Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\

Quantitation Report (Not Reviewed)

Data File : VL034845.D
Acq On : 9 Mar 2020 14:51
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 09 15:40:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 15:34:13 2020
QLast Update : Mon Mar 09 15:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	926325	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2124523	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2066848	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1649494	9.57	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.15	85	14587	0.096	ppbv		89
3) Chlorodifluoromethane	2.95	51	11077	0.105	ppbv		99
4) Chloromethane	3.11	50	6759	0.119	ppbv		96
5) Vinyl Chloride	3.21	62	2134	0.036	ppbv		95
6) Bromomethane	3.44	94	2367	0.072	ppbv		88
7) Chloroethane	3.53	64	1960	0.094	ppbv	#	44
8) Dichlorotetrafluoroethane	3.15	85	14587	0.111	ppbv		96
9) Propene	2.97	41	7270	0.175	ppbv		95
10) Heptane	8.13	43	6554	0.062	ppbv	#	44
12) 1,1,2-Trichlorotrifluoroet	4.46	101	7657	0.082	ppbv		87
14) Bromoethene	3.71	108	3243	0.085	ppbv	#	11
15) Acetone	3.84	43	21781	0.196	ppbv	#	74
16) 1,3-Butadiene	3.29	39	6072	0.121	ppbv		95
18) 1,1-Dichloroethene	4.27	96	4879	0.119	ppbv	#	75
20) Methylene Chloride	4.31	84	3800	0.096	ppbv	#	81
21) Allyl Chloride	4.38	41	2552	0.036	ppbv	#	1
23) Vinyl Acetate	5.06	43	10058	0.068	ppbv	#	92
24) 1,1-Dichloroethane	4.99	63	12602	0.109	ppbv	#	95
25) Ethyl Acetate	5.68	43	22562	0.118	ppbv	#	96
26) Hexane	5.67	57	5670	0.068	ppbv	#	1
27) Carbon Disulfide	4.54	76	7999	0.082	ppbv	#	22
28) Methyl tert-Butyl Ether	5.04	73	16853	0.135	ppbv		95
29) Chloroform	5.74	83	13731	0.097	ppbv	#	60
30) Cyclohexane	7.12	84	3732	0.058	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	8043	0.094	ppbv	#	48
34) 2-Butanone	5.25	43	6952	0.050	ppbv	#	54
35) Carbon Tetrachloride	7.02	117	6806	0.042	ppbv	#	87
36) Benzene	6.88	78	8806	0.049	ppbv		95
38) Trichloroethene	7.84	130	5510	0.078	ppbv	#	68
39) 1,2-Dichloropropane	7.18	63	549783	7.504	ppbv	#	23
42) Bromodichloromethane	7.79	83	9570	0.061	ppbv		98
43) Methyl Methacrylate	8.03	69	7129	0.093	ppbv		91
44) 2,2,4-Trimethylpentane	7.87	57	11132	0.035	ppbv	#	1
48) Dibromochloromethane	10.32	129	9251	0.076	ppbv		99
52) Tetrachloroethene	11.24	164	2352	0.035	ppbv	#	42
53) Toluene	9.82	91	11032	0.057	ppbv	#	42
54) 1,2-Dibromoethane	10.64	107	4731	0.041	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.15	131	5299	0.058	ppbv	#	14
57) Chlorobenzene	12.17	112	10451	0.066	ppbv		99
58) Ethyl Benzene	12.73	91	9786	0.038	ppbv		95
59) m/p-Xylene	13.02	91	6909	0.031	ppbv	#	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\

Quantitation Report (Not Reviewed)

Data File : VL034845.D
Acq On : 9 Mar 2020 14:51
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 09 15:40:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 15:34:13 2020
QLast Update : Mon Mar 09 15:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) Isopropylbenzene	14.70	105	20283	0.062	ppbv	#	70
64) n-propylbenzene	15.60	120	4624	0.056	ppbv	#	1
65) tert-Butylbenzene	16.78	119	9528	0.034	ppbv	#	1
69) p-Isopropyltoluene	17.69	119	11366	0.035	ppbv	#	47
71) 2-Chlorotoluene	15.48	91	12654	0.051	ppbv	#	44
72) 4-Ethyltoluene	15.87	105	12609	0.051	ppbv	#	51
76) 1,4-Dichlorobenzene	17.18	146	6375	0.043	ppbv	#	15
77) 1,2-Dichlorobenzene	17.86	146	6194	0.042	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.42	225	7090	0.058	ppbv	#	18
81) 1,2,4-Trichlorobenzene	21.98	180	3788	0.031	ppbv	#	1

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

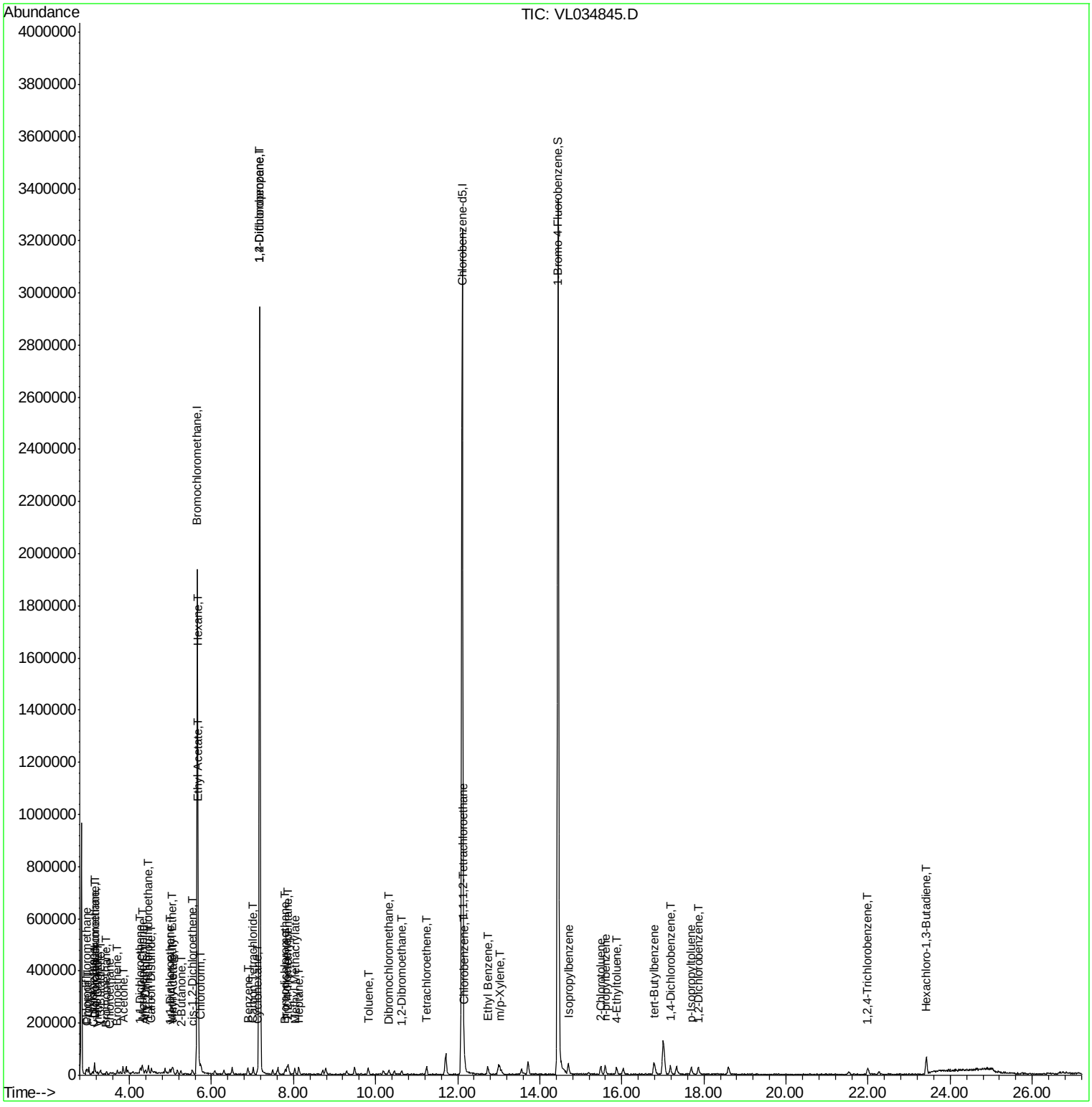
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030920\

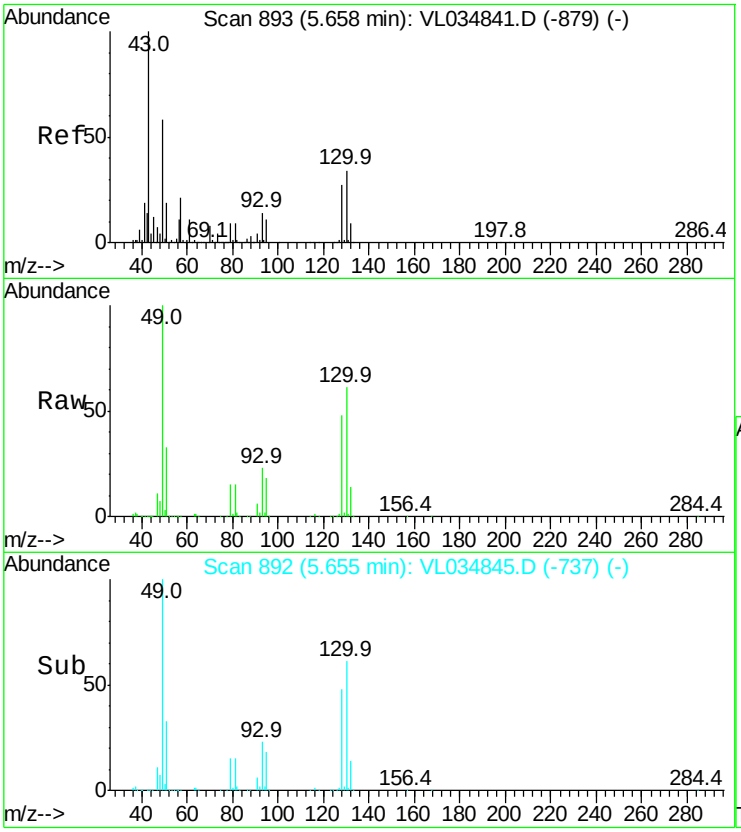
Quantitation Report (Not Reviewed)

Data File : VL034845.D
Acq On : 9 Mar 2020 14:51
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 09 15:40:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 15:34:13 2020
QLast Update : Mon Mar 09 15:34:13 2020
Response via : Initial Calibration



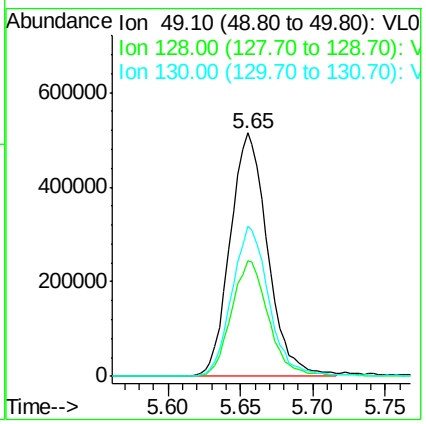


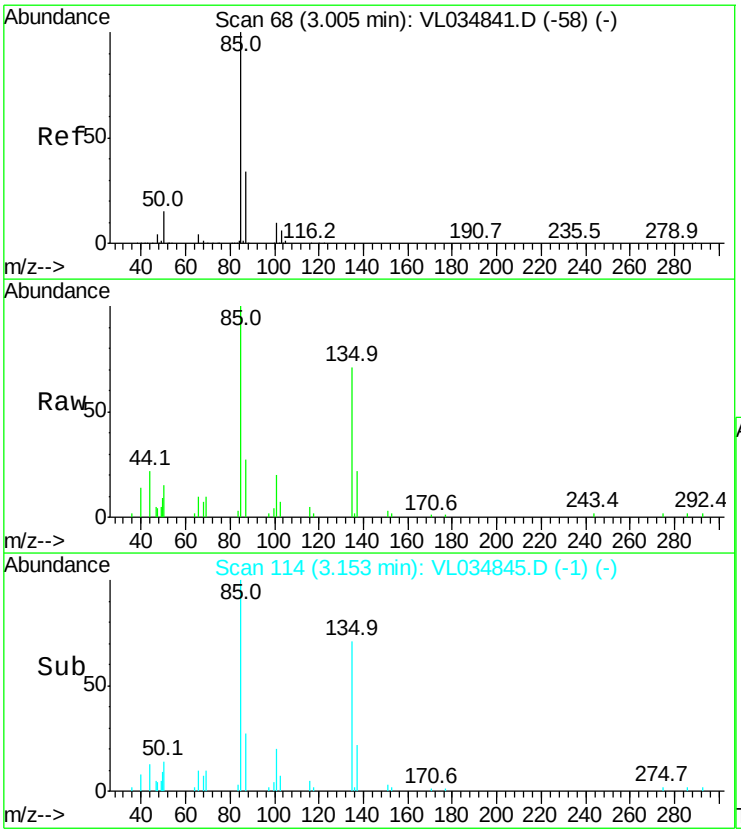
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 926325

Ion	Ratio	Lower	Upper
49	100		
128	47.2	23.4	70.3
130	61.6	30.0	90.0

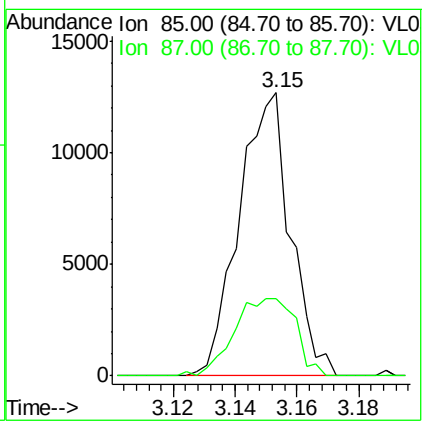


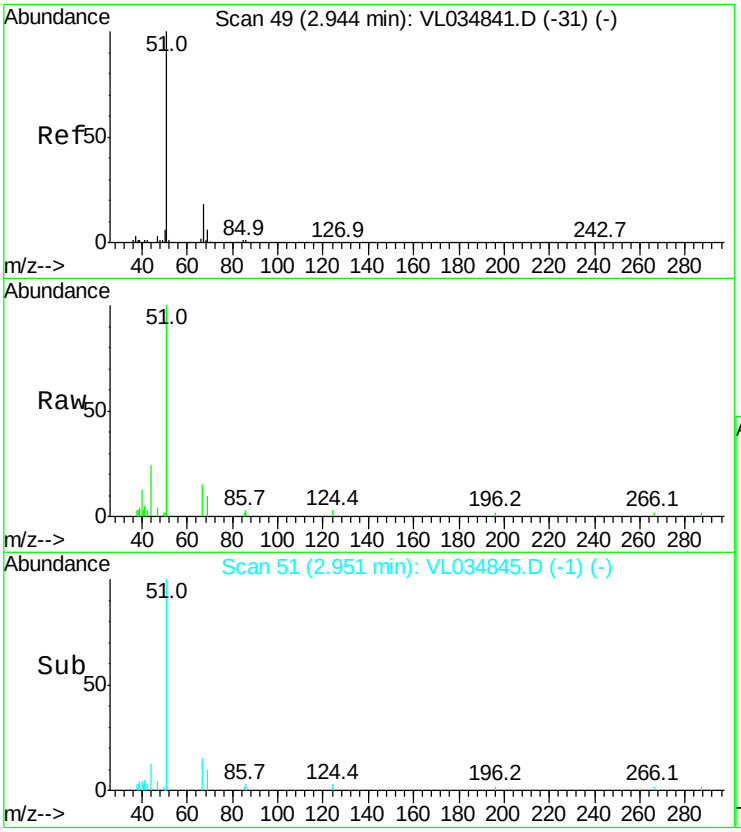


#2
Dichlorodifluoromethane
Concen: 0.096 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.15 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 85 Resp: 14587

Ion	Ratio	Lower	Upper
85	100		
87	27.1	26.9	40.3



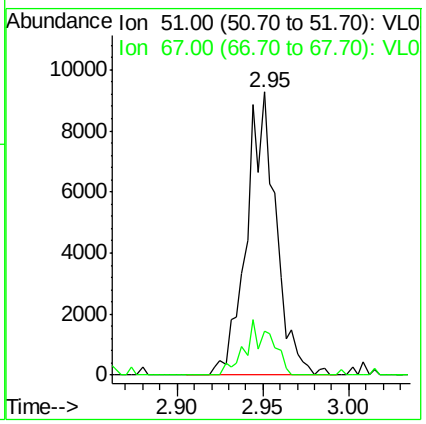


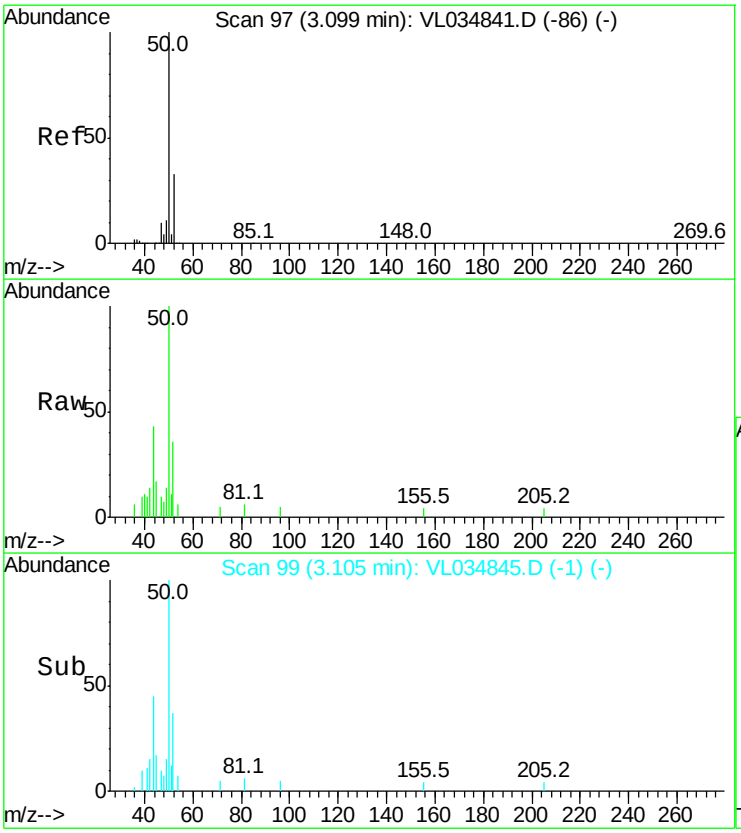
#3
Chlorodifluoromethane
Concen: 0.105 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 11077

Ion	Ratio	Lower	Upper
51	100		
67	17.5	14.3	21.5

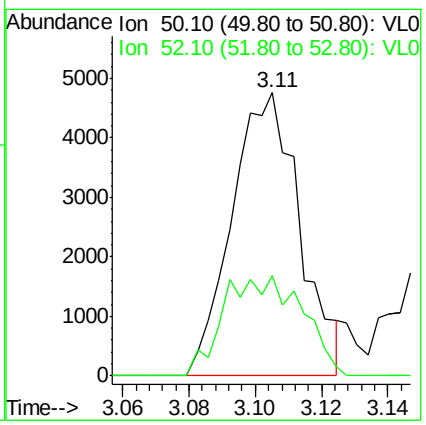


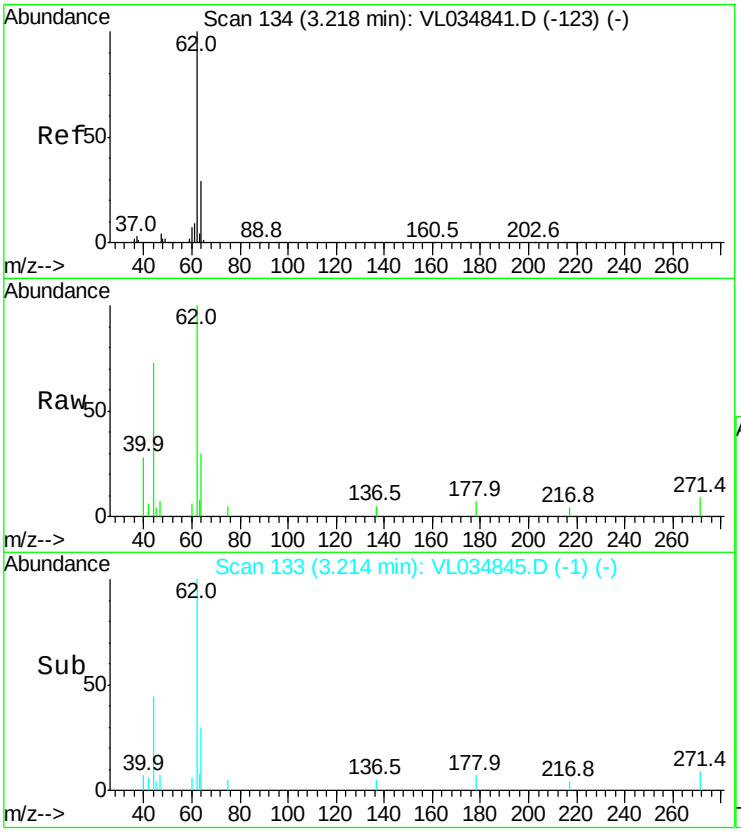


#4
Chloromethane
Concen: 0.119 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 50 Resp: 6759

