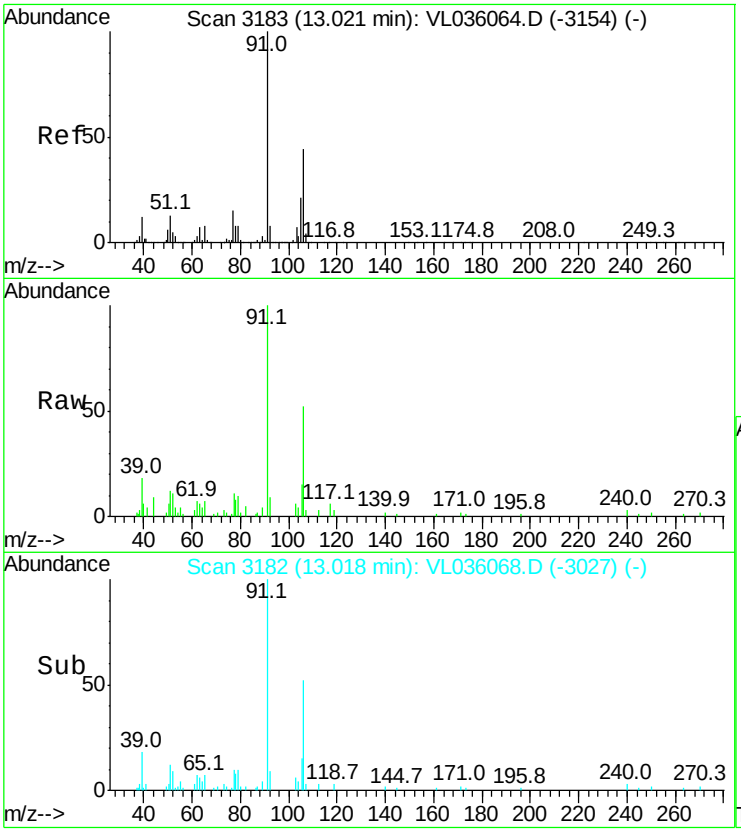


#58
Ethyl Benzene
Concen: 0.034 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. 0.23 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 91 Resp: 8879

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.0	34.4



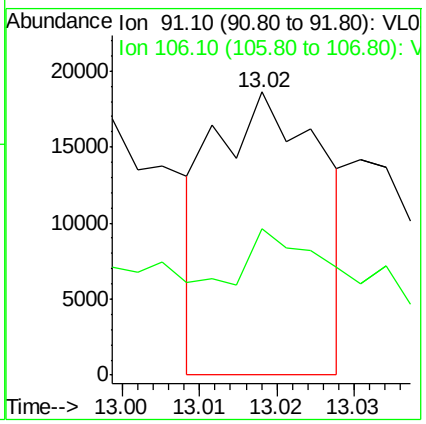


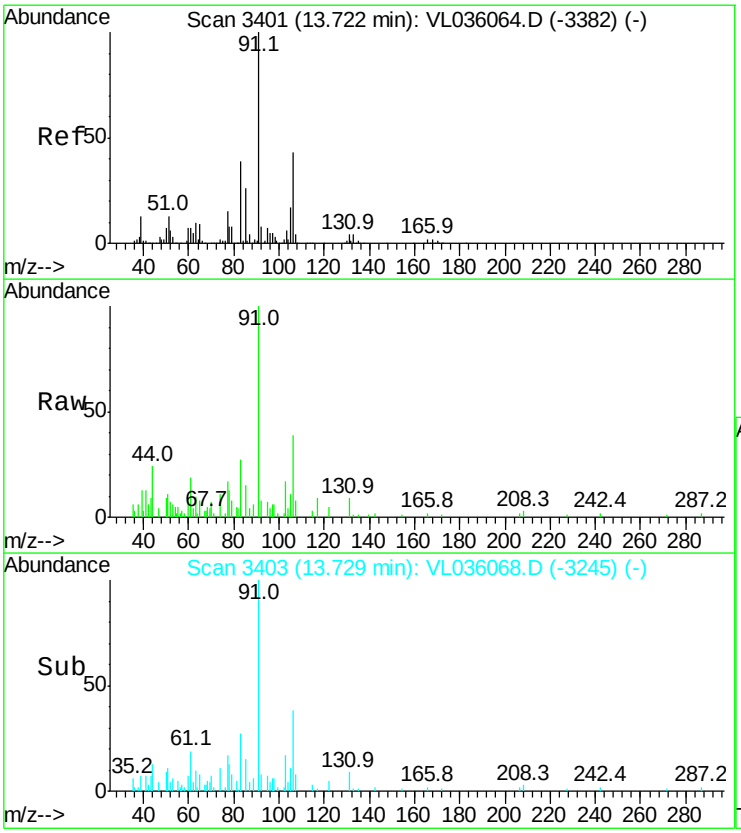
#59
m/p-Xylene
Concen: 0.077 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 18244

