Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

Quantitation Report (Not Reviewed)

Data File : VL031853.D
Acq On : 12 Apr 2018 1:36
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Apr 12 04:18:41 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 12 04:17:02 2018
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1249455	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	2905050	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2807373	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	2291240	10.86	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	307386	1.32	ppbv		96
3) Chlorodifluoromethane	3.10	51	169758	1.06	ppbv		99
4) Chloromethane	3.26	50	82660	1.03	ppbv		97
5) Vinyl Chloride	3.39	62	88083	1.09	ppbv		99
6) Bromomethane	3.61	94	62198	1.13	ppbv		99
7) Chloroethane	3.70	64	36976	1.11	ppbv		100
8) Dichlorotetrafluoroethane	3.31	85	245629	1.14	ppbv		100
9) Propene	3.13	41	52343	0.82	ppbv		93
10) Heptane	8.38	43	172470	0.91	ppbv		99
11) Trichlorofluoromethane	4.11	101	283112	1.21	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.67	101	184243	1.19	ppbv		99
13) Ethanol	3.76	45	12522	0.62	ppbv	#	58
14) Bromoethene	3.89	108	69432	1.10	ppbv		99
15) Acetone	4.02	43	230228	1.10	ppbv		99
16) 1,3-Butadiene	3.46	39	82888	1.09	ppbv		97
17) tert-Butyl alcohol	4.48	59	41309	0.43	ppbv	#	72
18) 1,1-Dichloroethene	4.47	96	76291	1.09	ppbv		88
19) Isopropyl Alcohol	4.14	45	122277	1.07	ppbv	#	96
20) Methylene Chloride	4.52	84	46424	0.66	ppbv		96
21) Allyl Chloride	4.59	41	115411	1.03	ppbv		94
22) trans-1,2-Dichloroethene	5.09	96	78398	1.05	ppbv		98
23) Vinyl Acetate	5.28	43	209536	0.91	ppbv	#	97
24) 1,1-Dichloroethane	5.21	63	208998	1.08	ppbv		99
25) Ethyl Acetate	5.90	43	320573	0.99	ppbv		100
26) Hexane	5.91	57	148824	1.00	ppbv		95
27) Carbon Disulfide	4.74	76	187724	1.15	ppbv		99
28) Methyl tert-Butyl Ether	5.25	73	180306	0.89	ppbv		99
29) Chloroform	5.97	83	262805	1.11	ppbv		97
30) Cyclohexane	7.39	84	104257	0.88	ppbv		97
31) cis-1,2-Dichloroethene	5.77	61	133851	0.97	ppbv	#	92
32) 1,1,1-Trichloroethane	6.75	97	247724	1.00	ppbv		99
34) 2-Butanone	5.46	43	211260	1.06	ppbv		98
35) Carbon Tetrachloride	7.27	117	255175	1.17	ppbv		93
36) Benzene	7.14	78	276255	1.01	ppbv		98
37) 1,2-Dichloroethane	6.55	62	209299	1.15	ppbv		97
38) Trichloroethene	8.10	130	110284	1.00	ppbv		90
39) 1,2-Dichloropropane	7.88	63	103549	1.05	ppbv		96
41) Tetrahydrofuran	6.29	42	40571	0.41	ppbv	#	33
42) Bromodichloromethane	8.06	83	240324	1.11	ppbv		93
43) Methyl Methacrylate	8.28	69	92701	0.96	ppbv		100
44) 2,2,4-Trimethylpentane	8.13	57	485726	1.09	ppbv		97

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

Quantitation Report (Not Reviewed)

Data File : VL031853.D
Acq On : 12 Apr 2018 1:36
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Apr 12 04:18:41 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 12 04:17:02 2018
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.56	75	107356	0.82	ppbv	#	76
46) cis-1,3-Dichloropropene	8.98	75	147409	0.90	ppbv		92
47) 1,1,2-Trichloroethane	9.76	97	123402	1.09	ppbv		93
48) Dibromochloromethane	10.60	129	101684	0.58	ppbv	#	18
49) Bromoform	13.35	173	145121	1.12	ppbv		98
50) 4-Methyl-2-Pentanone	9.03	43	243683	1.06	ppbv		98
51) 2-Hexanone	10.43	43	89572	0.42	ppbv	#	14
52) Tetrachloroethene	11.52	164	61720	0.56	ppbv		93
53) Toluene	10.09	91	301619	0.96	ppbv		97
54) 1,2-Dibromoethane	10.91	107	173010	1.01	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.43	131	150193	1.16	ppbv	#	1
57) Chlorobenzene	12.45	112	264483	1.05	ppbv		96
58) Ethyl Benzene	13.01	91	411504	0.92	ppbv		93
59) m/p-Xylene	13.30	91	361997	0.98	ppbv	#	100
60) o-Xylene	14.00	91	375580	1.01	ppbv		100
61) Styrene	13.83	104	59954	0.73	ppbv		98
62) Isopropylbenzene	14.97	105	481506	1.02	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.98	83	276496	1.14	ppbv		99
64) n-propylbenzene	15.87	120	113372	1.00	ppbv		88
65) tert-Butylbenzene	17.06	119	418525	1.04	ppbv		97
66) Benzyl Chloride	17.30	91	26061	0.76	ppbv	#	90
67) sec-Butylbenzene	17.61	105	253041	0.45	ppbv	#	50
69) p-Isopropyltoluene	17.96	119	458449	1.01	ppbv		98
70) n-Butylbenzene	18.86	91	468627	1.05	ppbv		99
71) 2-Chlorotoluene	15.76	91	340529	0.96	ppbv		100
72) 4-Ethyltoluene	16.15	105	372074	1.00	ppbv		98
73) 1,3,5-Trimethylbenzene	16.30	105	344652	1.02	ppbv		94
74) 1,2,4-Trimethylbenzene	17.07	105	392254	1.07	ppbv		92
75) 1,3-Dichlorobenzene	17.31	146	240569	1.08	ppbv		98
76) 1,4-Dichlorobenzene	17.46	146	226972	1.00	ppbv		96
77) 1,2-Dichlorobenzene	18.14	146	140637	0.65	ppbv	#	47
78) Hexachloro-1,3-Butadiene	23.68	225	97543	1.09	ppbv		98
79) Naphthalene	22.59	128	126285	0.55	ppbv		97
80) Naphthalene,2-methyl-	25.24	142	31296	0.55	ppbv		90
81) 1,2,4-Trichlorobenzene	22.32	180	58164	0.46	ppbv	#	18

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

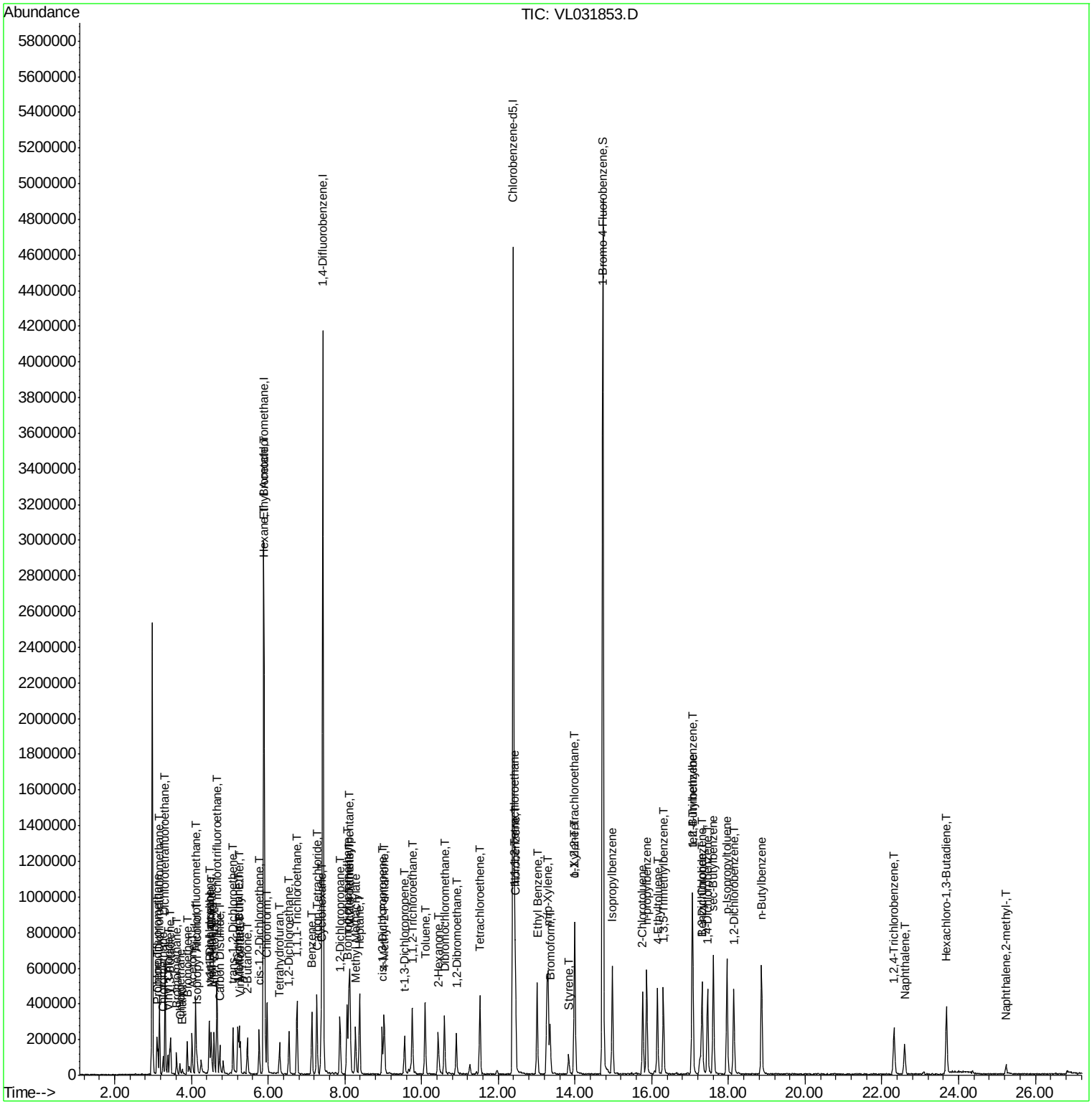
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

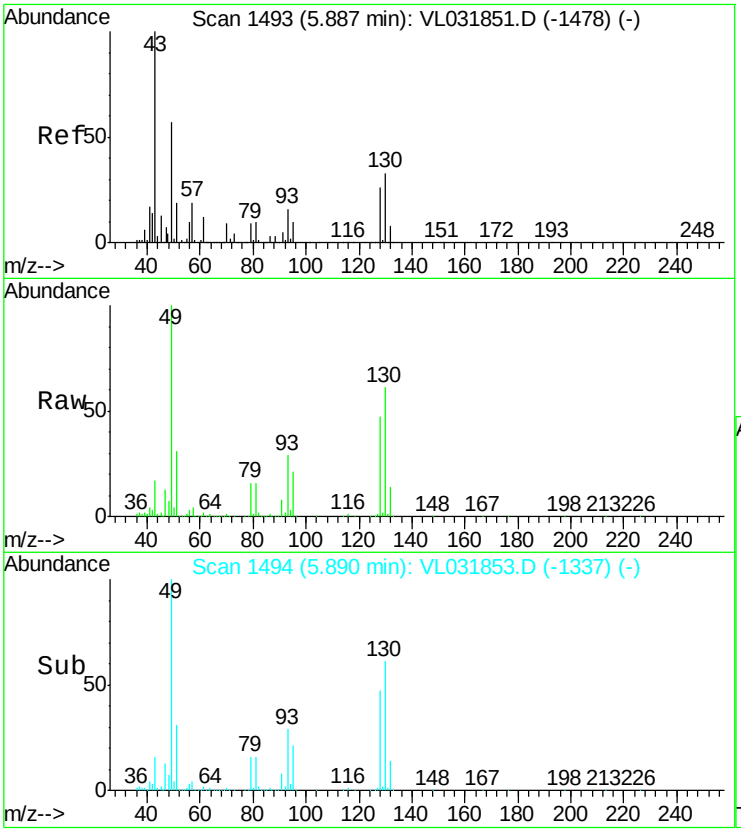
Quantitation Report (Not Reviewed)

Data File : VL031853.D
Acq On : 12 Apr 2018 1:36
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Apr 12 04:18:41 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 12 04:17:02 2018
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration



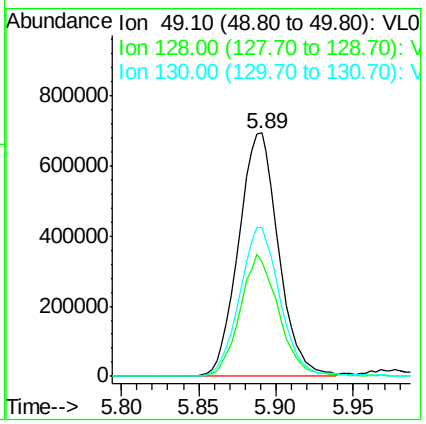


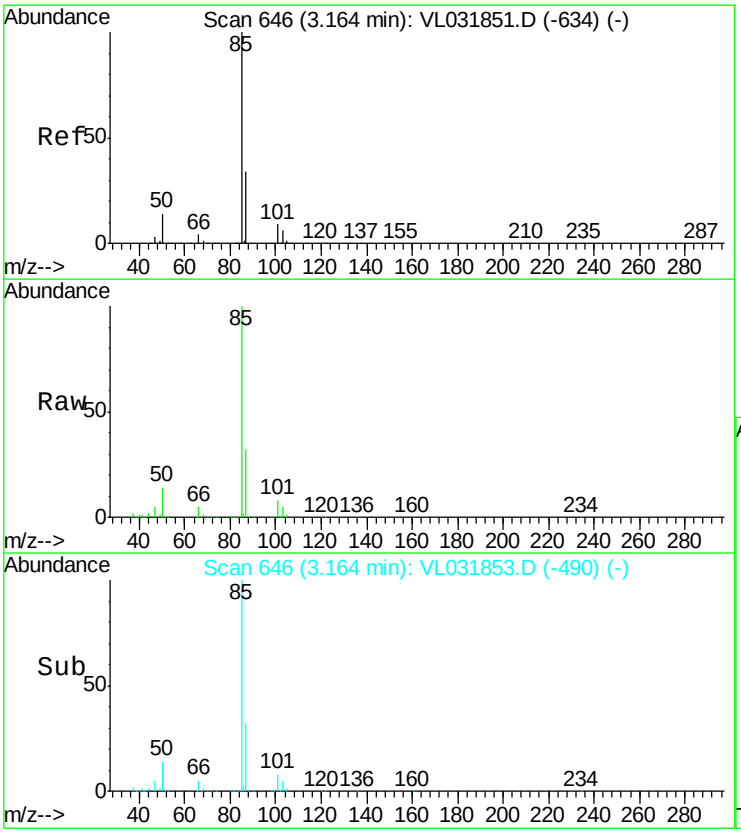
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1249455

Ion	Ratio	Lower	Upper
49	100		
128	48.8	23.9	71.8
130	62.3	31.1	93.2

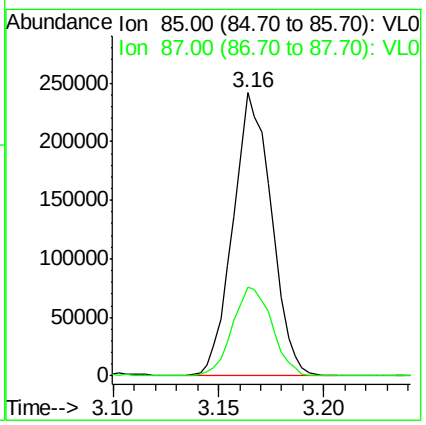


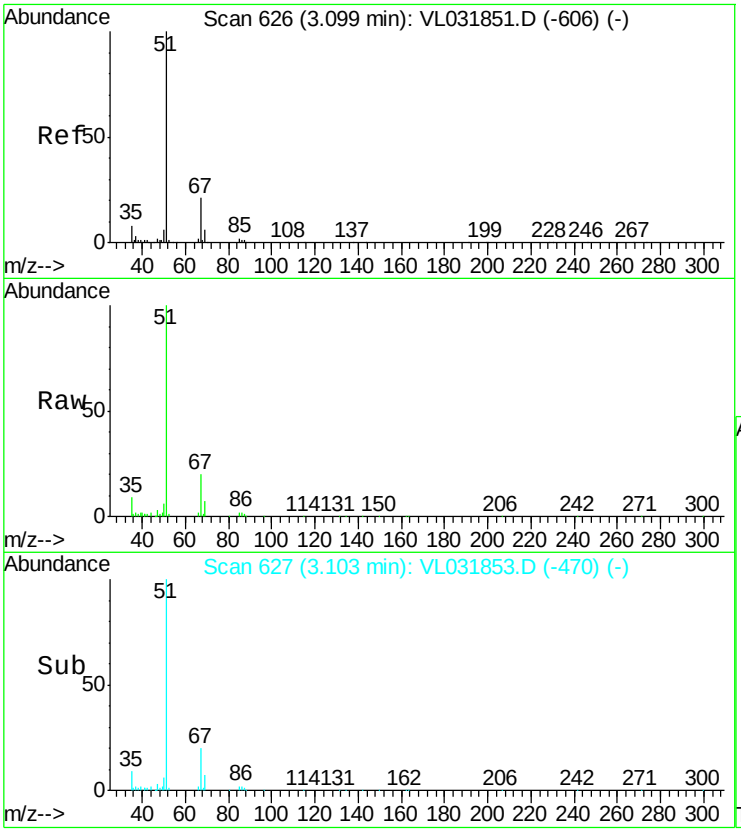


#2
Dichlorodifluoromethane
Concen: 1.32 ppbv
RT: 3.16 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 85 Resp: 307386

Ion	Ratio	Lower	Upper
85	100		
87	31.6	27.1	40.7



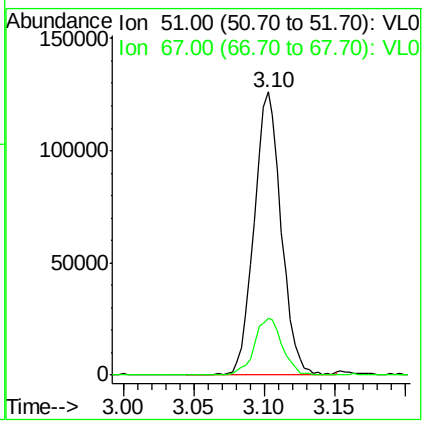


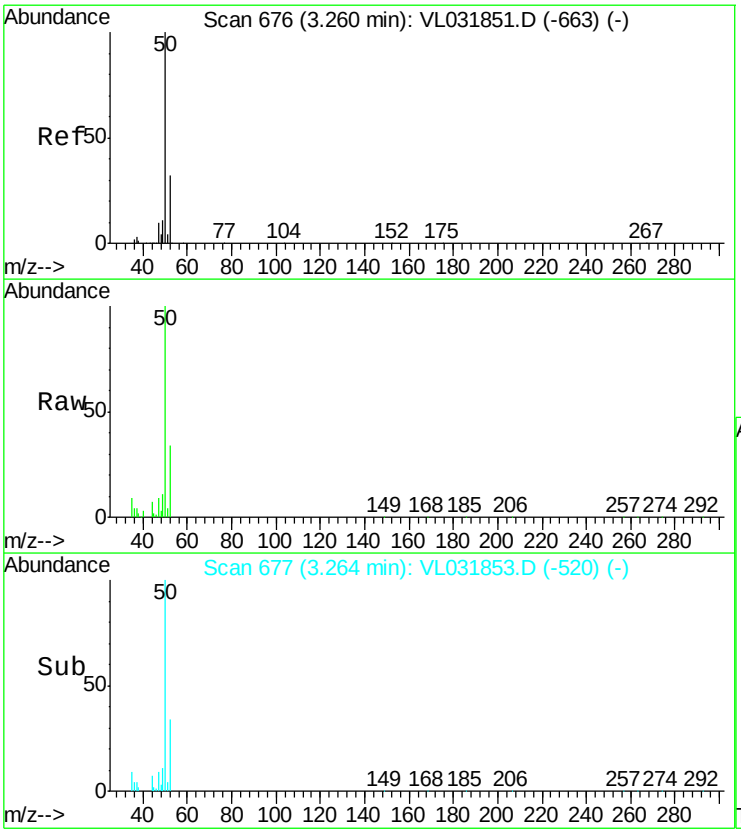
#3
Chlorodifluoromethane
Concen: 1.06 ppbv
RT: 3.10 min Scan# 627
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 169758

Ion	Ratio	Lower	Upper
51	100		
67	20.6	16.7	25.1

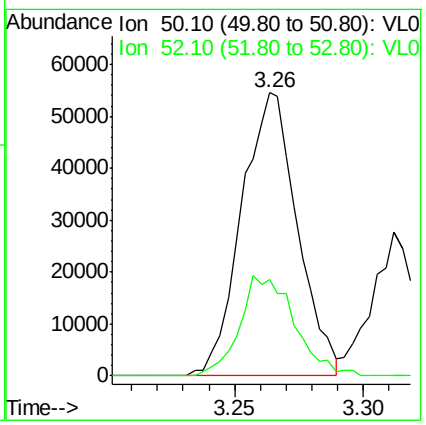


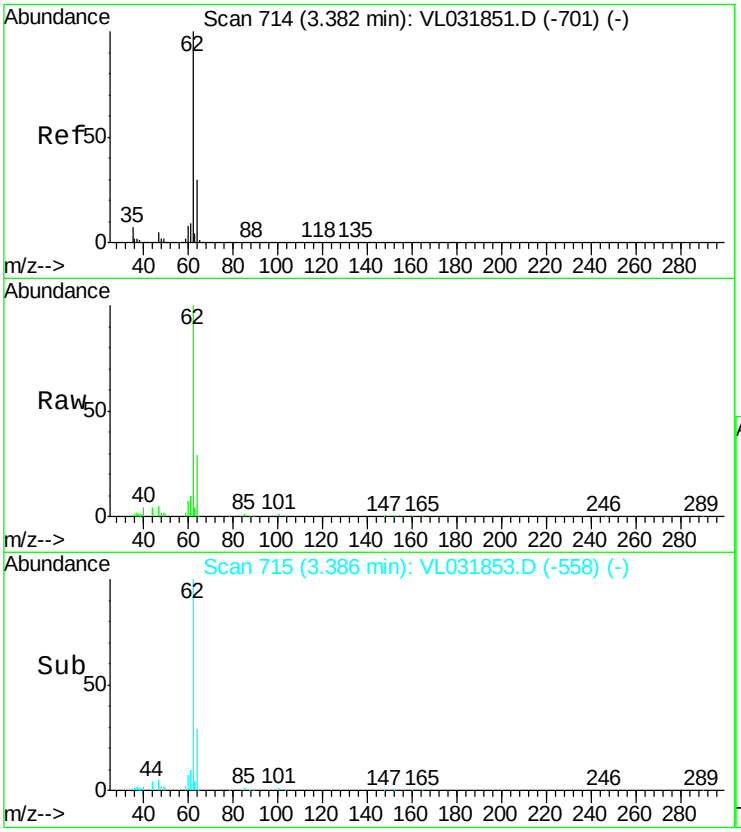


#4
Chloromethane
Concen: 1.03 ppbv
RT: 3.26 min Scan# 677
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 50 Resp: 82660

Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.0	39.0



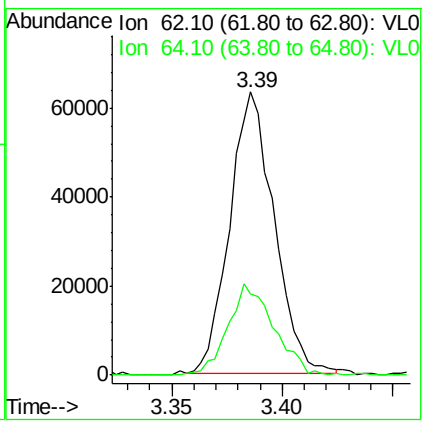


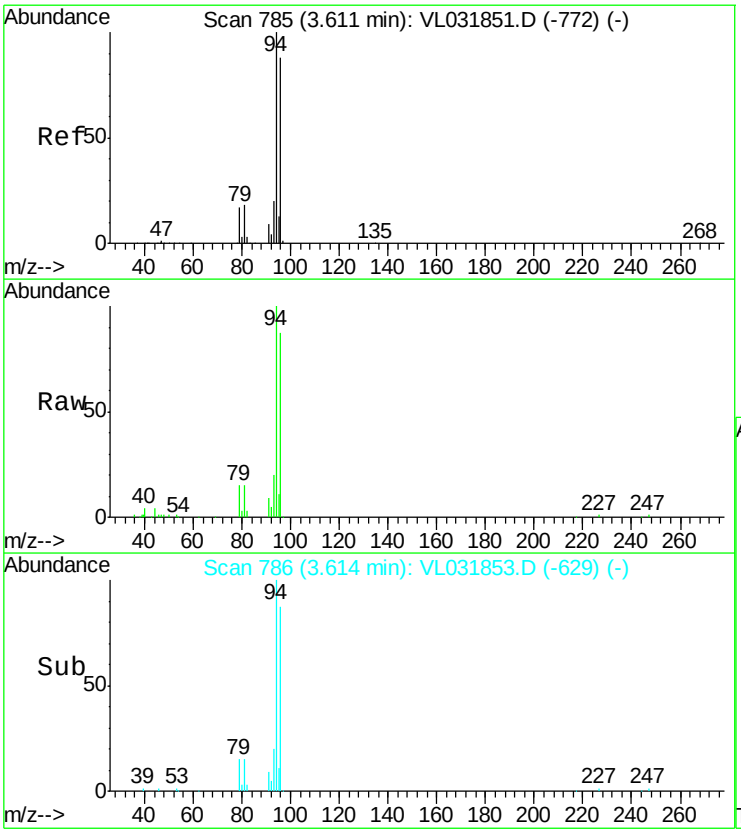
#5
Vinyl Chloride
Concen: 1.09 ppbv
RT: 3.39 min Scan# 715
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 62 Resp: 88083

Ion	Ratio	Lower	Upper
62	100		
64	29.0	23.8	35.8

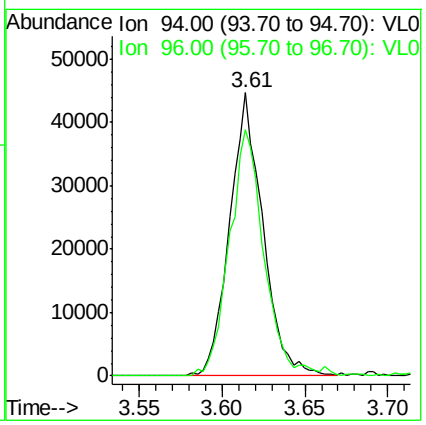


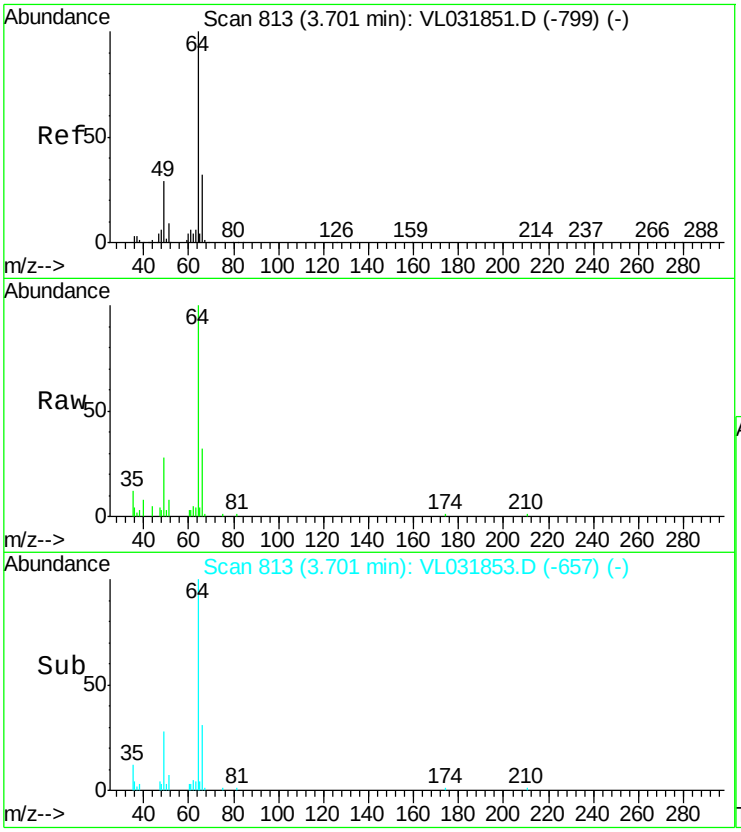


#6
Bromomethane
Concen: 1.13 ppbv
RT: 3.61 min Scan# 786
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 94 Resp: 62198

