Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

Quantitation Report (Not Reviewed)

Data File : VL033118.D
Acq On : 28 Jan 2019 18:13
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 28 19:42:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 16:32:44 2019
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1137162	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	3775443	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	3670850	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	2802664	9.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	33025	0.156	ppbv		90
3) Chlorodifluoromethane	3.01	51	18122	0.141	ppbv		94
4) Chloromethane	3.17	50	9871	0.134	ppbv		91
5) Vinyl Chloride	3.29	62	9121	0.122	ppbv		99
6) Bromomethane	3.52	94	6935	0.137	ppbv	#	76
7) Chloroethane	3.59	64	1701	0.058	ppbv	#	59
8) Dichlorotetrafluoroethane	3.22	85	26112	0.143	ppbv		97
9) Propene	3.03	41	5196	0.108	ppbv	#	74
11) Trichlorofluoromethane	4.00	101	28520	0.122	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.55	101	13752	0.093	ppbv	#	65
13) Ethanol	3.66	45	3265	0.170	ppbv	#	48
14) Bromoethene	3.79	108	2693	0.041	ppbv	#	1
15) Acetone	3.92	43	28307	0.180	ppbv		90
16) 1,3-Butadiene	3.36	39	3497	0.059	ppbv	#	11
18) 1,1-Dichloroethene	4.35	96	6741	0.099	ppbv	#	86
19) Isopropyl Alcohol	4.05	45	14738	0.136	ppbv	#	94
20) Methylene Chloride	4.40	84	16979	0.259	ppbv		89
21) Allyl Chloride	4.48	41	12448	0.128	ppbv		93
22) trans-1,2-Dichloroethene	4.96	96	8648	0.128	ppbv		86
23) Vinyl Acetate	5.16	43	18126	0.091	ppbv	#	83
24) 1,1-Dichloroethane	5.09	63	10124	0.060	ppbv	#	92
25) Ethyl Acetate	5.78	43	28679	0.108	ppbv	#	95
26) Hexane	5.78	57	14658	0.117	ppbv		95
27) Carbon Disulfide	4.62	76	9021	0.058	ppbv	#	1
28) Methyl tert-Butyl Ether	5.13	73	12004	0.061	ppbv	#	74
29) Chloroform	5.84	83	26007	0.122	ppbv		97
31) cis-1,2-Dichloroethene	5.64	61	8655	0.074	ppbv	#	92
32) 1,1,1-Trichloroethane	6.62	97	34176	0.158	ppbv		94
34) 2-Butanone	5.35	43	15373	0.070	ppbv		96
35) Carbon Tetrachloride	7.13	117	22237	0.069	ppbv		95
36) Benzene	7.00	78	18817	0.061	ppbv	#	93
37) 1,2-Dichloroethane	6.41	62	24506	0.113	ppbv	#	96
38) Trichloroethene	7.95	130	7320	0.058	ppbv	#	55
39) 1,2-Dichloropropane	7.28	63	929391	7.999	ppbv	#	25
42) Bromodichloromethane	7.91	83	30045	0.101	ppbv		92
44) 2,2,4-Trimethylpentane	7.99	57	27593	0.053	ppbv	#	69
45) t-1,3-Dichloropropene	9.41	75	5078	0.035	ppbv	#	89
47) 1,1,2-Trichloroethane	9.60	97	4289	0.032	ppbv	#	80
48) Dibromochloromethane	10.44	129	9949	0.041	ppbv	#	30
49) Bromoform	13.19	173	12191	0.058	ppbv	#	27
54) 1,2-Dibromoethane	10.76	107	11661	0.060	ppbv		91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

Quantitation Report (Not Reviewed)

Data File : VL033118.D
Acq On : 28 Jan 2019 18:13
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 28 19:42:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 16:32:44 2019
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	12.27	131	12777	0.067	ppbv	#	30
57) Chlorobenzene	12.29	112	26377	0.086	ppbv	#	46
60) o-Xylene	13.85	91	13671	0.033	ppbv		73
61) Styrene	13.68	104	8980	0.034	ppbv	#	56
62) Isopropylbenzene	14.82	105	18725	0.031	ppbv	#	34
63) 1,1,2,2-Tetrachloroethane	13.83	83	31440	0.101	ppbv		98
66) Benzyl Chloride	17.15	91	11016	0.037	ppbv	#	65
71) 2-Chlorotoluene	15.61	91	14506	0.034	ppbv	#	44
75) 1,3-Dichlorobenzene	17.16	146	13031	0.044	ppbv	#	1
76) 1,4-Dichlorobenzene	17.31	146	10889	0.040	ppbv	#	15
77) 1,2-Dichlorobenzene	17.97	146	8758	0.033	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.54	225	12740	0.062	ppbv	#	47

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

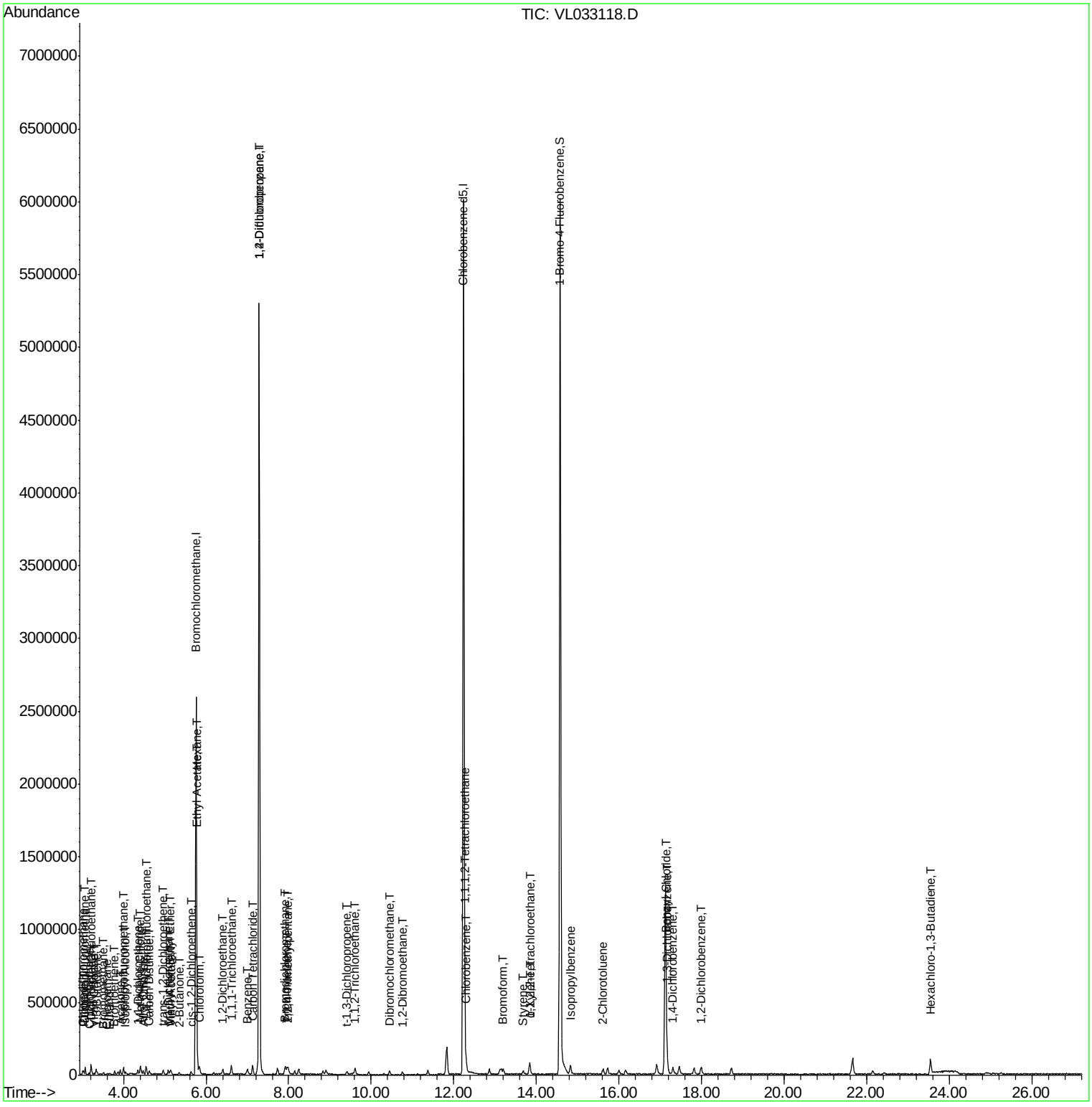
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012819\

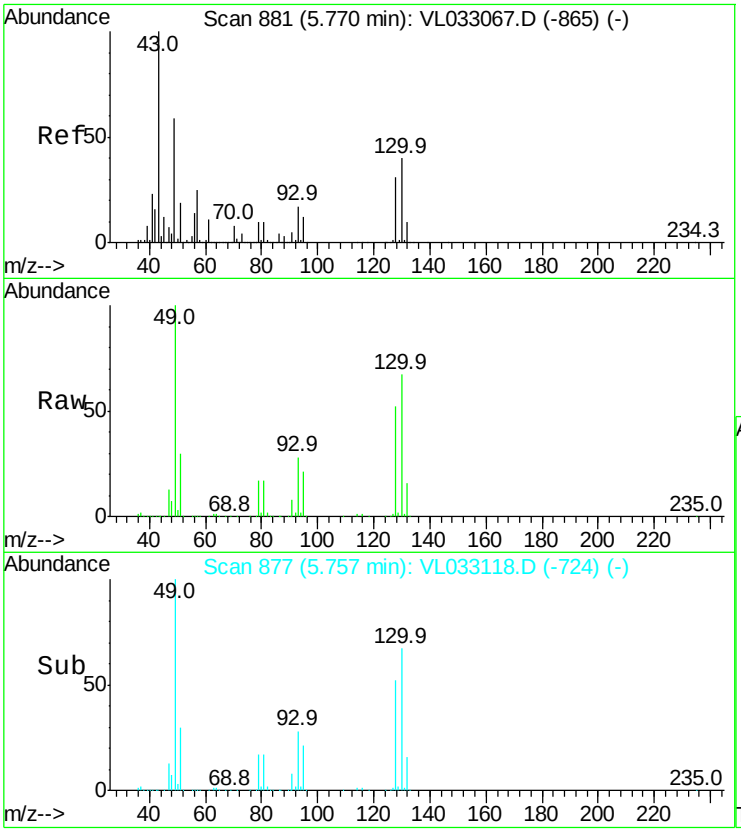
Quantitation Report (Not Reviewed)

Data File : VL033118.D
Acq On : 28 Jan 2019 18:13
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 28 19:42:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 28 16:32:44 2019
QLast Update : Mon Jan 28 16:32:44 2019
Response via : Initial Calibration



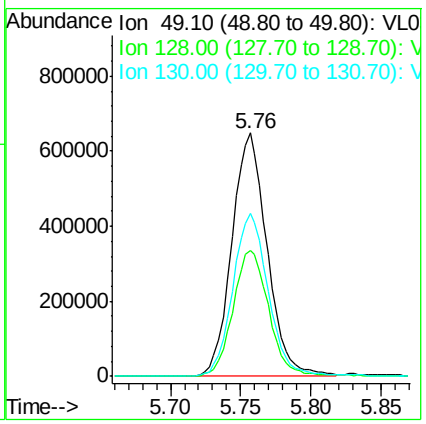


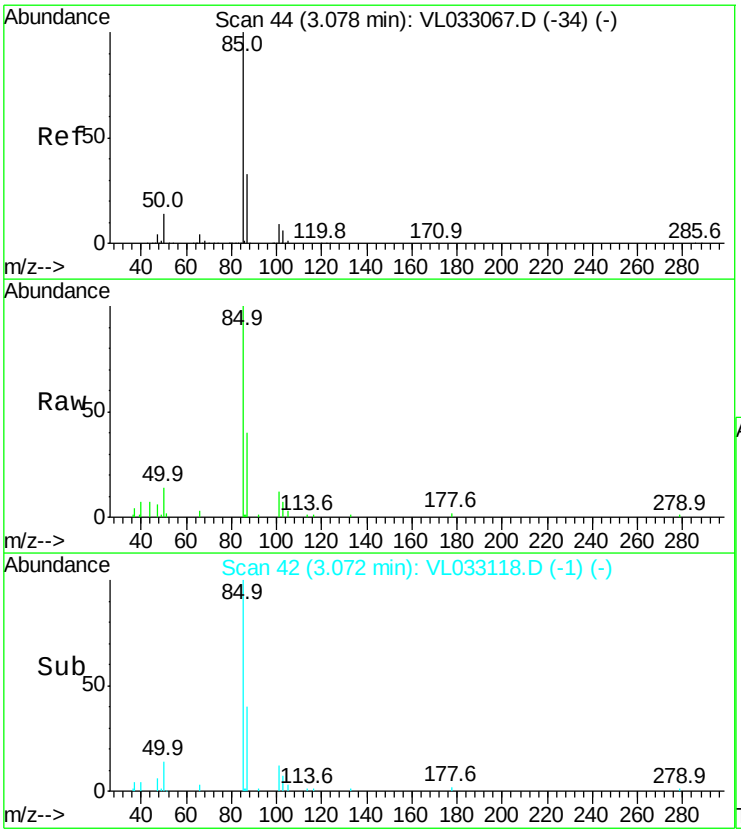
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1137162

Ion	Ratio	Lower	Upper
49	100		
128	53.0	25.9	77.7
130	68.5	32.9	98.7

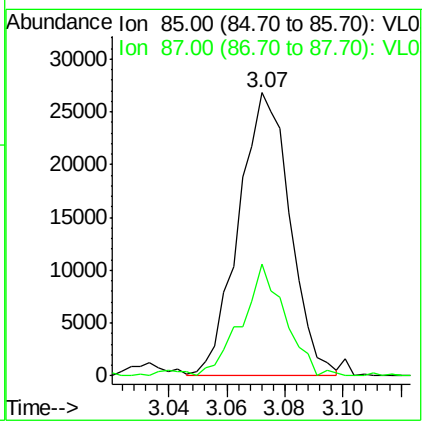


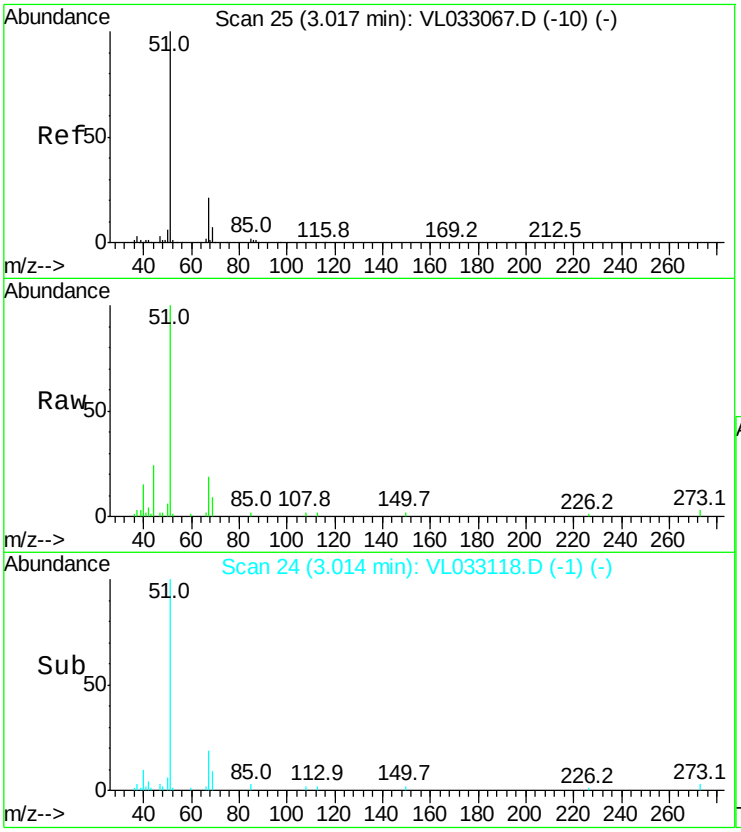


#2
Dichlorodifluoromethane
Concen: 0.156 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 85 Resp: 33025

Ion	Ratio	Lower	Upper
85	100		
87	38.8	26.4	39.6



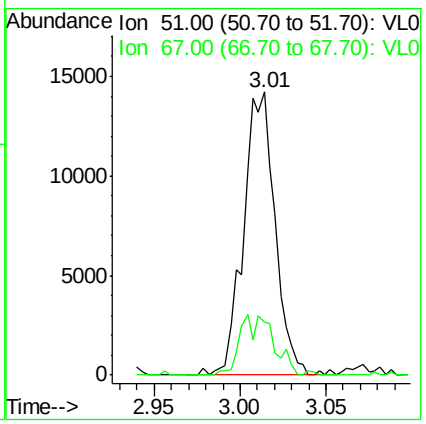


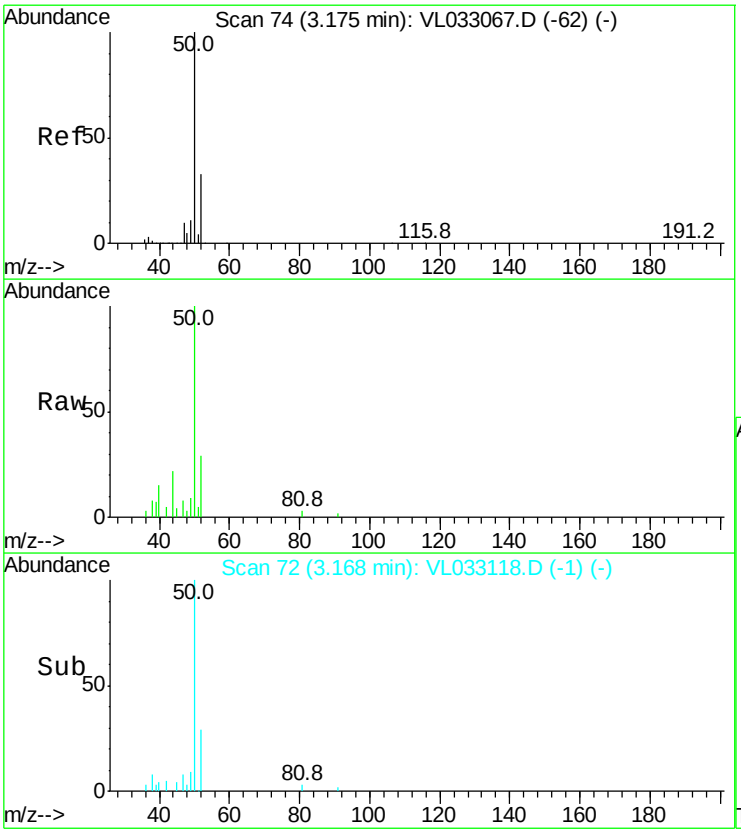
#3
Chlorodifluoromethane
Concen: 0.141 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 18122

Ion	Ratio	Lower	Upper
51	100		
67	22.9	16.2	24.2

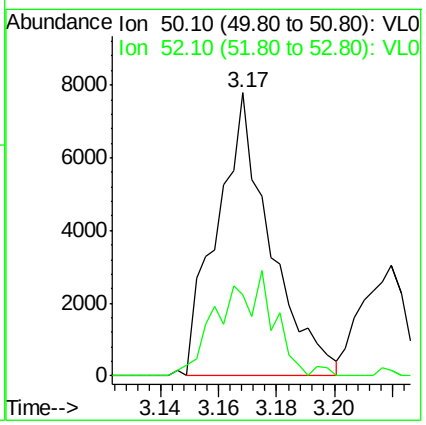


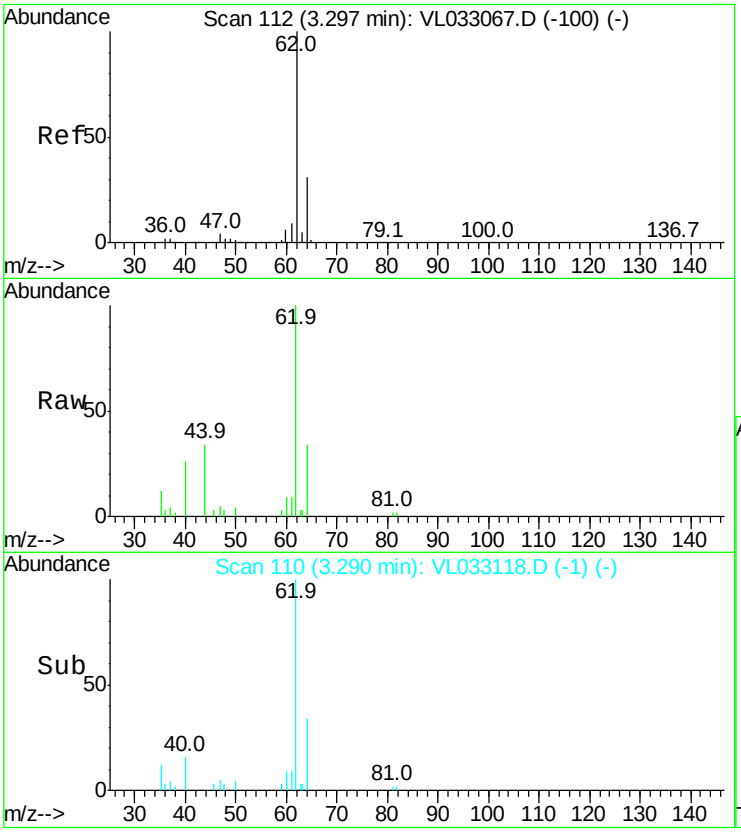


#4
Chloromethane
Concen: 0.134 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 50 Resp: 9871