Ion	Ratio	Lower	Upper
50	100		
52	35.6	26.8	40.2



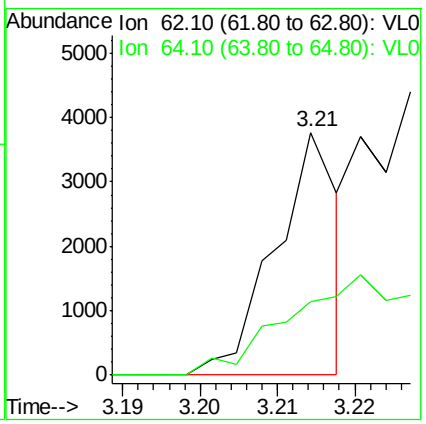


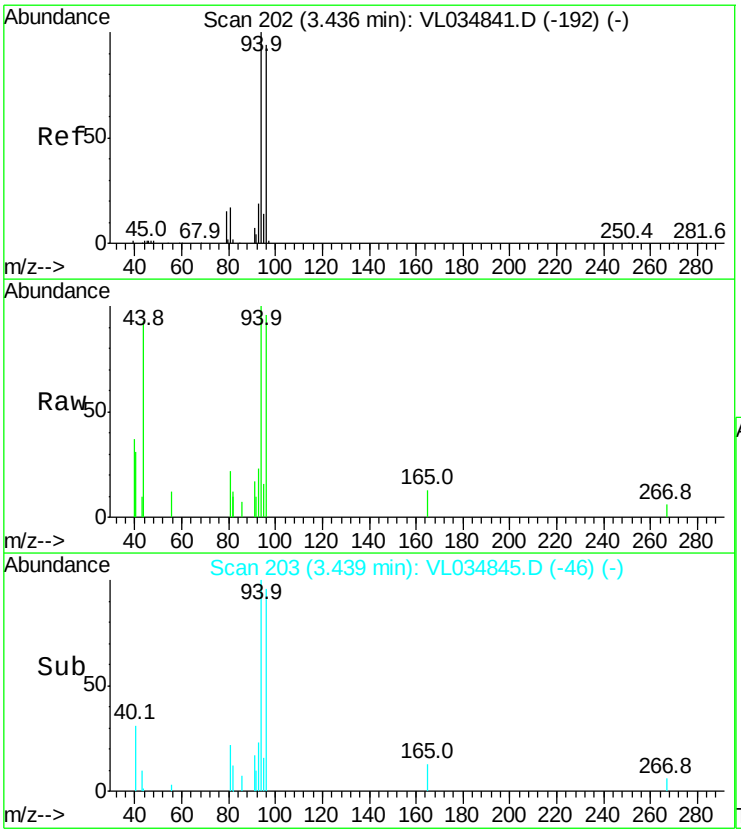
#5
Vinyl Chloride
Concen: 0.036 ppbv
RT: 3.21 min Scan# 133
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 2134

Ion	Ratio	Lower	Upper
62	100		
64	31.6	23.0	34.4

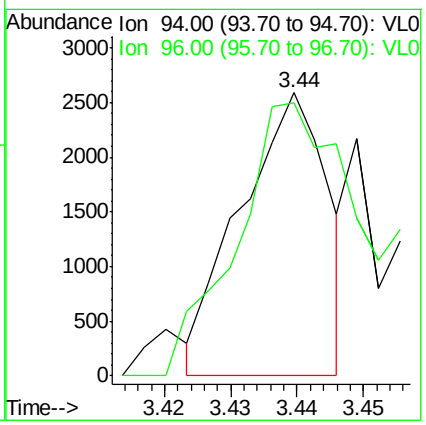


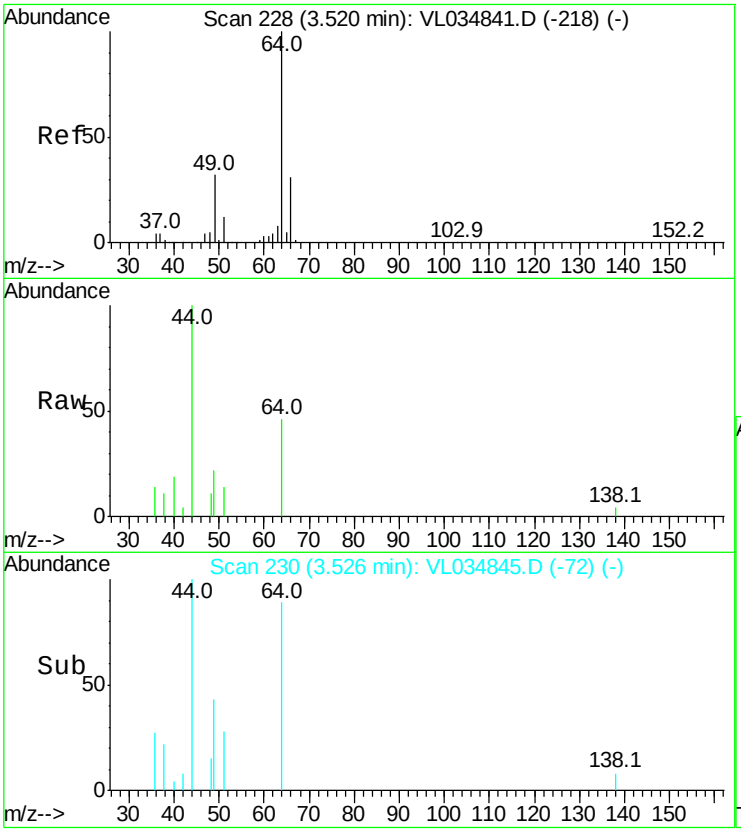


#6
Bromomethane
Concen: 0.072 ppbv
RT: 3.44 min Scan# 203
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 94 Resp: 2367

Ion	Ratio	Lower	Upper
94	100		
96	82.9	75.5	113.3



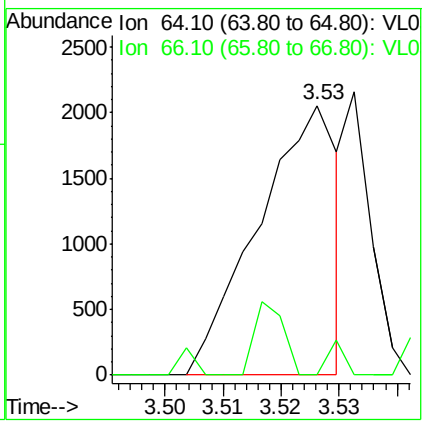


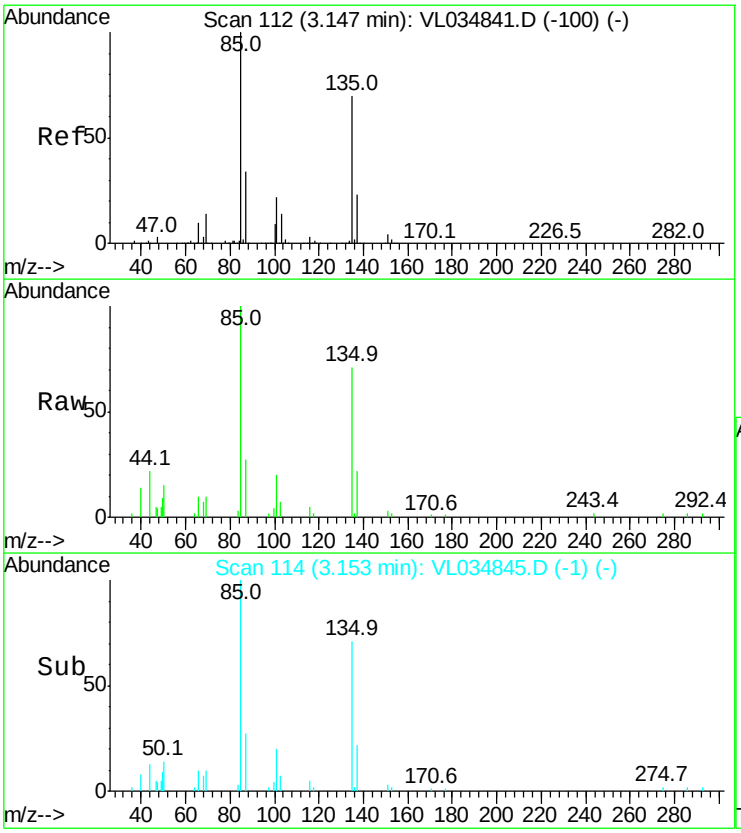
#7
Chloroethane
Concen: 0.094 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 1960

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

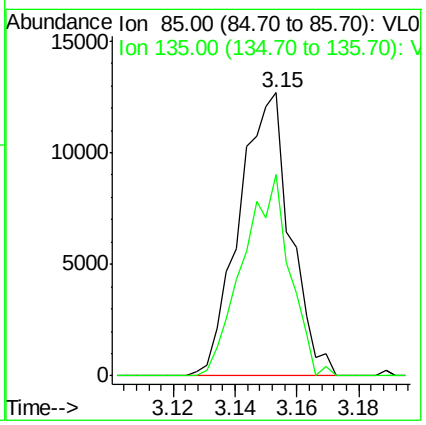


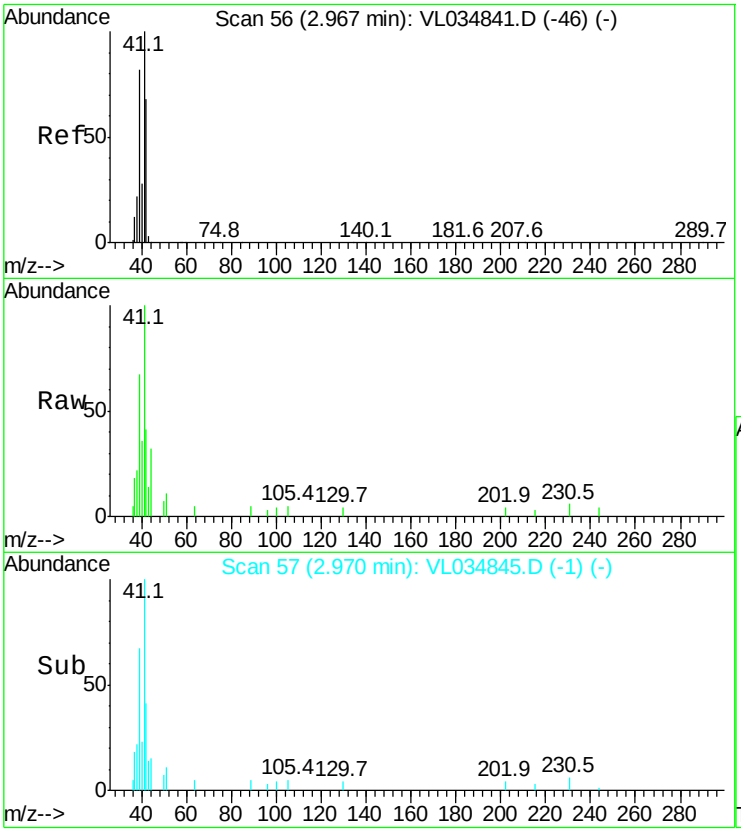


#8
Dichlorotetrafluoroethane
Concen: 0.111 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 85 Resp: 14587

Ion	Ratio	Lower	Upper
85	100		
135	64.9	54.3	81.5



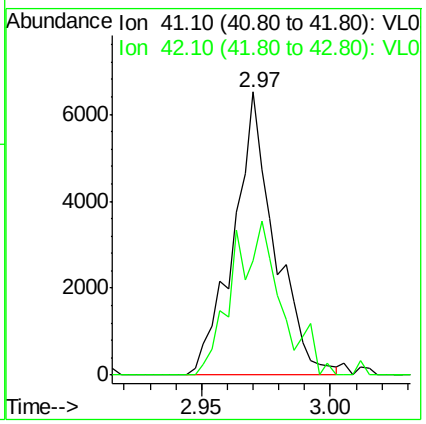


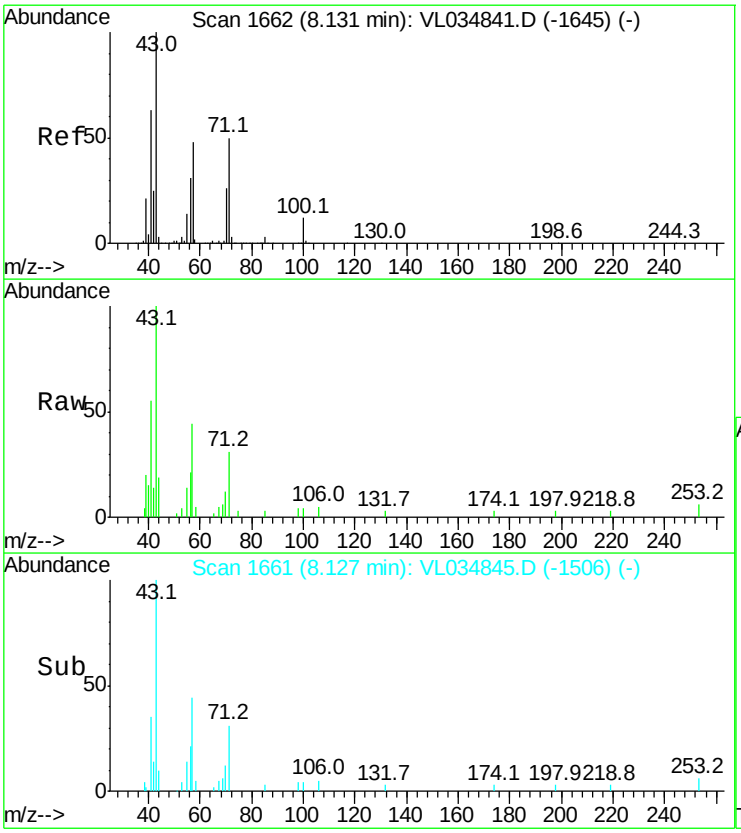
#9
Propene
Concen: 0.175 ppbv
RT: 2.97 min Scan# 57
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 7270

Ion	Ratio	Lower	Upper
41	100		
42	64.8	55.2	82.8

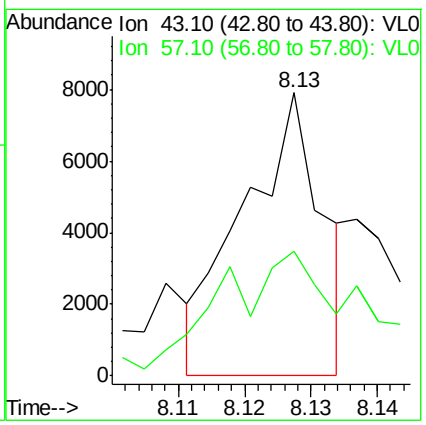


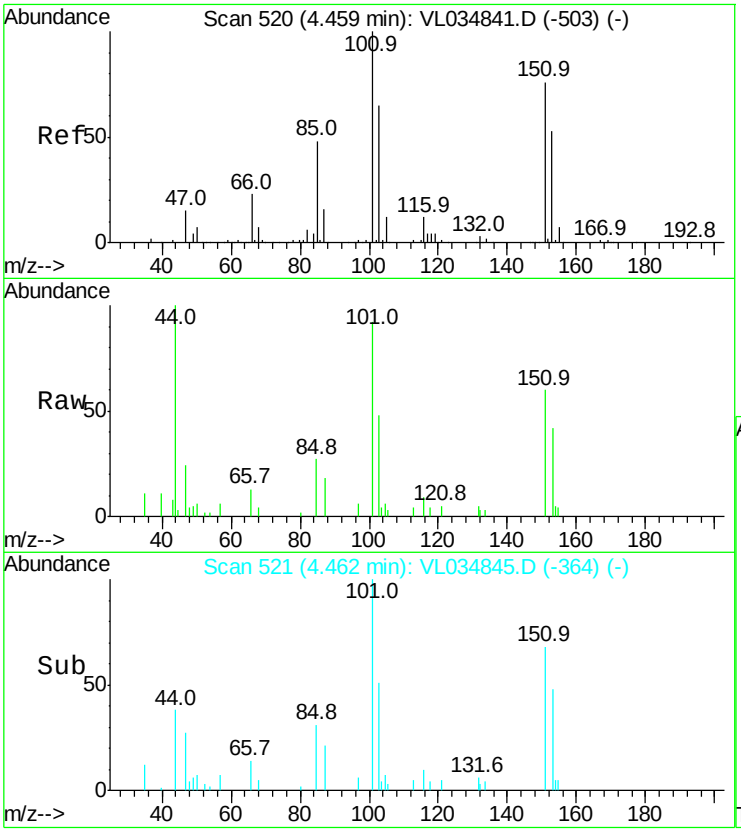


#10
Heptane
Concen: 0.062 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 43 Resp: 6554

Ion	Ratio	Lower	Upper
43	100		
57	87.8	39.7	59.5#



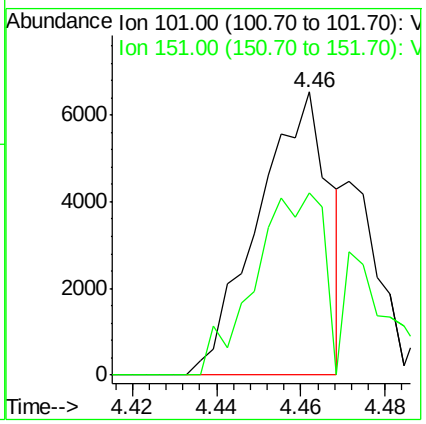


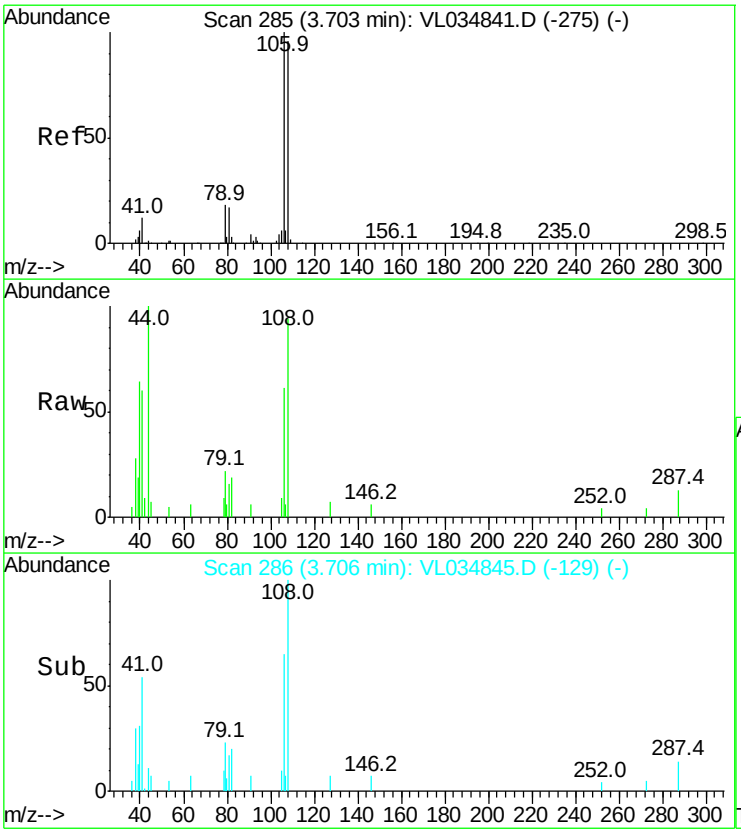
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.082 ppbv
RT: 4.46 min Scan# 521
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 7657

