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

Quantitation Report (Not Reviewed)

Data File : VL031852.D
Acq On : 12 Apr 2018 00:59
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Apr 12 04:18:02 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	1292141	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	2992757	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2993412	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	2346406	10.43	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	598994	2.48	ppbv		97
3) Chlorodifluoromethane	3.10	51	347820	2.10	ppbv		100
4) Chloromethane	3.26	50	174522	2.10	ppbv		93
5) Vinyl Chloride	3.38	62	183896	2.20	ppbv		99
6) Bromomethane	3.61	94	131271	2.30	ppbv		99
7) Chloroethane	3.70	64	78008	2.26	ppbv	#	85
8) Dichlorotetrafluoroethane	3.31	85	484870	2.18	ppbv		99
9) Propene	3.13	41	120050	1.82	ppbv		99
10) Heptane	8.38	43	379849	1.93	ppbv		99
11) Trichlorofluoromethane	4.11	101	564239	2.33	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.67	101	361572	2.26	ppbv		99
13) Ethanol	3.76	45	22345	1.07	ppbv	#	30
14) Bromoethene	3.89	108	141722	2.17	ppbv		99
15) Acetone	4.01	43	455382	2.10	ppbv		99
16) 1,3-Butadiene	3.46	39	156463	1.99	ppbv		91
17) tert-Butyl alcohol	4.48	59	180251	1.83	ppbv		100
18) 1,1-Dichloroethene	4.46	96	156368	2.16	ppbv		99
19) Isopropyl Alcohol	4.13	45	241064	2.04	ppbv	#	97
20) Methylene Chloride	4.52	84	153091	2.12	ppbv		96
21) Allyl Chloride	4.59	41	246795	2.13	ppbv		97
22) trans-1,2-Dichloroethene	5.08	96	165583	2.14	ppbv		98
23) Vinyl Acetate	5.27	43	446869	1.89	ppbv		99
24) 1,1-Dichloroethane	5.21	63	449029	2.24	ppbv		99
25) Ethyl Acetate	5.89	43	681533	2.04	ppbv		99
26) Hexane	5.91	57	315857	2.05	ppbv		97
27) Carbon Disulfide	4.74	76	400401	2.38	ppbv		99
28) Methyl tert-Butyl Ether	5.23	73	406989	1.95	ppbv		100
29) Chloroform	5.97	83	519359	2.12	ppbv		97
30) Cyclohexane	7.39	84	135675	1.10	ppbv	#	1
31) cis-1,2-Dichloroethene	5.76	61	275675	1.93	ppbv		95
32) 1,1,1-Trichloroethane	6.75	97	504331	1.96	ppbv		99
34) 2-Butanone	5.45	43	454638	2.21	ppbv		98
35) Carbon Tetrachloride	7.27	117	516142	2.30	ppbv		96
36) Benzene	7.14	78	588306	2.09	ppbv	#	95
37) 1,2-Dichloroethane	6.54	62	427255	2.27	ppbv		98
38) Trichloroethene	8.10	130	235627	2.07	ppbv		92
39) 1,2-Dichloropropane	7.87	63	217334	2.13	ppbv		95
40) 1,4-Dioxane	8.11	88	81281	1.99	ppbv	#	1
41) Tetrahydrofuran	6.29	42	211666	2.05	ppbv		99
42) Bromodichloromethane	8.05	83	519581	2.33	ppbv		96
43) Methyl Methacrylate	8.28	69	206748	2.08	ppbv		100

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

Quantitation Report (Not Reviewed)

Data File : VL031852.D
Acq On : 12 Apr 2018 00:59
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Apr 12 04:18:02 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)
44) 2,2,4-Trimethylpentane	8.13	57	1036823	2.26	ppbv		99
45) t-1,3-Dichloropropene	9.56	75	265338	1.97	ppbv		98
46) cis-1,3-Dichloropropene	8.98	75	342294	2.03	ppbv		98
47) 1,1,2-Trichloroethane	9.76	97	242971	2.09	ppbv		97
48) Dibromochloromethane	10.60	129	408736	2.26	ppbv		100
49) Bromoform	13.35	173	313430	2.36	ppbv		99
50) 4-Methyl-2-Pentanone	9.02	43	527459	2.22	ppbv		99
51) 2-Hexanone	10.42	43	480087	2.18	ppbv	#	98
52) Tetrachloroethene	11.52	164	215154	1.89	ppbv		96
53) Toluene	10.09	91	663783	2.04	ppbv		100
54) 1,2-Dibromoethane	10.91	107	372028	2.12	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.43	131	299783	2.17	ppbv	#	1
57) Chlorobenzene	12.45	112	546779	2.03	ppbv		95
58) Ethyl Benzene	13.01	91	944053	1.98	ppbv		96
59) m/p-Xylene	13.30	91	755089	1.92	ppbv	#	100
60) o-Xylene	14.00	91	820644	2.07	ppbv		99
61) Styrene	13.83	104	151570	1.72	ppbv		99
62) Isopropylbenzene	14.97	105	1035418	2.06	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.98	83	574016	2.21	ppbv		98
64) n-propylbenzene	15.87	120	250964	2.07	ppbv		94
65) tert-Butylbenzene	17.06	119	913006	2.12	ppbv		98
66) Benzyl Chloride	17.31	91	25430	0.69	ppbv	#	68
67) sec-Butylbenzene	17.60	105	1306404	2.17	ppbv		99
69) p-Isopropyltoluene	17.96	119	1031411	2.13	ppbv		99
70) n-Butylbenzene	18.86	91	1078180	2.26	ppbv		98
71) 2-Chlorotoluene	15.76	91	747833	1.98	ppbv		99
72) 4-Ethyltoluene	16.15	105	833347	2.09	ppbv		100
73) 1,3,5-Trimethylbenzene	16.30	105	761080	2.10	ppbv		98
74) 1,2,4-Trimethylbenzene	17.07	105	839693	2.16	ppbv		96
75) 1,3-Dichlorobenzene	17.31	146	508666	2.14	ppbv		99
76) 1,4-Dichlorobenzene	17.46	146	493339	2.04	ppbv		98
77) 1,2-Dichlorobenzene	18.14	146	503999	2.19	ppbv		99
78) Hexachloro-1,3-Butadiene	23.68	225	194029	2.03	ppbv		98
79) Naphthalene	22.59	128	499644	2.03	ppbv		95
80) Naphthalene,2-methyl-	25.24	142	84195	1.38	ppbv		99
81) 1,2,4-Trichlorobenzene	22.31	180	266986	1.99	ppbv		97

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

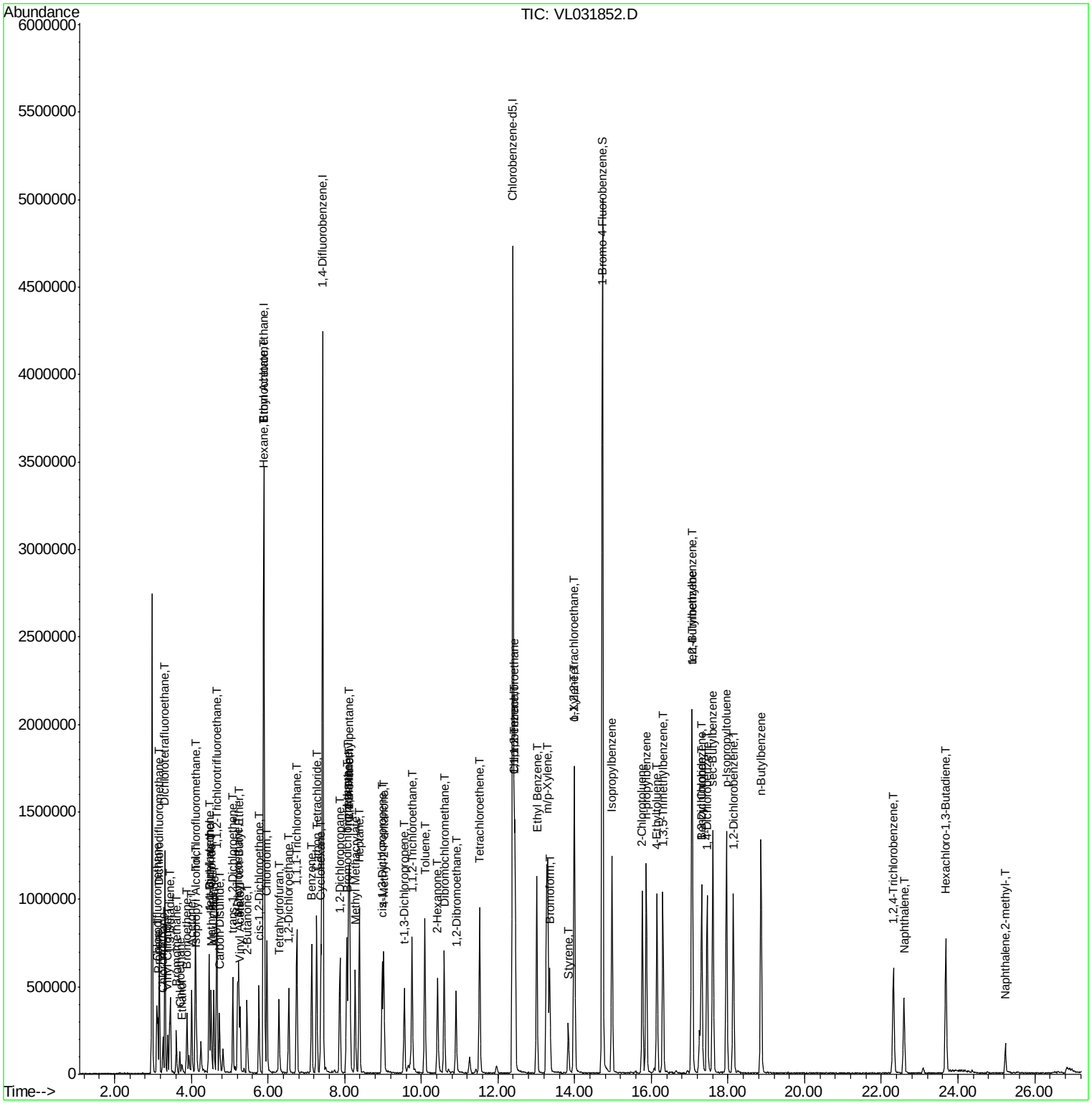
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

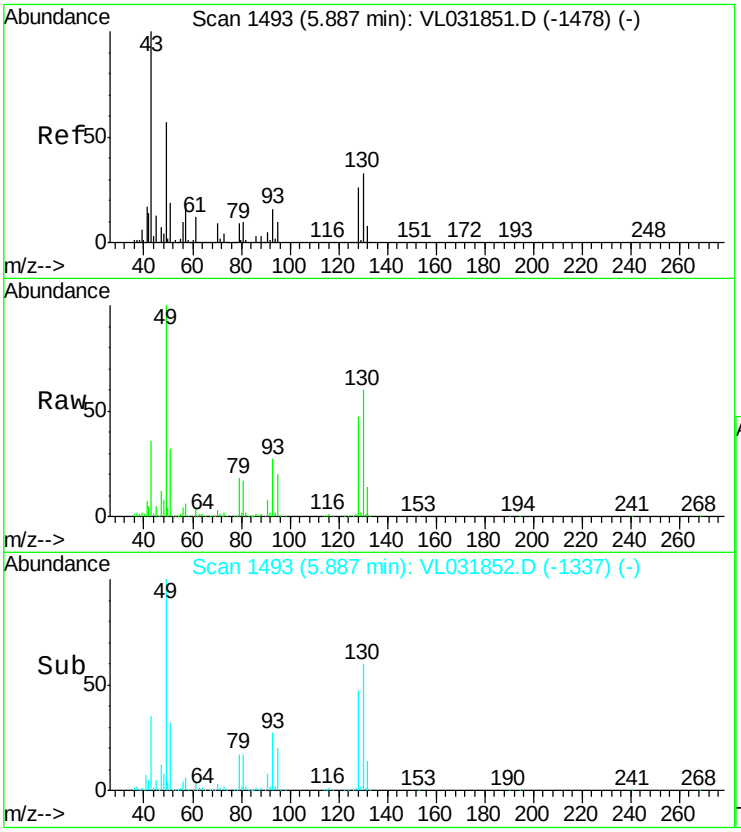
Quantitation Report (Not Reviewed)

Data File : VL031852.D
Acq On : 12 Apr 2018 00:59
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Apr 12 04:18:02 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



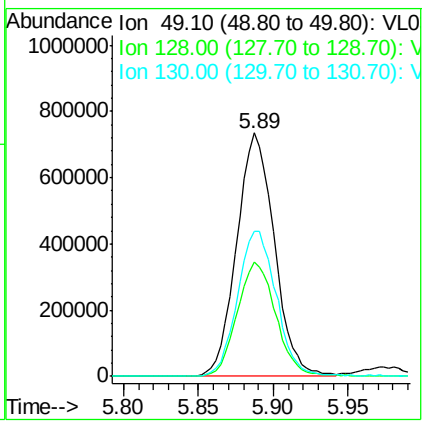


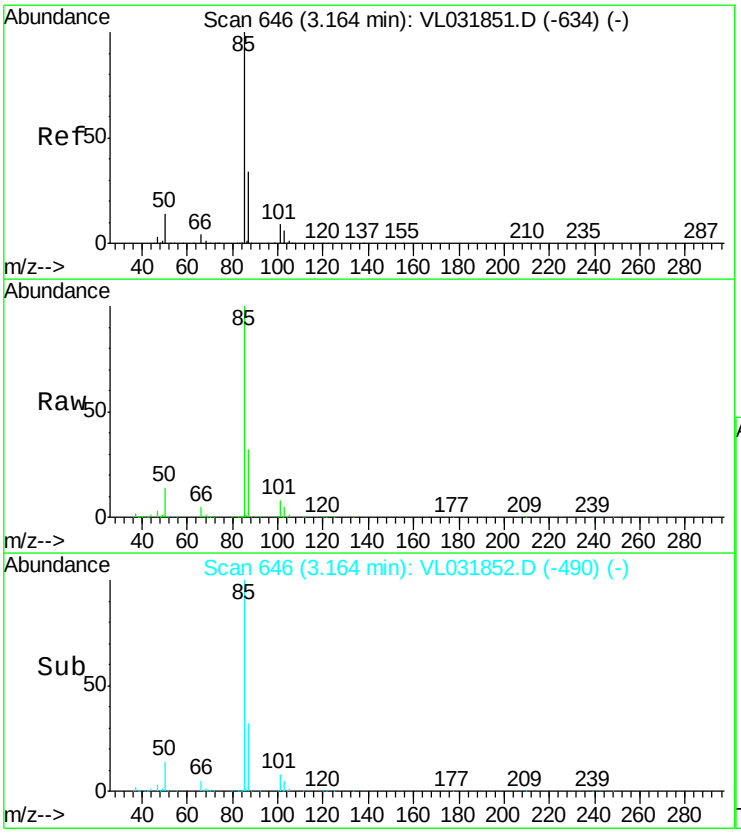
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1292141

Ion	Ratio	Lower	Upper
49	100		
128	48.3	23.9	71.8
130	62.0	31.1	93.2

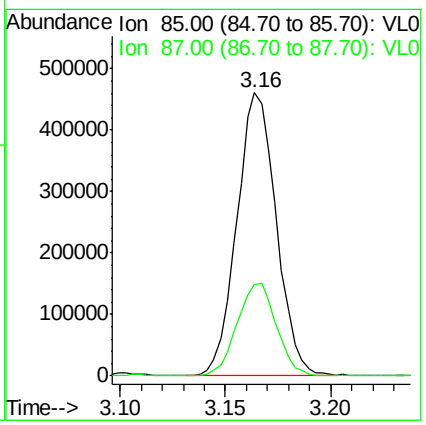


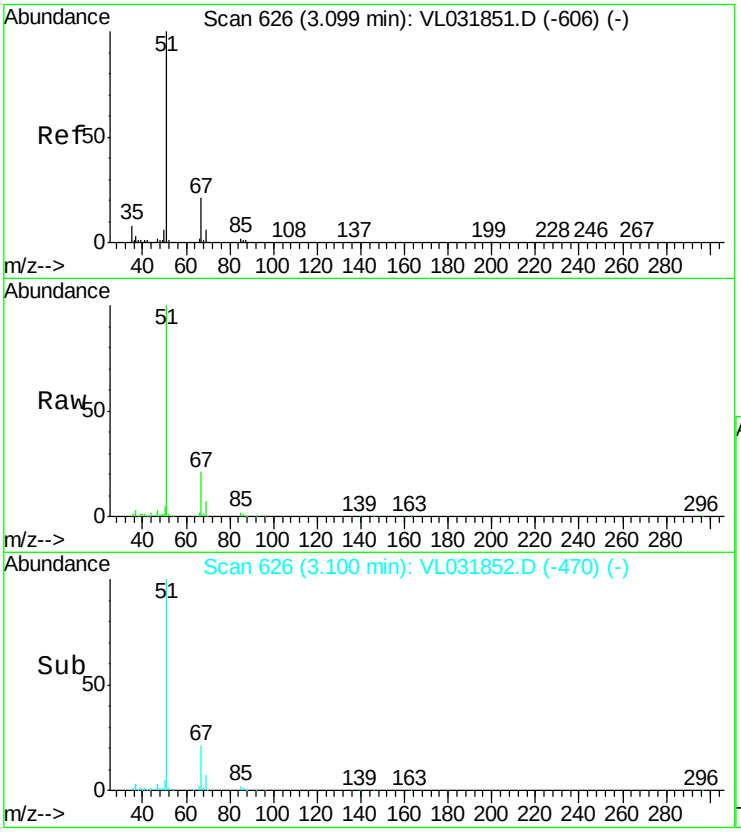


#2
Dichlorodifluoromethane
Concen: 2.48 ppbv
RT: 3.16 min Scan# 646
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 85 Resp: 598994

Ion	Ratio	Lower	Upper
85	100		
87	32.1	27.1	40.7



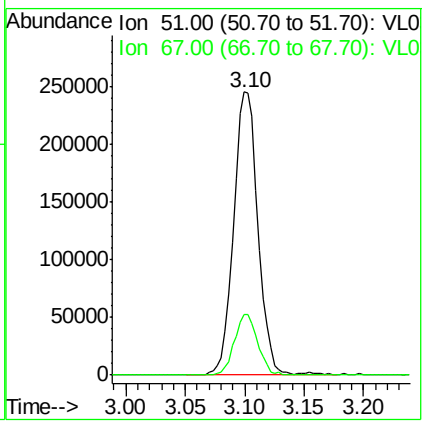


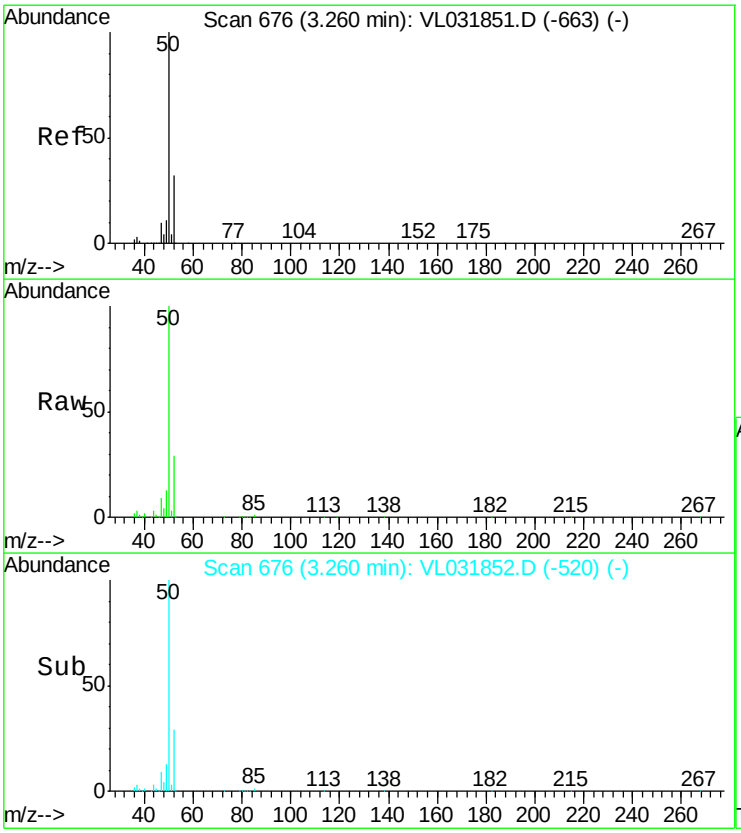
#3
Chlorodifluoromethane
Concen: 2.10 ppbv
RT: 3.10 min Scan# 626
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 347820