Ion	Ratio	Lower	Upper
50	100		
52	28.7	27.0	40.4



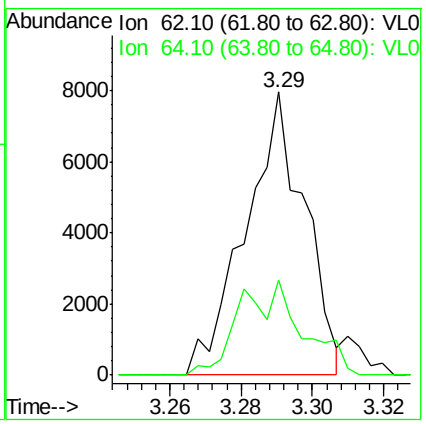


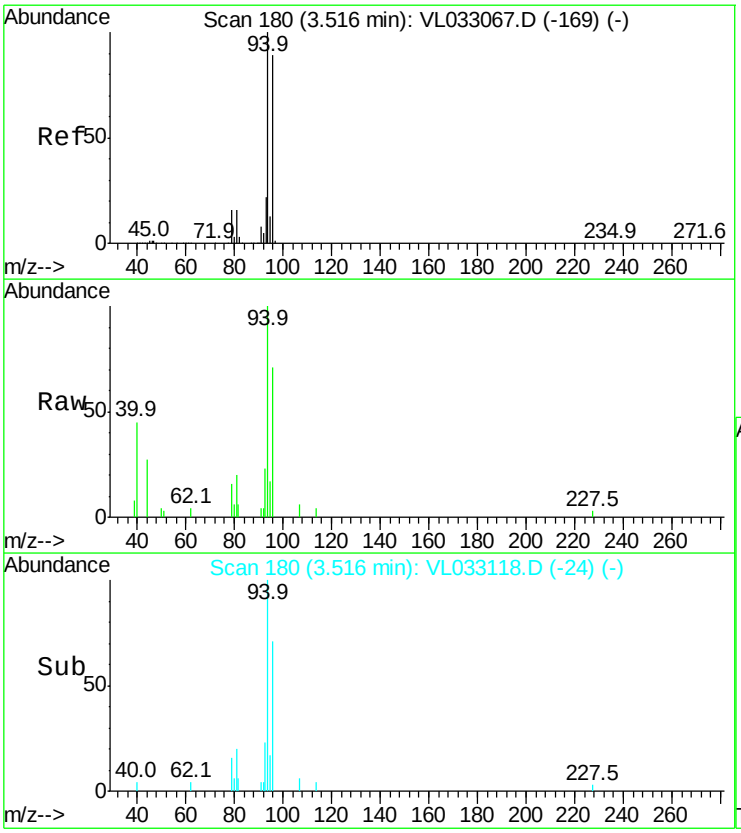
#5
Vinyl Chloride
Concen: 0.122 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 62 Resp: 9121

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.7	38.5

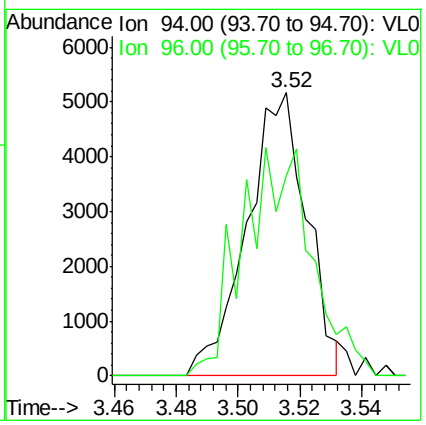


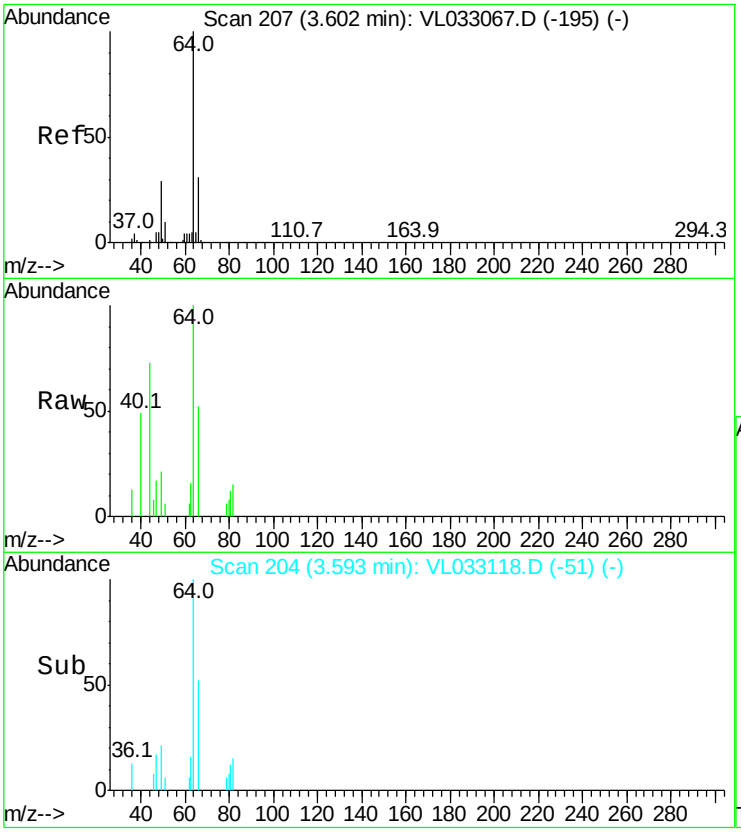


#6
Bromomethane
Concen: 0.137 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 94 Resp: 6935

Ion	Ratio	Lower	Upper
94	100		
96	70.9	75.4	113.2#



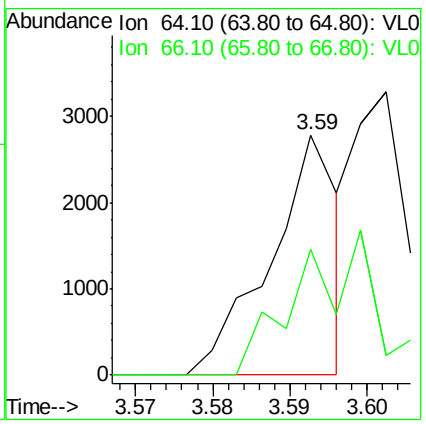


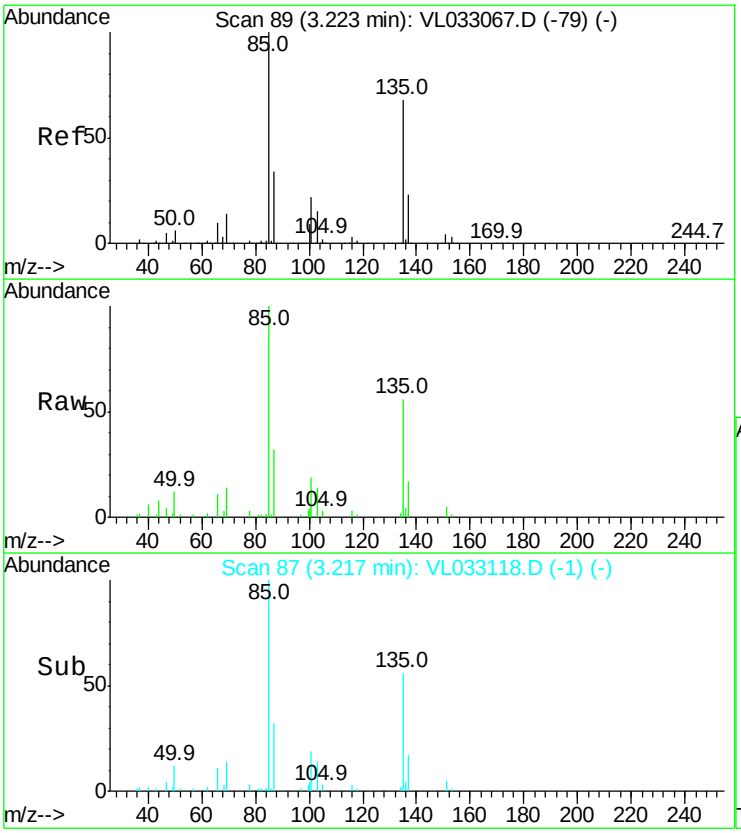
#7
Chloroethane
Concen: 0.058 ppbv
RT: 3.59 min Scan# 204
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 1701

Ion	Ratio	Lower	Upper
64	100		
66	52.3	24.0	36.0#

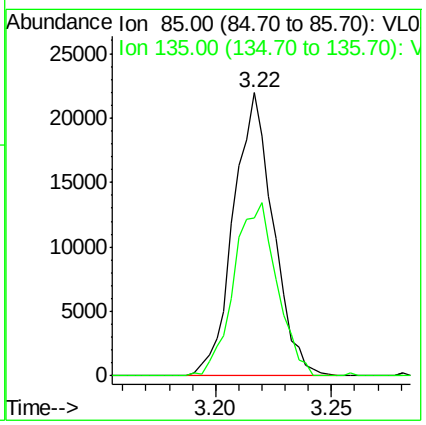


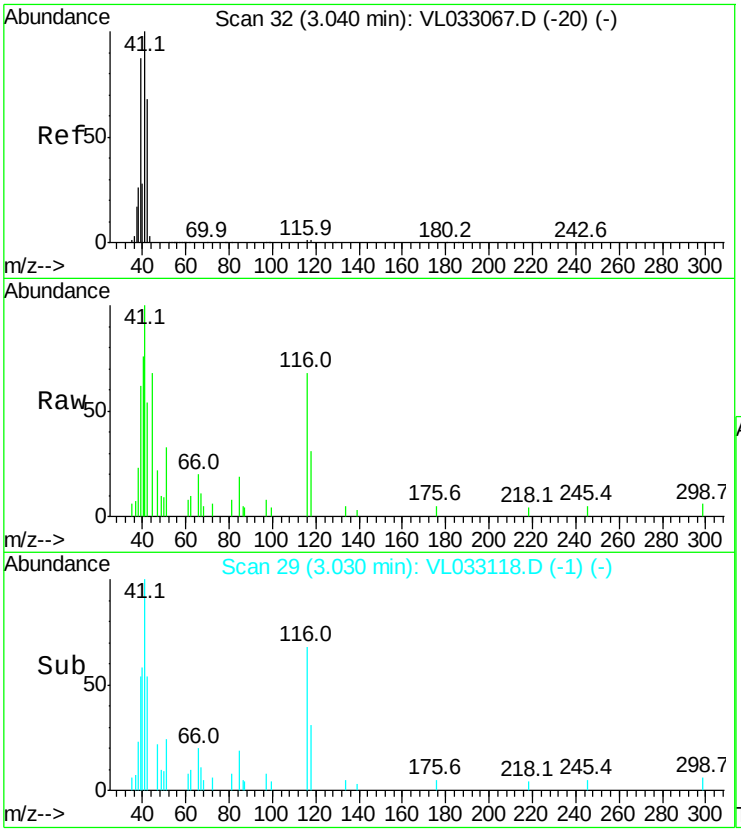


#8
Dichlorotetrafluoroethane
Concen: 0.143 ppbv
RT: 3.22 min Scan# 87
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 85 Resp: 26112

Ion	Ratio	Lower	Upper
85	100		
135	66.4	54.8	82.2



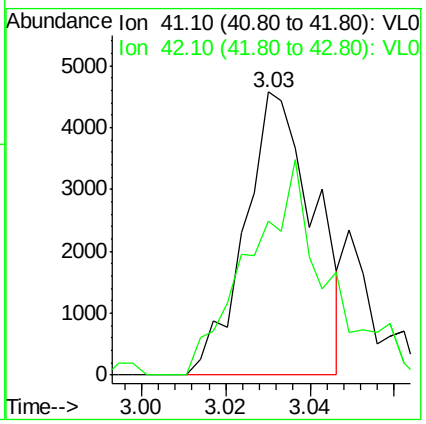


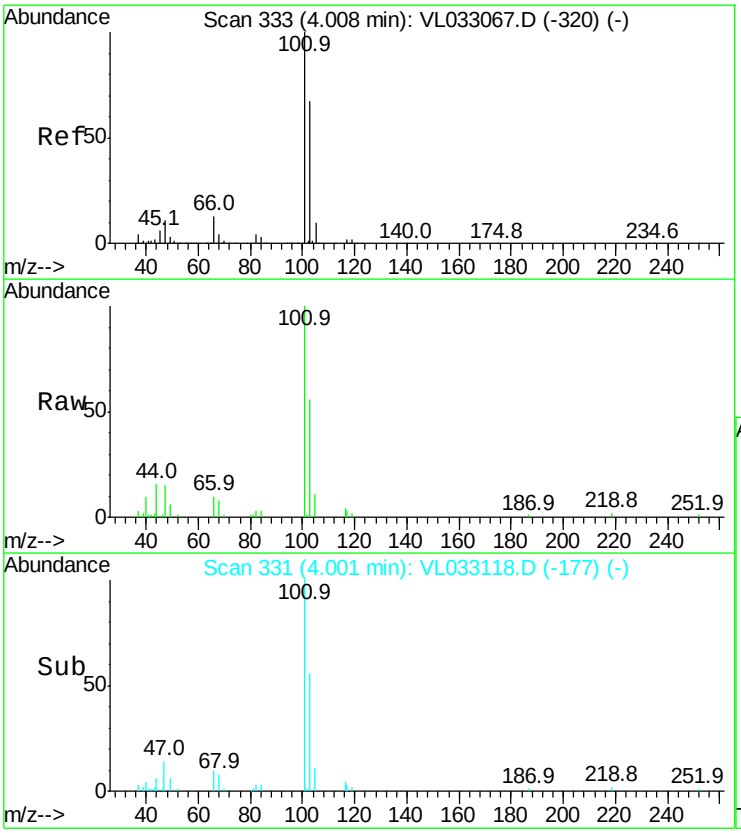
#9
Propene
Concen: 0.108 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 5196

Ion	Ratio	Lower	Upper
41	100		
42	89.4	54.6	82.0#

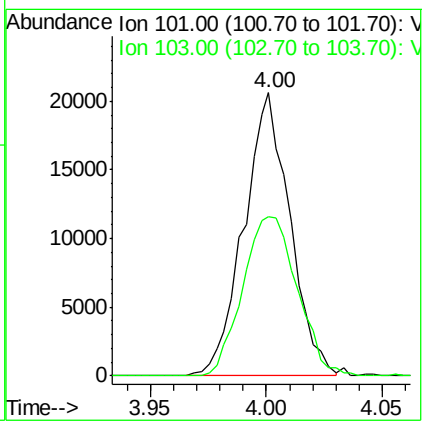


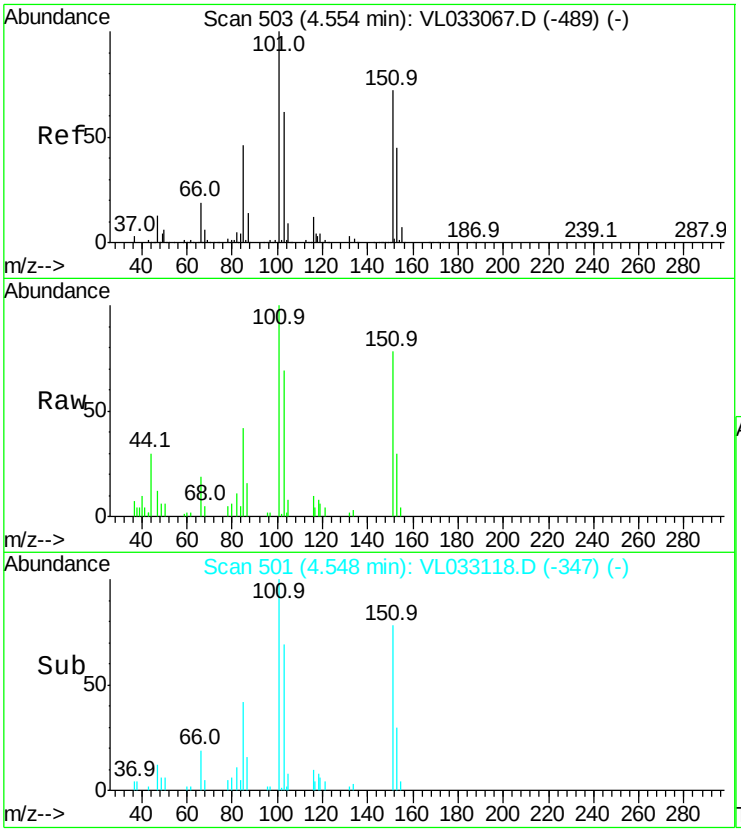


#11
Trichlorofluoromethane
Concen: 0.122 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:101 Resp: 28520

Ion	Ratio	Lower	Upper
101	100		
103	56.2	49.4	74.0



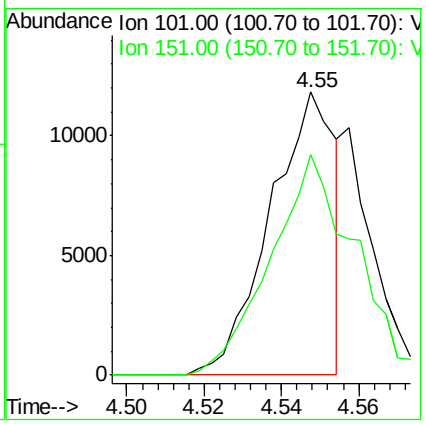


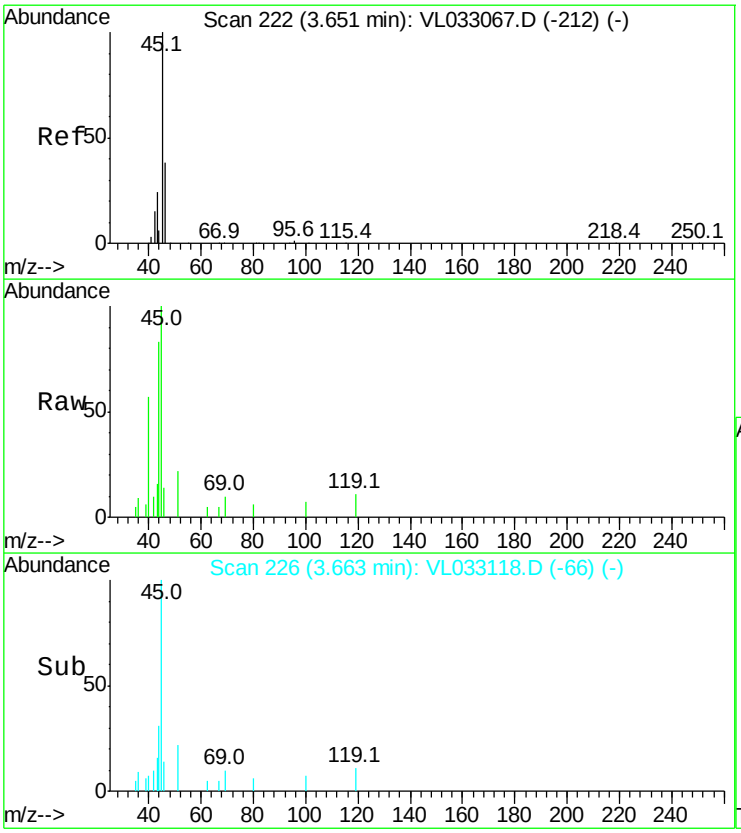
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.093 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 13752