Ion	Ratio	Lower	Upper
101	100		
151	87.5	60.8	91.2

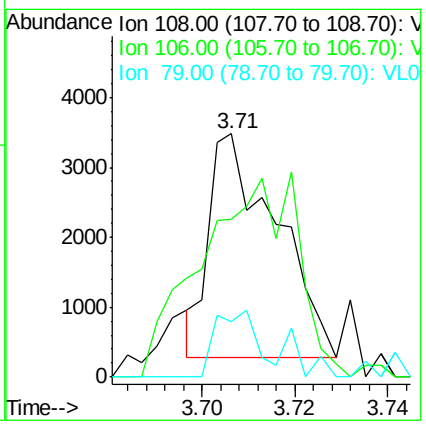


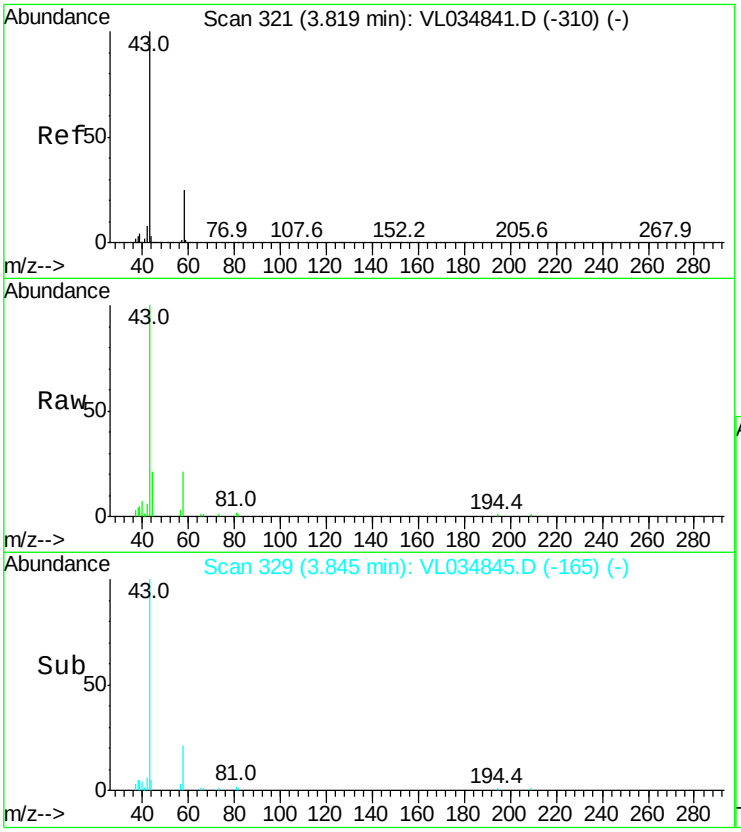


#14
Bromoethene
Concen: 0.085 ppbv
RT: 3.71 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:108 Resp: 3243

Ion	Ratio	Lower	Upper
108	100		
106	0.0	85.1	127.7#
79	23.7	14.7	22.1#



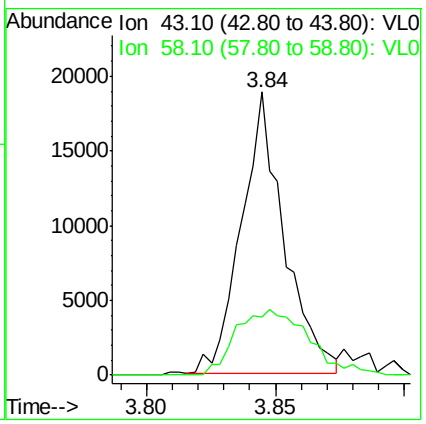


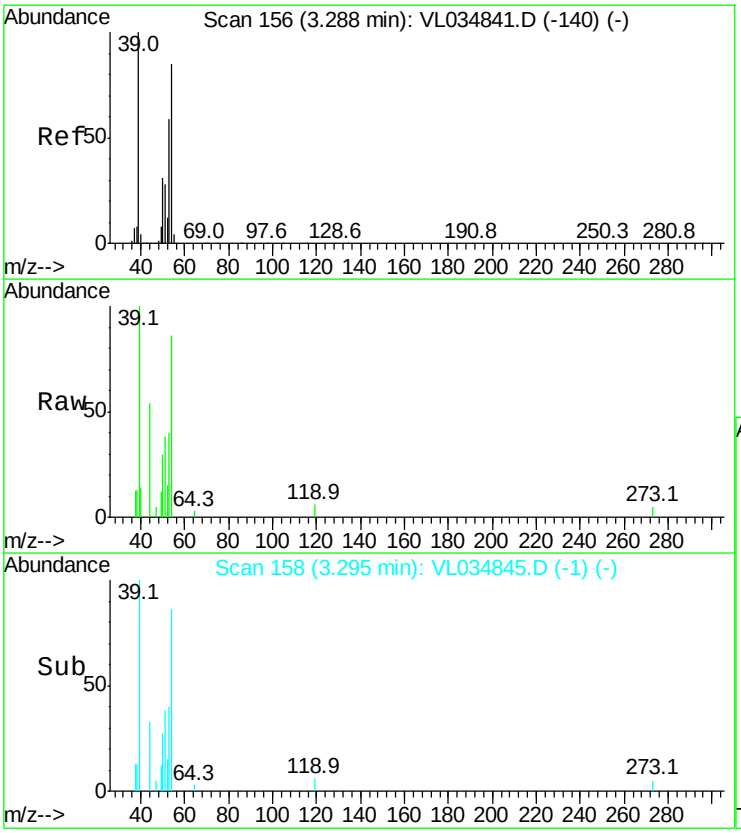
#15
Acetone
Concen: 0.196 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.03 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 21781

Ion	Ratio	Lower	Upper
43	100		
58	39.9	21.0	31.6#

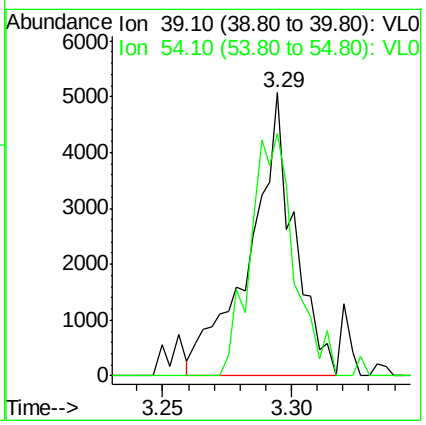


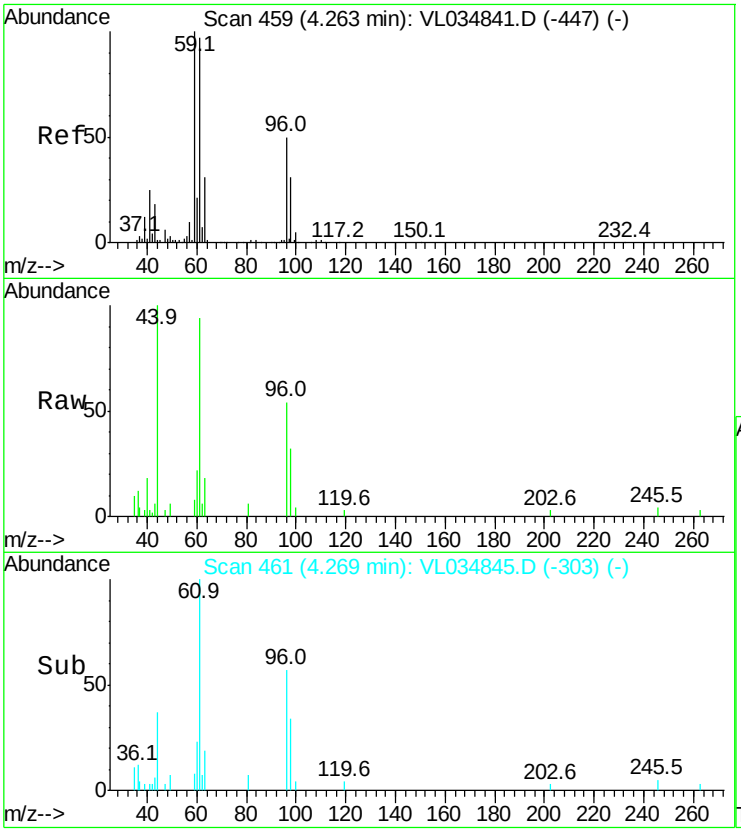


#16
1,3-Butadiene
Concen: 0.121 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 39 Resp: 6072

Ion	Ratio	Lower	Upper
39	100		
54	85.9	65.0	97.6



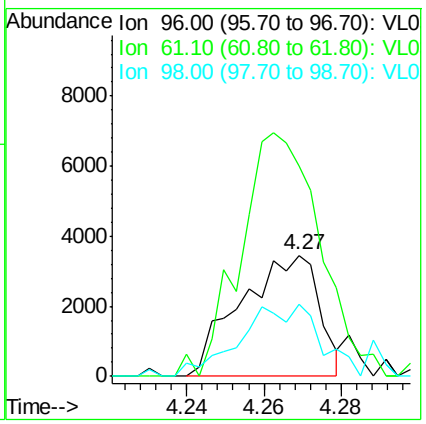


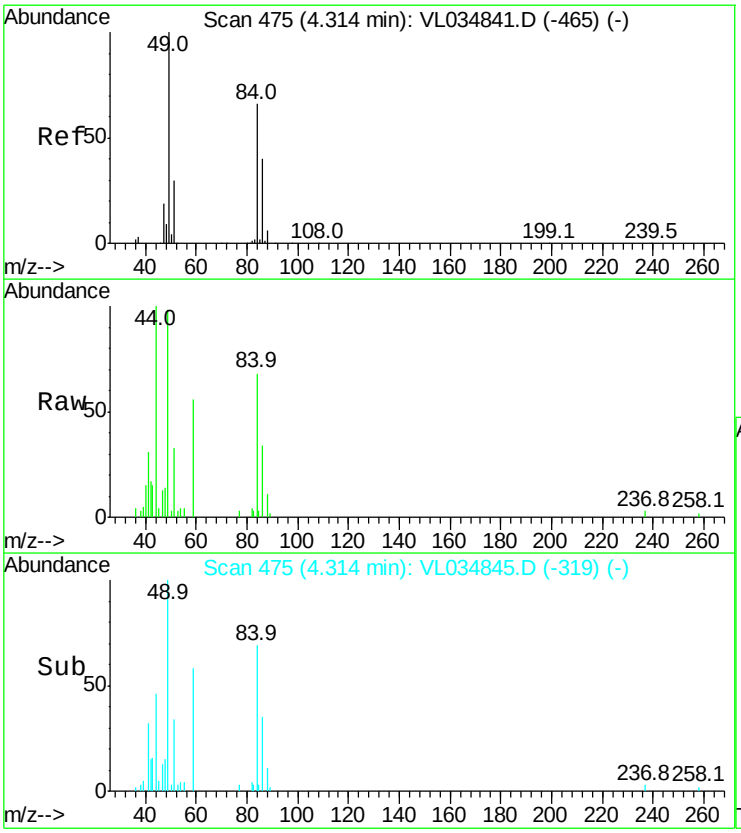
#18
1,1-Dichloroethene
Concen: 0.119 ppbv
RT: 4.27 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 4879

Ion	Ratio	Lower	Upper
96	100		
61	156.2	157.3	235.9#
98	48.3	50.2	75.4#

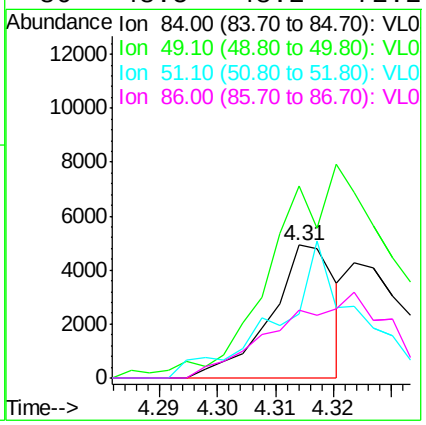


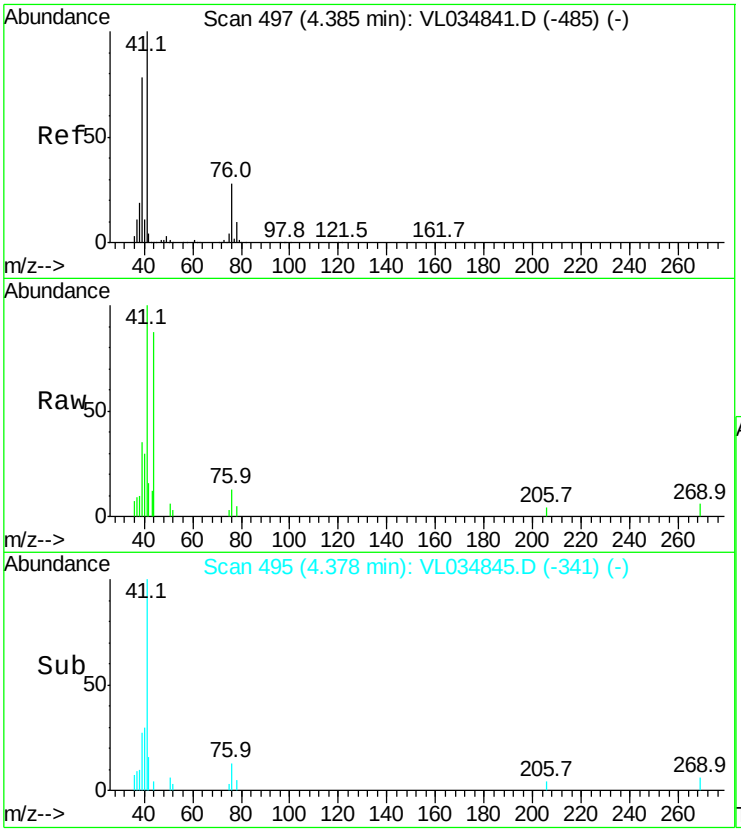


#20
Methylene Chloride
Concen: 0.096 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 84 Resp: 3800

Ion	Ratio	Lower	Upper
84	100		
49	126.1	121.5	182.3
51	33.6	36.6	55.0#
86	48.5	48.2	72.2



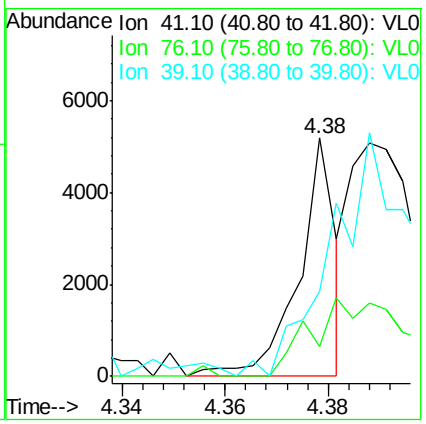


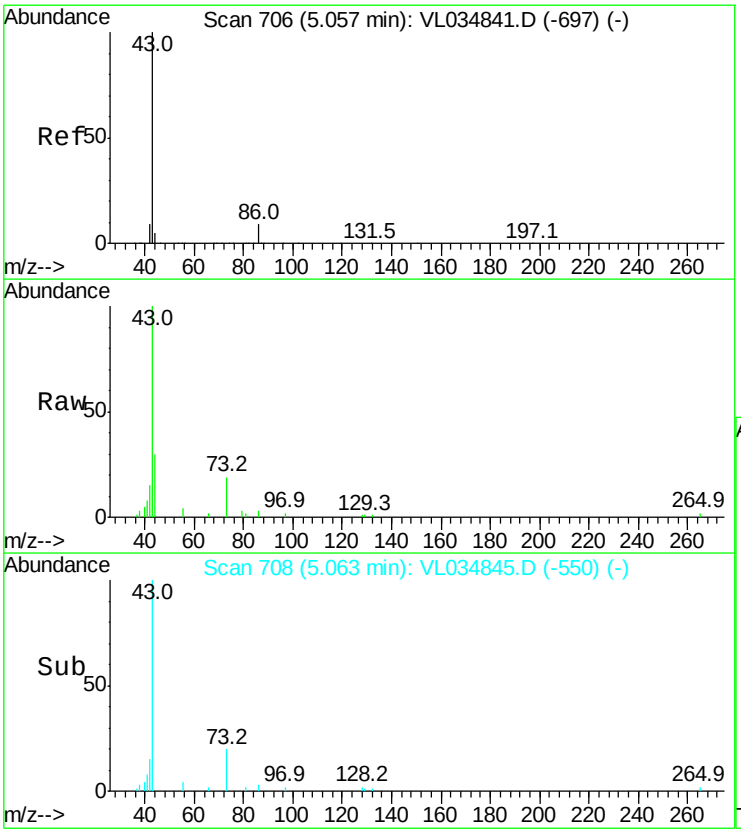
#21
Allyl Chloride
Concen: 0.036 ppbv
RT: 4.38 min Scan# 495
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 2552

Ion	Ratio	Lower	Upper
41	100		
76	100.6	22.2	33.2#
39	0.0	62.6	93.8#

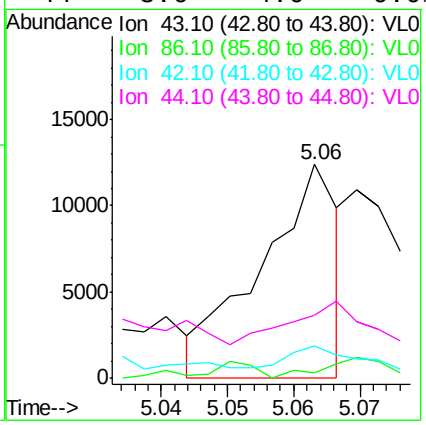


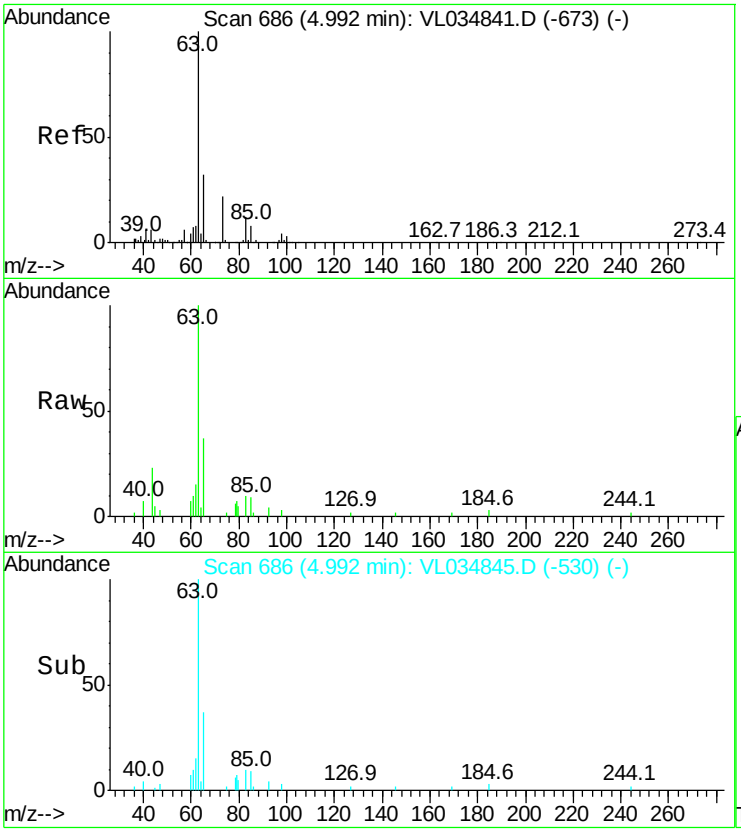


#23
Vinyl Acetate
Concen: 0.068 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 43 Resp: 10058