Ion	Ratio	Lower	Upper
51	100		
67	20.7	16.7	25.1

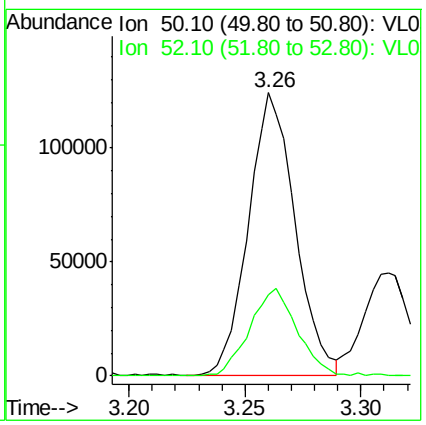


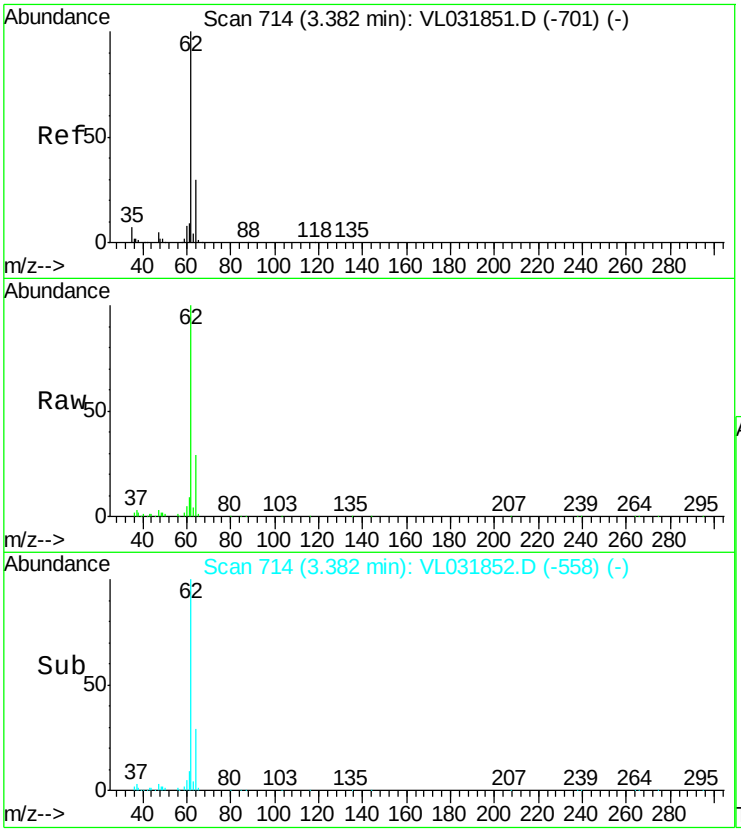


#4
Chloromethane
Concen: 2.10 ppbv
RT: 3.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 50 Resp: 174522

Ion	Ratio	Lower	Upper
50	100		
52	28.7	26.0	39.0



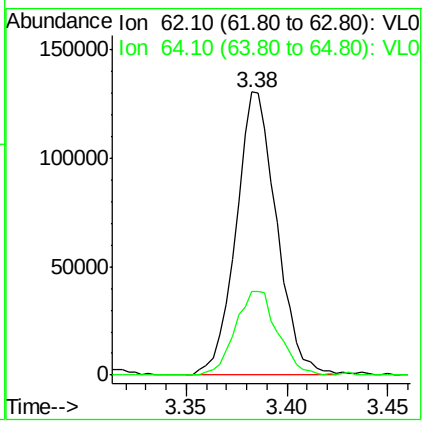


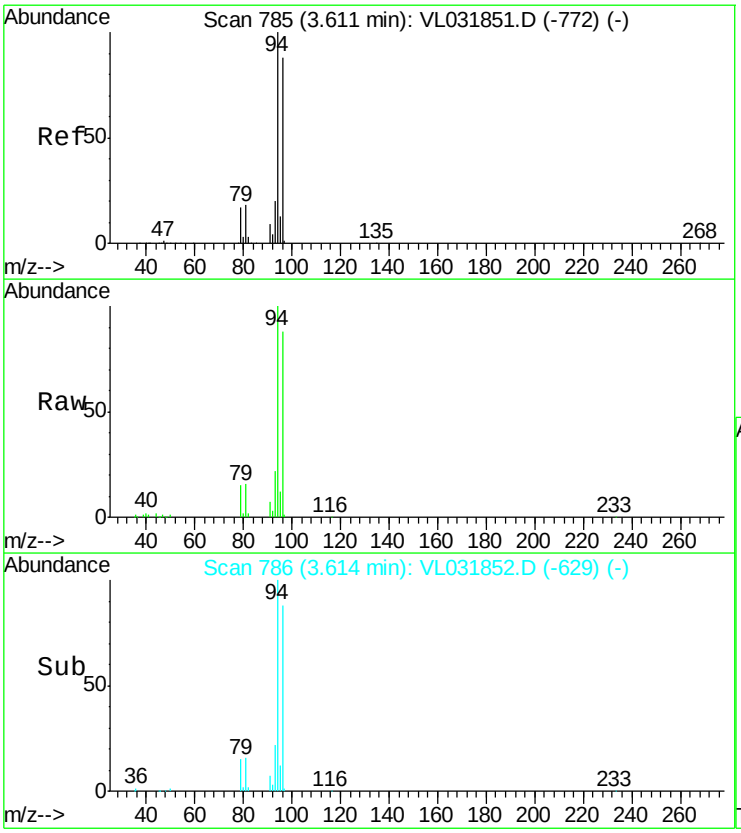
#5
Vinyl Chloride
Concen: 2.20 ppbv
RT: 3.38 min Scan# 714
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 183896

Ion	Ratio	Lower	Upper
62	100		
64	29.5	23.8	35.8

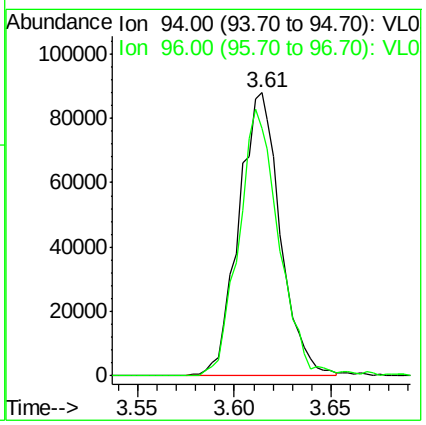


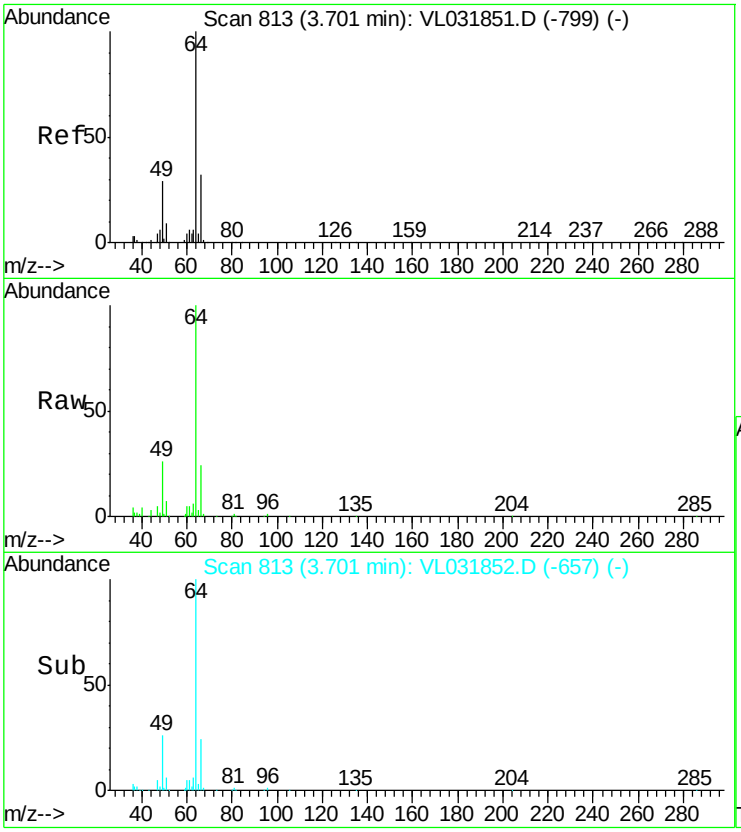


#6
Bromomethane
Concen: 2.30 ppbv
RT: 3.61 min Scan# 786
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 94 Resp: 131271

Ion	Ratio	Lower	Upper
94	100		
96	87.5	70.6	105.8



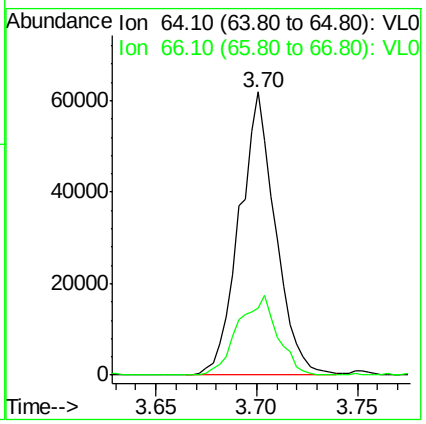


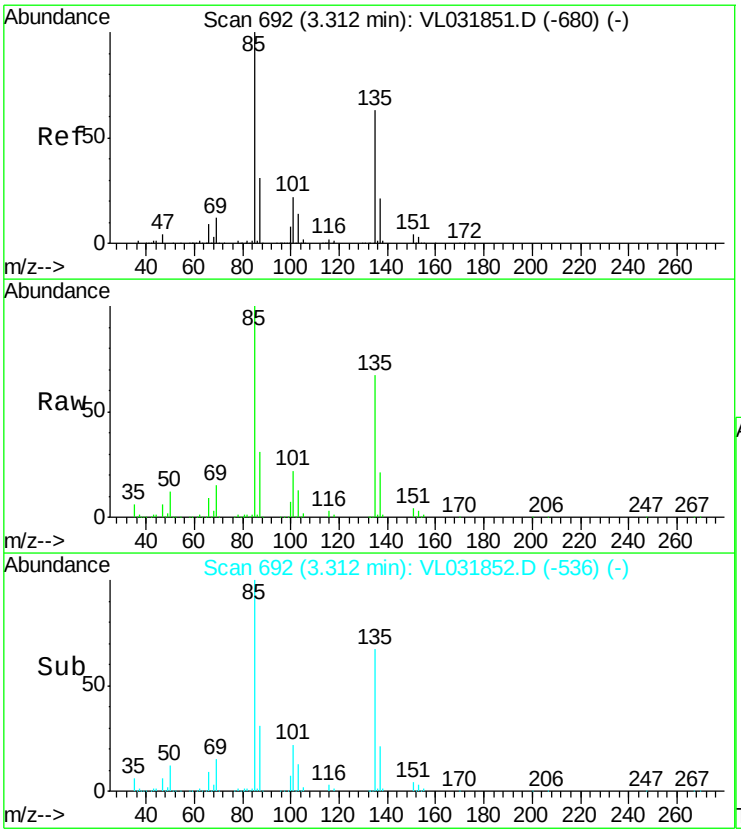
#7
Chloroethane
Concen: 2.26 ppbv
RT: 3.70 min Scan# 813
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 78008

Ion	Ratio	Lower	Upper
64	100		
66	23.6	25.5	38.3#

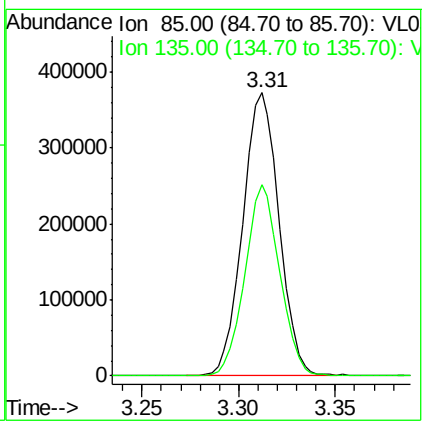


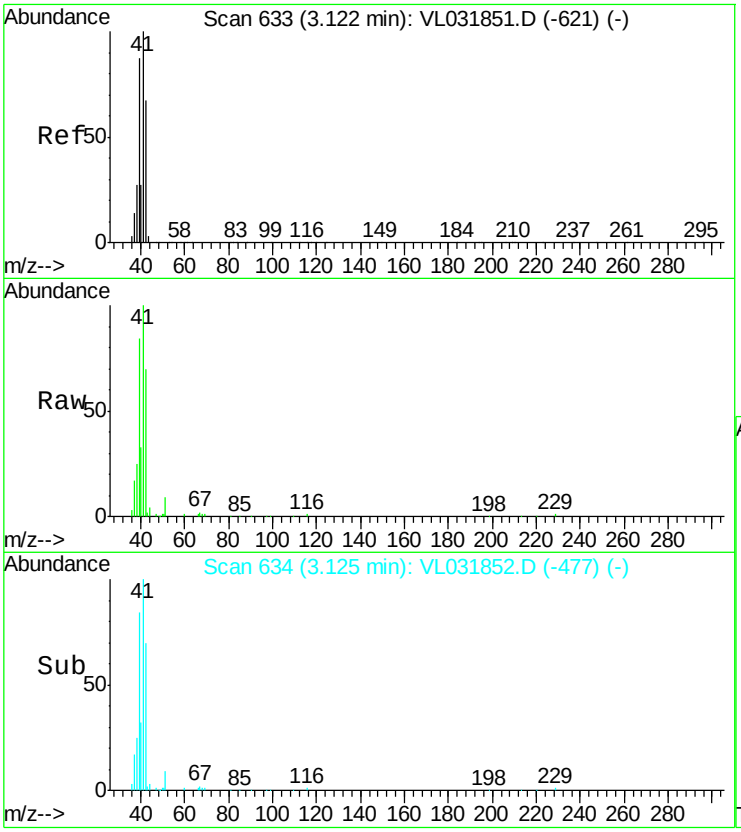


#8
Dichlorotetrafluoroethane
Concen: 2.18 ppbv
RT: 3.31 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 85 Resp: 484870

Ion	Ratio	Lower	Upper
85	100		
135	65.4	52.6	79.0



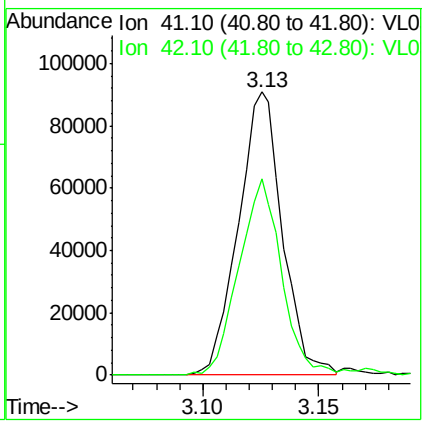


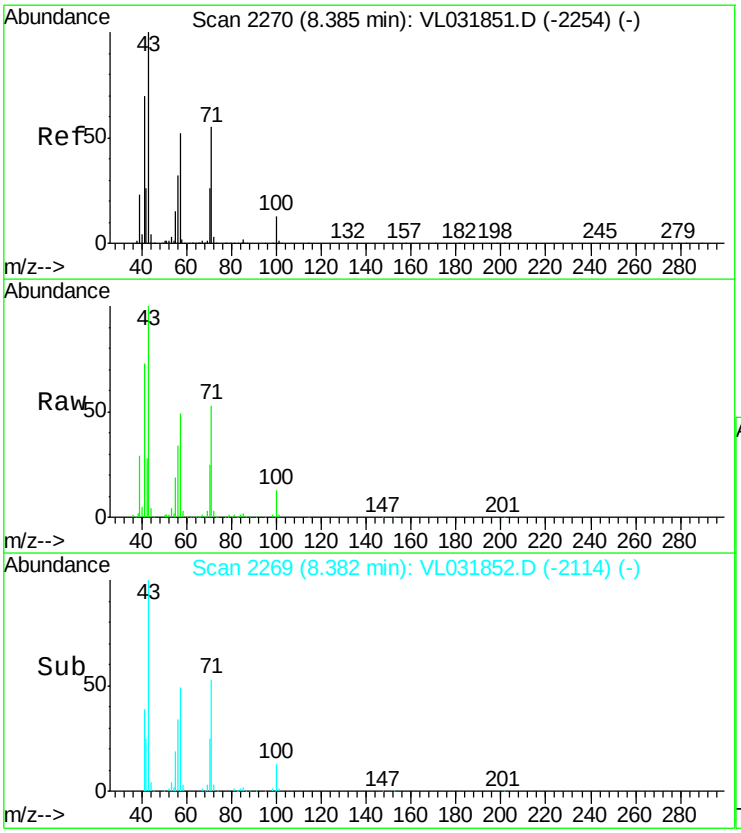
#9
Propene
Concen: 1.82 ppbv
RT: 3.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 120050

Ion	Ratio	Lower	Upper
41	100		
42	68.9	54.3	81.5

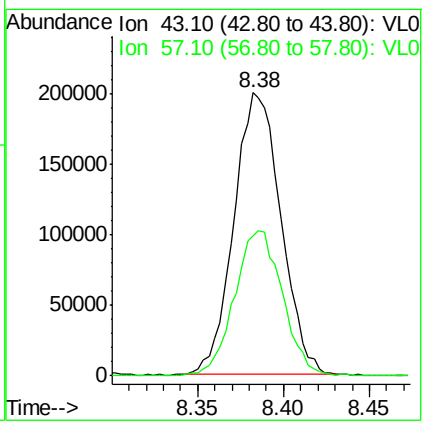


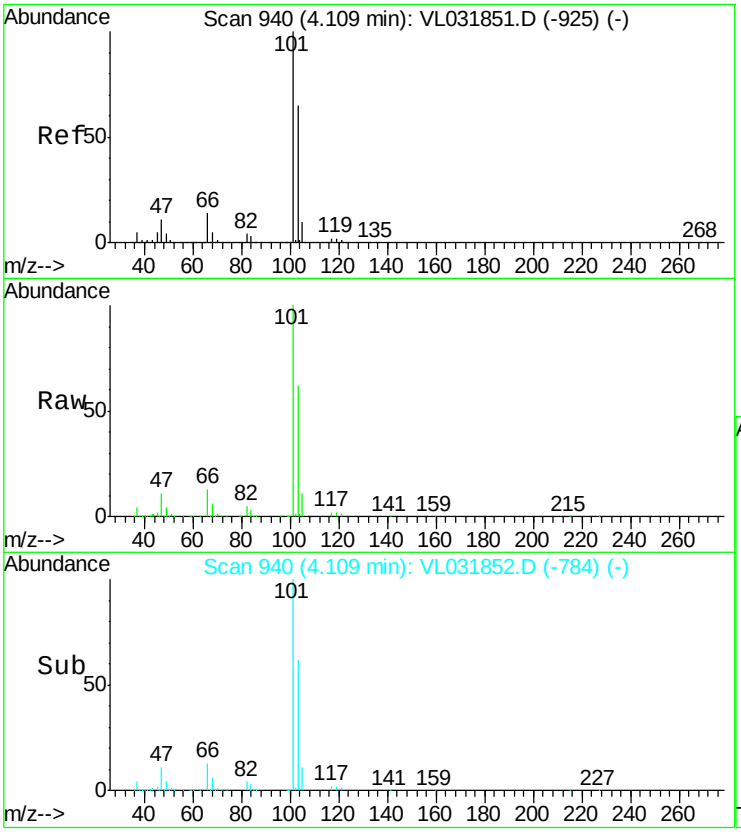


#10
Heptane
Concen: 1.93 ppbv
RT: 8.38 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 43 Resp: 379849