Ion	Ratio	Lower	Upper
101	100		
151	102.0	57.9	86.9#

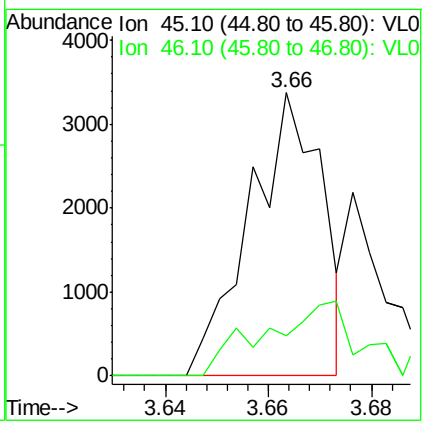


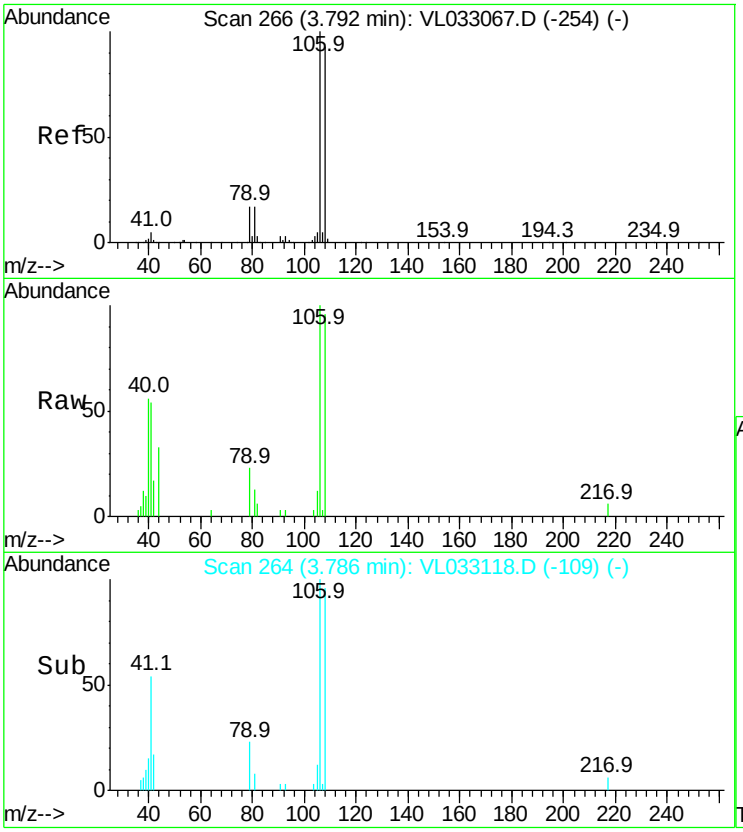


#13
Ethanol
Concen: 0.170 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.02 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 45 Resp: 3265

Ion	Ratio	Lower	Upper
45	100		
46	6.6	15.0	60.2#



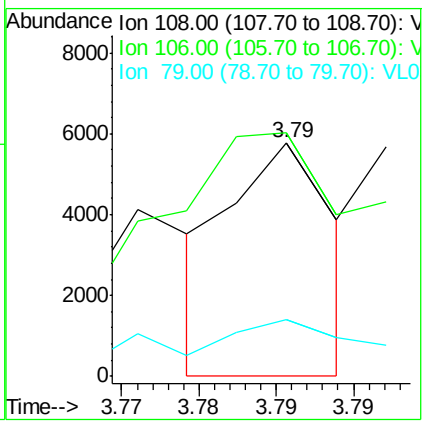


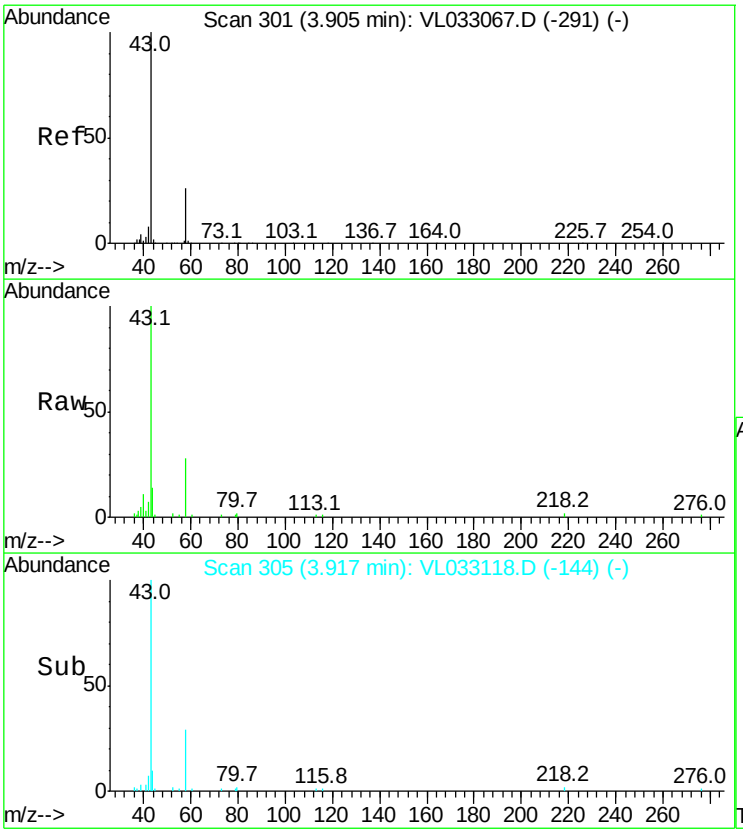
#14
Bromoethene
Concen: 0.041 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 2693

Ion	Ratio	Lower	Upper
108	100		
106	315.4	85.5	128.3#
79	71.7	13.8	20.6#

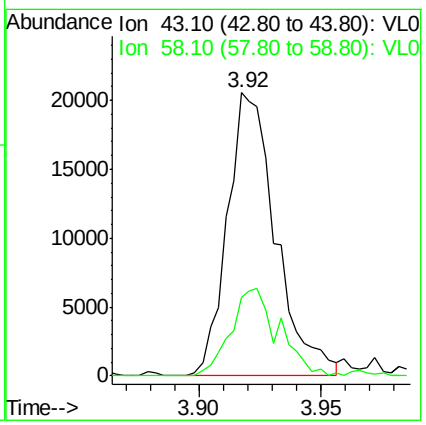


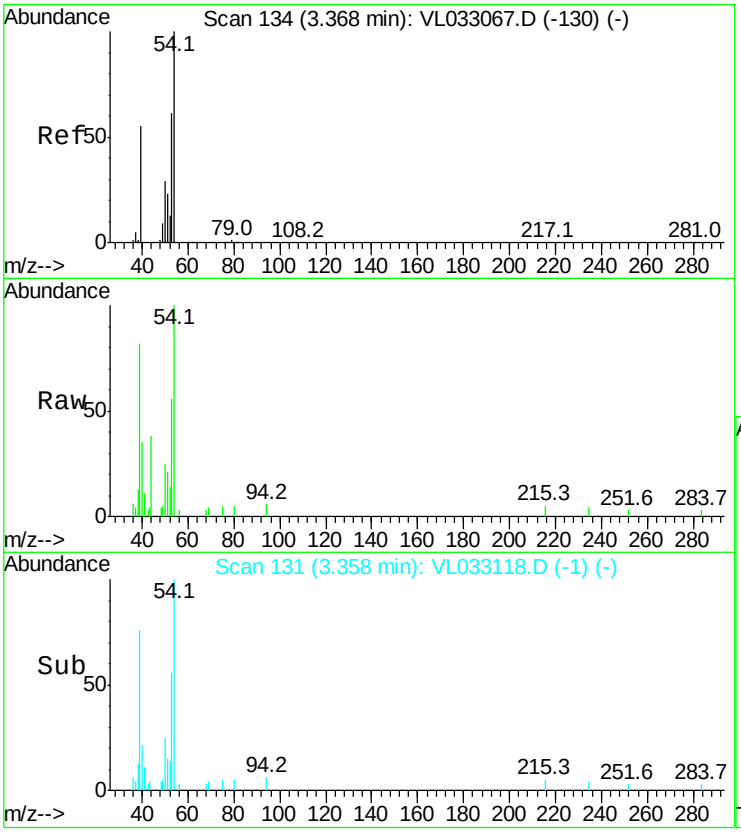


#15
Acetone
Concen: 0.180 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.02 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 43 Resp: 28307

Ion	Ratio	Lower	Upper
43	100		
58	31.6	21.1	31.7



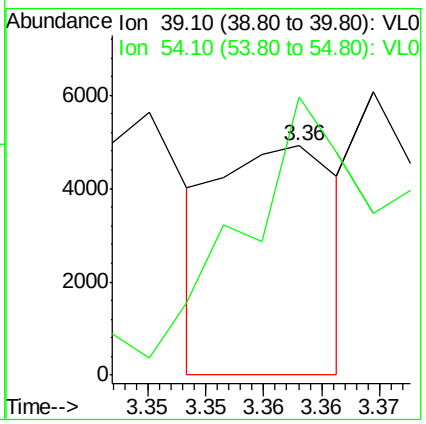


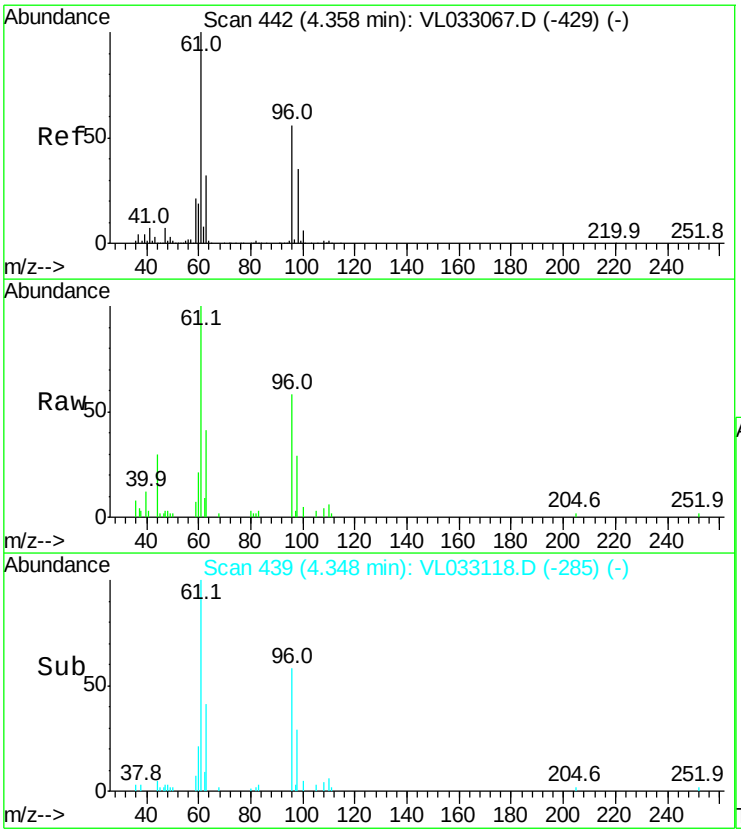
#16
1,3-Butadiene
Concen: 0.059 ppbv
RT: 3.36 min Scan# 131
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 3497

Ion	Ratio	Lower	Upper
39	100		
54	189.0	80.0	120.0#

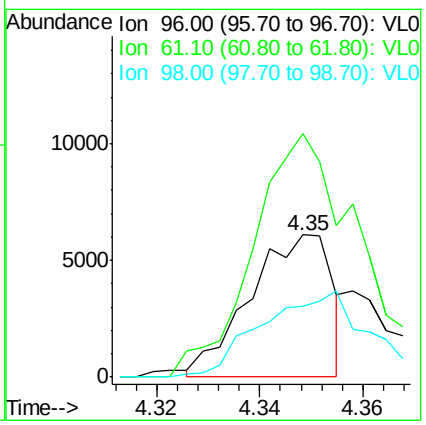


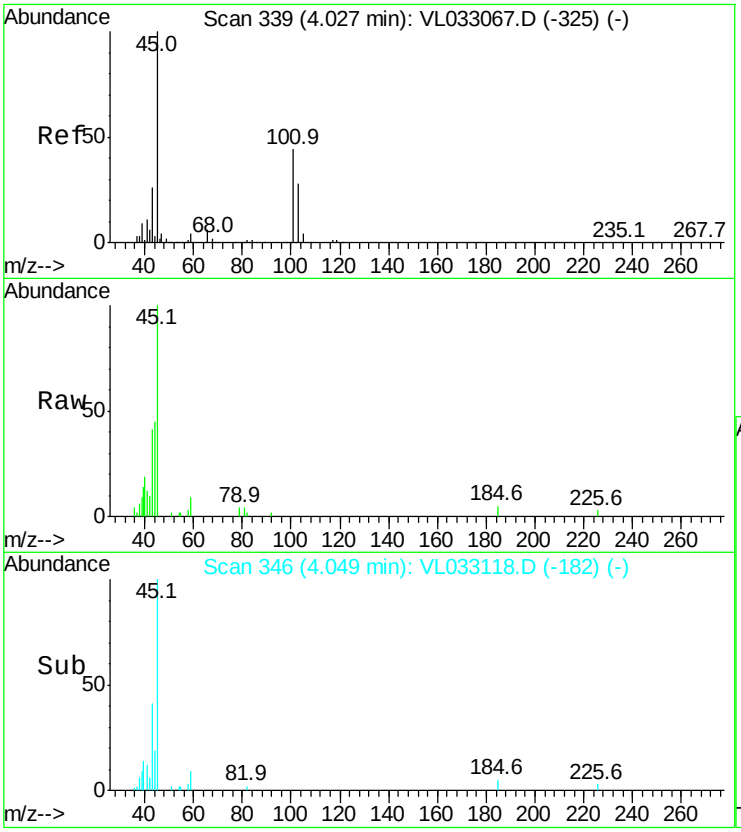


#18
1,1-Dichloroethene
Concen: 0.099 ppbv
RT: 4.35 min Scan# 439
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 96 Resp: 6741

Ion	Ratio	Lower	Upper
96	100		
61	160.2	142.6	213.8
98	49.8	51.4	77.0#



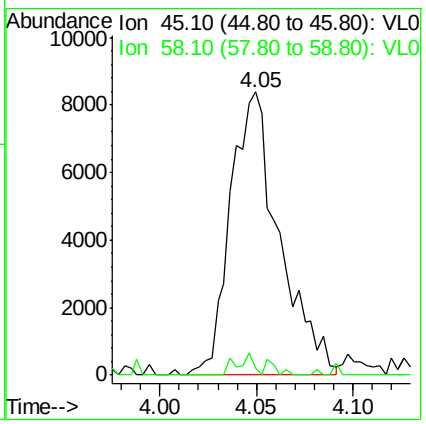


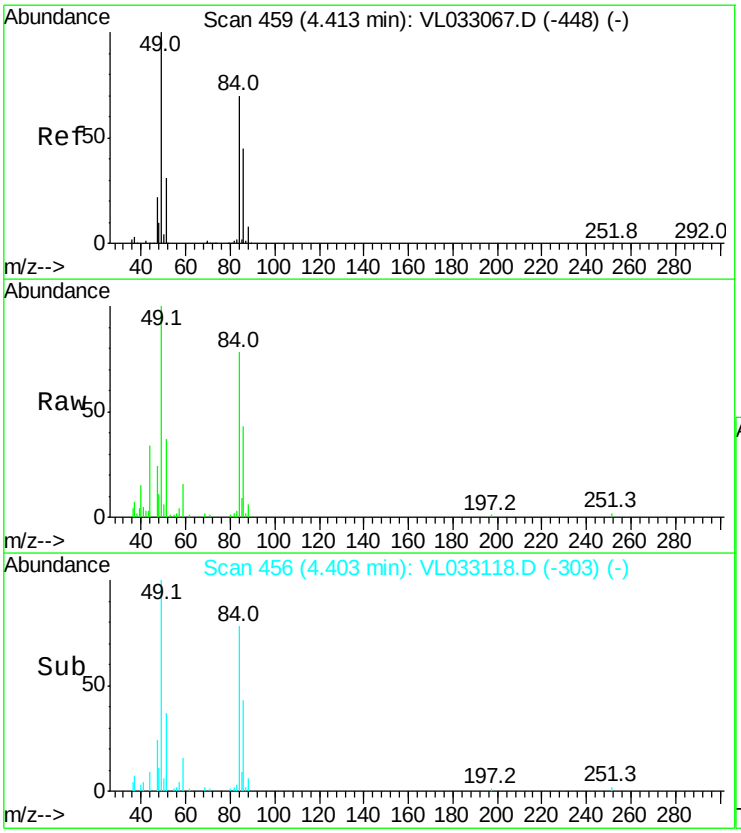
#19
Isopropyl Alcohol
Concen: 0.136 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.03 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 14738

Ion	Ratio	Lower	Upper
45	100		
58	4.0	1.4	2.2#

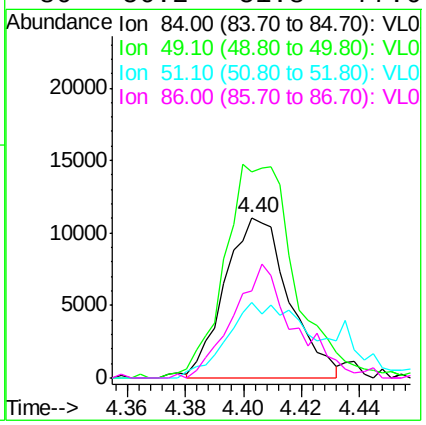


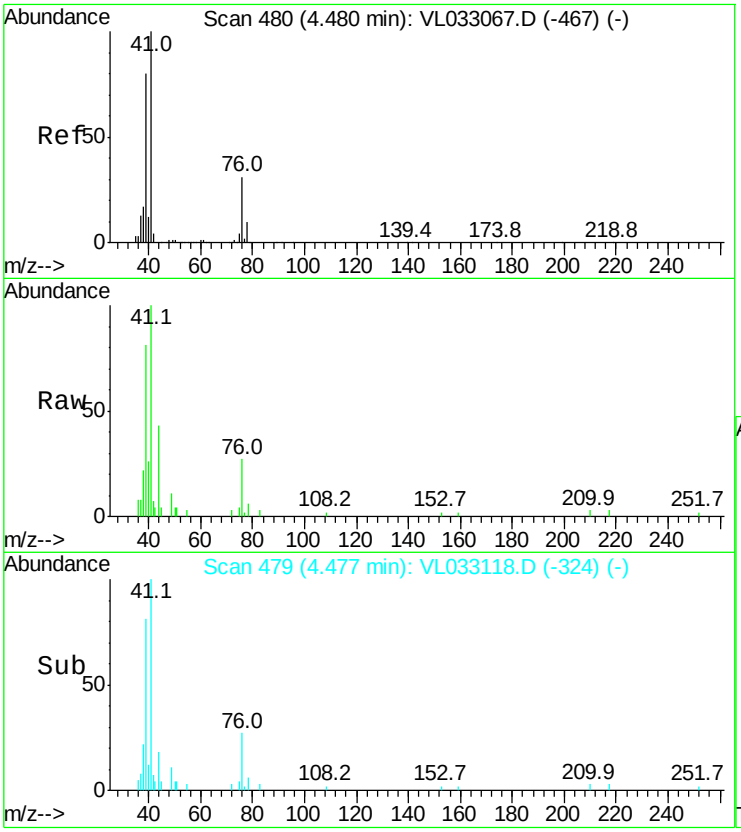


#20
Methylene Chloride
Concen: 0.259 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 84 Resp: 16979

Ion	Ratio	Lower	Upper
84	100		
49	126.2	113.8	170.6
51	44.7	34.5	51.7
86	56.2	51.8	77.6



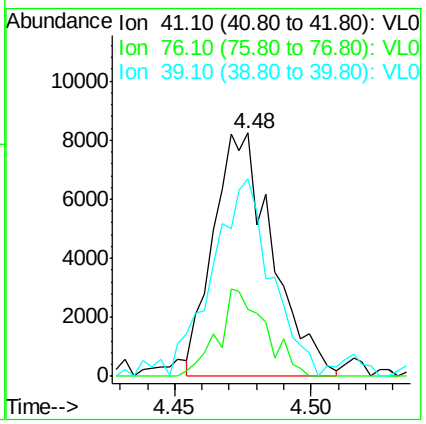


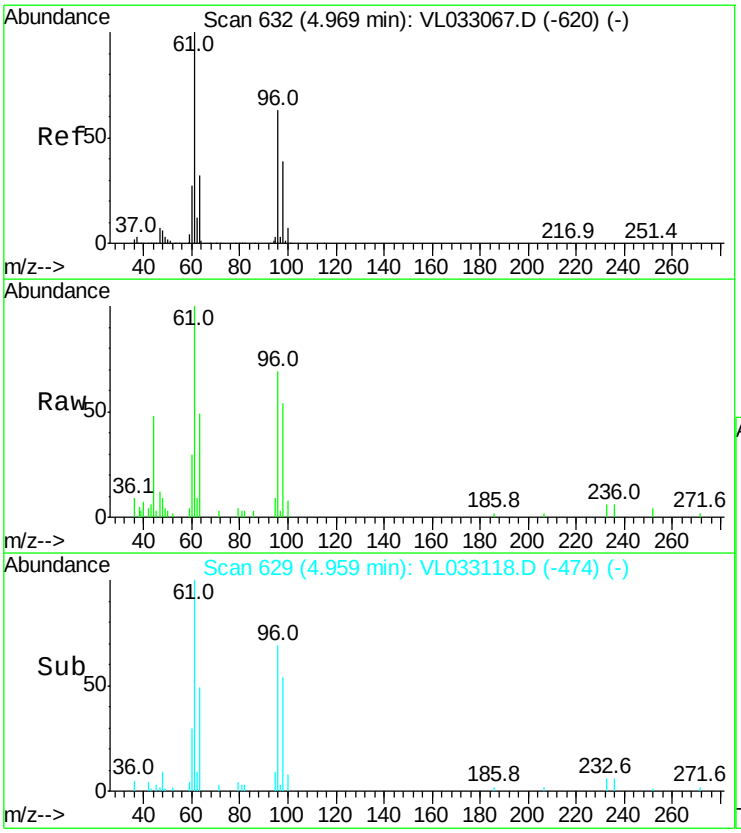
#21
Allyl Chloride
Concen: 0.128 ppbv
RT: 4.48 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 12448