Ion	Ratio	Lower	Upper
91	100		
106	171.3	33.6	50.4#

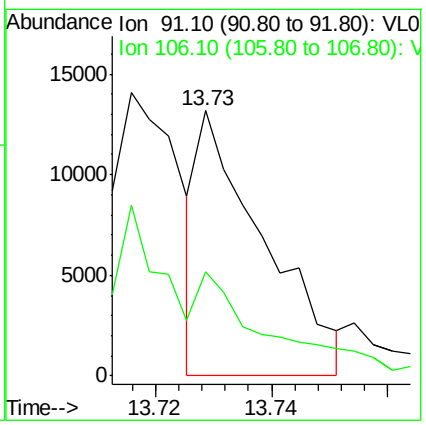


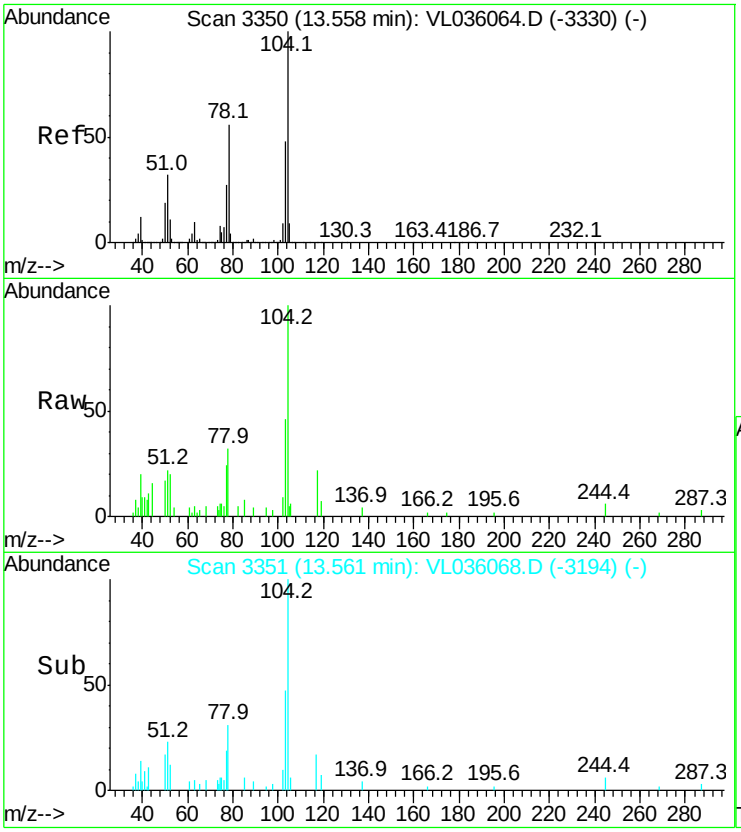


#60
o-Xylene
Concen: 0.044 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 91 Resp: 10463

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.6	64.6#



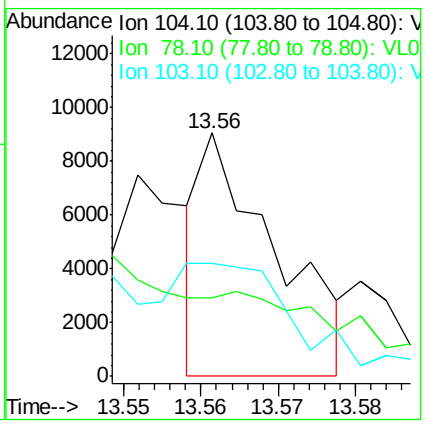


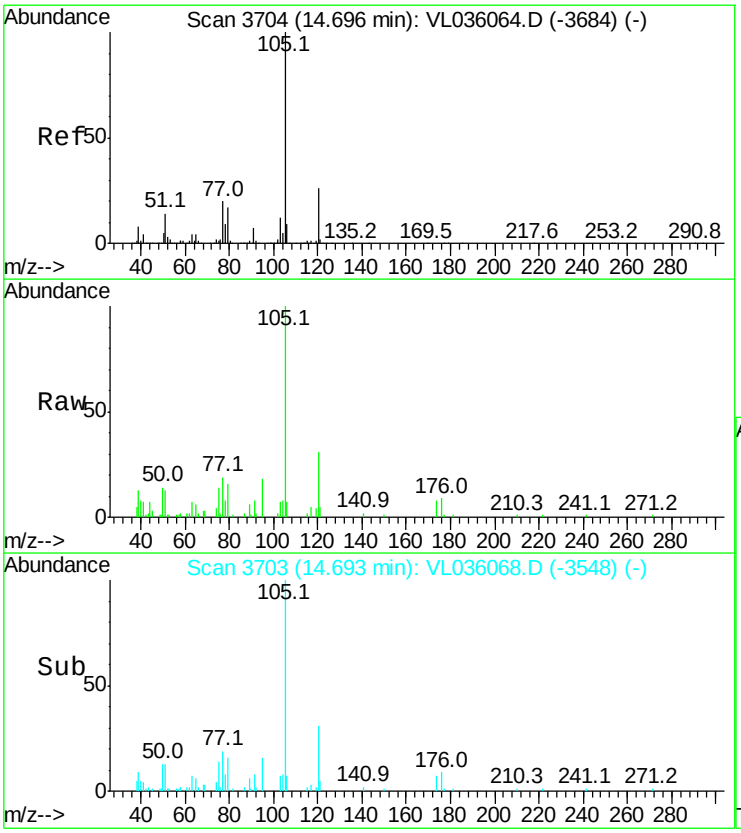
#61
Styrene
Concen: 0.045 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:104 Resp: 6118

Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.8	68.8#
103	161.2	38.6	57.8#