Ion	Ratio	Lower	Upper
43	100		
57	52.8	41.4	62.2



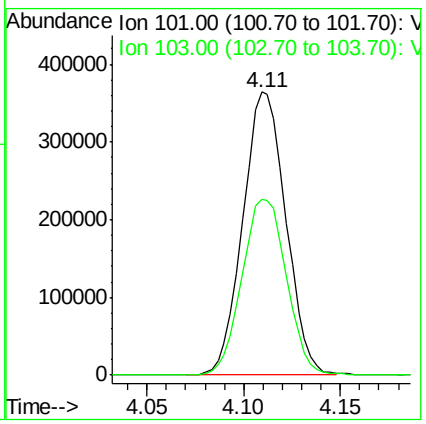


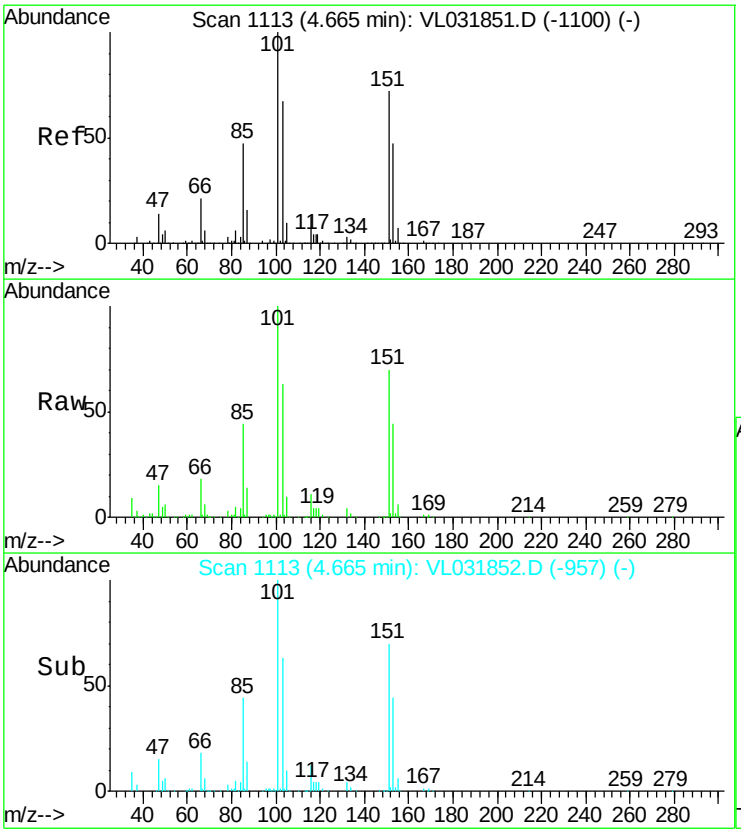
#11
Trichlorofluoromethane
Concen: 2.33 ppbv
RT: 4.11 min Scan# 940
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 564239

Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.8	77.6

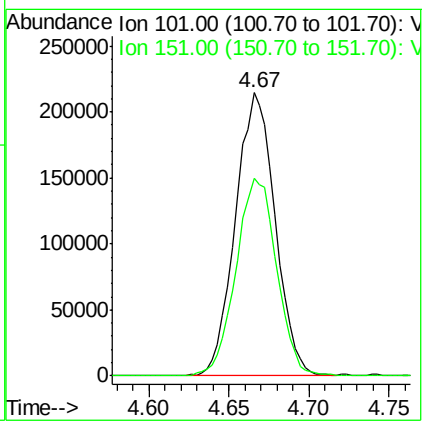


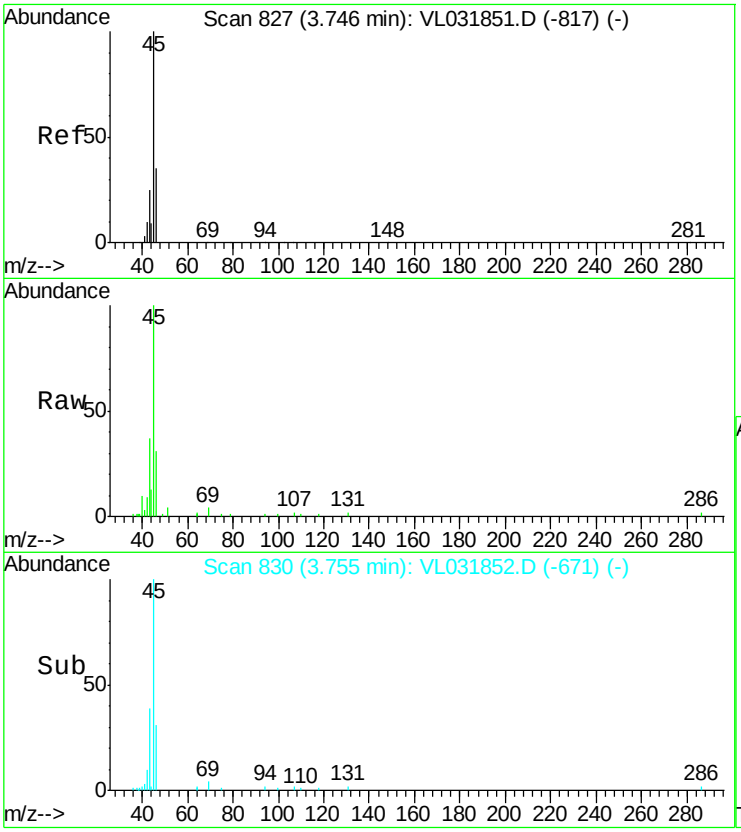


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.26 ppbv
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:101 Resp: 361572

Ion	Ratio	Lower	Upper
101	100		
151	71.6	57.7	86.5



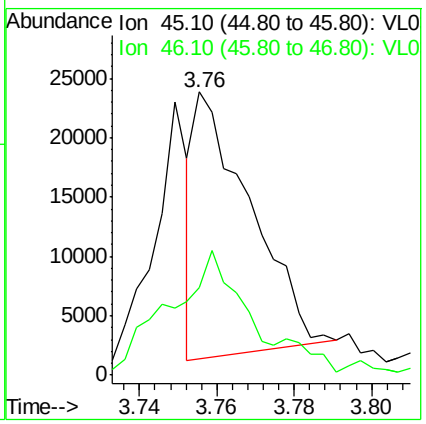


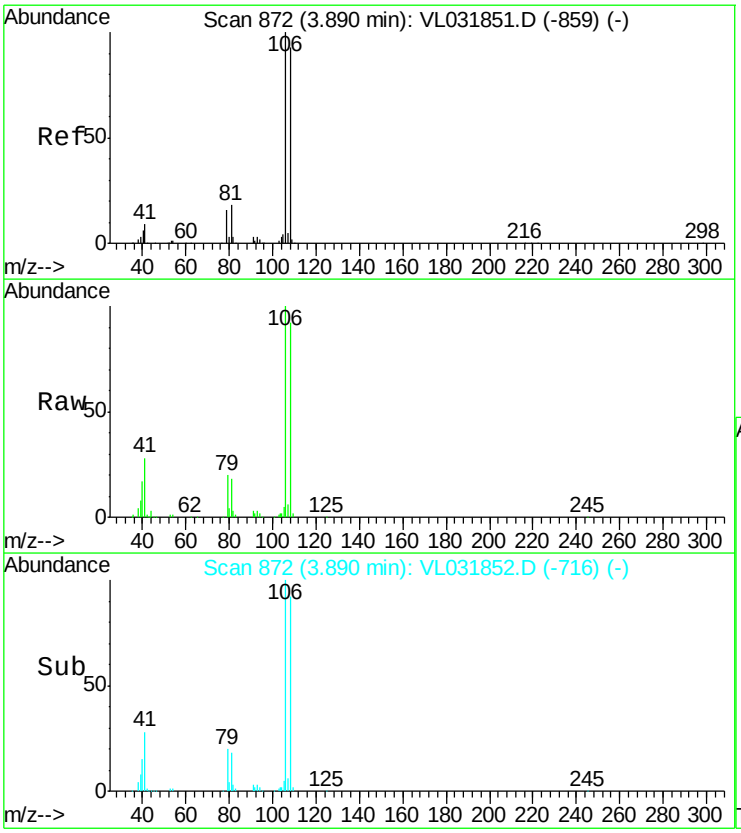
#13
Ethanol
Concen: 1.07 ppbv
RT: 3.76 min Scan# 830
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 22345

Ion	Ratio	Lower	Upper
45	100		
46	77.8	14.6	58.4#

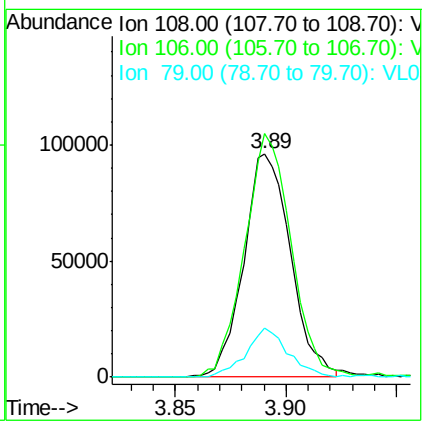


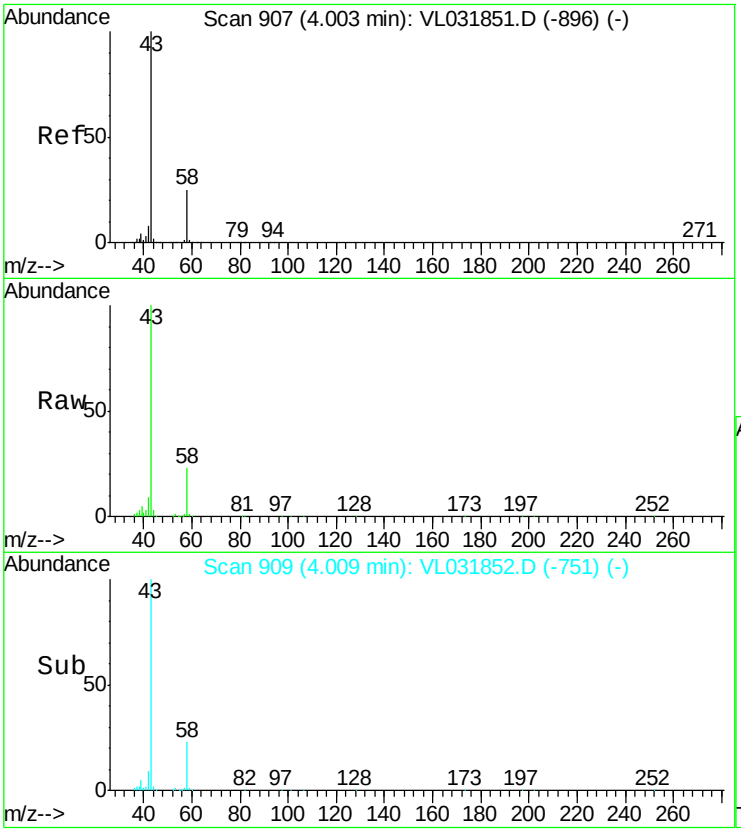


#14
Bromoethene
Concen: 2.17 ppbv
RT: 3.89 min Scan# 872
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:108 Resp: 141722

Ion	Ratio	Lower	Upper
108	100		
106	109.3	86.9	130.3
79	20.6	15.5	23.3



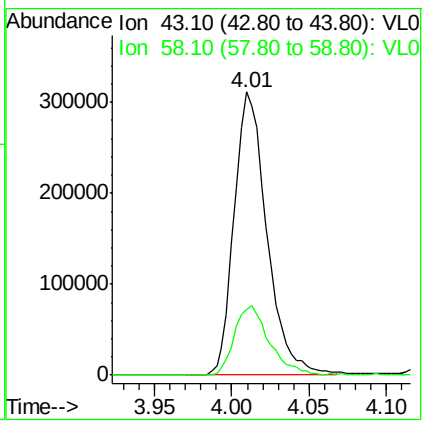


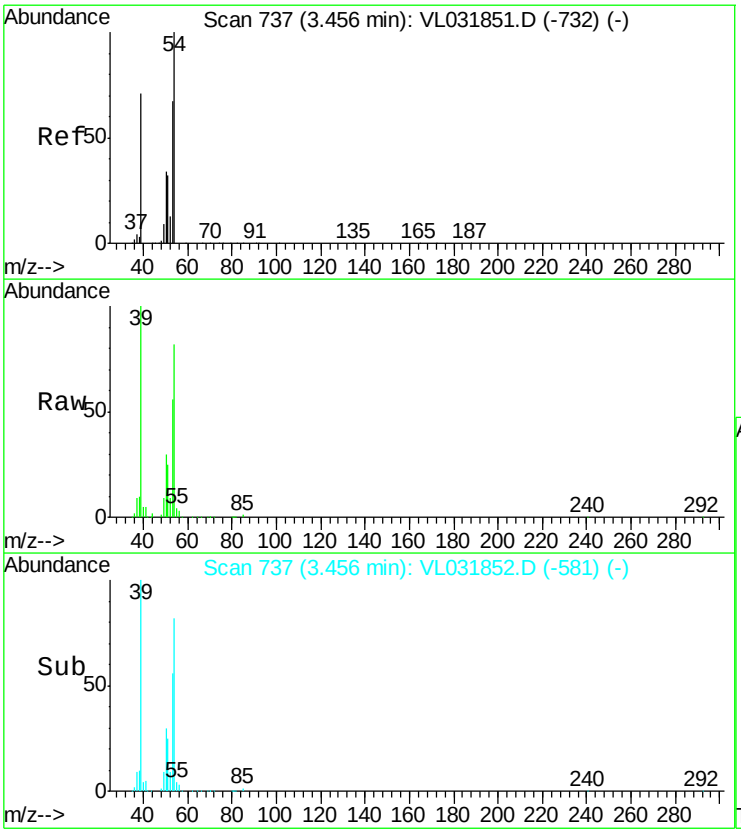
#15
Acetone
Concen: 2.10 ppbv
RT: 4.01 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 455382

Ion	Ratio	Lower	Upper
43	100		
58	26.6	20.7	31.1

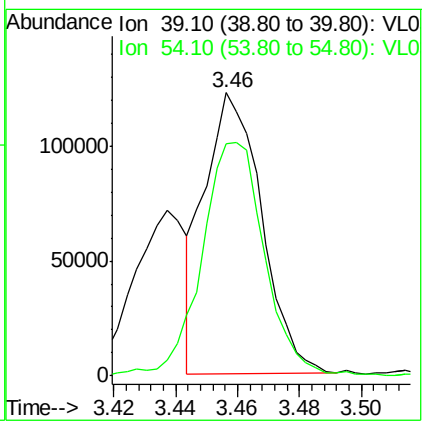


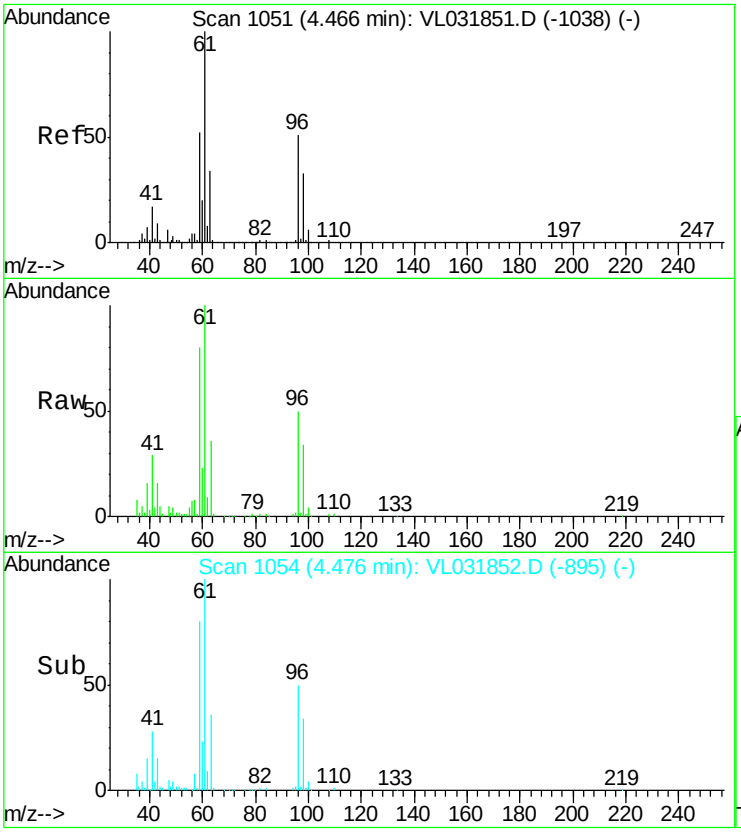


#16
1,3-Butadiene
Concen: 1.99 ppbv
RT: 3.46 min Scan# 737
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 39 Resp: 156463

Ion	Ratio	Lower	Upper
39	100		
54	92.7	67.5	101.3



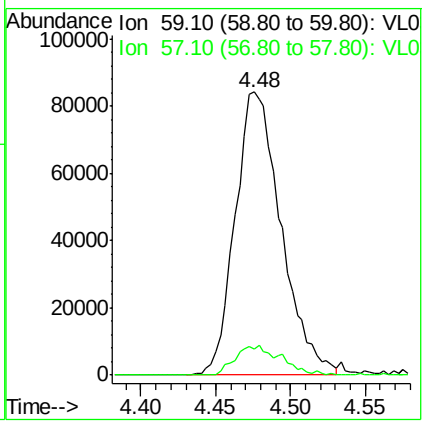


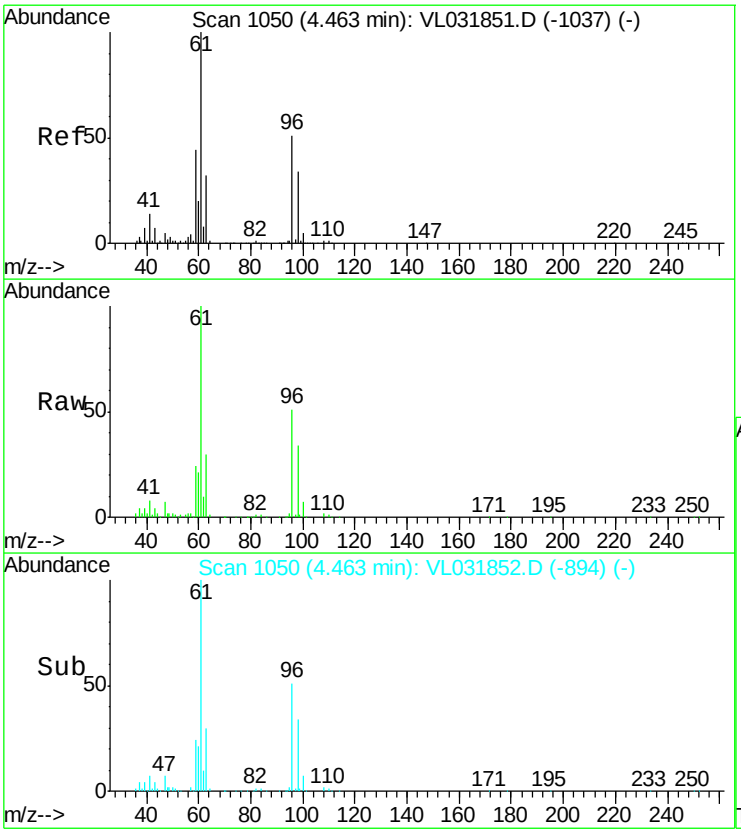
#17
tert-Butyl alcohol
Concen: 1.83 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 180251