Ion	Ratio	Lower	Upper
41	100		
76	28.8	24.6	37.0
39	86.6	63.3	94.9

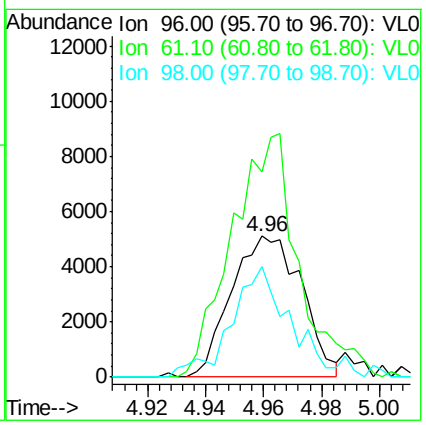


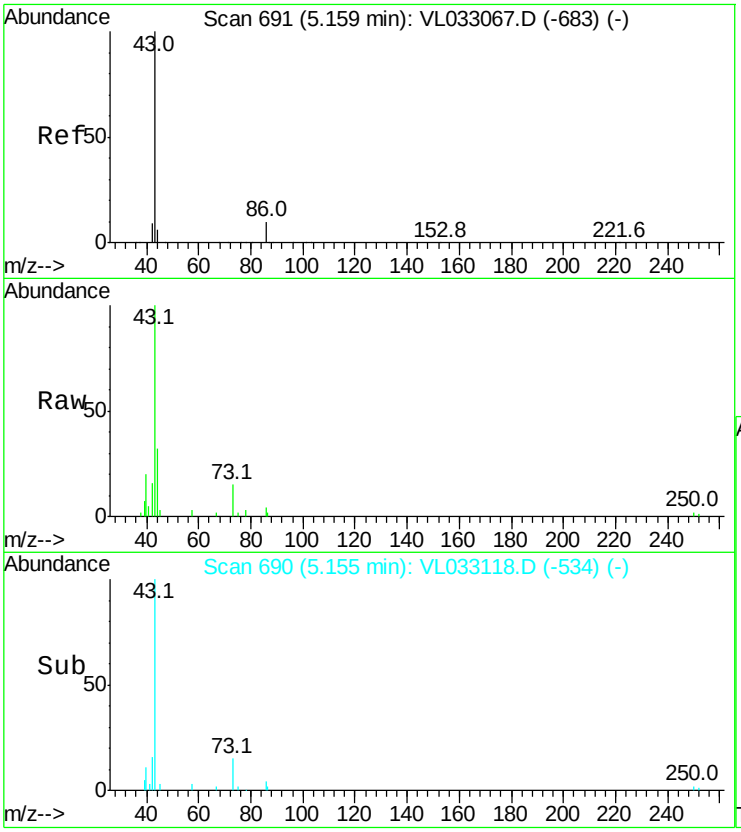


#22
trans-1,2-Dichloroethene
Concen: 0.128 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 96 Resp: 8648

Ion	Ratio	Lower	Upper
96	100		
61	141.8	127.6	191.4
98	71.4	48.6	73.0



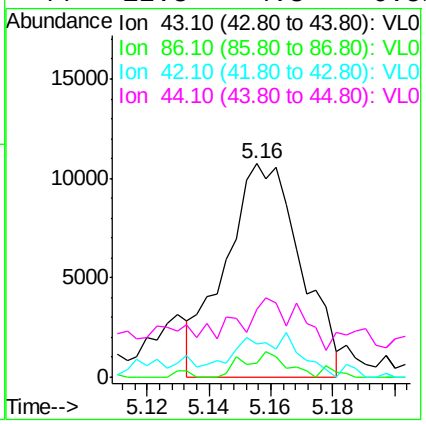


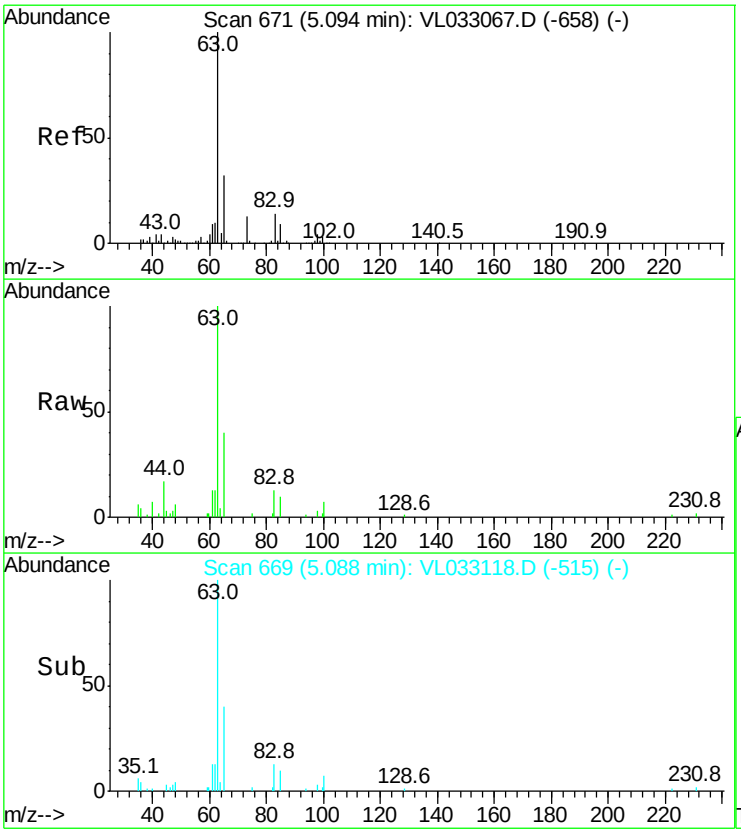
#23
Vinyl Acetate
Concen: 0.091 ppbv
RT: 5.16 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 18126

Ion	Ratio	Lower	Upper
43	100		
86	4.7	6.7	10.1#
42	17.8	8.1	12.1#
44	12.8	4.3	6.5#

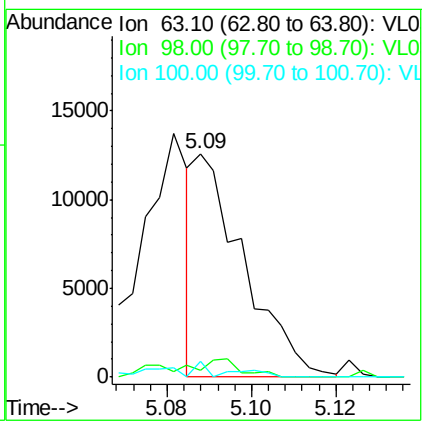


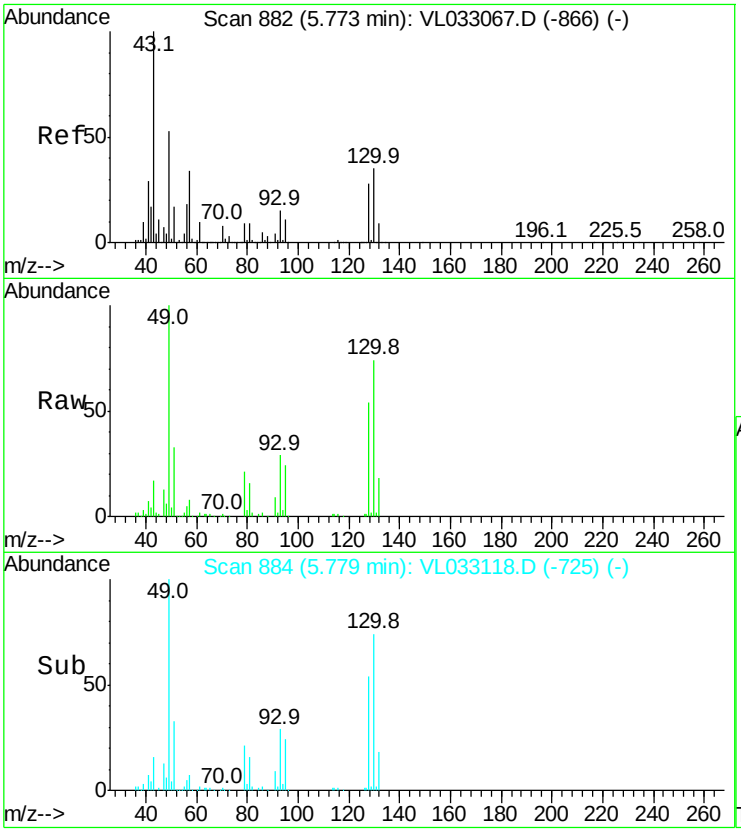


#24
1,1-Dichloroethane
Concen: 0.060 ppbv
RT: 5.09 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 63 Resp: 10124

Ion	Ratio	Lower	Upper
63	100		
98	3.0	2.5	7.4
100	7.2	1.4	4.2#



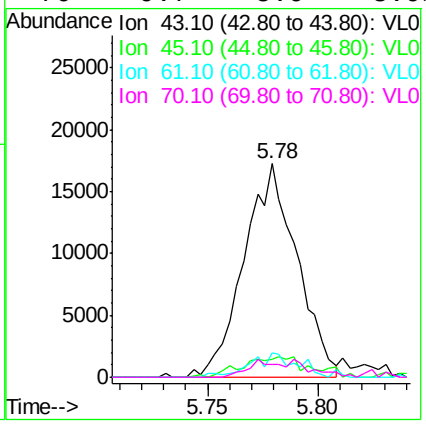


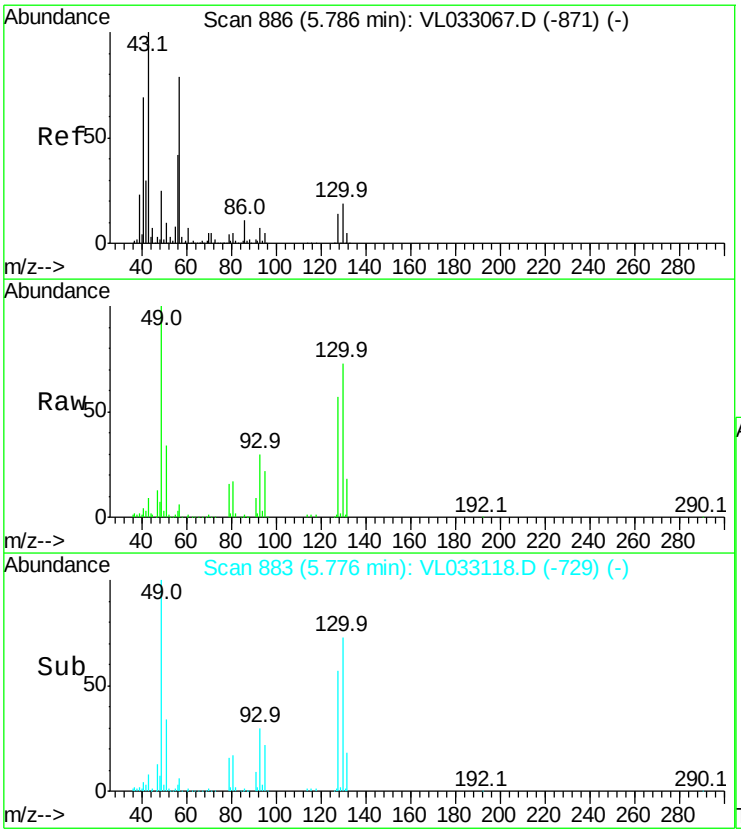
#25
Ethyl Acetate
Concen: 0.108 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 28679

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.0	12.0#
61	10.4	7.6	11.4
70	9.7	5.9	8.9#

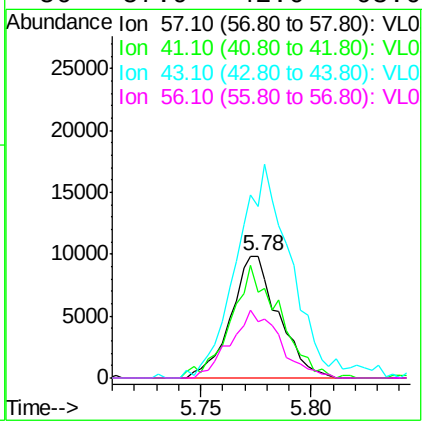


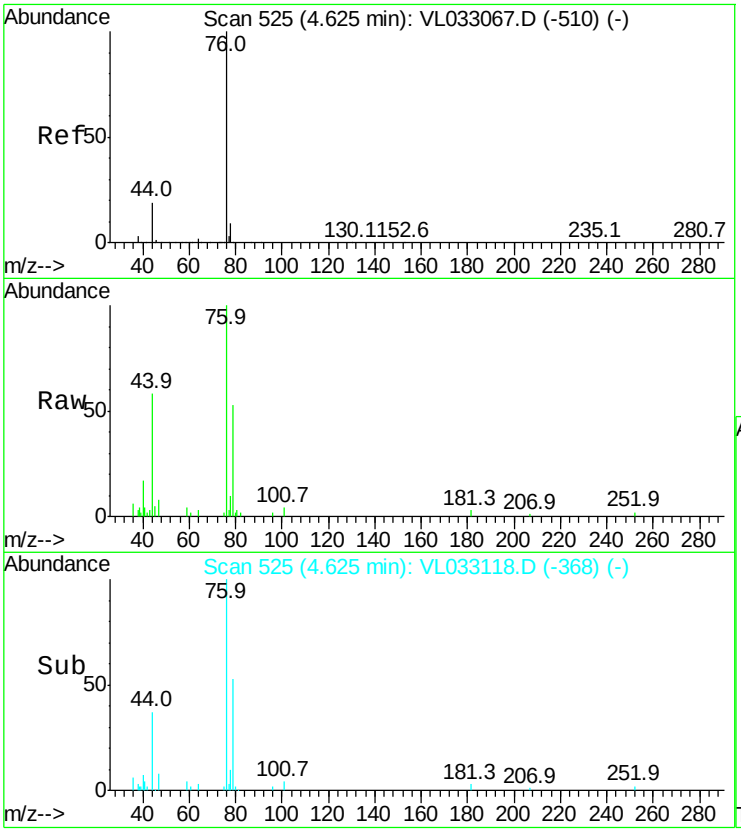


#26
Hexane
Concen: 0.117 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 57 Resp: 14658

Ion	Ratio	Lower	Upper
57	100		
41	95.6	69.9	104.9
43	206.5	169.0	253.4
56	57.9	42.0	63.0



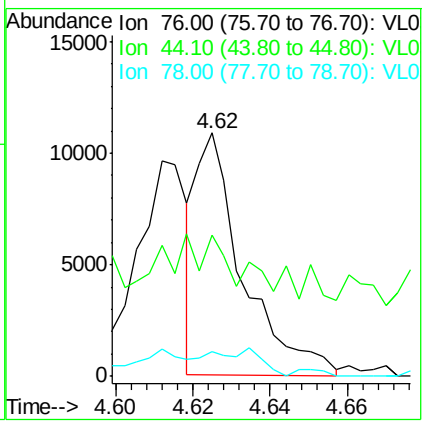


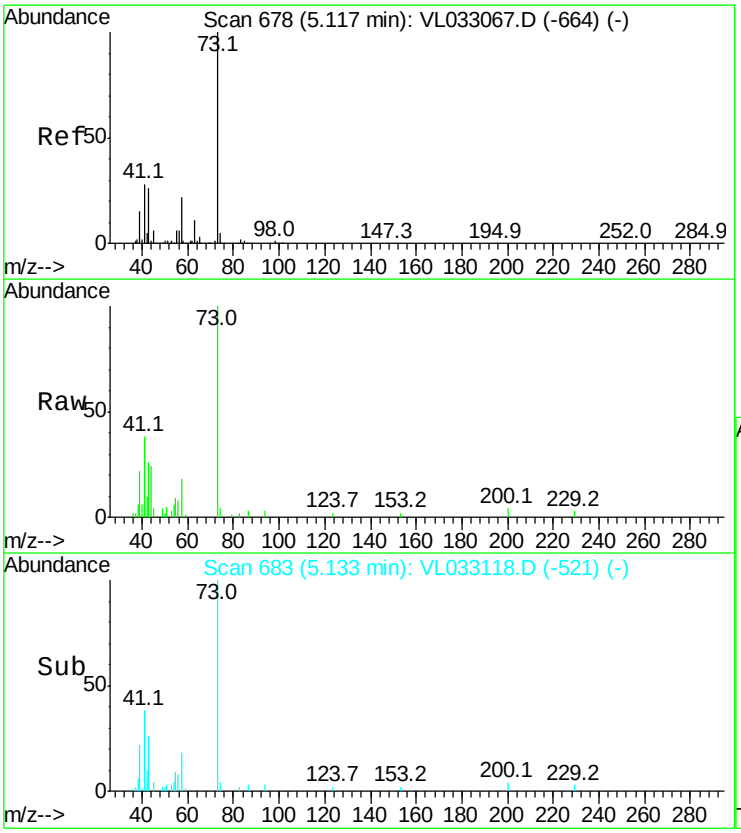
#27
Carbon Disulfide
Concen: 0.058 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 9021

Ion	Ratio	Lower	Upper
76	100		
44	167.1	15.0	22.4#
78	27.1	7.6	11.4#

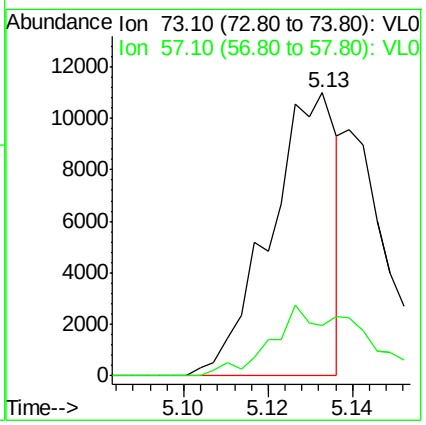


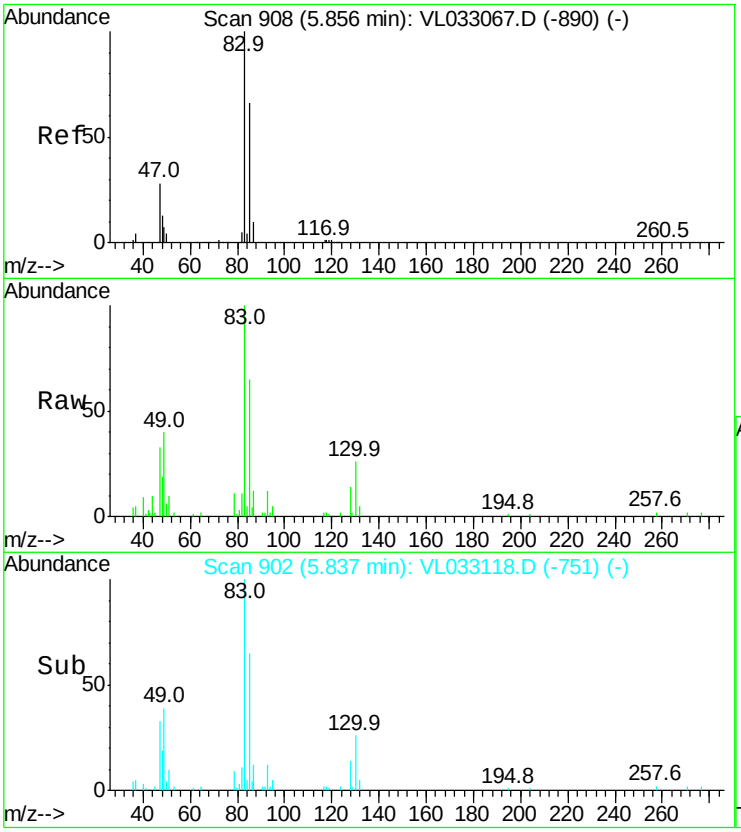


#28
Methyl tert-Butyl Ether
Concen: 0.061 ppbv
RT: 5.13 min Scan# 683
Delta R.T. 0.02 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 73 Resp: 12004

