Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010419\

Quantitation Report (Not Reviewed)

Data File : VL033065.D
Acq On : 4 Jan 2019 11:57
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 04 12:52:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 03 19:04:31 2019
QLast Update : Thu Jan 03 19:04:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1144094	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2767113	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2604219	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2053363	10.57	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	30393	0.119	ppbv		95
3) Chlorodifluoromethane	3.02	51	15725	0.113	ppbv		95
4) Chloromethane	3.17	50	18028	0.223	ppbv		90
5) Vinyl Chloride	3.29	62	8568	0.100	ppbv		97
6) Bromomethane	3.51	94	2472	0.047	ppbv	#	54
8) Dichlorotetrafluoroethane	3.22	85	24024	0.118	ppbv		100
9) Propene	3.04	41	6105	0.113	ppbv		96
10) Heptane	8.25	43	5380	0.039	ppbv	#	67
11) Trichlorofluoromethane	4.00	101	26533	0.118	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.55	101	9038	0.060	ppbv	#	13
13) Ethanol	3.68	45	4016	0.191	ppbv		96
14) Bromoethene	3.80	108	6290	0.097	ppbv	#	84
15) Acetone	3.93	43	27472	0.184	ppbv	#	86
16) 1,3-Butadiene	3.36	39	7236	0.111	ppbv		90
19) Isopropyl Alcohol	4.06	45	11044	0.110	ppbv	#	98
20) Methylene Chloride	4.41	84	15553	0.235	ppbv		96
21) Allyl Chloride	4.48	41	11488	0.113	ppbv		89
22) trans-1,2-Dichloroethene	4.97	96	5068	0.076	ppbv		91
23) Vinyl Acetate	5.16	43	11192	0.054	ppbv	#	91
24) 1,1-Dichloroethane	5.09	63	18720	0.109	ppbv		95
25) Ethyl Acetate	5.78	43	29794	0.111	ppbv		99
26) Hexane	5.78	57	9466	0.075	ppbv	#	1
27) Carbon Disulfide	4.63	76	15131	0.095	ppbv	#	19
29) Chloroform	5.84	83	15073	0.072	ppbv	#	79
31) cis-1,2-Dichloroethene	5.64	61	3956	0.034	ppbv		89
32) 1,1,1-Trichloroethane	6.62	97	21851	0.098	ppbv		92
35) Carbon Tetrachloride	7.14	117	24844	0.104	ppbv	#	88
36) Benzene	7.01	78	18361	0.081	ppbv		97
37) 1,2-Dichloroethane	6.42	62	16918	0.109	ppbv		98
38) Trichloroethene	7.97	130	6051	0.064	ppbv	#	74
39) 1,2-Dichloropropane	7.29	63	679767	7.959	ppbv	#	24
42) Bromodichloromethane	7.90	83	7751	0.035	ppbv		100
46) cis-1,3-Dichloropropene	8.83	75	5424	0.043	ppbv	#	73
47) 1,1,2-Trichloroethane	9.62	97	3834	0.037	ppbv	#	50
48) Dibromochloromethane	10.45	129	14724	0.086	ppbv		99
49) Bromoform	13.20	173	7887	0.050	ppbv	#	40
50) 4-Methyl-2-Pentanone	8.91	43	13126	0.060	ppbv		96
53) Toluene	9.95	91	14183	0.061	ppbv		95
56) 1,1,1,2-Tetrachloroethane	12.29	131	4754	0.036	ppbv	#	10
57) Chlorobenzene	12.30	112	21051	0.100	ppbv	#	78
59) m/p-Xylene	13.13	91	12962	0.044	ppbv	#	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010419\

Quantitation Report (Not Reviewed)

Data File : VL033065.D
Acq On : 4 Jan 2019 11:57
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 04 12:52:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 03 19:04:31 2019
QLast Update : Thu Jan 03 19:04:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) o-Xylene	13.85	91	14479	0.050	ppbv		100
62) Isopropylbenzene	14.83	105	14904	0.036	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.84	83	19792	0.087	ppbv		83
69) p-Isopropyltoluene	17.82	119	15625	0.037	ppbv	#	74
75) 1,3-Dichlorobenzene	17.16	146	6754	0.033	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.55	225	11945	0.091	ppbv	#	51

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

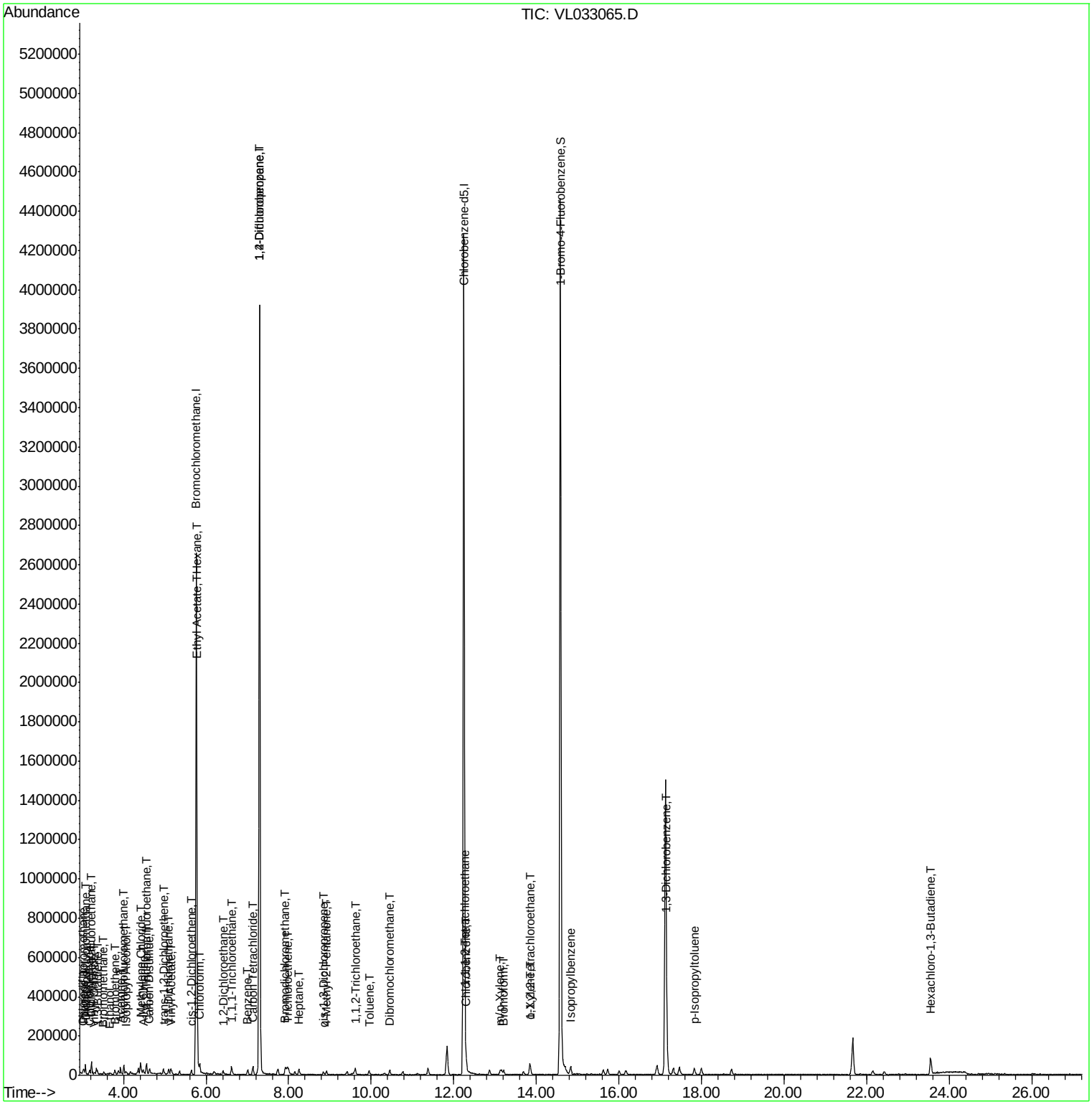
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010419\

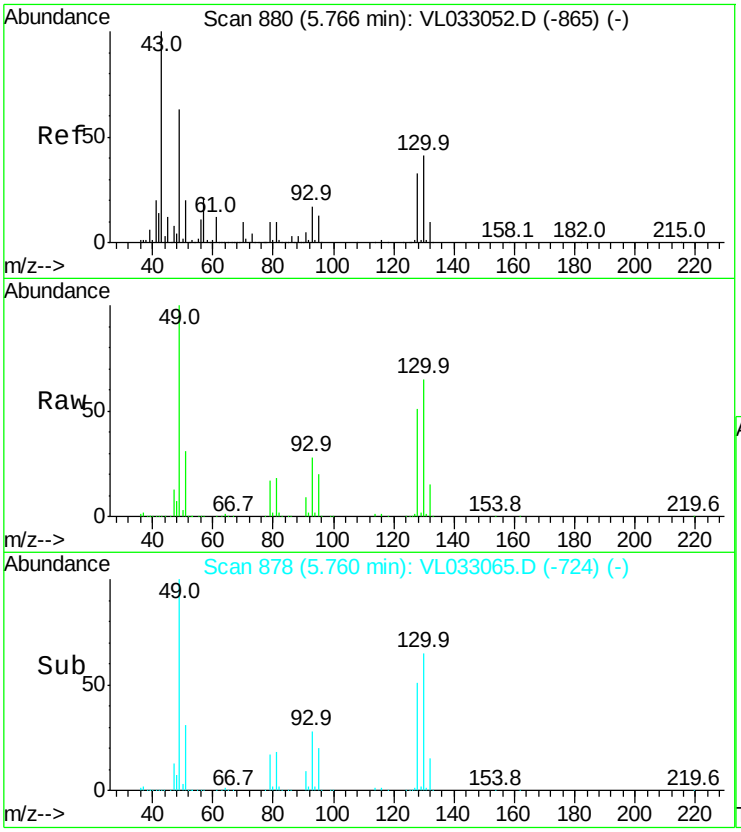
Quantitation Report (Not Reviewed)

Data File : VL033065.D
Acq On : 4 Jan 2019 11:57
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 04 12:52:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 03 19:04:31 2019
QLast Update : Thu Jan 03 19:04:31 2019
Response via : Initial Calibration



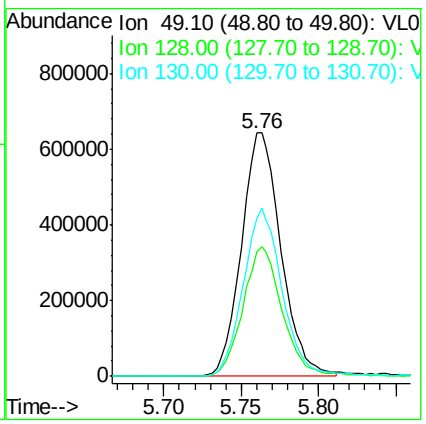


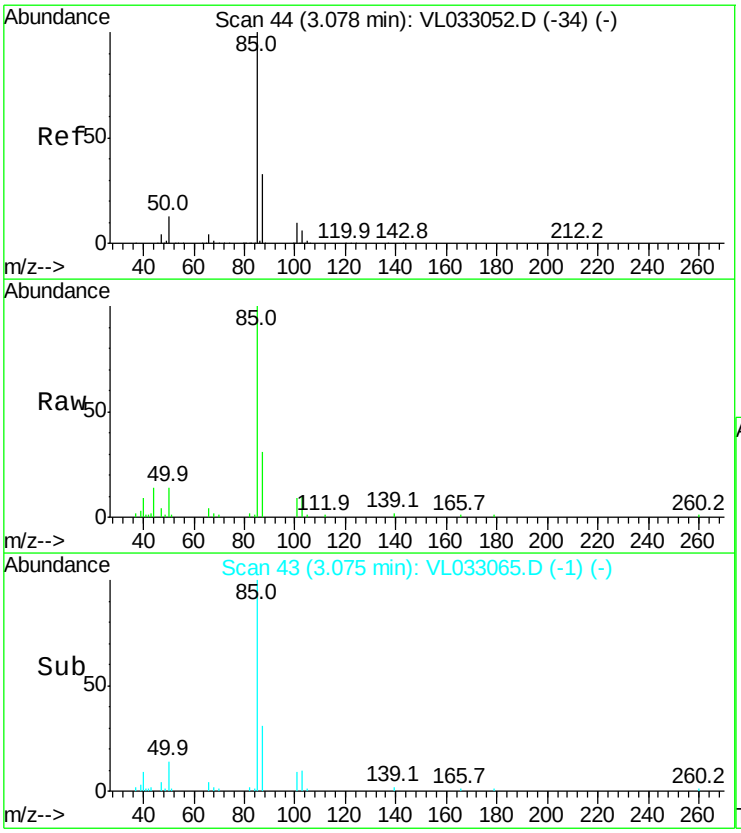
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1144094

Ion	Ratio	Lower	Upper
49	100		
128	53.1	26.2	78.5
130	68.8	33.6	100.6

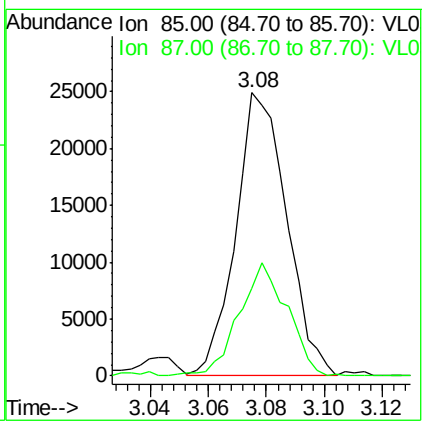


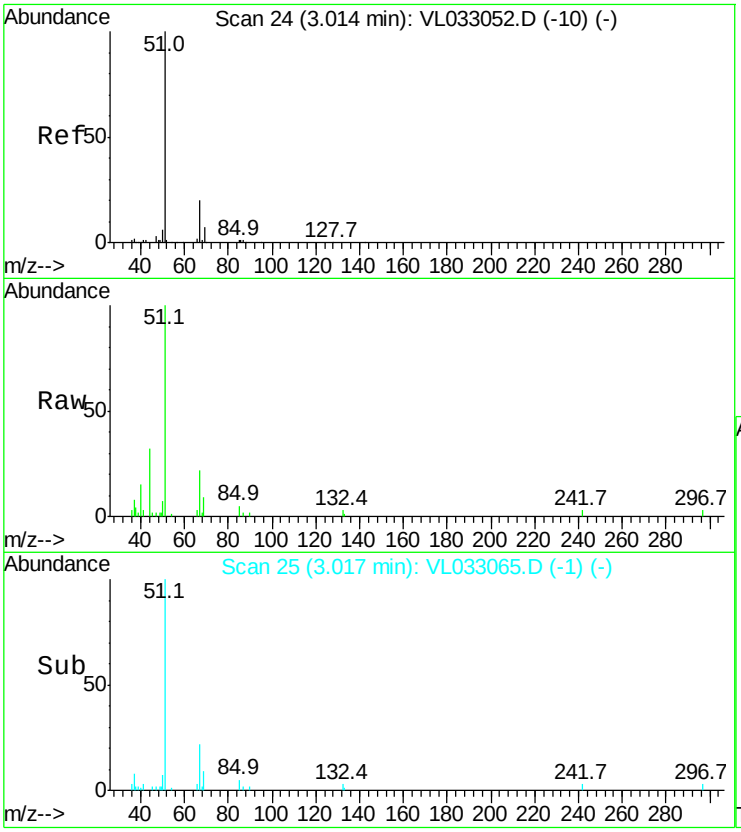


#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 85 Resp: 30393

Ion	Ratio	Lower	Upper
85	100		
87	30.0	26.3	39.5



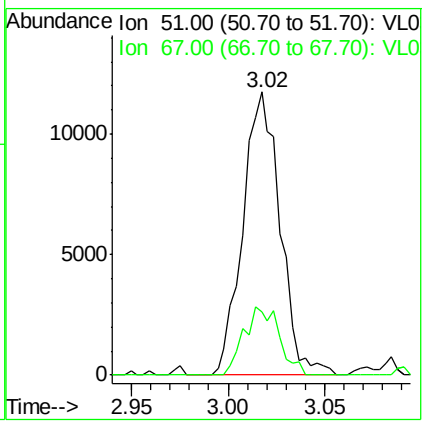


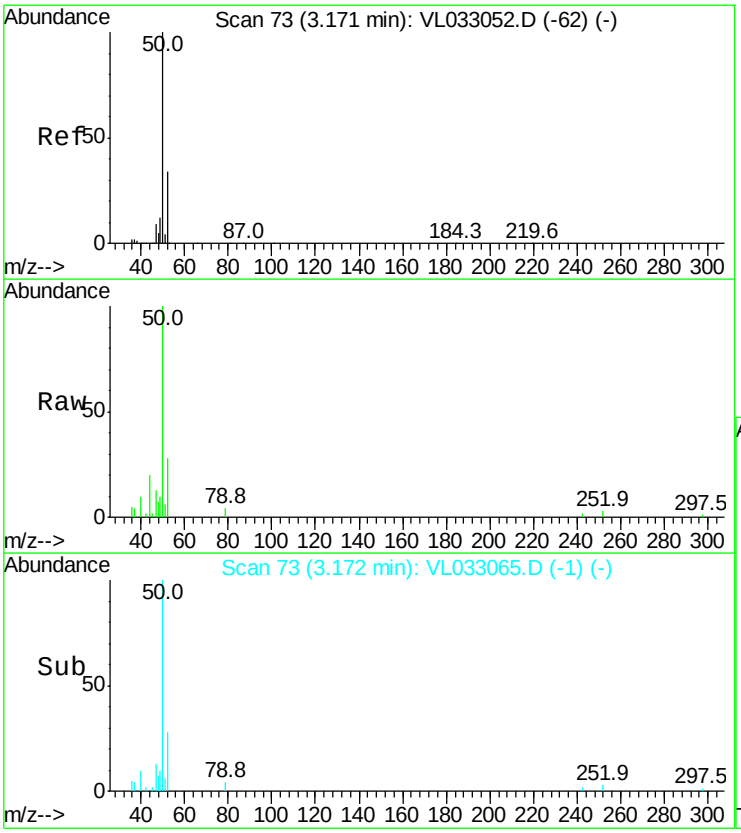
#3
Chlorodifluoromethane
Concen: 0.113 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 15725