Ion	Ratio	Lower	Upper
43	100		
86	1.7	6.3	9.5#
42	10.5	7.8	11.8
44	3.6	4.0	6.0#



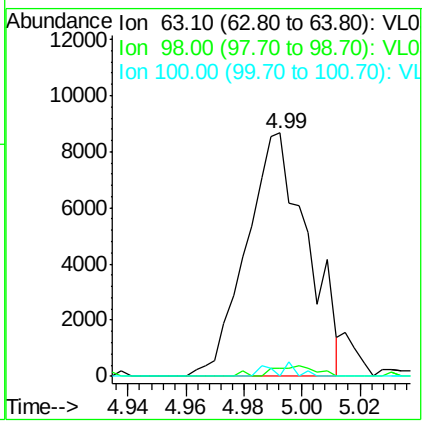


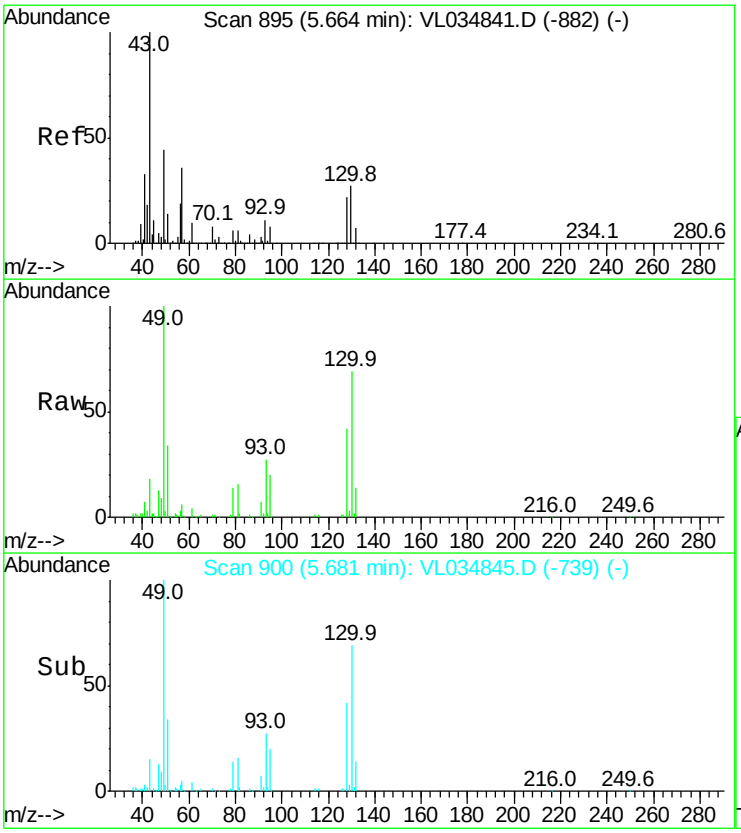
#24
1,1-Dichloroethane
Concen: 0.109 ppbv
RT: 4.99 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 12602

Ion	Ratio	Lower	Upper
63	100		
98	3.1	2.0	5.8
100	0.0	1.4	4.0#

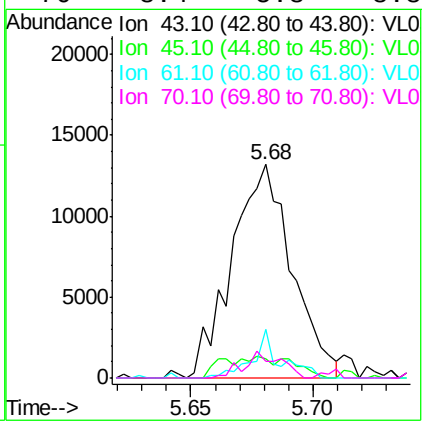


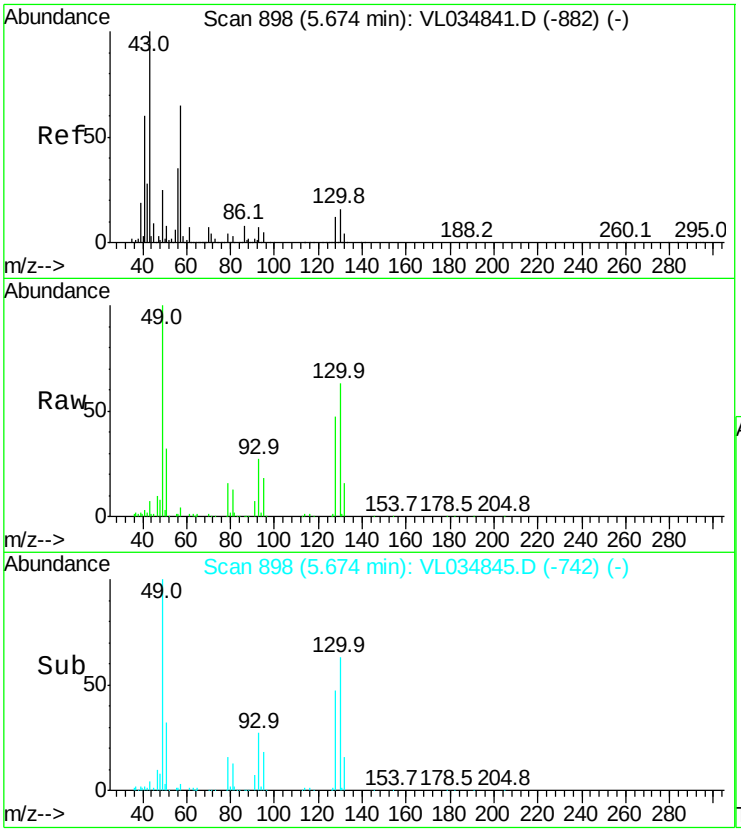


#25
Ethyl Acetate
Concen: 0.118 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.02 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 43 Resp: 22562

Ion	Ratio	Lower	Upper
43	100		
45	12.7	8.2	12.2#
61	10.2	7.8	11.6
70	8.4	5.8	8.8



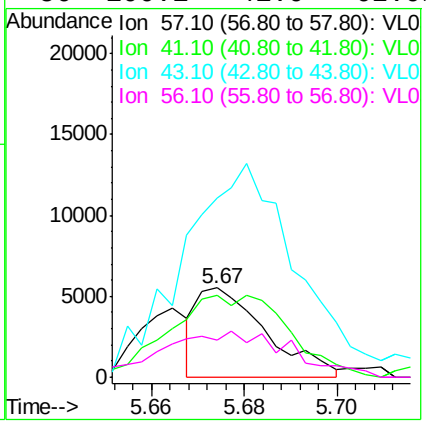


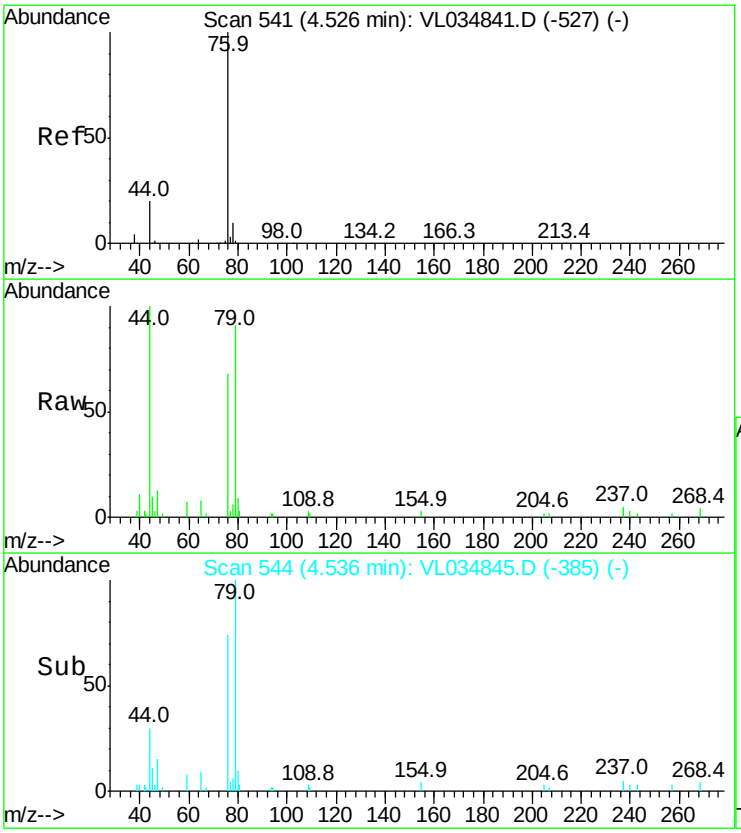
#26
Hexane
Concen: 0.068 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 5670

Ion	Ratio	Lower	Upper
57	100		
41	167.7	72.6	109.0#
43	425.3	183.8	275.6#
56	100.1	41.9	62.9#

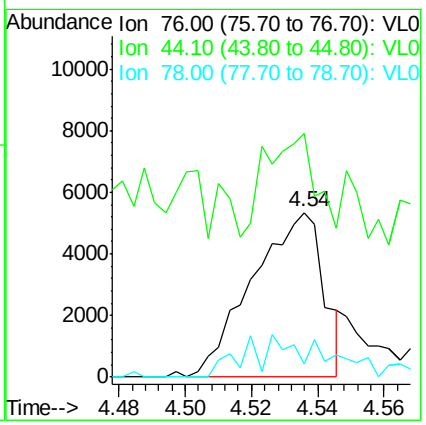


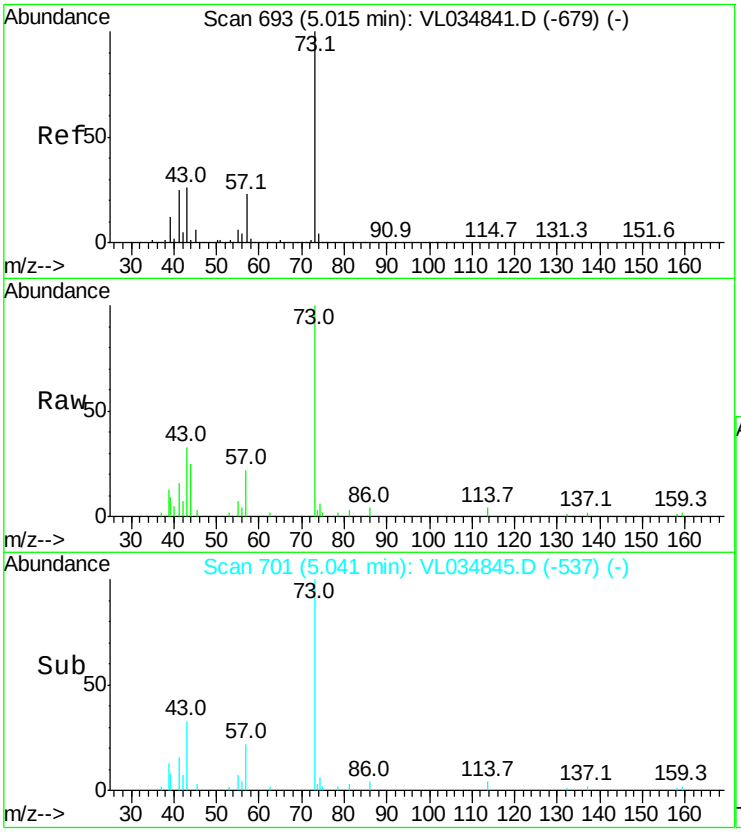


#27
Carbon Disulfide
Concen: 0.082 ppbv
RT: 4.54 min Scan# 544
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 76 Resp: 7999

Ion	Ratio	Lower	Upper
76	100		
44	61.1	16.2	24.2#
78	29.8	7.8	11.6#



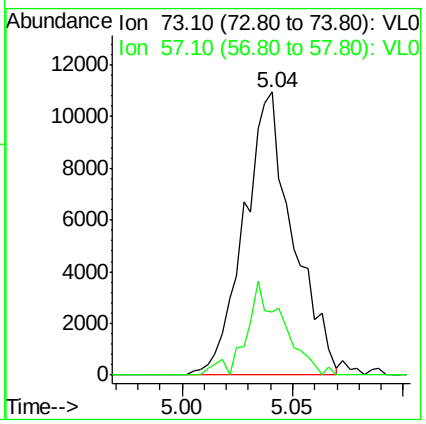


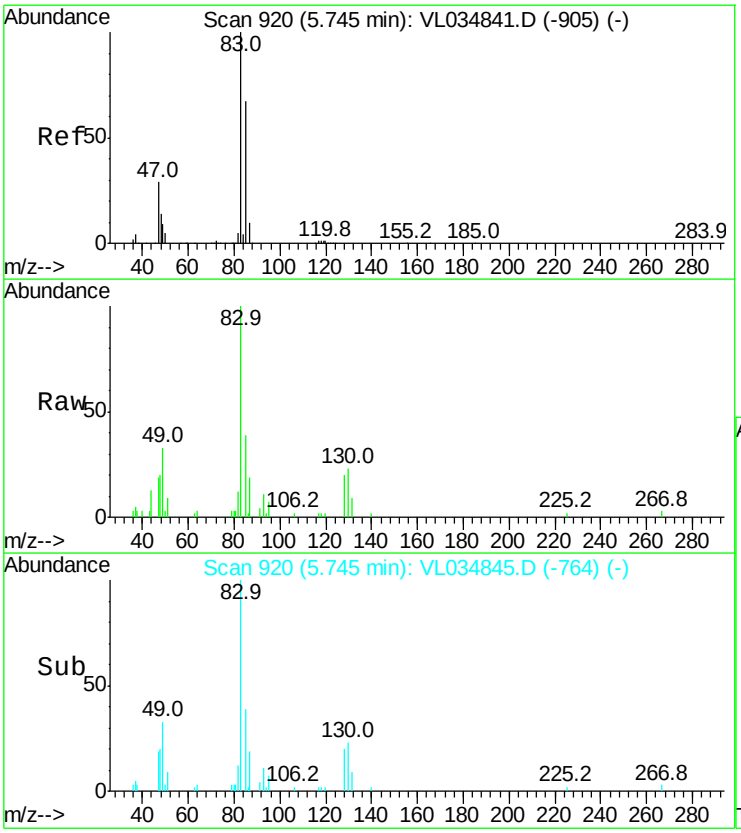
#28
Methyl tert-Butyl Ether
Concen: 0.135 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.03 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 73 Resp: 16853

Ion	Ratio	Lower	Upper
73	100		
57	25.2	18.3	27.5

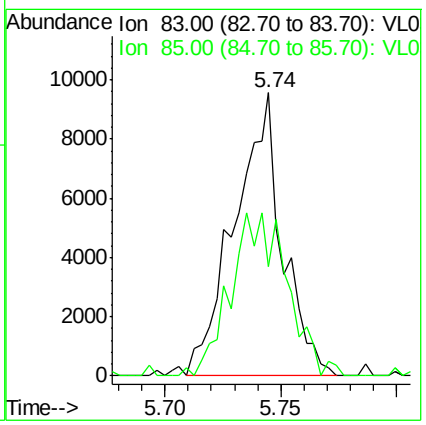


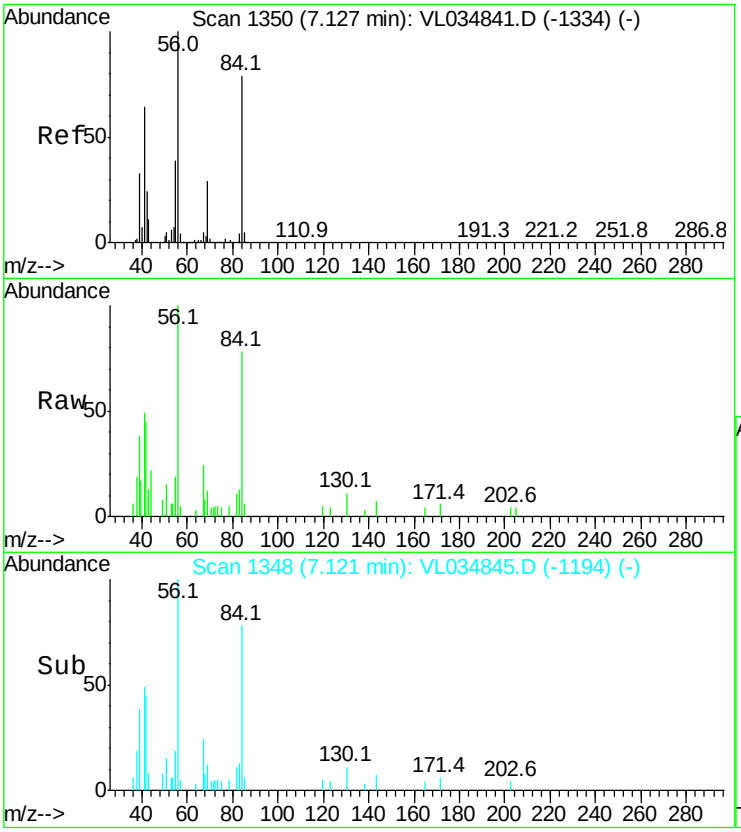


#29
Chloroform
Concen: 0.097 ppbv
RT: 5.74 min Scan# 920
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 83 Resp: 13731

Ion	Ratio	Lower	Upper
83	100		
85	35.5	53.8	80.6#



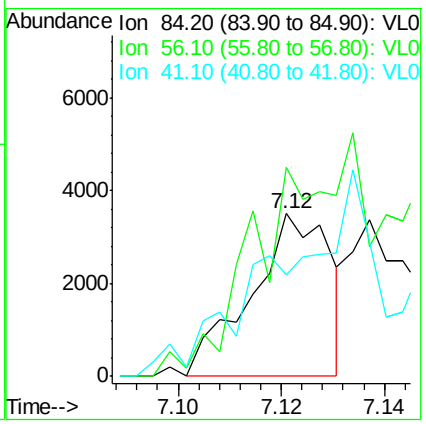


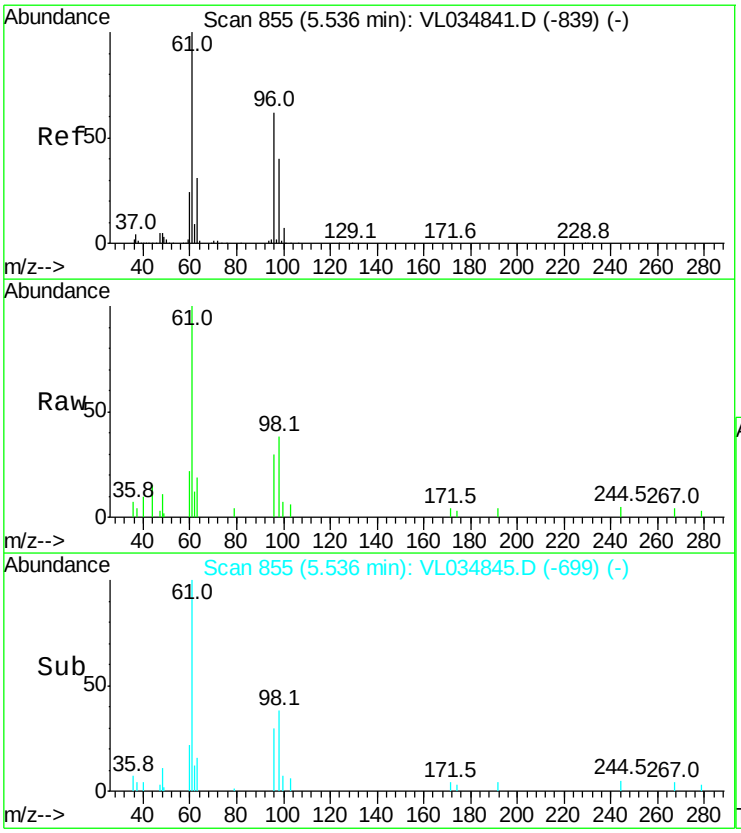
#30
Cyclohexane
Concen: 0.058 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 3732