Ion	Ratio	Lower	Upper
94	100		
96	86.8	70.6	105.8



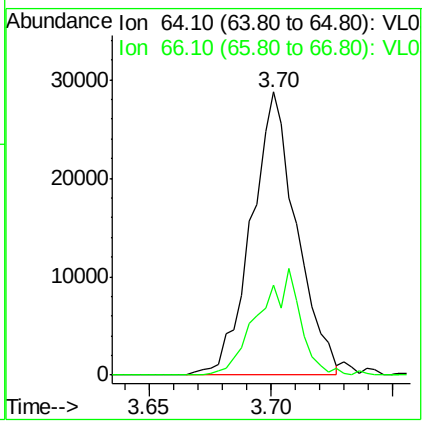


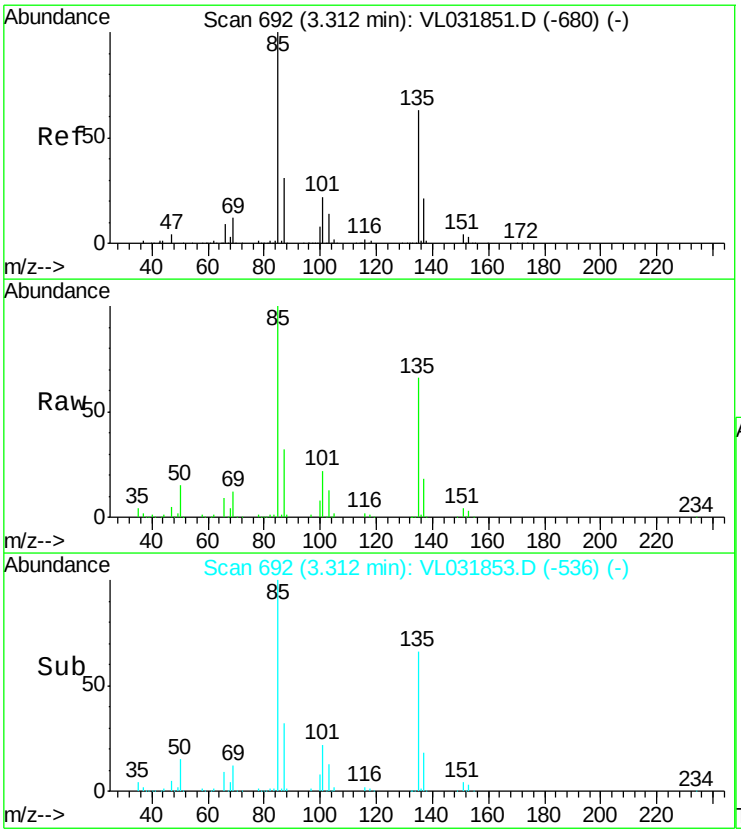
#7
Chloroethane
Concen: 1.11 ppbv
RT: 3.70 min Scan# 813
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 36976

Ion	Ratio	Lower	Upper
64	100		
66	31.9	25.5	38.3

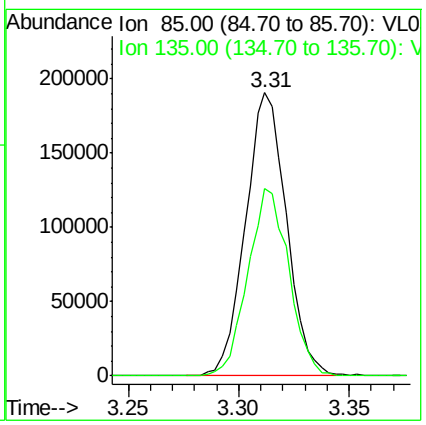


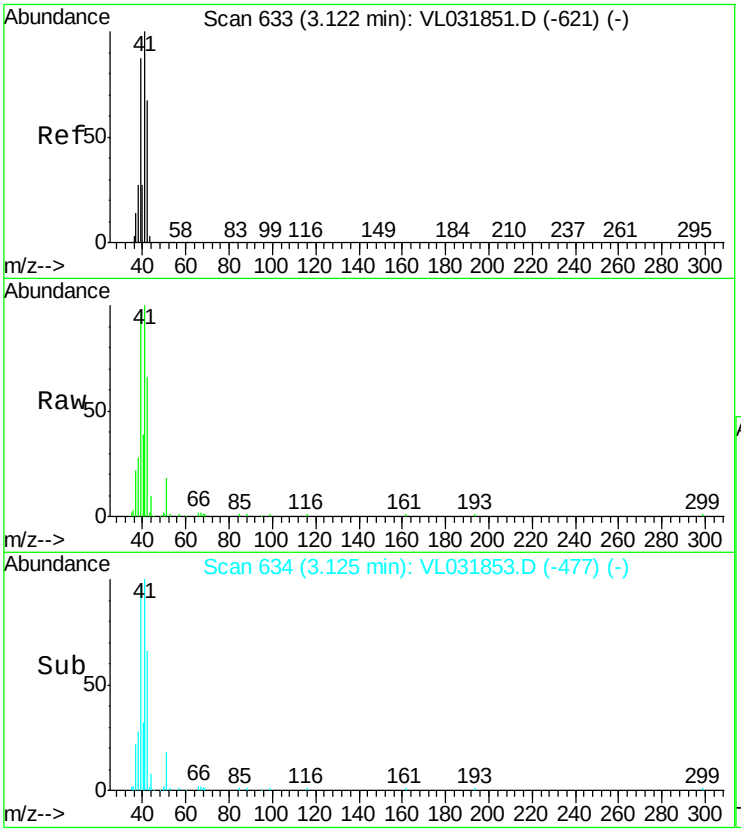


#8
Dichlorotetrafluoroethane
Concen: 1.14 ppbv
RT: 3.31 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 85 Resp: 245629

Ion	Ratio	Lower	Upper
85	100		
135	65.9	52.6	79.0



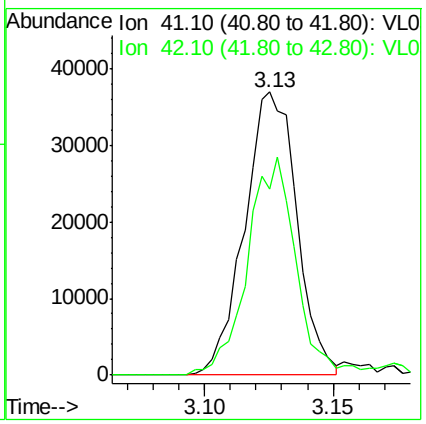


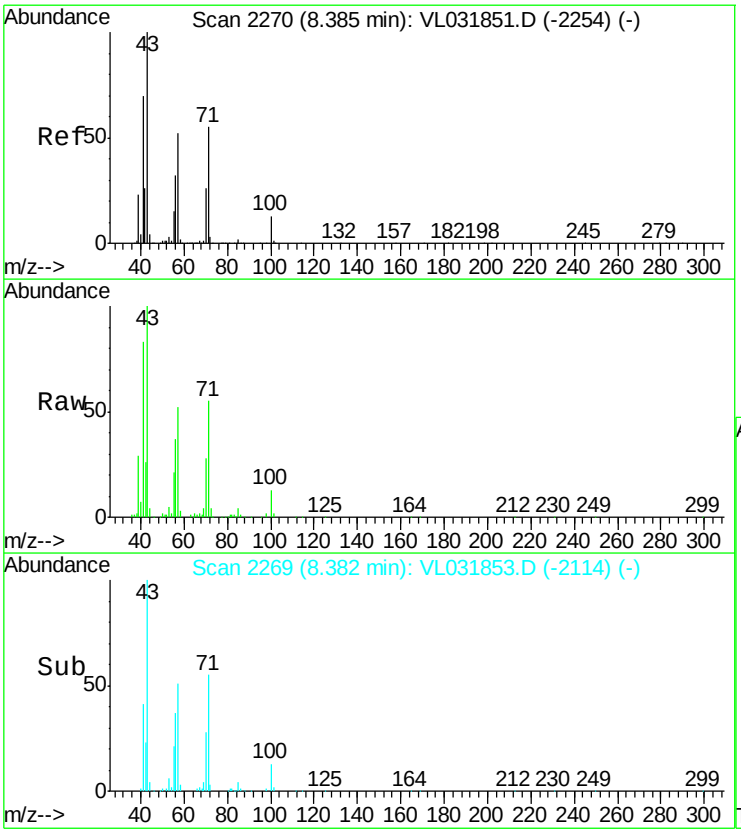
#9
Propene
Concen: 0.82 ppbv
RT: 3.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 52343

Ion	Ratio	Lower	Upper
41	100		
42	73.9	54.3	81.5

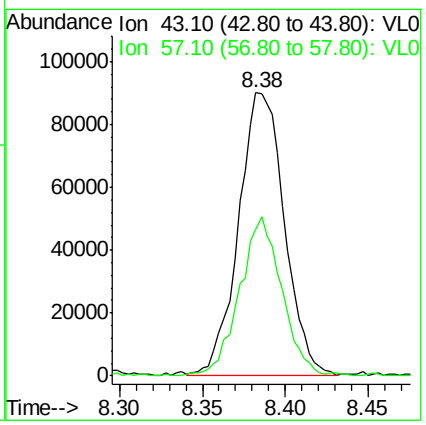


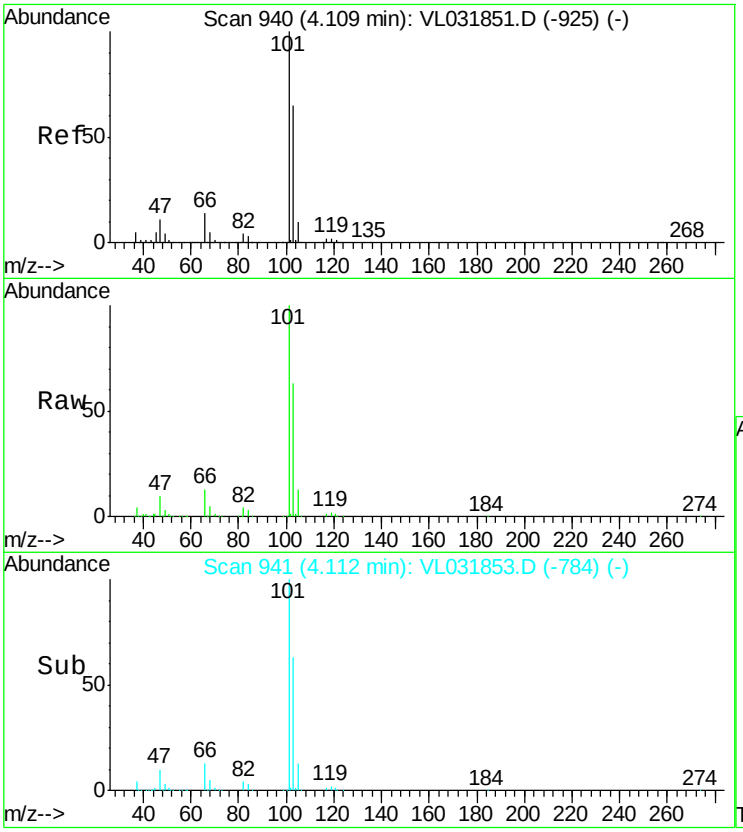


#10
Heptane
Concen: 0.91 ppbv
RT: 8.38 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 43 Resp: 172470

Ion	Ratio	Lower	Upper
43	100		
57	52.3	41.4	62.2



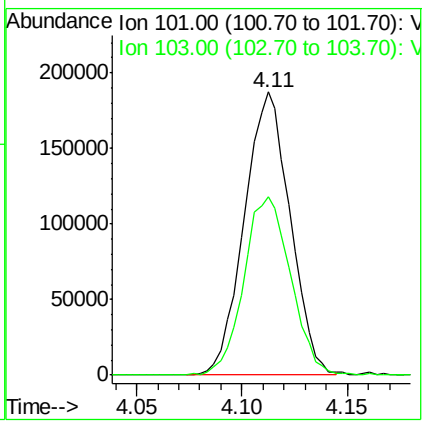


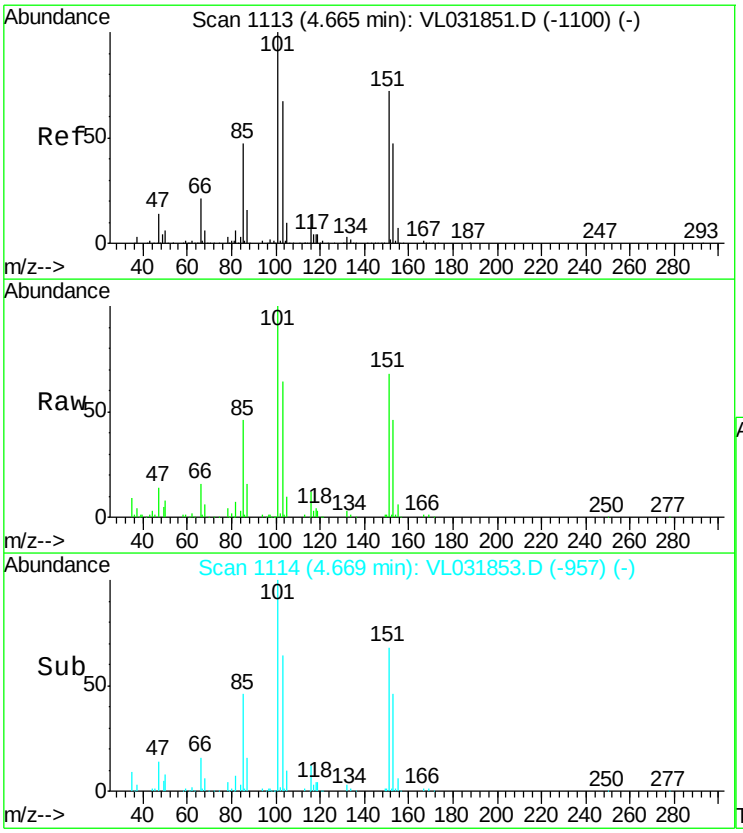
#11
Trichlorofluoromethane
Concen: 1.21 ppbv
RT: 4.11 min Scan# 941
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 283112

Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.8	77.6

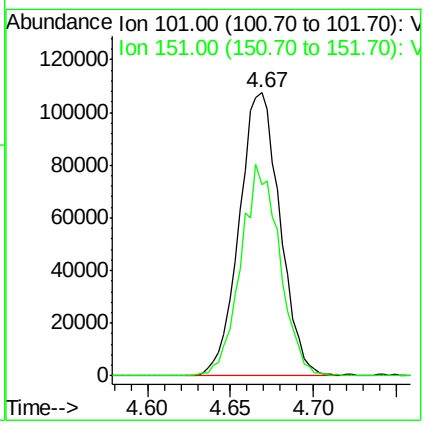


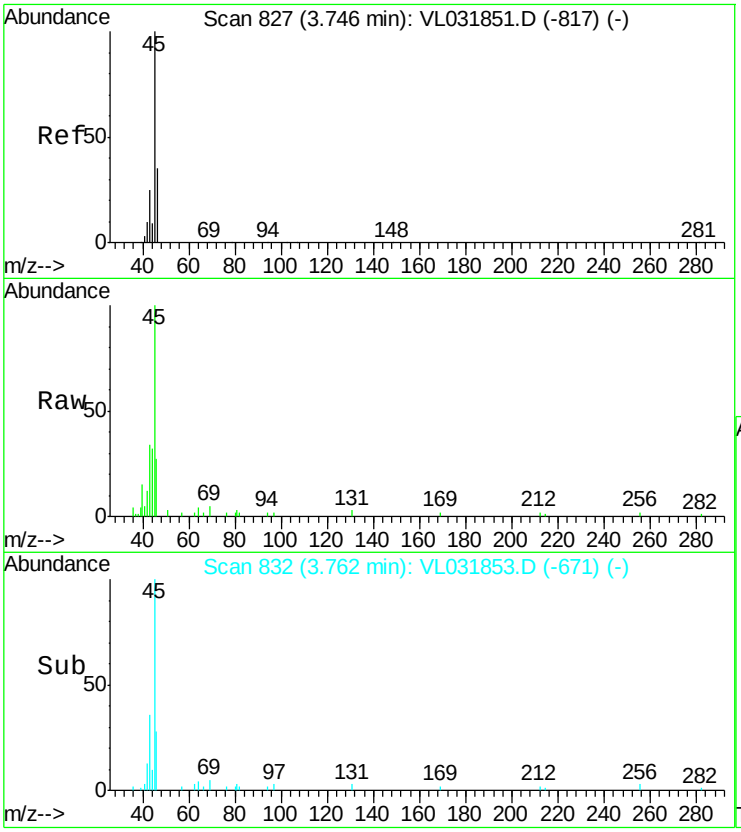


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.19 ppbv
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:101 Resp: 184243

Ion	Ratio	Lower	Upper
101	100		
151	71.1	57.7	86.5



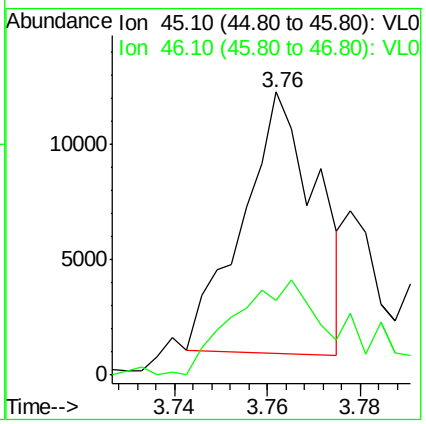


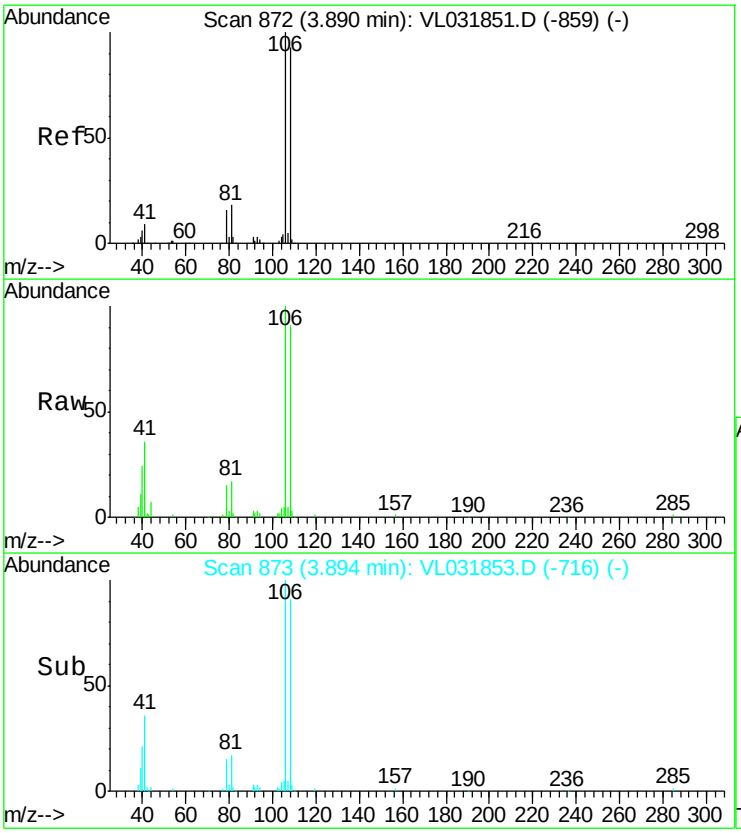
#13
Ethanol
Concen: 0.62 ppbv
RT: 3.76 min Scan# 832
Delta R.T. 0.02 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 45 Resp: 12522

Ion	Ratio	Lower	Upper
45	100		
46	61.2	14.6	58.4#

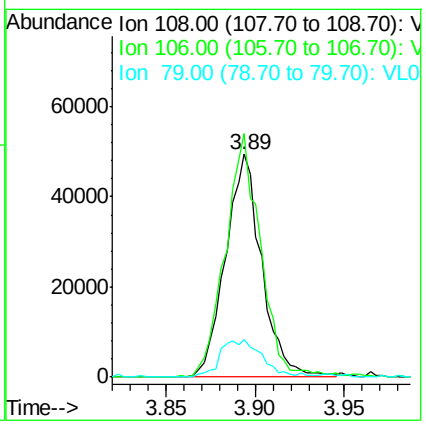


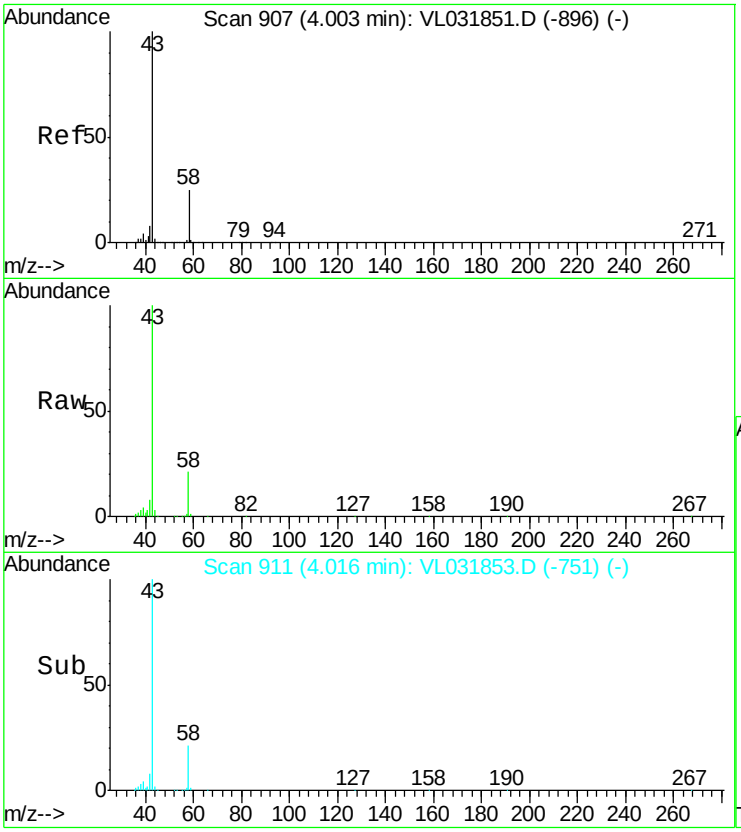


#14
Bromoethene
Concen: 1.10 ppbv
RT: 3.89 min Scan# 873
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:108 Resp: 69432

Ion	Ratio	Lower	Upper
108	100		
106	107.8	86.9	130.3
79	19.6	15.5	23.3



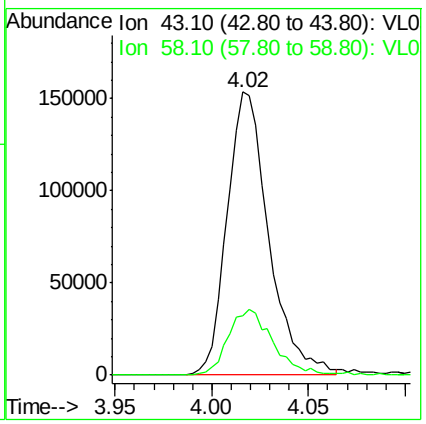


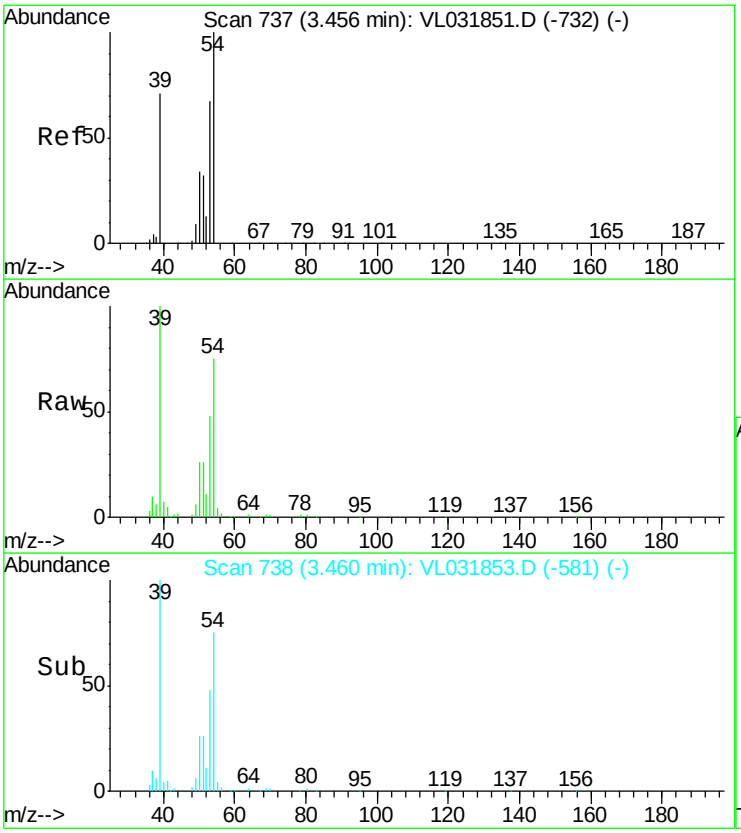
#15
Acetone
Concen: 1.10 ppbv
RT: 4.02 min Scan# 911
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 230228

Ion	Ratio	Lower	Upper
43	100		
58	25.5	20.7	31.1

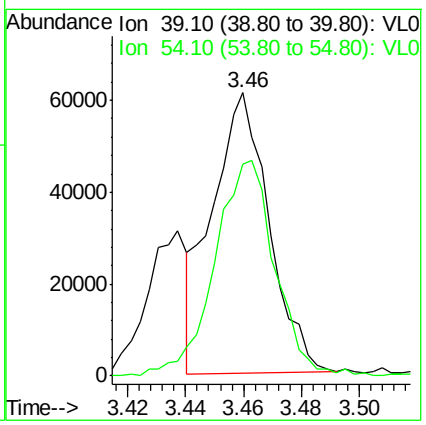


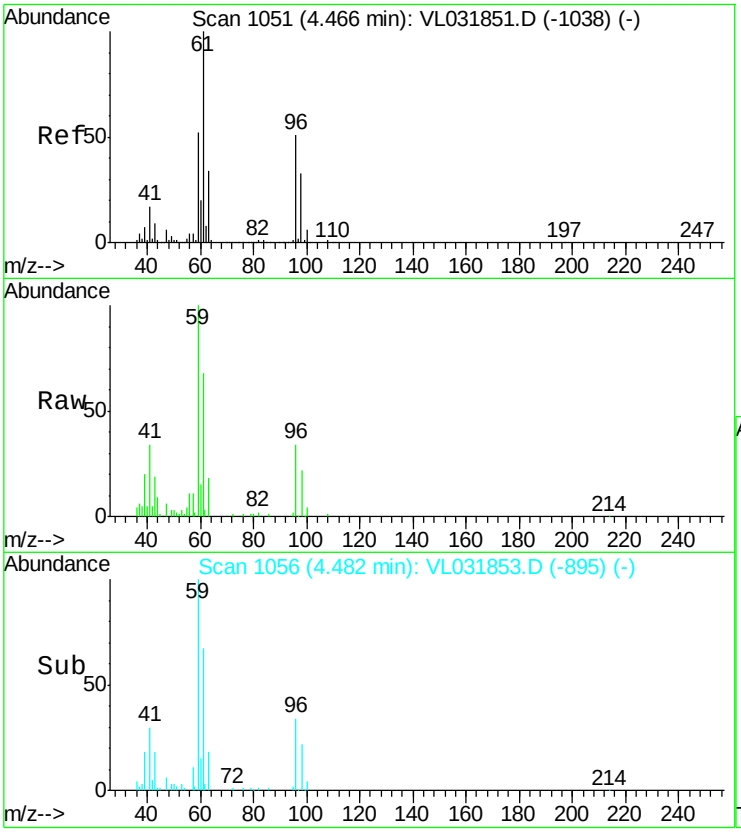


#16
1,3-Butadiene
Concen: 1.09 ppbv
RT: 3.46 min Scan# 738
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 39 Resp: 82888

Ion	Ratio	Lower	Upper
39	100		
54	81.7	67.5	101.3



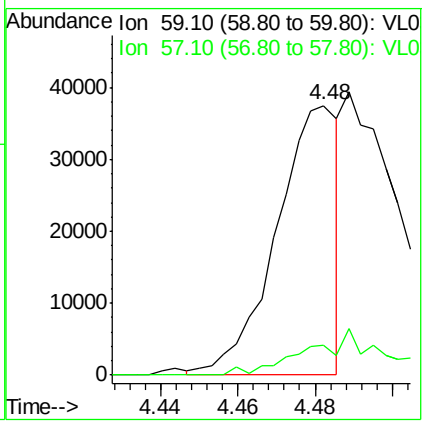


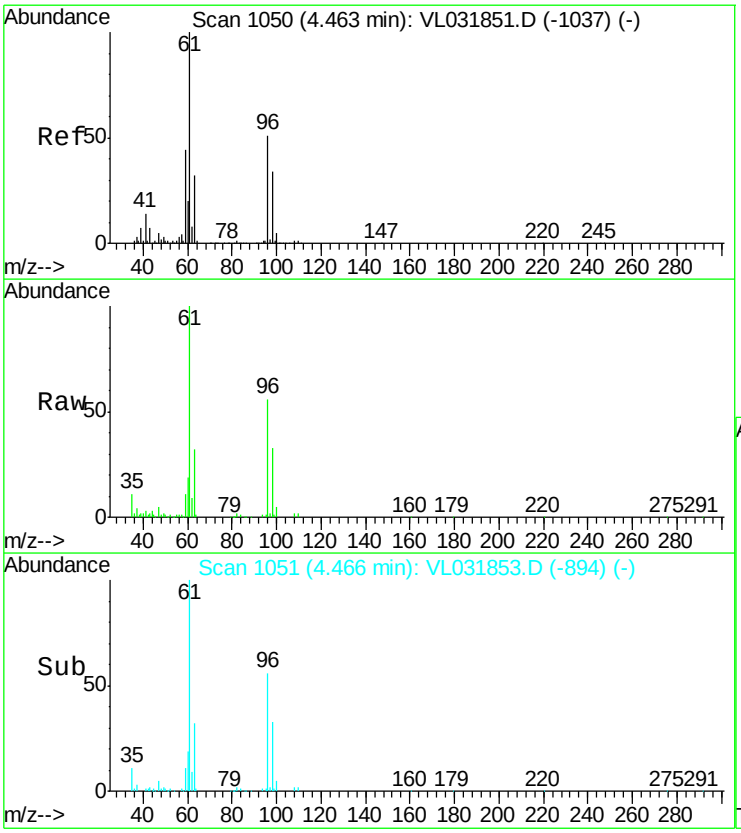
#17
tert-Butyl alcohol
Concen: 0.43 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. 0.02 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 59 Resp: 41309