Ion	Ratio	Lower	Upper
51	100		
67	22.8	16.3	24.5

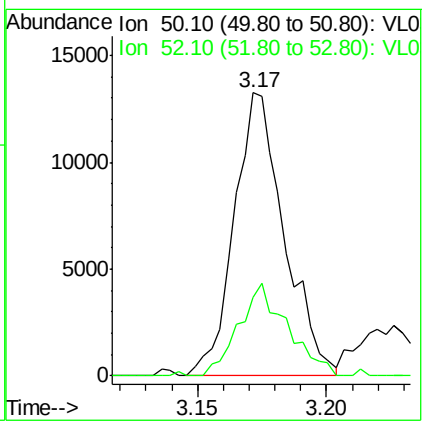


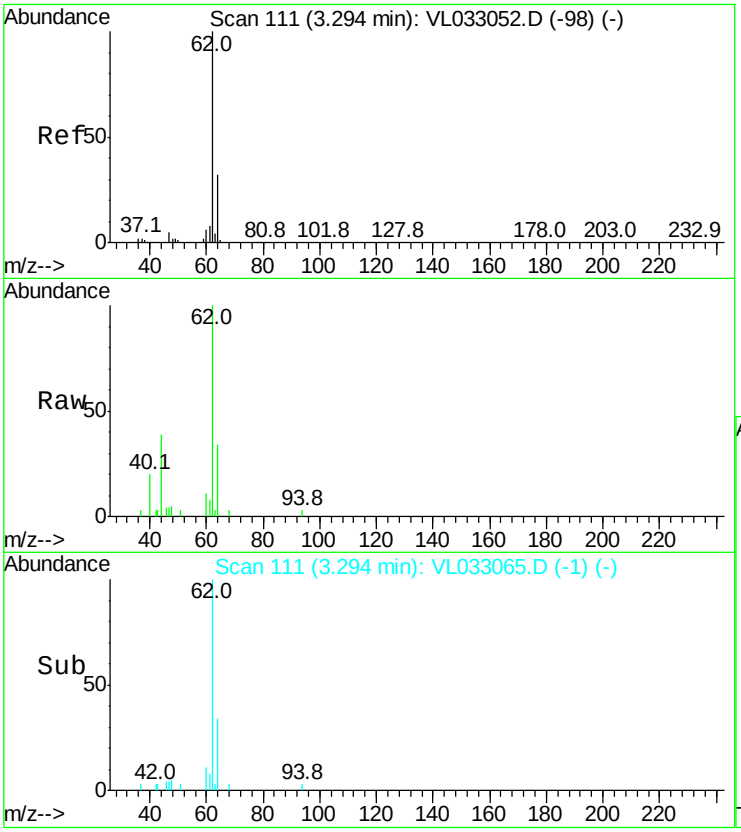


#4
Chloromethane
Concen: 0.223 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 50 Resp: 18028

Ion	Ratio	Lower	Upper
50	100		
52	28.0	26.9	40.3



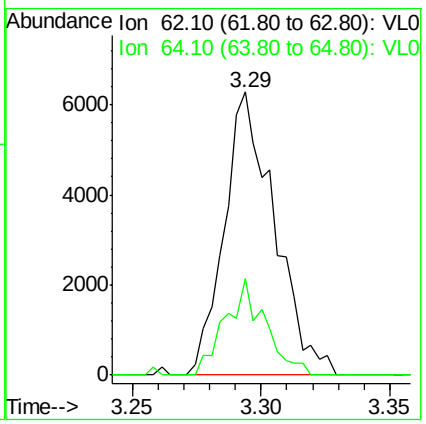


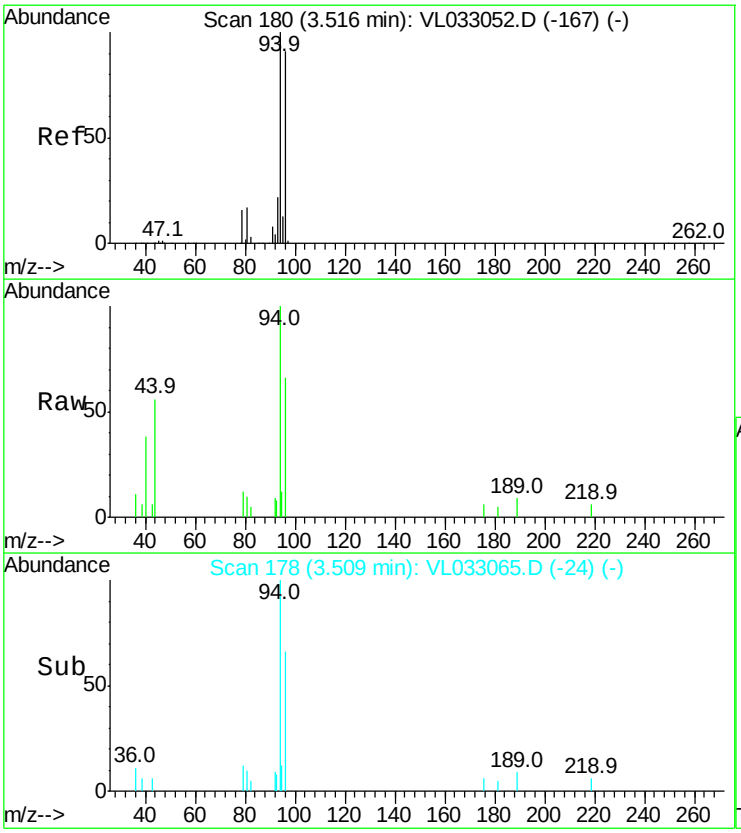
#5
Vinyl Chloride
Concen: 0.100 ppbv
RT: 3.29 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 62 Resp: 8568

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.3	37.9

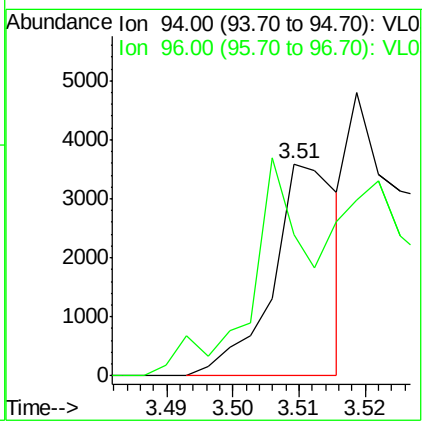


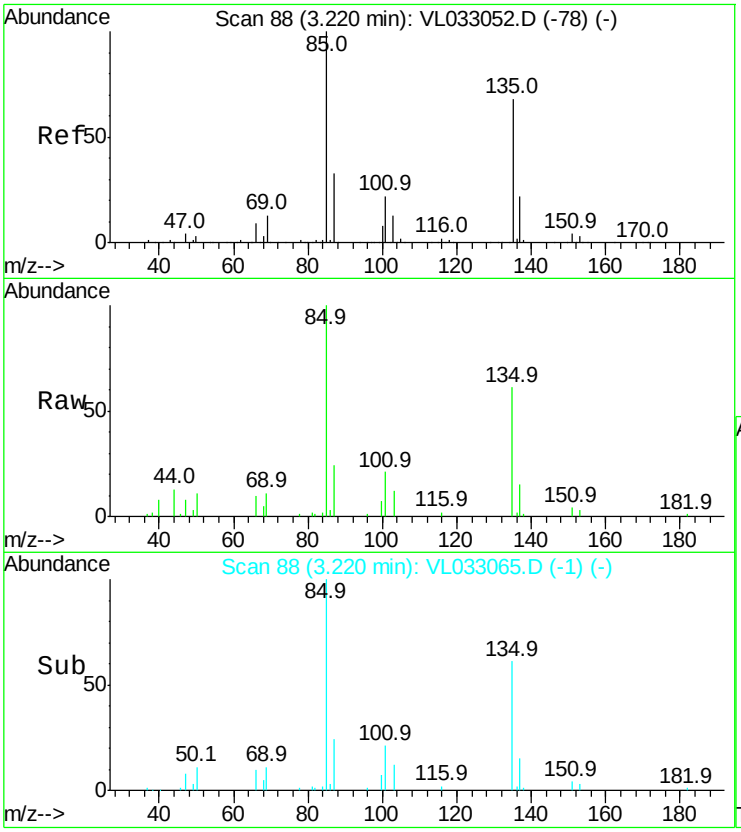


#6
Bromomethane
Concen: 0.047 ppbv
RT: 3.51 min Scan# 178
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 94 Resp: 2472

Ion	Ratio	Lower	Upper
94	100		
96	47.5	72.8	109.2#



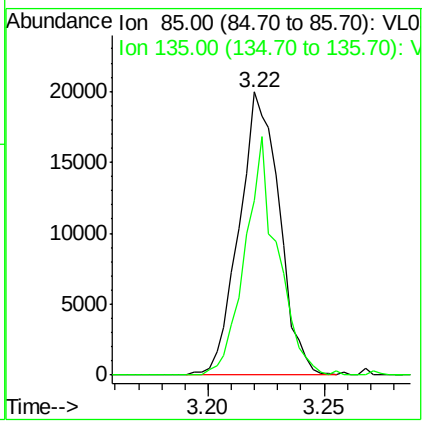


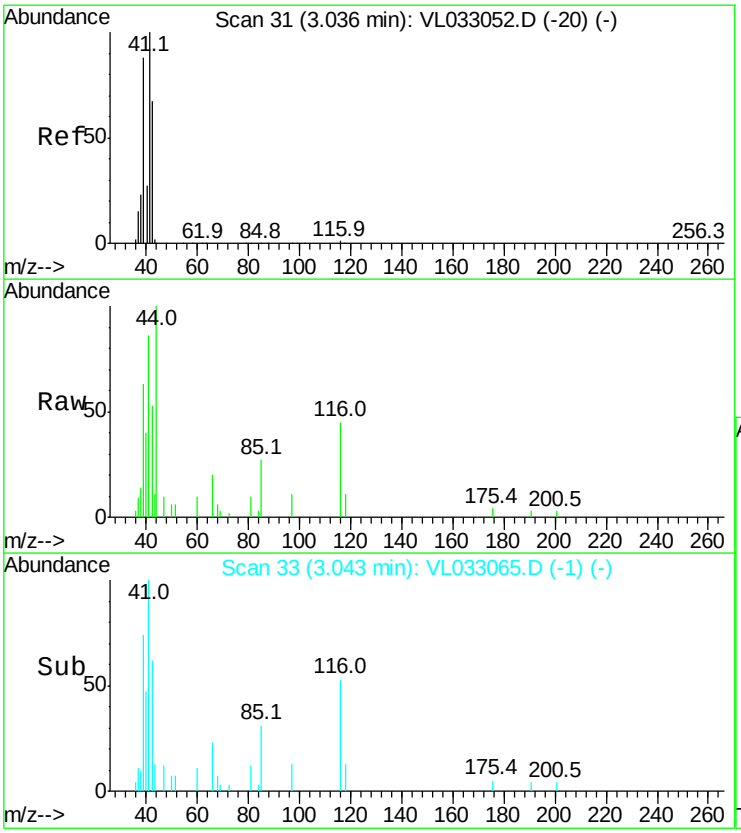
#8
Dichlorotetrafluoroethane
Concen: 0.118 ppbv
RT: 3.22 min Scan# 88
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 85 Resp: 24024

Ion	Ratio	Lower	Upper
85	100		
135	68.6	54.9	82.3

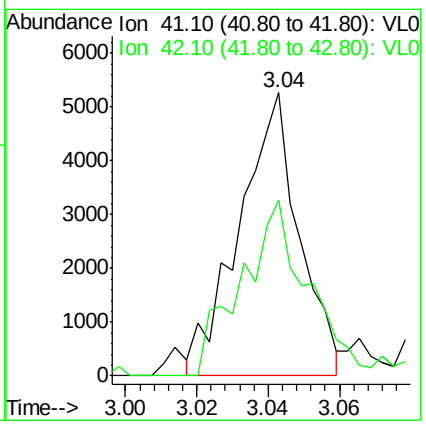


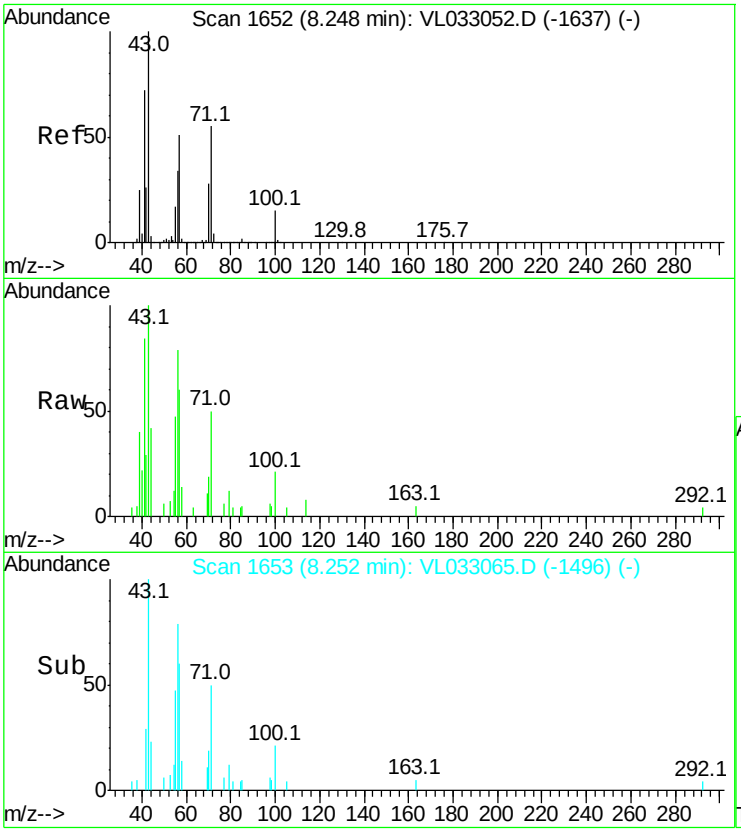


#9
Propene
Concen: 0.113 ppbv
RT: 3.04 min Scan# 33
Delta R.T. 0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 41 Resp: 6105

Ion	Ratio	Lower	Upper
41	100		
42	72.6	55.3	82.9



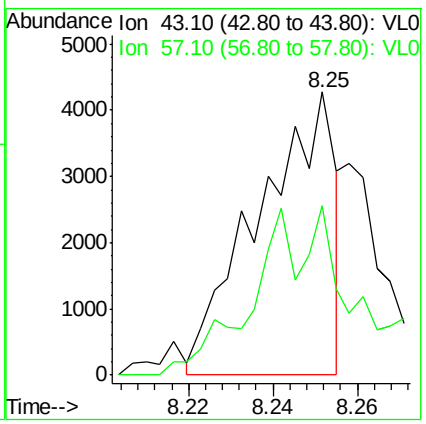


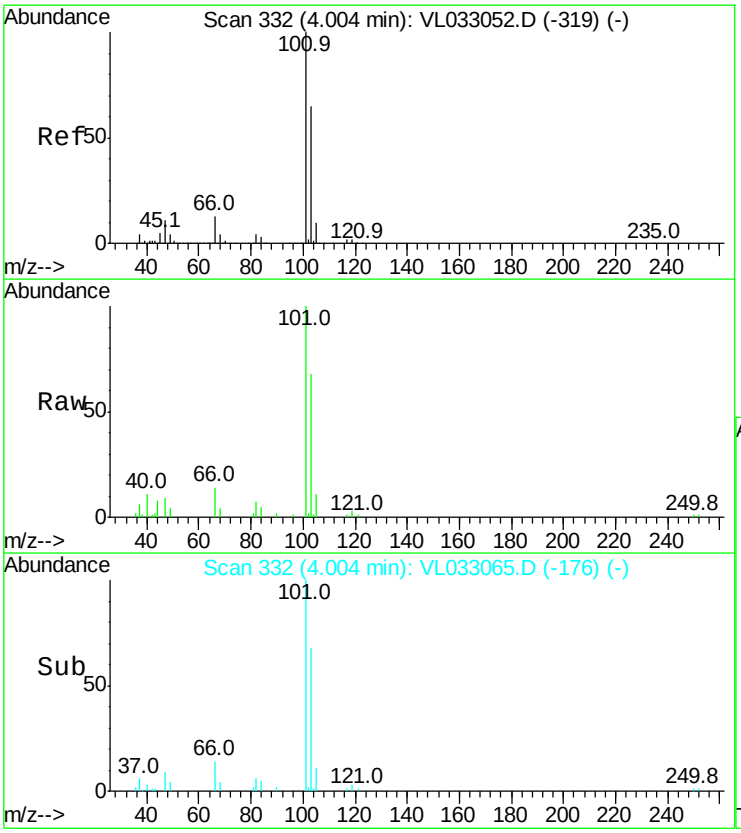
#10
Heptane
Concen: 0.039 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 5380

Ion	Ratio	Lower	Upper
43	100		
57	75.4	41.9	62.9#

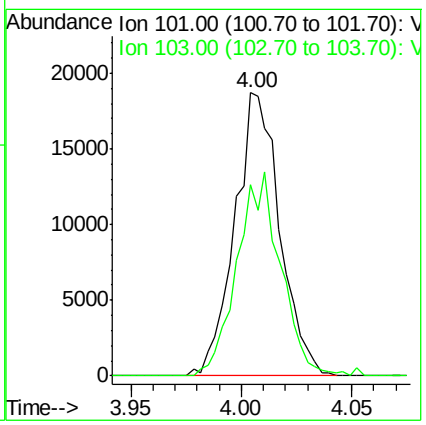


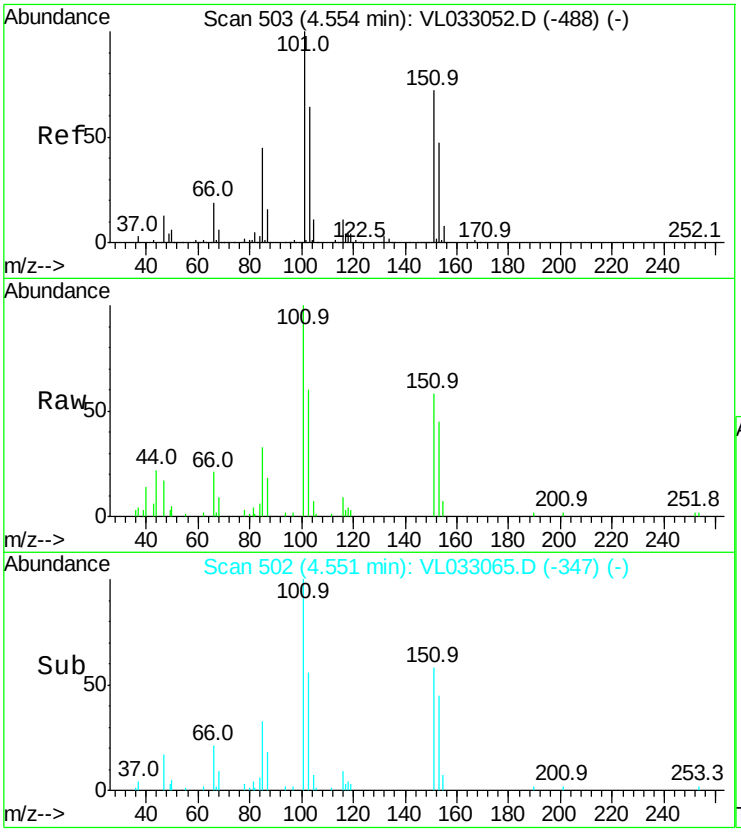


#11
Trichlorofluoromethane
Concen: 0.118 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:101 Resp: 26533