Ion	Ratio	Lower	Upper
73	100		
57	34.4	17.6	26.4#



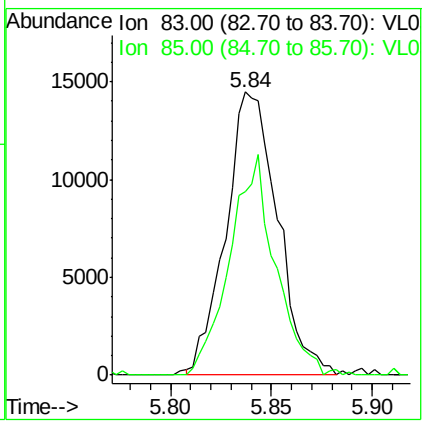


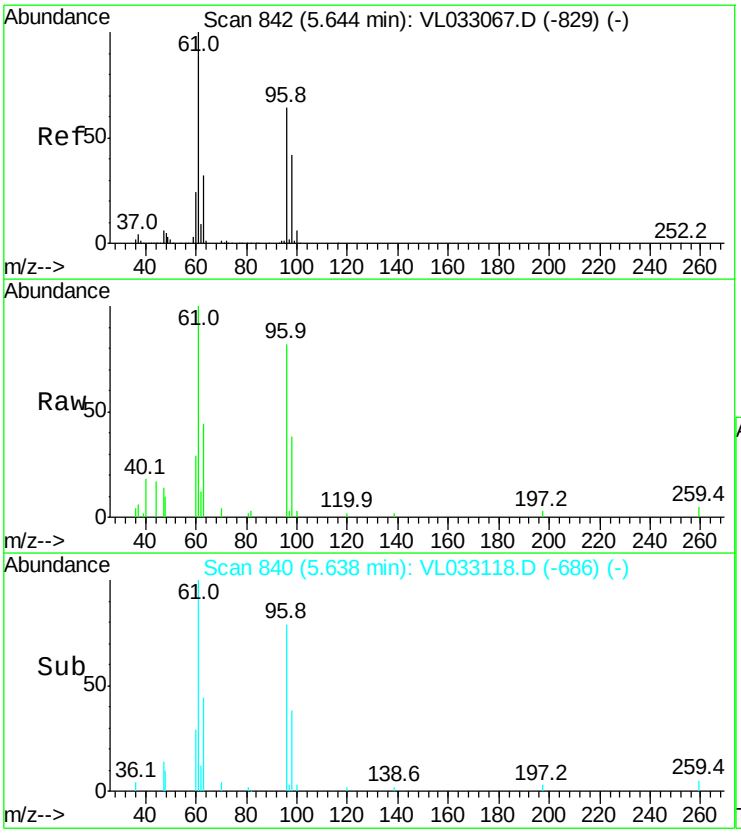
#29
Chloroform
Concen: 0.122 ppbv
RT: 5.84 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 26007

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.4	75.6

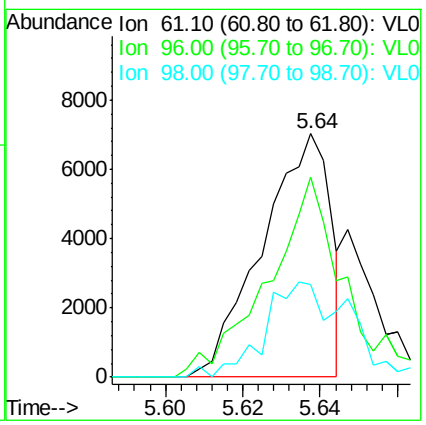


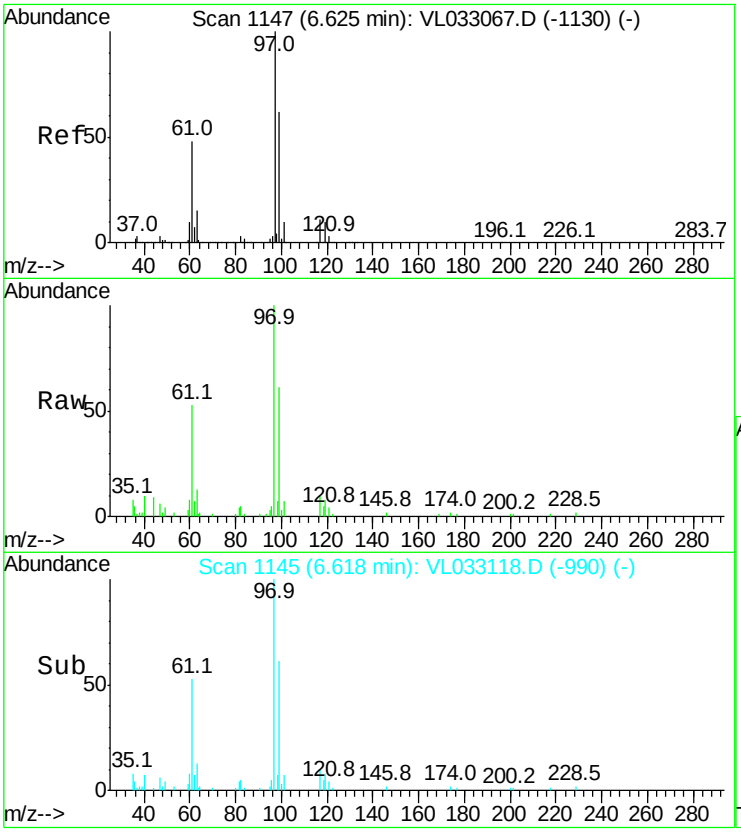


#31
cis-1,2-Dichloroethene
Concen: 0.074 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 61 Resp: 8655

Ion	Ratio	Lower	Upper
61	100		
96	72.5	57.6	86.4
98	34.0	37.0	55.4#



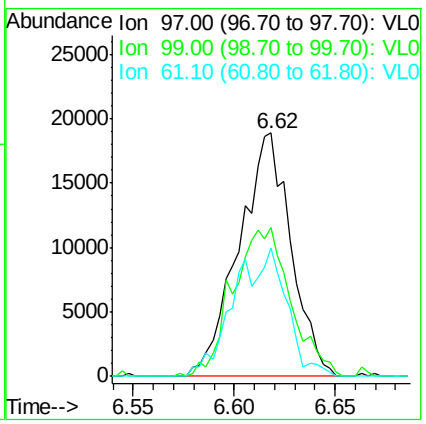


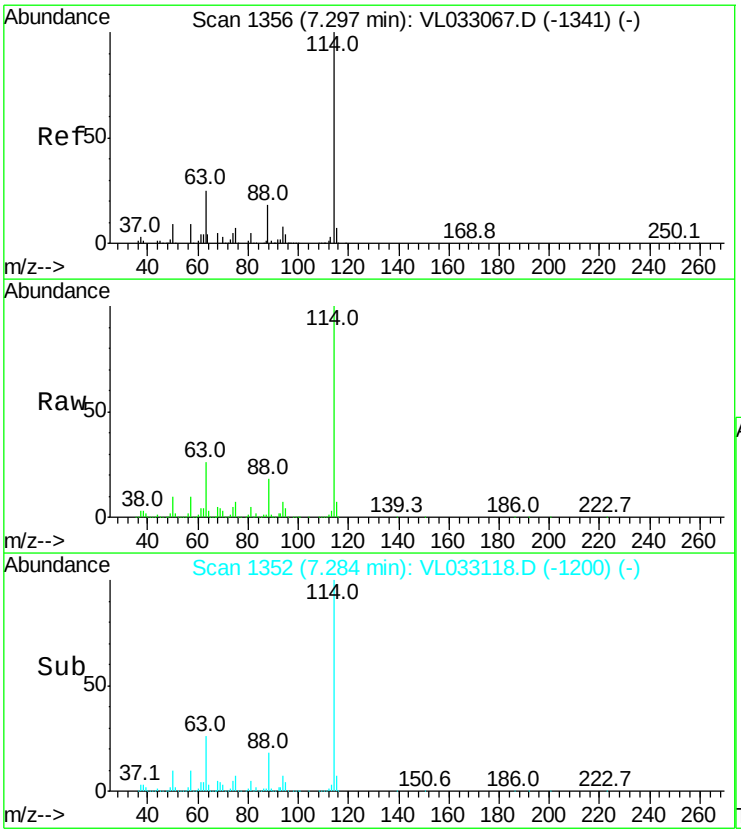
#32
1,1,1-Trichloroethane
Concen: 0.158 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 34176

Ion	Ratio	Lower	Upper
97	100		
99	68.3	51.7	77.5
61	53.4	38.6	57.8

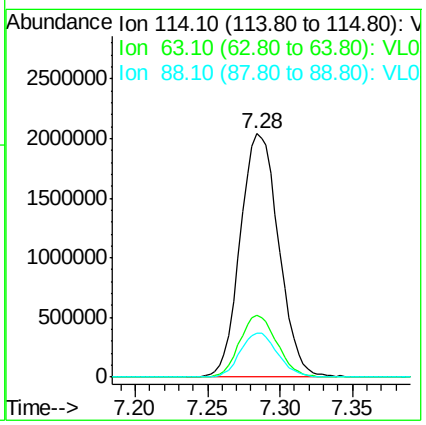


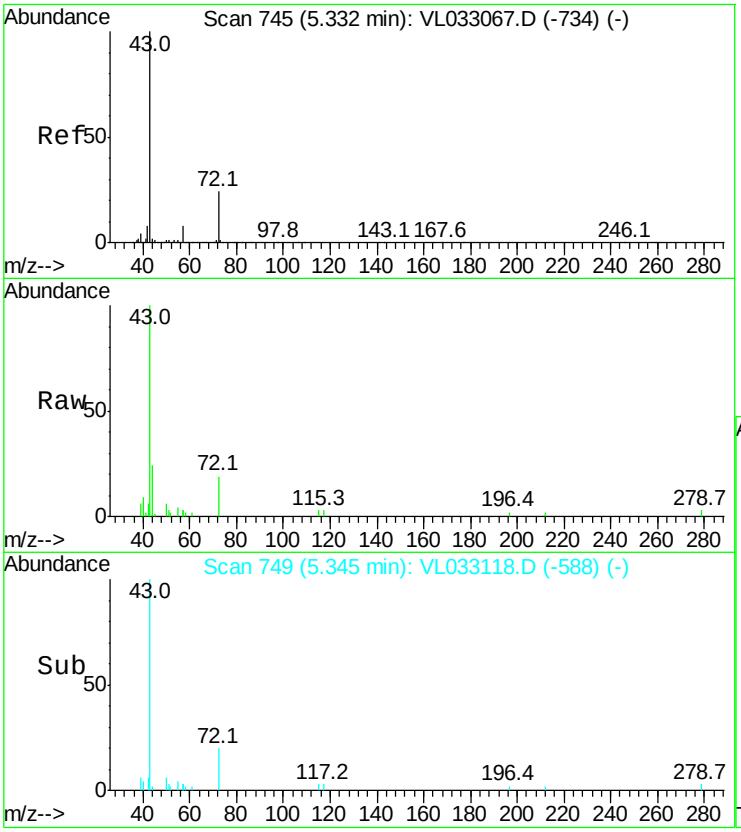


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:114 Resp: 3775443

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.8	29.8
88	17.7	14.2	21.2



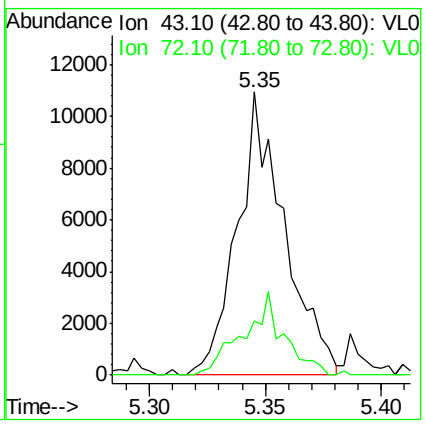


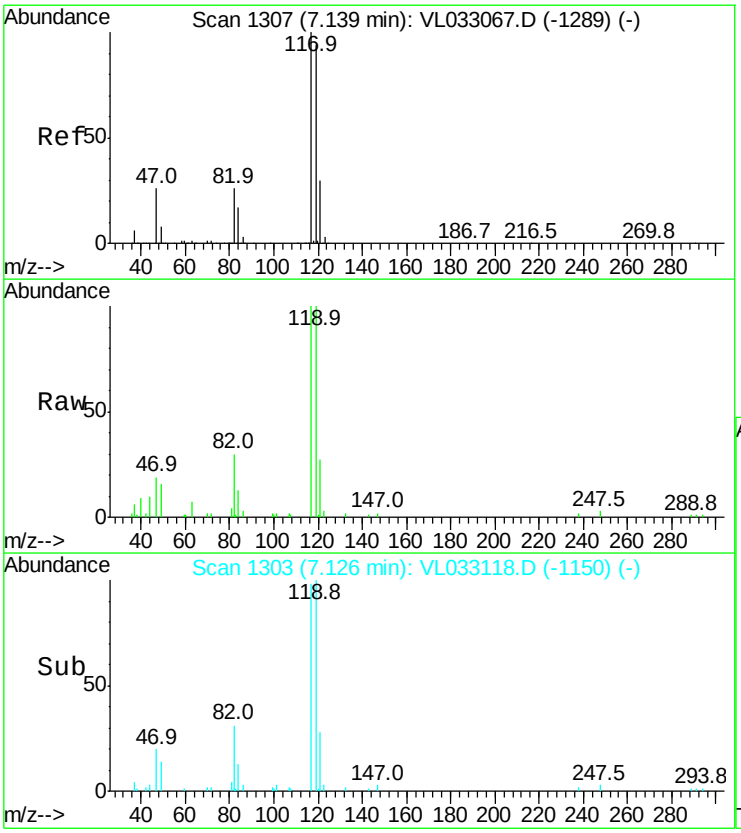
#34
2-Butanone
Concen: 0.070 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.02 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 15373

Ion	Ratio	Lower	Upper
43	100		
72	25.6	18.7	28.1

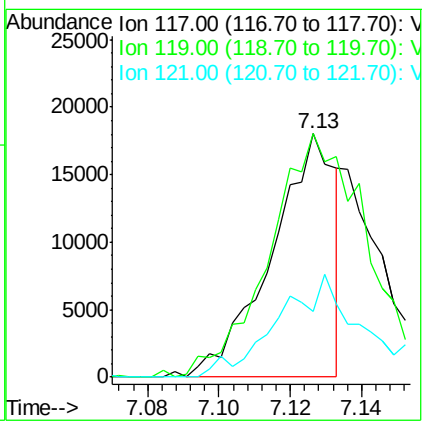


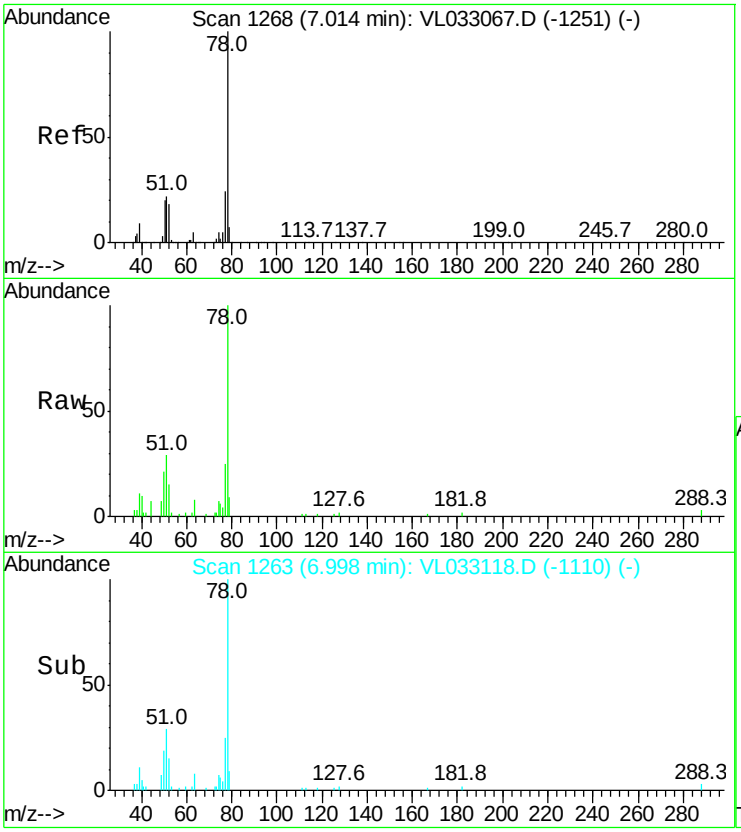


#35
Carbon Tetrachloride
Concen: 0.069 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:117 Resp: 22237

Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.8	113.6
121	27.3	24.6	36.8



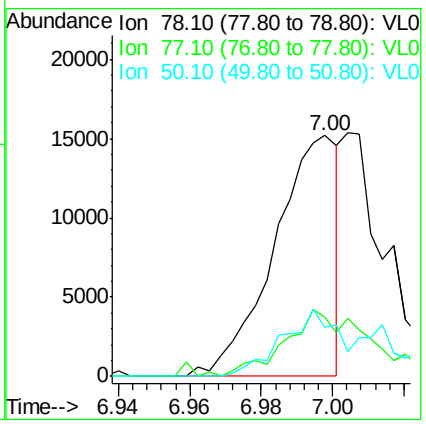


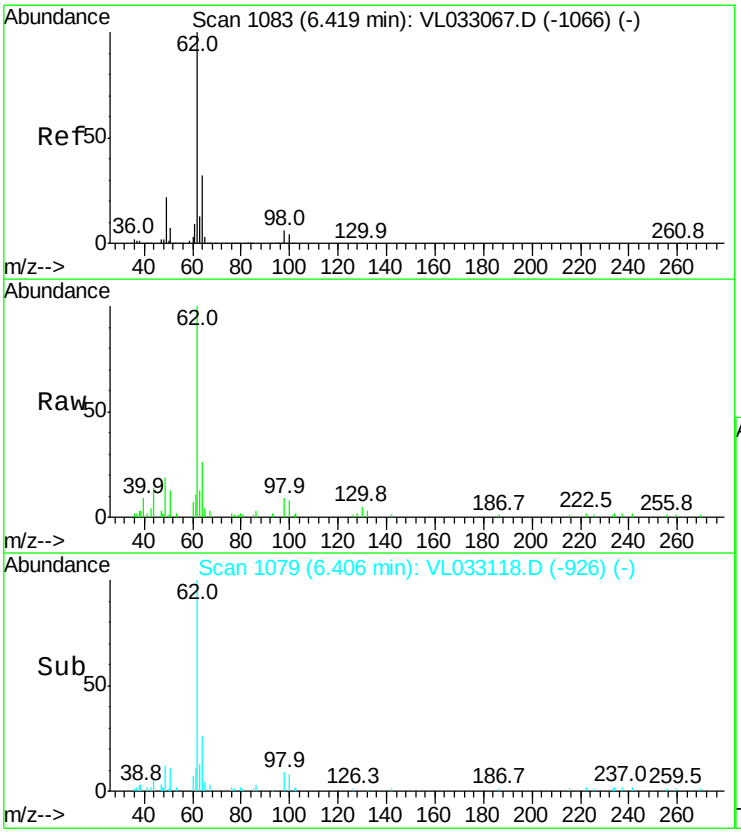
#36
Benzene
Concen: 0.061 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 18817

Ion	Ratio	Lower	Upper
78	100		
77	17.4	18.5	27.7#
50	18.8	15.4	23.2

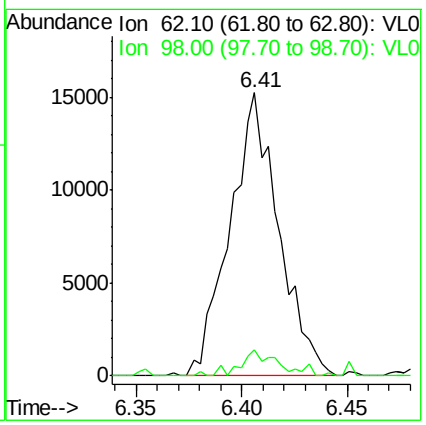


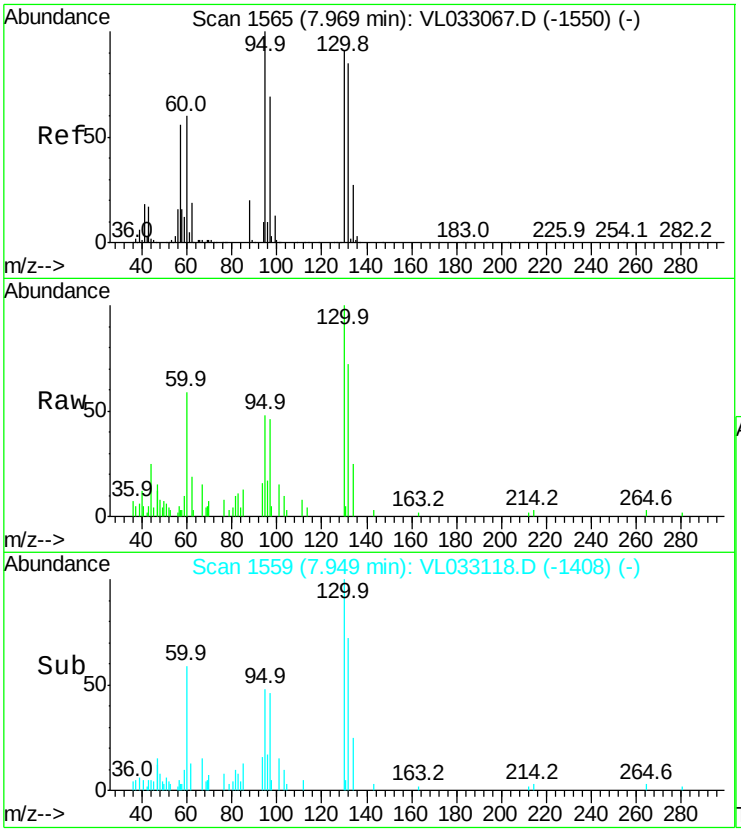


#37
1,2-Dichloroethane
Concen: 0.113 ppbv
RT: 6.41 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 62 Resp: 24506