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

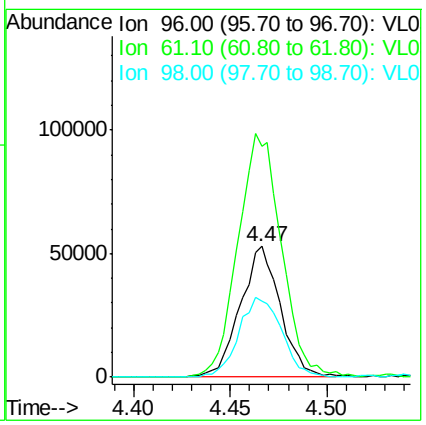


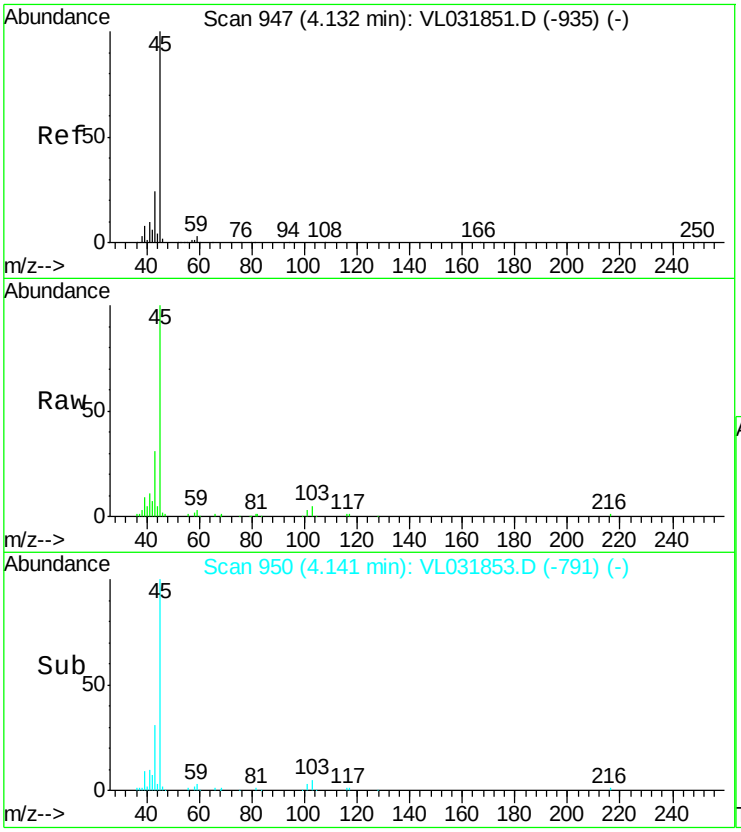


#18
1,1-Dichloroethene
Concen: 1.09 ppbv
RT: 4.47 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 96 Resp: 76291

Ion	Ratio	Lower	Upper
96	100		
61	177.0	157.2	235.8
98	58.2	53.0	79.4



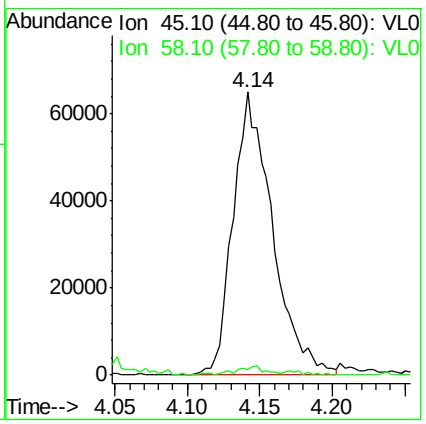


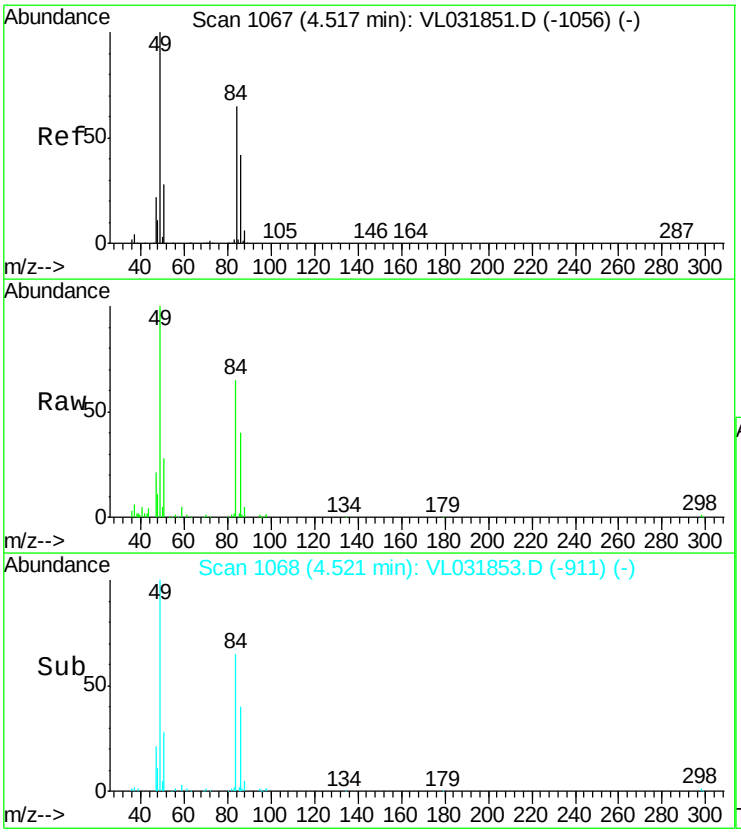
#19
Isopropyl Alcohol
Concen: 1.07 ppbv
RT: 4.14 min Scan# 950
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 122277

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.4	2.0#

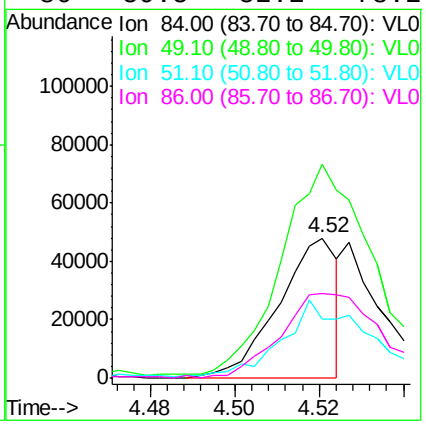


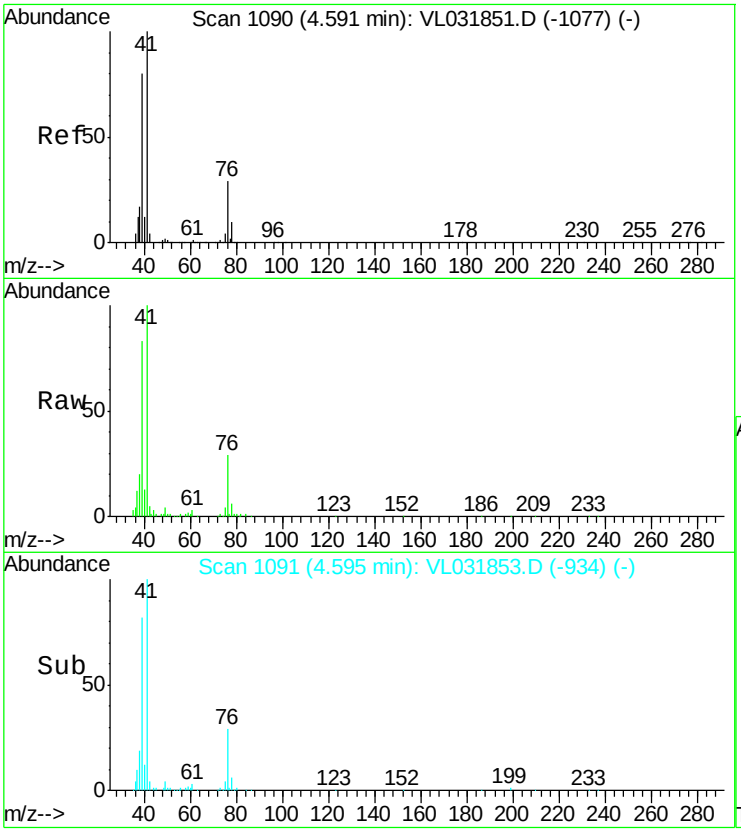


#20
Methylene Chloride
Concen: 0.66 ppbv
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 84 Resp: 46424

Ion	Ratio	Lower	Upper
84	100		
49	150.3	123.3	184.9
51	40.1	35.0	52.6
86	59.5	52.2	78.2



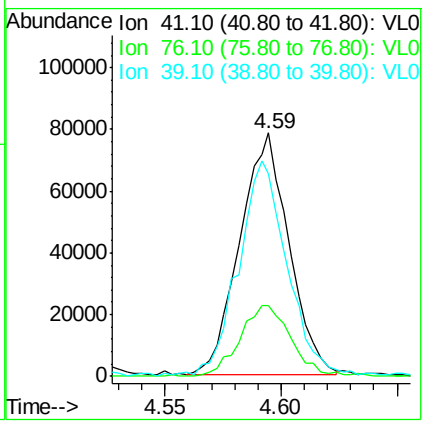


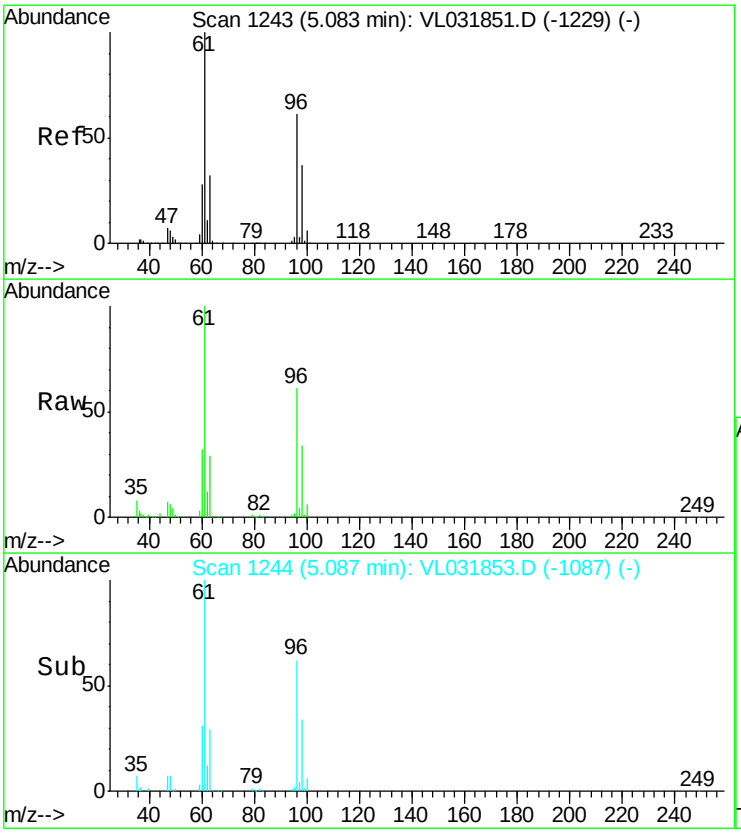
#21
Allyl Chloride
Concen: 1.03 ppbv
RT: 4.59 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 41 Resp: 115411

Ion	Ratio	Lower	Upper
41	100		
76	30.8	23.4	35.0
39	87.8	65.4	98.2

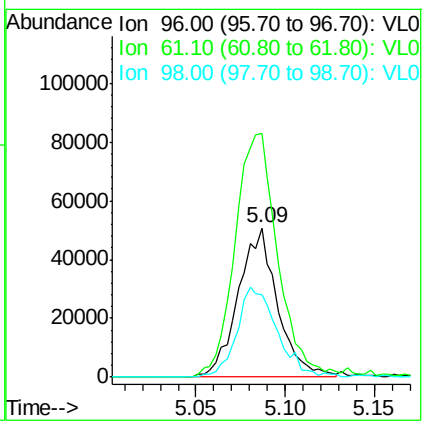


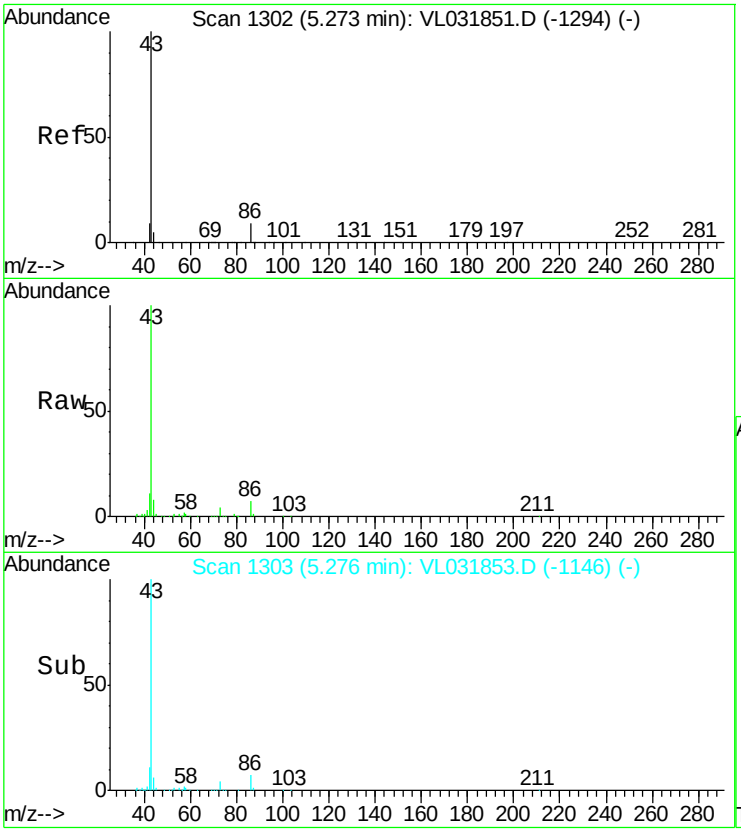


#22
trans-1,2-Dichloroethene
Concen: 1.05 ppbv
RT: 5.09 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 96 Resp: 78398

Ion	Ratio	Lower	Upper
96	100		
61	162.9	130.2	195.2
98	55.2	48.2	72.2



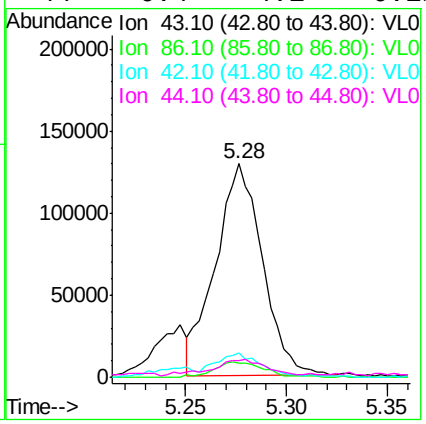


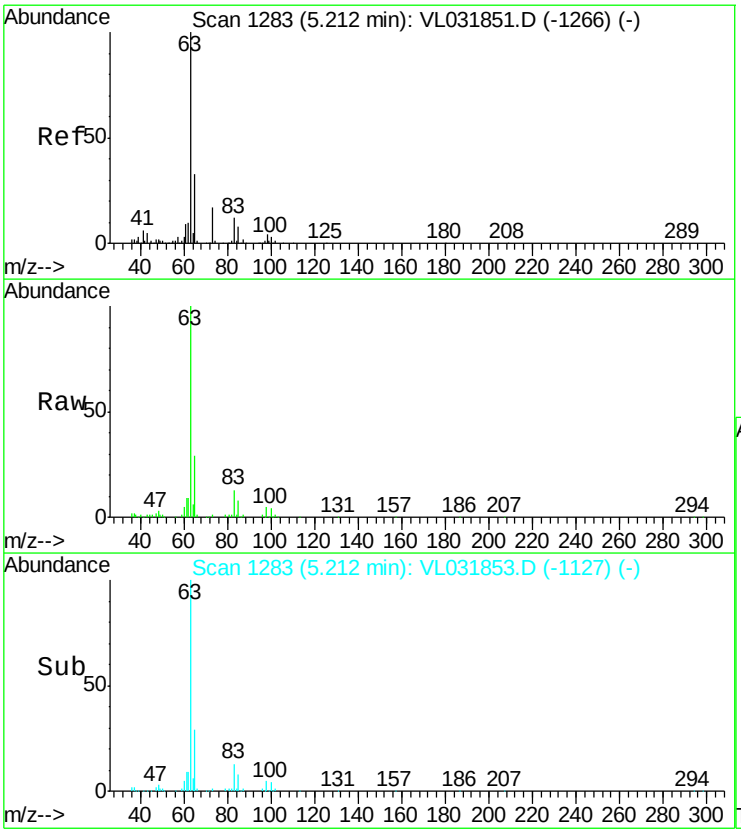
#23
Vinyl Acetate
Concen: 0.91 ppbv
RT: 5.28 min Scan# 1303
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 209536

Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.4	9.6
42	11.1	8.2	12.2
44	6.4	4.1	6.1#

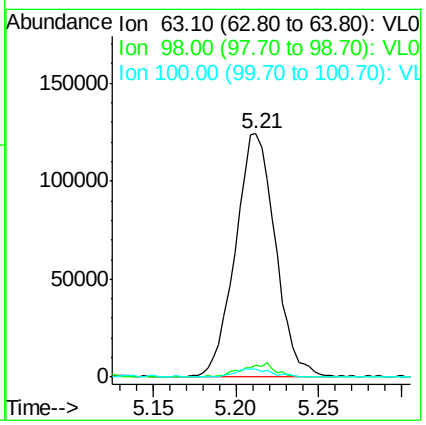


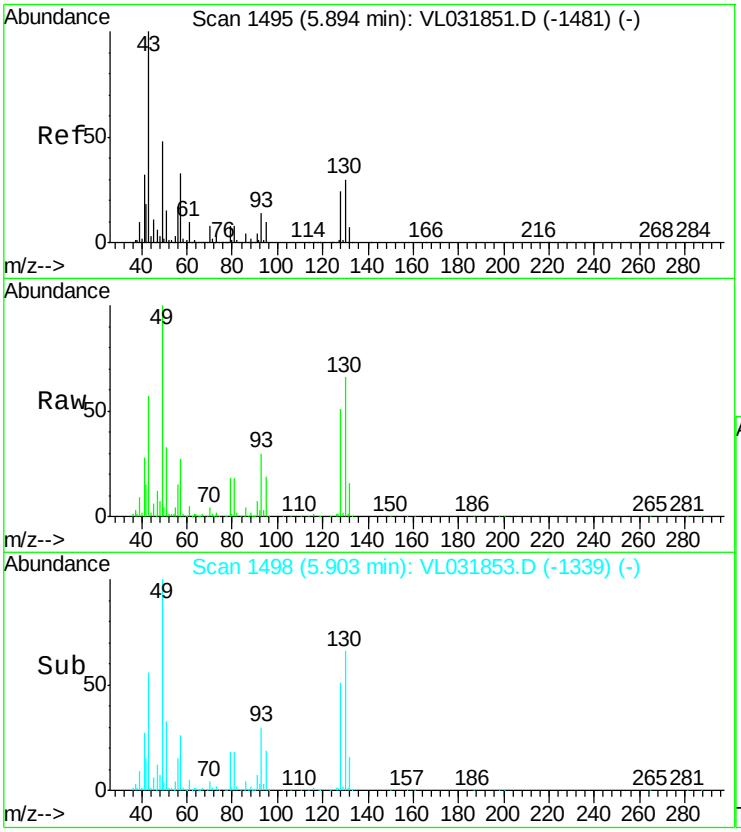


#24
1,1-Dichloroethane
Concen: 1.08 ppbv
RT: 5.21 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 63 Resp: 208998

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.2	6.6
100	3.5	1.7	5.0



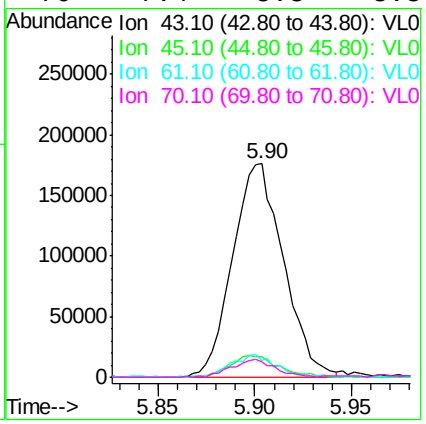


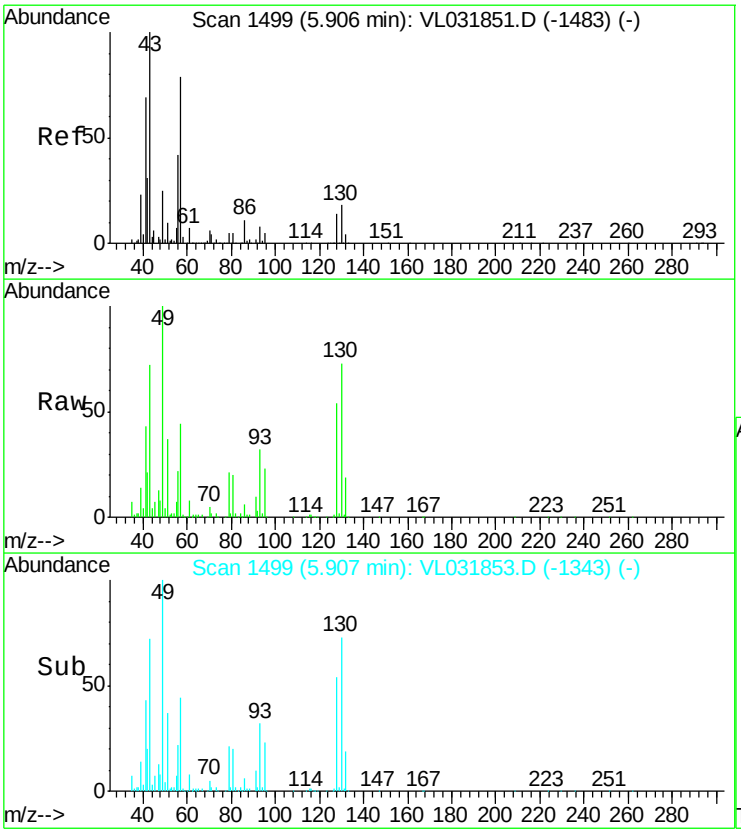
#25
Ethyl Acetate
Concen: 0.99 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 320573

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.8
61	9.6	7.5	11.3
70	7.4	5.8	8.8

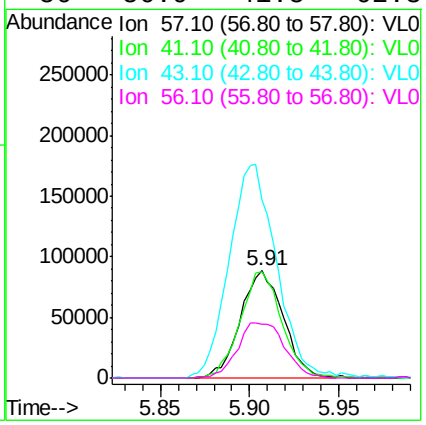


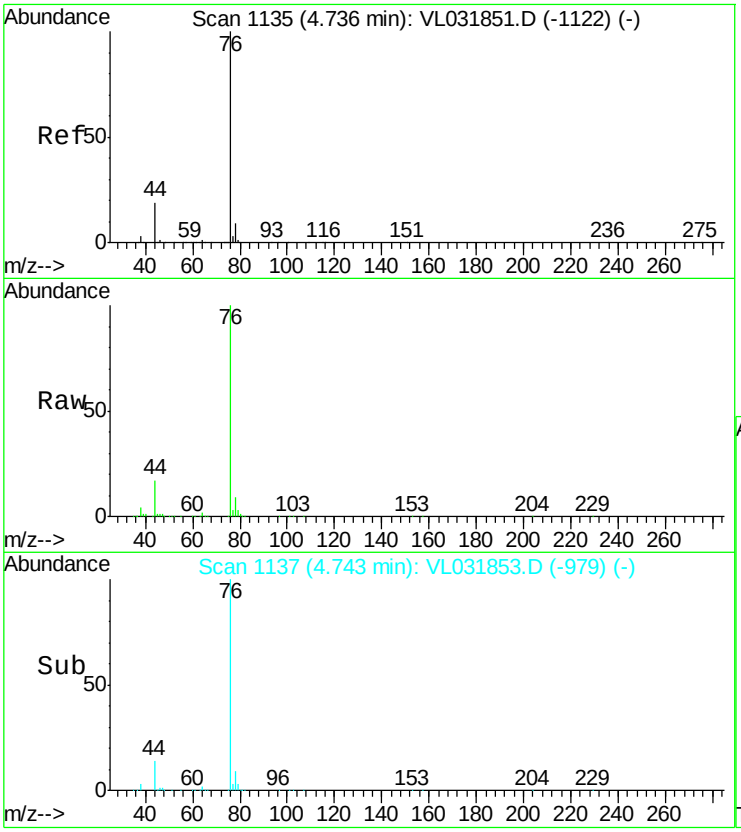


#26
Hexane
Concen: 1.00 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 57 Resp: 148824

Ion	Ratio	Lower	Upper
57	100		
41	97.5	71.7	107.5
43	220.4	172.0	258.0
56	56.9	41.5	62.3



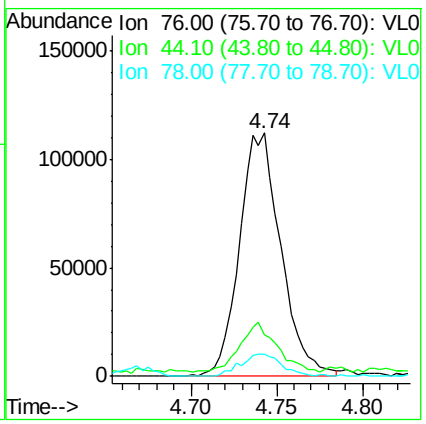


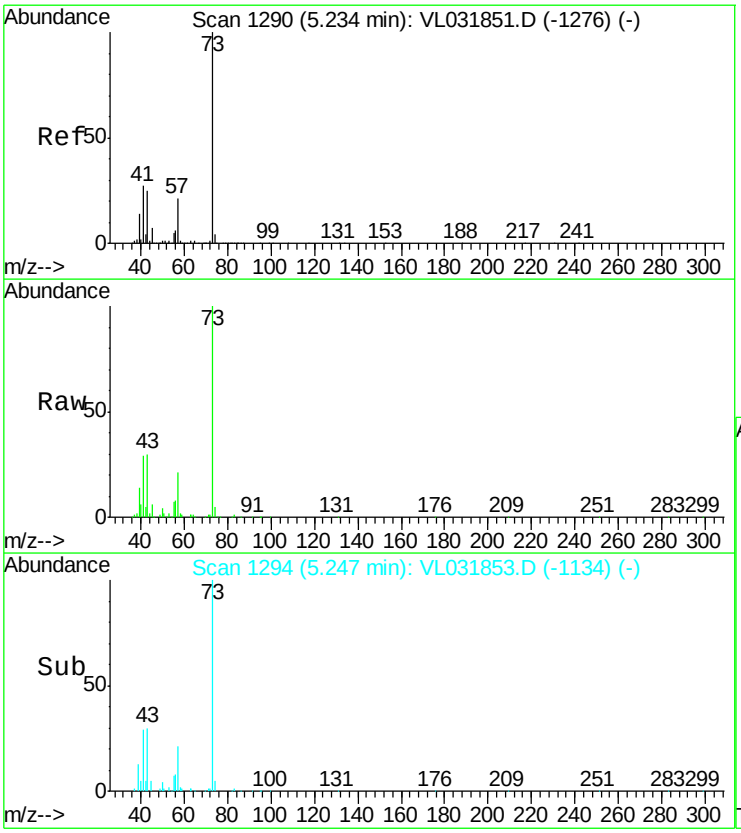
#27
Carbon Disulfide
Concen: 1.15 ppbv
RT: 4.74 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 76 Resp: 187724