Ion	Ratio	Lower	Upper
101	100		
103	67.7	51.7	77.5



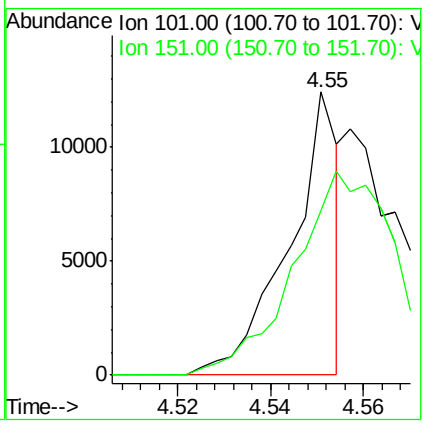


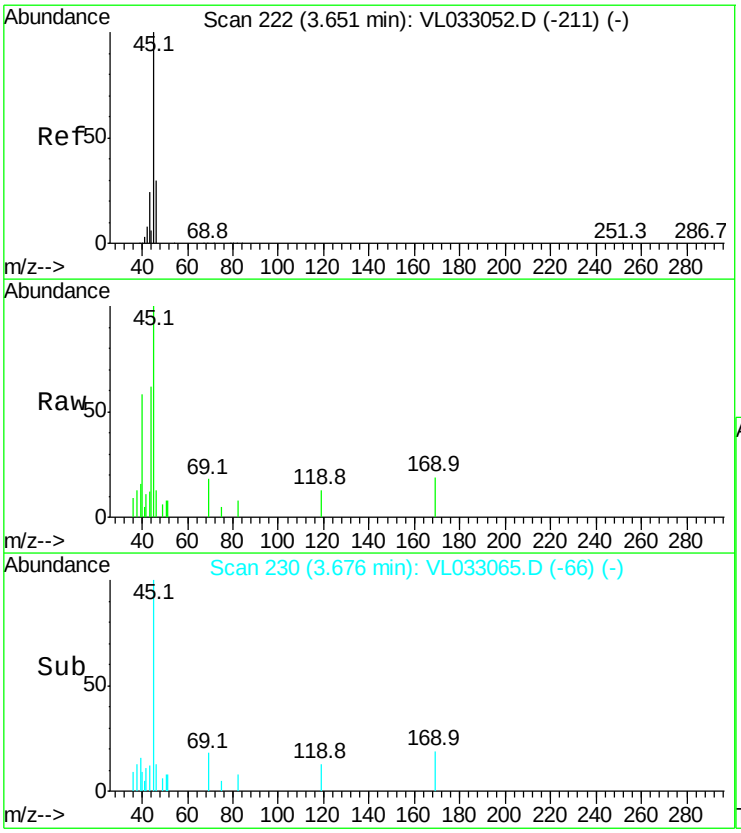
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.060 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 9038

Ion	Ratio	Lower	Upper
101	100		
151	0.0	58.3	87.5#

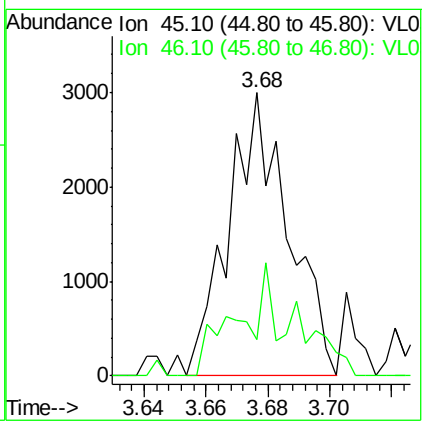


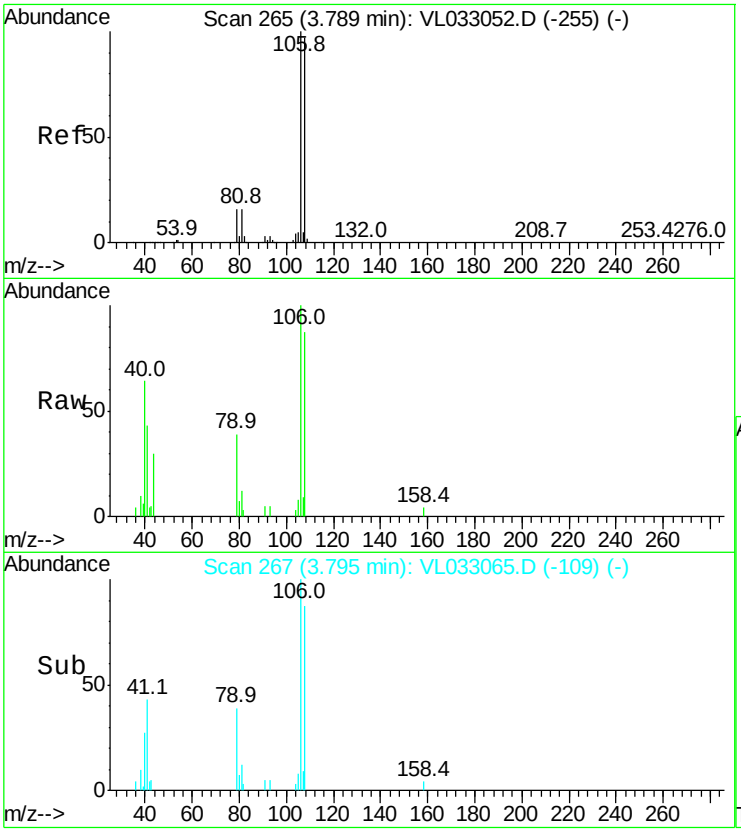


#13
Ethanol
Concen: 0.191 ppbv
RT: 3.68 min Scan# 230
Delta R.T. 0.03 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 45 Resp: 4016

Ion	Ratio	Lower	Upper
45	100		
46	36.7	13.8	55.2



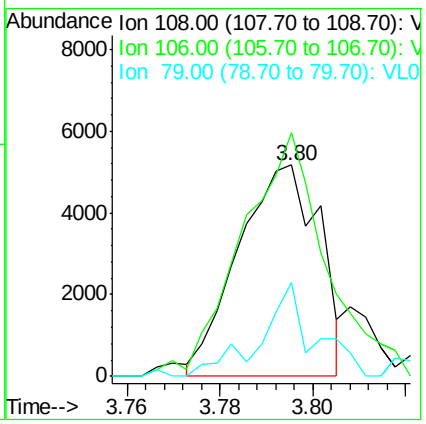


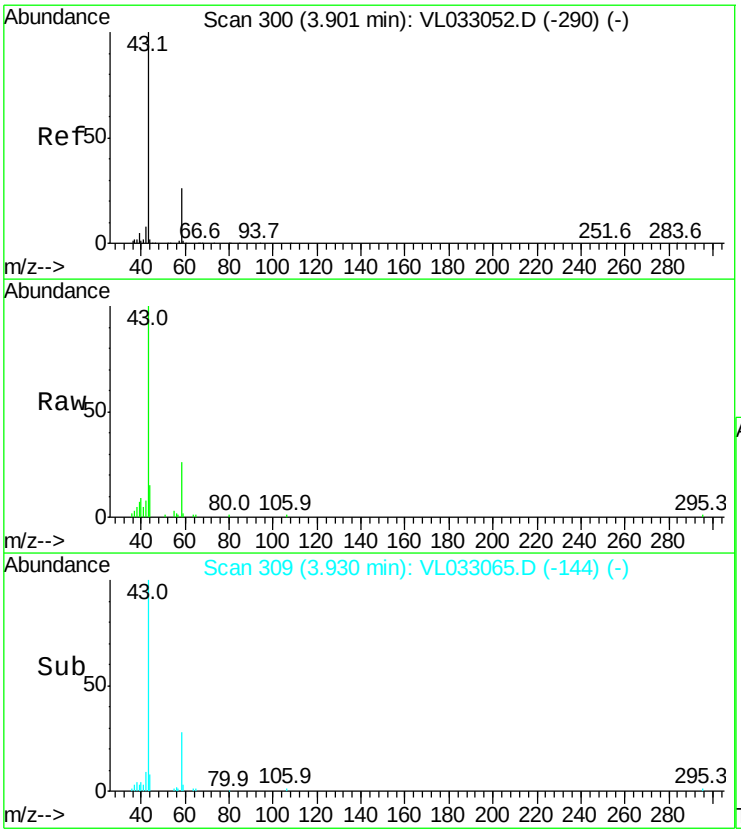
#14
Bromoethene
Concen: 0.097 ppbv
RT: 3.80 min Scan# 267
Delta R.T. 0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 6290

Ion	Ratio	Lower	Upper
108	100		
106	122.2	86.4	129.6
79	31.9	14.3	21.5#

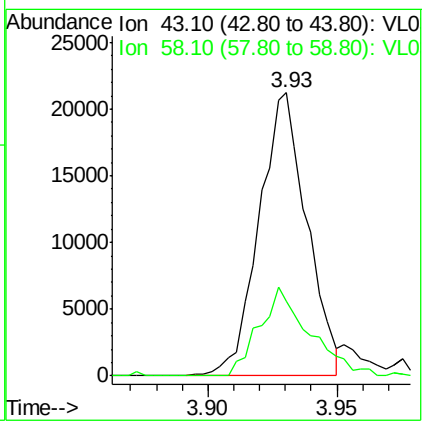


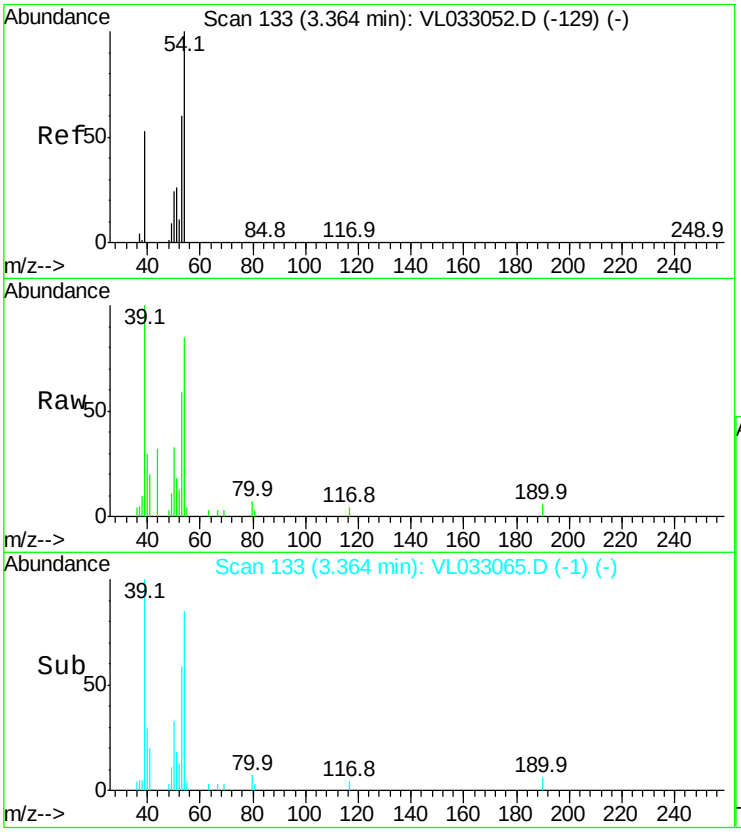


#15
Acetone
Concen: 0.184 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.03 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 43 Resp: 27472

Ion	Ratio	Lower	Upper
43	100		
58	33.4	21.1	31.7#



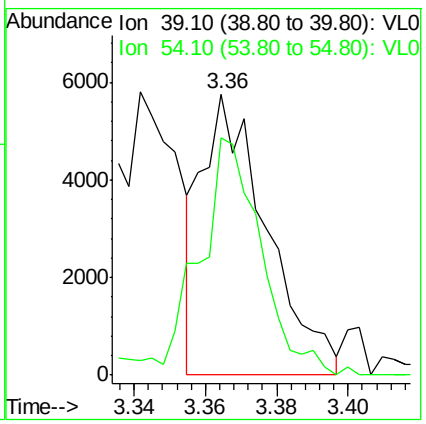


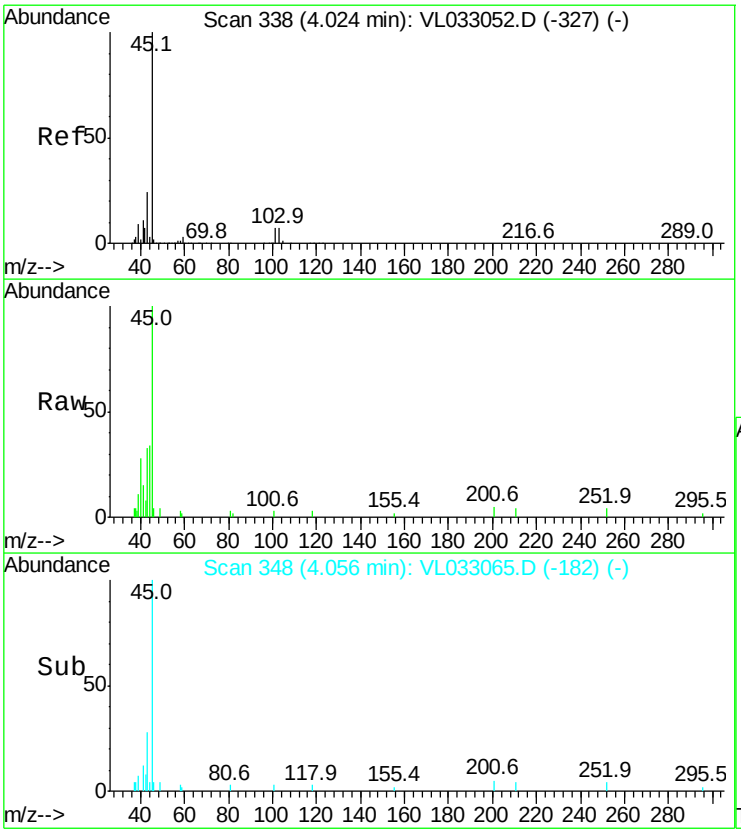
#16
1,3-Butadiene
Concen: 0.111 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 7236

Ion	Ratio	Lower	Upper
39	100		
54	82.8	73.7	110.5

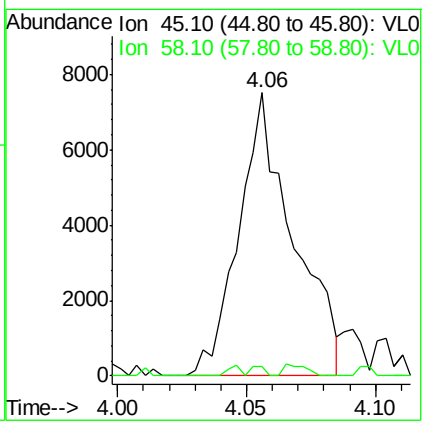


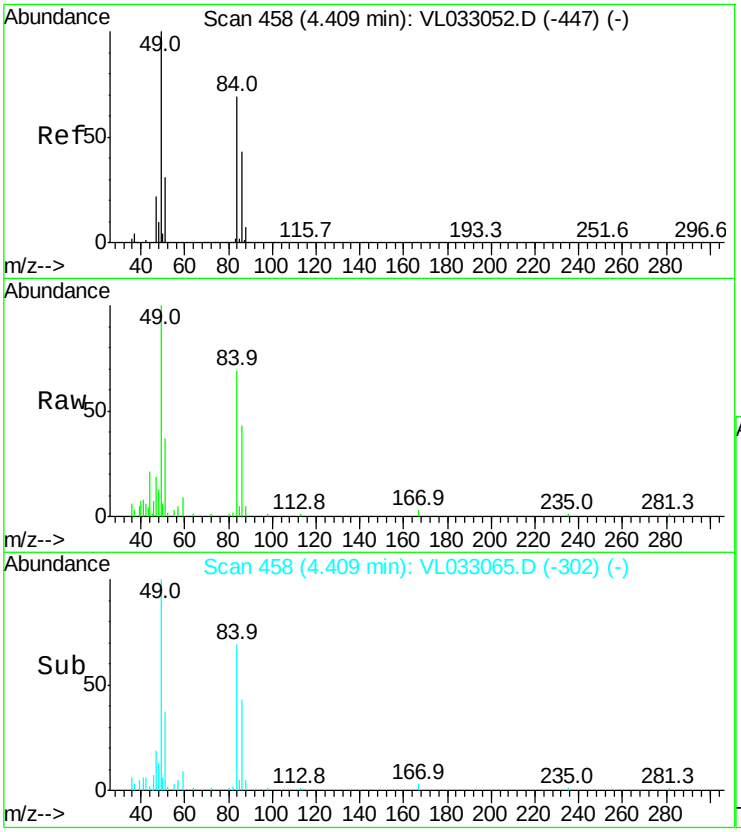


#19
Isopropyl Alcohol
Concen: 0.110 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.03 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 45 Resp: 11044

Ion	Ratio	Lower	Upper
45	100		
58	2.6	1.4	2.2#



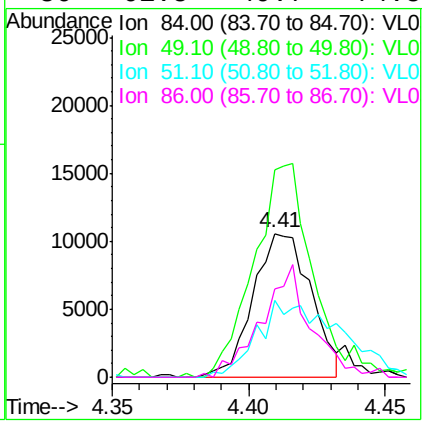


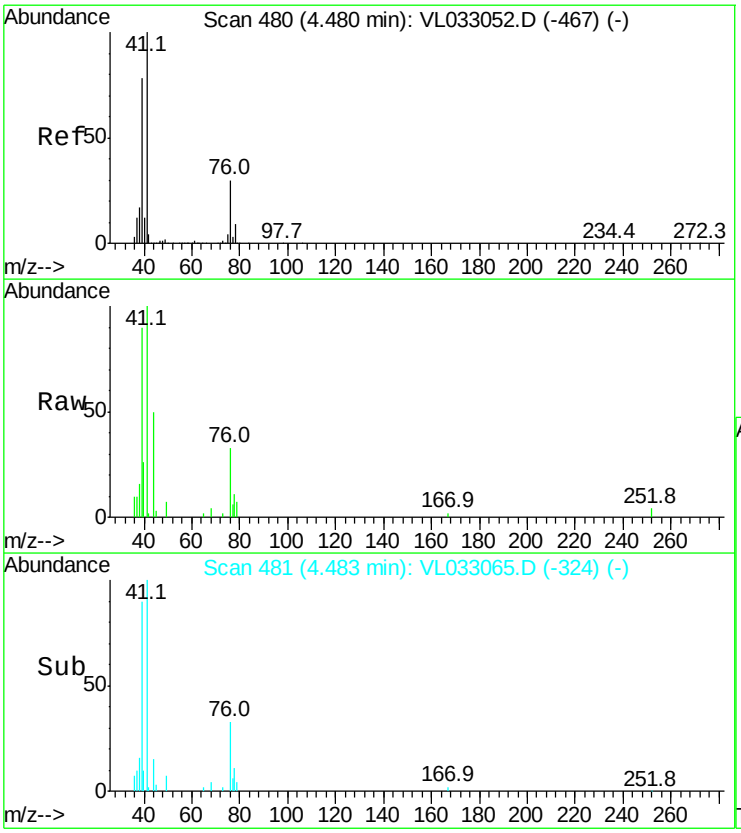
#20
Methylene Chloride
Concen: 0.235 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 15553