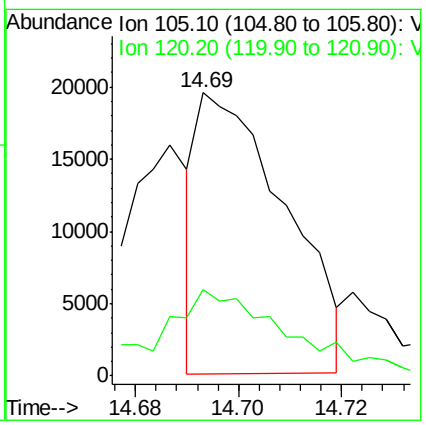


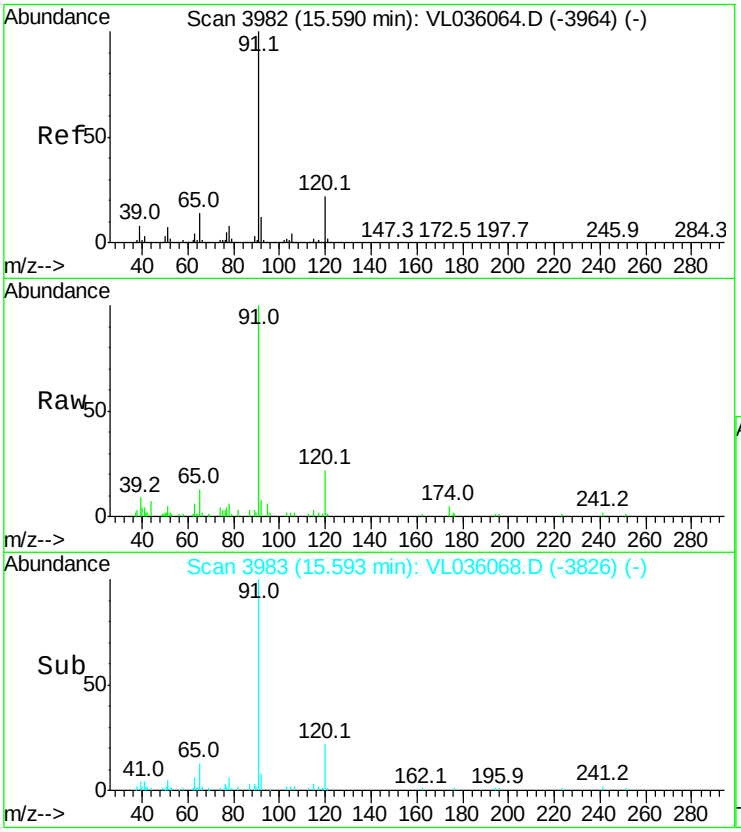


#62
Isopropylbenzene
Concen: 0.065 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:105 Resp: 22964

Ion	Ratio	Lower	Upper
105	100		
120	49.6	20.1	30.1#



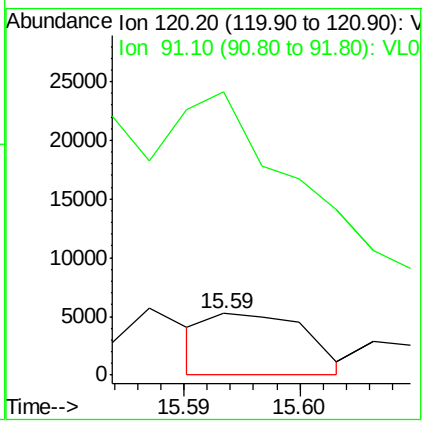


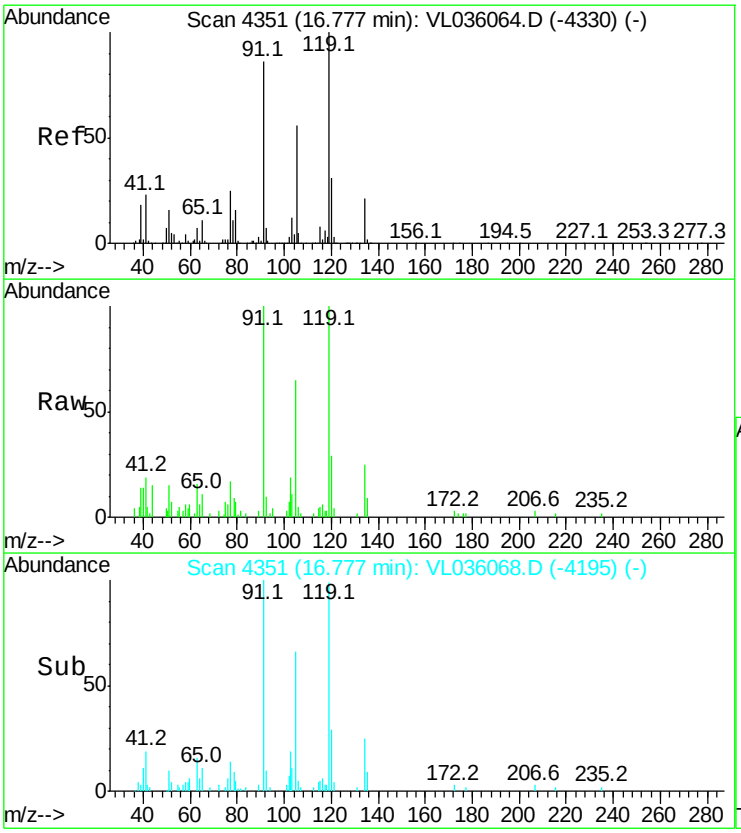
#64
n-propylbenzene
Concen: 0.033 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:120 Resp: 3056