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

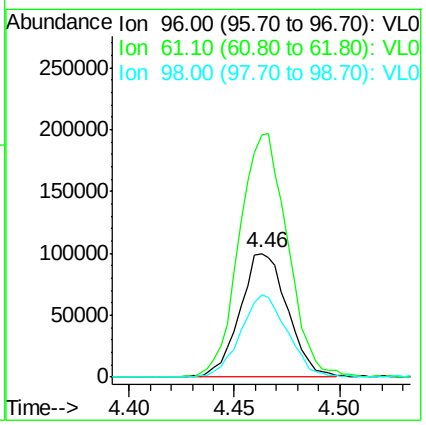


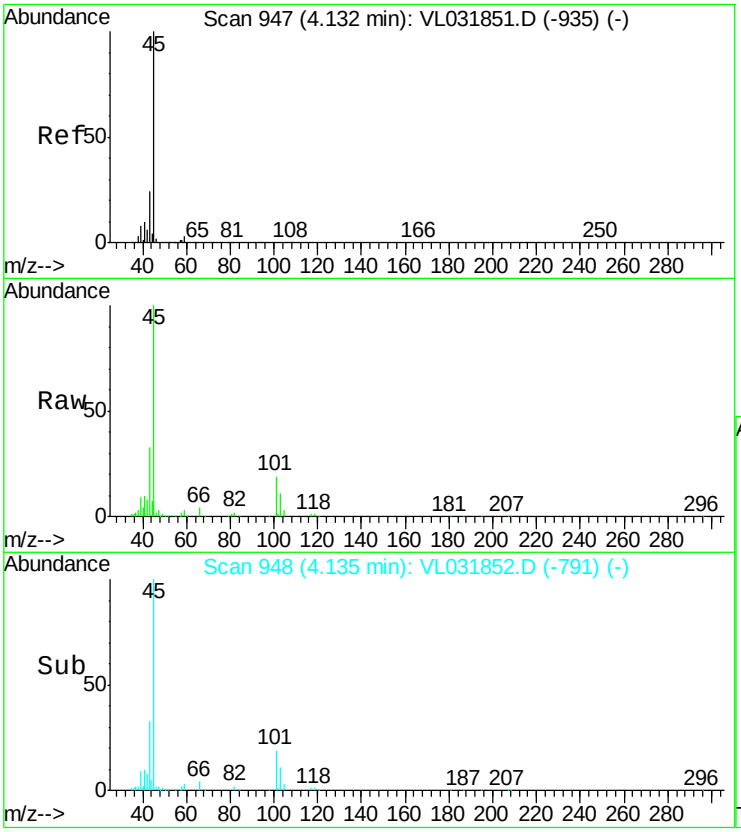


#18
1,1-Dichloroethene
Concen: 2.16 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 96 Resp: 156368

Ion	Ratio	Lower	Upper
96	100		
61	194.7	157.2	235.8
98	66.8	53.0	79.4



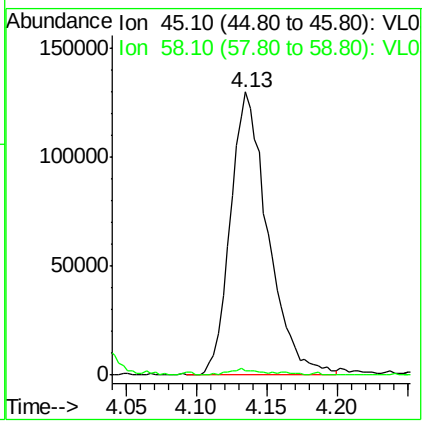


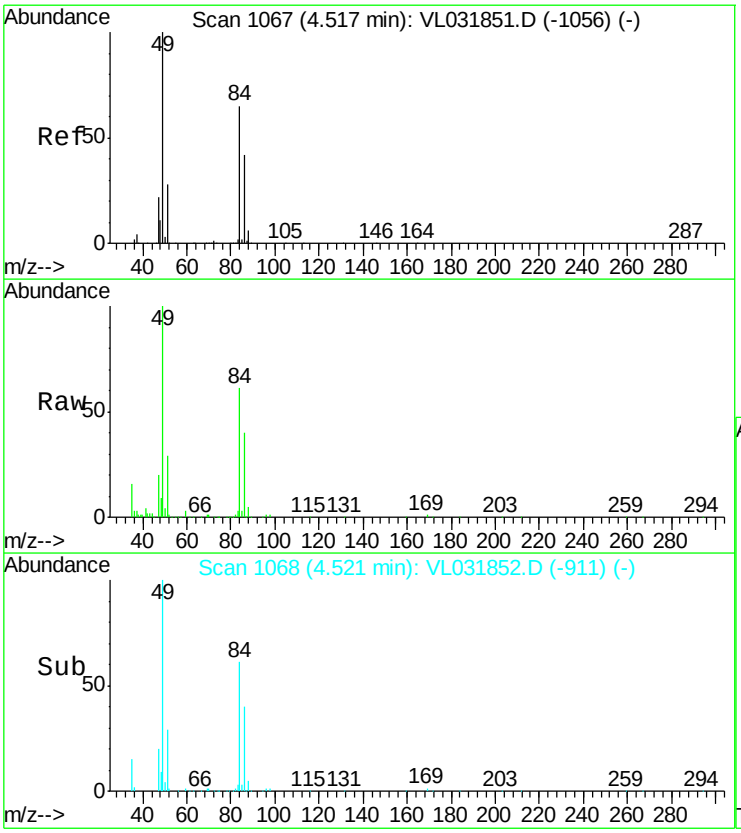
#19
Isopropyl Alcohol
Concen: 2.04 ppbv
RT: 4.13 min Scan# 948
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 241064

Ion	Ratio	Lower	Upper
45	100		
58	2.7	1.4	2.0#

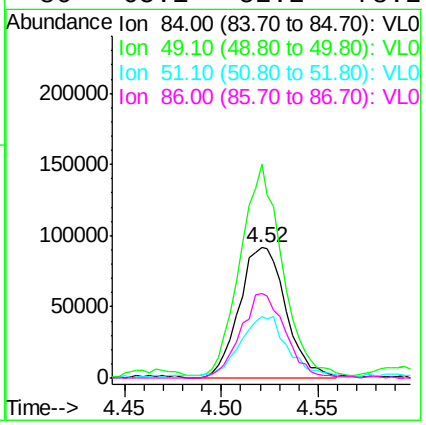


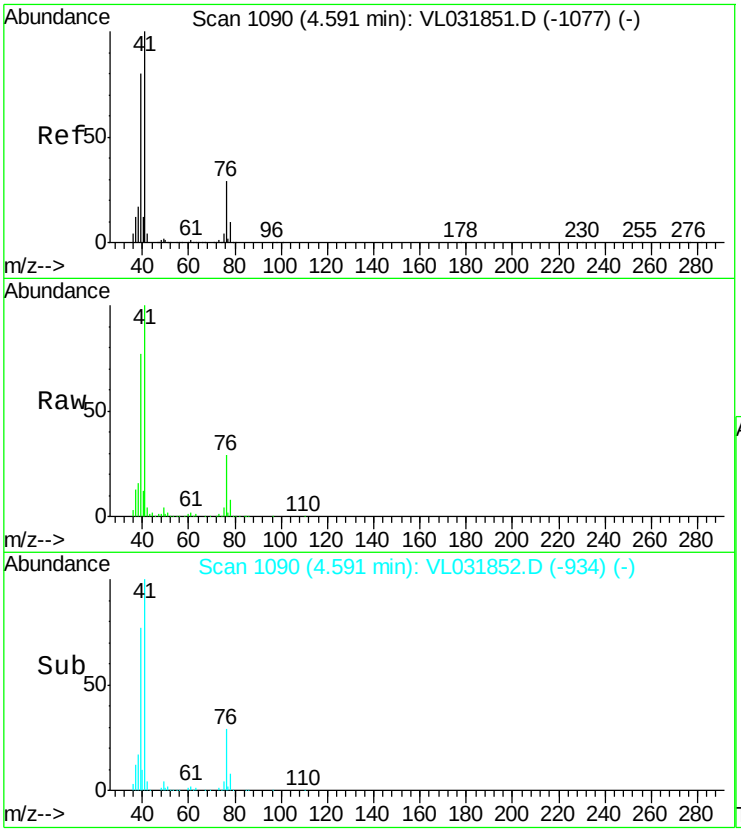


#20
Methylene Chloride
Concen: 2.12 ppbv
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 84 Resp: 153091

Ion	Ratio	Lower	Upper
84	100		
49	162.4	123.3	184.9
51	45.2	35.0	52.6
86	65.1	52.2	78.2



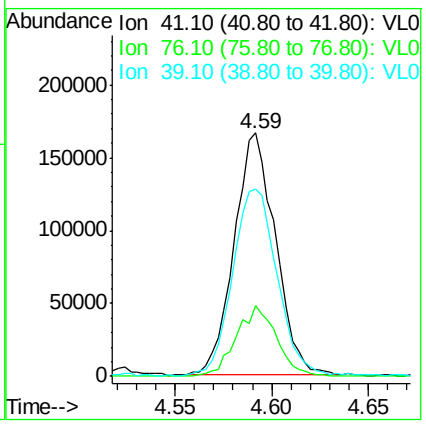


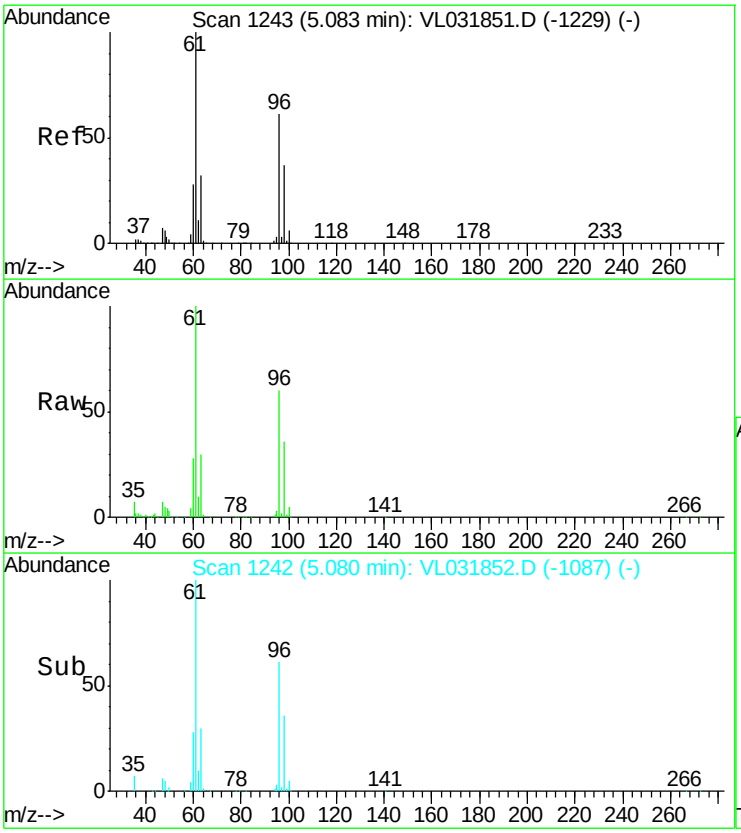
#21
Allyl Chloride
Concen: 2.13 ppbv
RT: 4.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 246795

Ion	Ratio	Lower	Upper
41	100		
76	28.8	23.4	35.0
39	84.9	65.4	98.2

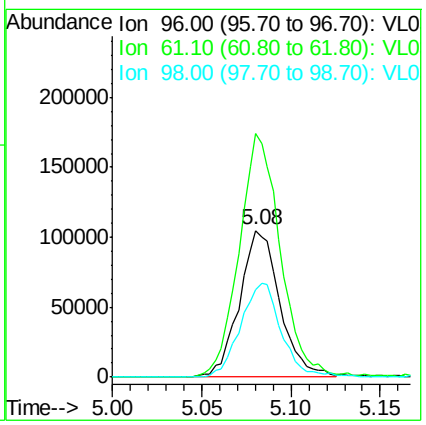


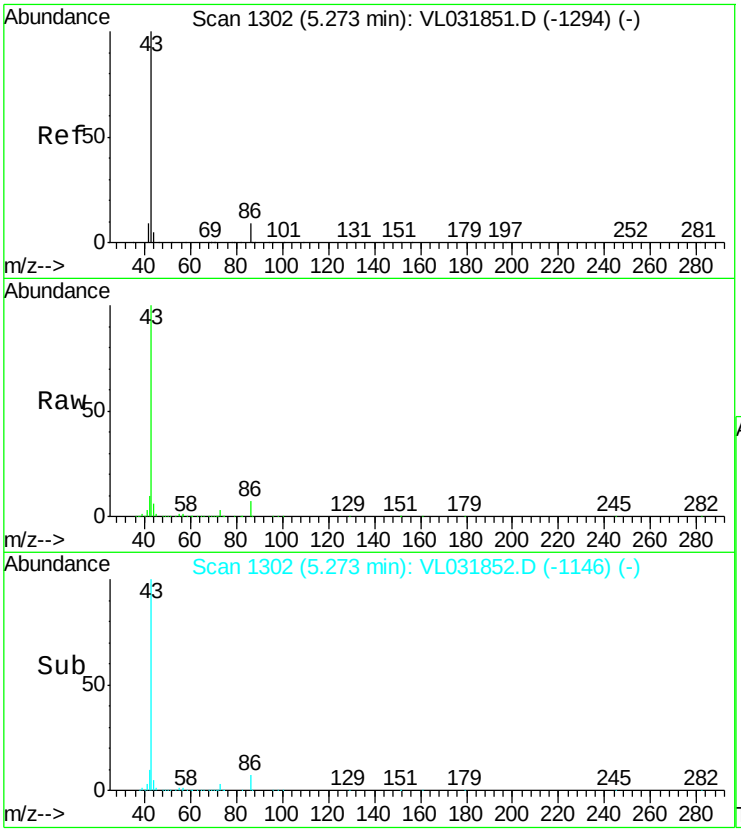


#22
trans-1,2-Dichloroethene
Concen: 2.14 ppbv
RT: 5.08 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 96 Resp: 165583

Ion	Ratio	Lower	Upper
96	100		
61	165.8	130.2	195.2
98	59.6	48.2	72.2



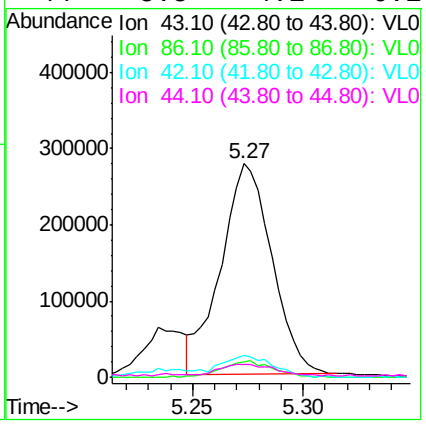


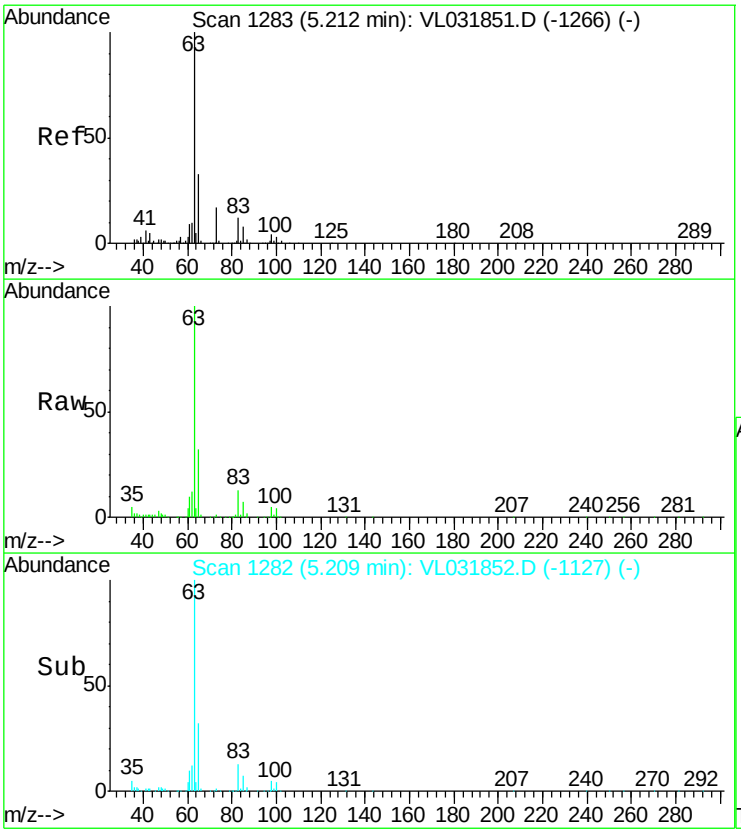
#23
Vinyl Acetate
Concen: 1.89 ppbv
RT: 5.27 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 446869

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.4	9.6
42	10.0	8.2	12.2
44	5.5	4.1	6.1

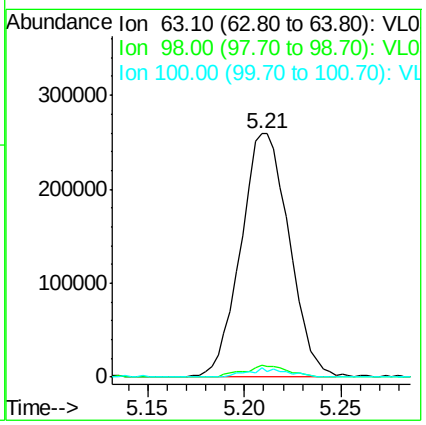


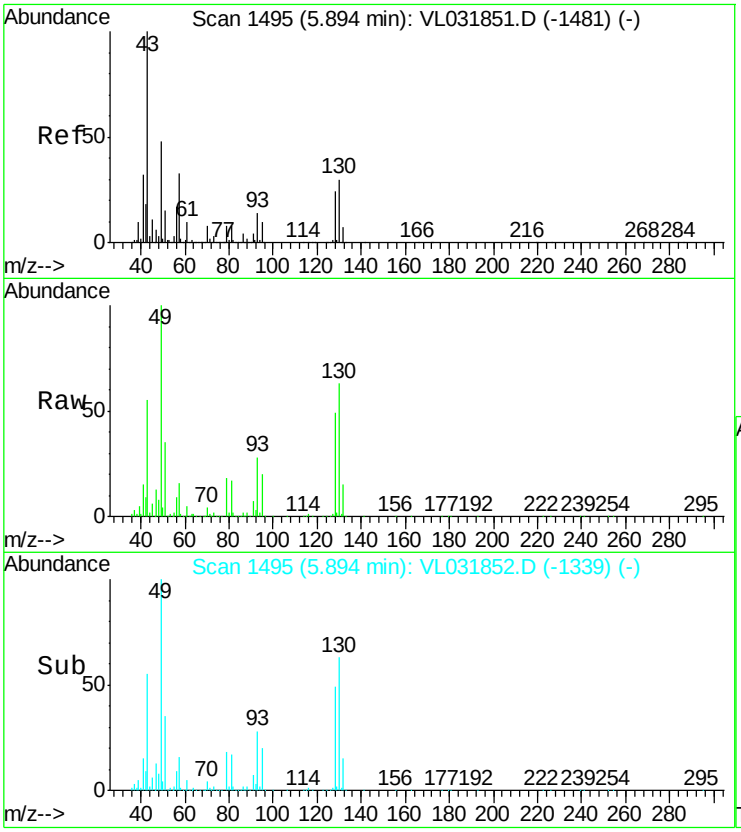


#24
1,1-Dichloroethane
Concen: 2.24 ppbv
RT: 5.21 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 63 Resp: 449029