Ion	Ratio	Lower	Upper
84	100		
49	142.2	115.8	173.6
51	53.3	35.7	53.5
86	61.5	49.7	74.5

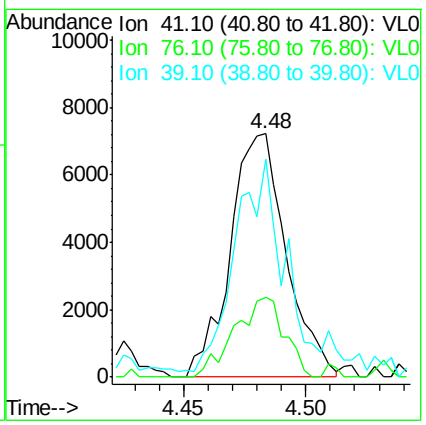


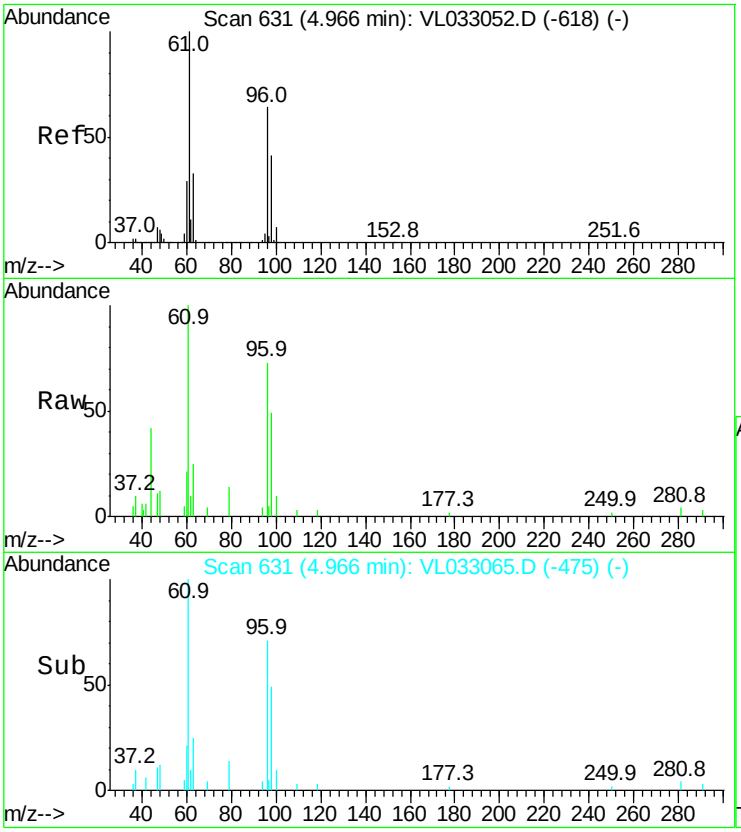


#21
Allyl Chloride
Concen: 0.113 ppbv
RT: 4.48 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 41 Resp: 11488

Ion	Ratio	Lower	Upper
41	100		
76	30.3	24.6	36.8
39	91.0	62.8	94.2



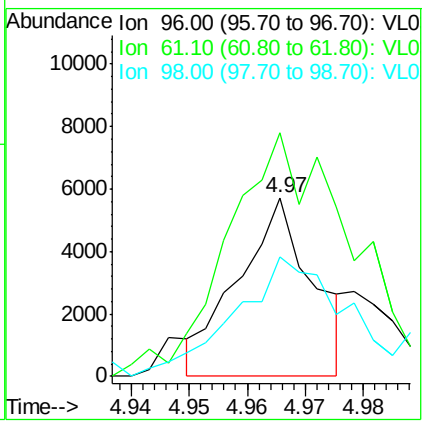


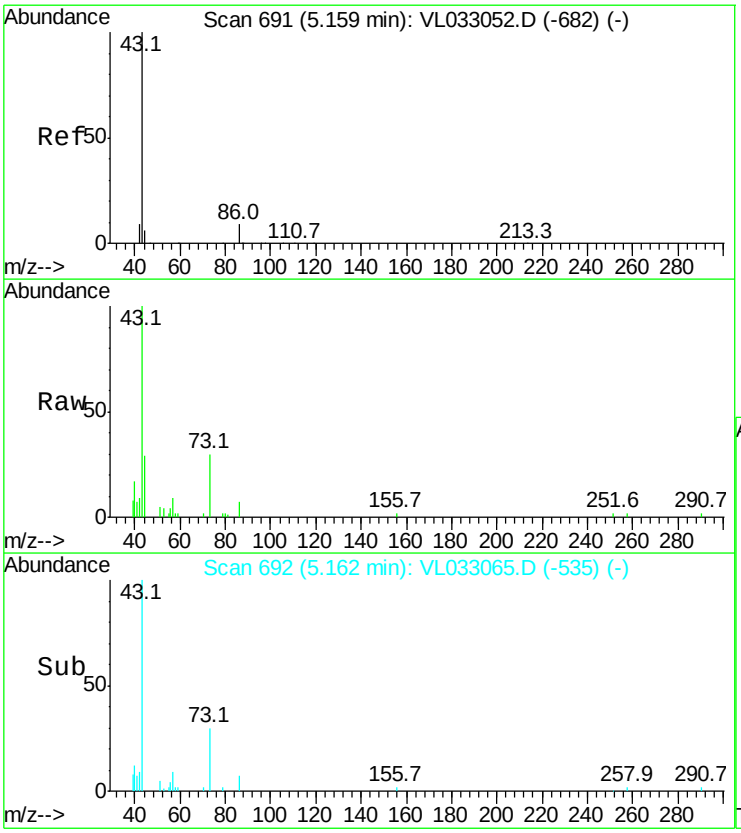
#22
trans-1,2-Dichloroethene
Concen: 0.076 ppbv
RT: 4.97 min Scan# 631
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 5068

Ion	Ratio	Lower	Upper
96	100		
61	142.6	125.2	187.8
98	67.8	50.9	76.3

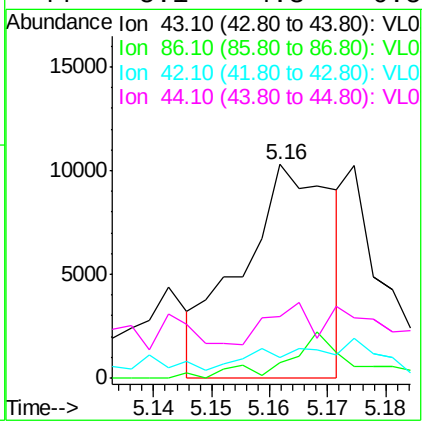


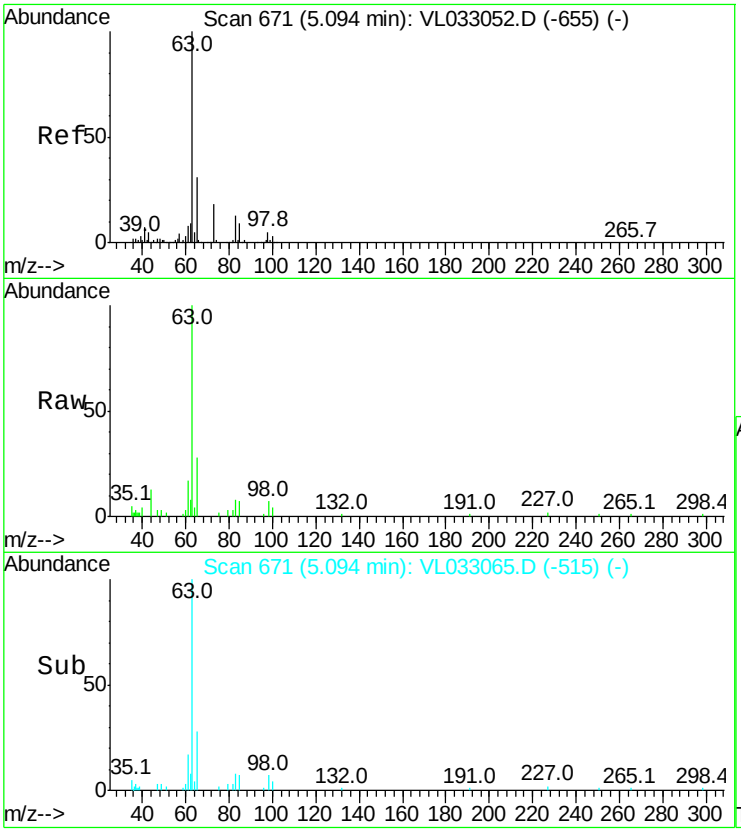


#23
Vinyl Acetate
Concen: 0.054 ppbv
RT: 5.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 43 Resp: 11192

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.2	9.4
42	2.5	8.1	12.1#
44	5.1	4.3	6.5



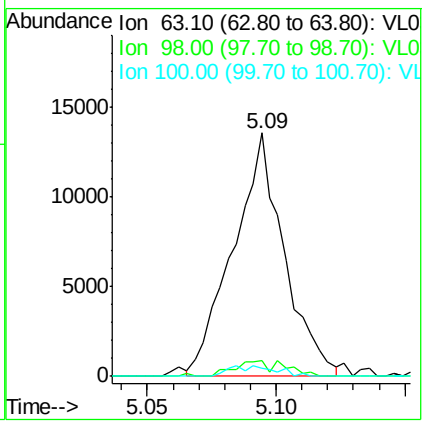


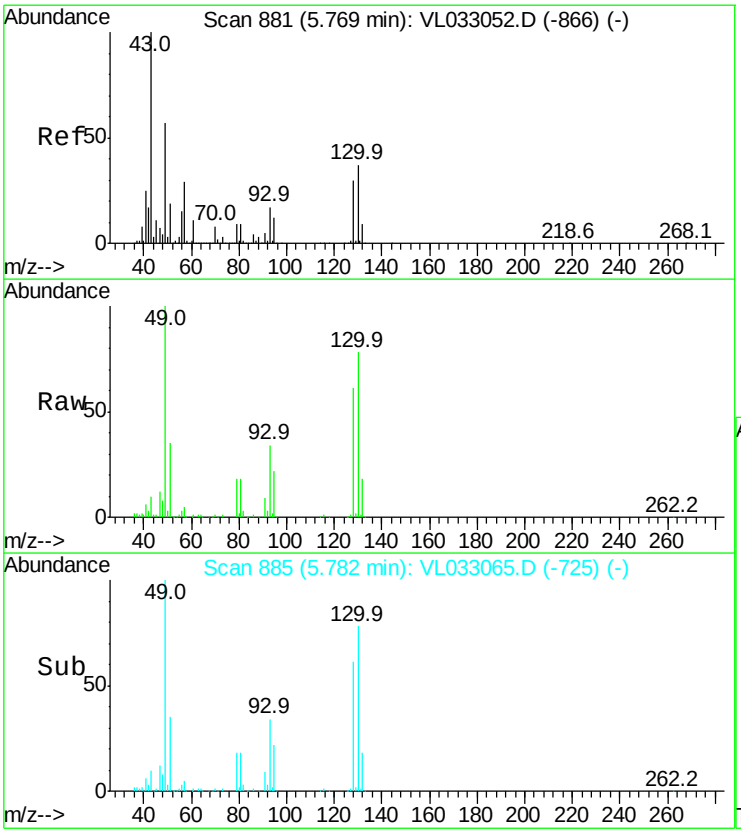
#24
1,1-Dichloroethane
Concen: 0.109 ppbv
RT: 5.09 min Scan# 671
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 18720

Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.4	7.2
100	3.6	1.4	4.0

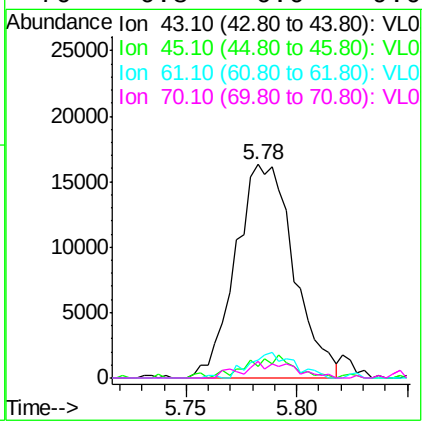


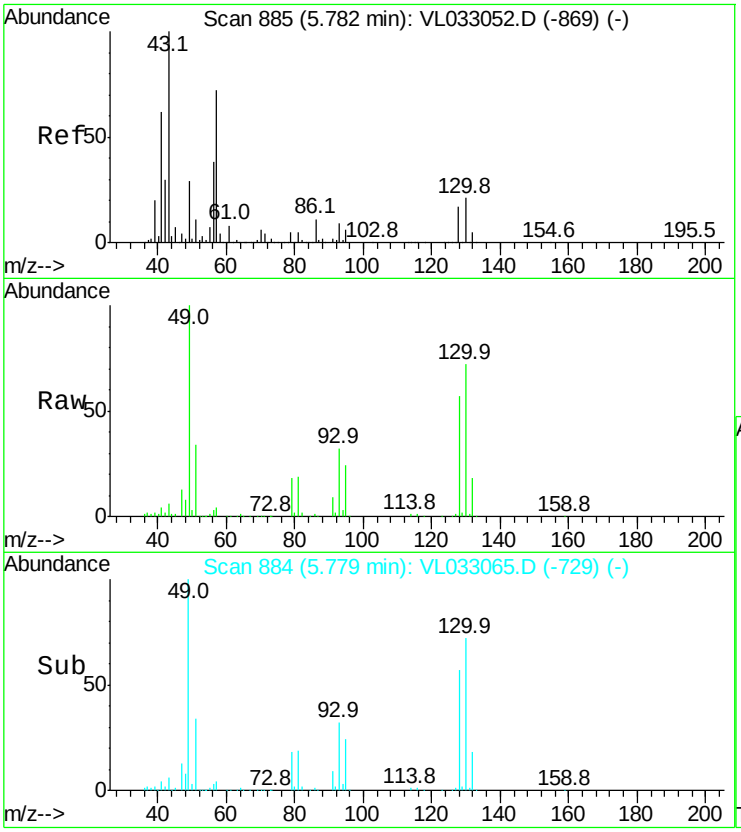


#25
Ethyl Acetate
Concen: 0.111 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 43 Resp: 29794

Ion	Ratio	Lower	Upper
43	100		
45	9.2	7.9	11.9
61	9.8	7.8	11.8
70	6.8	6.0	9.0



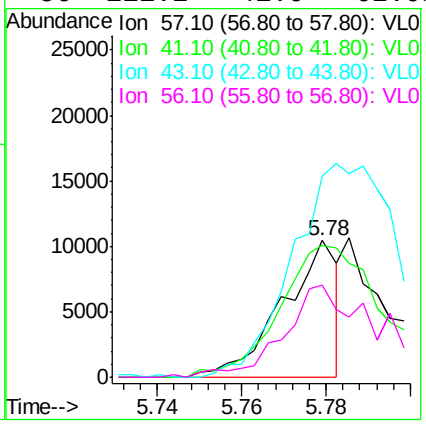


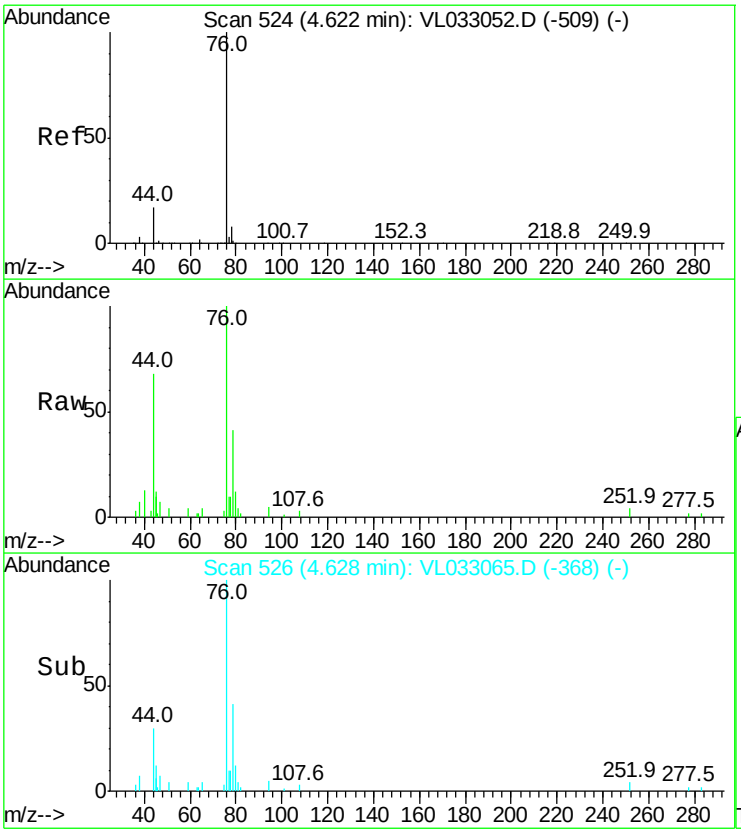
#26
Hexane
Concen: 0.075 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 9466

Ion	Ratio	Lower	Upper
57	100		
41	177.7	70.8	106.2#
43	0.0	171.8	257.6#
56	111.2	41.9	62.9#