Ion	Ratio	Lower	Upper
120	100		
91	1859.0	388.9	583.3#

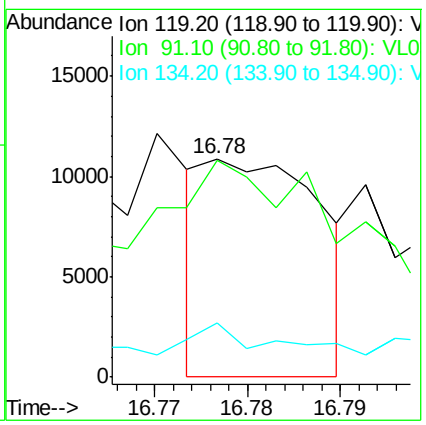


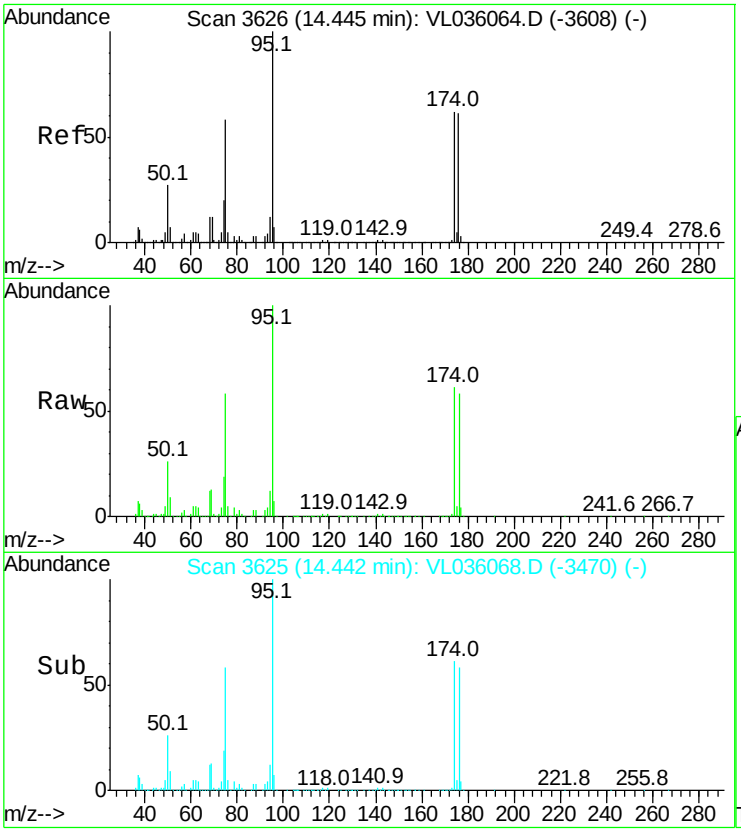


#65
tert-Butylbenzene
Concen: 0.032 ppbv
RT: 16.78 min Scan# 4351
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:119 Resp: 9412

Ion	Ratio	Lower	Upper
119	100		
91	318.0	70.2	105.2#
134	66.6	15.8	23.6#



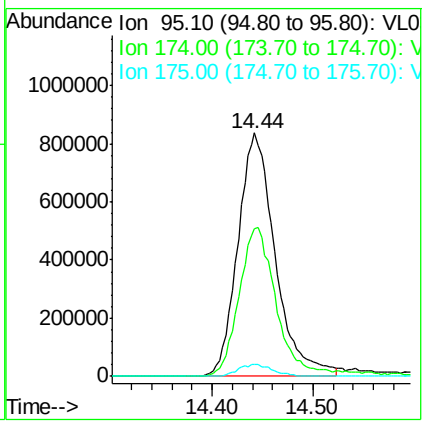


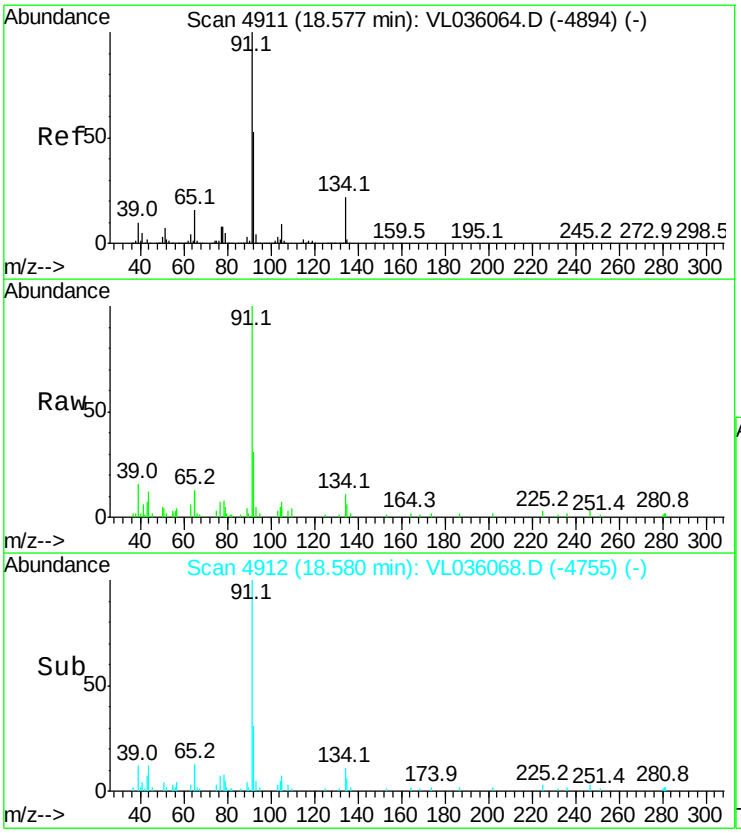
#68
1-Bromo-4-Fluorobenzene
Concen: 10.721 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 2144980