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.2	6.6
100	4.0	1.7	5.0



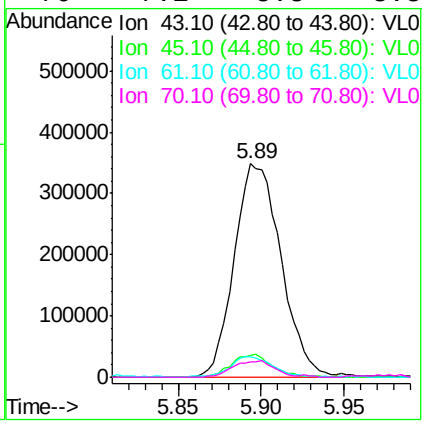


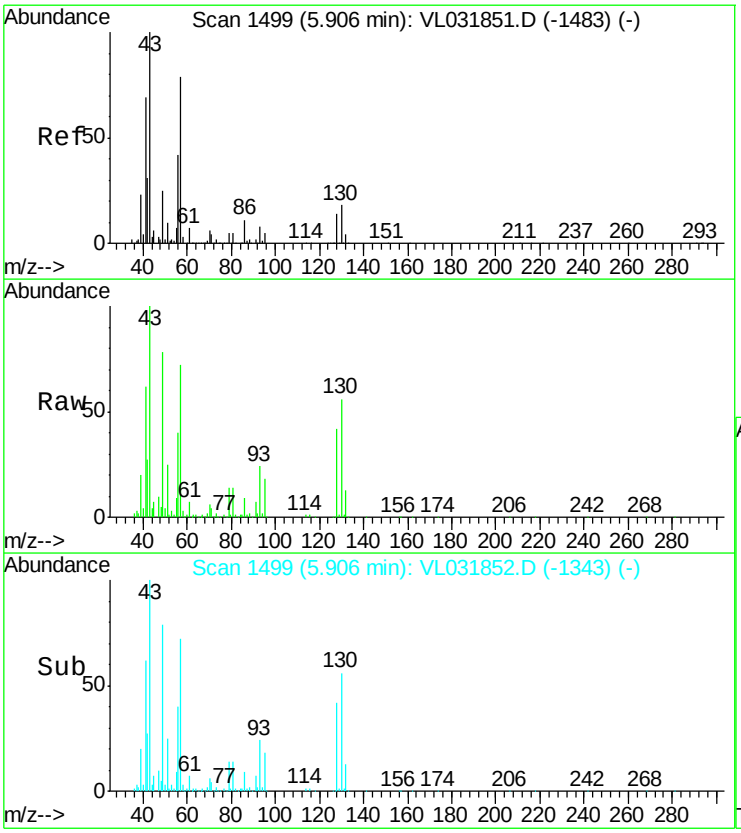
#25
Ethyl Acetate
Concen: 2.04 ppbv
RT: 5.89 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 681533

Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.8	11.8
61	9.2	7.5	11.3
70	7.1	5.8	8.8

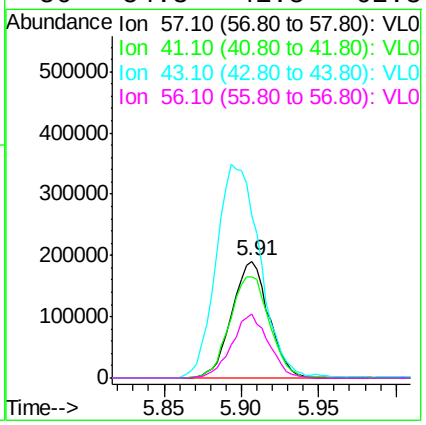


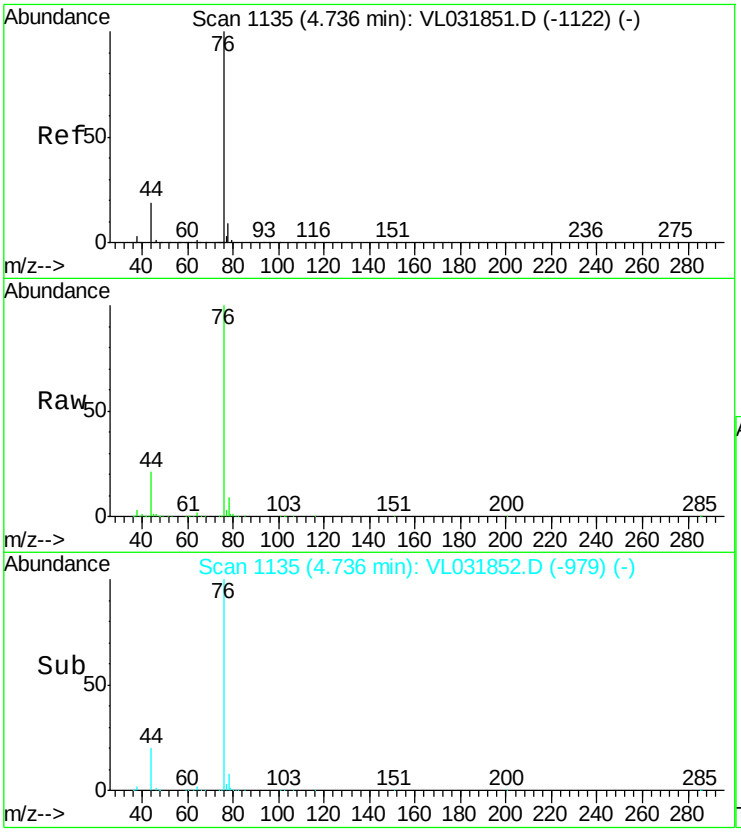


#26
Hexane
Concen: 2.05 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 57 Resp: 315857

Ion	Ratio	Lower	Upper
57	100		
41	94.3	71.7	107.5
43	217.9	172.0	258.0
56	54.3	41.5	62.3



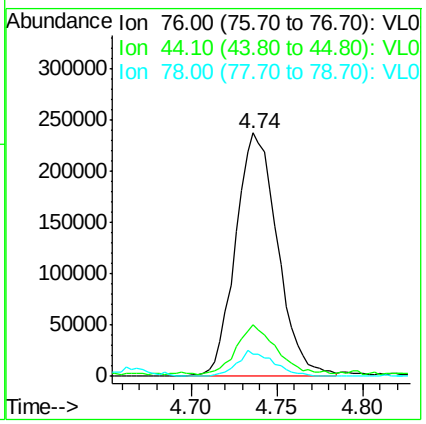


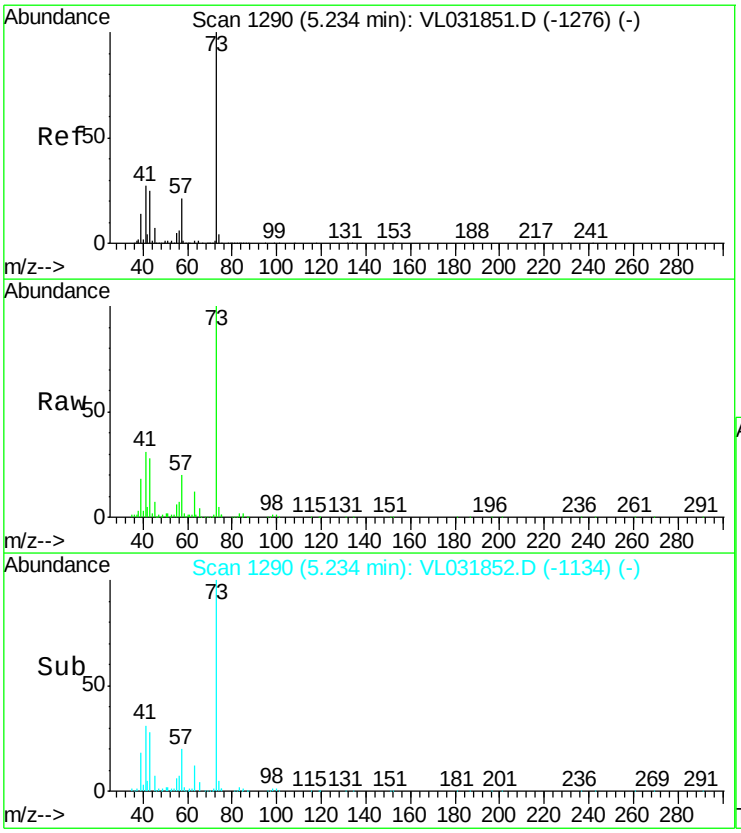
#27
Carbon Disulfide
Concen: 2.38 ppbv
RT: 4.74 min Scan# 1135
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 400401

Ion	Ratio	Lower	Upper
76	100		
44	19.3	14.8	22.2
78	9.4	7.4	11.2

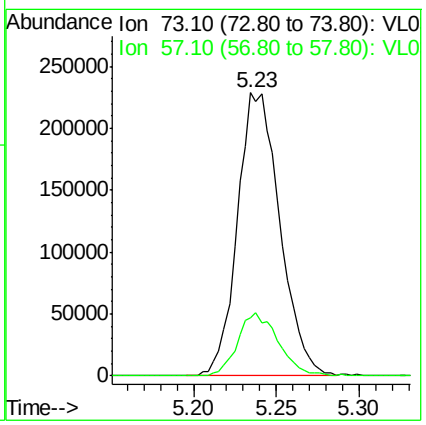


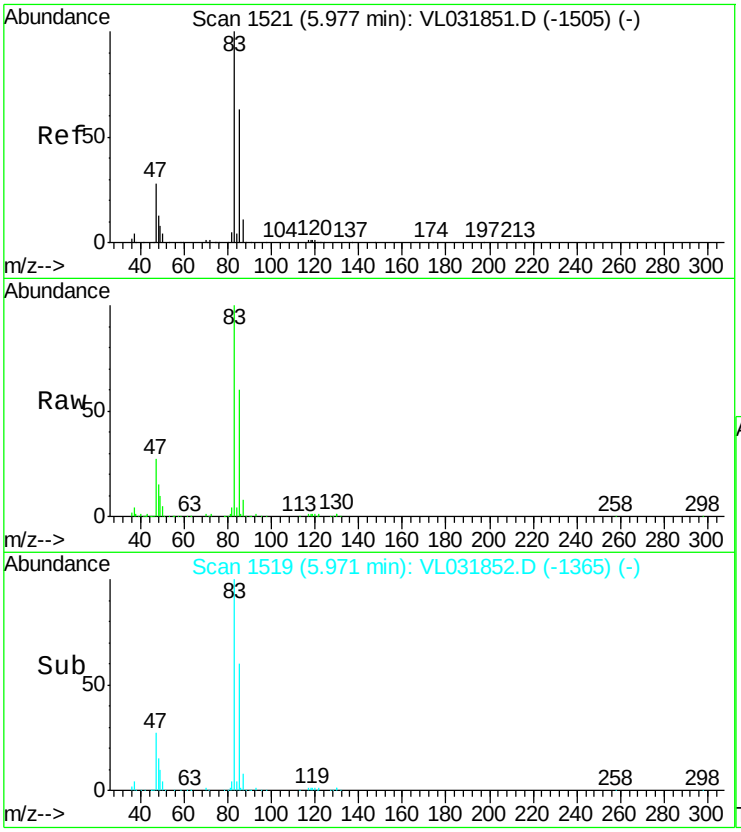


#28
Methyl tert-Butyl Ether
Concen: 1.95 ppbv
RT: 5.23 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 73 Resp: 406989

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.3	25.9



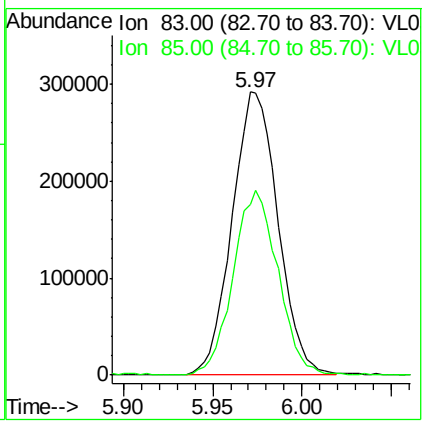


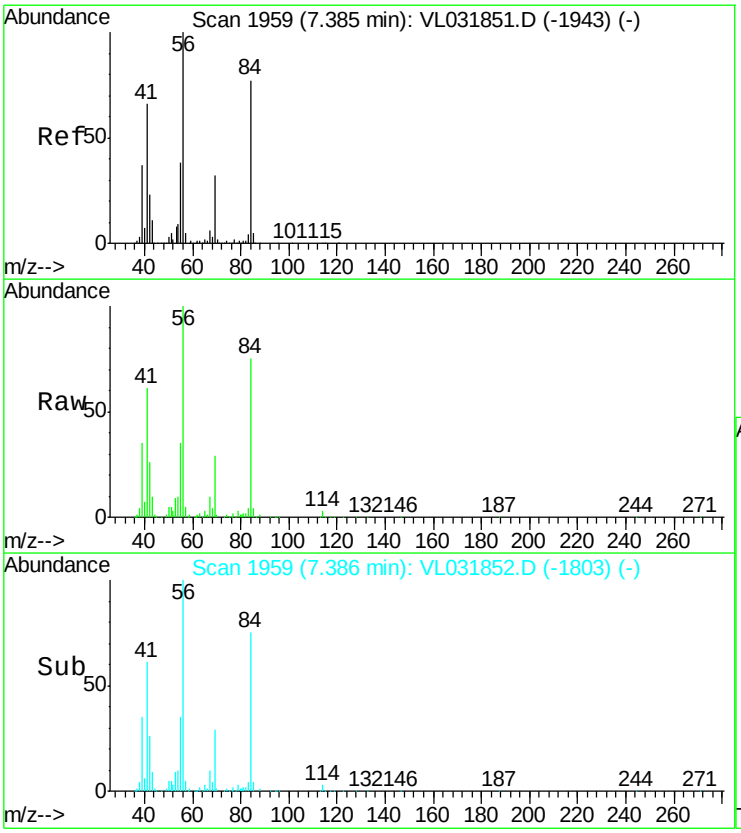
#29
Chloroform
Concen: 2.12 ppbv
RT: 5.97 min Scan# 1519
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 519359

Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.4	75.6

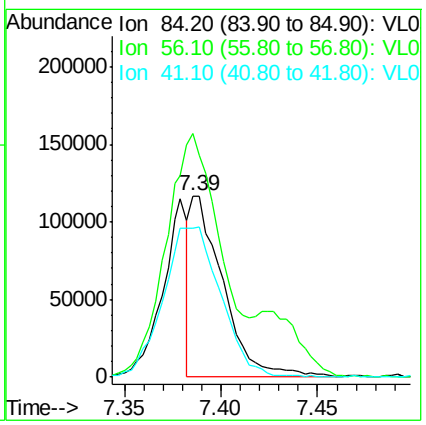


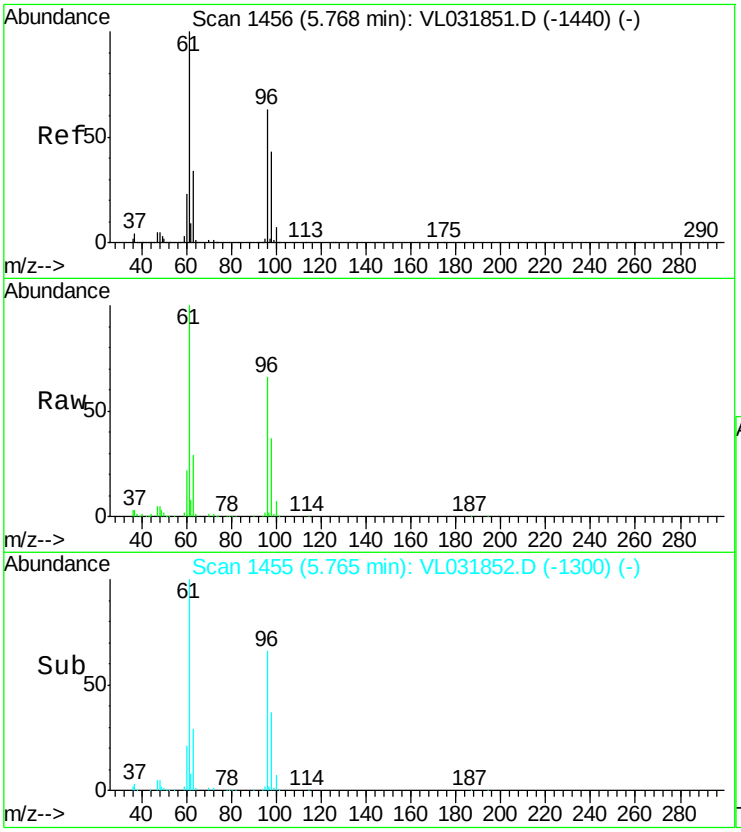


#30
Cyclohexane
Concen: 1.10 ppbv
RT: 7.39 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 84 Resp: 135675

Ion	Ratio	Lower	Upper
84	100		
56	276.7	108.6	162.8#
41	148.4	67.8	101.8#



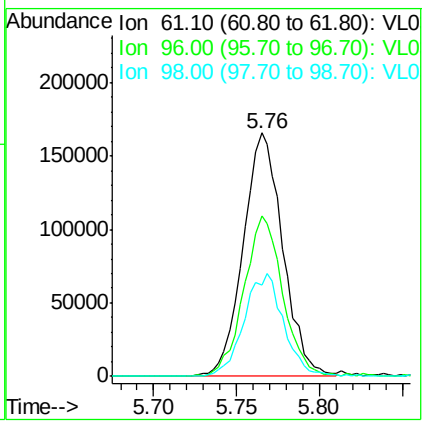


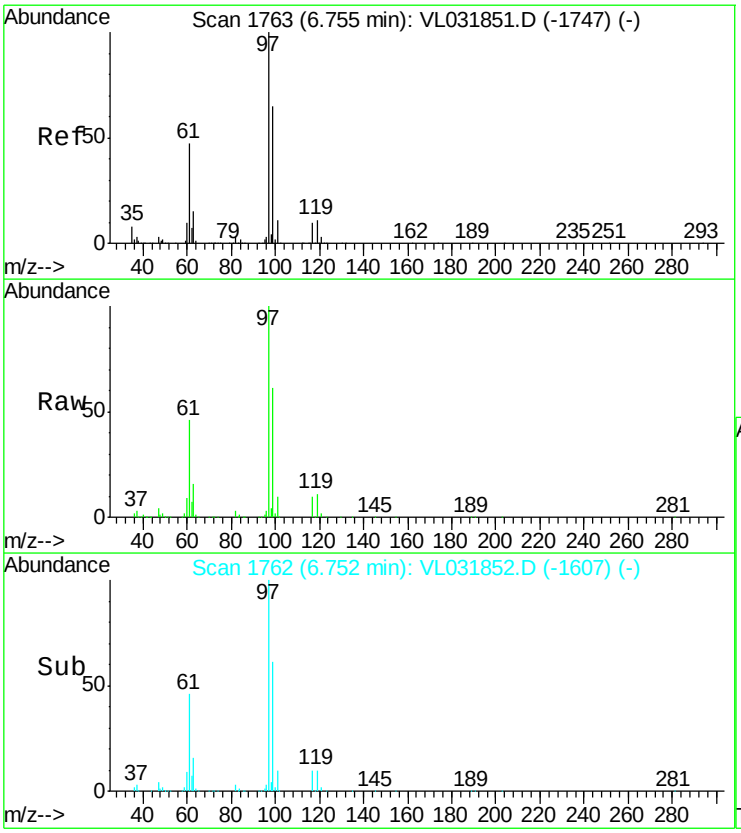
#31
cis-1,2-Dichloroethene
Concen: 1.93 ppbv
RT: 5.76 min Scan# 1455
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 275675