Ion	Ratio	Lower	Upper
62	100		
98	7.3	4.6	7.0#



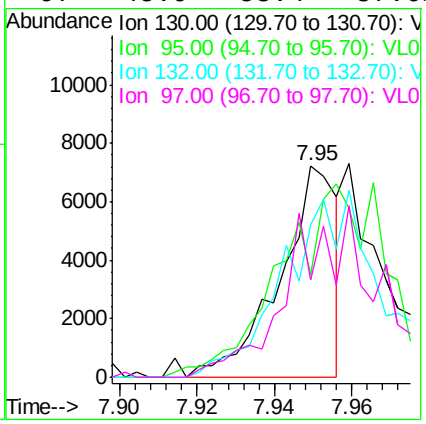


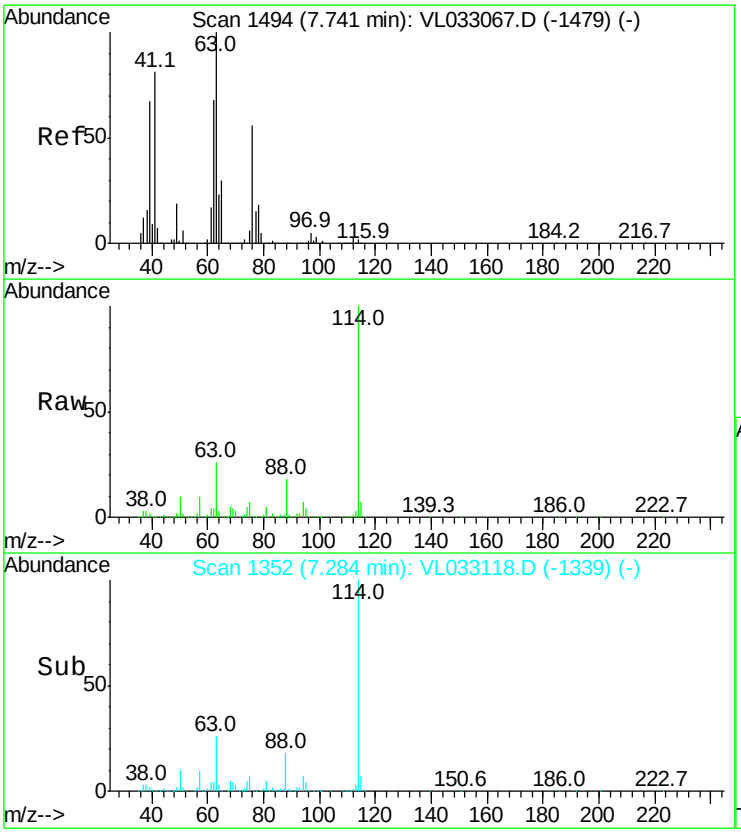
#38
Trichloroethene
Concen: 0.058 ppbv
RT: 7.95 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 7320

Ion	Ratio	Lower	Upper
130	100		
95	43.4	94.0	141.0#
132	71.9	79.7	119.5#
97	45.9	58.4	87.6#

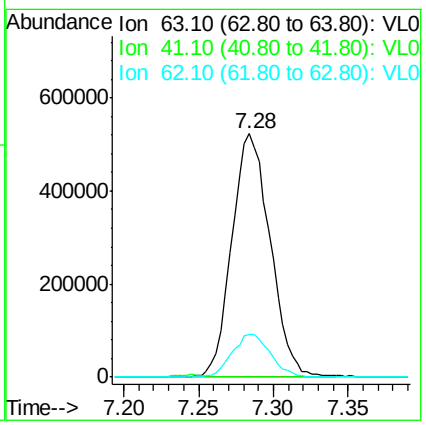


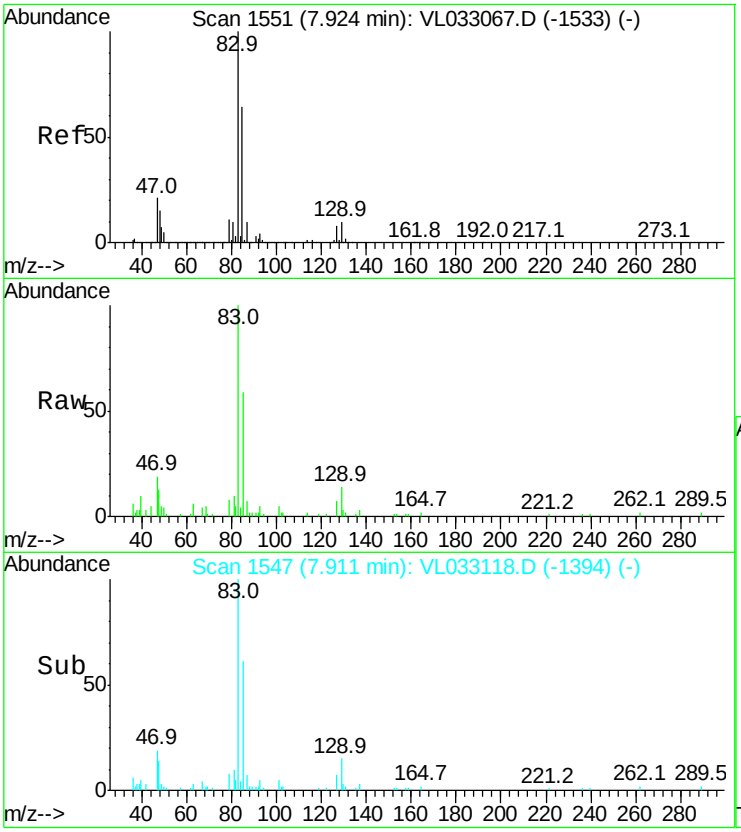


#39
1,2-Dichloropropane
Concen: 7.999 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.46 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 63 Resp: 929391

Ion	Ratio	Lower	Upper
63	100		
41	0.2	57.8	86.8#
62	17.4	54.6	82.0#



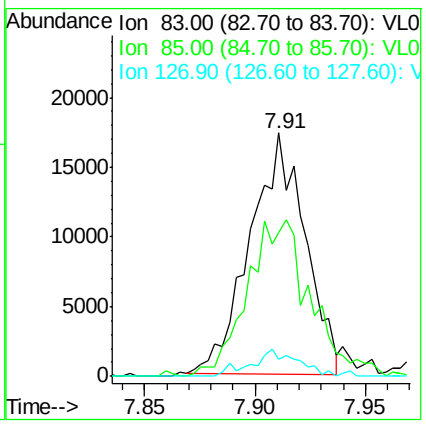


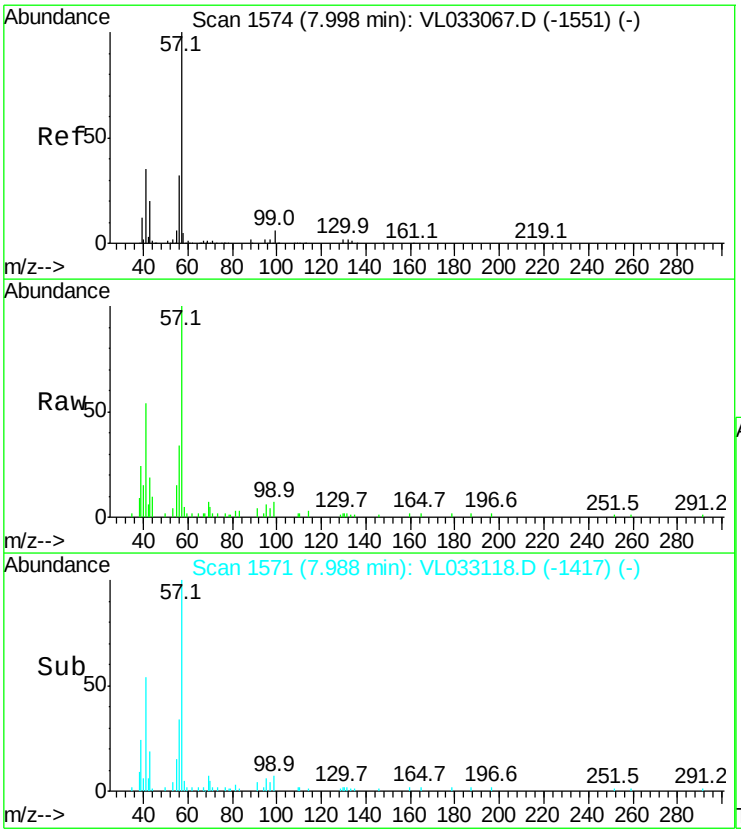
#42
Bromodichloromethane
Concen: 0.101 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 30045

Ion	Ratio	Lower	Upper
83	100		
85	59.6	52.9	79.3
127	6.9	6.7	10.1

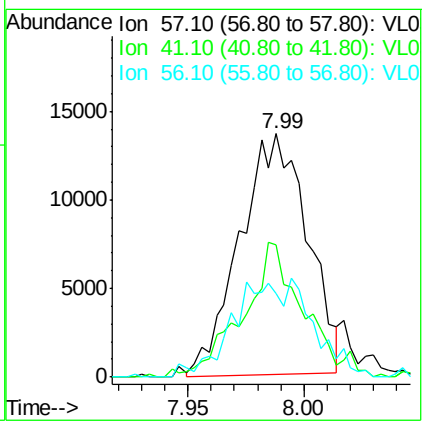


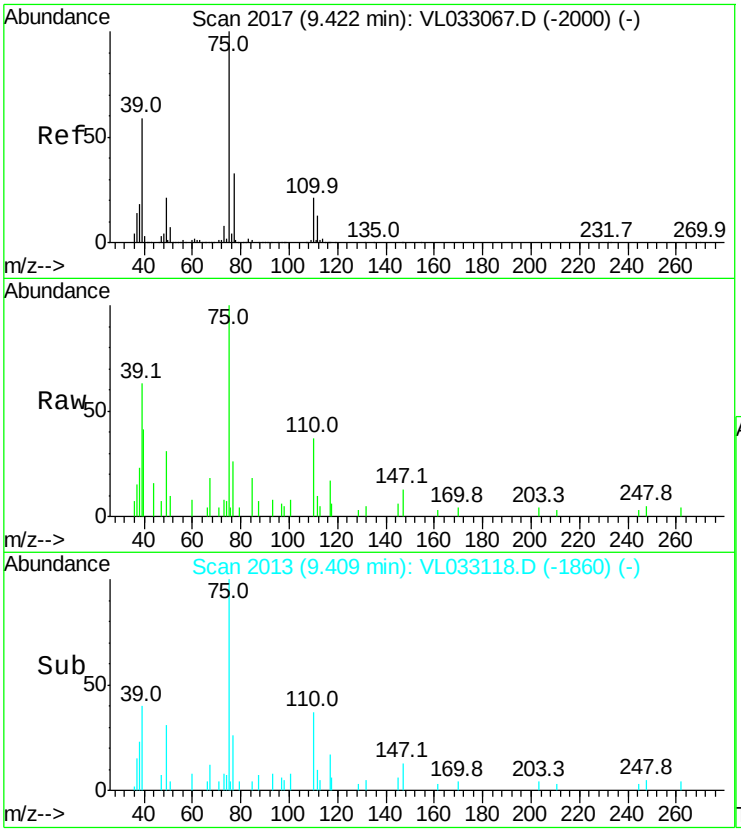


#44
2,2,4-Trimethylpentane
Concen: 0.053 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 57 Resp: 27593

Ion	Ratio	Lower	Upper
57	100		
41	50.6	26.1	39.1#
56	47.4	25.0	37.4#



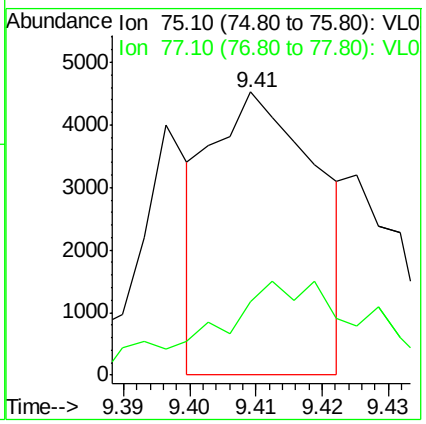


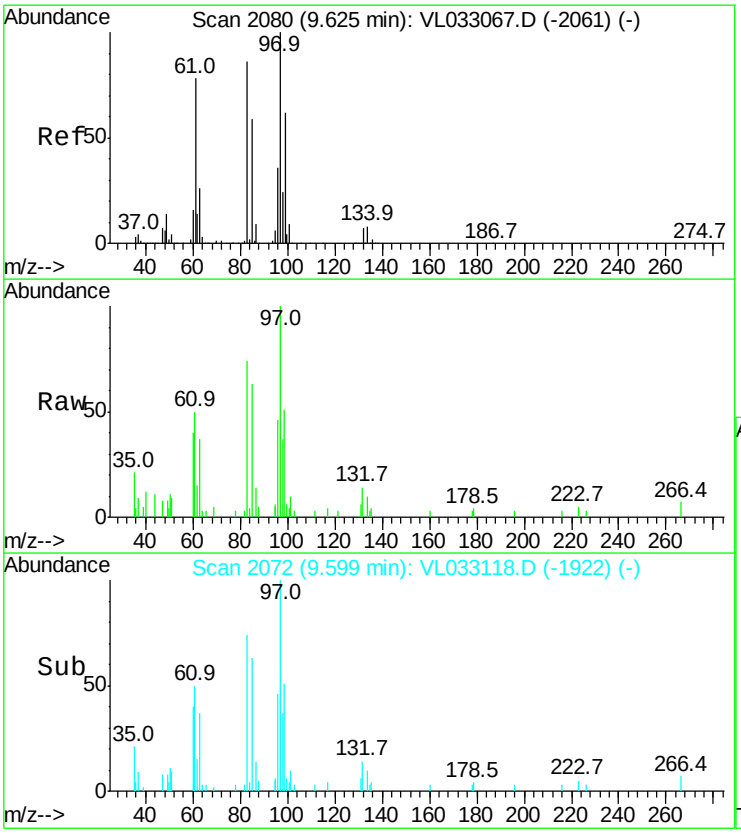
#45
t-1,3-Dichloropropene
Concen: 0.035 ppbv
RT: 9.41 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 75 Resp: 5078

Ion	Ratio	Lower	Upper
75	100		
77	24.8	24.9	37.3#

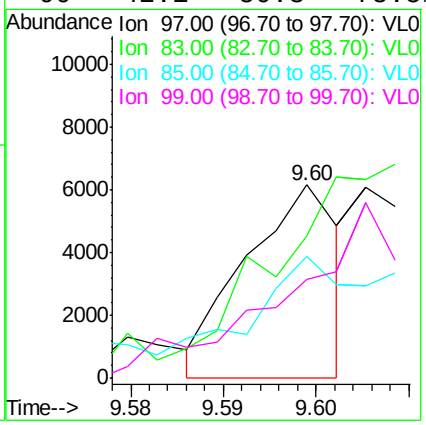


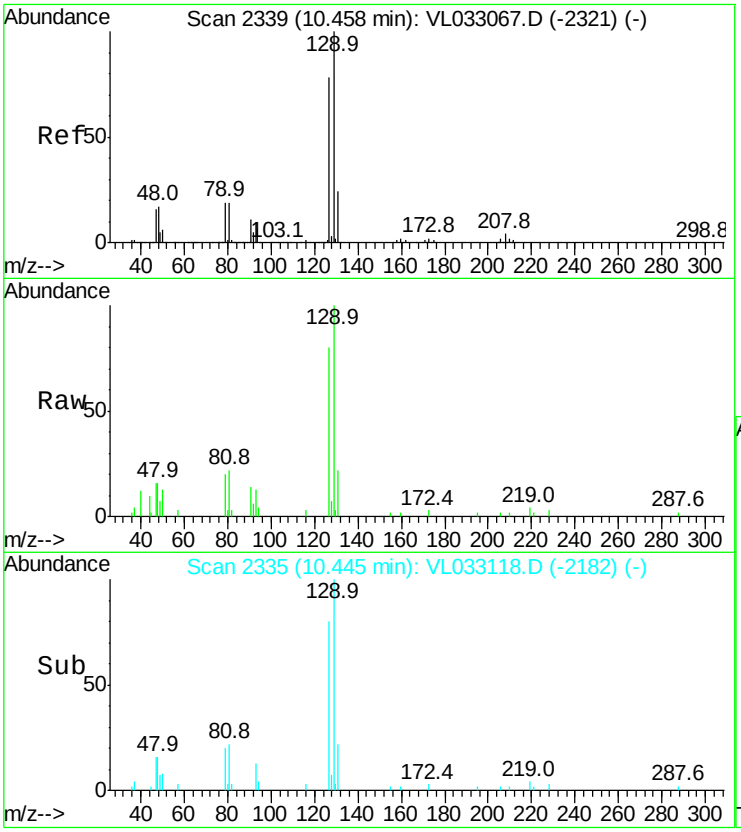


#47
1,1,2-Trichloroethane
Concen: 0.032 ppbv
RT: 9.60 min Scan# 2072
Delta R.T. -0.02 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 97 Resp: 4289

Ion	Ratio	Lower	Upper
97	100		
83	69.0	71.4	107.2#
85	50.6	47.2	70.8
99	42.1	50.3	75.5#



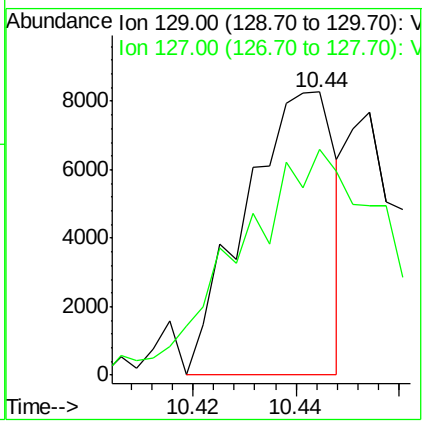


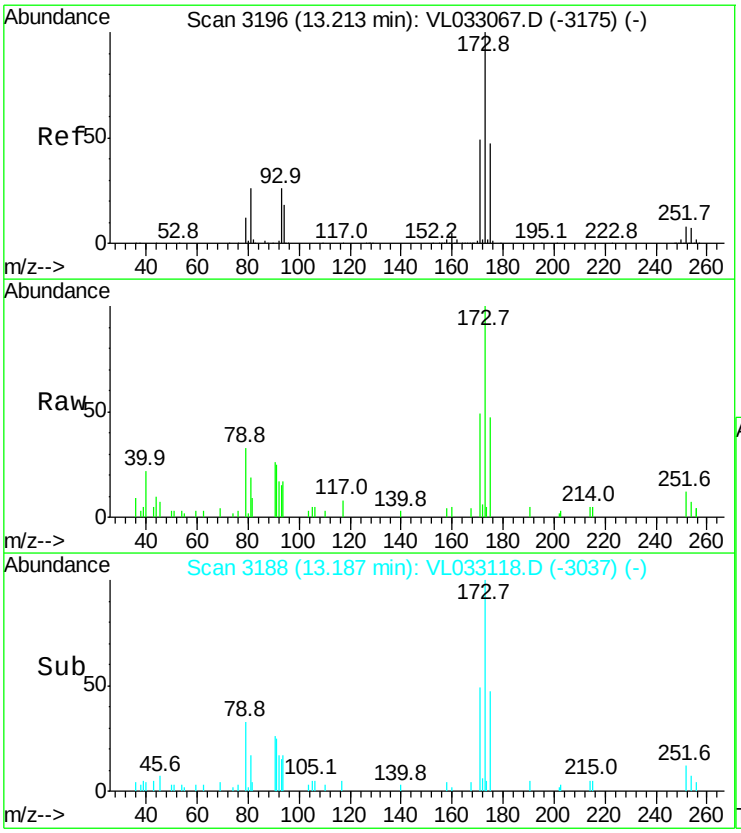
#48
Dibromochloromethane
Concen: 0.041 ppbv
RT: 10.44 min Scan# 2335
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:129 Resp: 9949