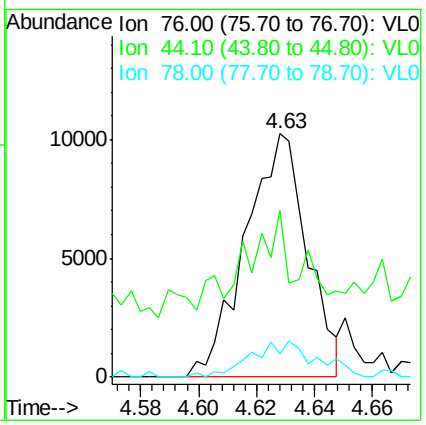


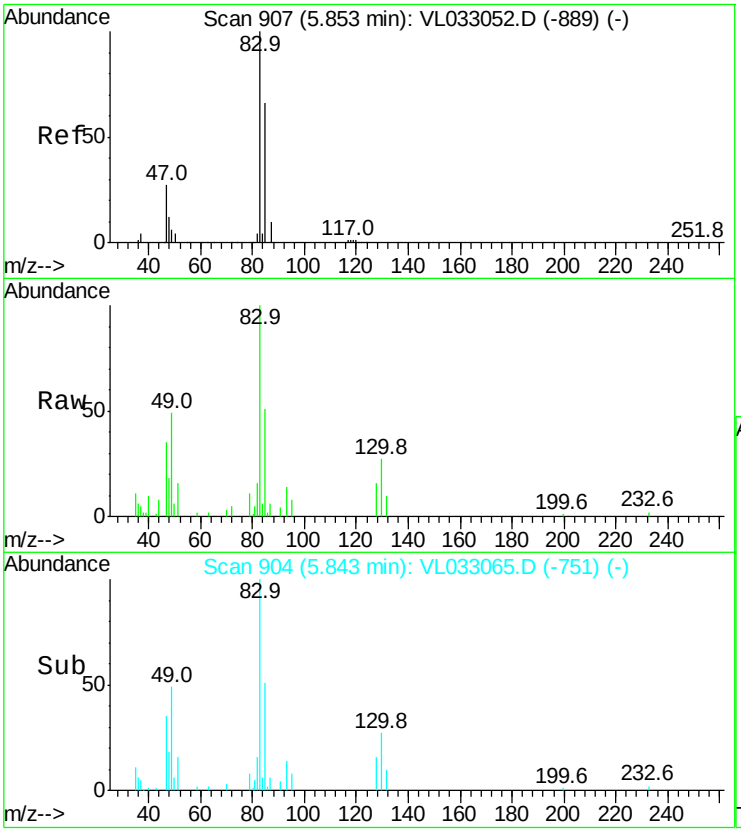


#27
Carbon Disulfide
Concen: 0.095 ppbv
RT: 4.63 min Scan# 526
Delta R.T. 0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 76 Resp: 15131

Ion	Ratio	Lower	Upper
76	100		
44	66.6	13.9	20.9#
78	16.2	7.3	10.9#



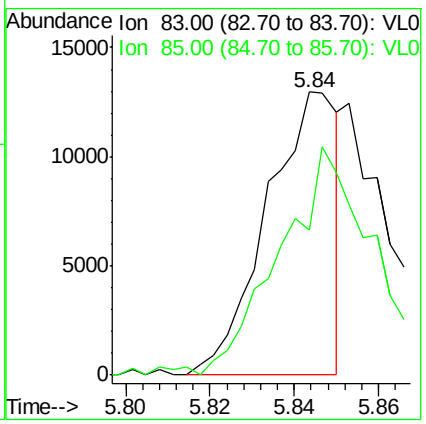


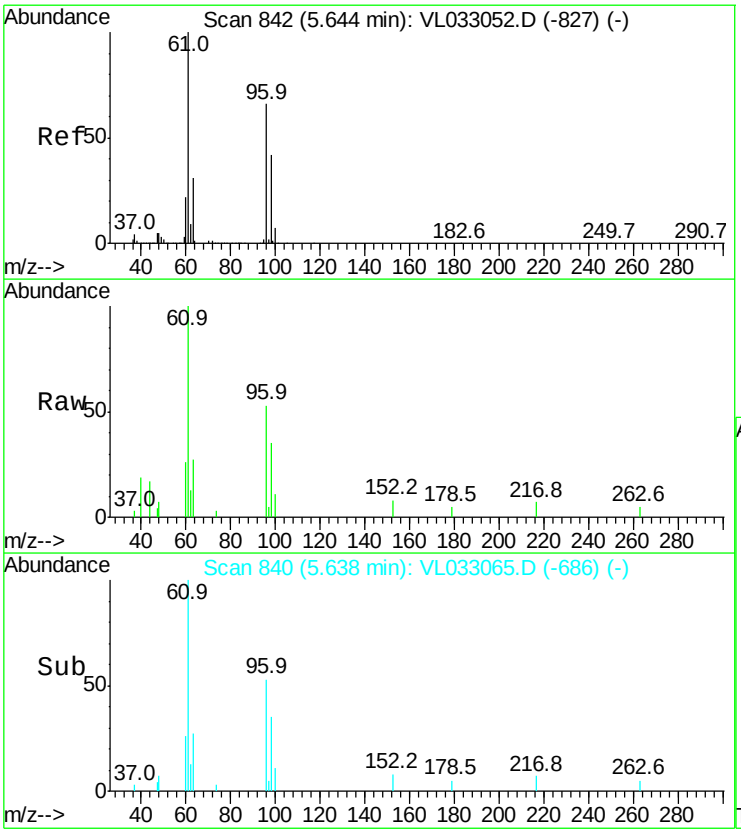
#29
Chloroform
Concen: 0.072 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 15073

Ion	Ratio	Lower	Upper
83	100		
85	48.6	52.5	78.7#

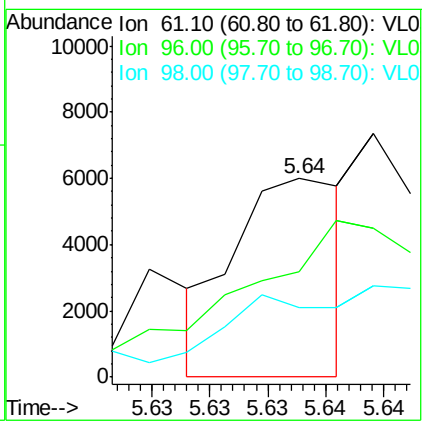


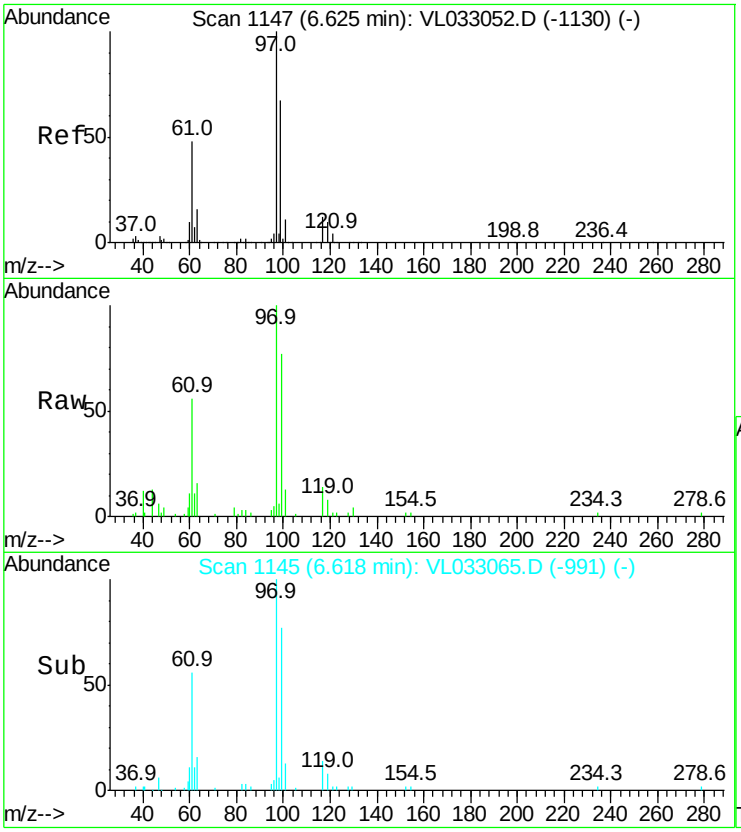


#31
cis-1,2-Dichloroethene
Concen: 0.034 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 61 Resp: 3956

Ion	Ratio	Lower	Upper
61	100		
96	54.2	52.8	79.2
98	39.7	33.8	50.6



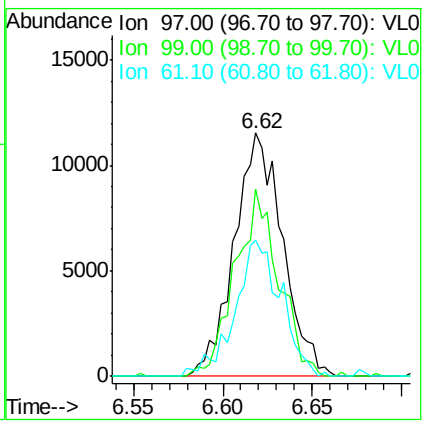


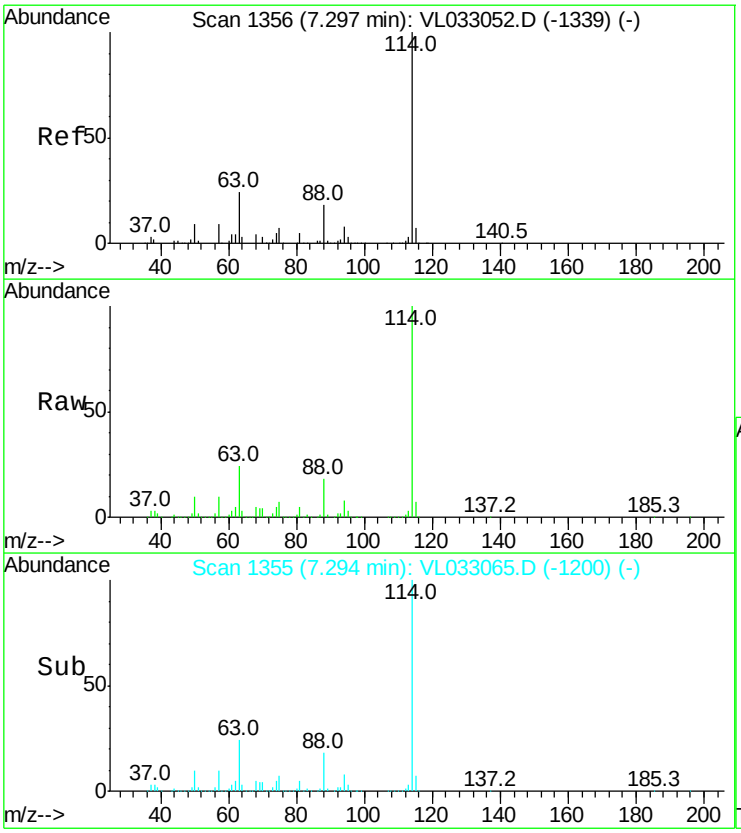
#32
1,1,1-Trichloroethane
Concen: 0.098 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 21851

Ion	Ratio	Lower	Upper
97	100		
99	69.7	51.1	76.7
61	53.3	38.3	57.5

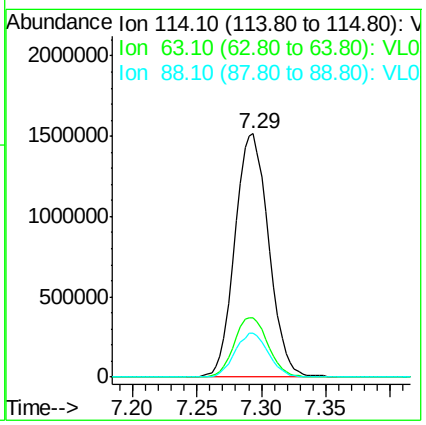


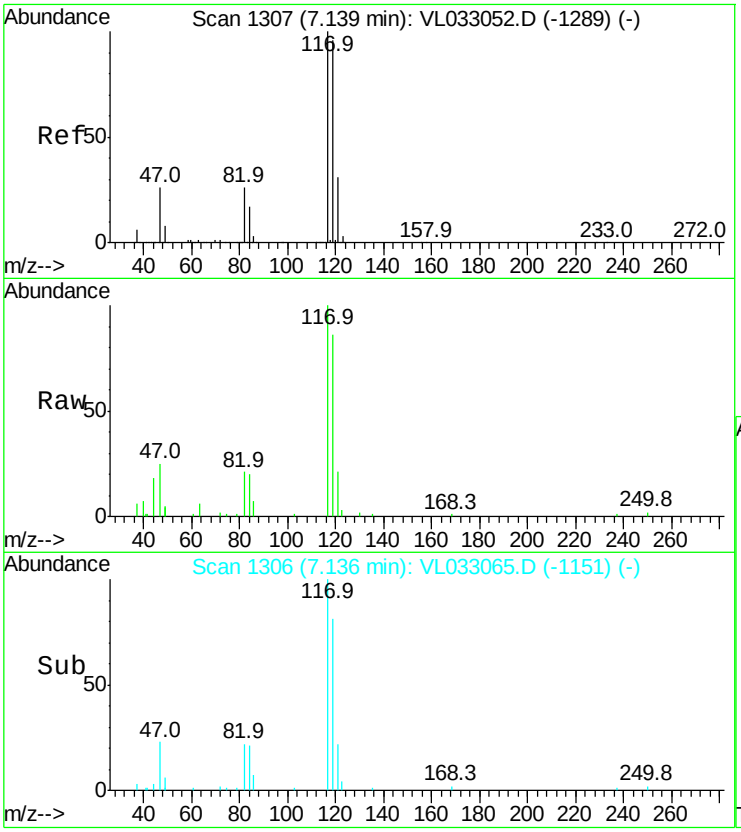


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:114 Resp: 2767113

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.1	30.1
88	17.8	14.0	21.0



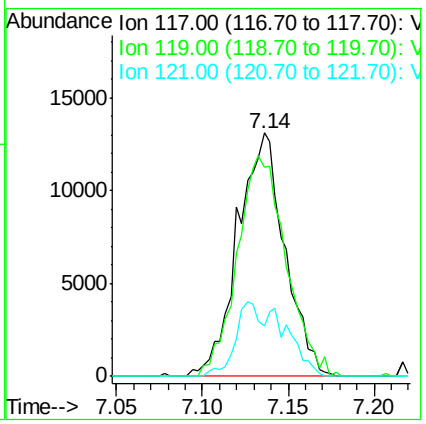


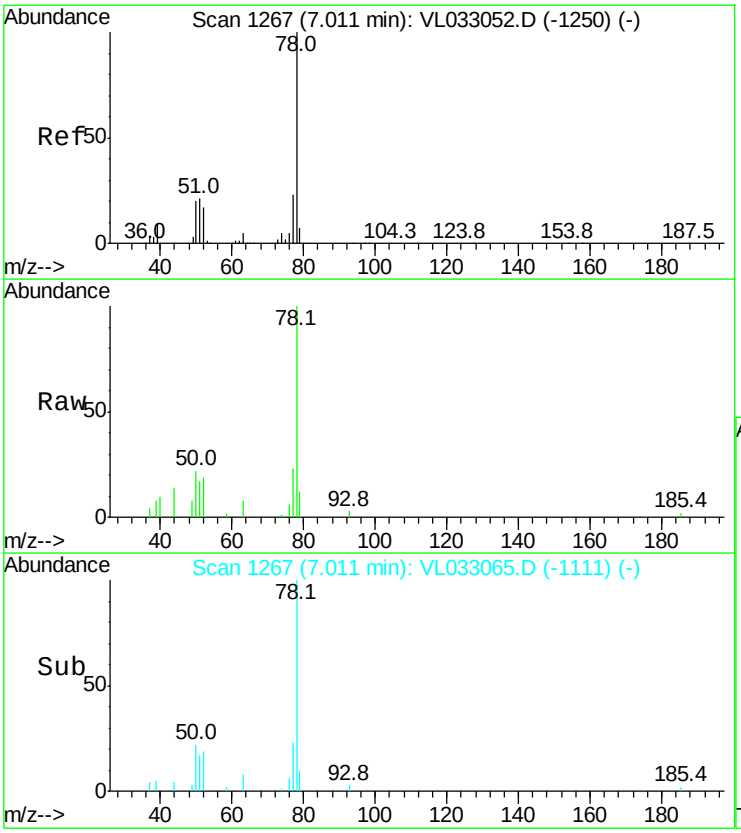
#35
Carbon Tetrachloride
Concen: 0.104 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 24844

Ion	Ratio	Lower	Upper
117	100		
119	85.7	76.5	114.7
121	20.9	25.2	37.8#

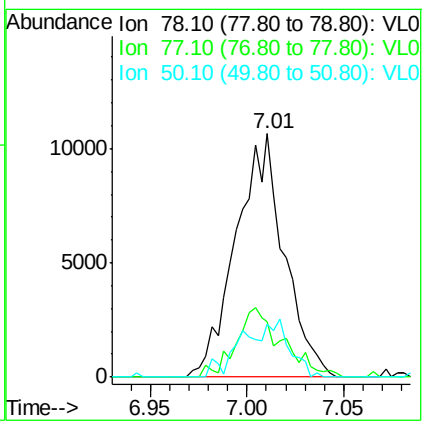


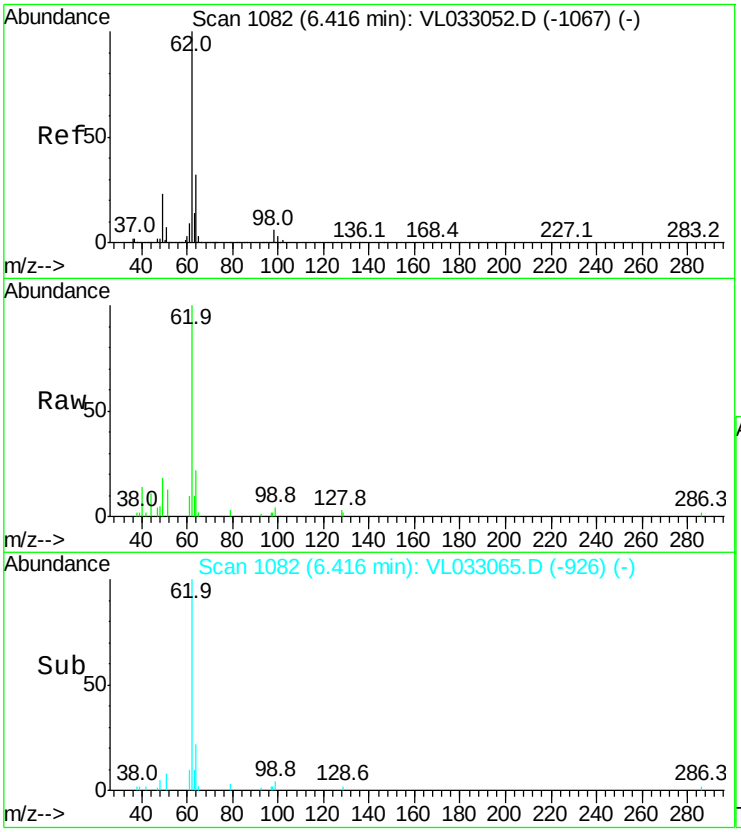


#36
Benzene
Concen: 0.081 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 78 Resp: 18361