Ion	Ratio	Lower	Upper
95	100		
174	63.8	50.7	76.1
175	4.8	4.0	6.0

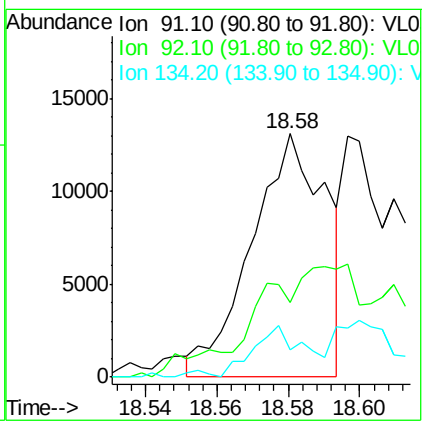


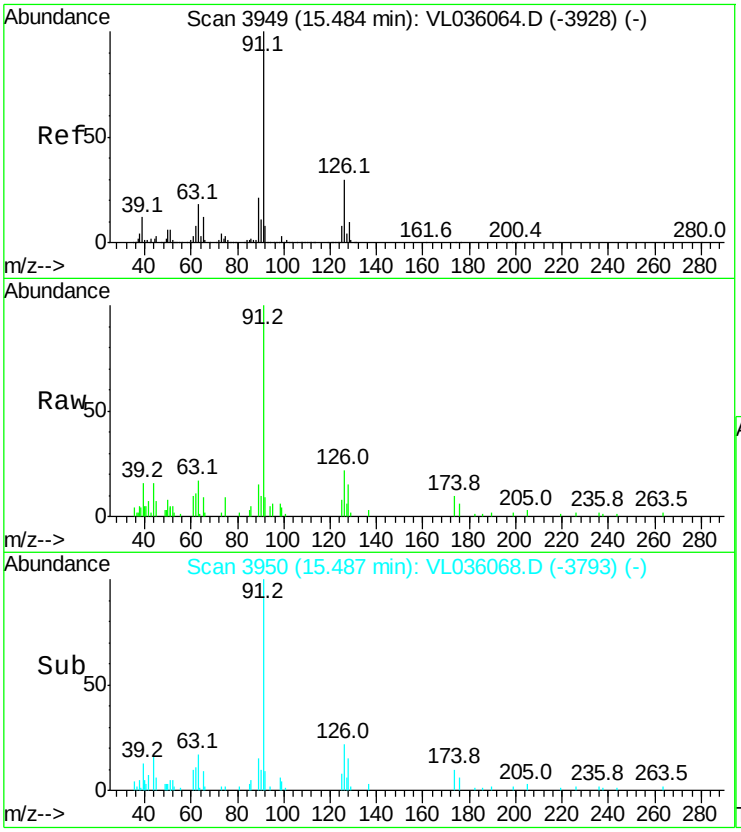


#70
n-Butylbenzene
Concen: 0.062 ppbv
RT: 18.58 min Scan# 4912
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion: 91 Resp: 18919

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.3	64.9#
134	0.0	17.1	25.7#



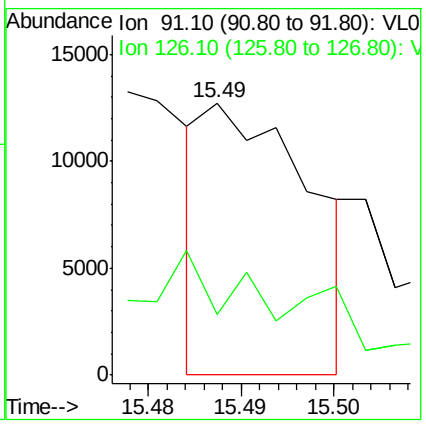


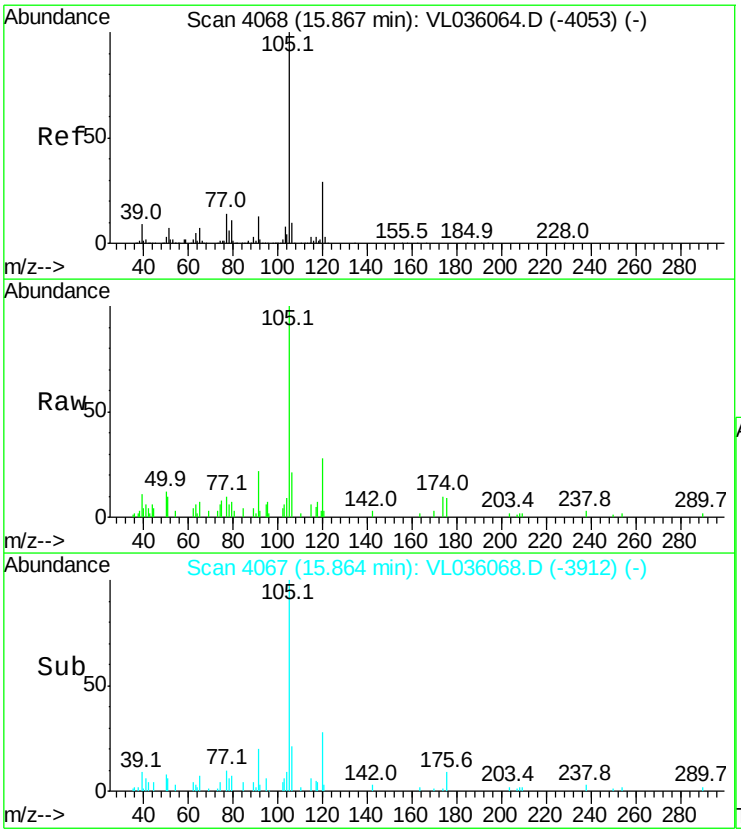
#71
2-Chlorotoluene
Concen: 0.041 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 10041