Ion	Ratio	Lower	Upper
61	100		
96	65.8	50.4	75.6
98	37.4	34.1	51.1

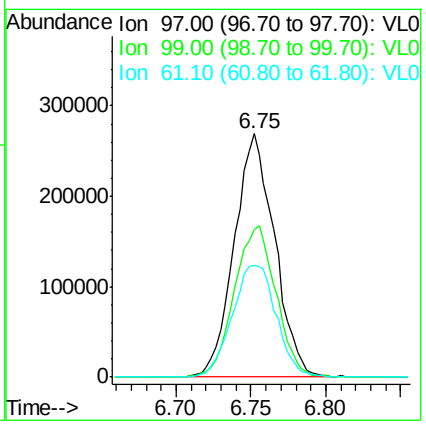


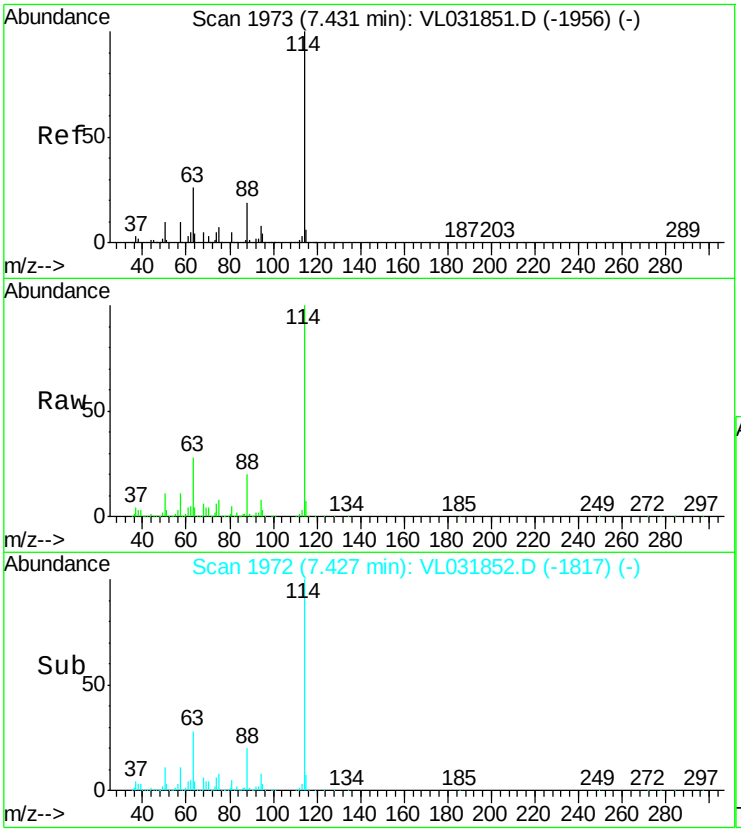


#32
1,1,1-Trichloroethane
Concen: 1.96 ppbv
RT: 6.75 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 97 Resp: 504331

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	50.3	39.0	58.4



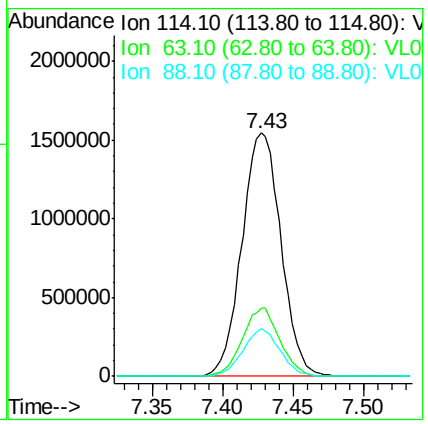


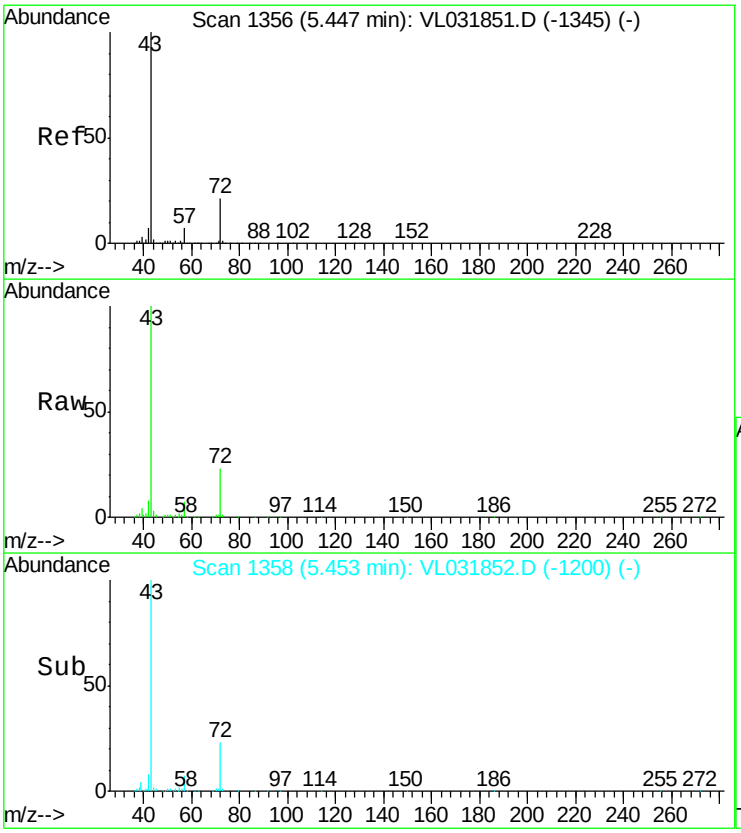
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2992757

Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.4	32.2
88	18.6	14.7	22.1

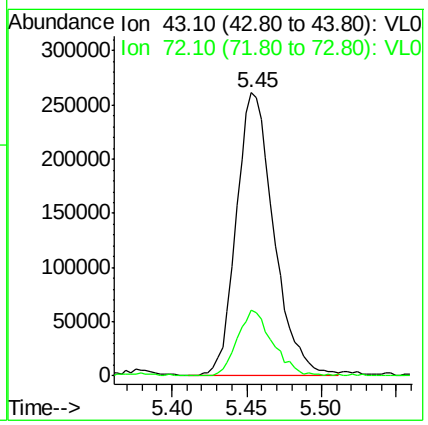


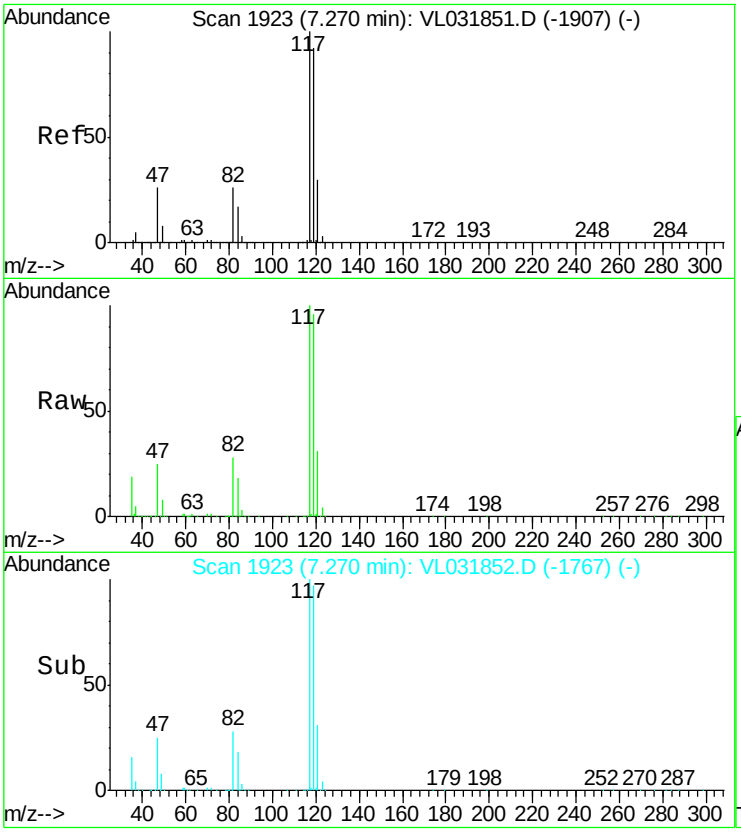


#34
2-Butanone
Concen: 2.21 ppbv
RT: 5.45 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 43 Resp: 454638

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.6	28.0



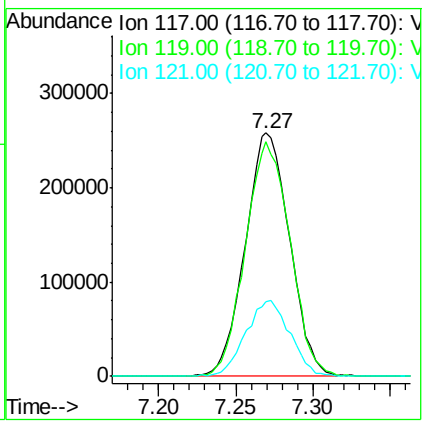


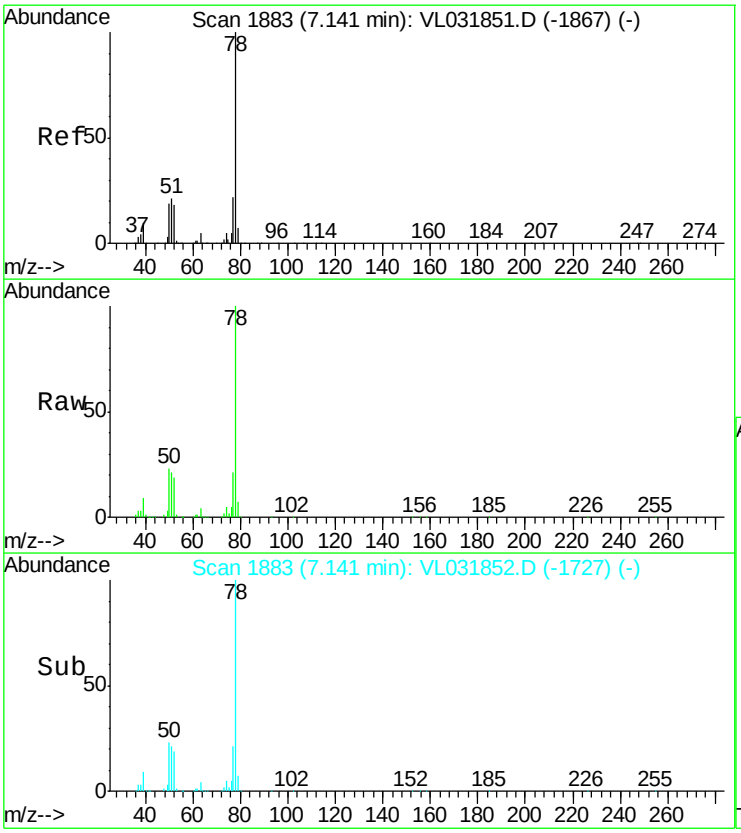
#35
Carbon Tetrachloride
Concen: 2.30 ppbv
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 516142

Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.4	110.0
121	30.8	24.2	36.4

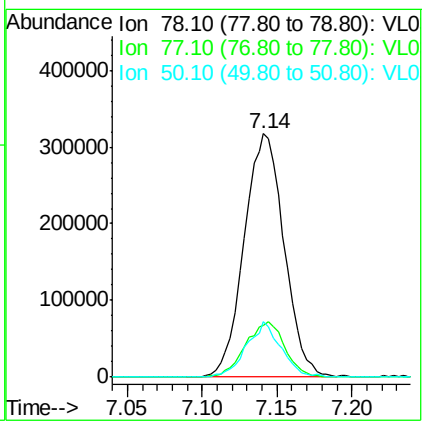


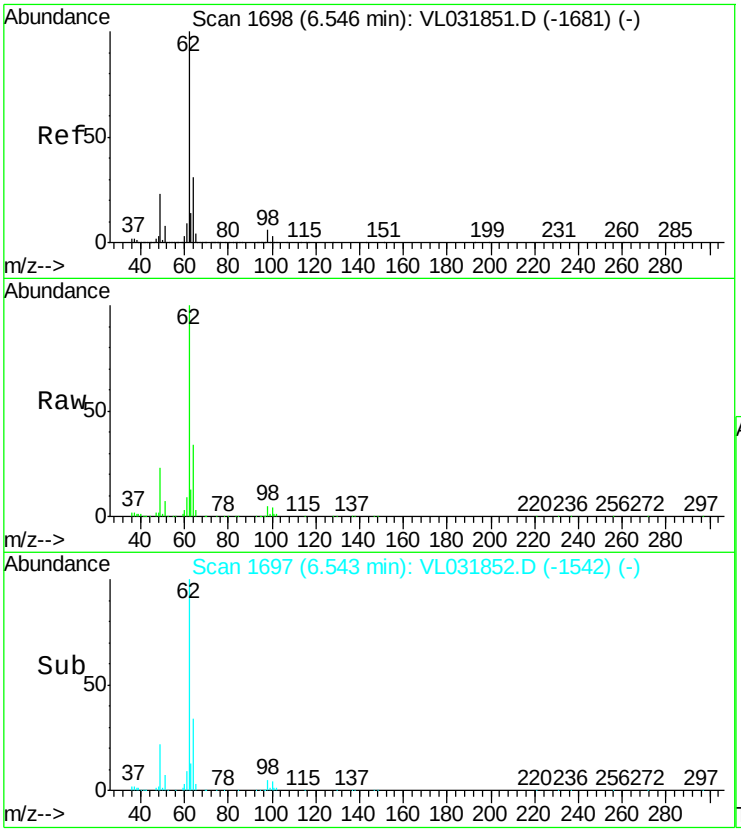


#36
Benzene
Concen: 2.09 ppbv
RT: 7.14 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 78 Resp: 588306

Ion	Ratio	Lower	Upper
78	100		
77	21.3	17.8	26.8
50	22.6	15.0	22.6#



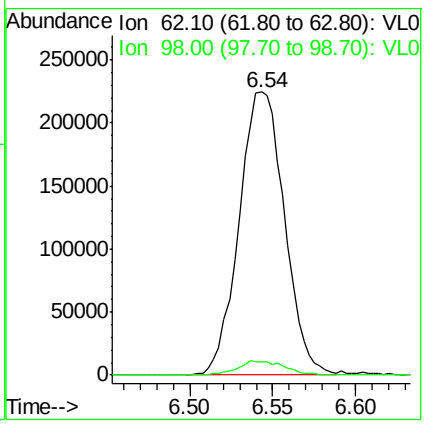


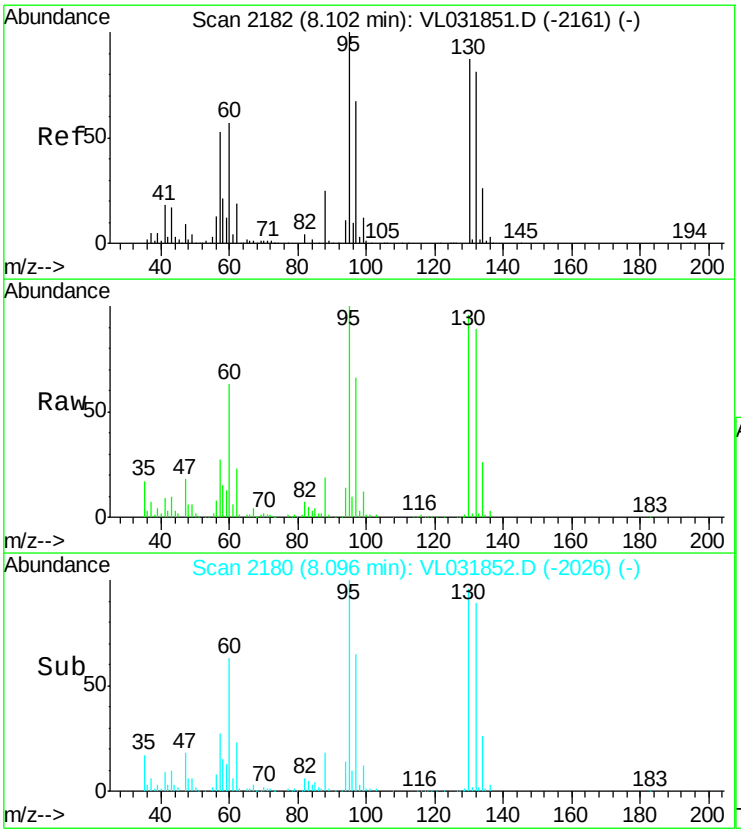
#37
1,2-Dichloroethane
Concen: 2.27 ppbv
RT: 6.54 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 427255

Ion	Ratio	Lower	Upper
62	100		
98	5.0	4.5	6.7

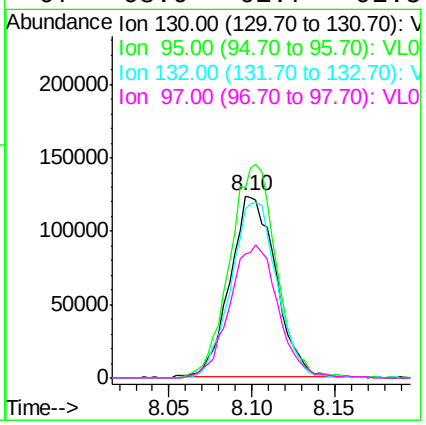


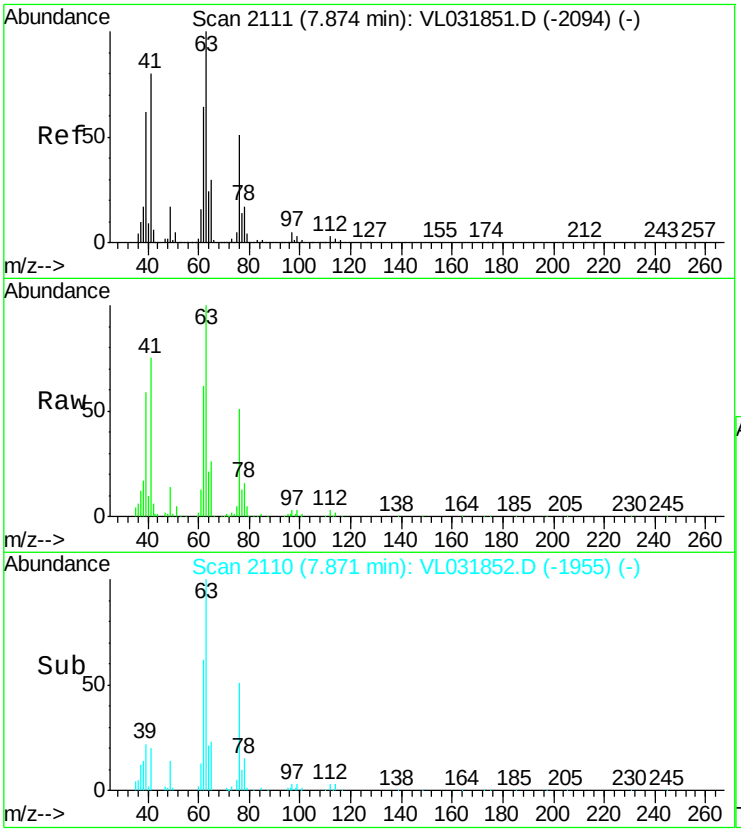


#38
Trichloroethene
Concen: 2.07 ppbv
RT: 8.10 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:130 Resp: 235627