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.5	27.7
50	21.9	15.7	23.5



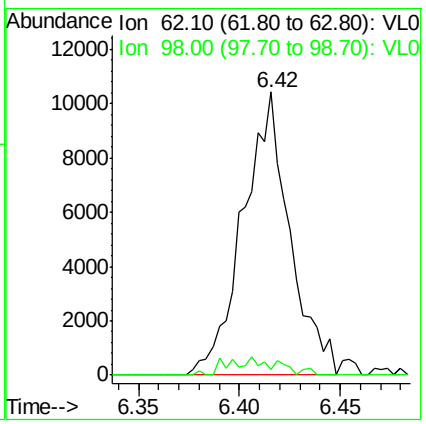


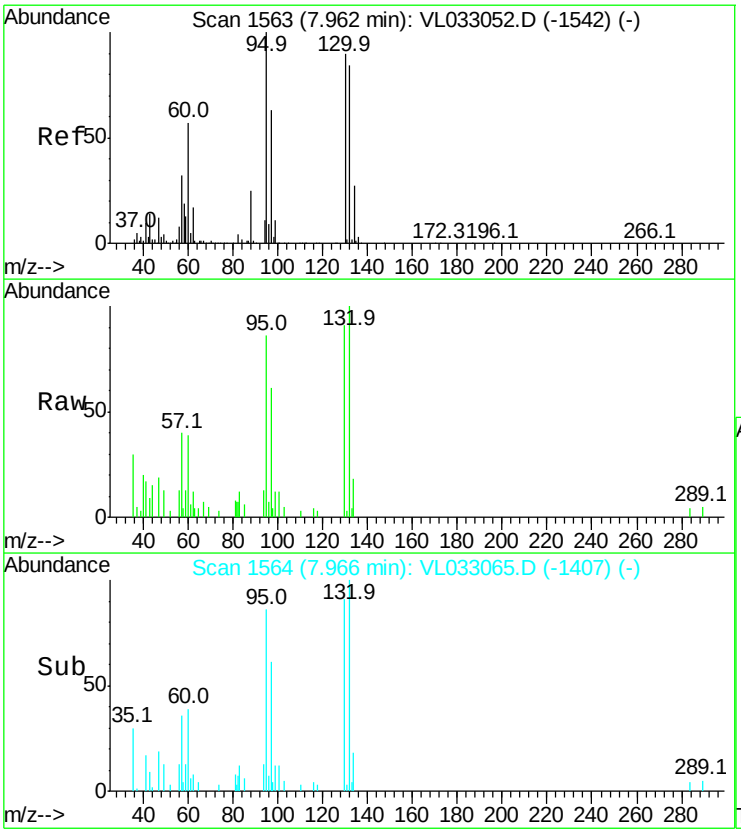
#37
1,2-Dichloroethane
Concen: 0.109 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 16918

Ion	Ratio	Lower	Upper
62	100		
98	6.5	4.6	7.0

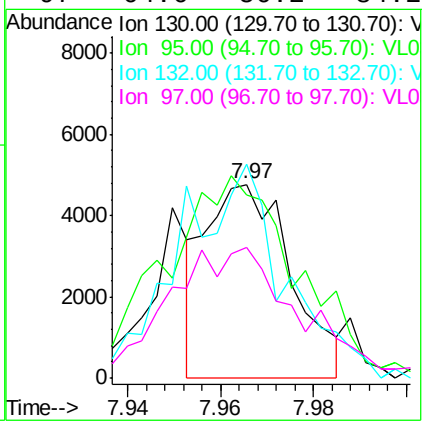


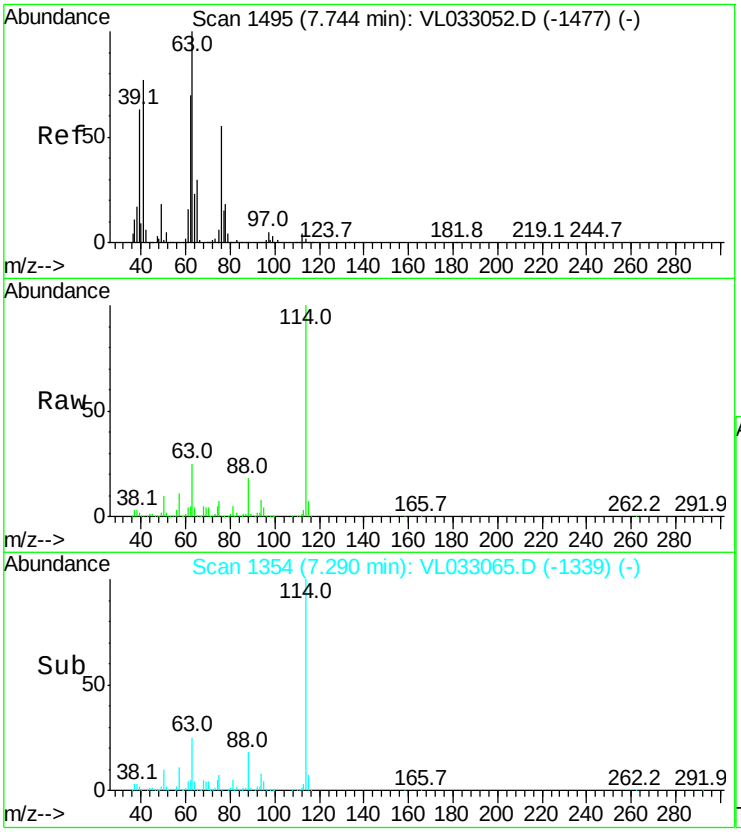


#38
Trichloroethene
Concen: 0.064 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:130 Resp: 6051

Ion	Ratio	Lower	Upper
130	100		
95	63.4	88.6	132.8#
132	109.6	74.2	111.2
97	64.6	56.2	84.2



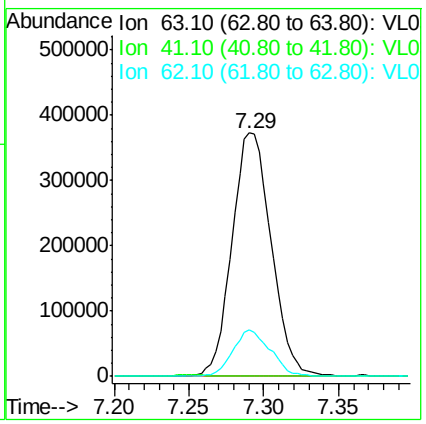


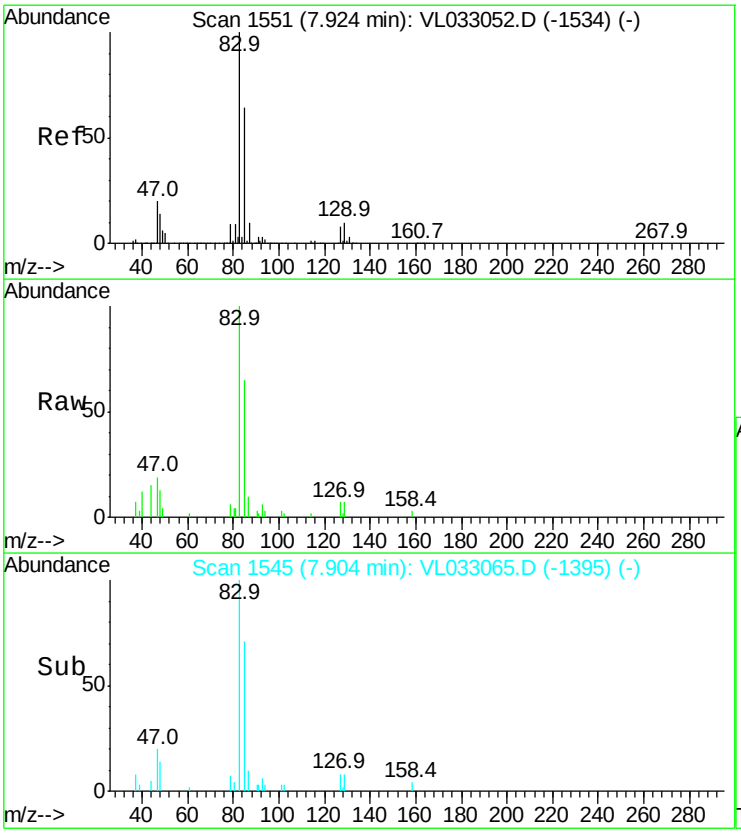
#39
1,2-Dichloropropane
Concen: 7.959 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 679767

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.9	92.9#
62	19.1	55.8	83.6#

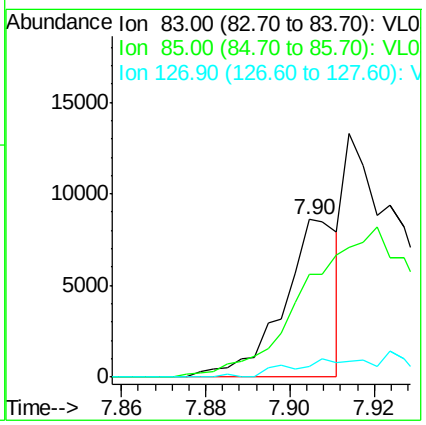


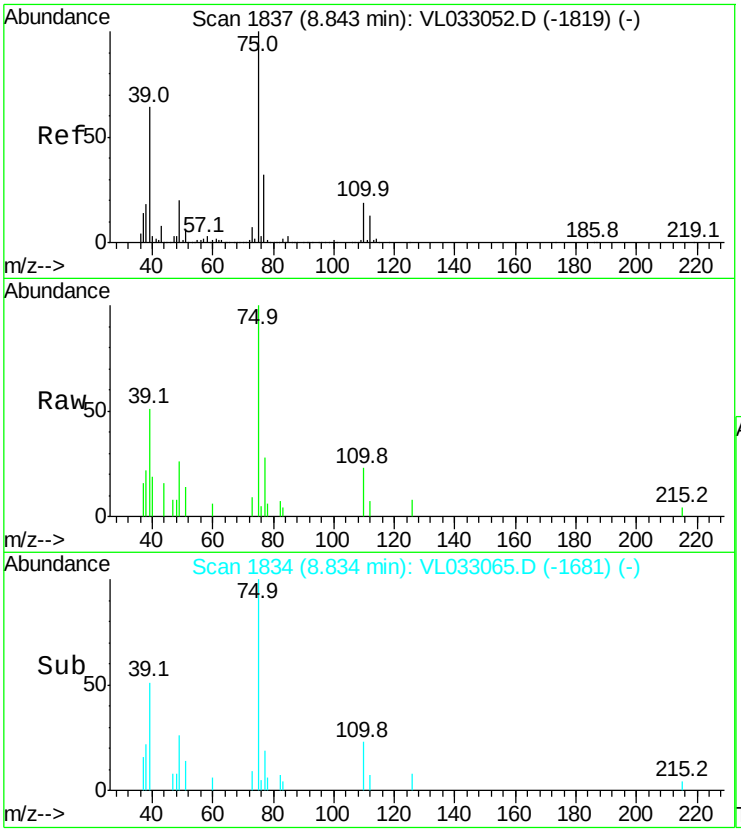


#42
Bromodichloromethane
Concen: 0.035 ppbv
RT: 7.90 min Scan# 1545
Delta R.T. -0.02 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 83 Resp: 7751

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.0	76.4
127	7.1	6.5	9.7



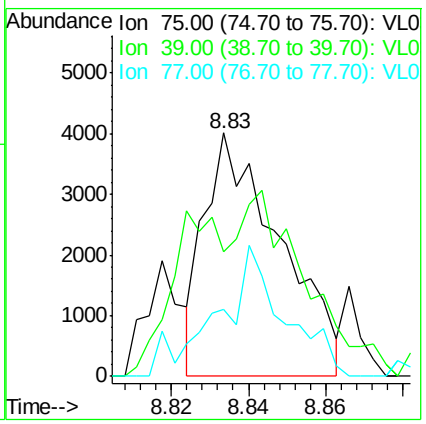


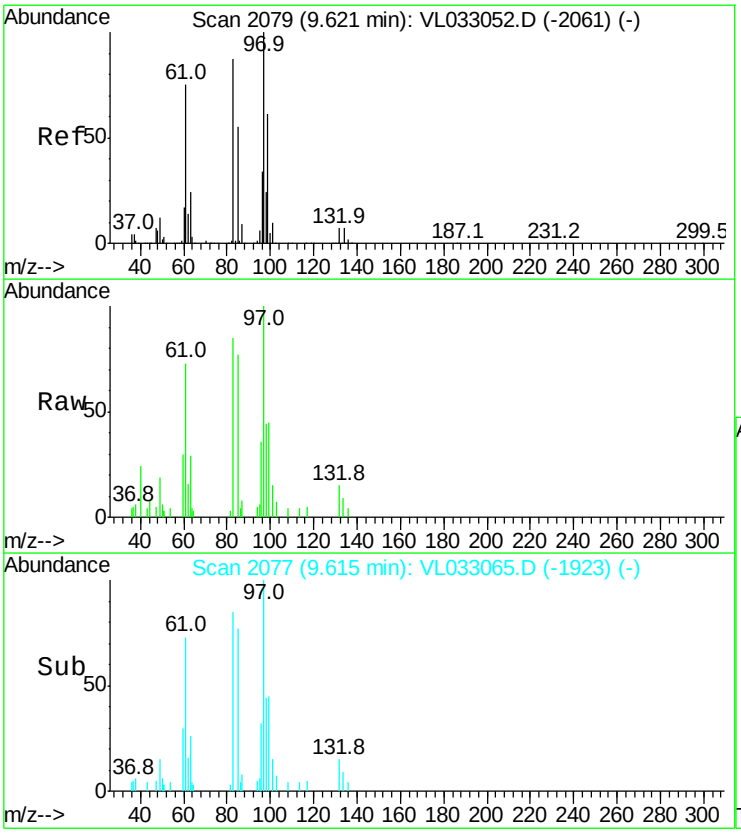
#46
cis-1,3-Dichloropropene
Concen: 0.043 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 5424

Ion	Ratio	Lower	Upper
75	100		
39	36.0	51.3	76.9#
77	27.3	25.5	38.3

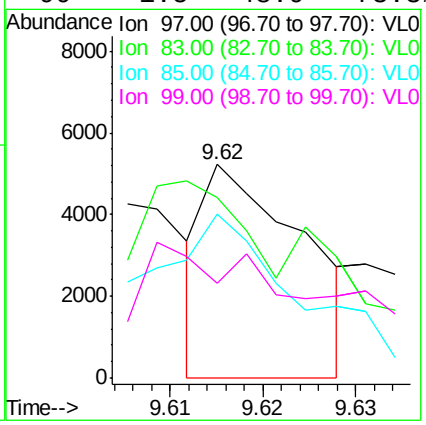


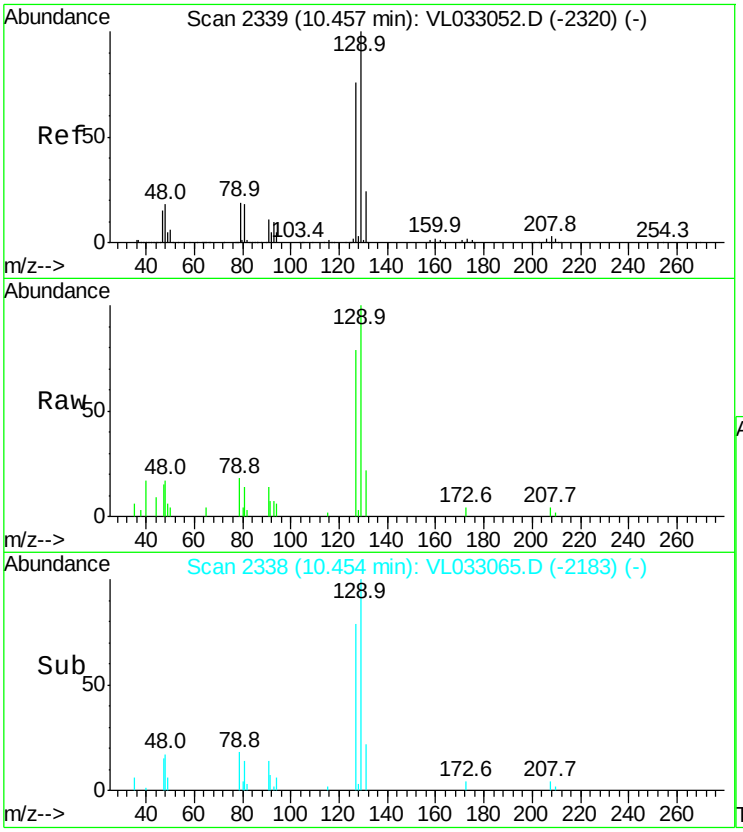


#47
1,1,2-Trichloroethane
Concen: 0.037 ppbv
RT: 9.62 min Scan# 2077
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 97 Resp: 3834

Ion	Ratio	Lower	Upper
97	100		
83	58.0	69.4	104.2#
85	90.5	44.2	66.2#
99	1.5	48.9	73.3#



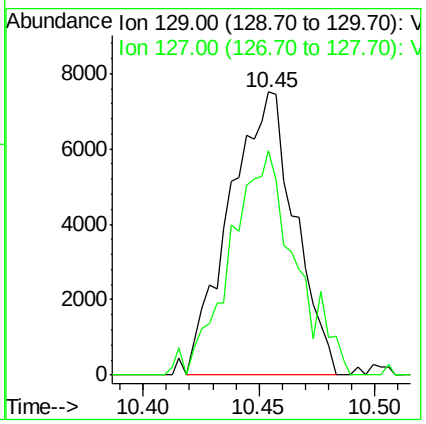


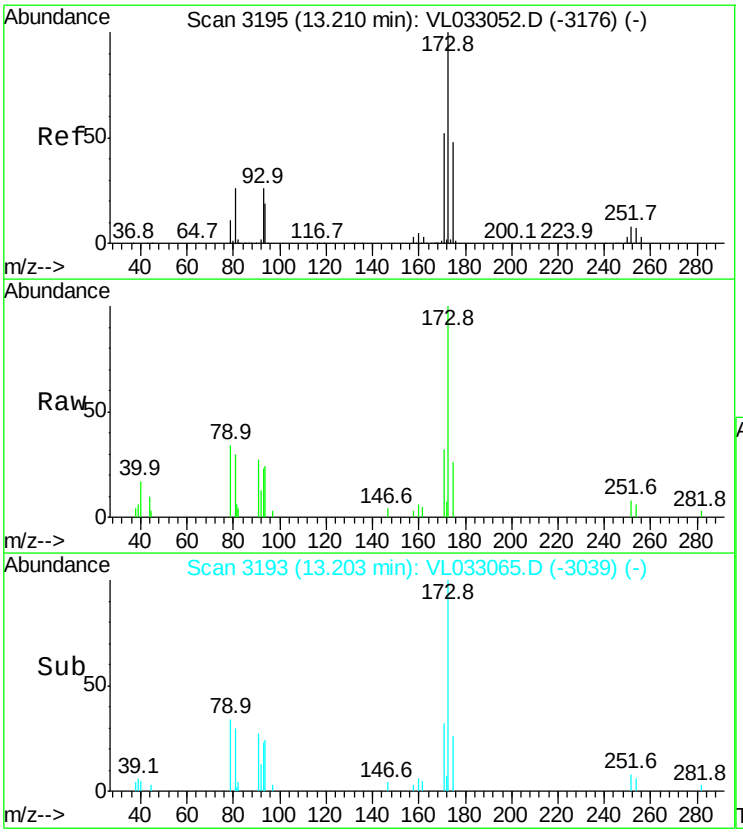
#48
Dibromochloromethane
Concen: 0.086 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 14724