Ion	Ratio	Lower	Upper
91	100		
126	120.5	11.6	46.4#

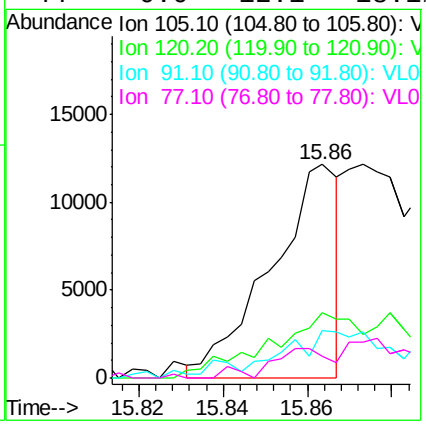


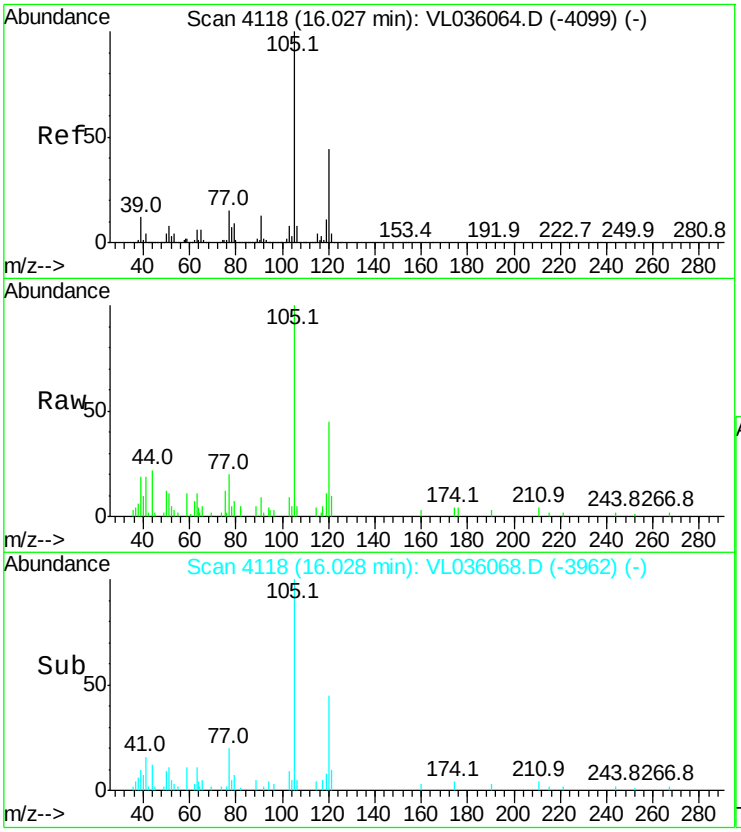


#72
4-Ethyltoluene
Concen: 0.055 ppbv
RT: 15.86 min Scan# 4067
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:105 Resp: 13479

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.6	35.4#
91	57.7	11.4	17.0#
77	0.0	12.1	18.1#



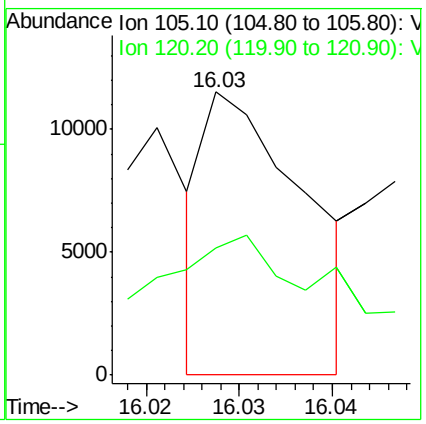


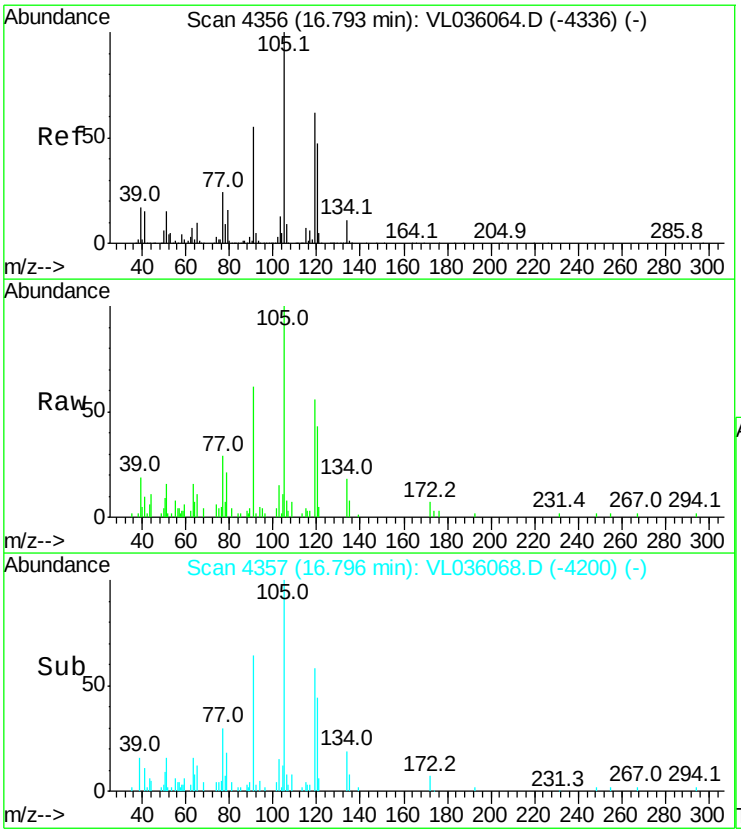
#73
1,3,5-Trimethylbenzene
Concen: 0.037 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:105 Resp: 8534