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.8	22.2
78	9.4	7.4	11.2

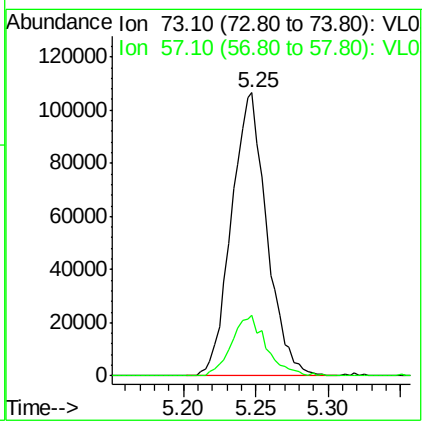


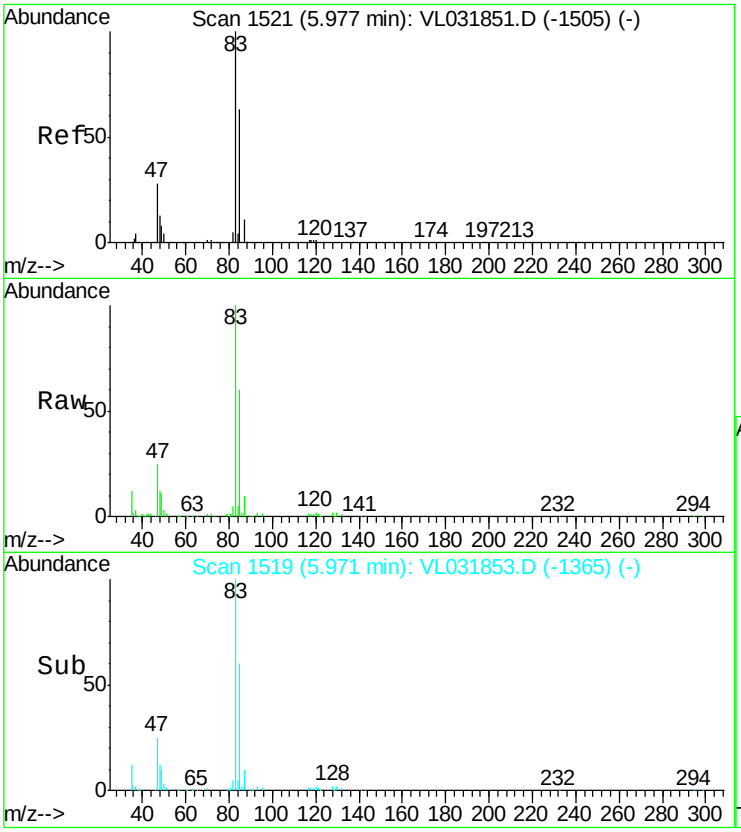


#28
Methyl tert-Butyl Ether
Concen: 0.89 ppbv
RT: 5.25 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 73 Resp: 180306

Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.3	25.9



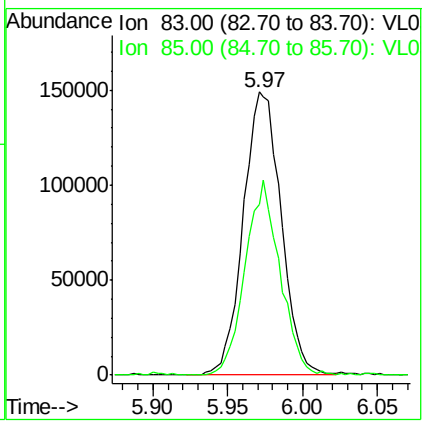


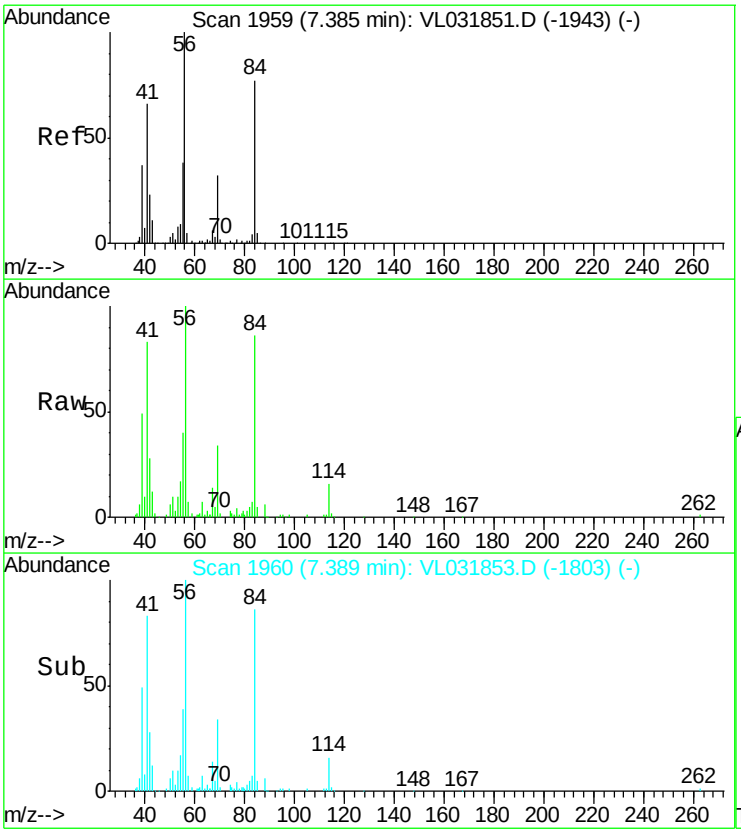
#29
Chloroform
Concen: 1.11 ppbv
RT: 5.97 min Scan# 1519
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 262805

Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.4	75.6

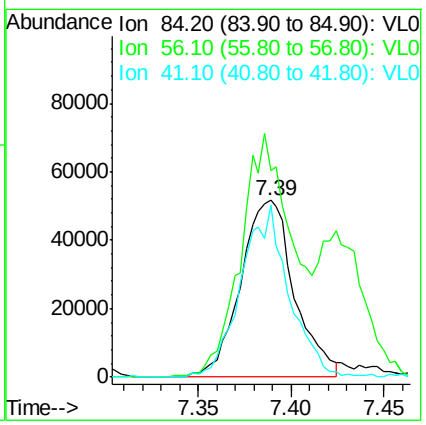


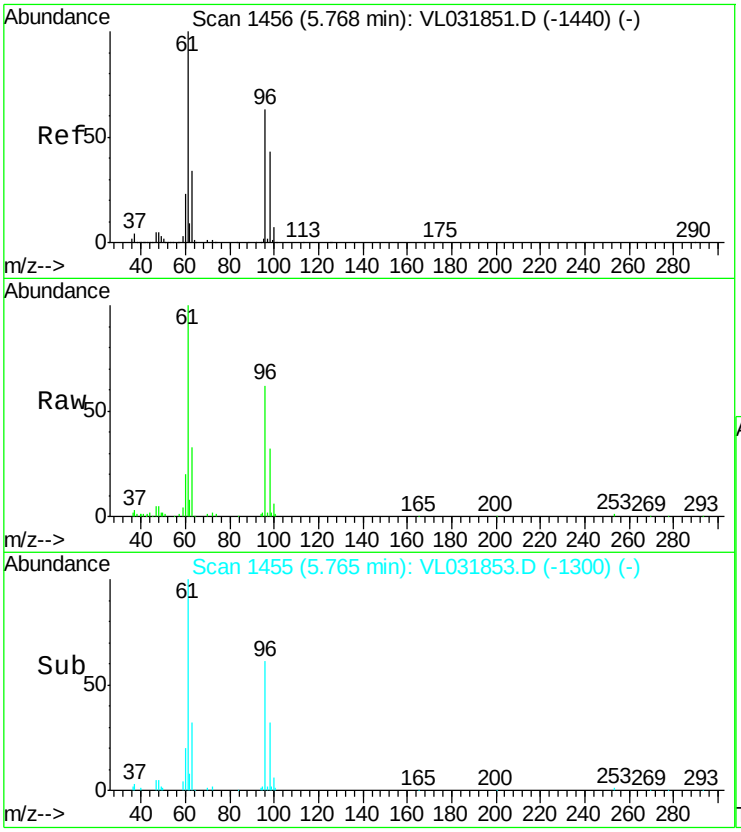


#30
Cyclohexane
Concen: 0.88 ppbv
RT: 7.39 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 84 Resp: 104257

Ion	Ratio	Lower	Upper
84	100		
56	131.2	108.6	162.8
41	86.6	67.8	101.8



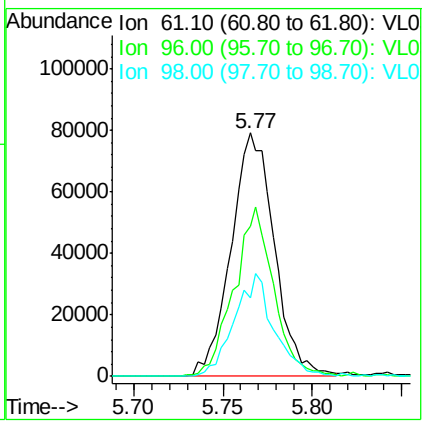


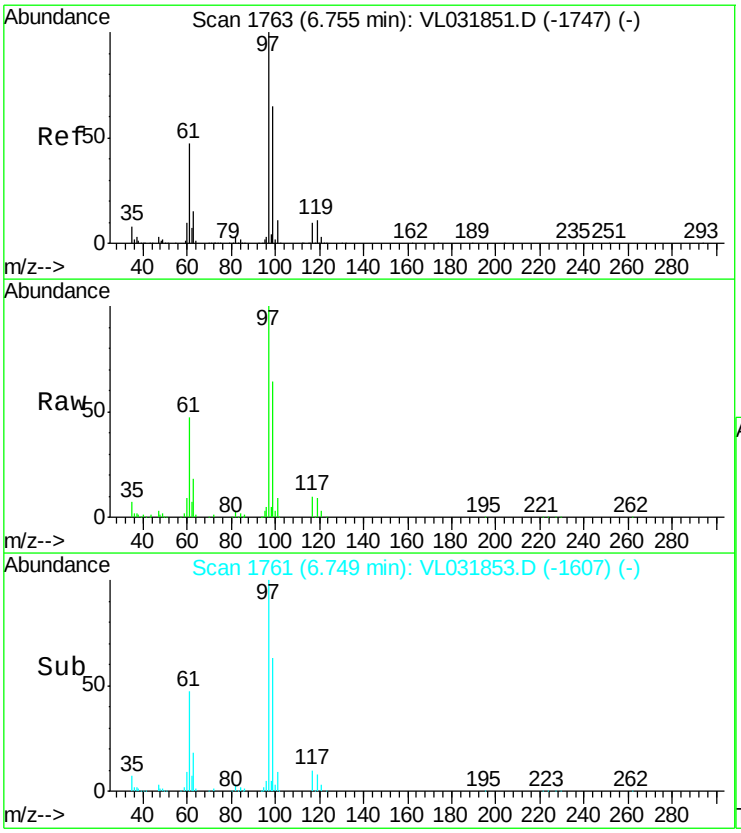
#31
cis-1,2-Dichloroethene
Concen: 0.97 ppbv
RT: 5.77 min Scan# 1455
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 133851

Ion	Ratio	Lower	Upper
61	100		
96	61.4	50.4	75.6
98	32.2	34.1	51.1#

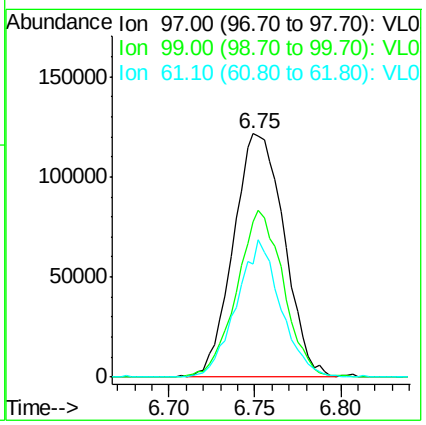


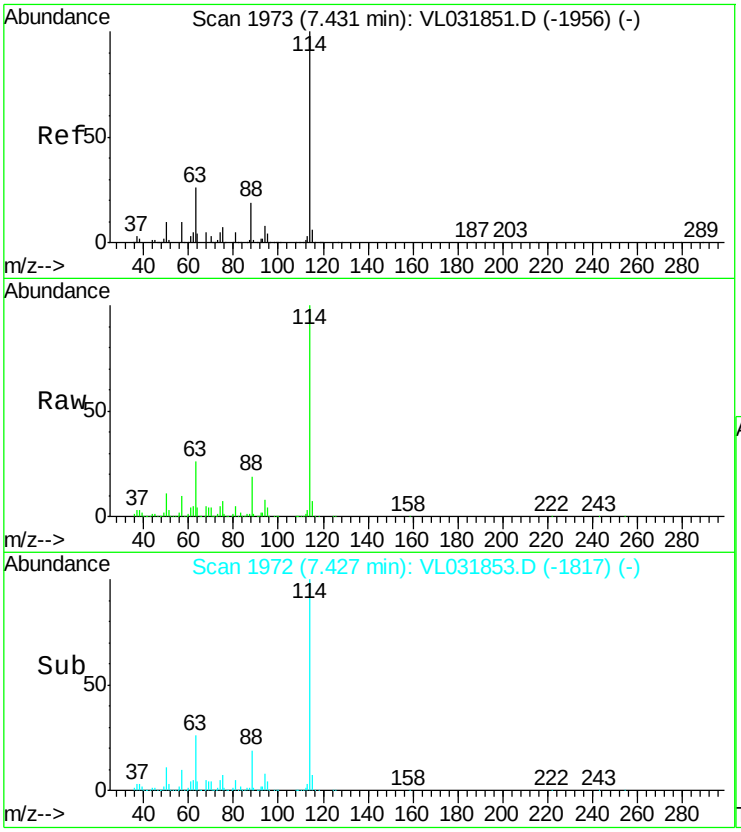


#32
1,1,1-Trichloroethane
Concen: 1.00 ppbv
RT: 6.75 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 97 Resp: 247724

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.5	77.3
61	49.3	39.0	58.4



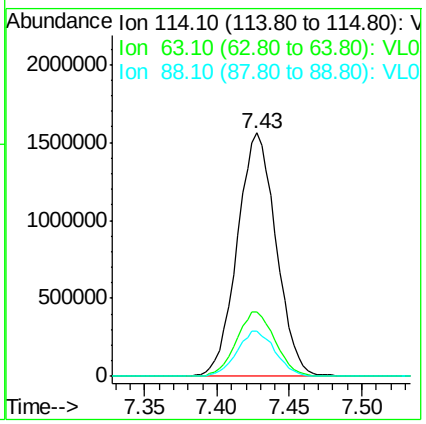


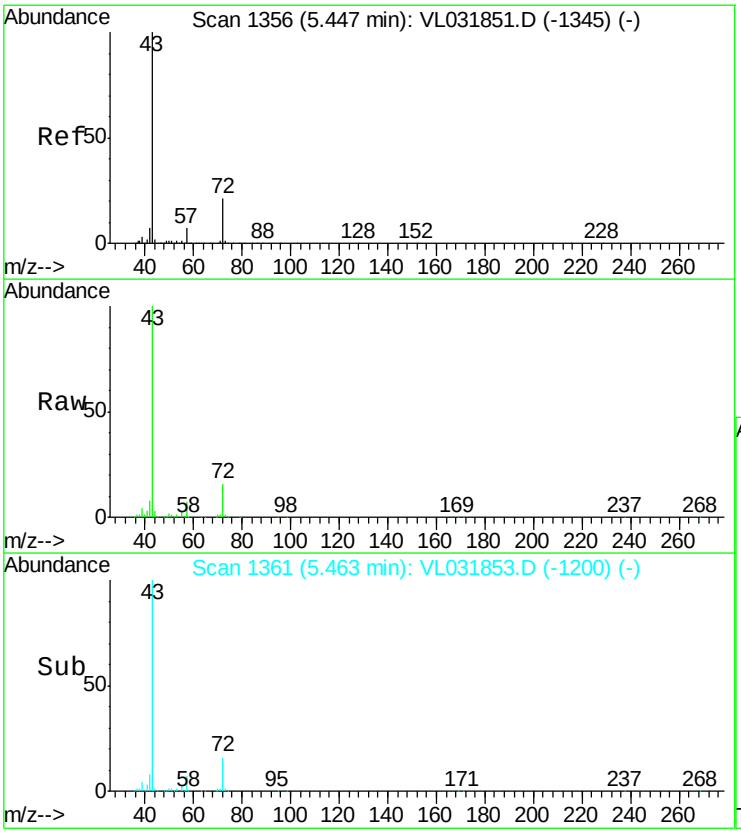
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 2905050

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.4	32.2
88	18.6	14.7	22.1

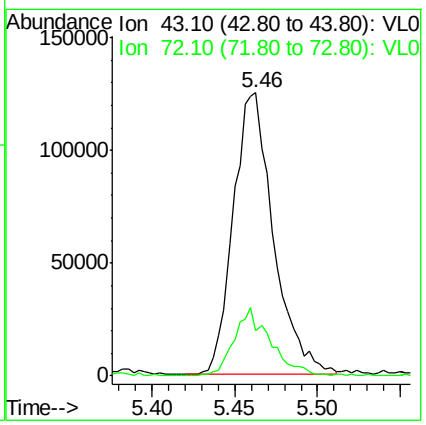


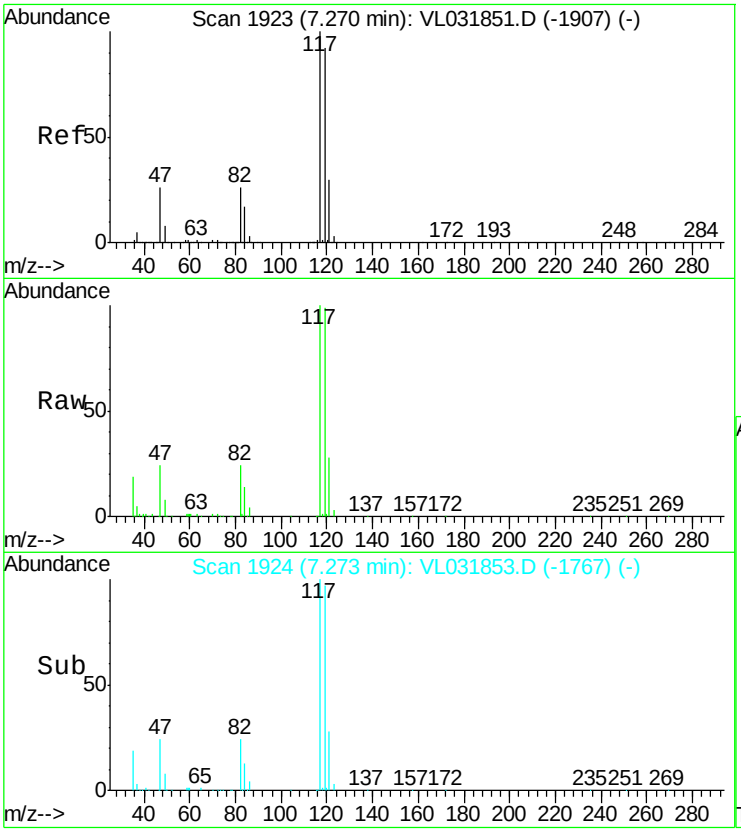


#34
2-Butanone
Concen: 1.06 ppbv
RT: 5.46 min Scan# 1361
Delta R.T. 0.02 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 43 Resp: 211260

Ion	Ratio	Lower	Upper
43	100		
72	22.1	18.6	28.0



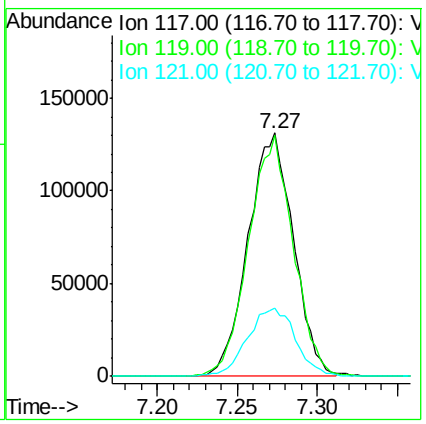


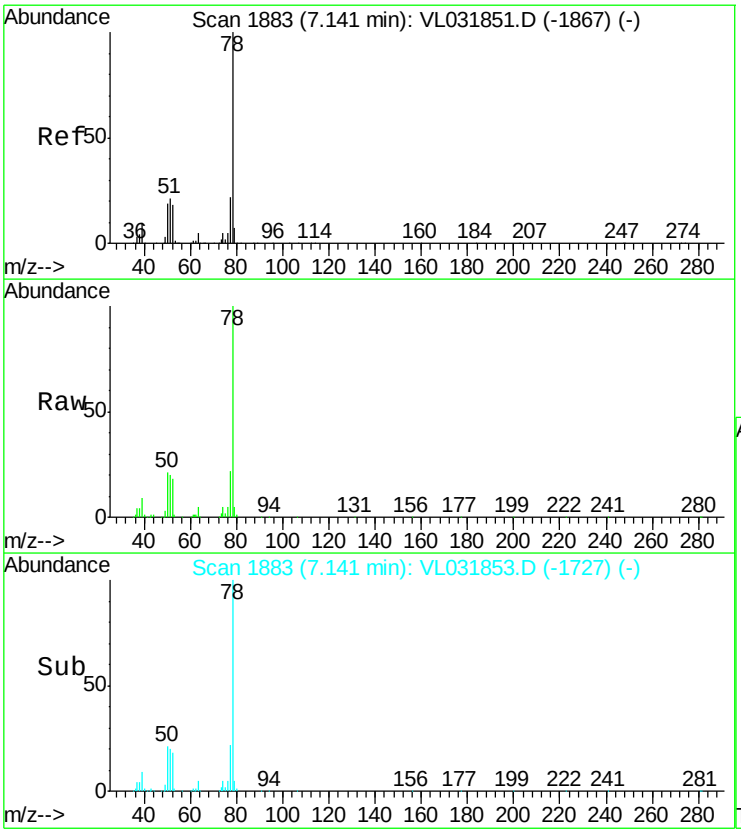
#35
Carbon Tetrachloride
Concen: 1.17 ppbv
RT: 7.27 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 255175

Ion	Ratio	Lower	Upper
117	100		
119	99.1	73.4	110.0
121	28.1	24.2	36.4

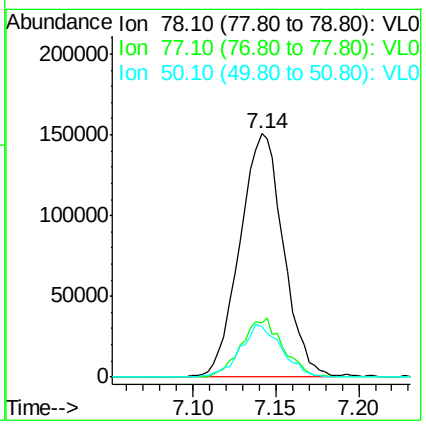


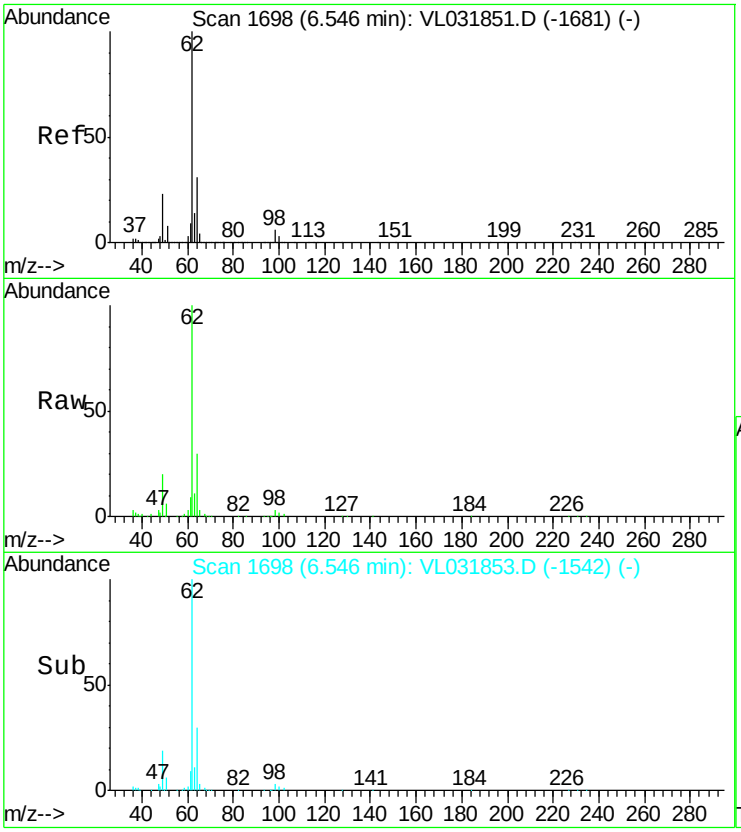


#36
Benzene
Concen: 1.01 ppbv
RT: 7.14 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 78 Resp: 276255

Ion	Ratio	Lower	Upper
78	100		
77	22.2	17.8	26.8
50	20.9	15.0	22.6



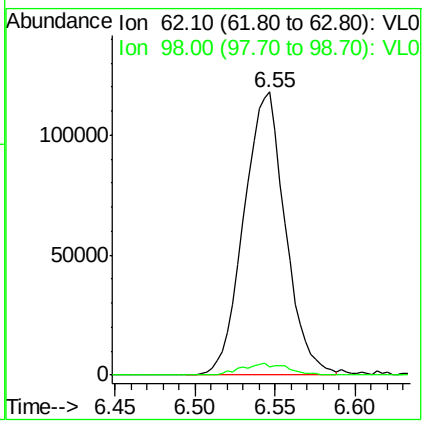


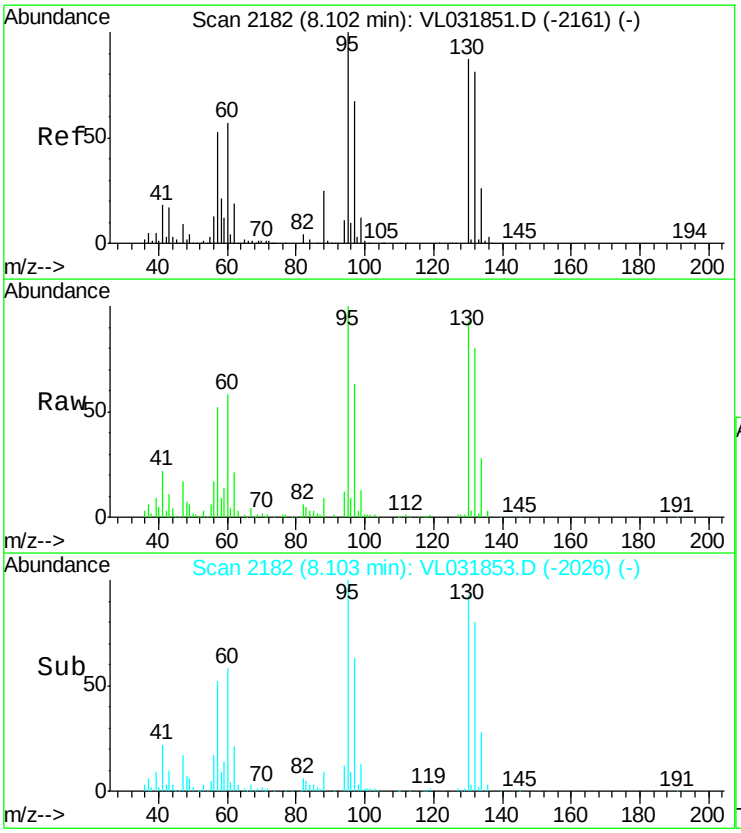
#37
1,2-Dichloroethane
Concen: 1.15 ppbv
RT: 6.55 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 62 Resp: 209299

Ion	Ratio	Lower	Upper
62	100		
98	4.6	4.5	6.7

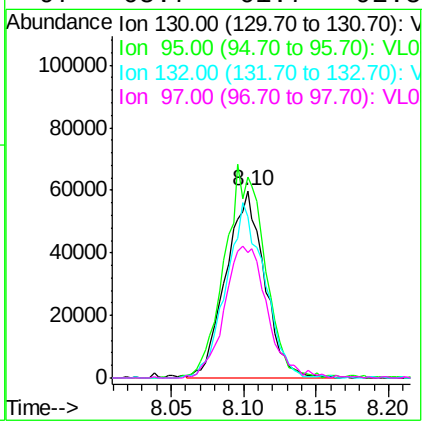


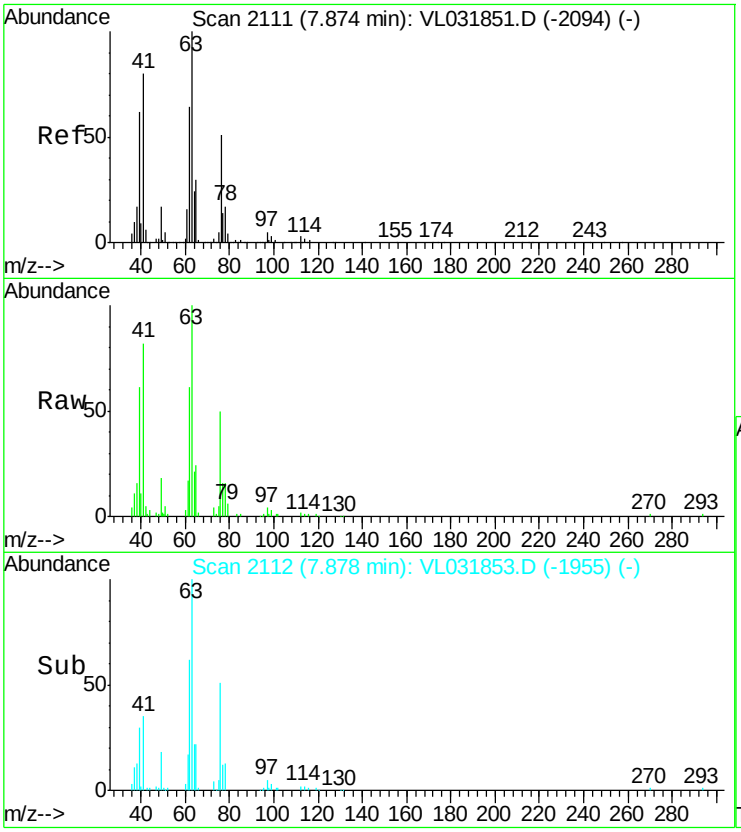


#38
Trichloroethene
Concen: 1.00 ppbv
RT: 8.10 min Scan# 2182
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:130 Resp: 110284