Ion	Ratio	Lower	Upper
129	100		
127	140.2	39.3	117.9#

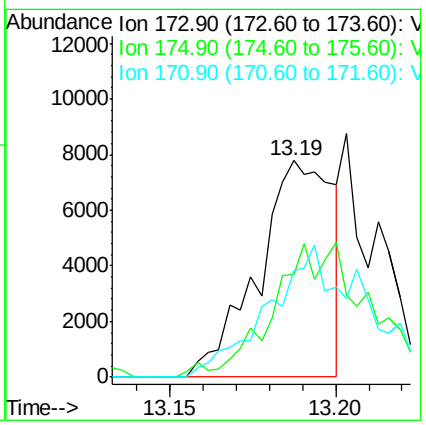


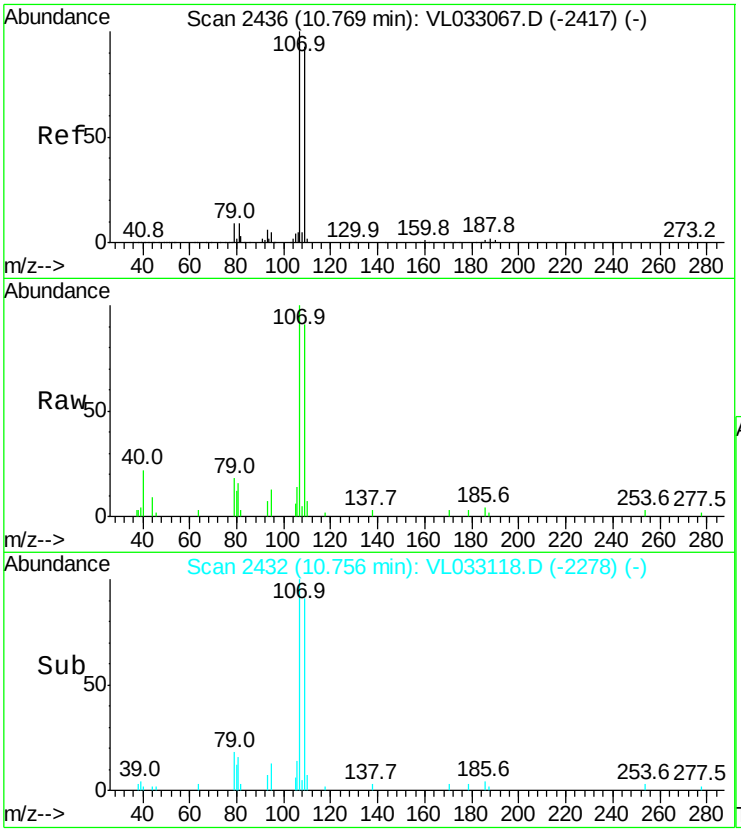


#49
Bromoform
Concen: 0.058 ppbv
RT: 13.19 min Scan# 3188
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:173 Resp: 12191

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.9	58.3#
171	0.0	41.8	62.6#



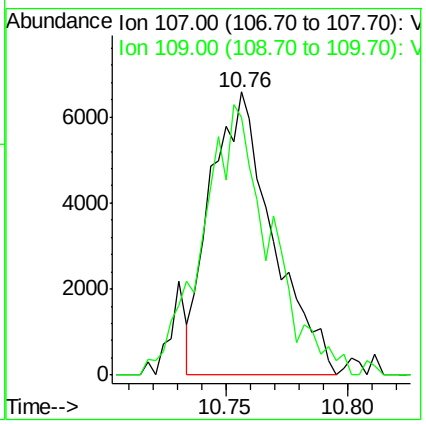


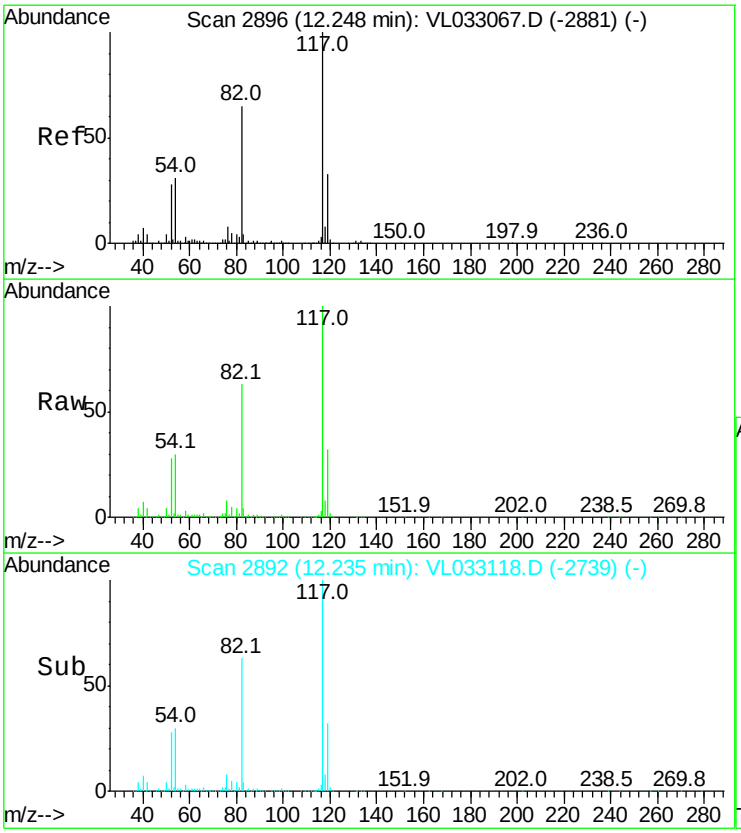
#54
1,2-Dibromoethane
Concen: 0.060 ppbv
RT: 10.76 min Scan# 2432
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:107 Resp: 11661

Ion	Ratio	Lower	Upper
107	100		
109	85.8	75.8	113.6

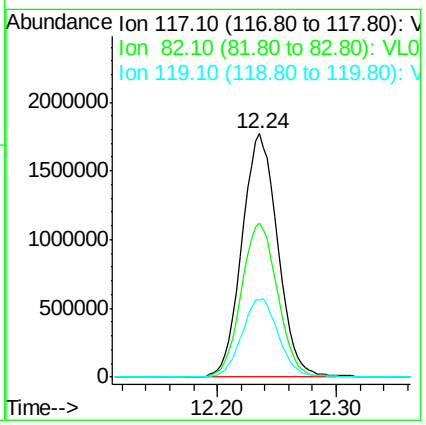


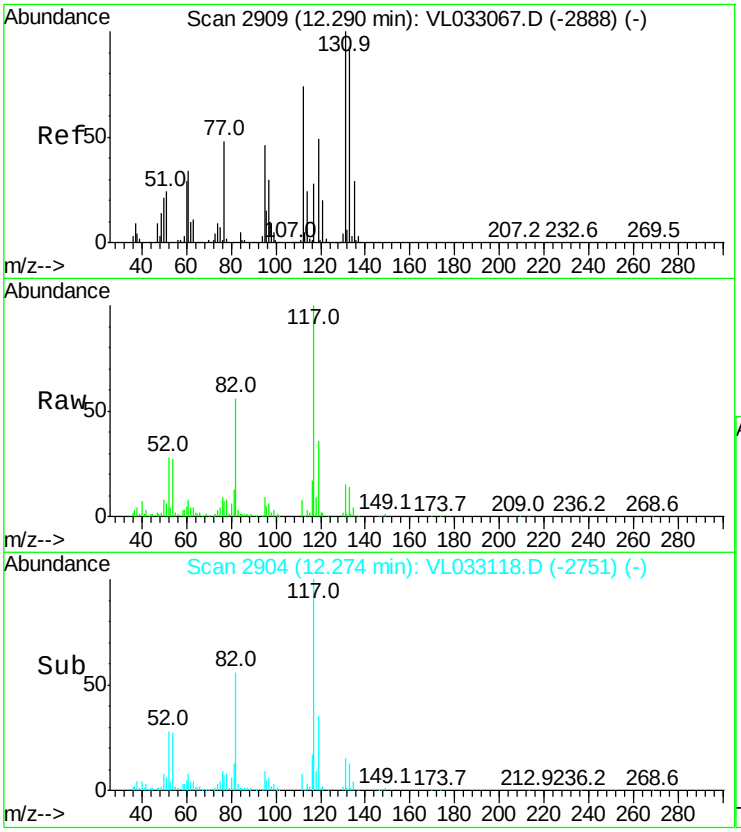


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:117 Resp: 3670850

Ion	Ratio	Lower	Upper
117	100		
82	64.3	48.3	72.5
119	33.3	25.9	38.9



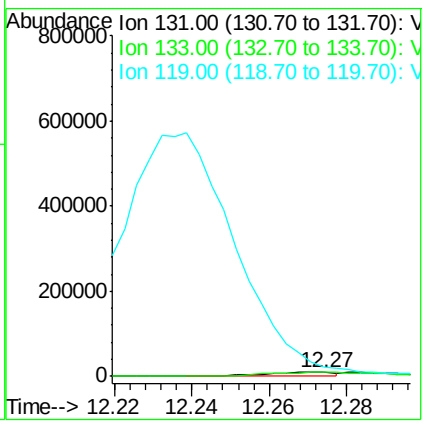


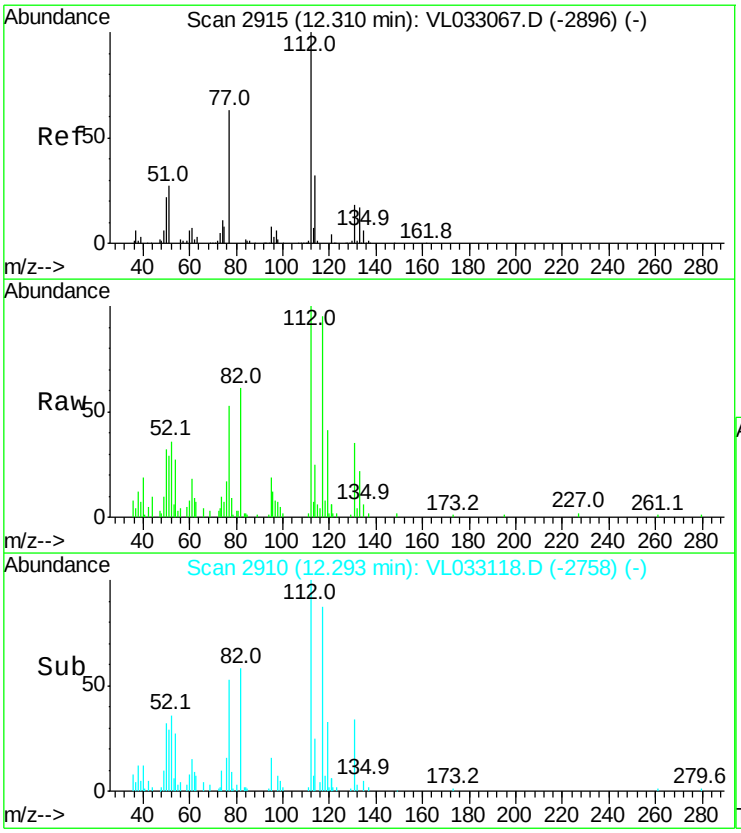
#56
1,1,1,2-Tetrachloroethane
Concen: 0.067 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 12777

Ion	Ratio	Lower	Upper
131	100		
133	160.8	76.6	115.0#
119	0.0	44.6	66.8#

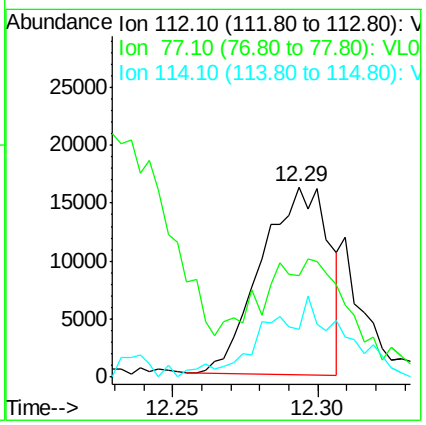


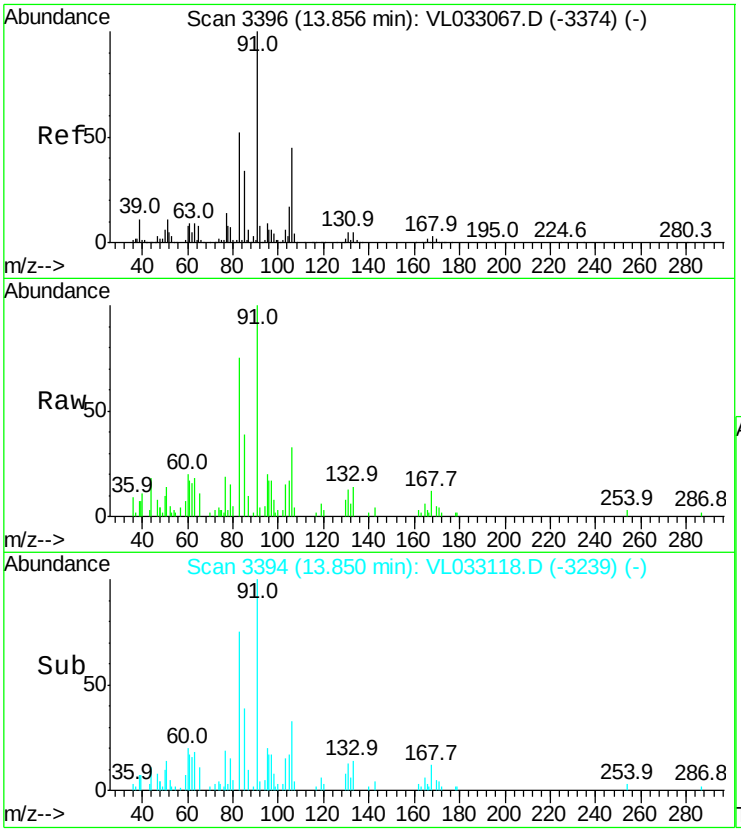


#57
Chlorobenzene
Concen: 0.086 ppbv
RT: 12.29 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:112 Resp: 26377

Ion	Ratio	Lower	Upper
112	100		
77	4.6	51.6	77.4#
114	27.3	27.9	34.1#



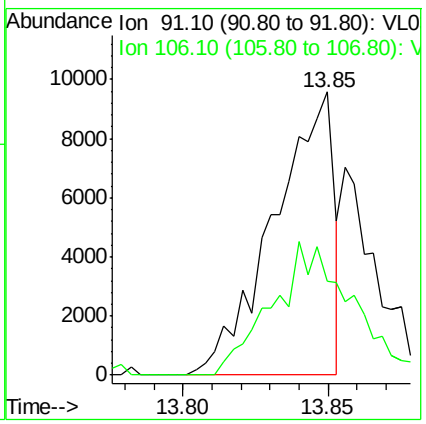


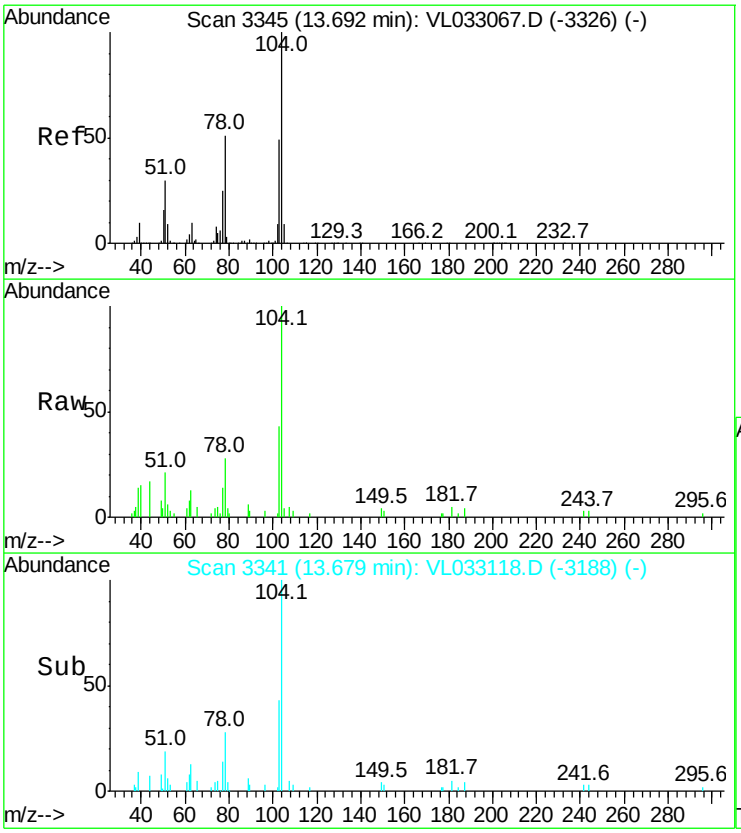
#60
o-Xylene
Concen: 0.033 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 13671

Ion	Ratio	Lower	Upper
91	100		
106	62.7	22.6	67.8

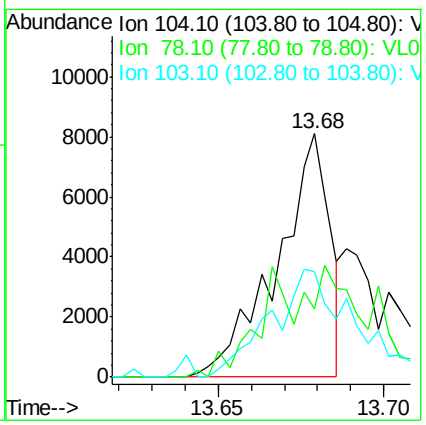


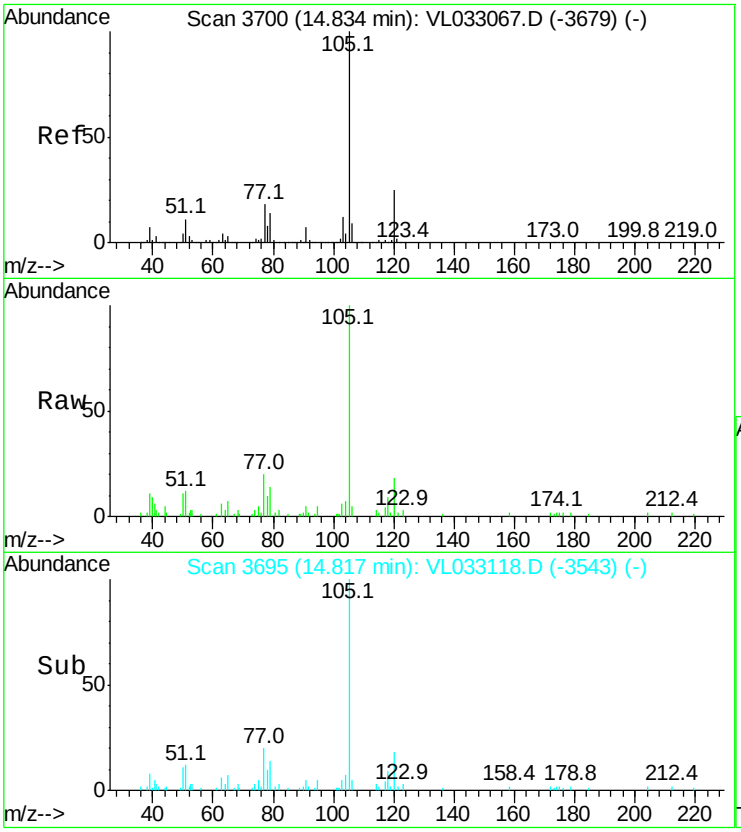


#61
Styrene
Concen: 0.034 ppbv
RT: 13.68 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:104 Resp: 8980

Ion	Ratio	Lower	Upper
104	100		
78	82.8	41.4	62.0#
103	76.5	37.8	56.6#



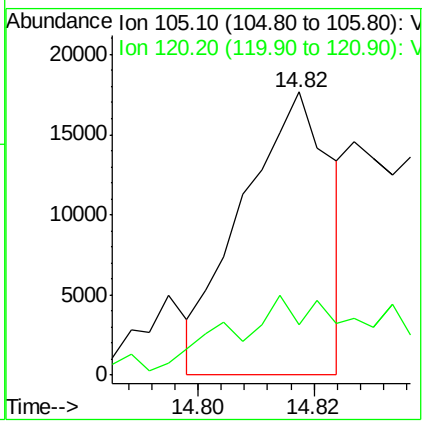


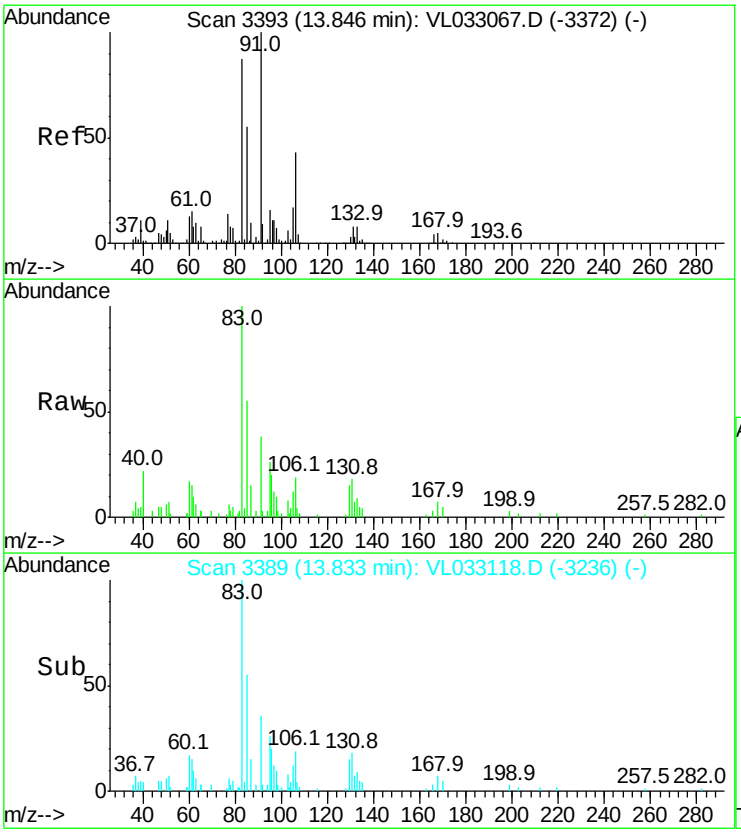
#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 18725