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	0.0	68.2	102.4#

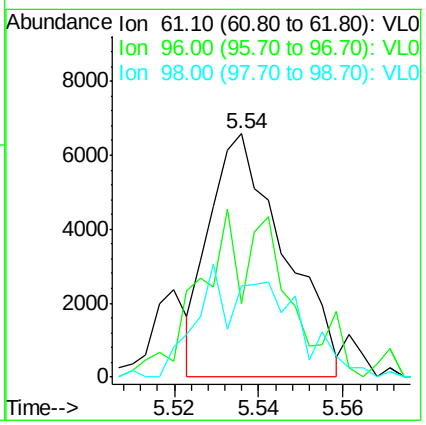


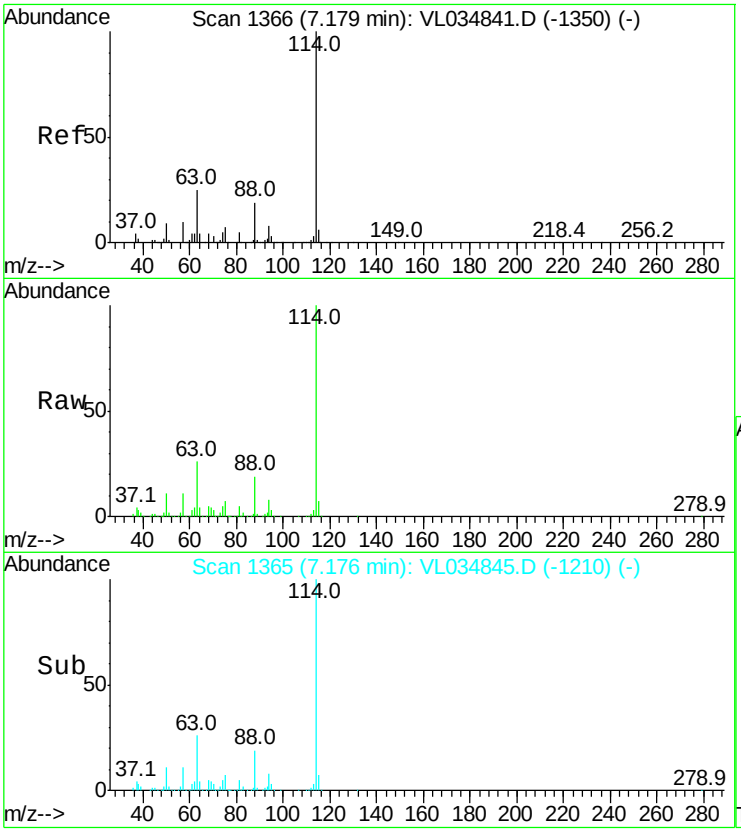


#31
cis-1,2-Dichloroethene
Concen: 0.094 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 61 Resp: 8043

Ion	Ratio	Lower	Upper
61	100		
96	3.2	49.8	74.8#
98	31.5	32.2	48.4#



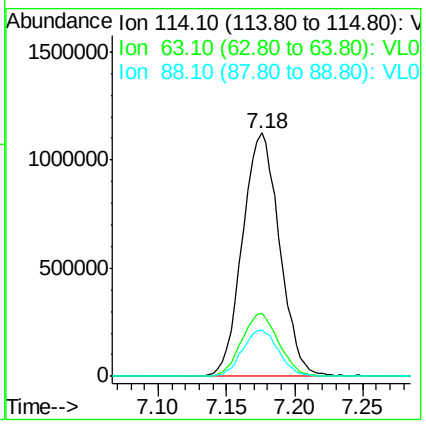


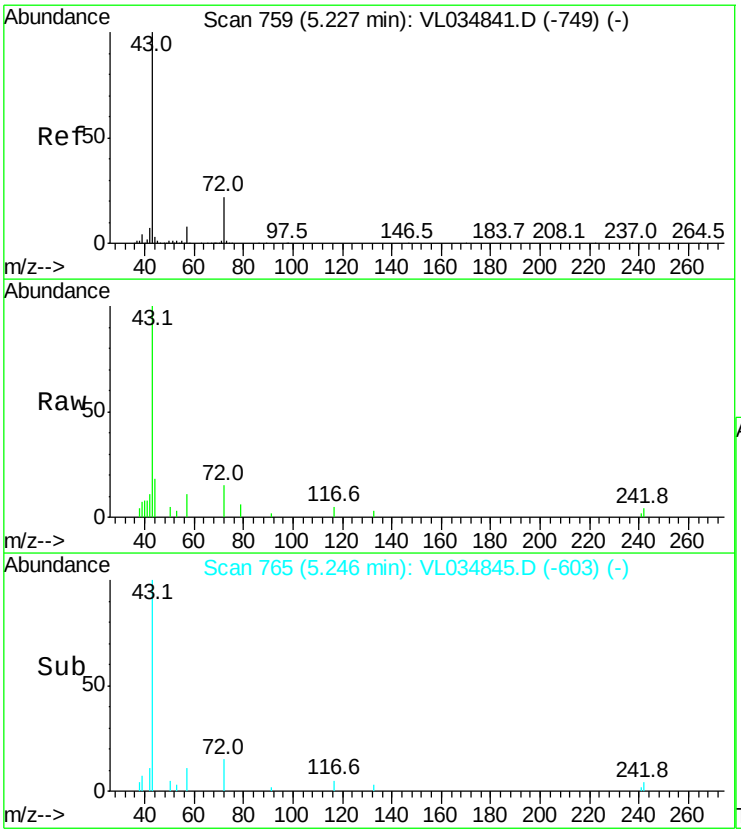
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 2124523

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.6	31.0
88	18.6	15.0	22.6

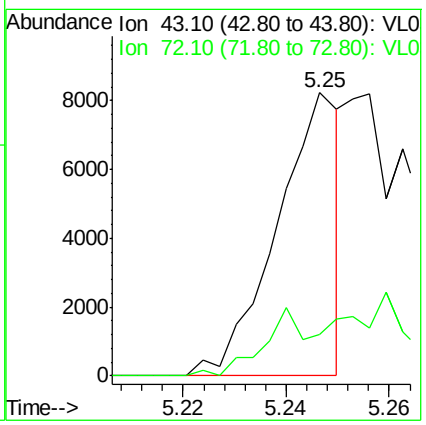


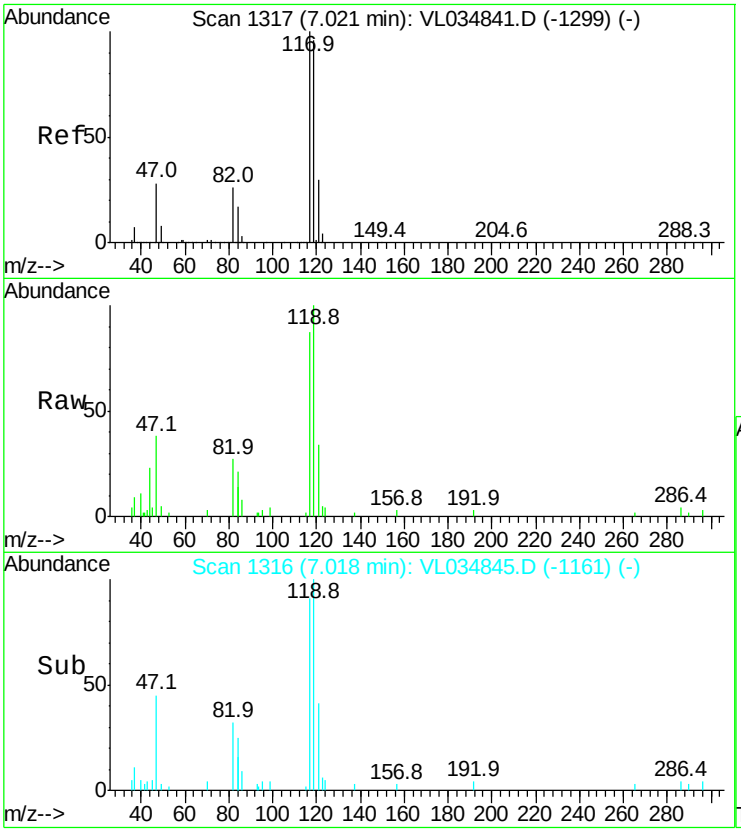


#34
2-Butanone
Concen: 0.050 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.02 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 43 Resp: 6952

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.6	26.4#



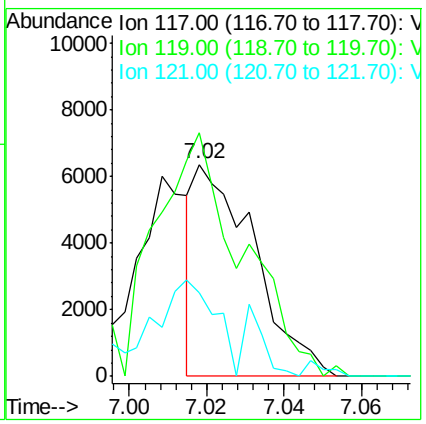


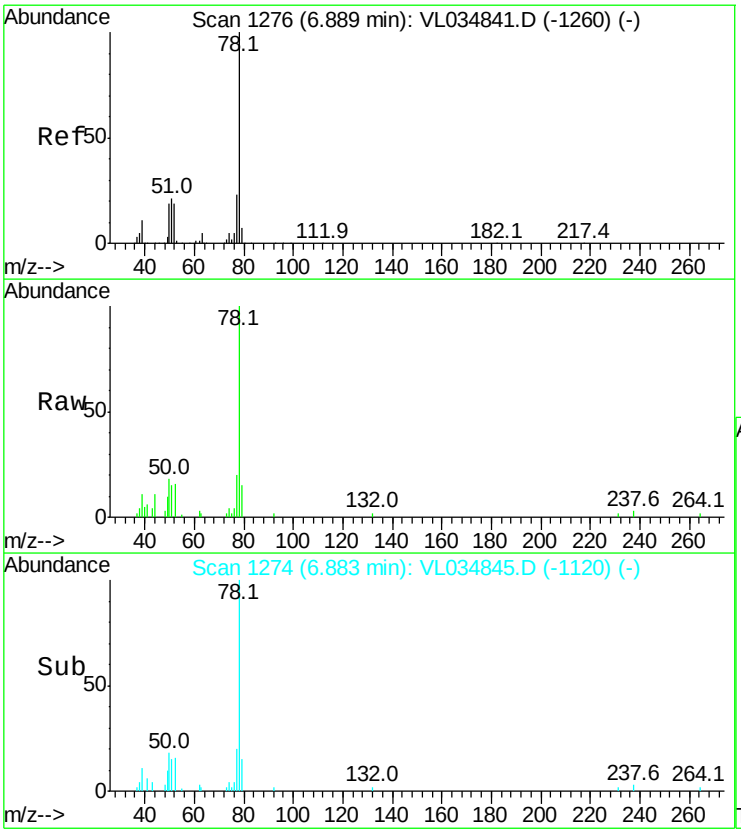
#35
Carbon Tetrachloride
Concen: 0.042 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 6806

Ion	Ratio	Lower	Upper
117	100		
119	109.8	77.0	115.4
121	36.4	24.0	36.0#

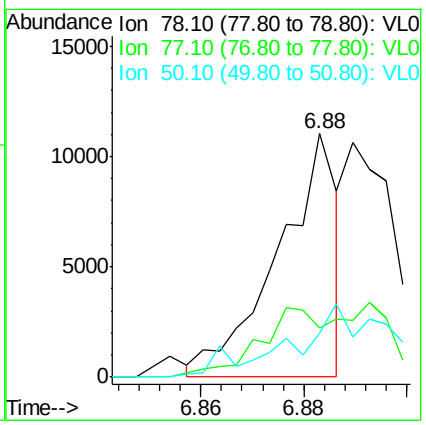


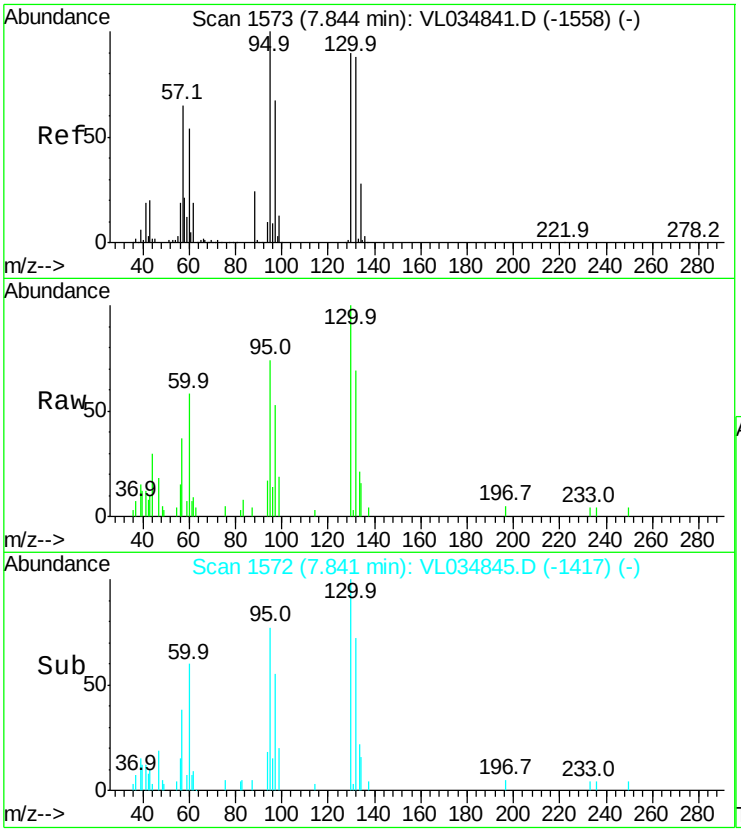


#36
Benzene
Concen: 0.049 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 78 Resp: 8806

Ion	Ratio	Lower	Upper
78	100		
77	19.7	18.2	27.2
50	17.4	15.2	22.8



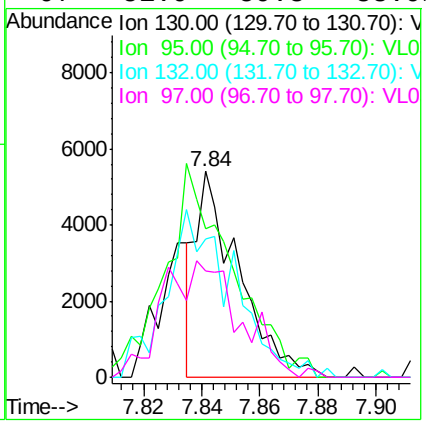


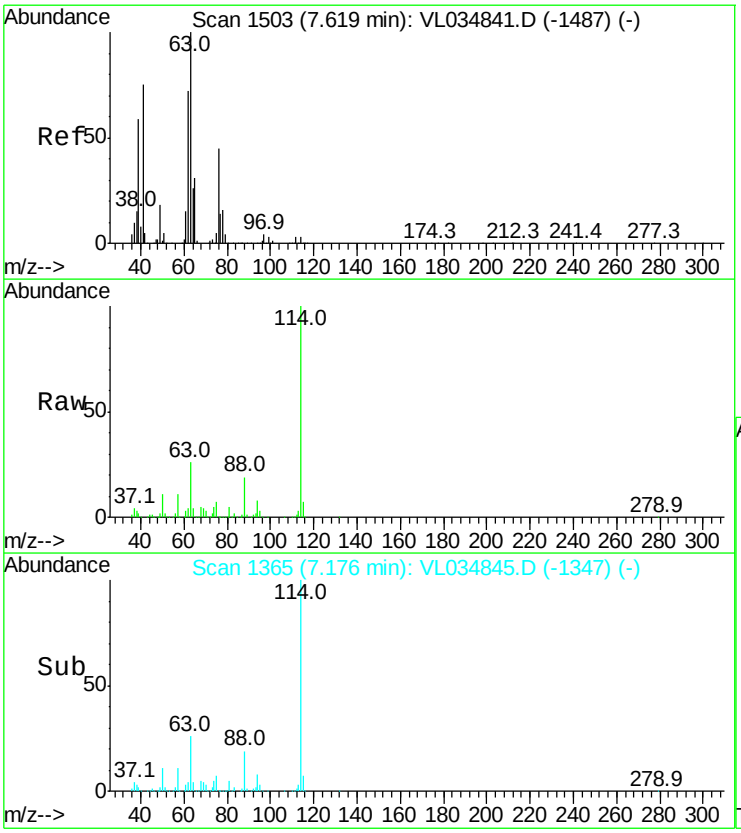
#38
Trichloroethene
Concen: 0.078 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:130 Resp: 5510

Ion	Ratio	Lower	Upper
130	100		
95	71.9	88.5	132.7#
132	67.1	78.0	117.0#
97	51.9	59.3	88.9#

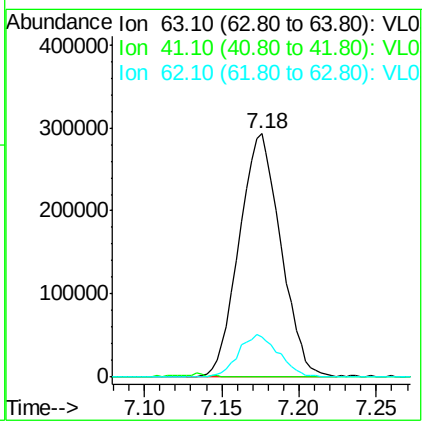


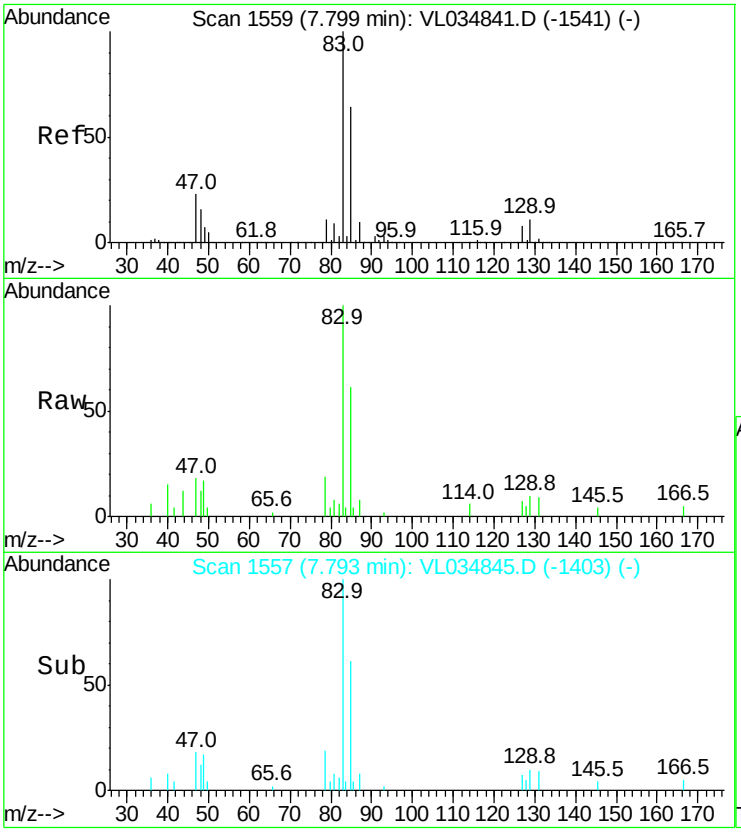


#39
1,2-Dichloropropane
Concen: 7.504 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.44 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 63 Resp: 549783