Ion	Ratio	Lower	Upper
130	100		
95	106.0	92.1	138.1
132	85.8	74.8	112.2
97	65.7	61.7	92.5



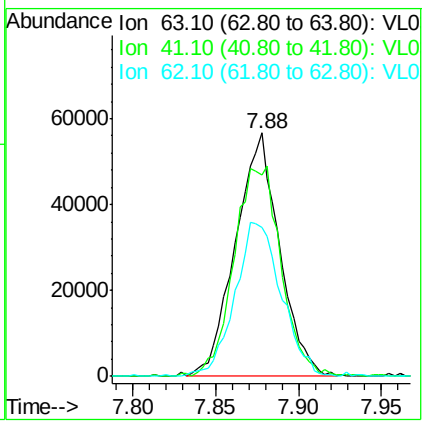


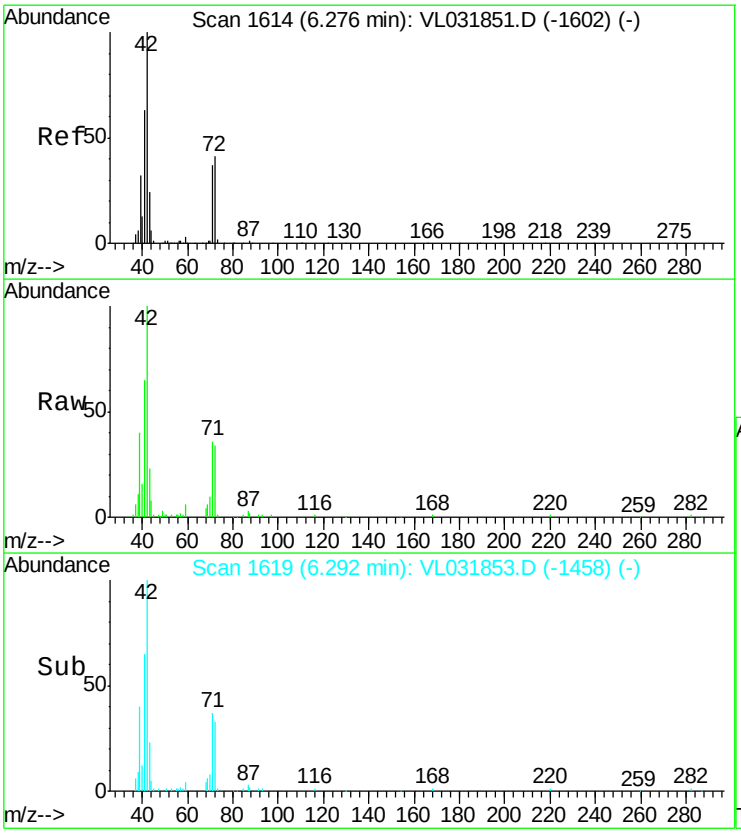
#39
1,2-Dichloropropane
Concen: 1.05 ppbv
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 63 Resp: 103549

Ion	Ratio	Lower	Upper
63	100		
41	82.1	64.1	96.1
62	60.3	51.5	77.3

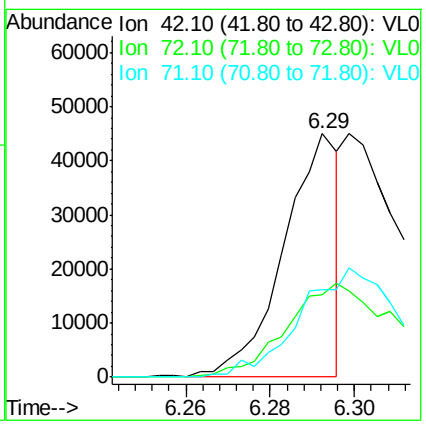


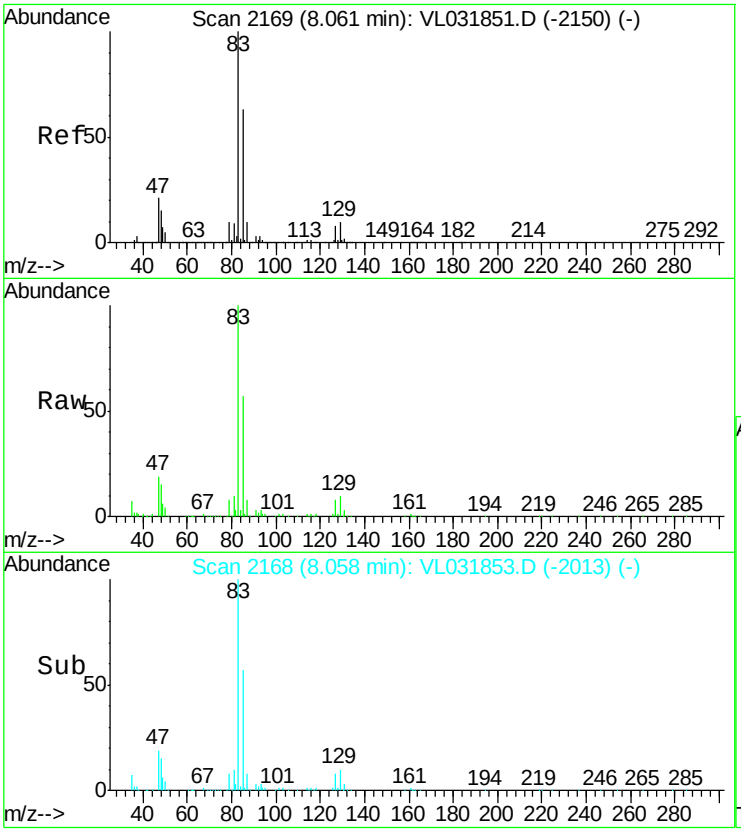


#41
Tetrahydrofuran
Concen: 0.41 ppbv
RT: 6.29 min Scan# 1619
Delta R.T. 0.02 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 42 Resp: 40571

Ion	Ratio	Lower	Upper
42	100		
72	83.9	32.5	48.7#
71	0.0	31.3	46.9#



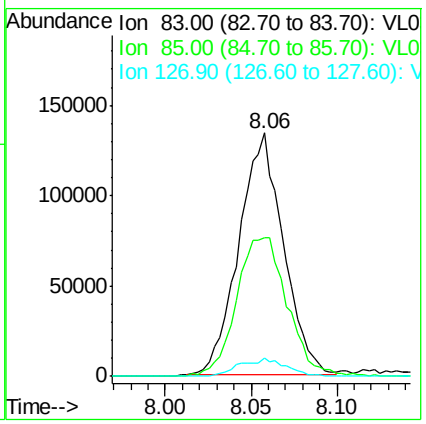


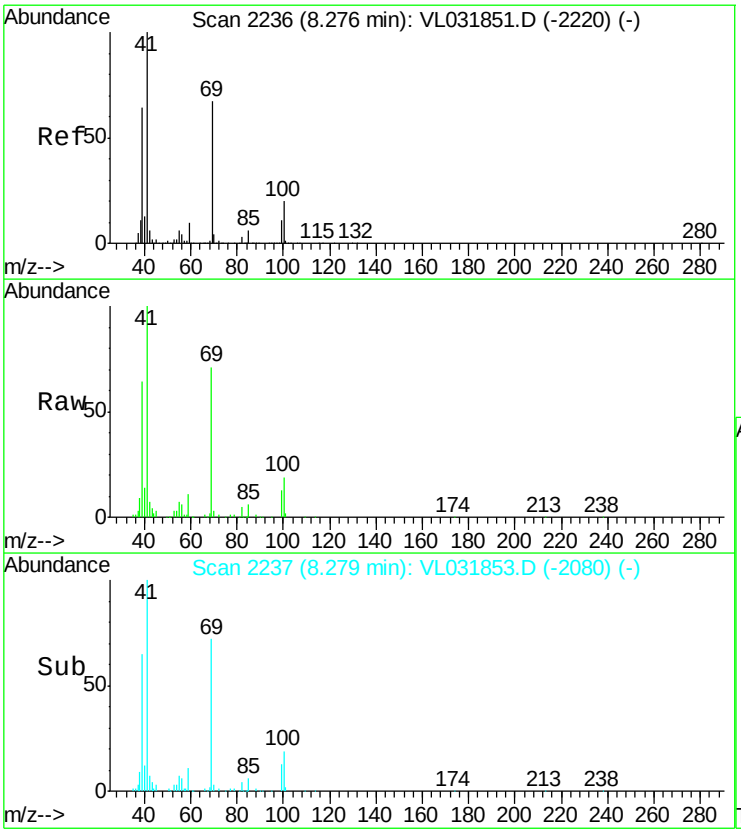
#42
Bromodichloromethane
Concen: 1.11 ppbv
RT: 8.06 min Scan# 2168
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 83 Resp: 240324

Ion	Ratio	Lower	Upper
83	100		
85	57.3	50.3	75.5
127	7.8	6.1	9.1

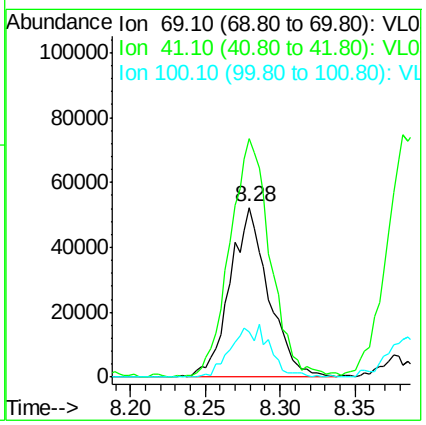


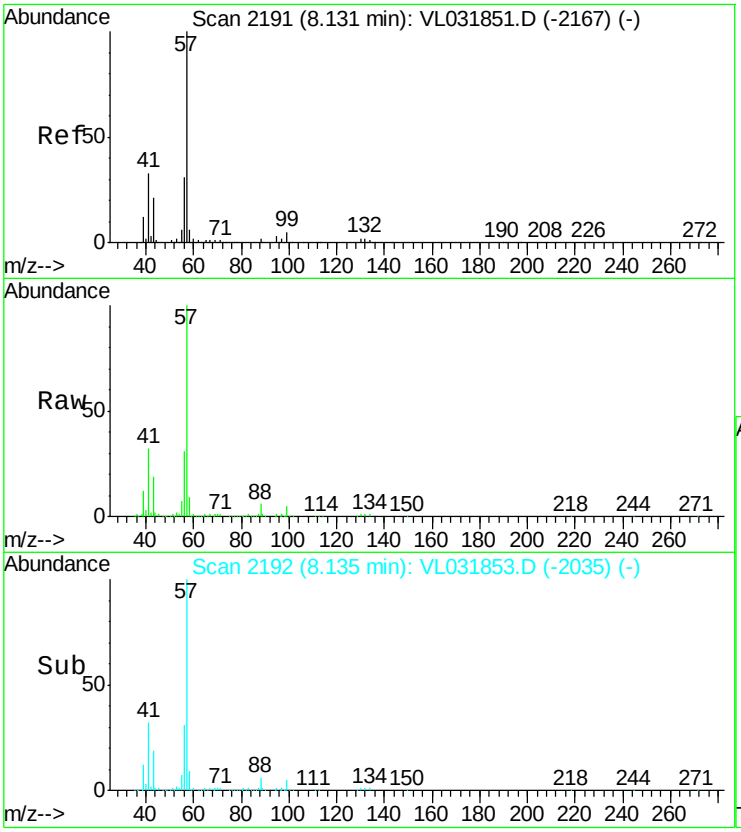


#43
Methyl Methacrylate
Concen: 0.96 ppbv
RT: 8.28 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 69 Resp: 92701

Ion	Ratio	Lower	Upper
69	100		
41	150.1	119.8	179.8
100	31.1	24.9	37.3



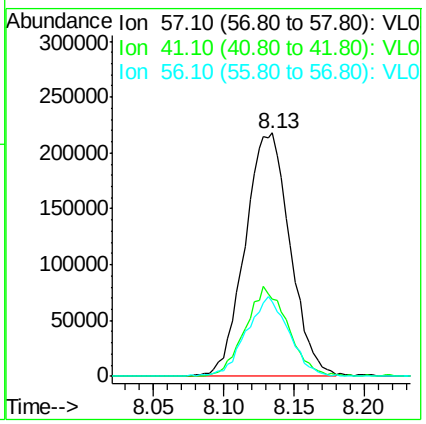


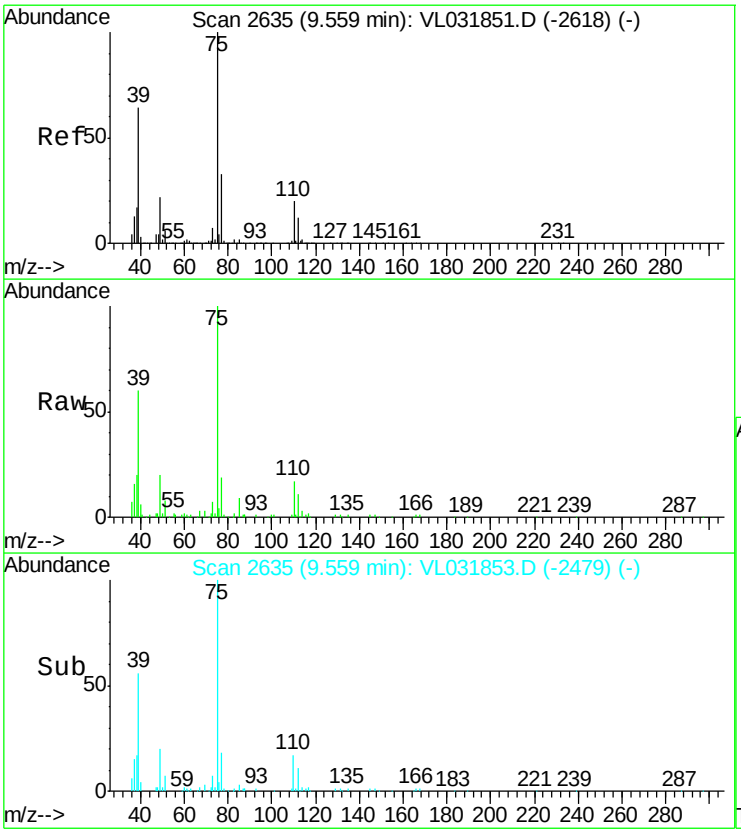
#44
2,2,4-Trimethylpentane
Concen: 1.09 ppbv
RT: 8.13 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 57 Resp: 485726

Ion	Ratio	Lower	Upper
57	100		
41	35.2	26.5	39.7
56	31.0	24.2	36.4

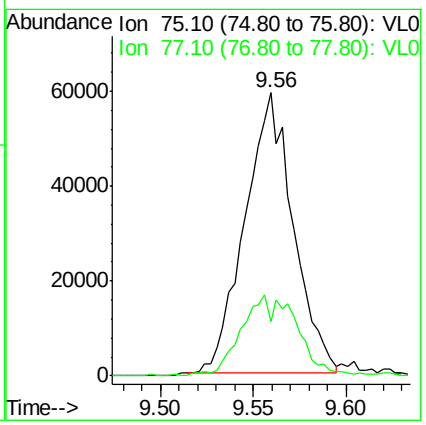


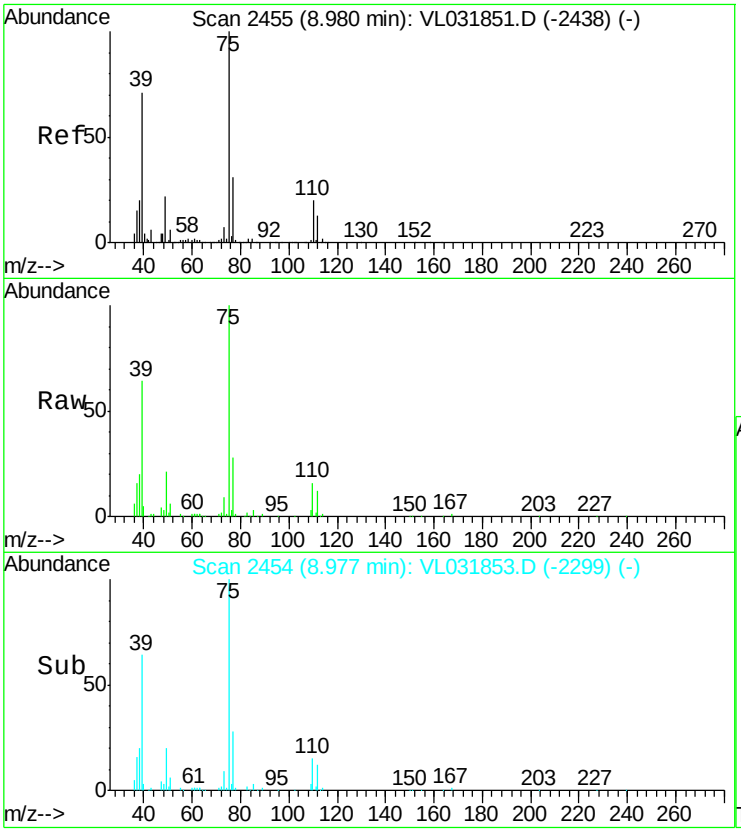


#45
t-1,3-Dichloropropene
Concen: 0.82 ppbv
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 75 Resp: 107356

Ion	Ratio	Lower	Upper
75	100		
77	19.1	26.2	39.4#



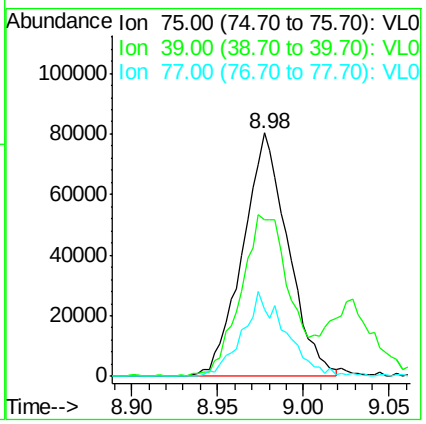


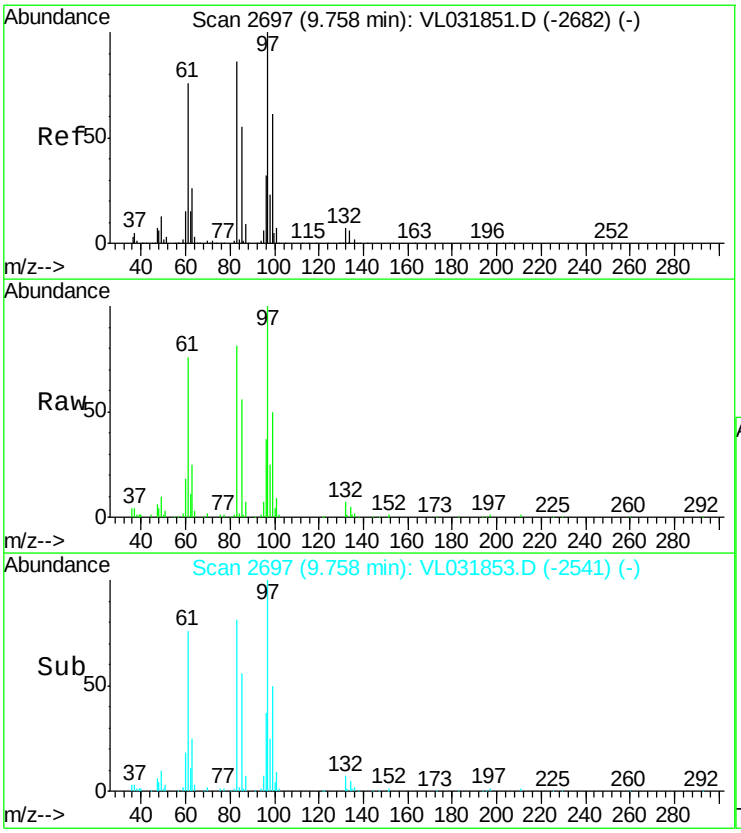
#46
cis-1,3-Dichloropropene
Concen: 0.90 ppbv
RT: 8.98 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 147409

Ion	Ratio	Lower	Upper
75	100		
39	64.1	56.9	85.3
77	27.2	25.1	37.7

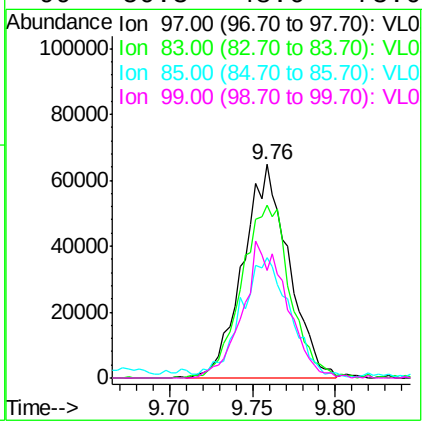


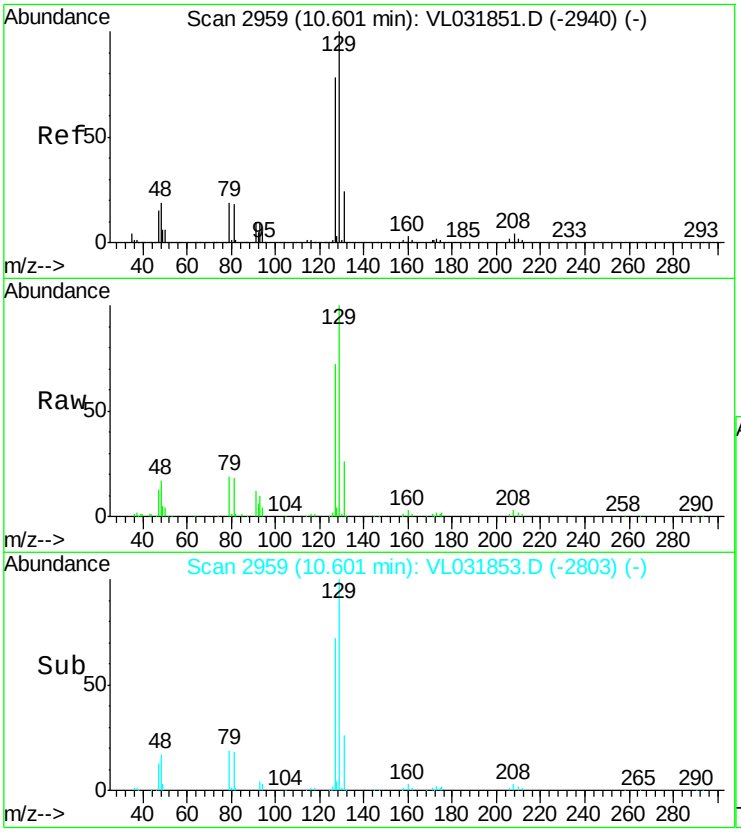


#47
1,1,2-Trichloroethane
Concen: 1.09 ppbv
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 97 Resp: 123402

Ion	Ratio	Lower	Upper
97	100		
83	80.5	68.4	102.6
85	53.9	44.5	66.7
99	50.3	48.6	73.0



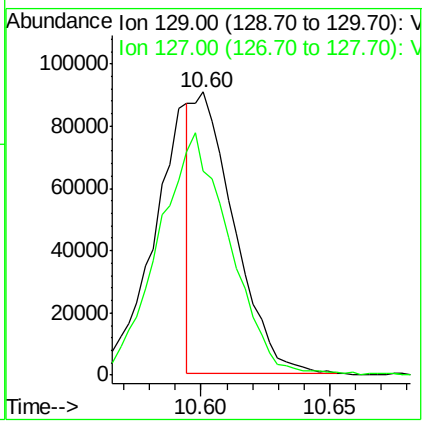


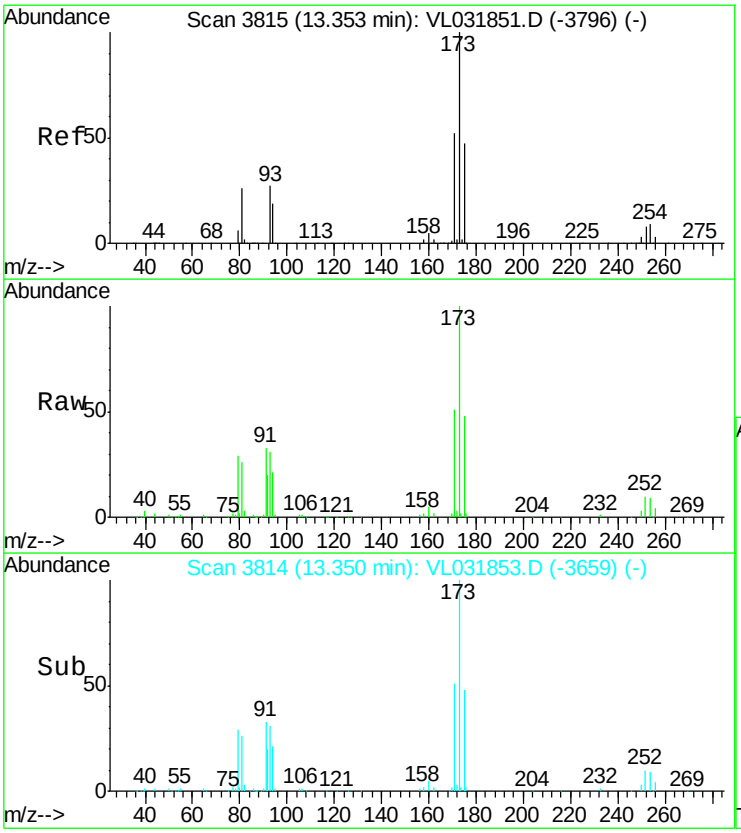
#48
Dibromochloromethane
Concen: 0.58 ppbv
RT: 10.60 min Scan# 2959
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 101684

Ion	Ratio	Lower	Upper
129	100		
127	149.4	39.1	117.2#

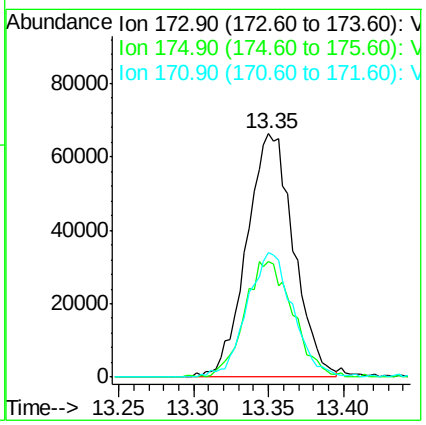


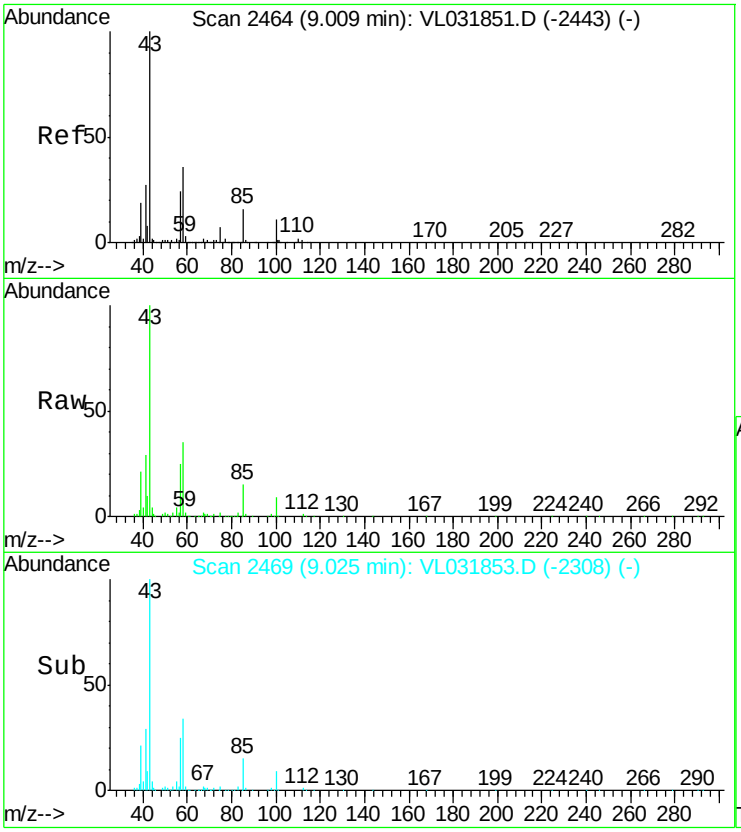


#49
Bromoform
Concen: 1.12 ppbv
RT: 13.35 min Scan# 3814
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:173 Resp: 145121