Ion	Ratio	Lower	Upper
130	100		
95	103.1	92.1	138.1
132	92.3	74.8	112.2
97	68.0	61.7	92.5



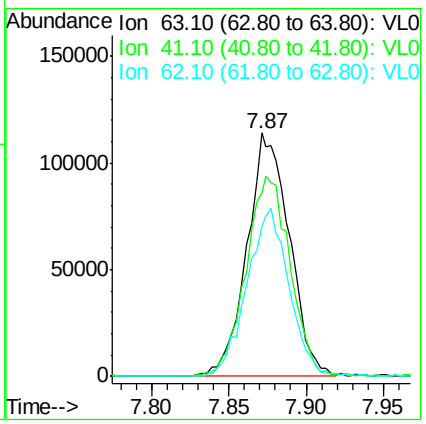


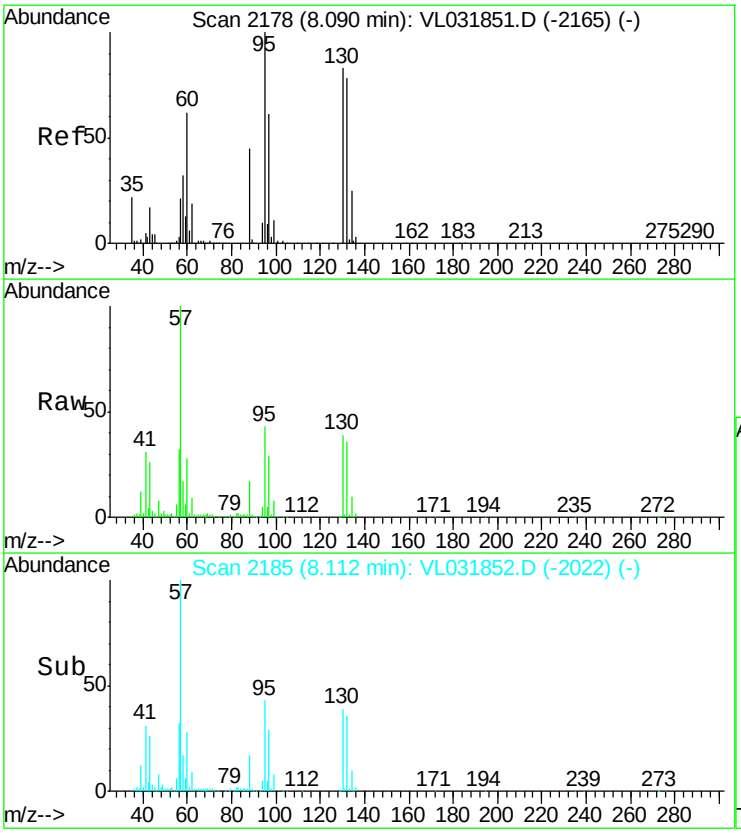
#39
1,2-Dichloropropane
Concen: 2.13 ppbv
RT: 7.87 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 217334

Ion	Ratio	Lower	Upper
63	100		
41	75.4	64.1	96.1
62	61.6	51.5	77.3

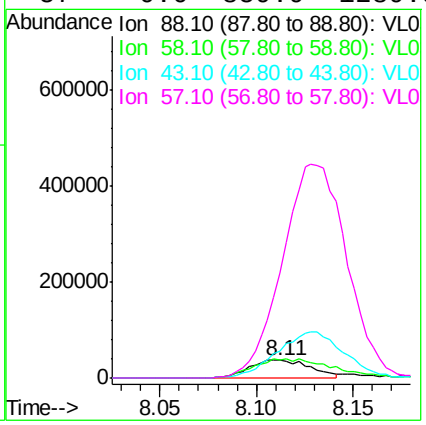


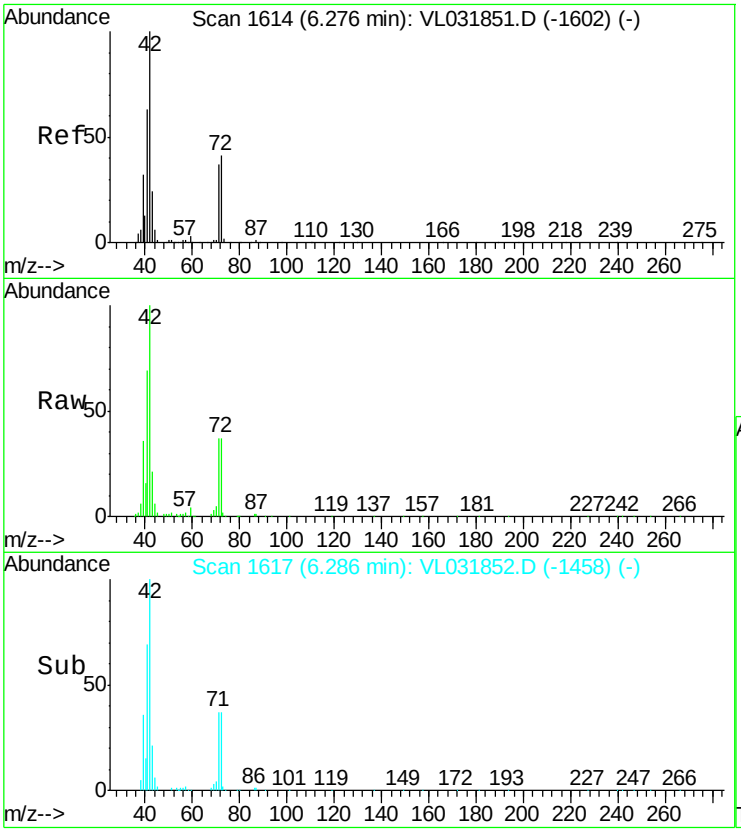


#40
1,4-Dioxane
Concen: 1.99 ppbv
RT: 8.11 min Scan# 2185
Delta R.T. 0.02 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 88 Resp: 81281

Ion	Ratio	Lower	Upper
88	100		
58	143.5	99.3	148.9
43	0.0	197.3	295.9#
57	0.0	859.9	1289.9#



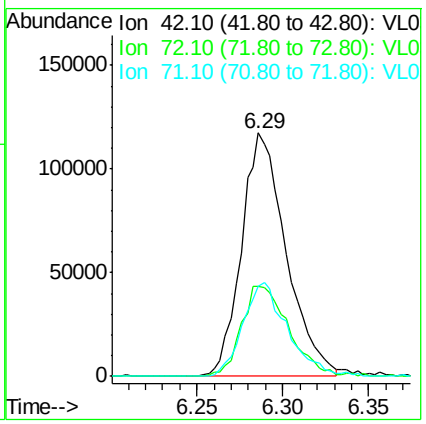


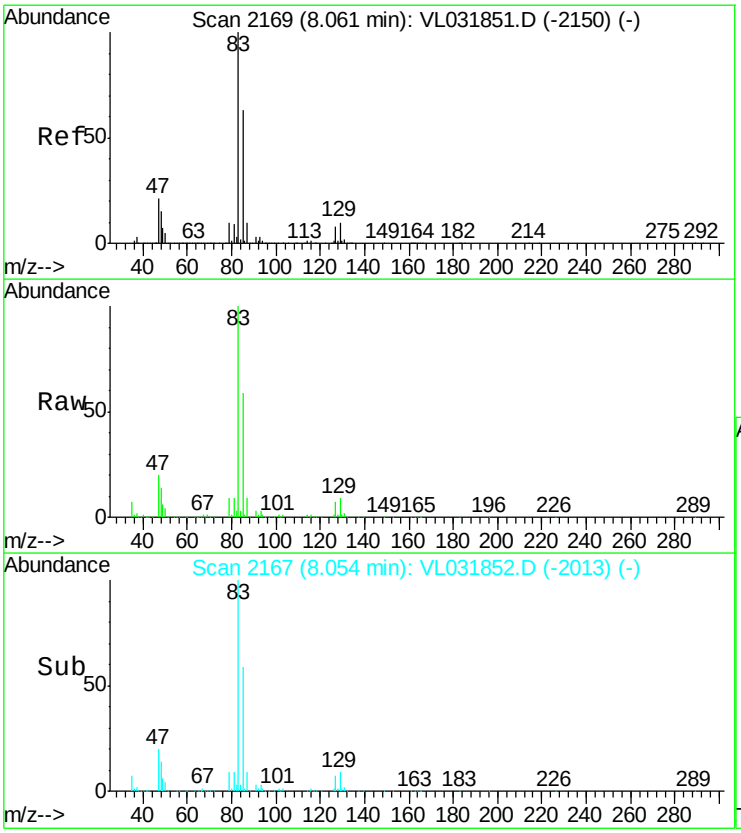
#41
Tetrahydrofuran
Concen: 2.05 ppbv
RT: 6.29 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 211666

Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.5	48.7
71	39.1	31.3	46.9

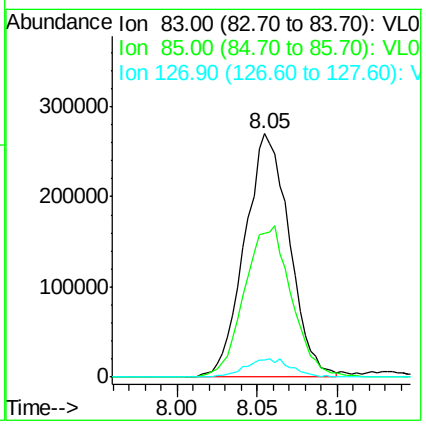


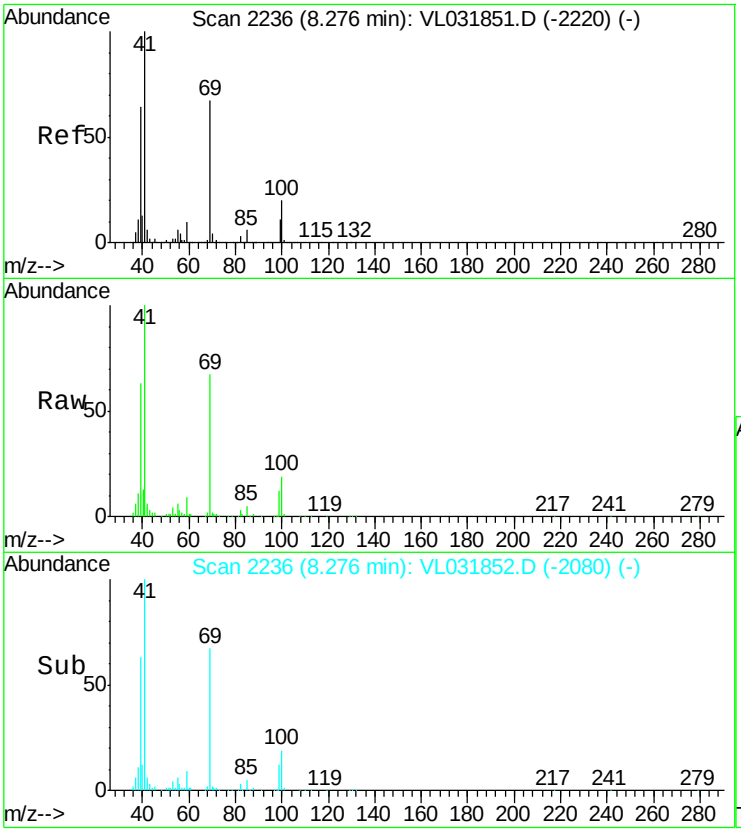


#42
Bromodichloromethane
Concen: 2.33 ppbv
RT: 8.05 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 83 Resp: 519581

Ion	Ratio	Lower	Upper
83	100		
85	59.2	50.3	75.5
127	6.8	6.1	9.1



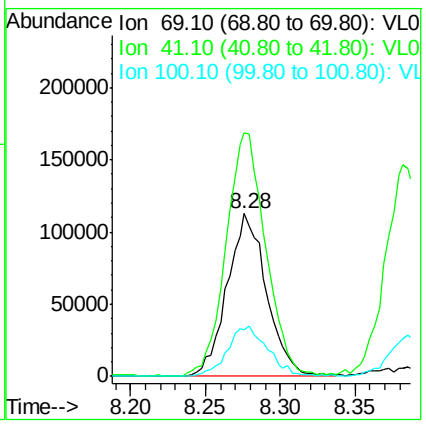


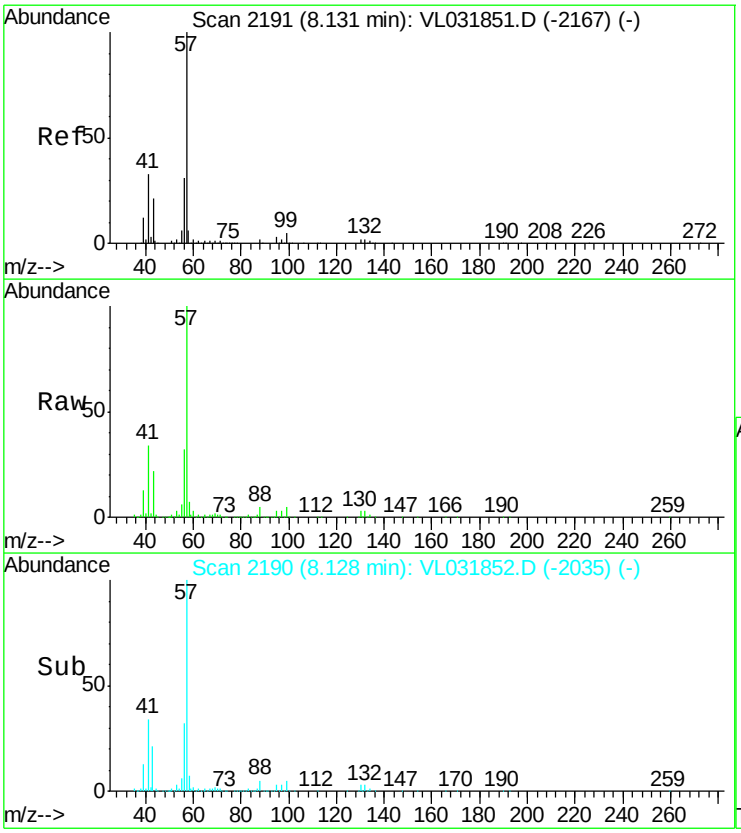
#43
Methyl Methacrylate
Concen: 2.08 ppbv
RT: 8.28 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 206748

Ion	Ratio	Lower	Upper
69	100		
41	150.3	119.8	179.8
100	31.2	24.9	37.3

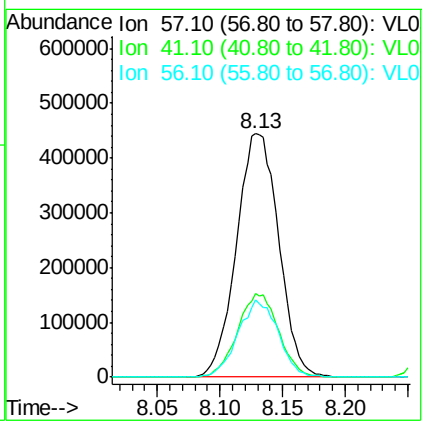


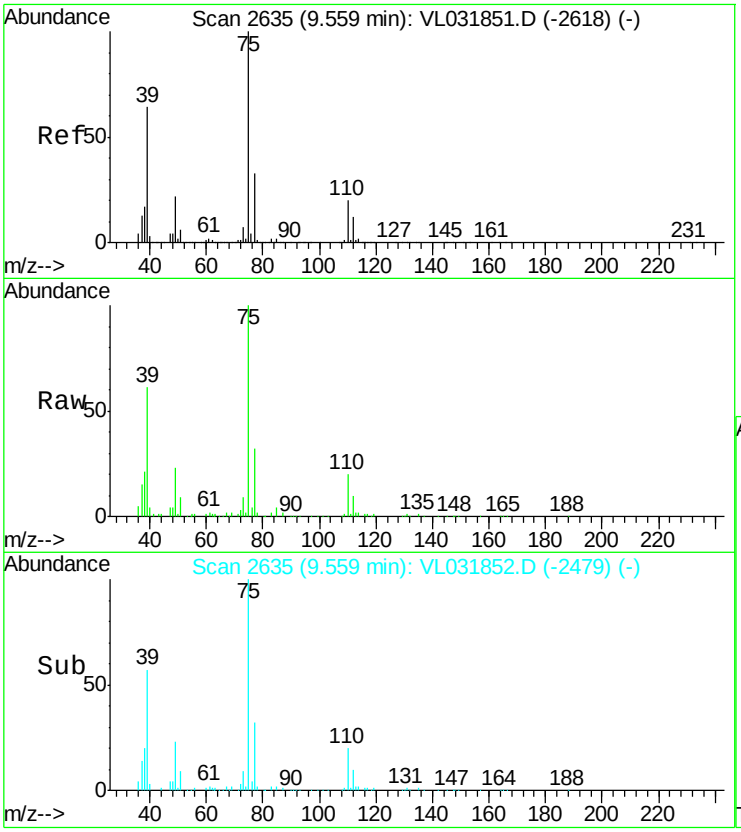


#44
2,2,4-Trimethylpentane
Concen: 2.26 ppbv
RT: 8.13 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 57 Resp: 1036823

Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.5	39.7
56	30.4	24.2	36.4



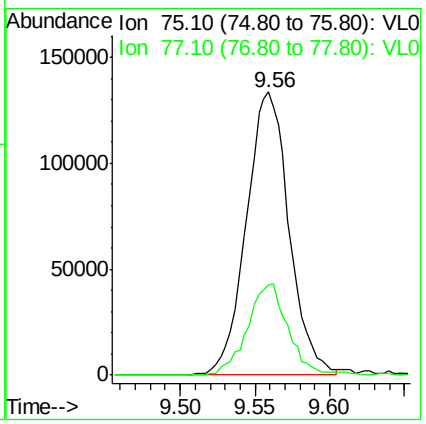


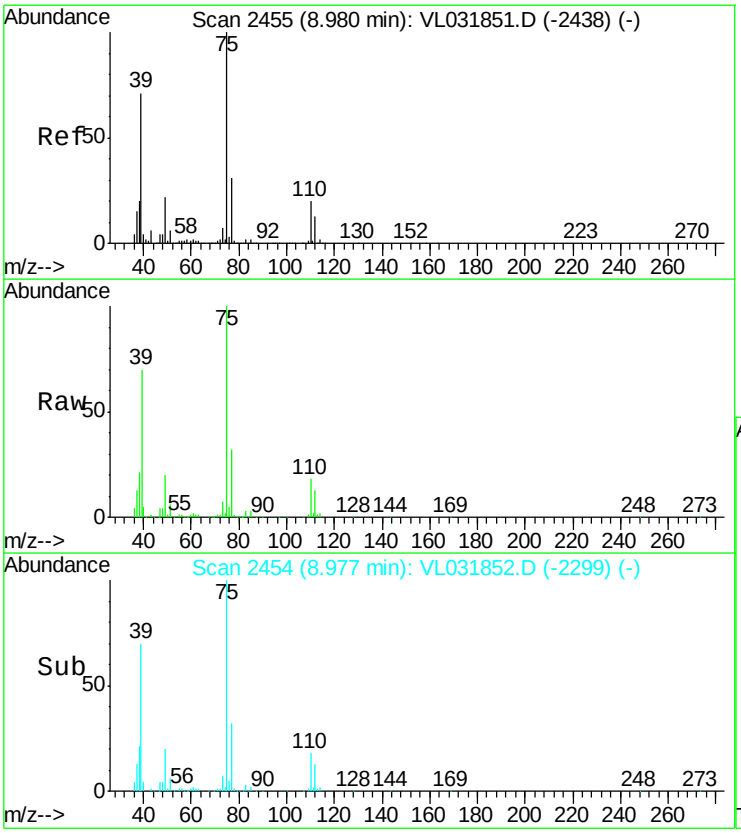
#45
t-1,3-Dichloropropene
Concen: 1.97 ppbv
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 265338