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.3

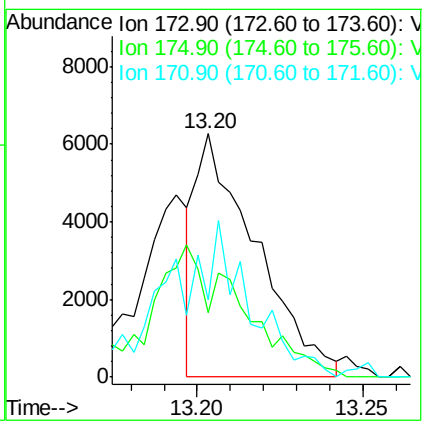


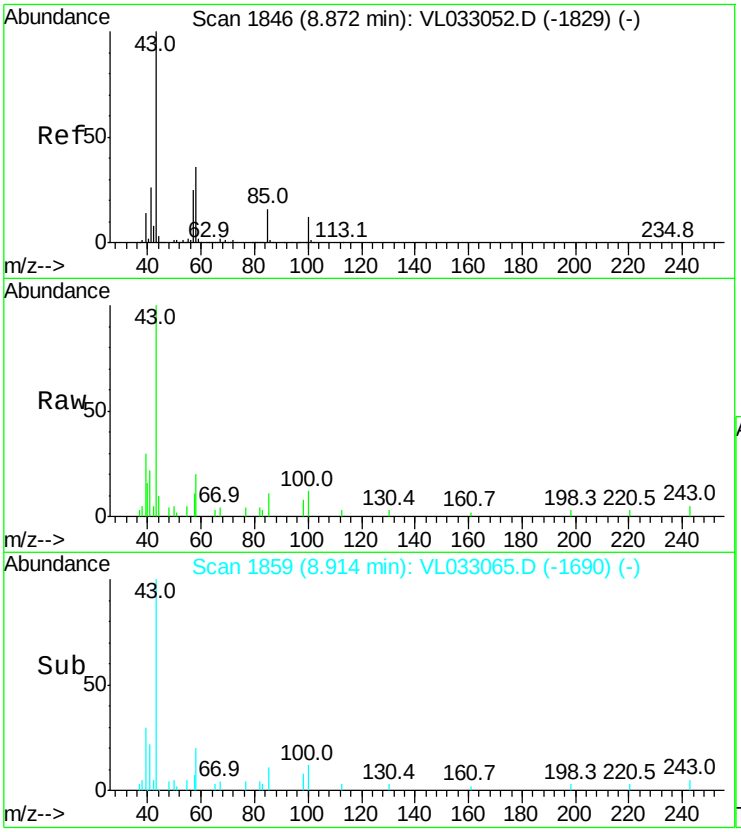


#49
Bromoform
Concen: 0.050 ppbv
RT: 13.20 min Scan# 3193
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:173 Resp: 7887

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.4	59.2#
171	87.0	42.1	63.1#



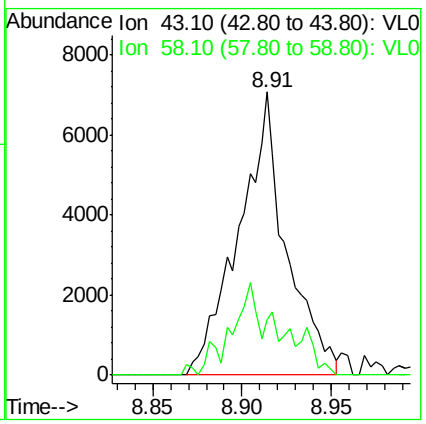


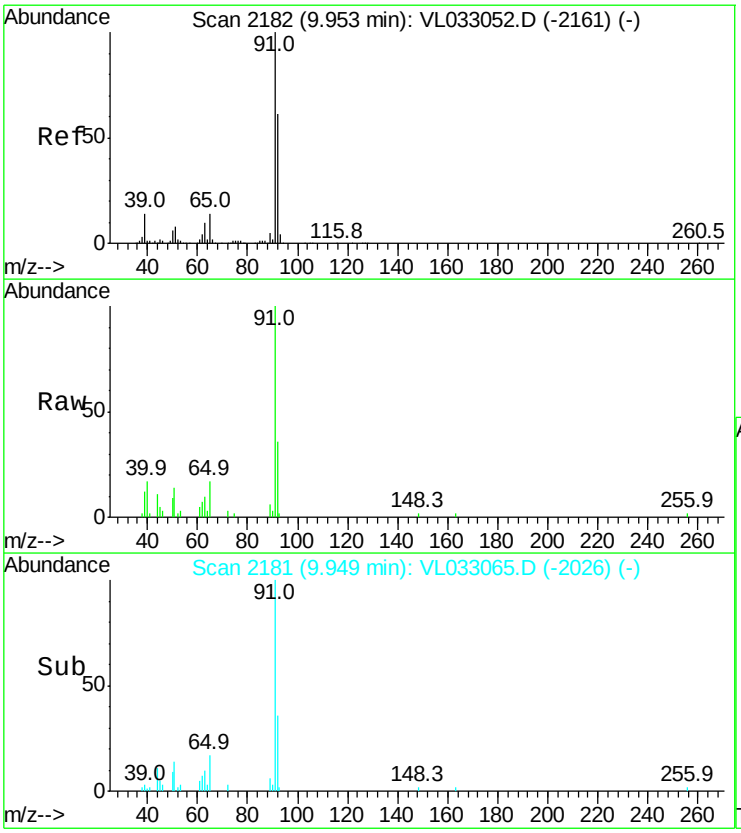
#50
4-Methyl-2-Pentanone
Concen: 0.060 ppbv
RT: 8.91 min Scan# 1859
Delta R.T. 0.04 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 13126

Ion	Ratio	Lower	Upper
43	100		
58	33.5	28.9	43.3

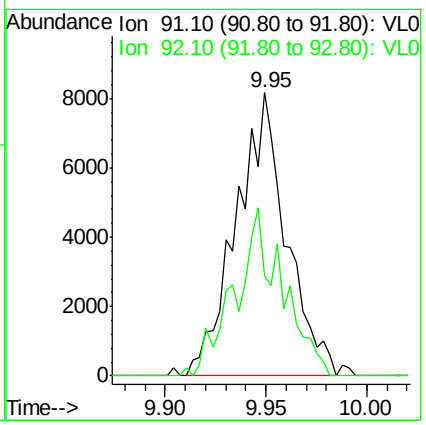


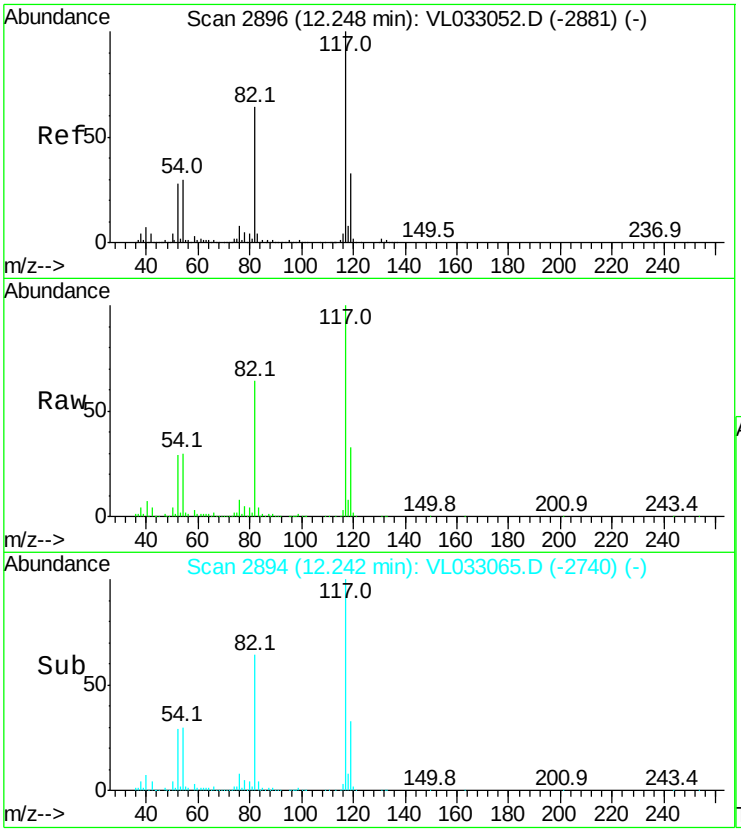


#53
Toluene
Concen: 0.061 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 91 Resp: 14183

Ion	Ratio	Lower	Upper
91	100		
92	56.0	47.7	71.5



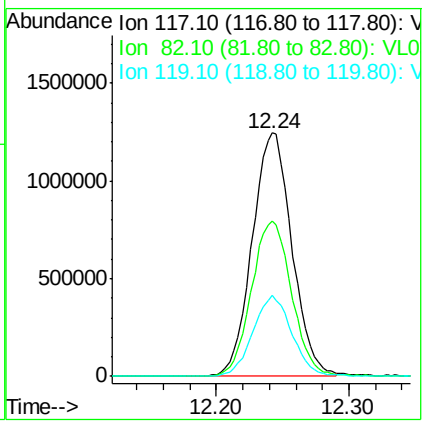


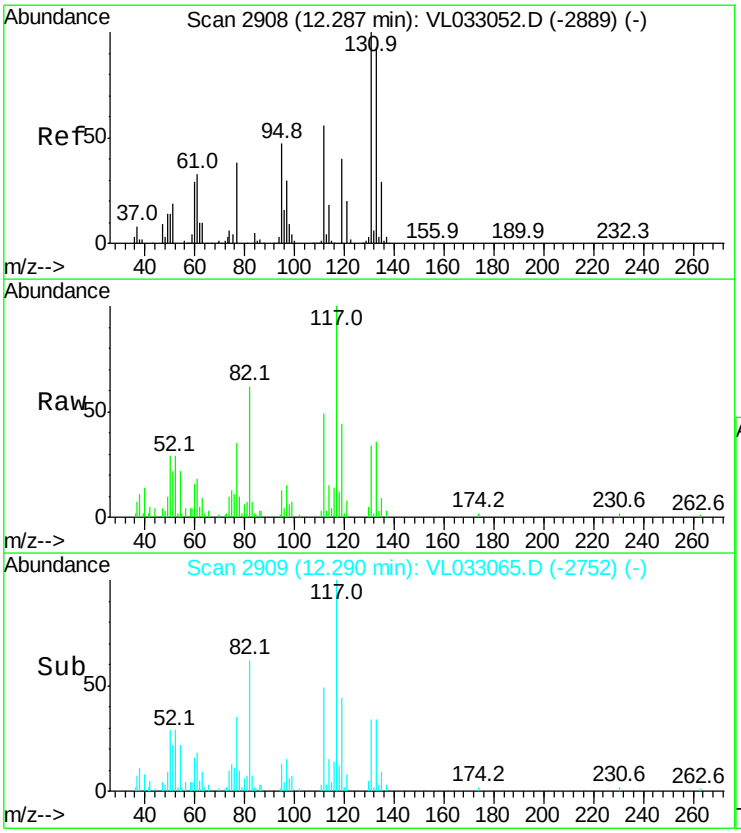
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 2604219

Ion	Ratio	Lower	Upper
117	100		
82	65.1	48.9	73.3
119	32.8	24.6	37.0

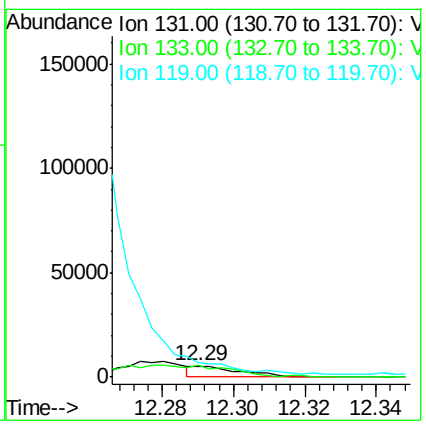


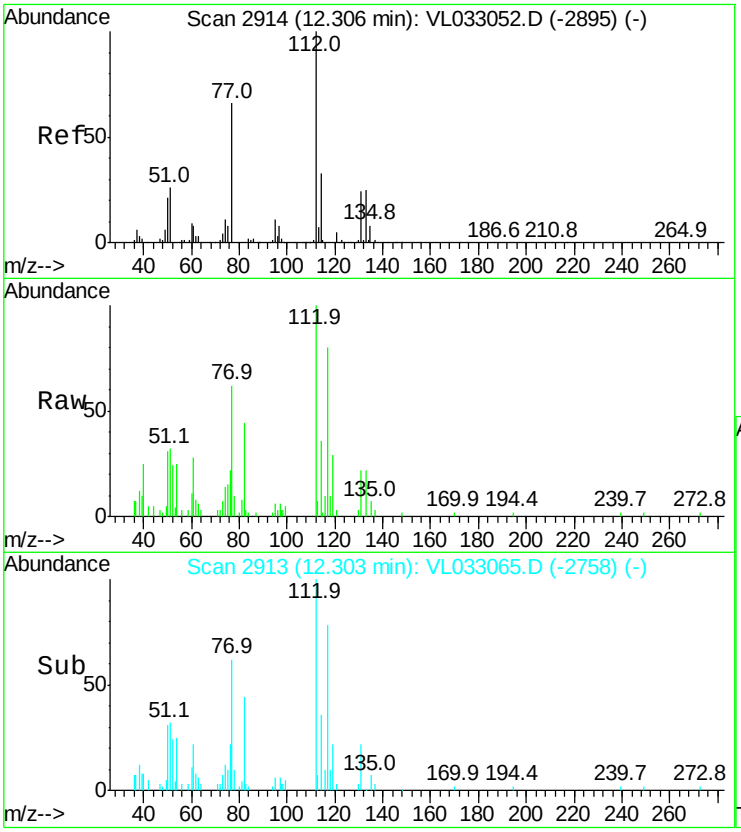


#56
1,1,1,2-Tetrachloroethane
Concen: 0.036 ppbv
RT: 12.29 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:131 Resp: 4754

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.0	114.0#
119	0.0	44.2	66.2#



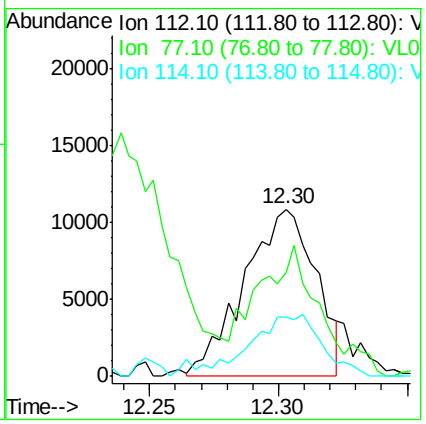


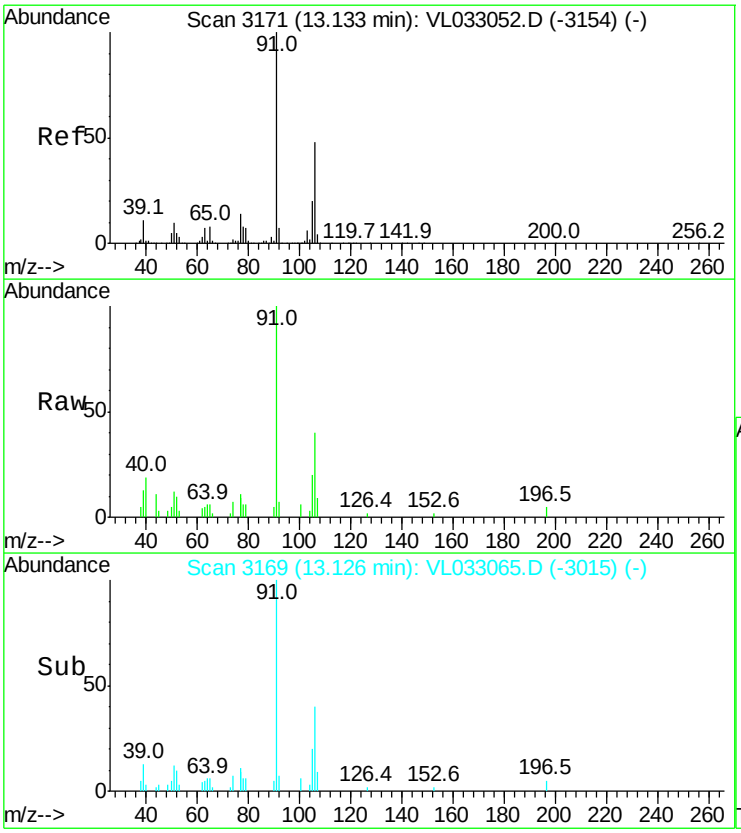
#57
Chlorobenzene
Concen: 0.100 ppbv
RT: 12.30 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 21051