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.4	59.0
171	50.4	42.2	63.2



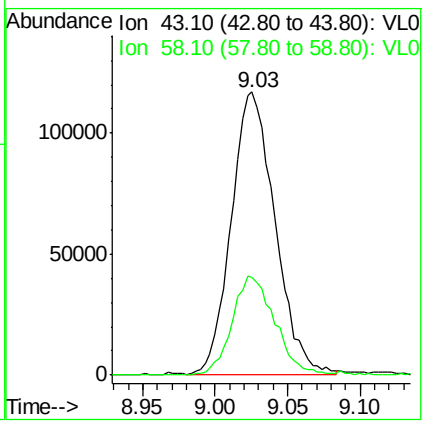


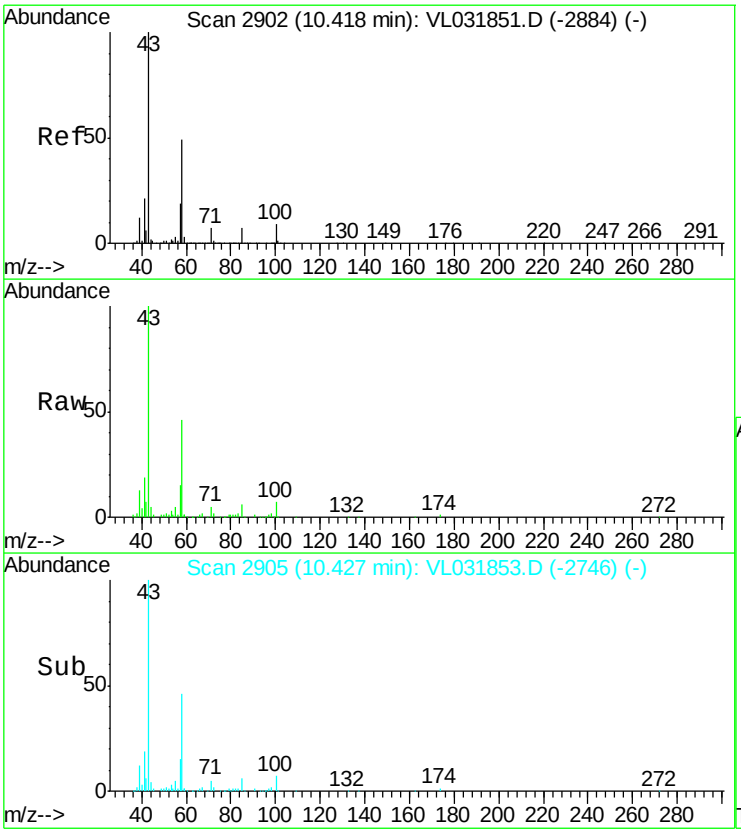
#50
4-Methyl-2-Pentanone
Concen: 1.06 ppbv
RT: 9.03 min Scan# 2469
Delta R.T. 0.02 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 243683

Ion	Ratio	Lower	Upper
43	100		
58	35.1	29.1	43.7

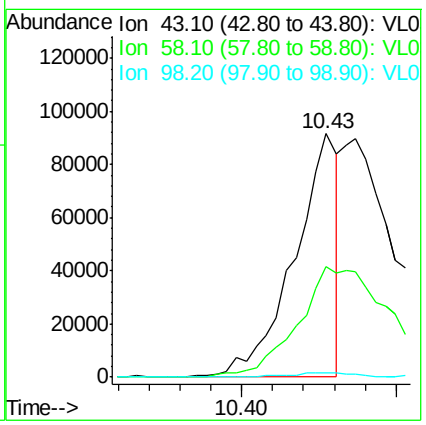


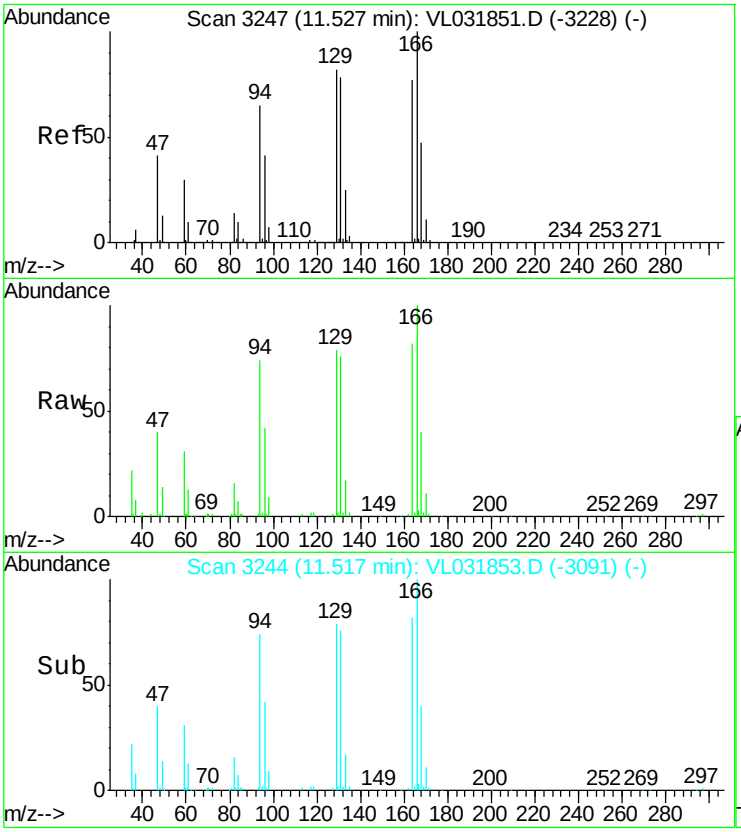


#51
2-Hexanone
Concen: 0.42 ppbv
RT: 10.43 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 43 Resp: 89572

Ion	Ratio	Lower	Upper
43	100		
58	106.1	38.4	57.6#
98	3.3	0.2	0.4#



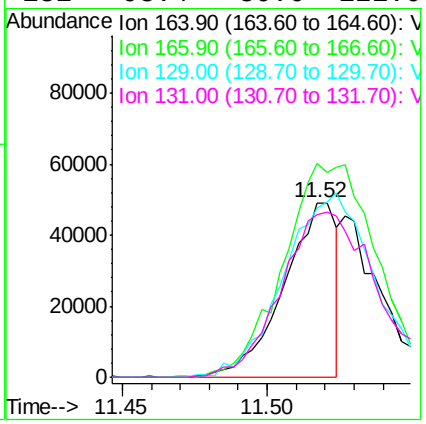


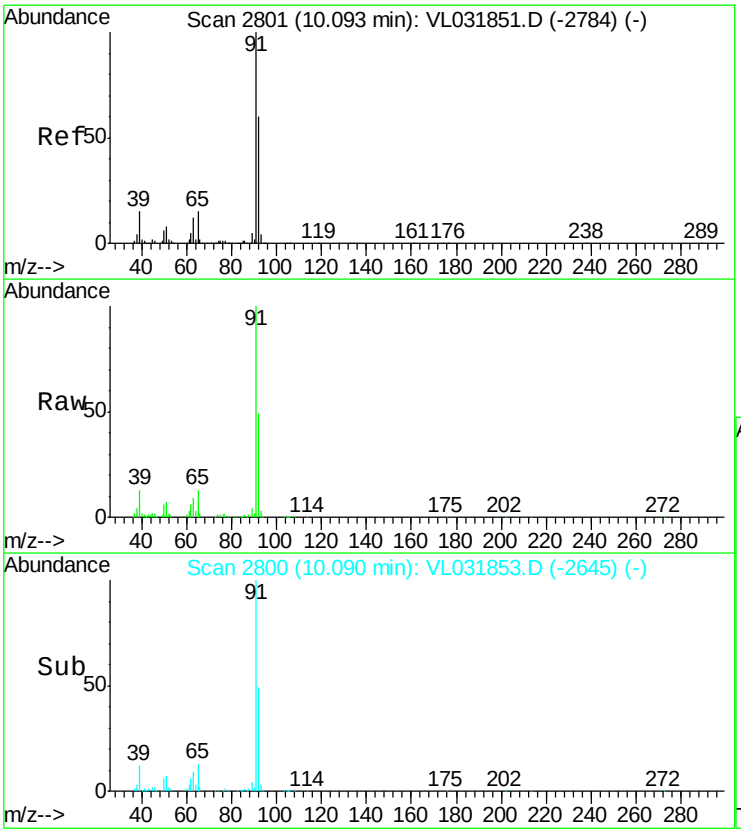
#52
Tetrachloroethene
Concen: 0.56 ppbv
RT: 11.52 min Scan# 3244
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:164 Resp: 61720

Ion	Ratio	Lower	Upper
164	100		
166	121.7	103.3	154.9
129	97.1	84.2	126.4
131	93.4	80.6	121.0

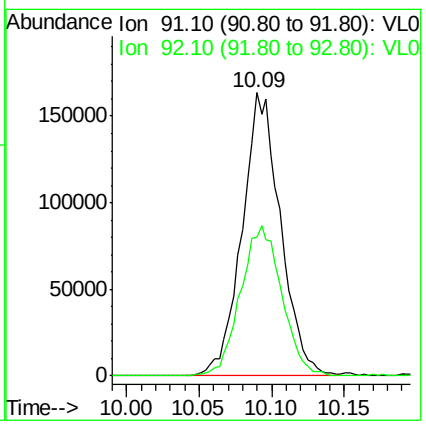


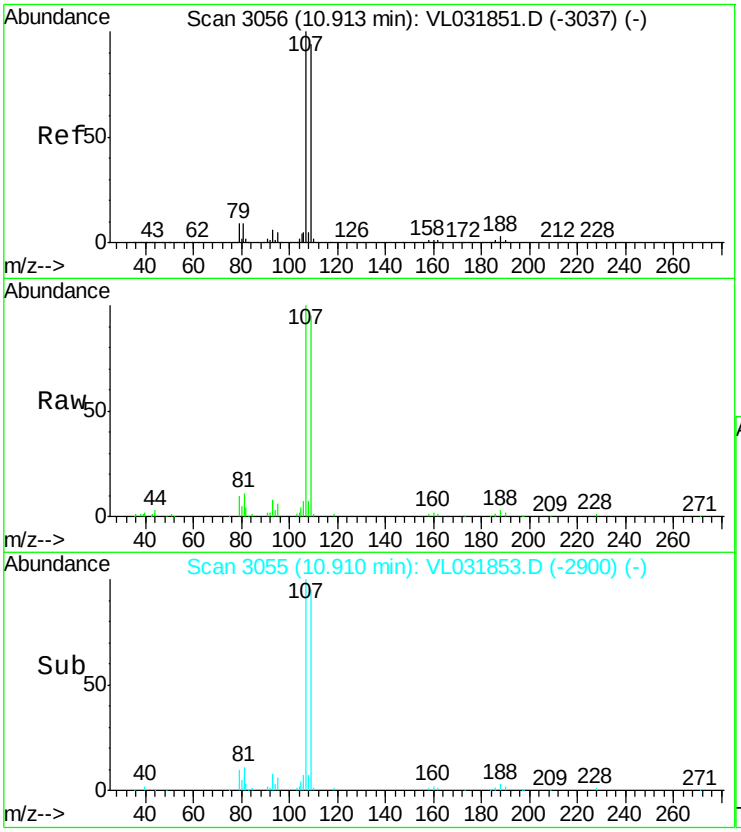


#53
Toluene
Concen: 0.96 ppbv
RT: 10.09 min Scan# 2800
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 91 Resp: 301619

Ion	Ratio	Lower	Upper
91	100		
92	56.9	47.2	70.8



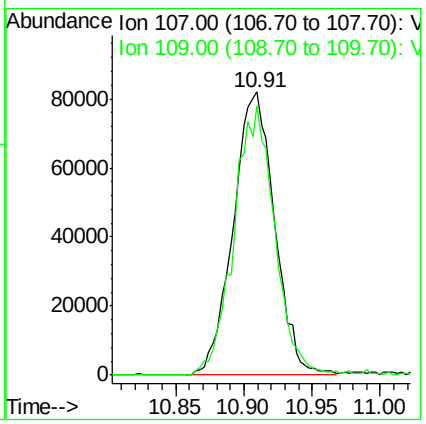


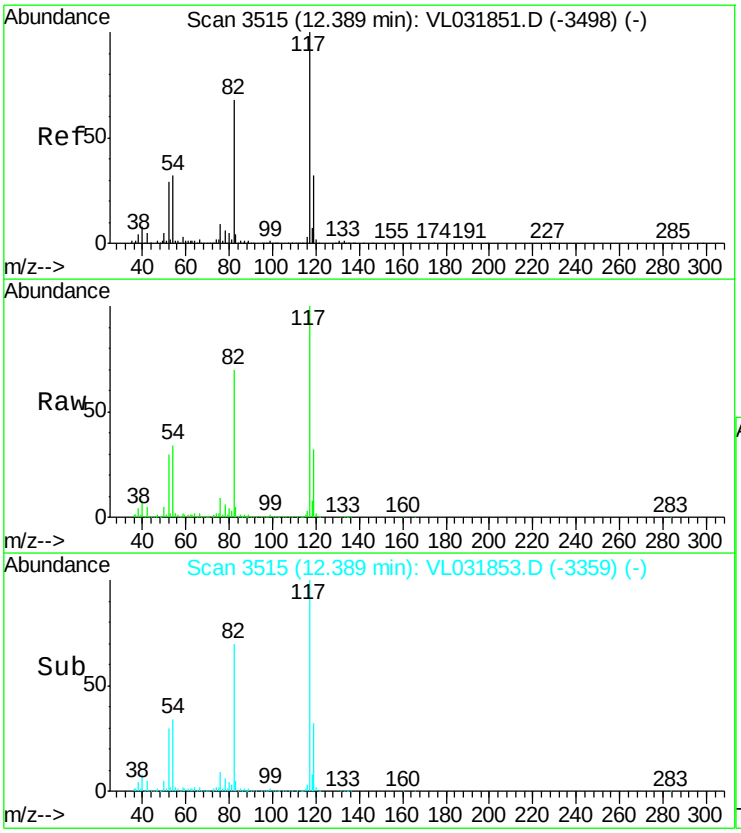
#54
1,2-Dibromoethane
Concen: 1.01 ppbv
RT: 10.91 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 173010

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.1	112.7

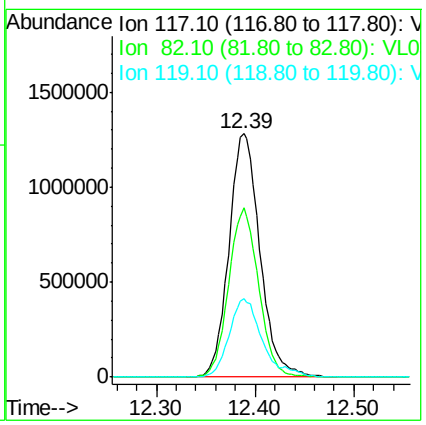


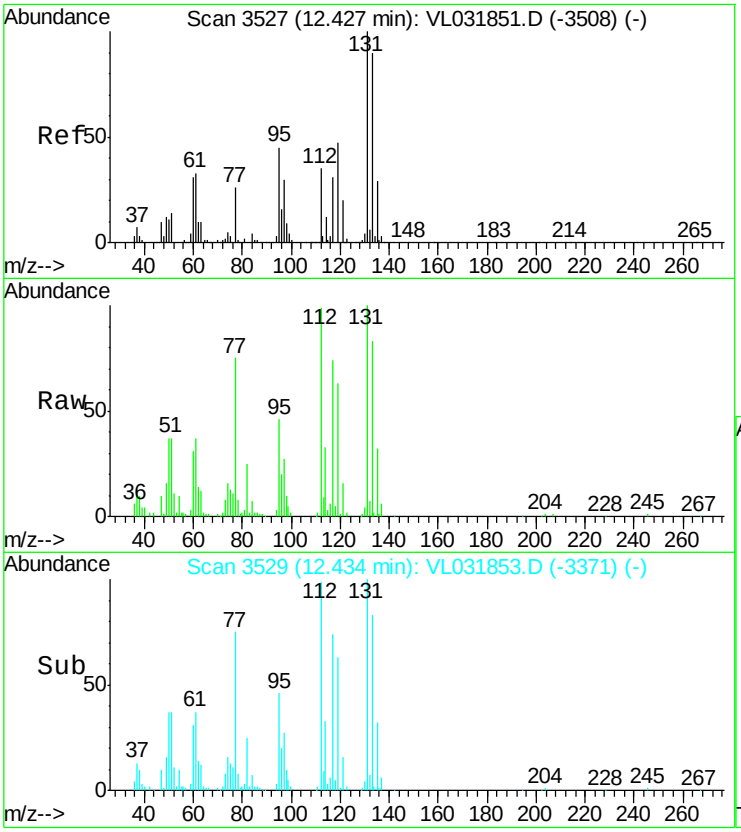


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:117 Resp: 2807373

Ion	Ratio	Lower	Upper
117	100		
82	67.5	52.9	79.3
119	34.4	43.8	65.6#



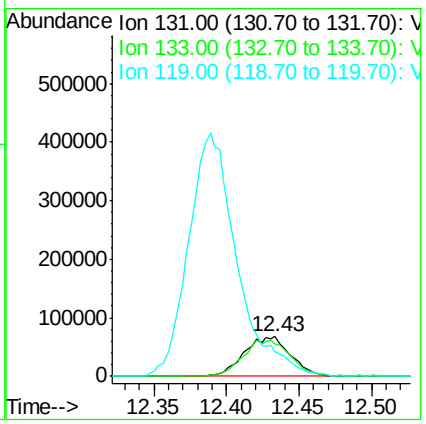


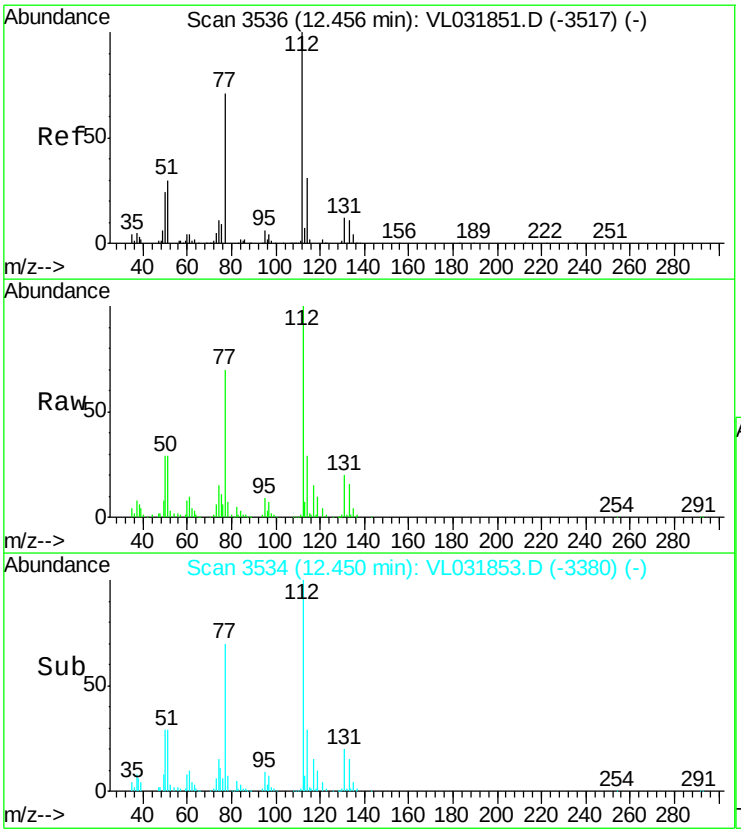
#56
1,1,1,2-Tetrachloroethane
Concen: 1.16 ppbv
RT: 12.43 min Scan# 3529
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:131 Resp: 150193

Ion	Ratio	Lower	Upper
131	100		
133	93.5	75.9	113.9
119	644.2	106.7	160.1#

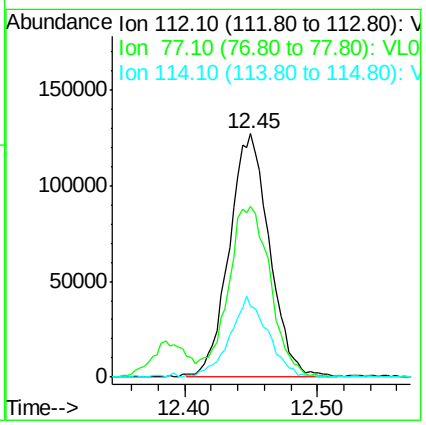


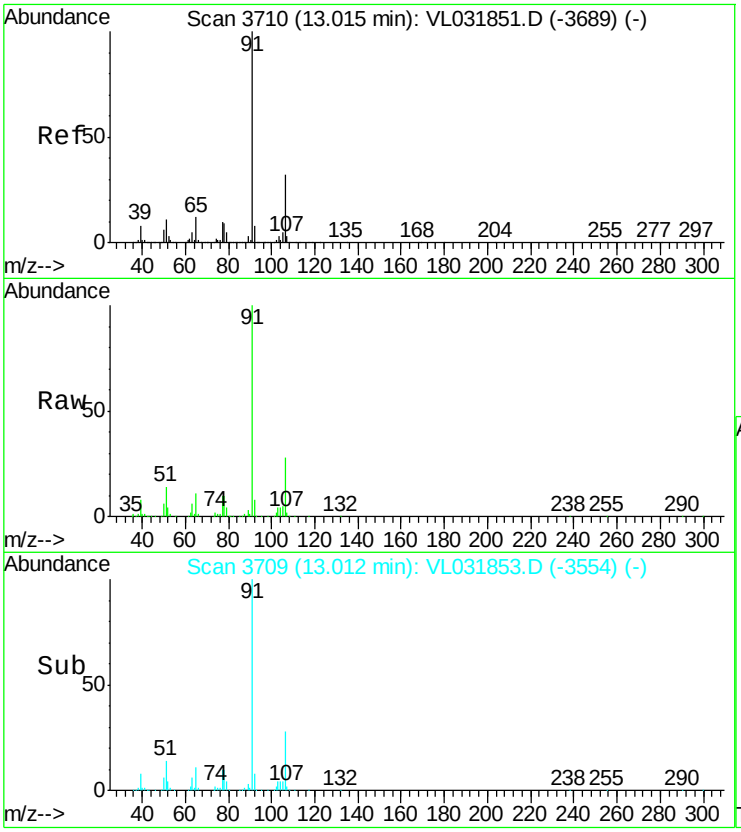


#57
Chlorobenzene
Concen: 1.05 ppbv
RT: 12.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:112 Resp: 264483

Ion	Ratio	Lower	Upper
112	100		
77	70.1	58.2	87.2
114	28.9	28.4	34.7



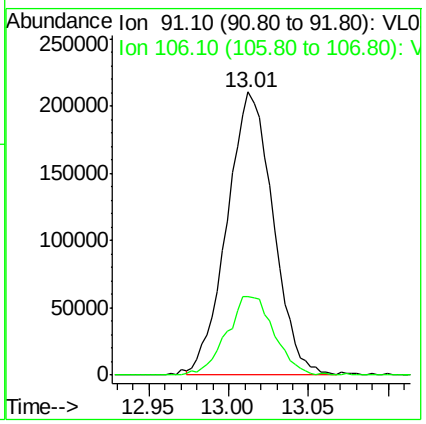


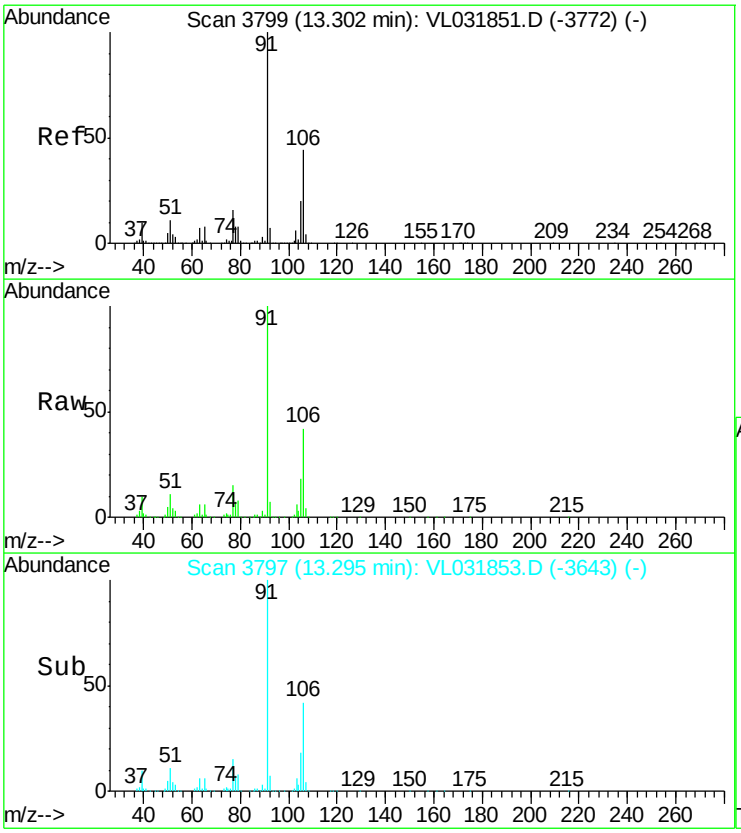
#58
Ethyl Benzene
Concen: 0.92 ppbv
RT: 13.01 min Scan# 3709
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 411504

Ion	Ratio	Lower	Upper
91	100		
106	28.0	25.4	38.0

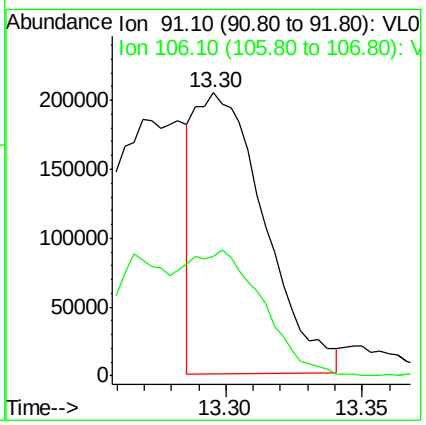


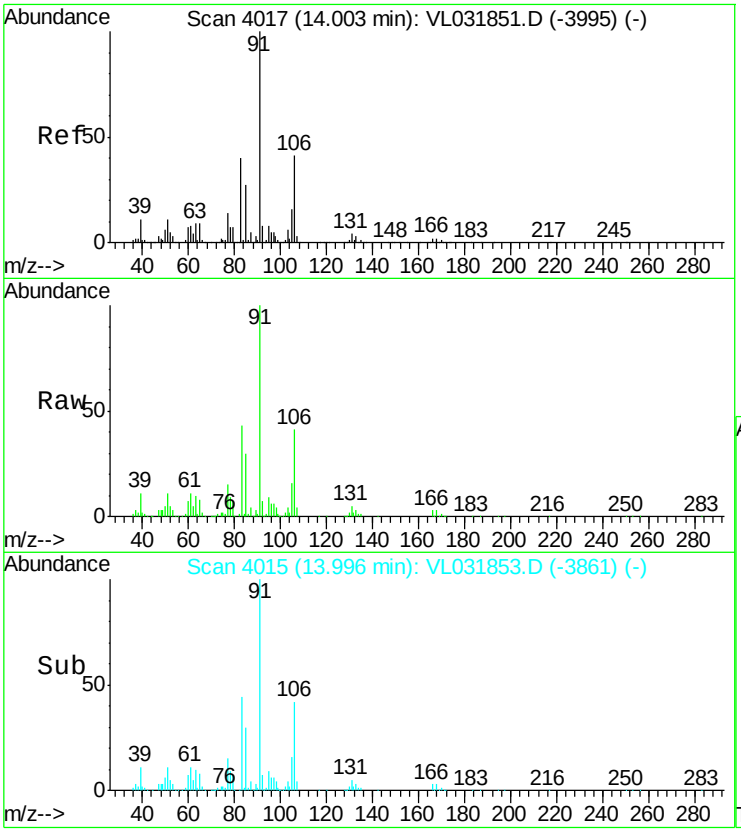


#59
m/p-Xylene
Concen: 0.98 ppbv
RT: 13.30 min Scan# 3797
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 91 Resp: 361997