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	16.6	57.6	86.4#



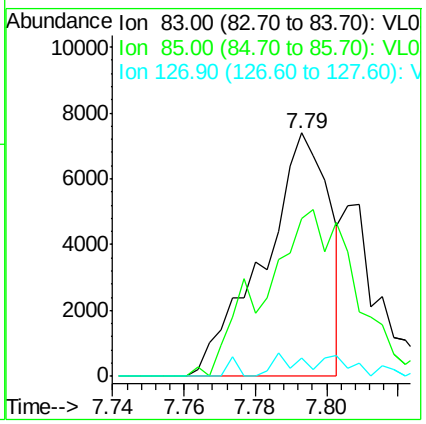


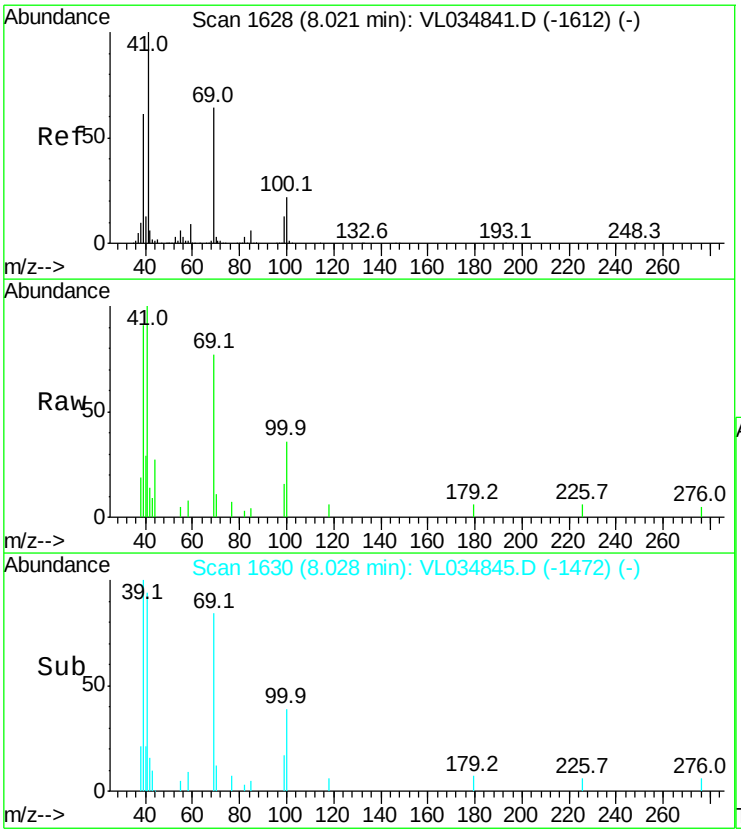
#42
Bromodichloromethane
Concen: 0.061 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 9570

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.2
127	7.1	6.2	9.4

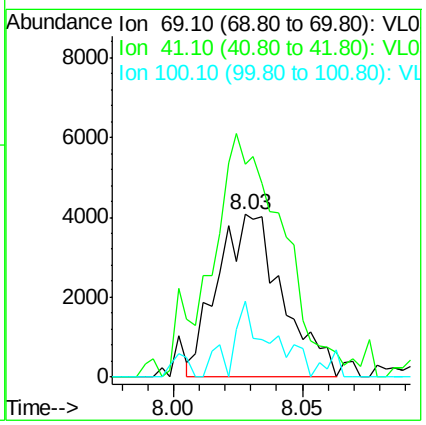


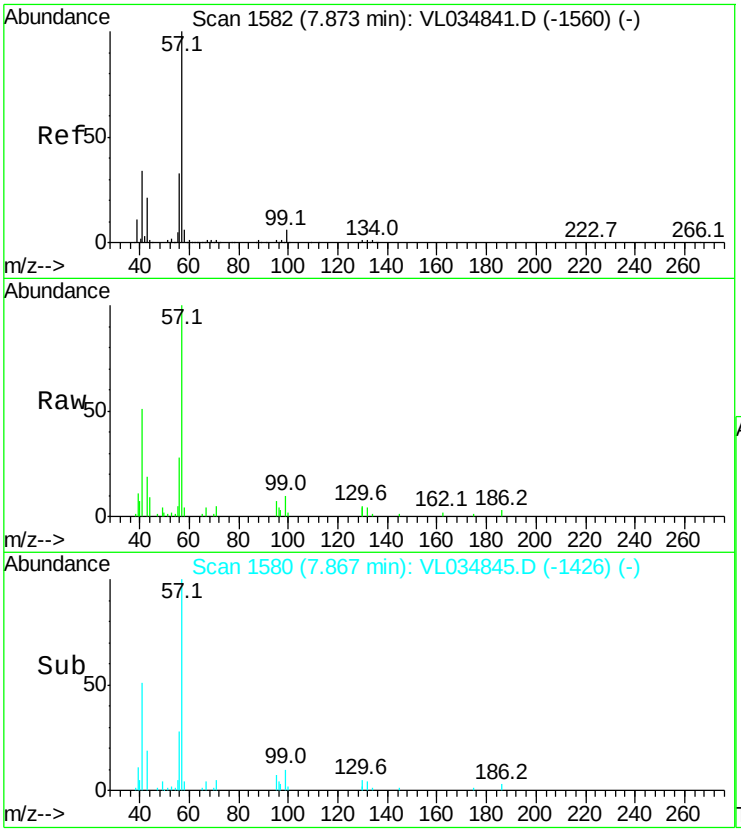


#43
Methyl Methacrylate
Concen: 0.093 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 69 Resp: 7129

Ion	Ratio	Lower	Upper
69	100		
41	167.0	123.2	184.8
100	35.2	26.9	40.3



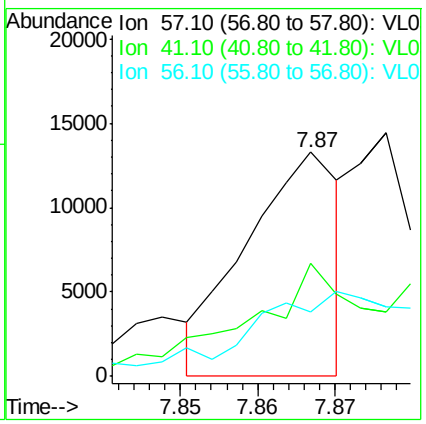


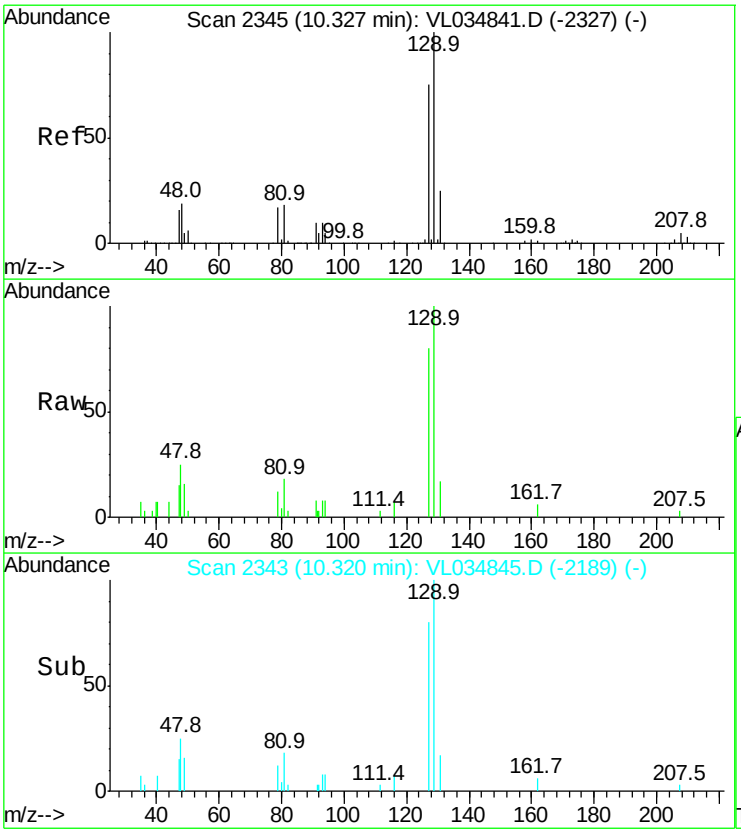
#44
2,2,4-Trimethylpentane
Concen: 0.035 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 11132

Ion	Ratio	Lower	Upper
57	100		
41	107.4	26.2	39.4#
56	85.3	25.0	37.4#

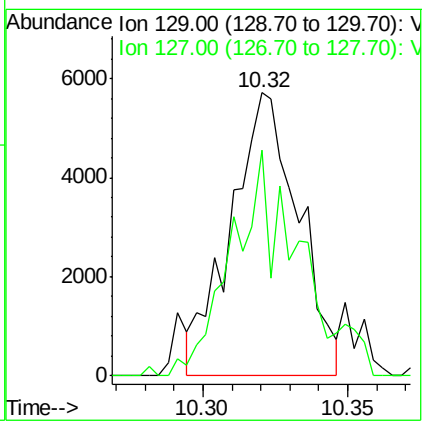


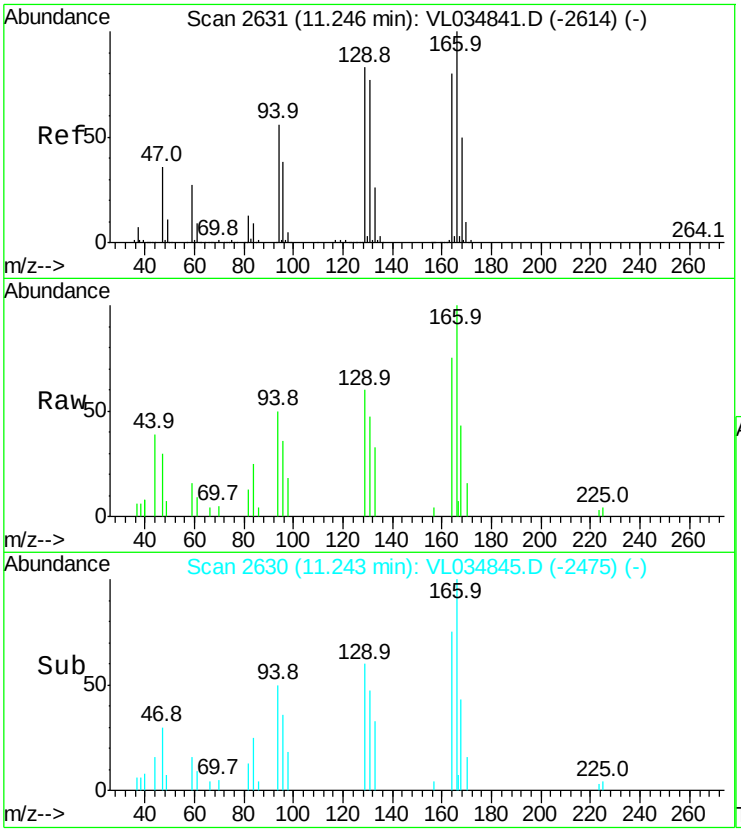


#48
Dibromochloromethane
Concen: 0.076 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:129 Resp: 9251

Ion	Ratio	Lower	Upper
129	100		
127	80.1	39.6	118.7



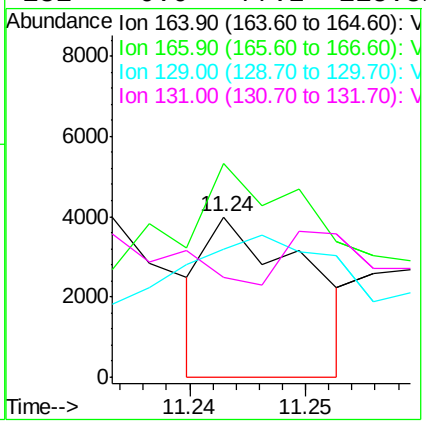


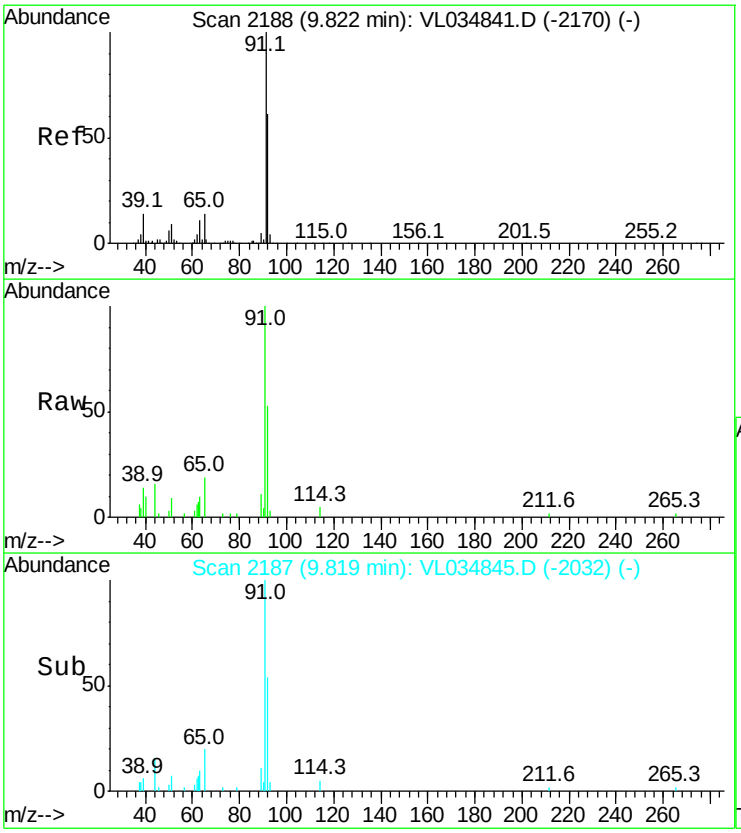
#52
Tetrachloroethene
Concen: 0.035 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:164 Resp: 2352

Ion	Ratio	Lower	Upper
164	100		
166	137.2	100.0	150.0
129	23.8	83.1	124.7#
131	0.0	77.2	115.8#

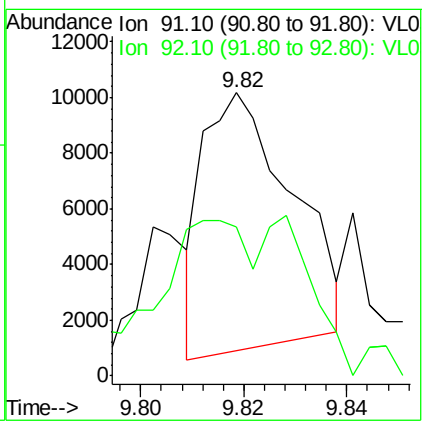


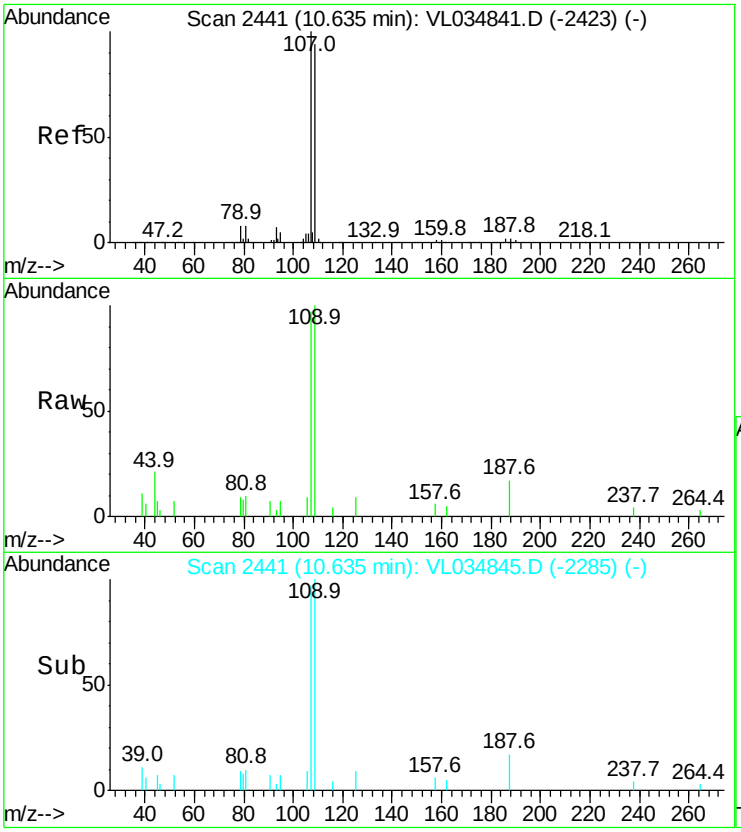


#53
Toluene
Concen: 0.057 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 91 Resp: 11032

Ion	Ratio	Lower	Upper
91	100		
92	104.6	48.6	72.8#



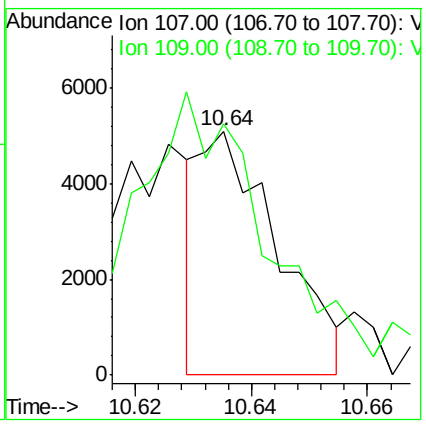


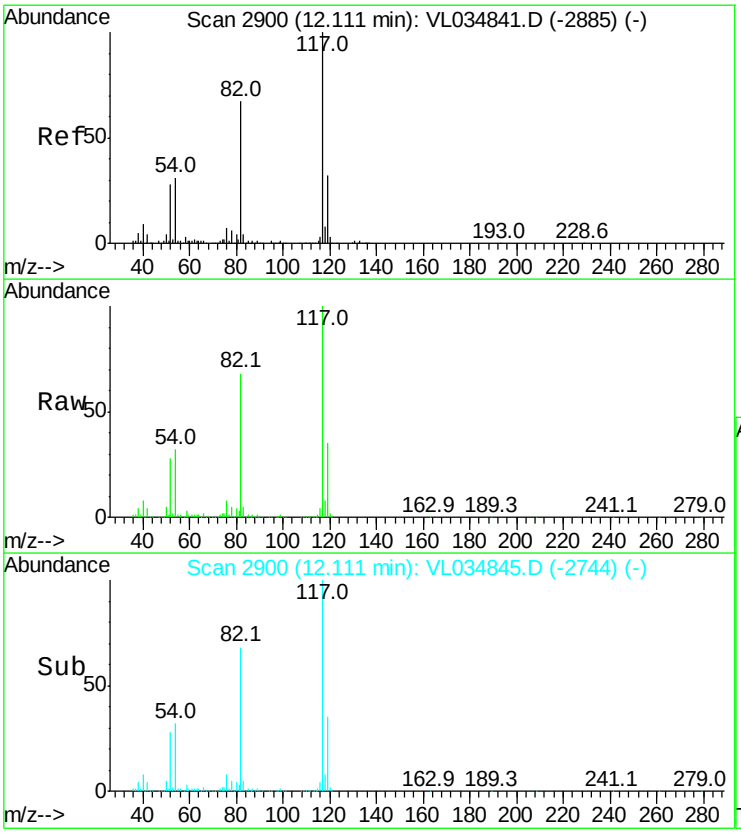
#54
1,2-Dibromoethane
Concen: 0.041 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:107 Resp: 4731