Ion	Ratio	Lower	Upper
105	100		
120	16.7	35.4	53.2#

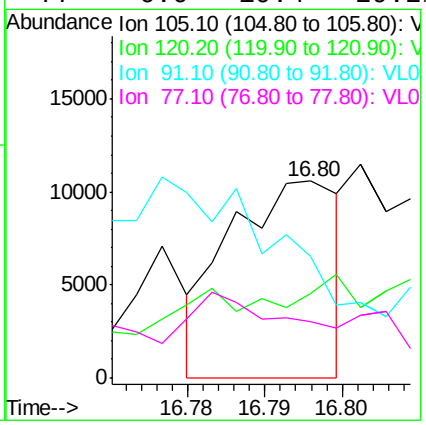


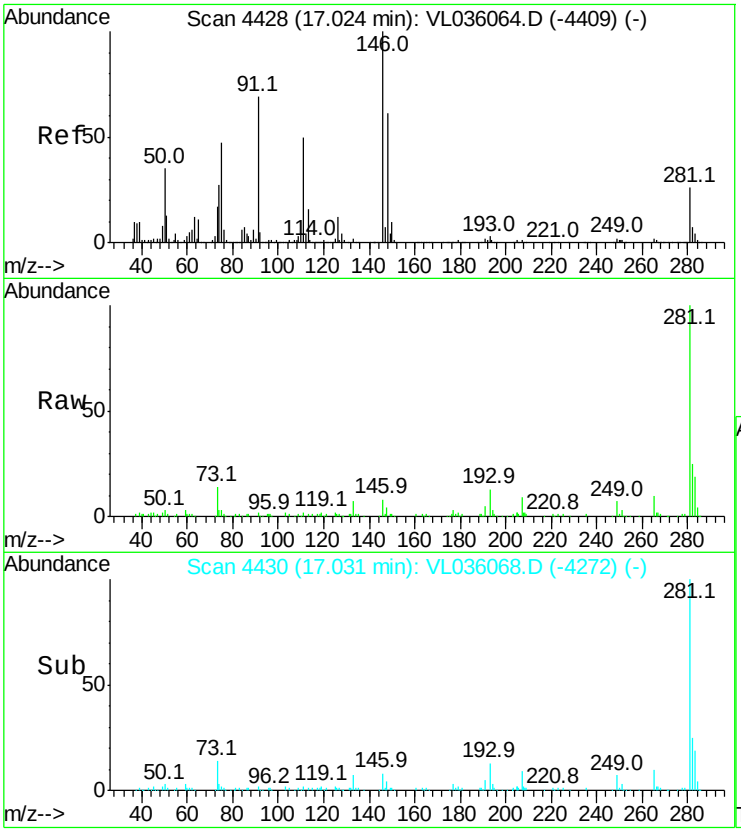


#74
1,2,4-Trimethylbenzene
Concen: 0.041 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:105 Resp: 10429

Ion	Ratio	Lower	Upper
105	100		
120	10.1	37.4	56.0#
91	42.7	45.6	68.4#
77	6.0	19.4	29.2#



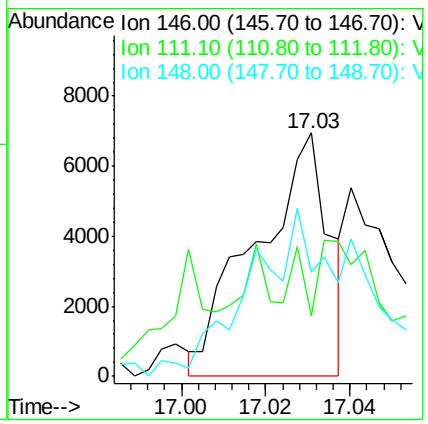


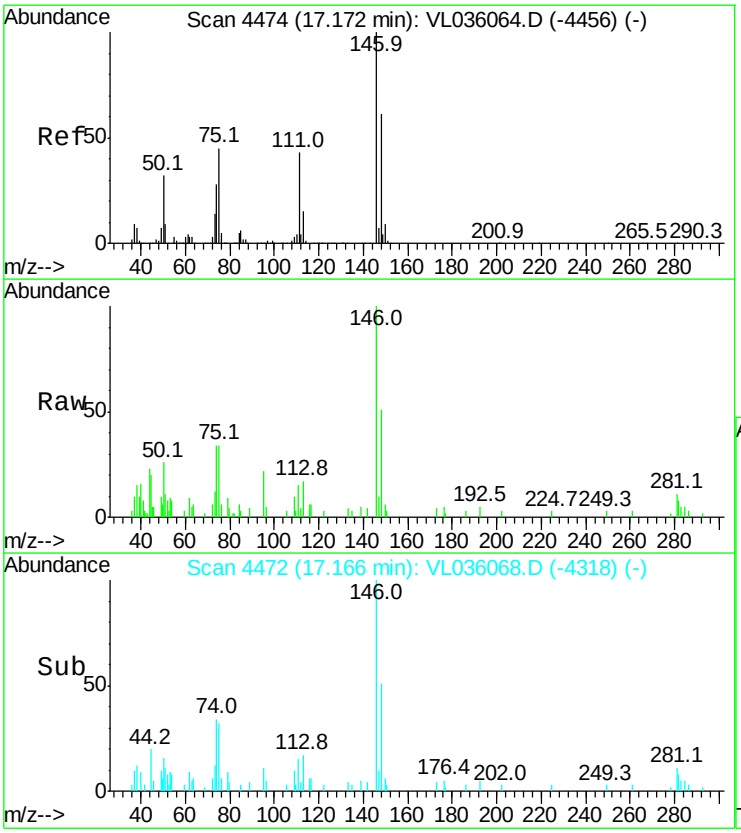
#75
1,3-Dichlorobenzene
Concen: 0.054 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. 0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 8327