Ion	Ratio	Lower	Upper
112	100		
77	42.7	53.4	80.0#
114	30.2	30.0	36.6

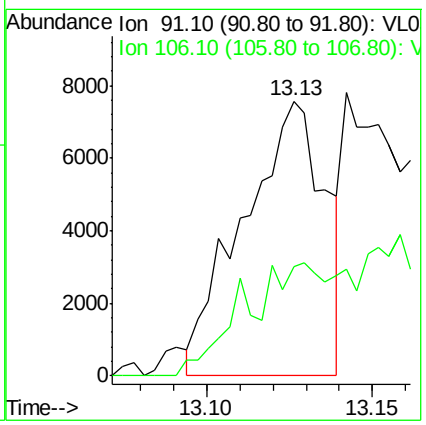


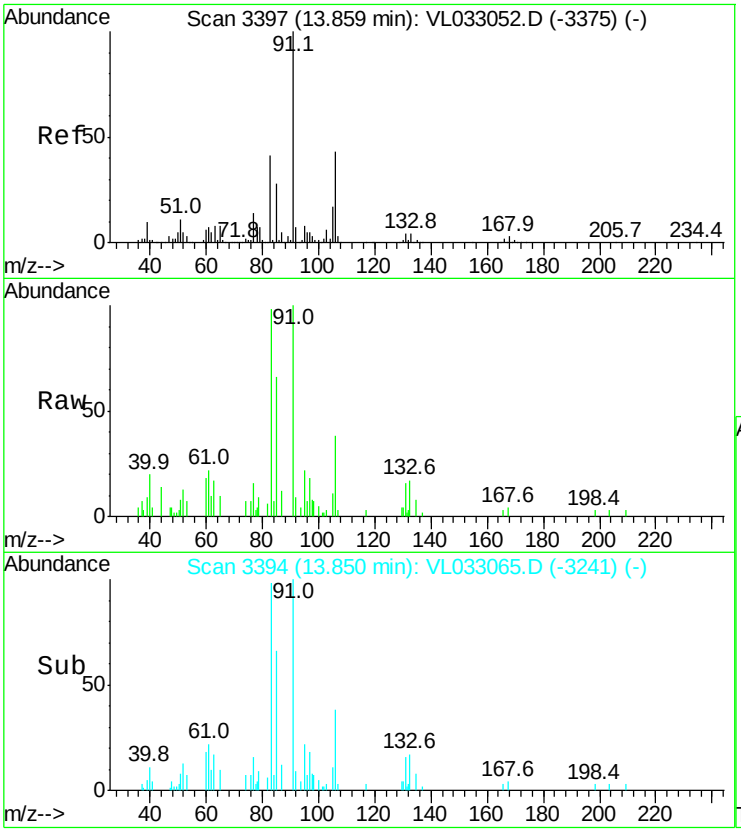


#59
m/p-Xylene
Concen: 0.044 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 91 Resp: 12962

Ion	Ratio	Lower	Upper
91	100		
106	51.9	0.0	0.0#



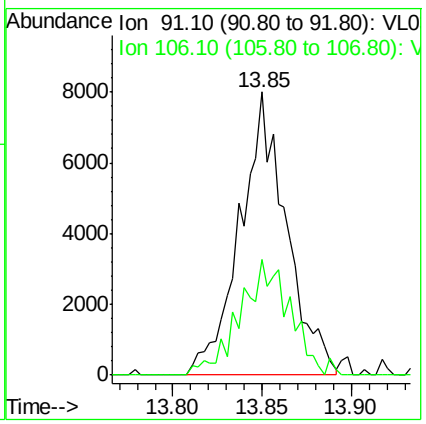


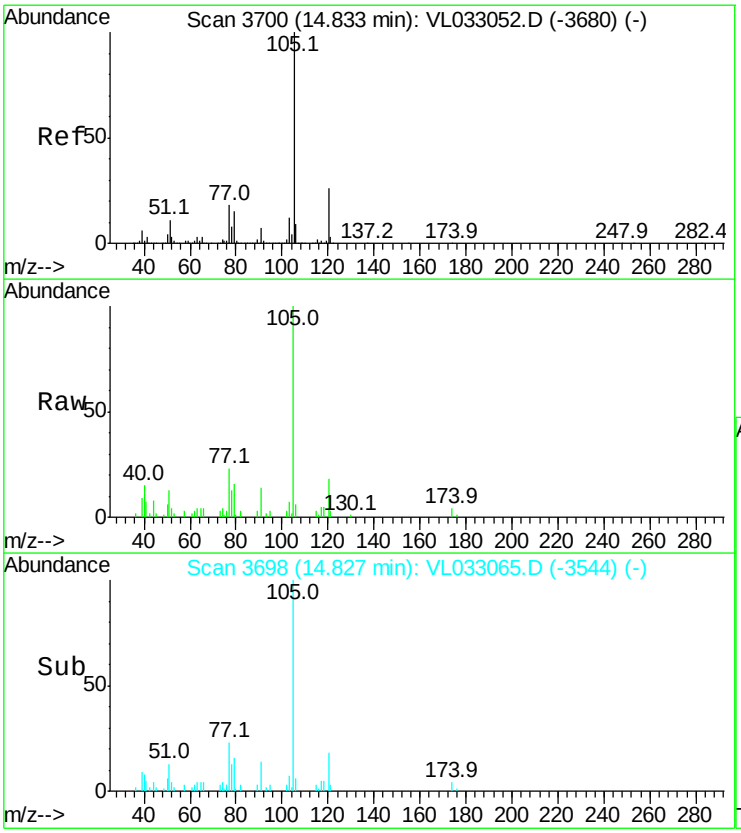
#60
o-Xylene
Concen: 0.050 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 14479

Ion	Ratio	Lower	Upper
91	100		
106	44.2	22.1	66.5

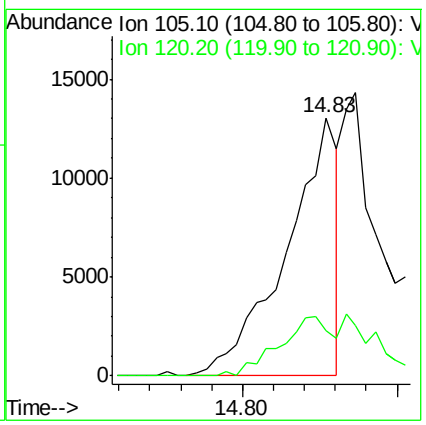


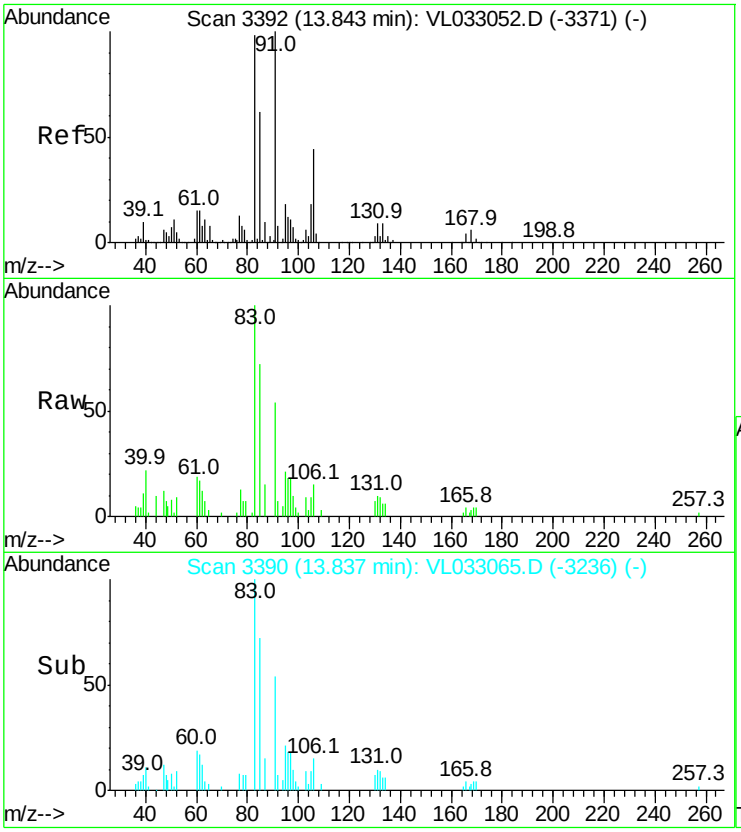


#62
Isopropylbenzene
Concen: 0.036 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:105 Resp: 14904

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.4	30.6#



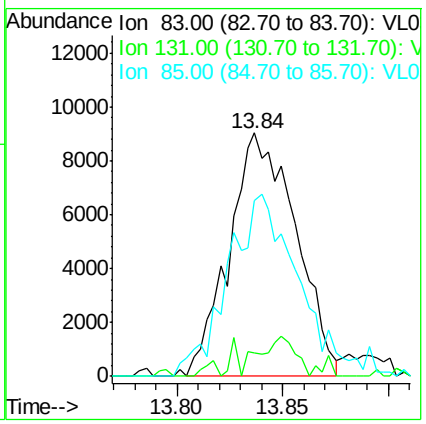


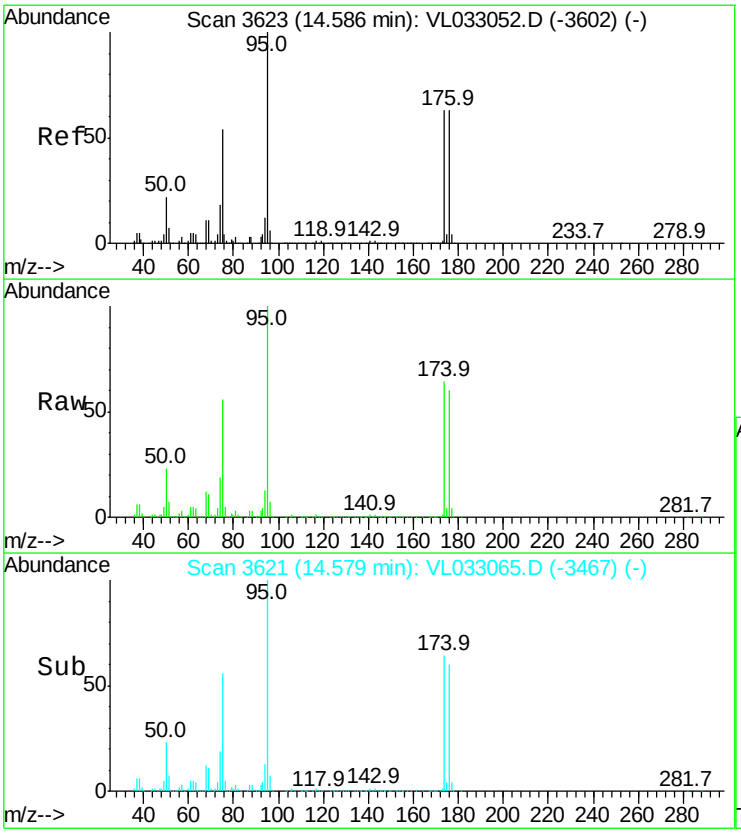
#63
1,1,2,2-Tetrachloroethane
Concen: 0.087 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 19792

Ion	Ratio	Lower	Upper
83	100		
131	12.9	4.8	14.4
85	80.0	32.6	97.8

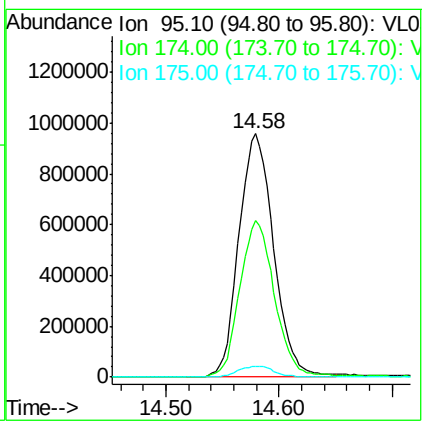


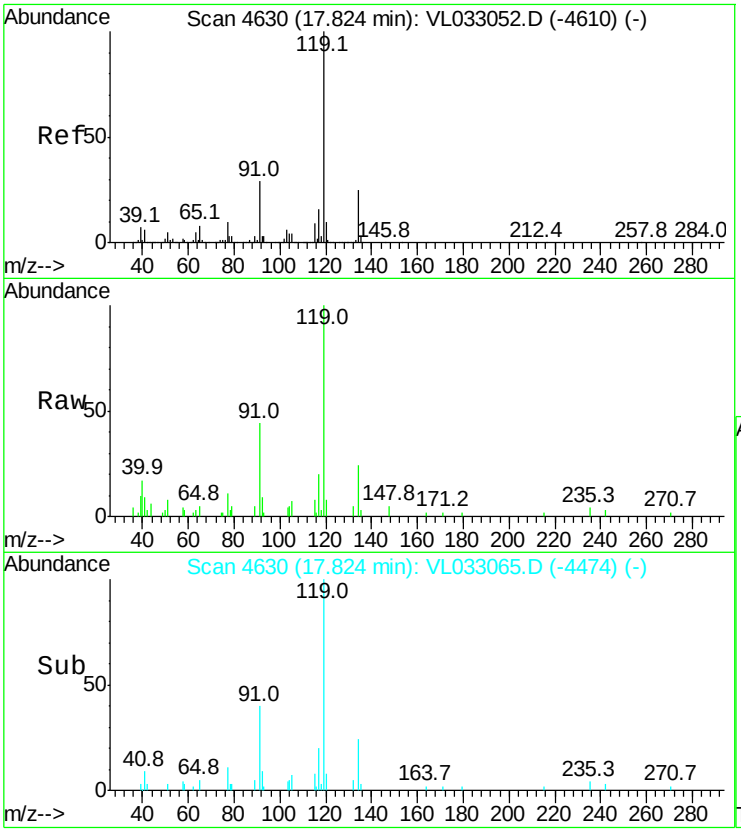


#68
1-Bromo-4-Fluorobenzene
Concen: 10.571 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion: 95 Resp: 2053363

Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.9	77.9
175	4.7	3.9	5.9



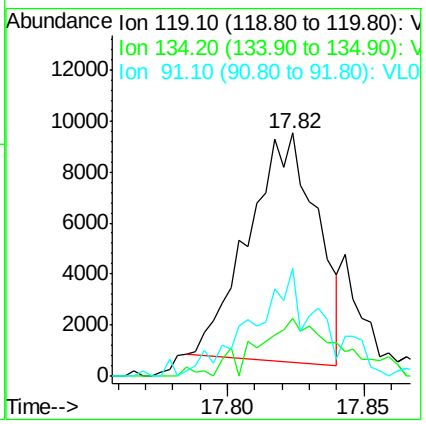


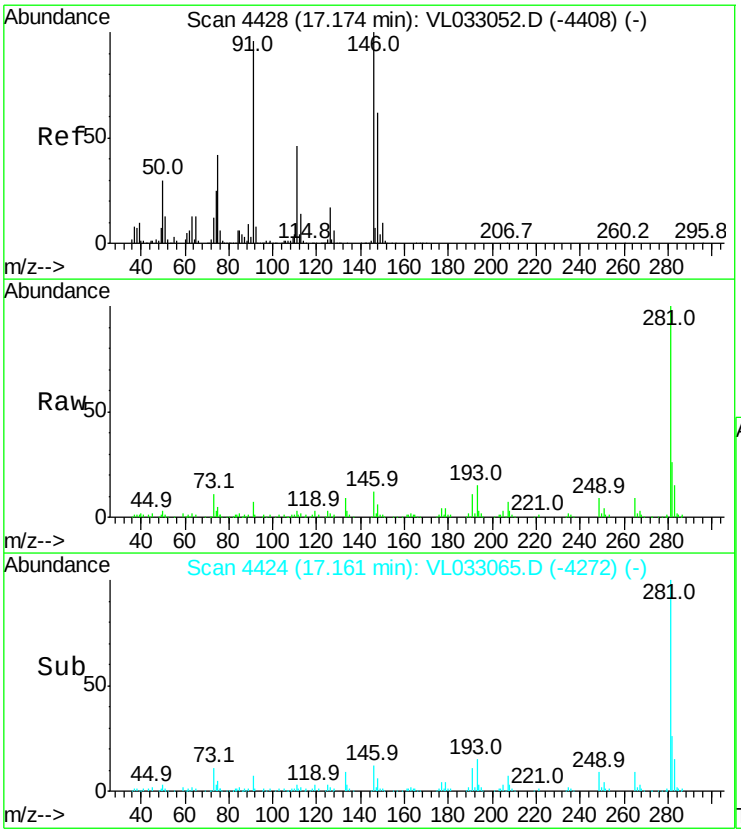
#69
p-Isopropyltoluene
Concen: 0.037 ppbv
RT: 17.82 min Scan# 4630
Delta R.T. 0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 15625

Ion	Ratio	Lower	Upper
119	100		
134	31.3	20.1	30.1#
91	49.4	23.0	34.4#

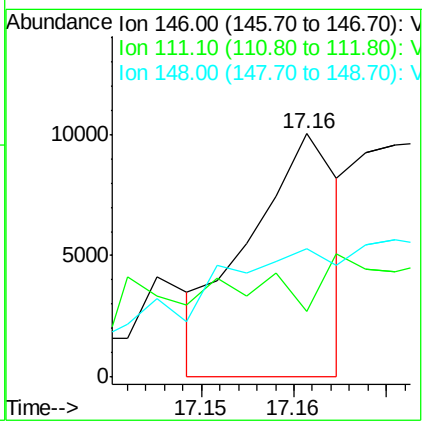


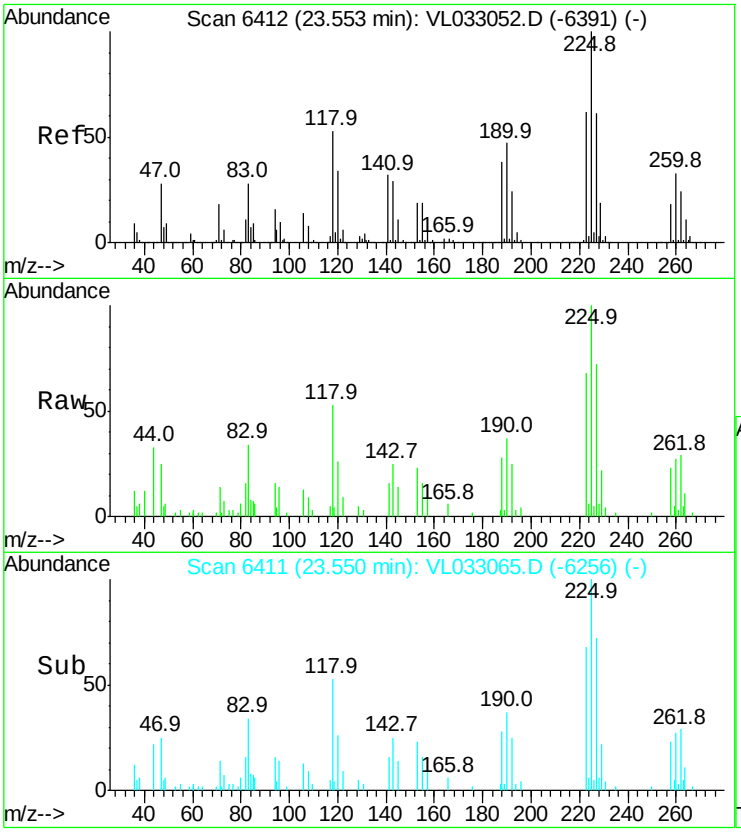


#75
1,3-Dichlorobenzene
Concen: 0.033 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Tgt Ion:146 Resp: 6754

Ion	Ratio	Lower	Upper
146	100		
111	184.7	23.4	70.2#
148	0.0	32.1	96.3#





#78
Hexachloro-1,3-Butadiene
Concen: 0.091 ppbv
RT: 23.55 min Scan# 6411
Delta R.T. -0.00 min
Lab File: VL033065.D
Acq: 4 Jan 2019 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 11945

Ion	Ratio	Lower	Upper
225	100		
223	105.3	51.0	76.6#
227	99.0	51.0	76.4#