Ion	Ratio	Lower	Upper
107	100		
109	90.0	74.9	112.3

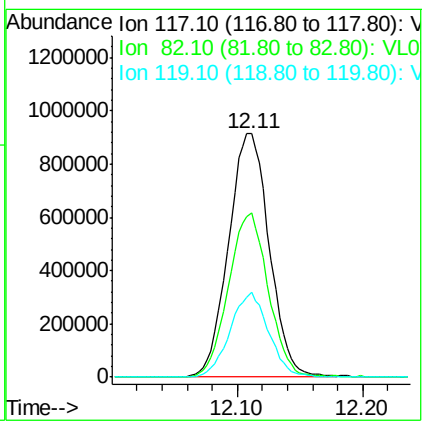


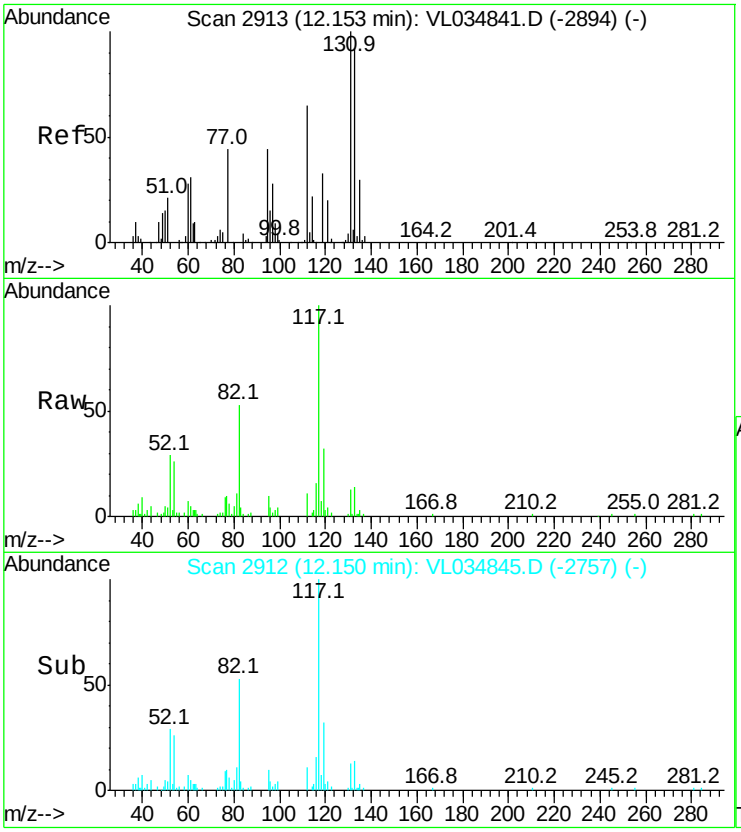


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:117 Resp: 2066848

Ion	Ratio	Lower	Upper
117	100		
82	66.0	51.1	76.7
119	33.1	27.3	40.9



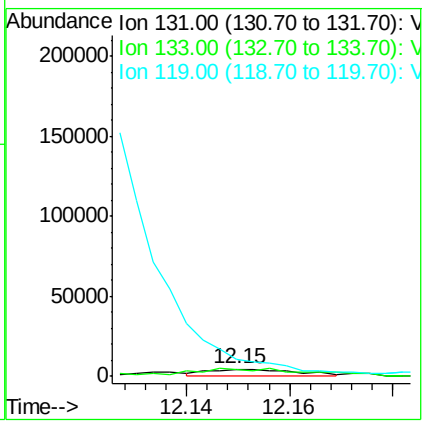


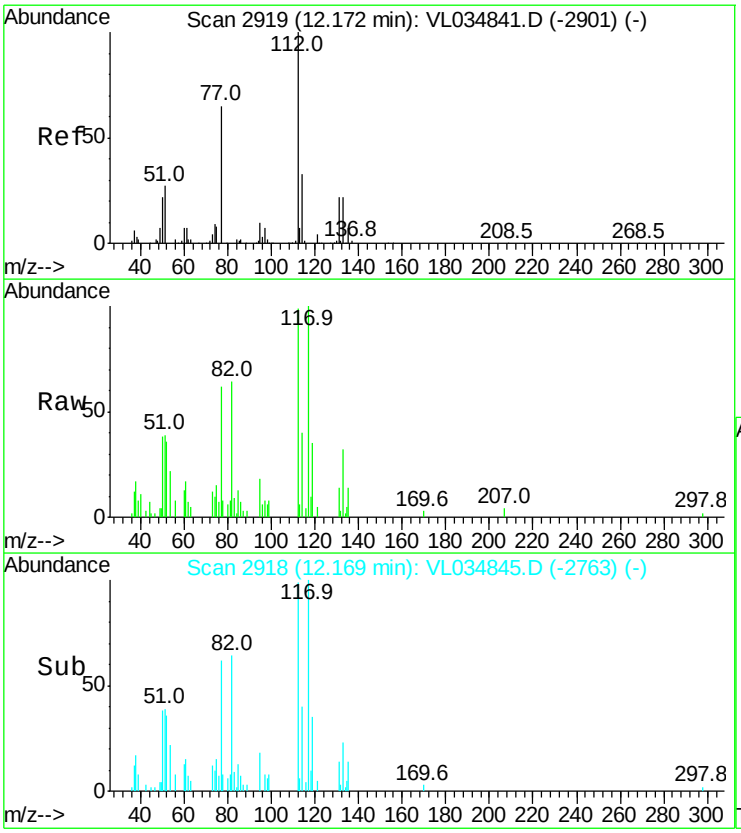
#56
1,1,1,2-Tetrachloroethane
Concen: 0.058 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 5299

Ion	Ratio	Lower	Upper
131	100		
133	183.3	76.0	114.0#
119	0.0	47.8	71.8#

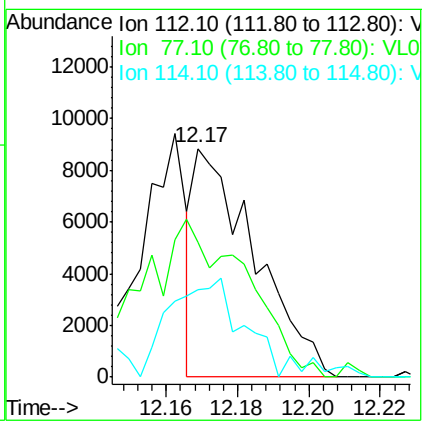


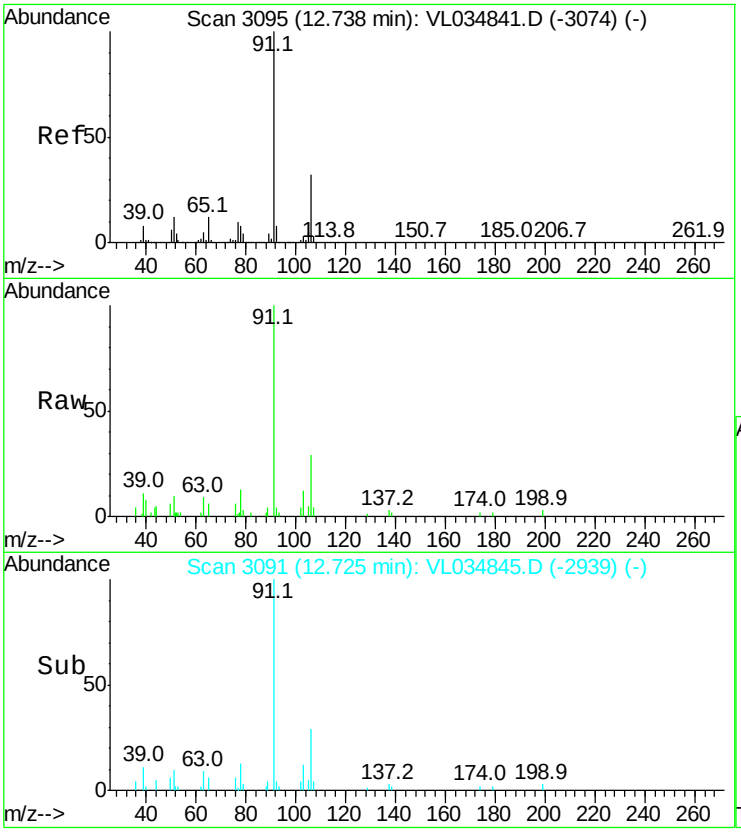


#57
Chlorobenzene
Concen: 0.066 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:112 Resp: 10451

Ion	Ratio	Lower	Upper
112	100		
77	66.8	53.0	79.6
114	33.9	29.5	36.1



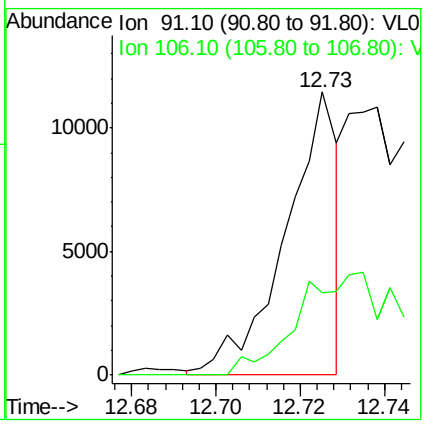


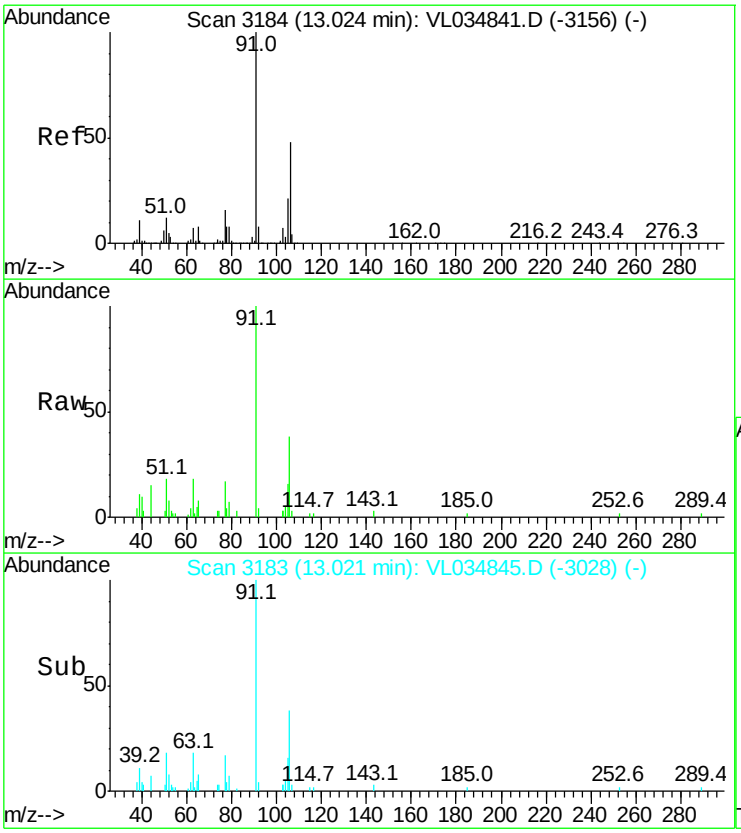
#58
Ethyl Benzene
Concen: 0.038 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. -0.01 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 9786

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.8	38.6

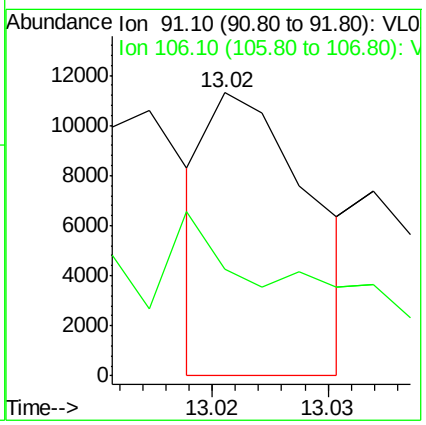


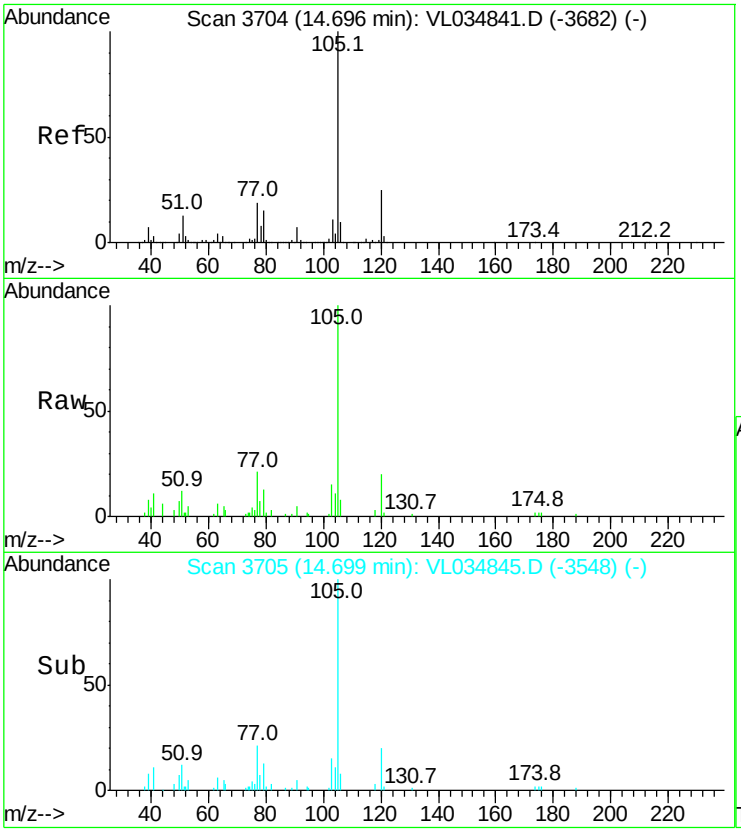


#59
m/p-Xylene
Concen: 0.031 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 91 Resp: 6909

Ion	Ratio	Lower	Upper
91	100		
106	118.4	37.1	55.7#



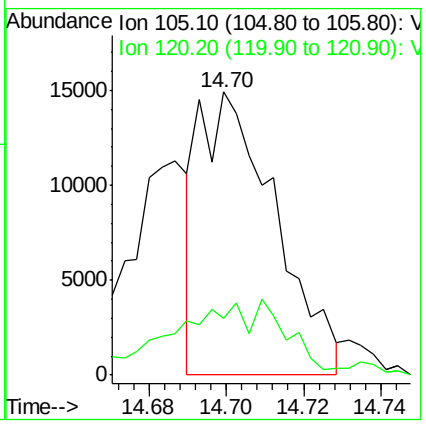


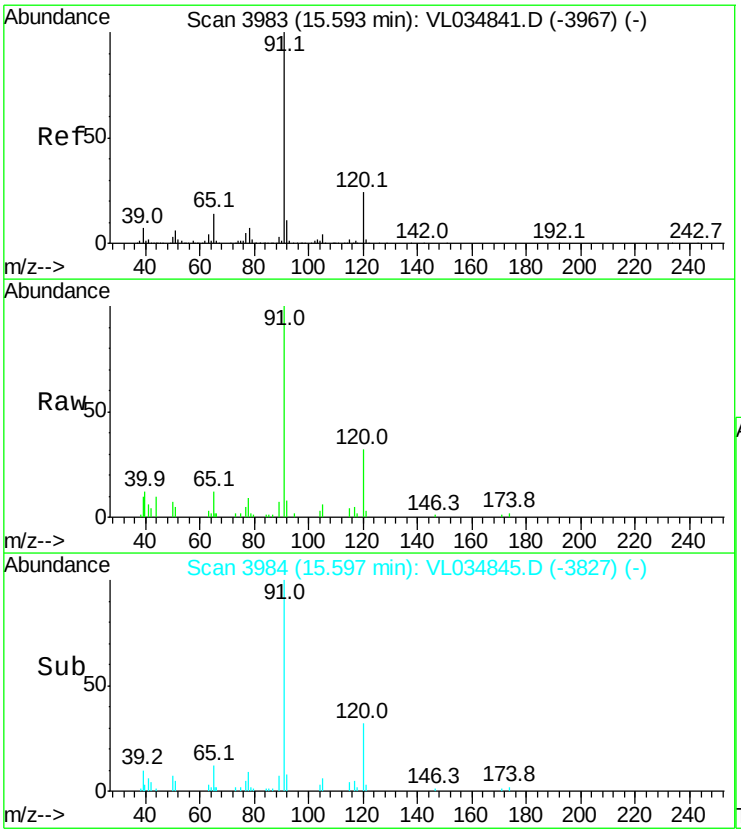
#62
Isopropylbenzene
Concen: 0.062 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 20283

Ion	Ratio	Lower	Upper
105	100		
120	41.7	21.0	31.4#

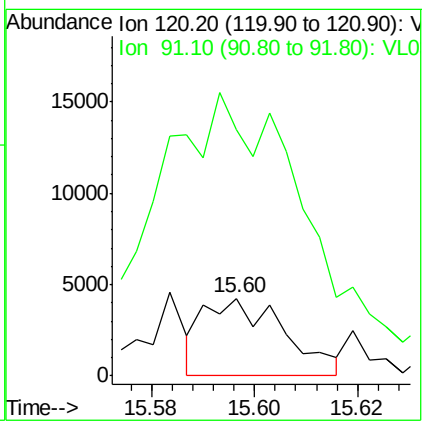


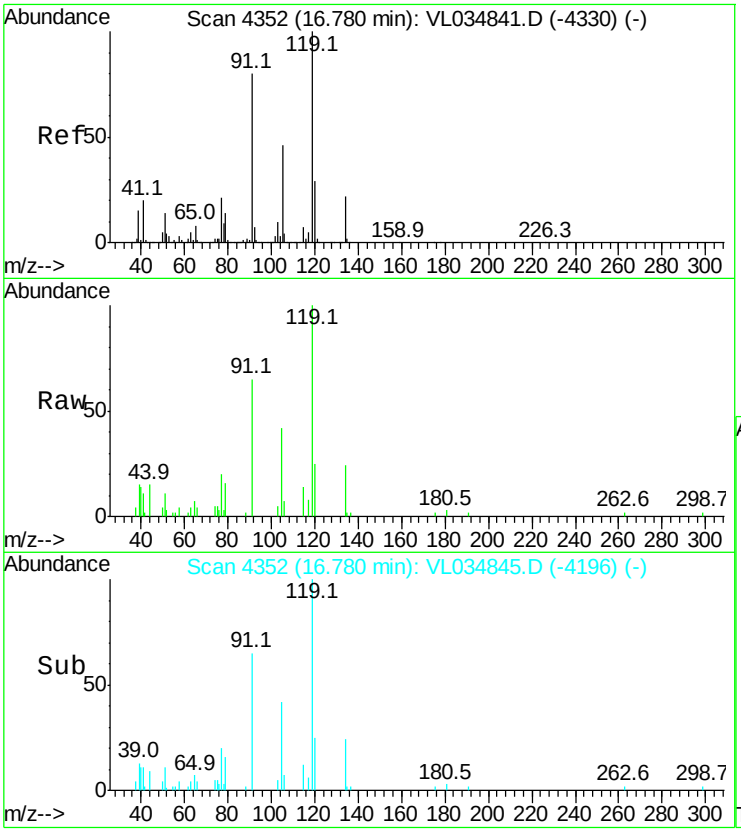


#64
n-propylbenzene
Concen: 0.056 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:120 Resp: 4624

Ion	Ratio	Lower	Upper
120	100		
91	813.8	360.9	541.3#



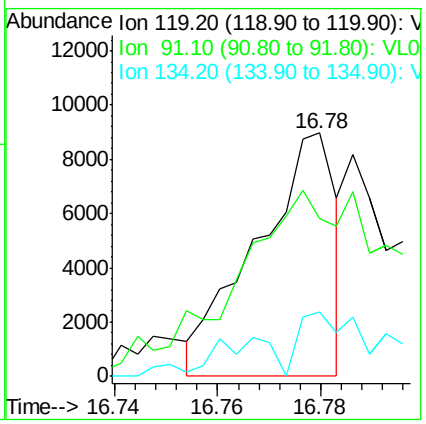


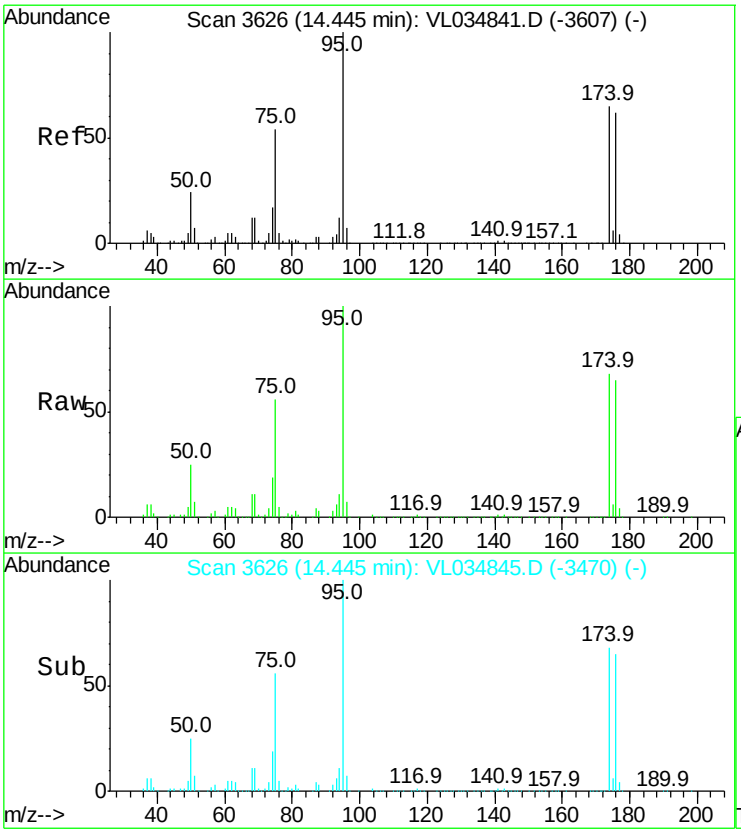
#65
tert-Butylbenzene
Concen: 0.034 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 9528