Ion	Ratio	Lower	Upper
91	100		
106	90.9	0.0	0.0#



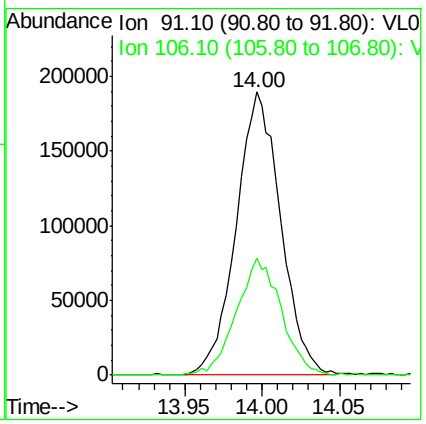


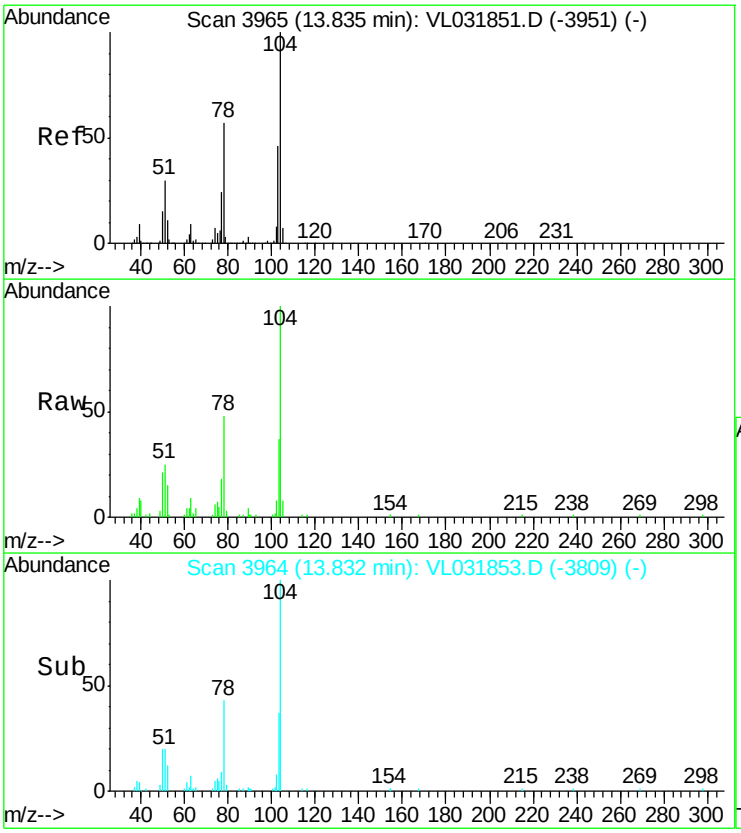
#60
o-Xylene
Concen: 1.01 ppbv
RT: 14.00 min Scan# 4015
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 375580

Ion	Ratio	Lower	Upper
91	100		
106	42.1	21.0	63.0

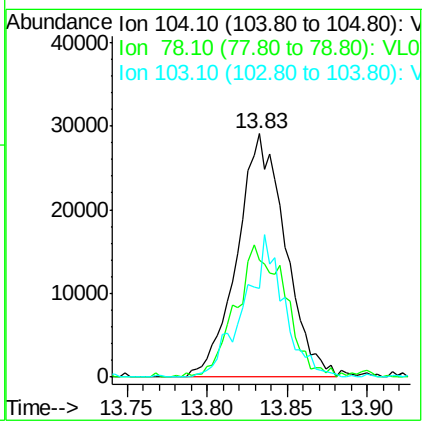


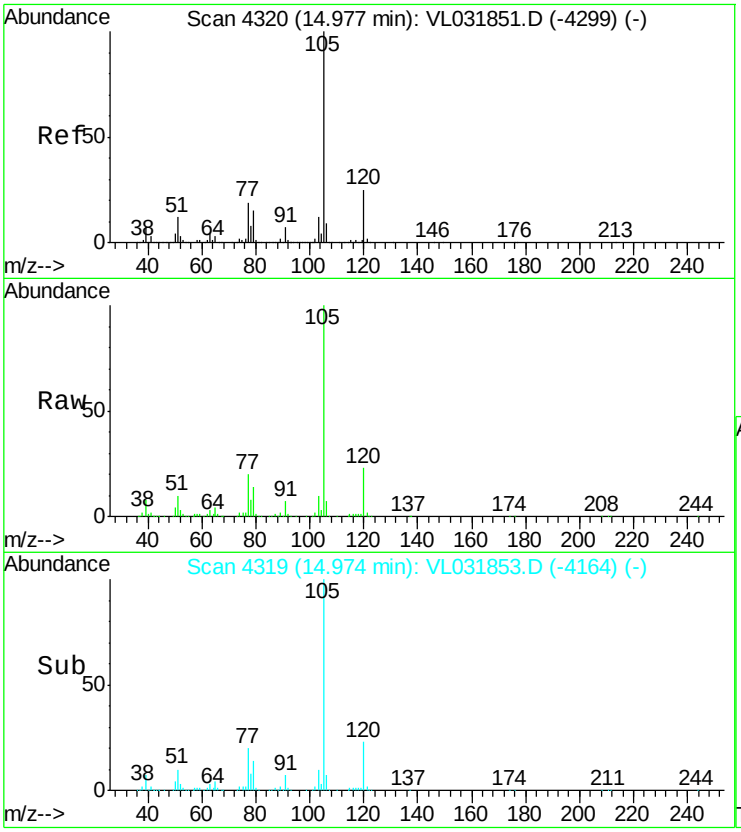


#61
Styrene
Concen: 0.73 ppbv
RT: 13.83 min Scan# 3964
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:104 Resp: 59954

Ion	Ratio	Lower	Upper
104	100		
78	56.8	44.6	66.8
103	48.6	37.9	56.9



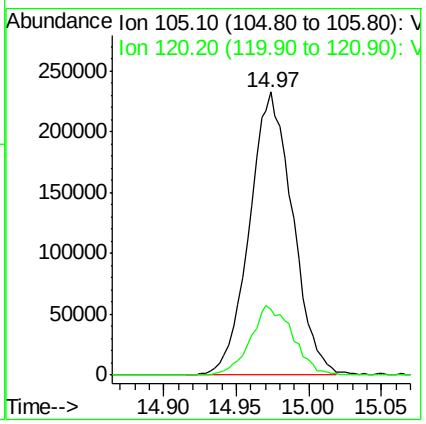


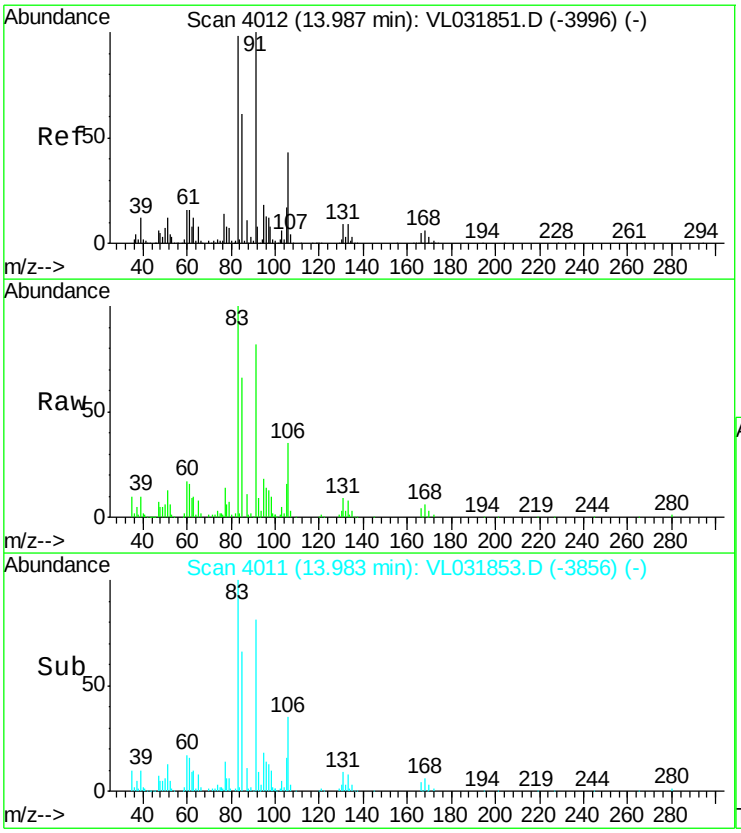
#62
Isopropylbenzene
Concen: 1.02 ppbv
RT: 14.97 min Scan# 4319
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 481506

Ion	Ratio	Lower	Upper
105	100		
120	24.1	19.8	29.6

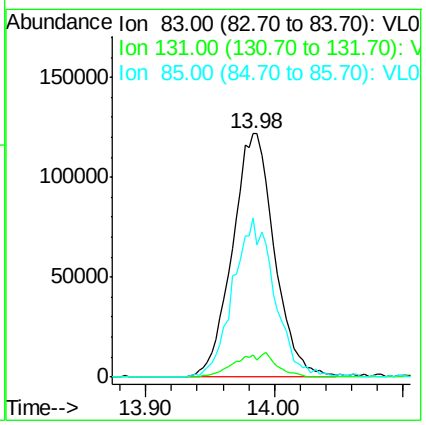


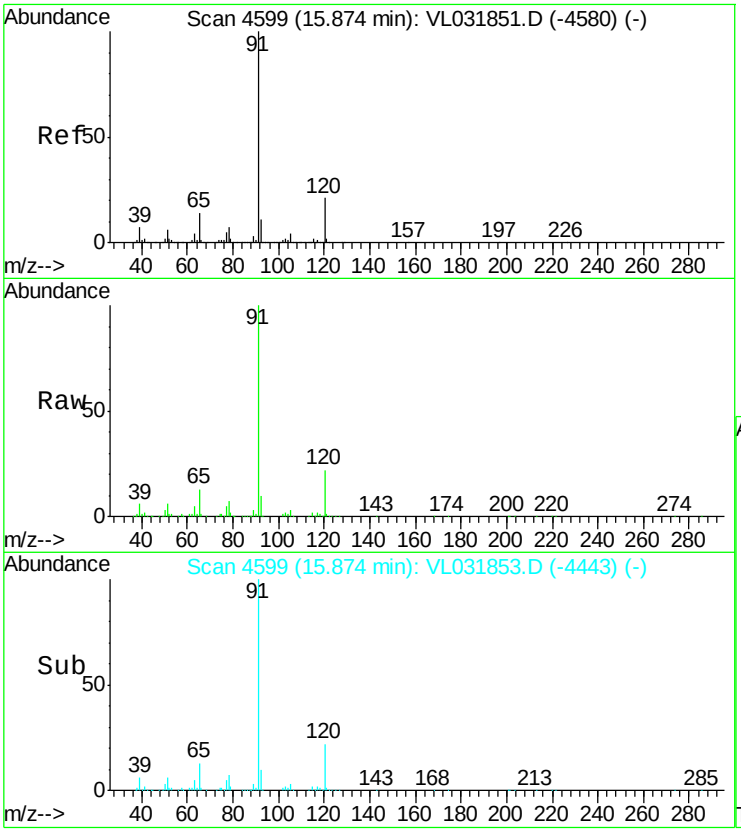


#63
1,1,2,2-Tetrachloroethane
Concen: 1.14 ppbv
RT: 13.98 min Scan# 4011
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 83 Resp: 276496

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	64.5	32.8	98.4



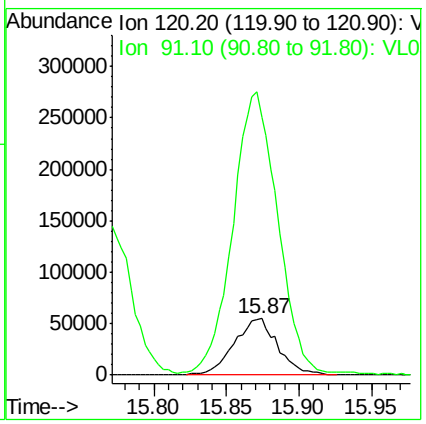


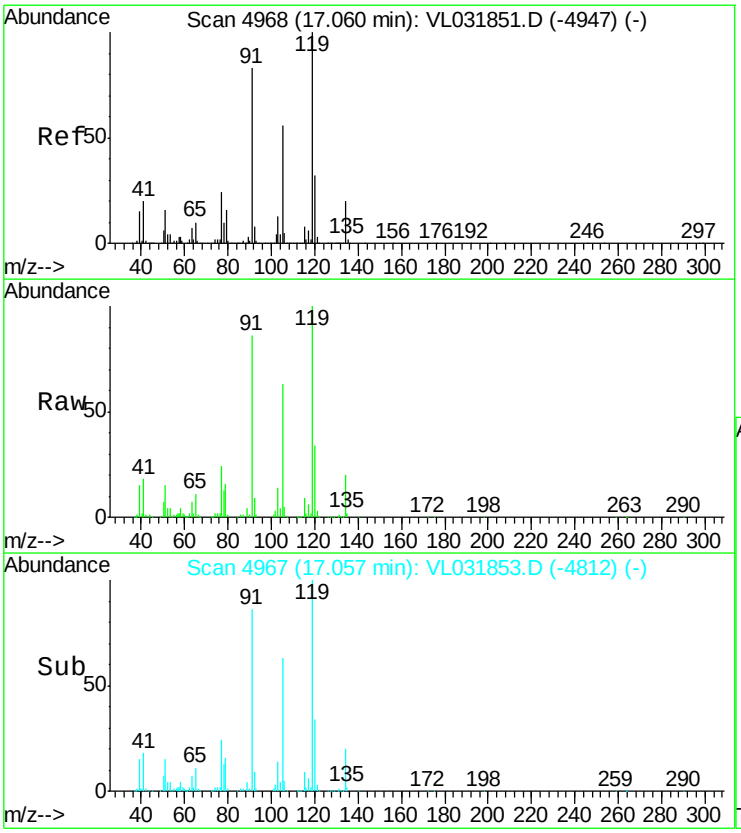
#64
n-propylbenzene
Concen: 1.00 ppbv
RT: 15.87 min Scan# 4599
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:120 Resp: 113372

Ion	Ratio	Lower	Upper
120	100		
91	529.4	397.3	595.9

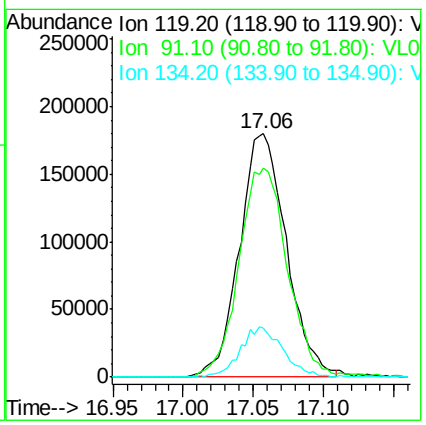


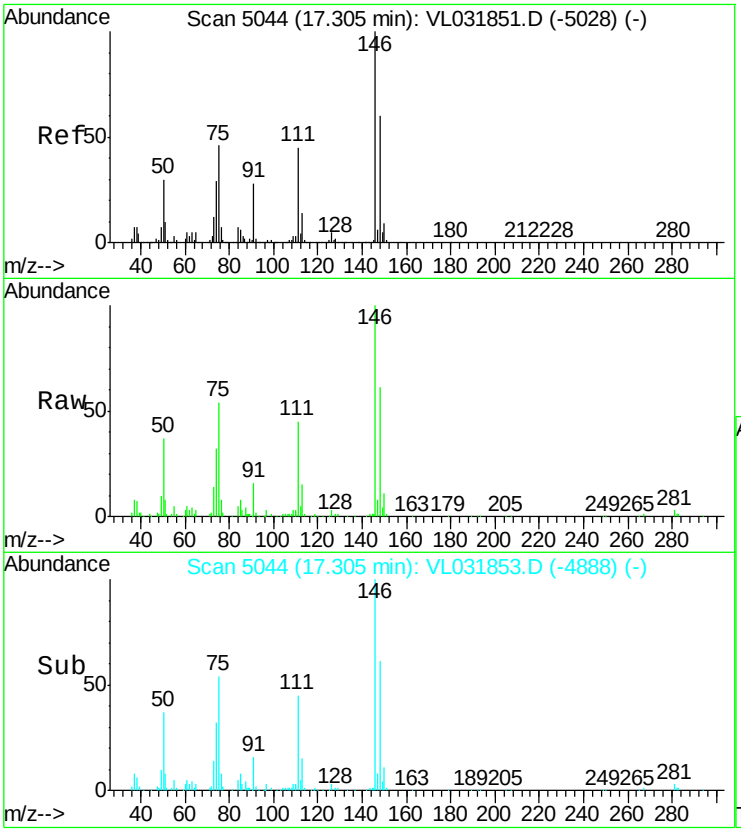


#65
tert-Butylbenzene
Concen: 1.04 ppbv
RT: 17.06 min Scan# 4967
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:119 Resp: 418525

Ion	Ratio	Lower	Upper
119	100		
91	89.8	69.0	103.6
134	18.8	15.4	23.0



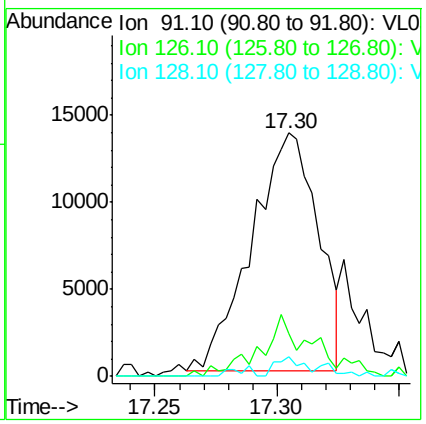


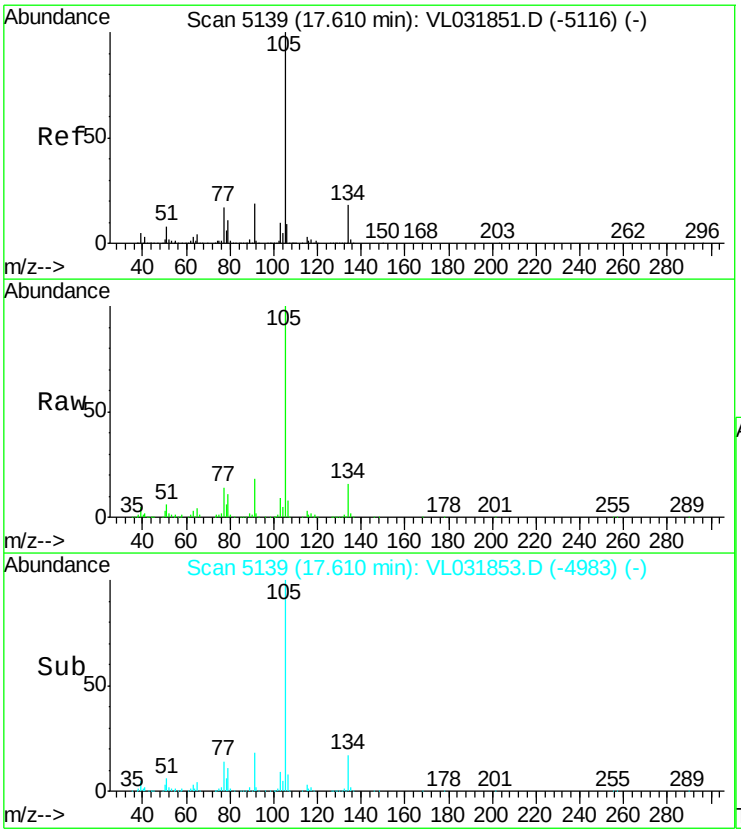
#66
Benzyl Chloride
Concen: 0.76 ppbv
RT: 17.30 min Scan# 5044
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 26061

Ion	Ratio	Lower	Upper
91	100		
126	21.1	12.7	19.1#
128	6.6	4.1	6.1#

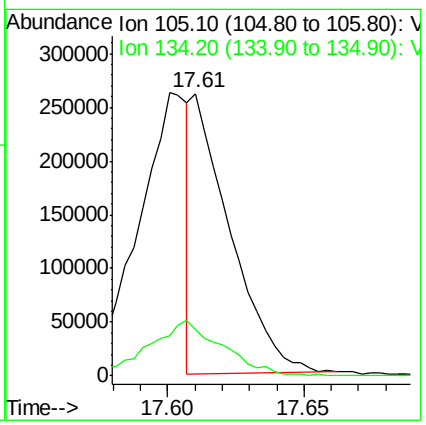


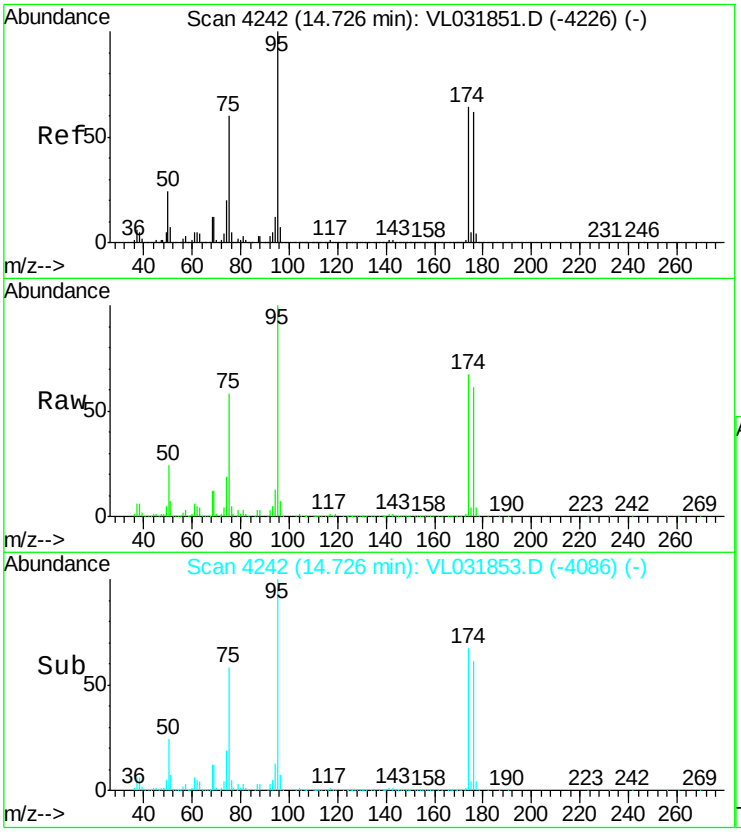


#67
sec-Butylbenzene
Concen: 0.45 ppbv
RT: 17.61 min Scan# 5139
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:105 Resp: 253041

Ion	Ratio	Lower	Upper
105	100		
134	39.6	14.0	21.0#



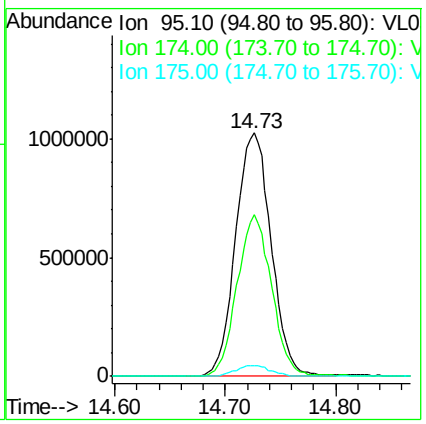


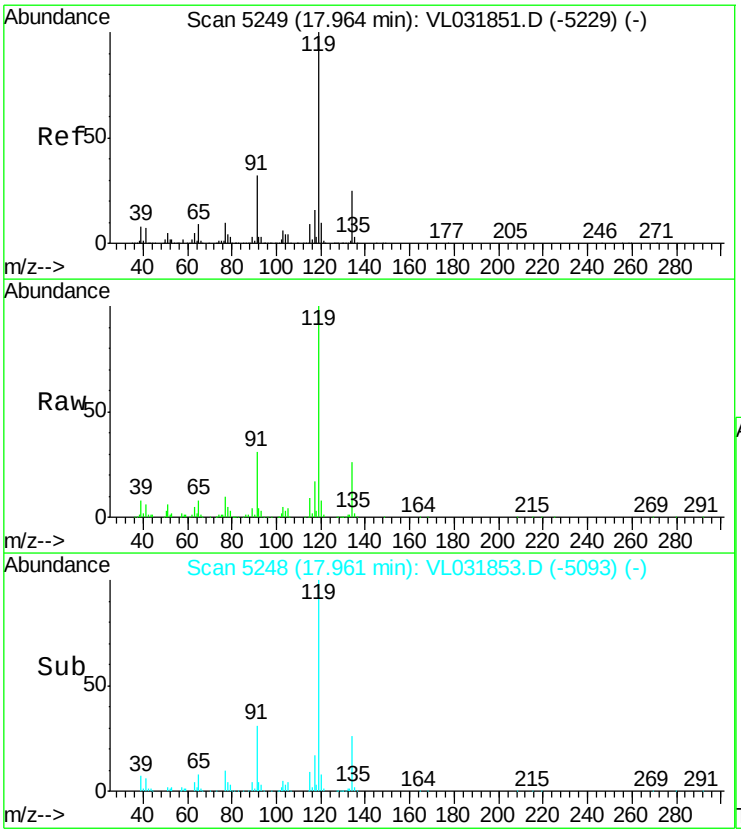
#68
1-Bromo-4-Fluorobenzene
Concen: 10.86 ppbv
RT: 14.73 min Scan# 4242
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 95 Resp: 2291240

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.6	3.8	5.8

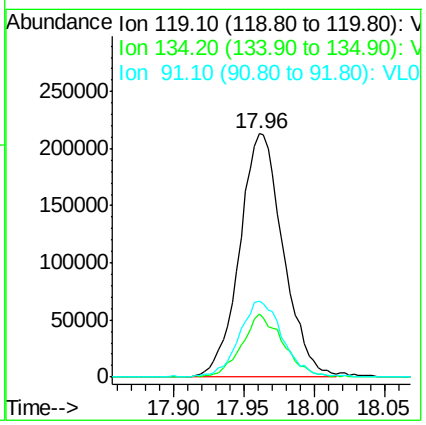


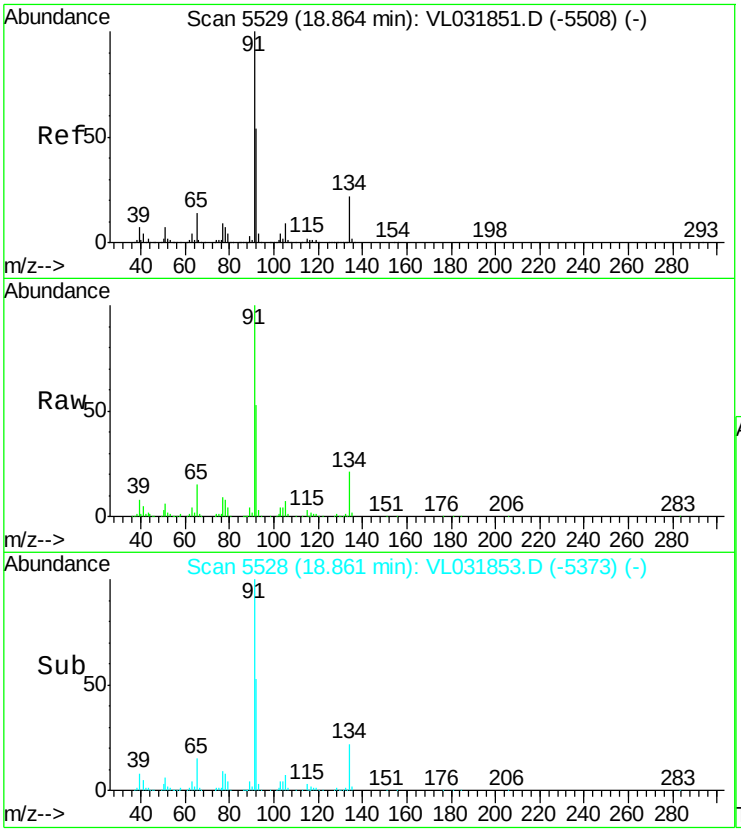


#69
p-Isopropyltoluene
Concen: 1.01 ppbv
RT: 17.96 min Scan# 5248
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:119 Resp: 458449

Ion	Ratio	Lower	Upper
119	100		
134	25.1	19.7	29.5
91	31.9	24.6	37.0



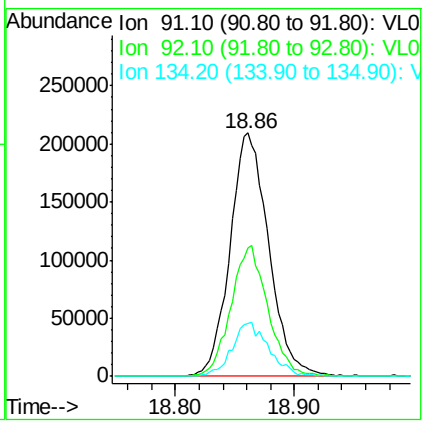


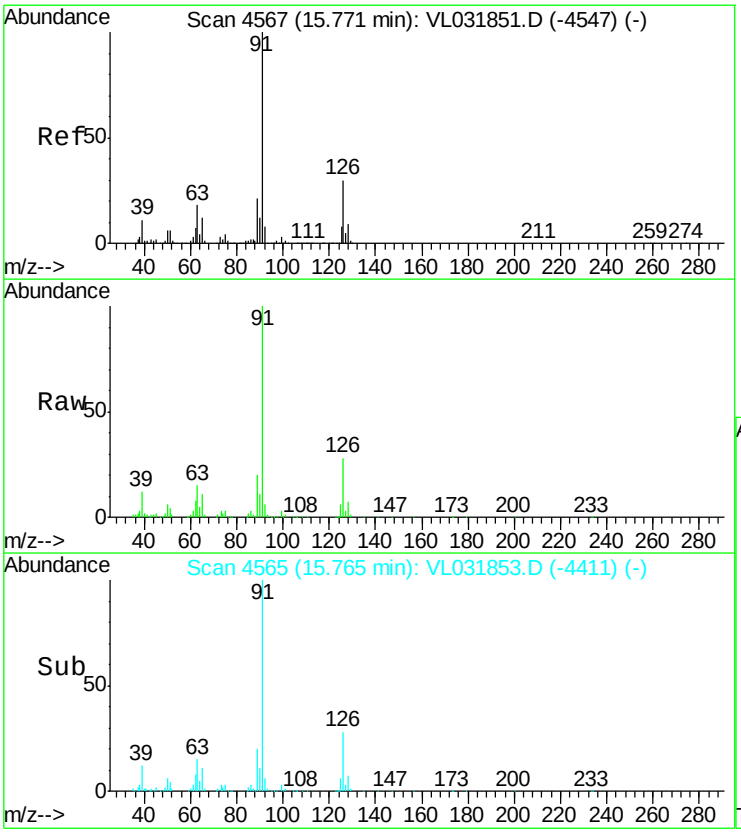
#70
n-Butylbenzene
Concen: 1.05 ppbv
RT: 18.86 min Scan# 5528
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 468627