Ion	Ratio	Lower	Upper
146	100		
111	150.7	25.1	75.3#
148	139.4	32.9	98.6#

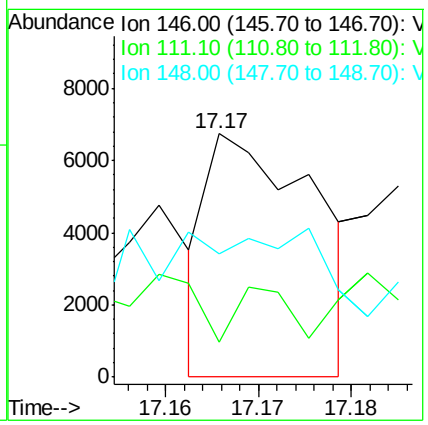


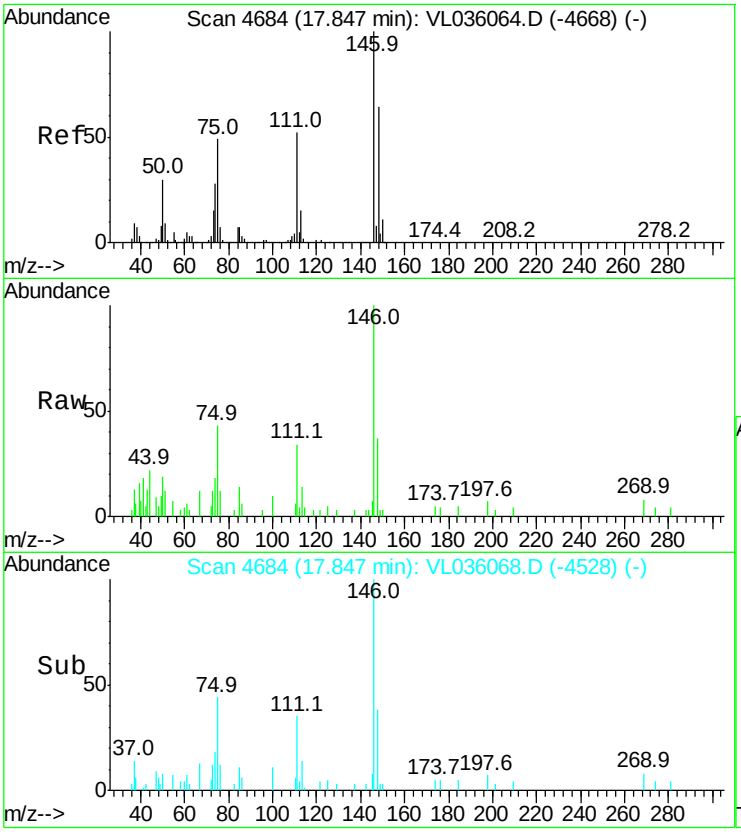


#76
1,4-Dichlorobenzene
Concen: 0.037 ppbv
RT: 17.17 min Scan# 4472
Delta R.T. -0.01 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:146 Resp: 5412

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.3	72.8#
148	0.0	32.8	98.3#



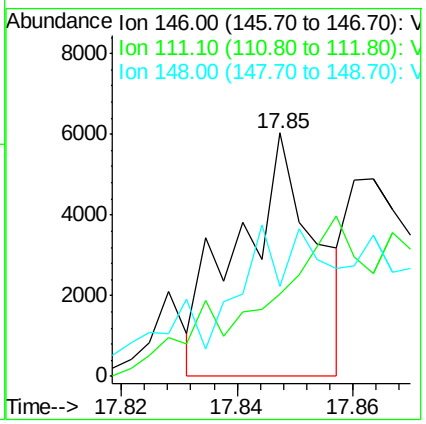


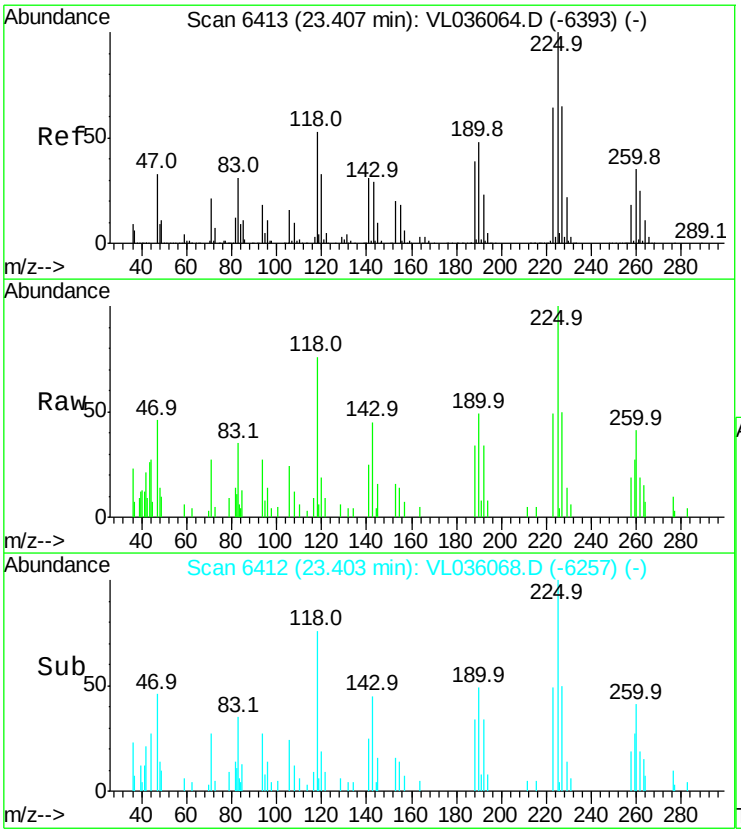
#77
1,2-Dichlorobenzene
Concen: 0.039 ppbv
RT: 17.85 min Scan# 4684
Delta R.T. 0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 5559

Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.1	78.2#
148	174.9	33.1	99.5#





#78
Hexachloro-1,3-Butadiene
Concen: 0.055 ppbv
RT: 23.40 min Scan# 6412
Delta R.T. -0.00 min
Lab File: VL036068.D
Acq: 7 Dec 2020 15:00

Tgt Ion:225 Resp: 4296

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.1	76.7#
227	0.0	51.7	77.5#