Ion	Ratio	Lower	Upper
119	100		
91	211.9	64.9	97.3#
134	45.8	15.9	23.9#

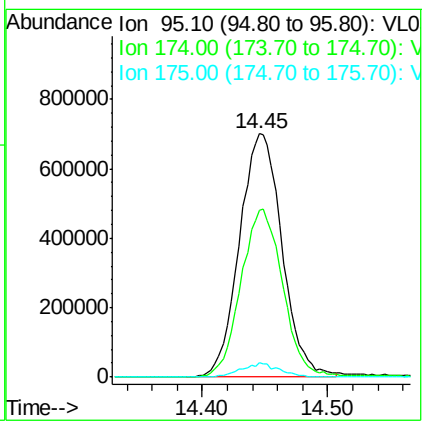


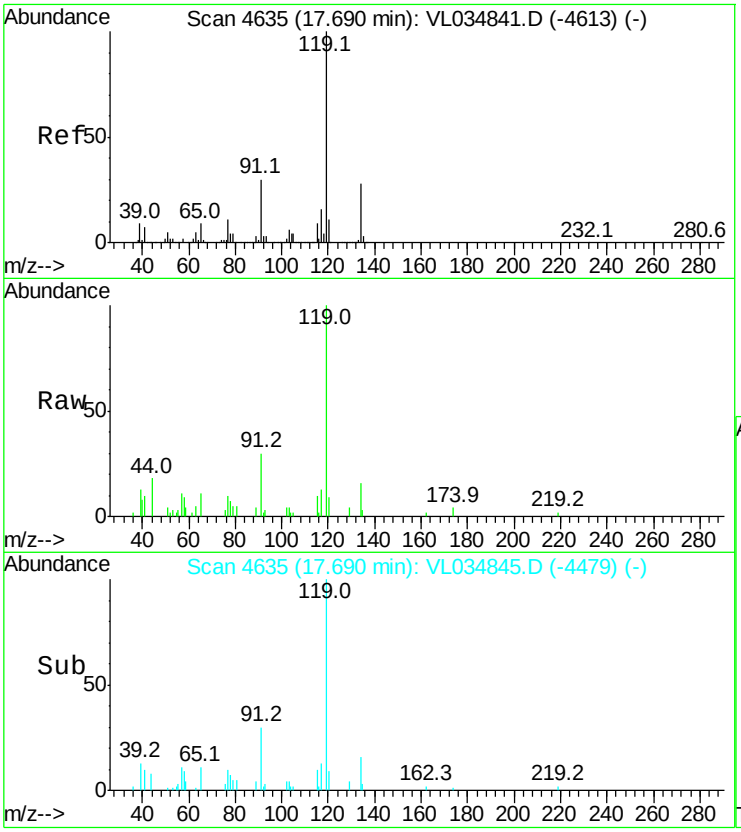


#68
1-Bromo-4-Fluorobenzene
Concen: 9.571 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 95 Resp: 1649494

Ion	Ratio	Lower	Upper
95	100		
174	69.4	55.2	82.8
175	5.2	4.3	6.5



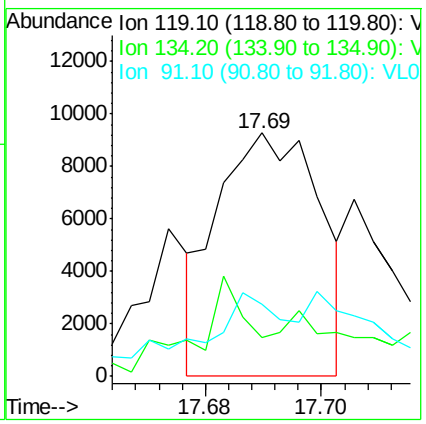


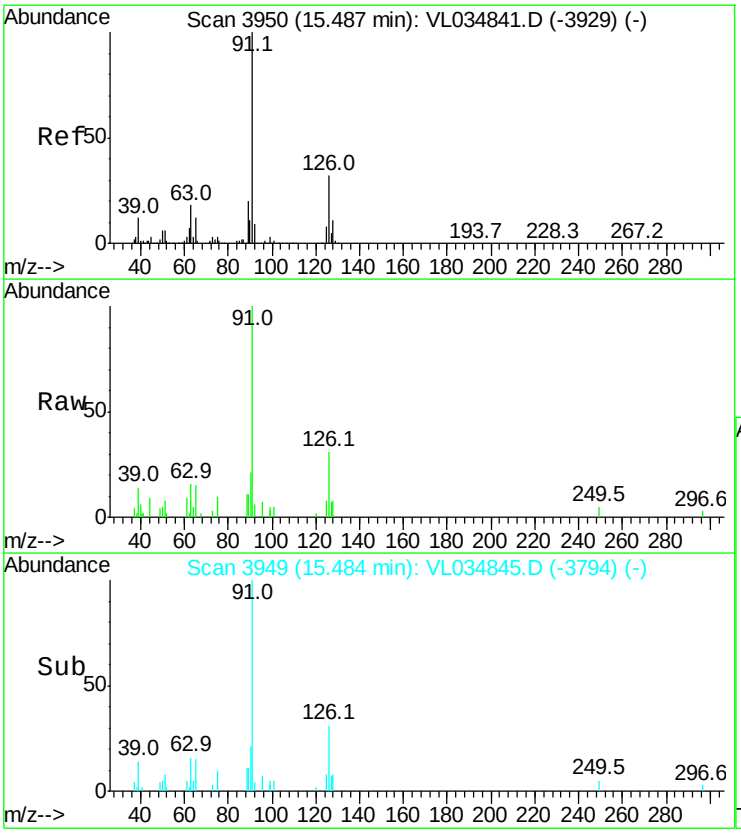
#69
p-Isopropyltoluene
Concen: 0.035 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 11366

Ion	Ratio	Lower	Upper
119	100		
134	52.1	20.6	30.8#
91	0.0	23.4	35.2#

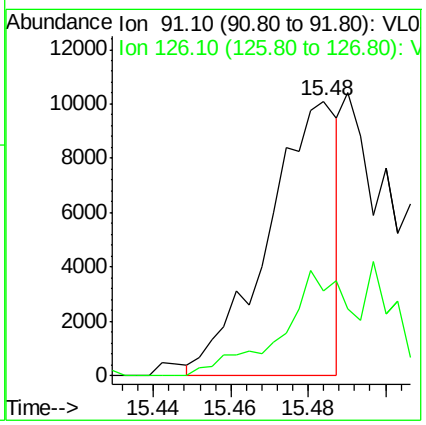


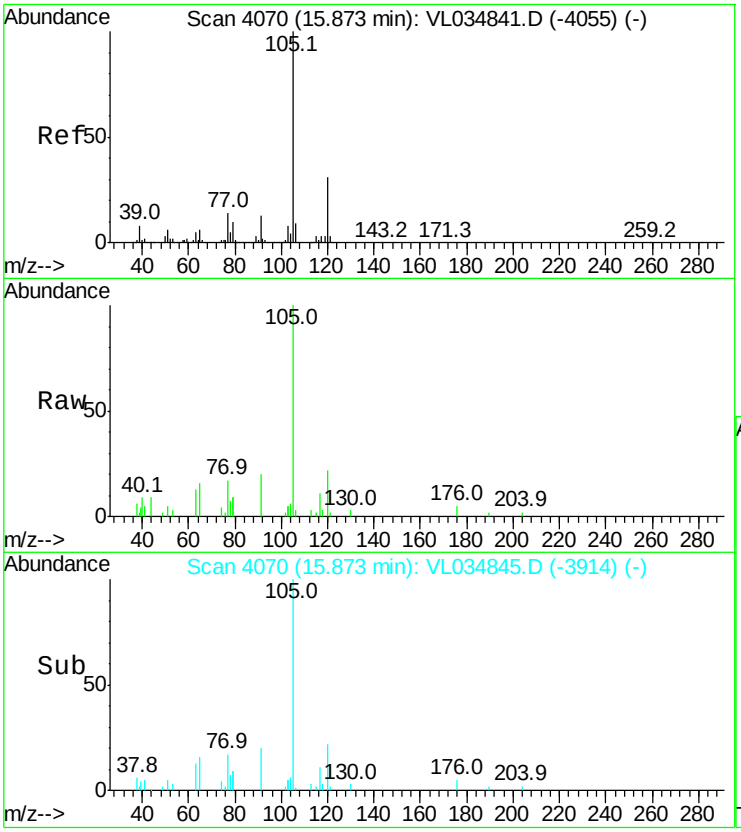


#71
2-Chlorotoluene
Concen: 0.051 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion: 91 Resp: 12654

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.3	49.1#



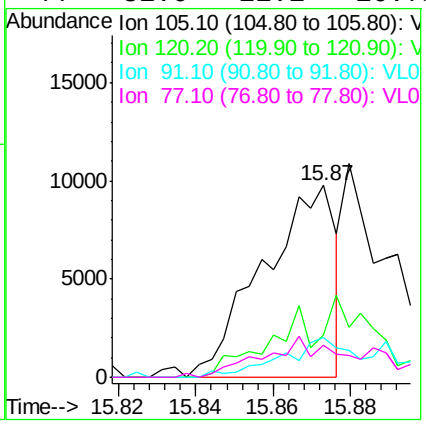


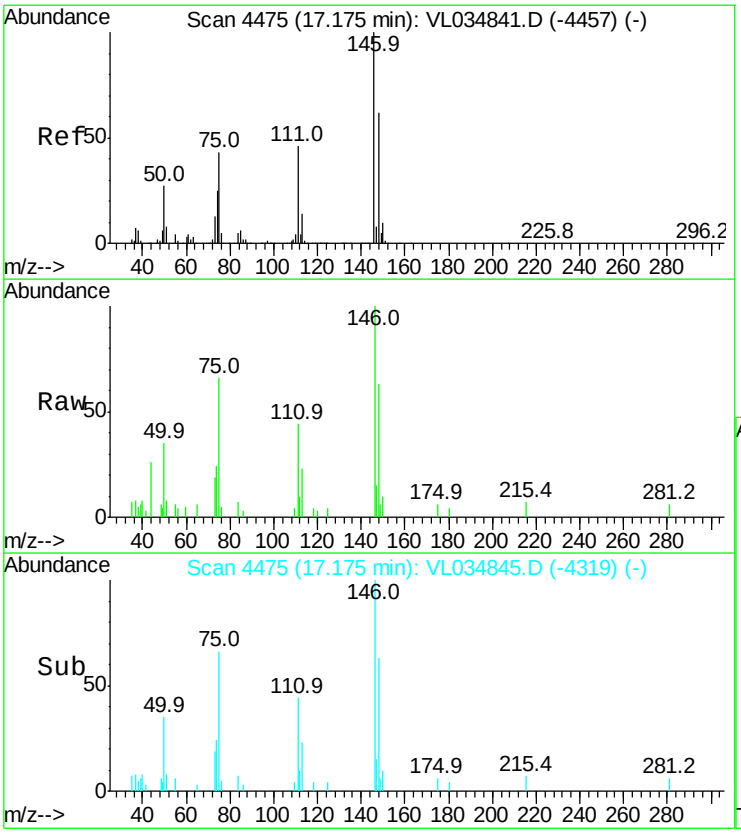
#72
4-Ethyltoluene
Concen: 0.051 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 12609

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.7	35.5#
91	29.6	10.5	15.7#
77	31.0	11.1	16.7#

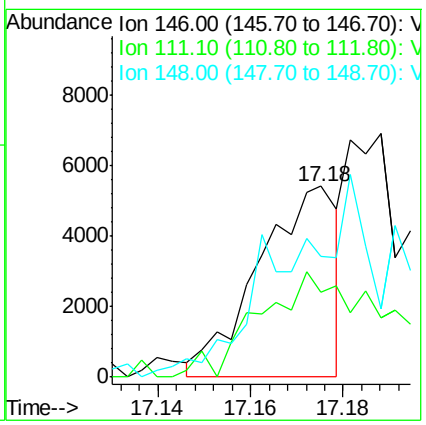


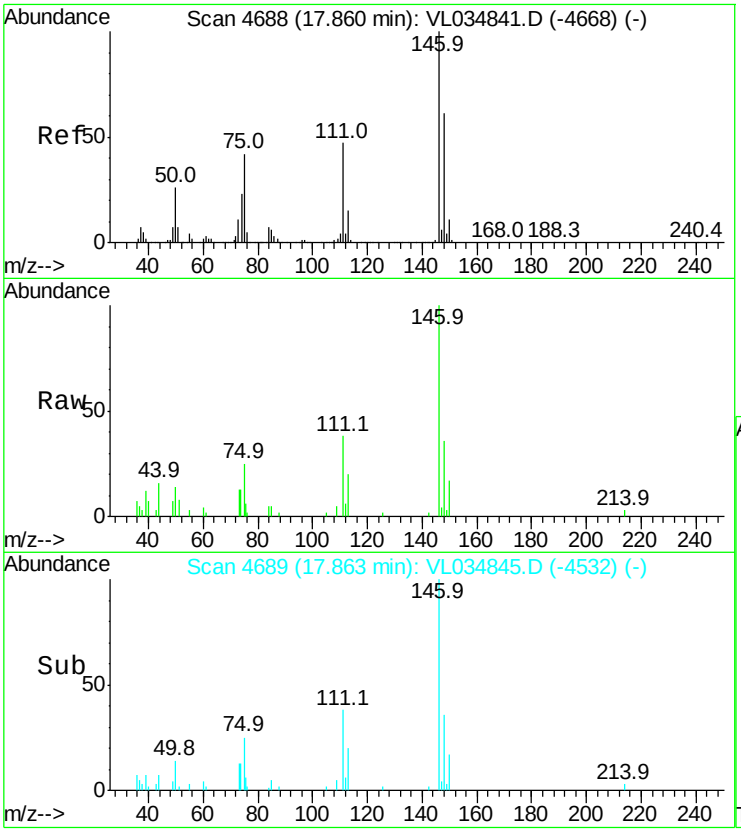


#76
1,4-Dichlorobenzene
Concen: 0.043 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:146 Resp: 6375

Ion	Ratio	Lower	Upper
146	100		
111	105.8	23.4	70.2#
148	0.0	32.3	96.9#



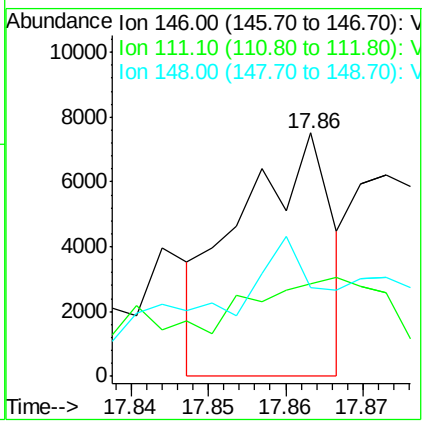


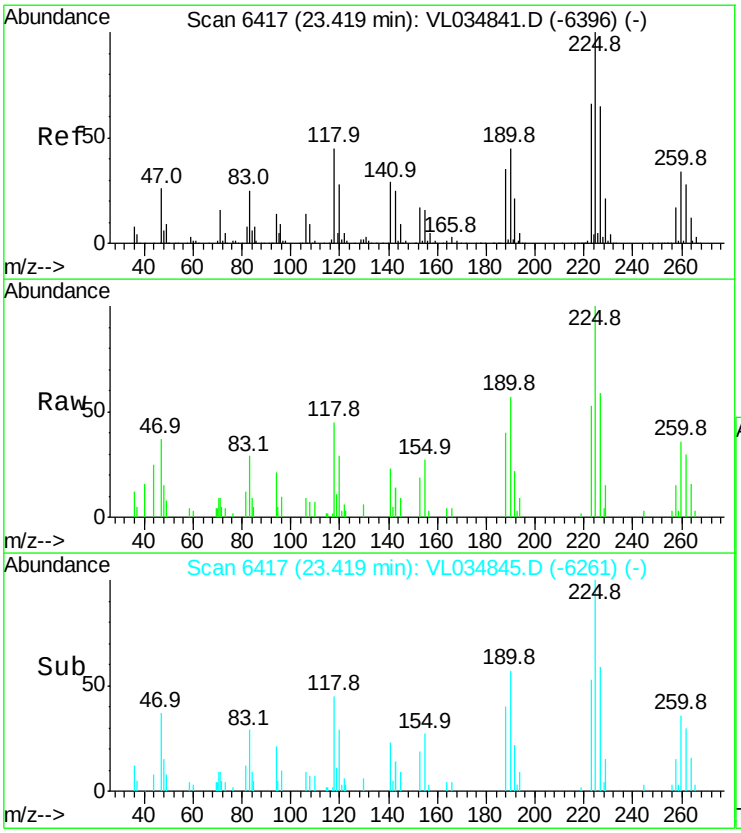
#77
1,2-Dichlorobenzene
Concen: 0.042 ppbv
RT: 17.86 min Scan# 4689
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 6194

Ion	Ratio	Lower	Upper
146	100		
111	134.4	23.8	71.4#
148	156.1	31.6	94.8#

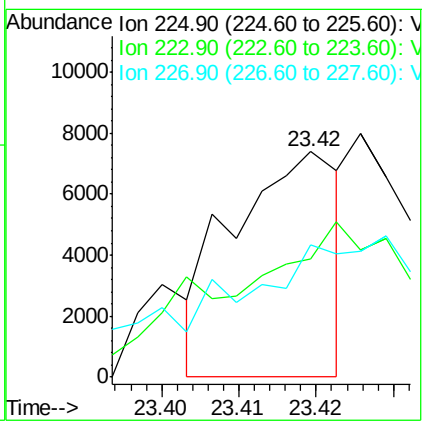


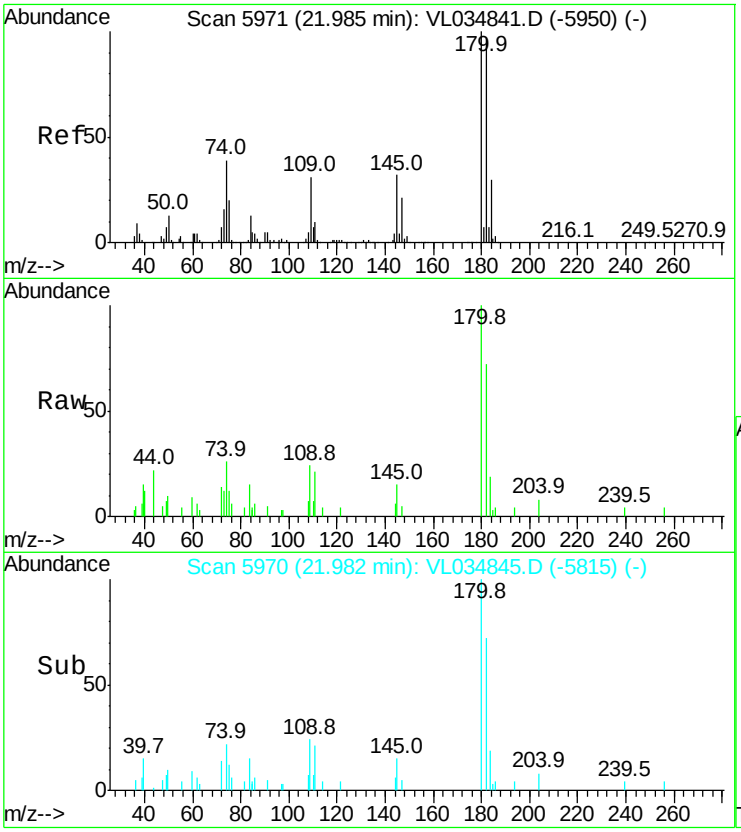


#78
Hexachloro-1,3-Butadiene
Concen: 0.058 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. 0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Tgt Ion:225 Resp: 7090

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.1	76.7#
227	0.0	51.8	77.6#





#81
1,2,4-Trichlorobenzene
Concen: 0.031 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.00 min
Lab File: VL034845.D
Acq: 9 Mar 2020 14:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:180 Resp: 3788

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.6	115.0#
184	99.3	25.0	37.4#