Ion	Ratio	Lower	Upper
91	100		
92	51.7	42.2	63.4
134	21.2	17.2	25.8

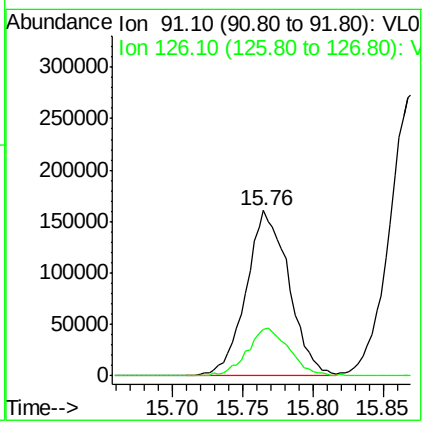


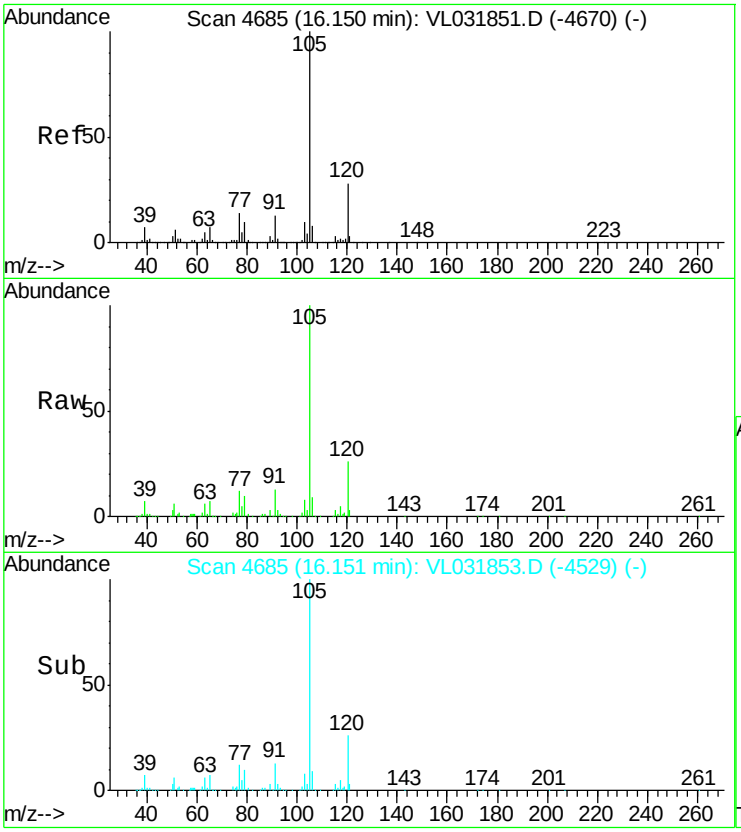


#71
2-Chlorotoluene
Concen: 0.96 ppbv
RT: 15.76 min Scan# 4565
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion: 91 Resp: 340529

Ion	Ratio	Lower	Upper
91	100		
126	28.5	11.5	45.9



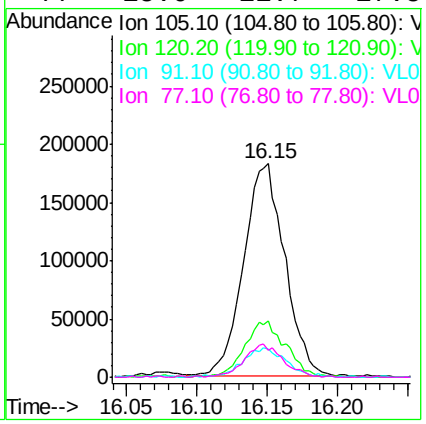


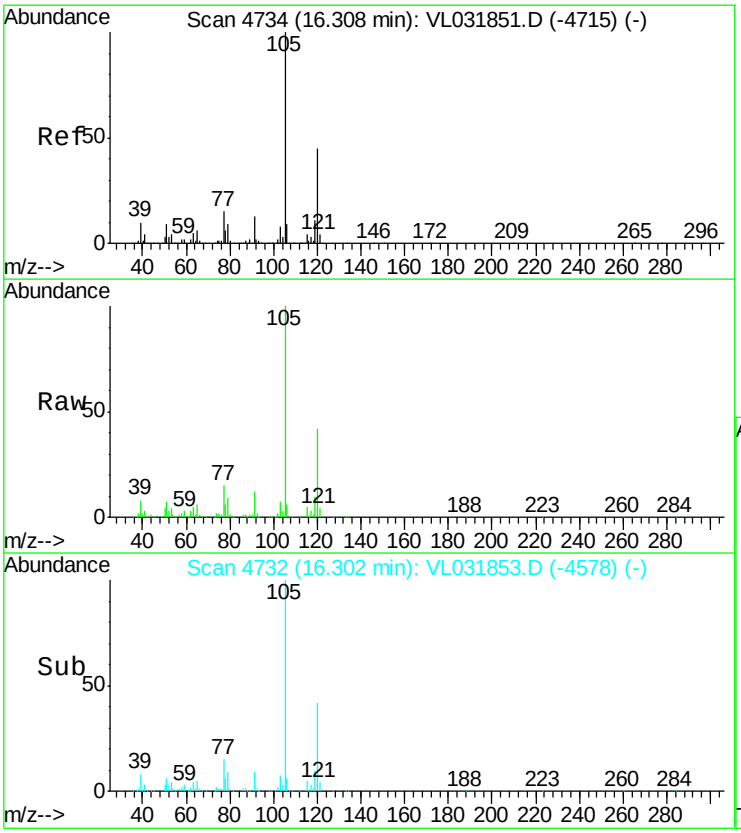
#72
4-Ethyltoluene
Concen: 1.00 ppbv
RT: 16.15 min Scan# 4685
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 372074

Ion	Ratio	Lower	Upper
105	100		
120	26.7	22.6	33.8
91	14.5	10.7	16.1
77	15.0	11.7	17.5

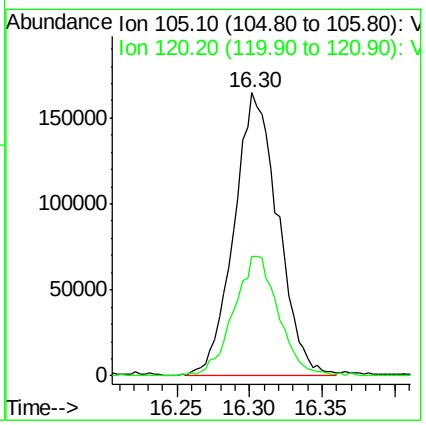


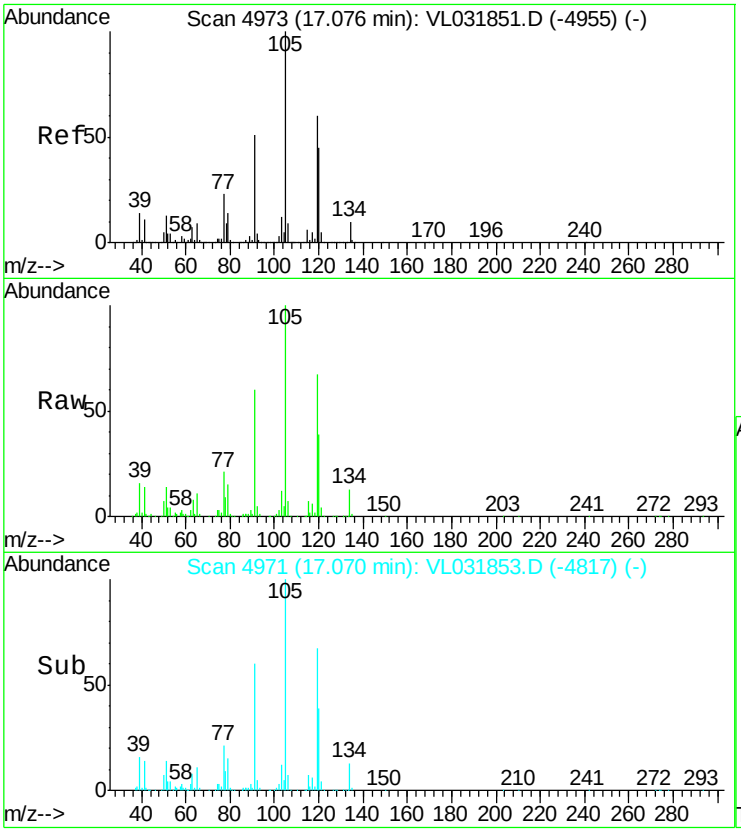


#73
1,3,5-Trimethylbenzene
Concen: 1.02 ppbv
RT: 16.30 min Scan# 4732
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:105 Resp: 344652

Ion	Ratio	Lower	Upper
105	100		
120	41.7	36.3	54.5



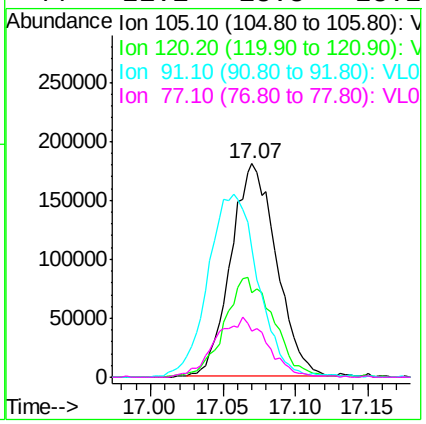


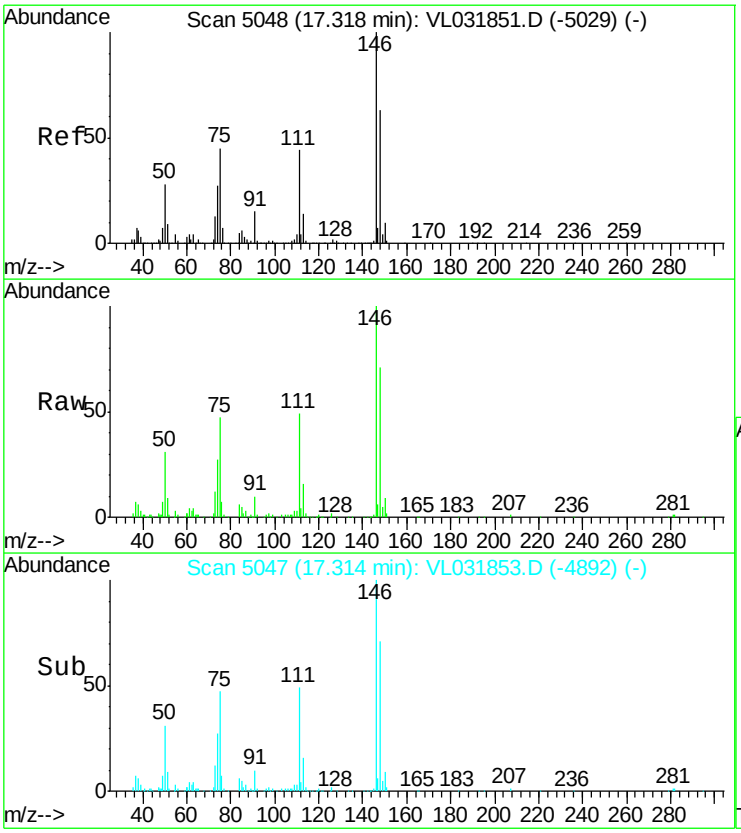
#74
1,2,4-Trimethylbenzene
Concen: 1.07 ppbv
RT: 17.07 min Scan# 4971
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 392254

Ion	Ratio	Lower	Upper
105	100		
120	39.0	36.2	54.4
91	59.7	43.3	64.9
77	21.1	18.8	28.2

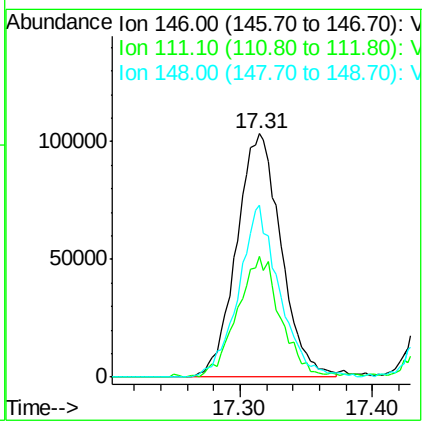


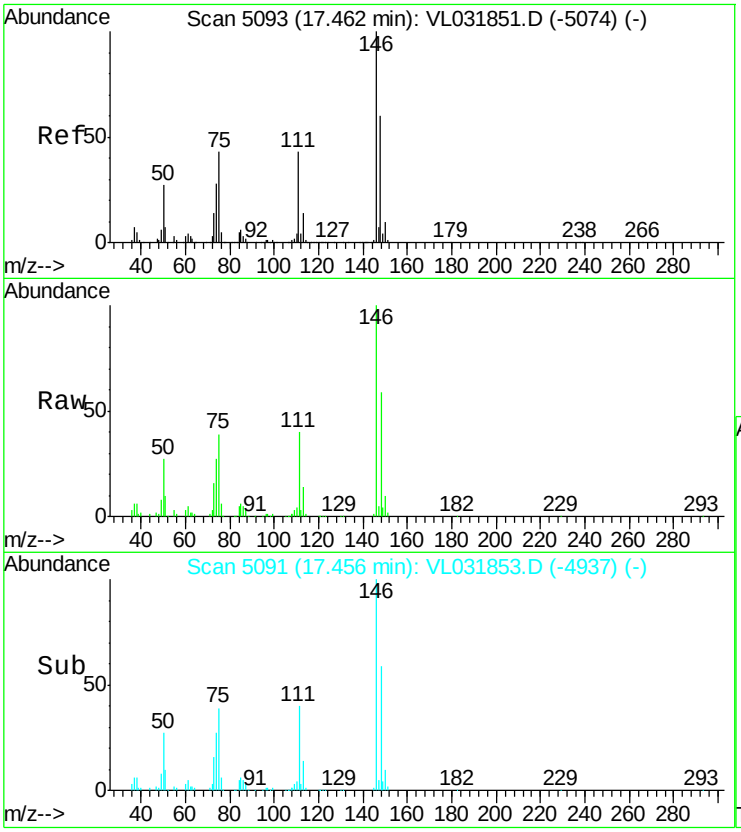


#75
1,3-Dichlorobenzene
Concen: 1.08 ppbv
RT: 17.31 min Scan# 5047
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:146 Resp: 240569

Ion	Ratio	Lower	Upper
146	100		
111	49.1	23.4	70.0
148	65.0	32.1	96.5



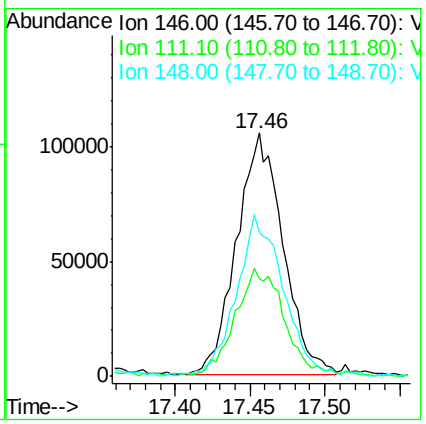


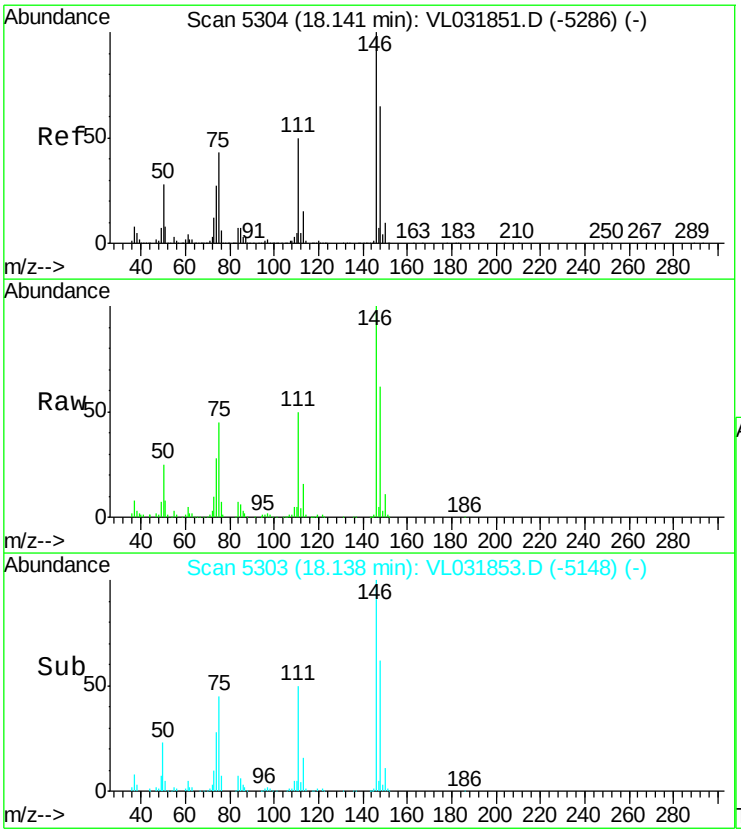
#76
1,4-Dichlorobenzene
Concen: 1.00 ppbv
RT: 17.46 min Scan# 5091
Delta R.T. -0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 226972

Ion	Ratio	Lower	Upper
146	100		
111	48.4	22.9	68.7
148	67.0	32.1	96.5

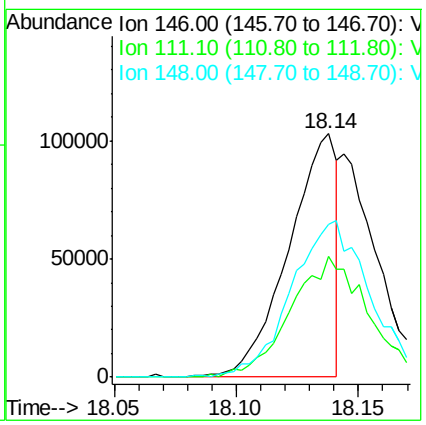


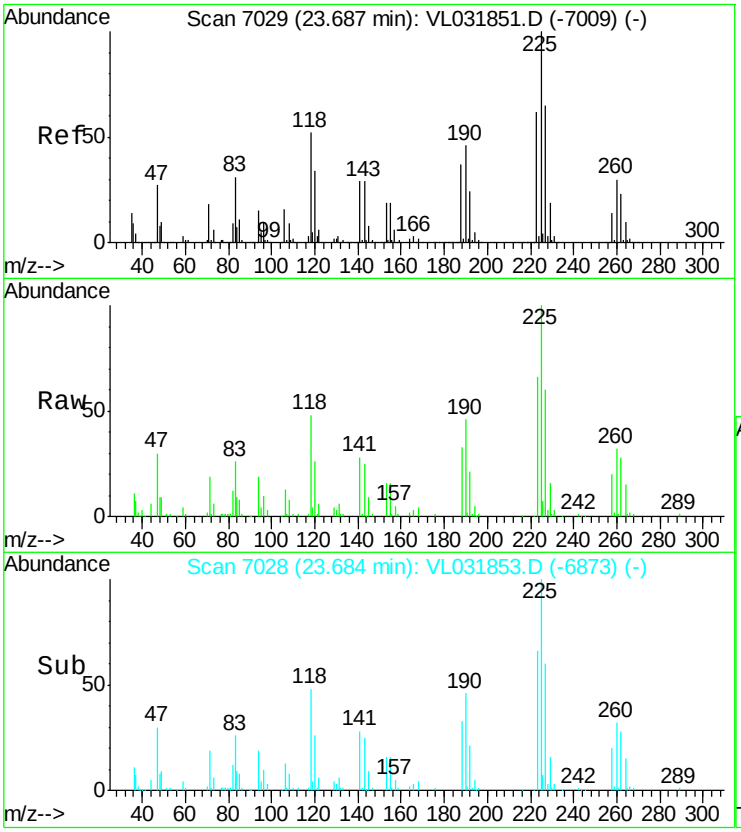


#77
1,2-Dichlorobenzene
Concen: 0.65 ppbv
RT: 18.14 min Scan# 5303
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:146 Resp: 140637

Ion	Ratio	Lower	Upper
146	100		
111	81.7	24.3	72.8#
148	107.2	31.7	95.1#



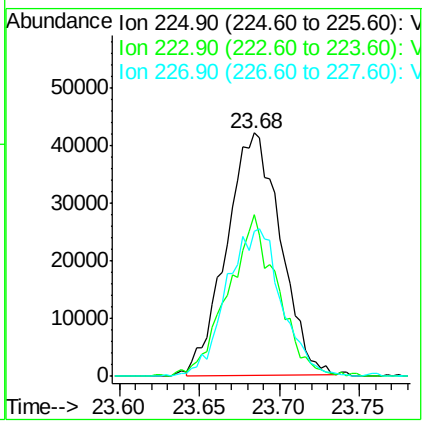


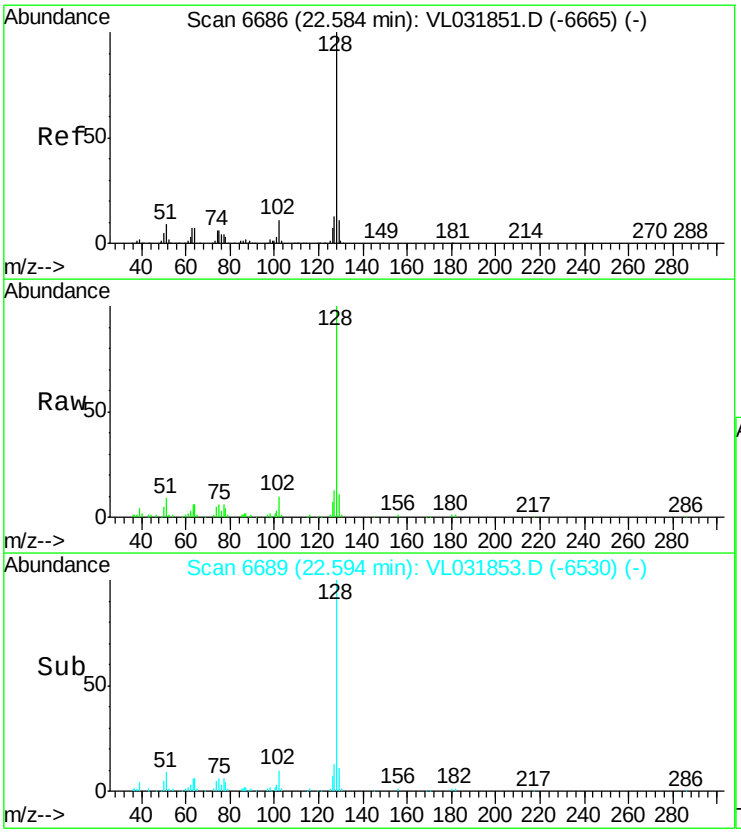
#78
Hexachloro-1,3-Butadiene
Concen: 1.09 ppbv
RT: 23.68 min Scan# 7028
Delta R.T. -0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:225 Resp: 97543

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	61.8	50.8	76.2

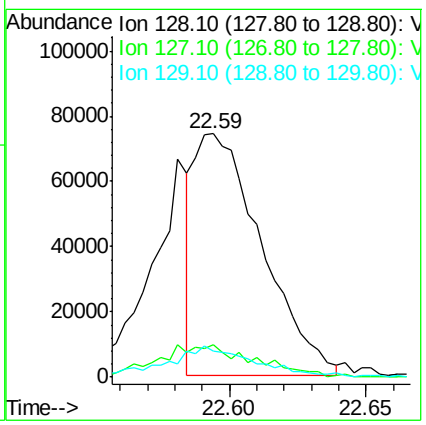


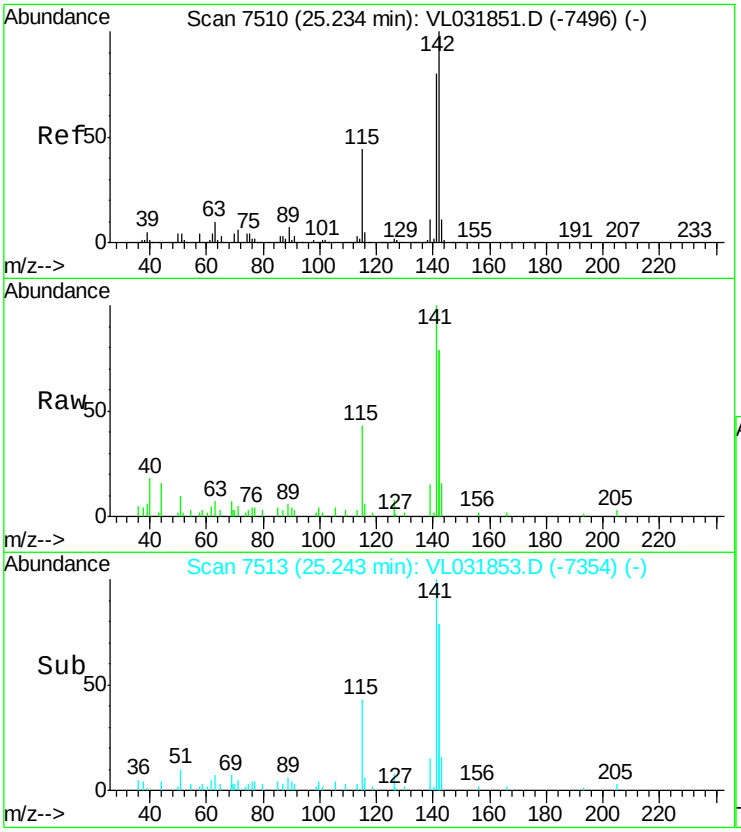


#79
Naphthalene
Concen: 0.55 ppbv
RT: 22.59 min Scan# 6689
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:128 Resp: 126285

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	9.4	9.1	13.7



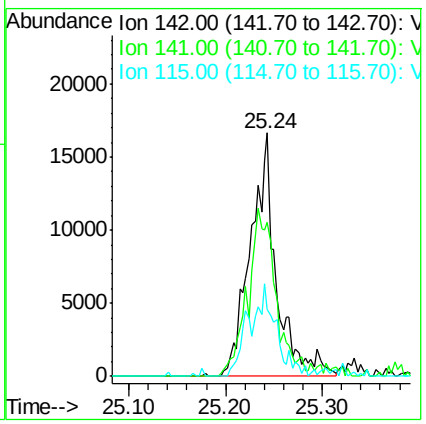


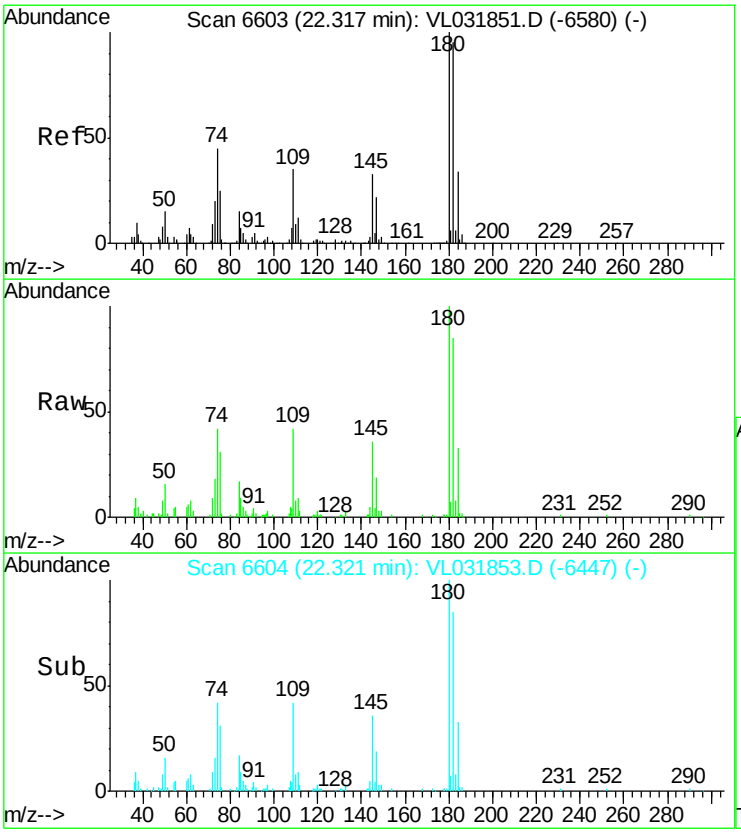
#80
Naphthalene,2-methyl-
Concen: 0.55 ppbv
RT: 25.24 min Scan# 7513
Delta R.T. 0.01 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:142 Resp: 31296

Ion	Ratio	Lower	Upper
142	100		
141	73.3	65.8	98.8
115	39.1	35.8	53.6





#81
1,2,4-Trichlorobenzene
Concen: 0.46 ppbv
RT: 22.32 min Scan# 6604
Delta R.T. 0.00 min
Lab File: VL031853.D
Acq: 12 Apr 2018 1:36

Tgt Ion:180 Resp: 58164

Ion	Ratio	Lower	Upper
180	100		
182	184.7	76.6	114.8#
184	61.7	25.0	37.4#