Ion	Ratio	Lower	Upper
105	100		
120	59.0	20.4	30.6#

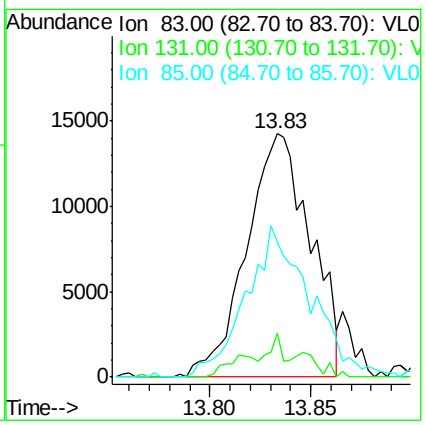


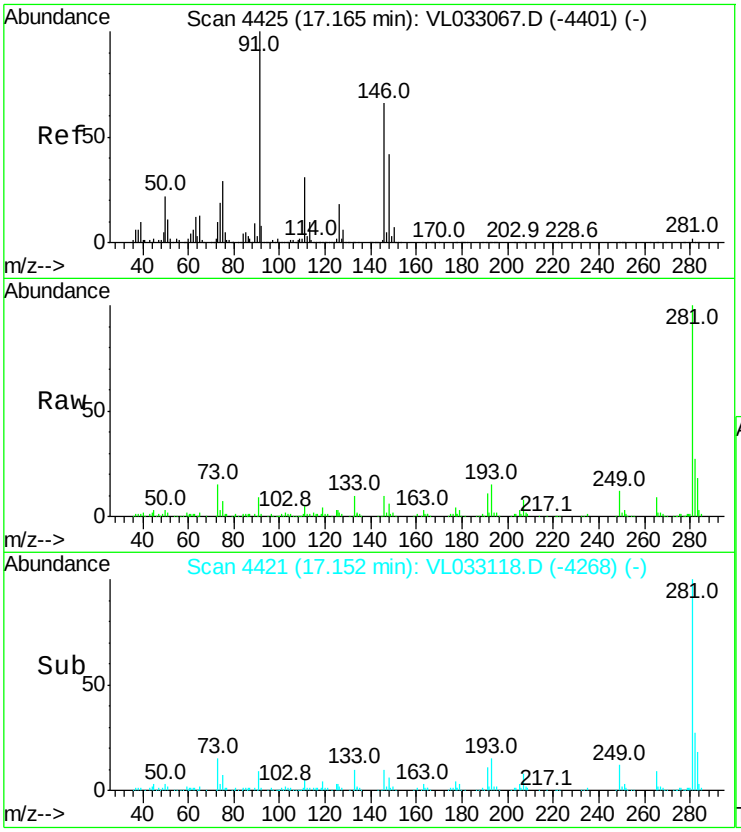


#63
1,1,2,2-Tetrachloroethane
Concen: 0.101 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 83 Resp: 31440

Ion	Ratio	Lower	Upper
83	100		
131	12.4	4.9	14.6
85	63.5	32.5	97.4



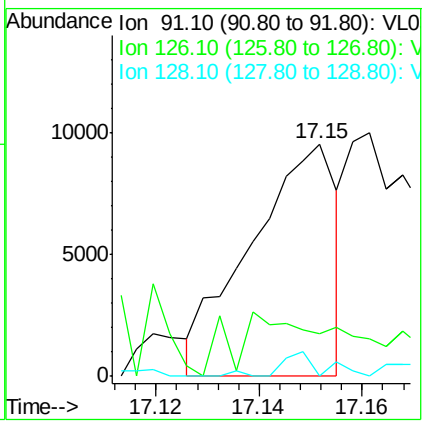


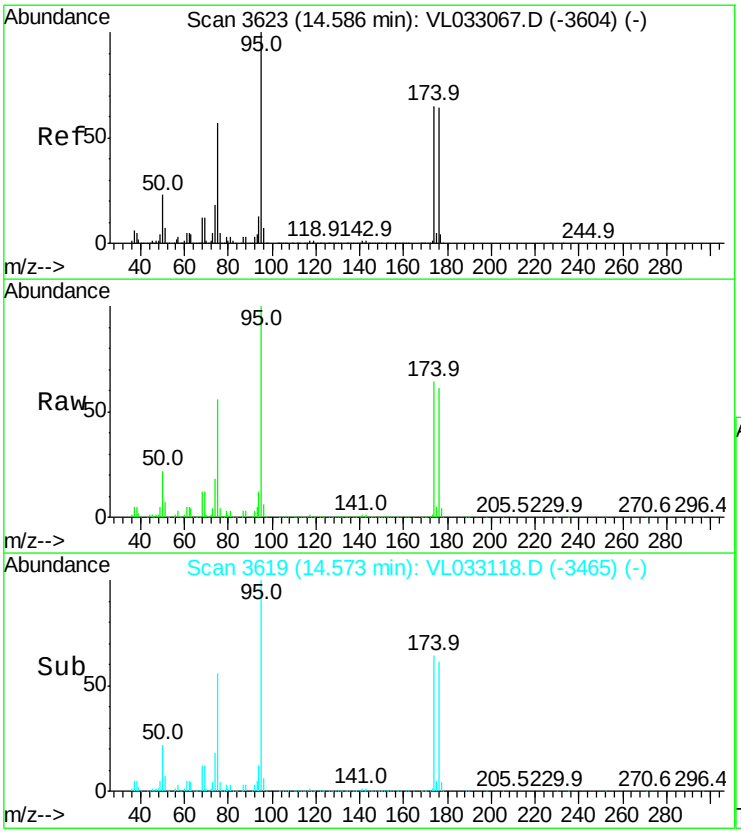
#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 11016

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.3	21.5#
128	0.0	4.6	7.0#

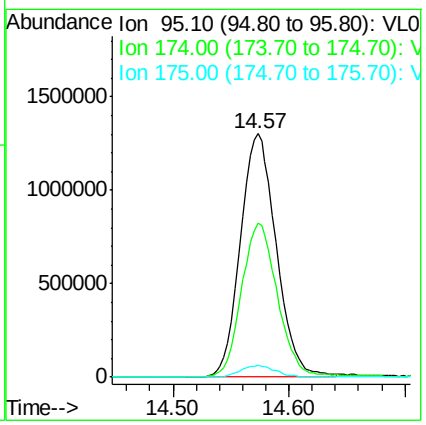


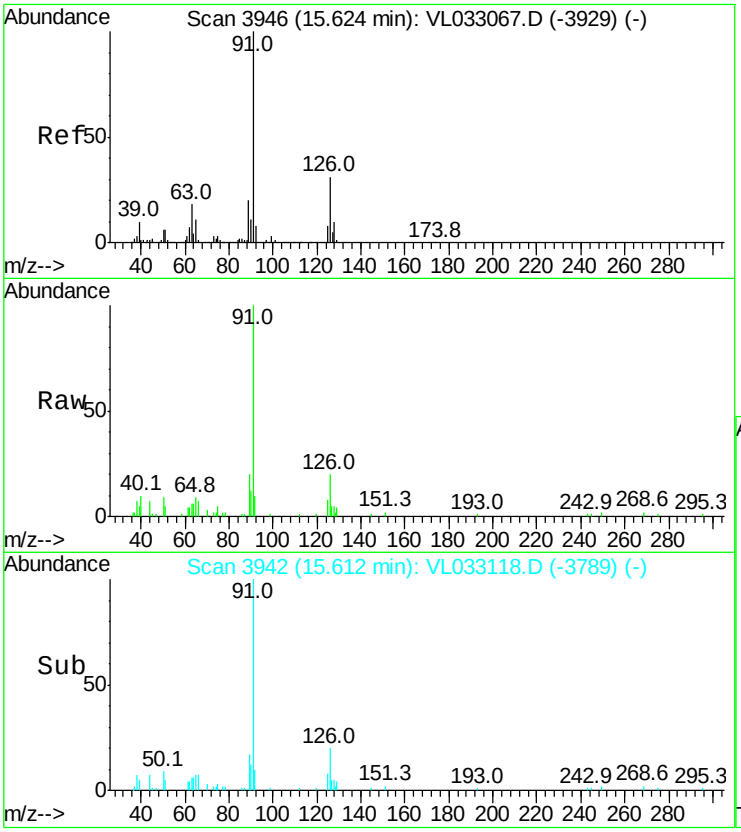


#68
1-Bromo-4-Fluorobenzene
Concen: 9.960 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion: 95 Resp: 2802664

Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.4	77.2
175	4.9	4.0	6.0



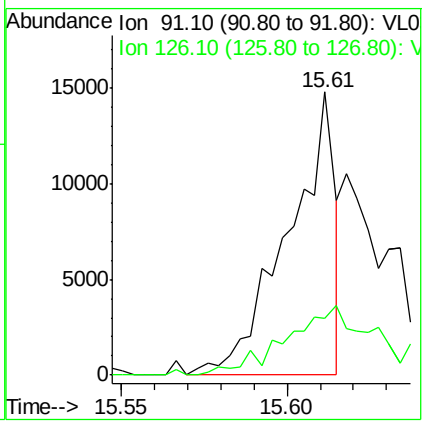


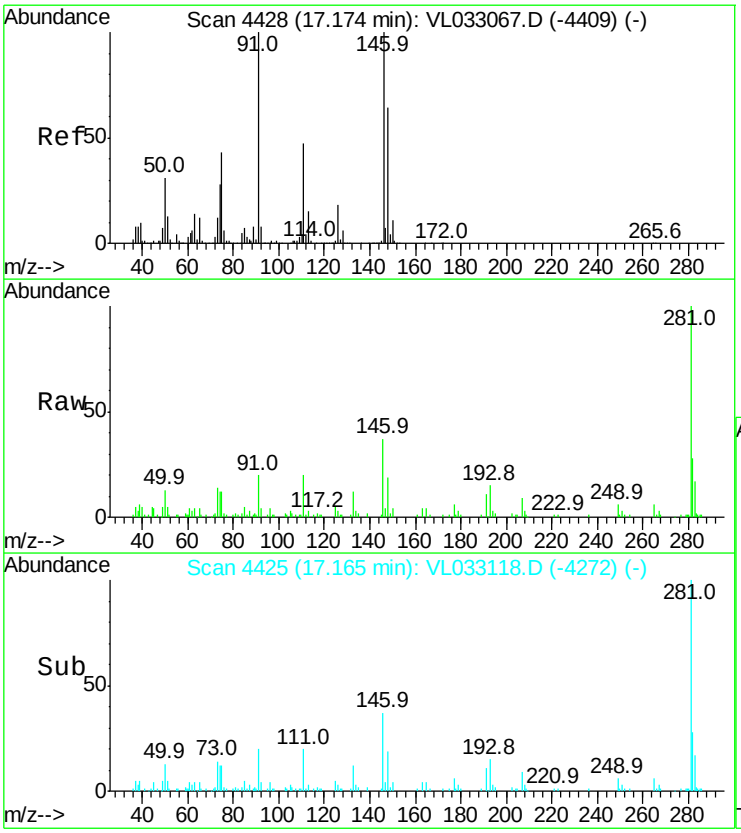
#71
2-Chlorotoluene
Concen: 0.034 ppbv
RT: 15.61 min Scan# 3942
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 14506

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.4	49.8#

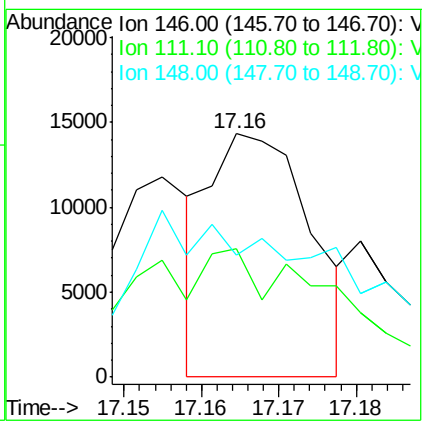


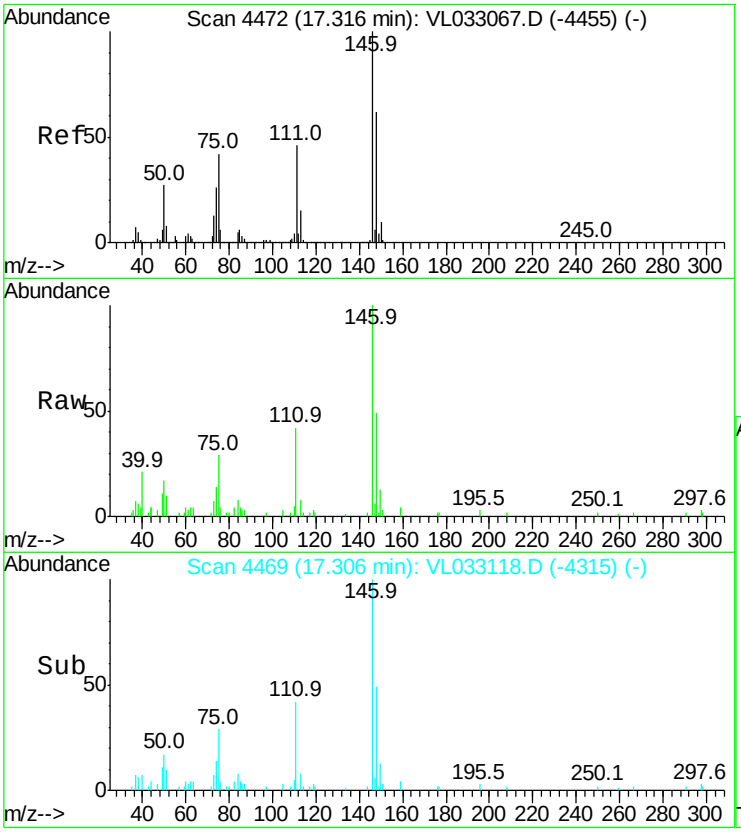


#75
1,3-Dichlorobenzene
Concen: 0.044 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:146 Resp: 13031

Ion	Ratio	Lower	Upper
146	100		
111	186.2	23.4	70.0#
148	0.0	32.1	96.3#



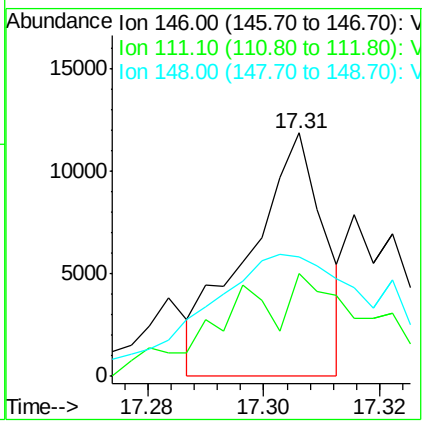


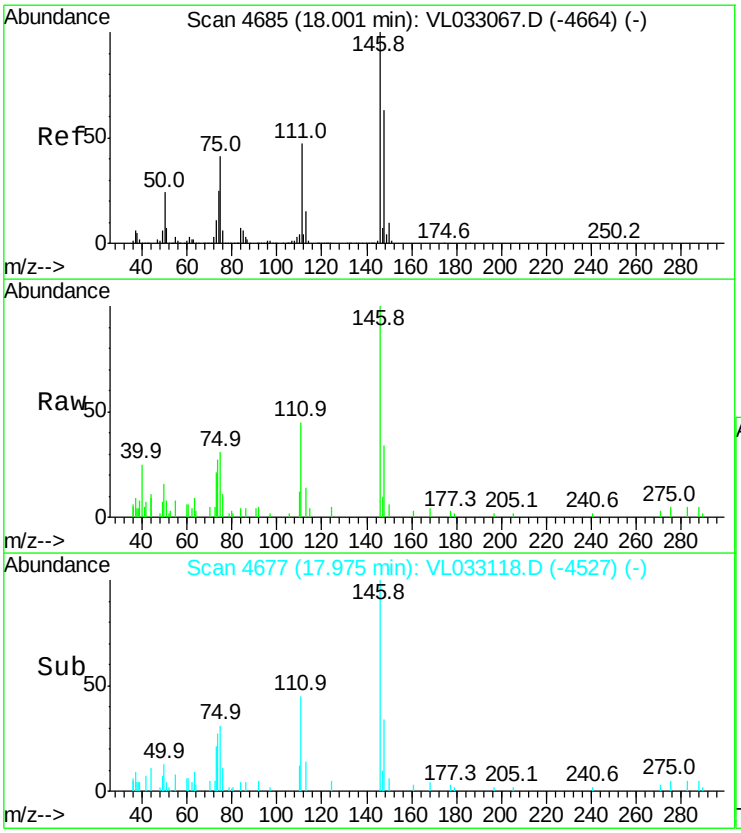
#76
1,4-Dichlorobenzene
Concen: 0.040 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.00 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 10889

Ion	Ratio	Lower	Upper
146	100		
111	89.9	22.7	68.0#
148	140.5	32.1	96.3#

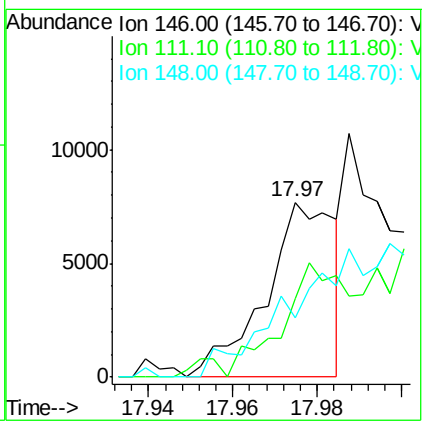


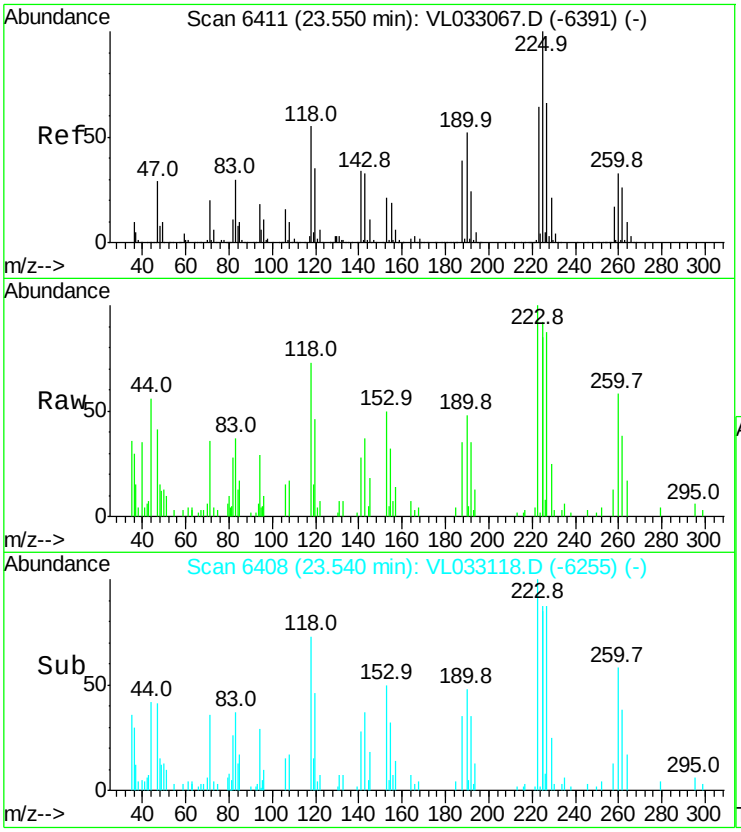


#77
1,2-Dichlorobenzene
Concen: 0.033 ppbv
RT: 17.97 min Scan# 4677
Delta R.T. -0.02 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Tgt Ion:146 Resp: 8758

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	0.0	32.6	97.7#





#78
Hexachloro-1,3-Butadiene
Concen: 0.062 ppbv
RT: 23.54 min Scan# 6408
Delta R.T. -0.01 min
Lab File: VL033118.D
Acq: 28 Jan 2019 18:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 12740

Ion	Ratio	Lower	Upper
225	100		
223	103.8	50.5	75.7#
227	105.6	51.0	76.4#