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.4

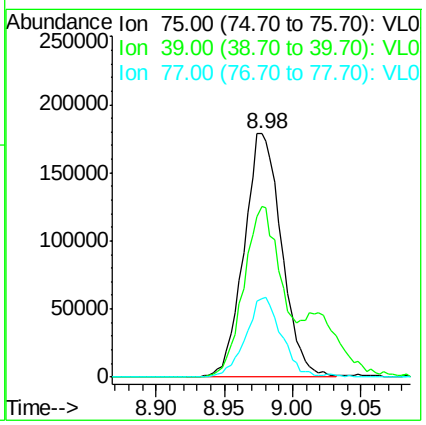


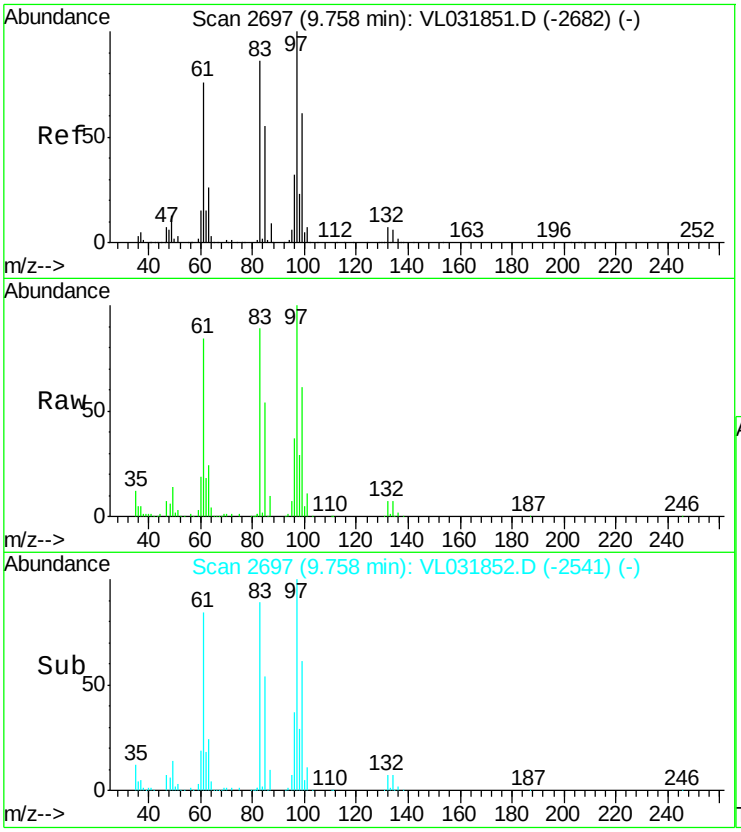


#46
cis-1,3-Dichloropropene
Concen: 2.03 ppbv
RT: 8.98 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 75 Resp: 342294

Ion	Ratio	Lower	Upper
75	100		
39	70.0	56.9	85.3
77	32.5	25.1	37.7



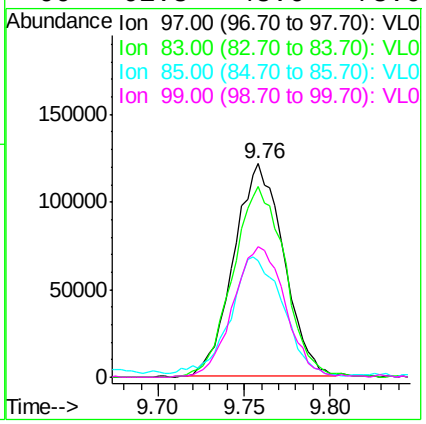


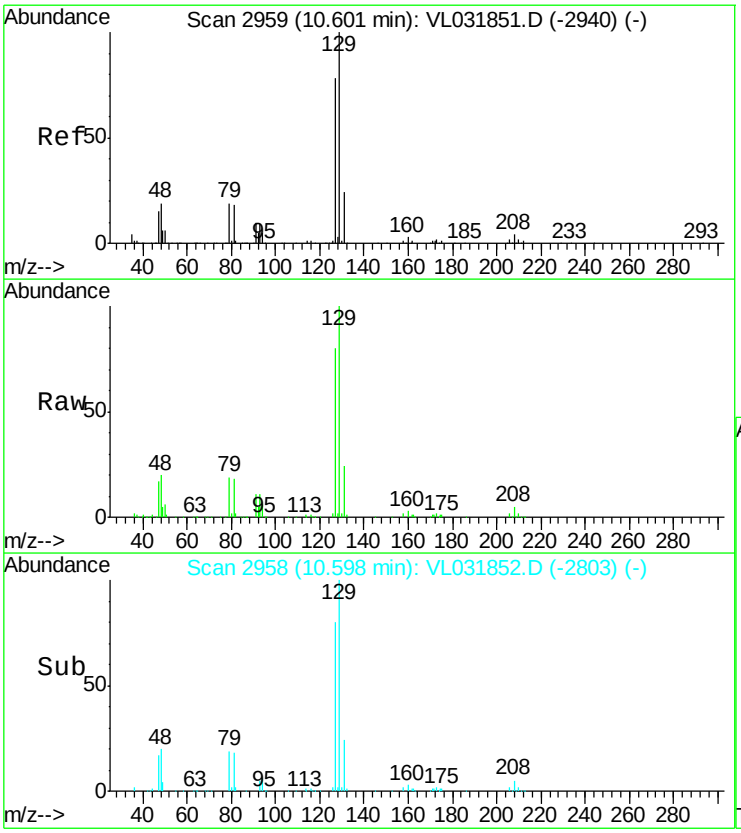
#47
1,1,2-Trichloroethane
Concen: 2.09 ppbv
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 242971

Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.4	102.6
85	53.9	44.5	66.7
99	61.8	48.6	73.0

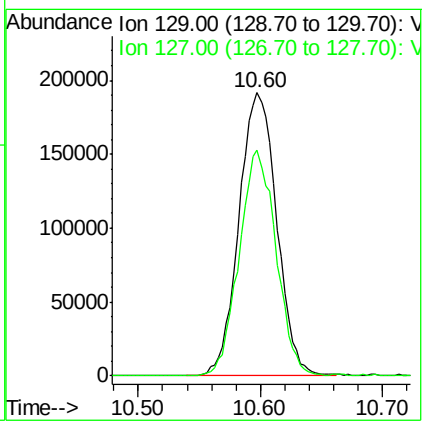


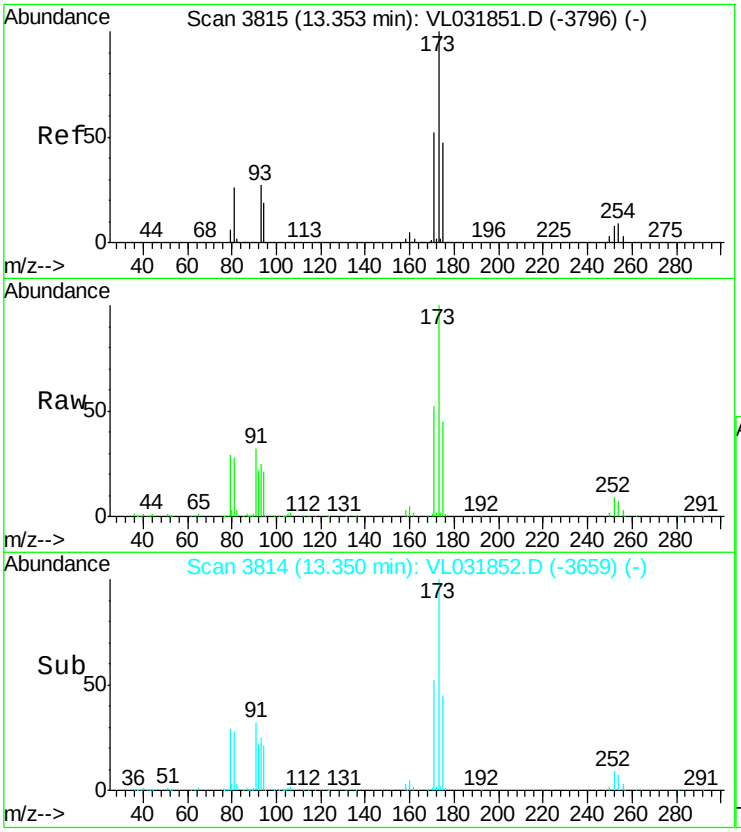


#48
Dibromochloromethane
Concen: 2.26 ppbv
RT: 10.60 min Scan# 2958
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:129 Resp: 408736

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2



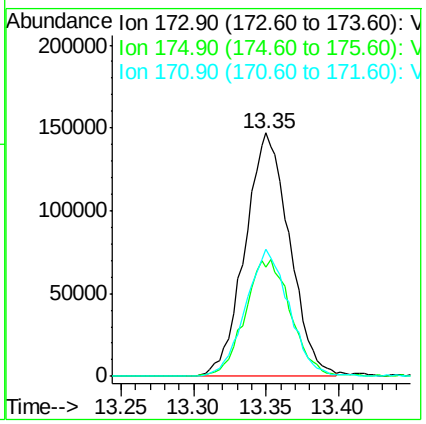


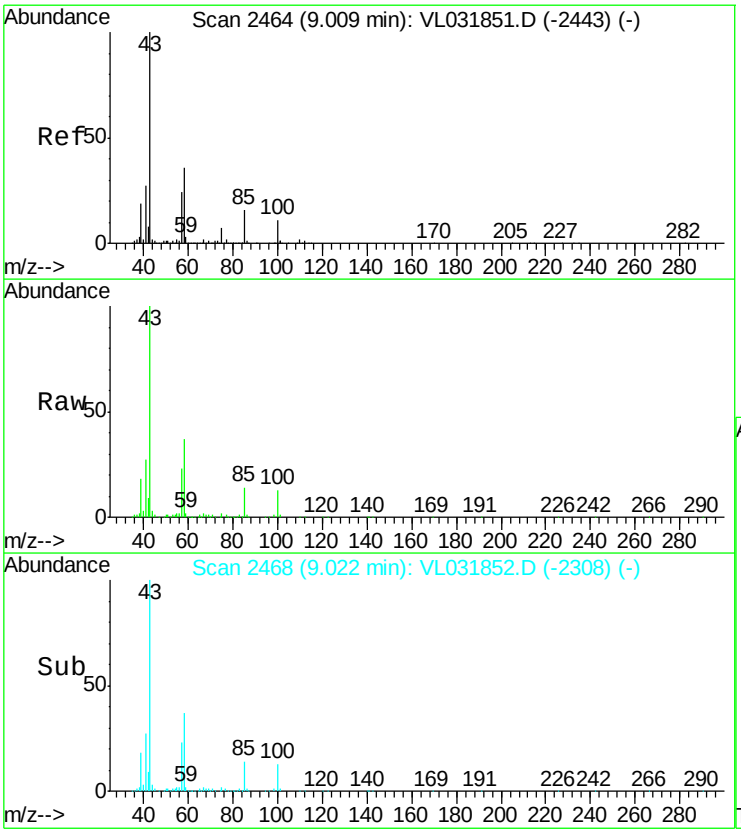
#49
Bromoform
Concen: 2.36 ppbv
RT: 13.35 min Scan# 3814
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 313430

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.4	59.0
171	51.4	42.2	63.2

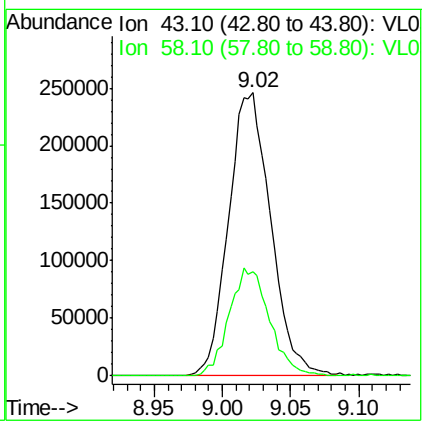


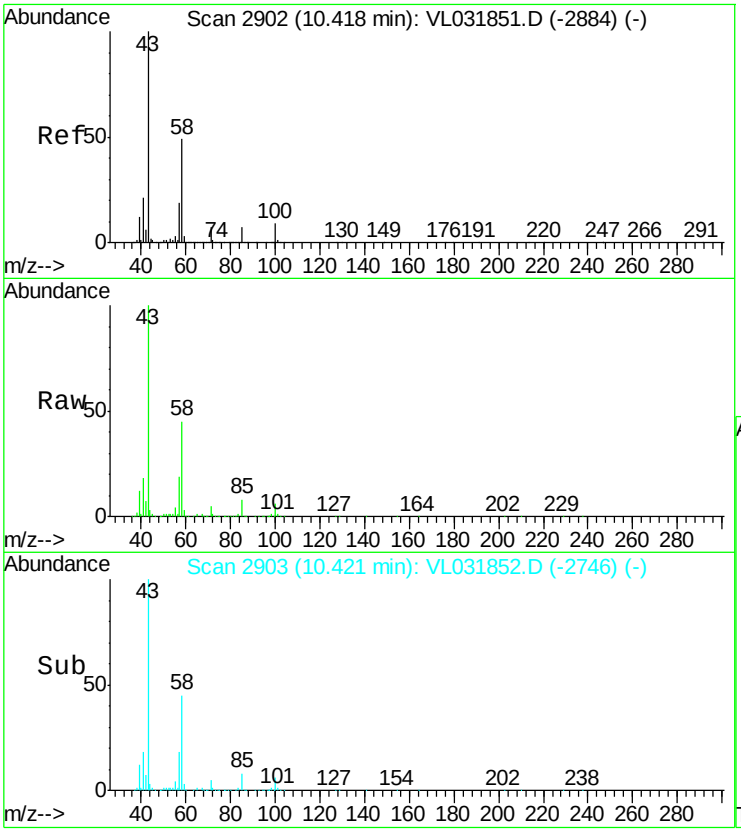


#50
4-Methyl-2-Pentanone
Concen: 2.22 ppbv
RT: 9.02 min Scan# 2468
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 43 Resp: 527459

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.1	43.7



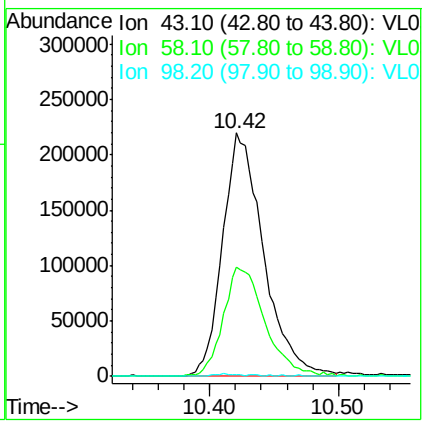


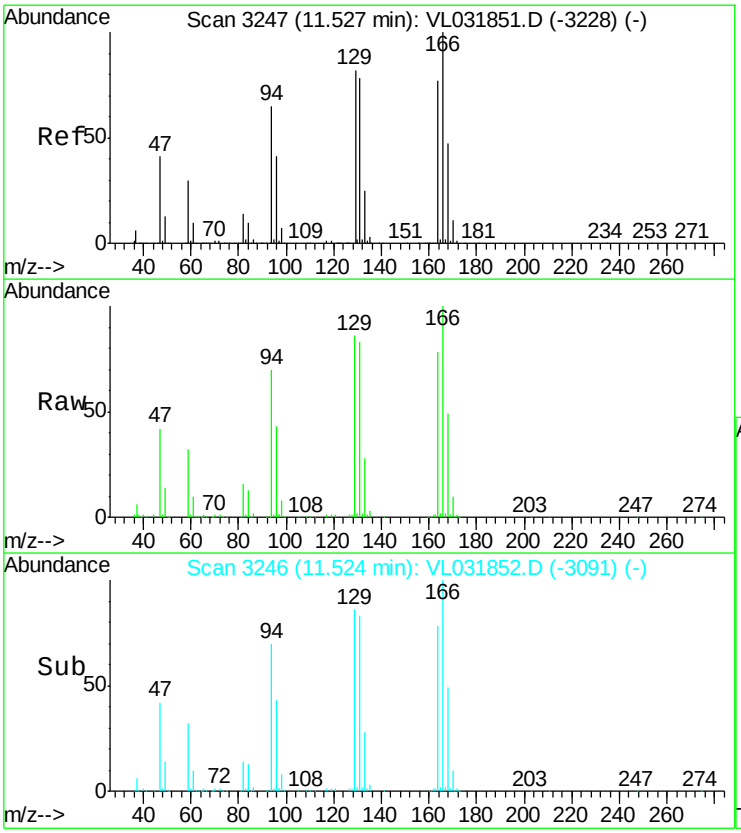
#51
2-Hexanone
Concen: 2.18 ppbv
RT: 10.42 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 480087

Ion	Ratio	Lower	Upper
43	100		
58	46.7	38.4	57.6
98	1.0	0.2	0.4#

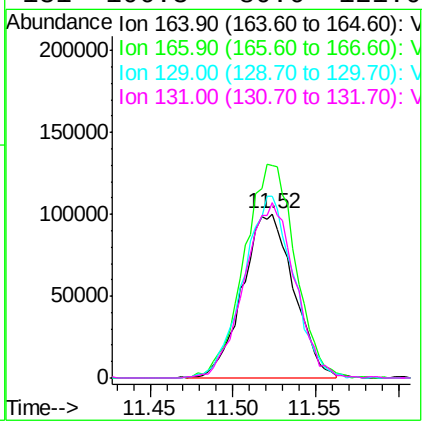


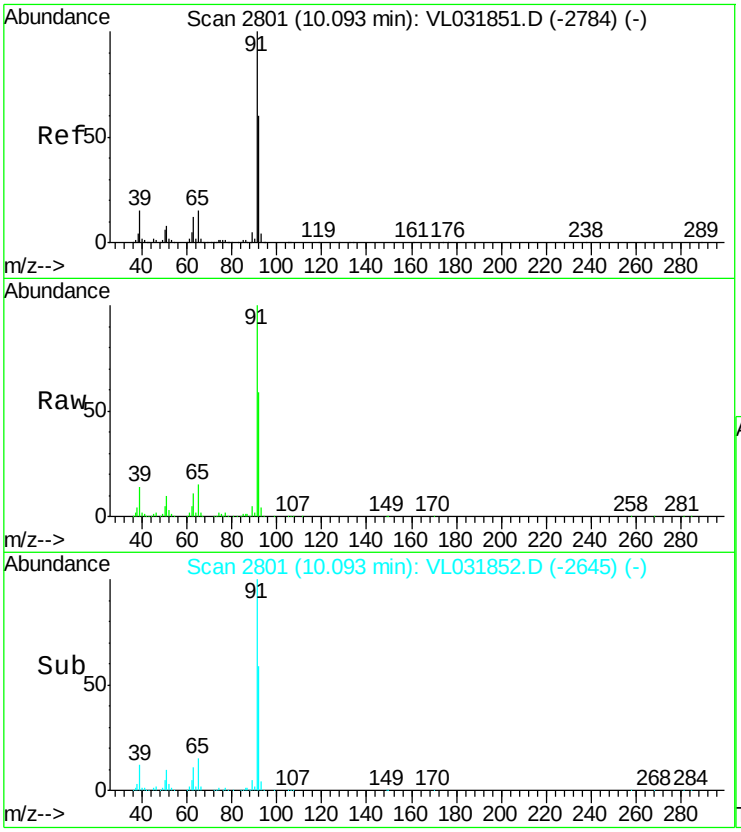


#52
Tetrachloroethene
Concen: 1.89 ppbv
RT: 11.52 min Scan# 3246
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:164 Resp: 215154

Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.3	154.9
129	110.2	84.2	126.4
131	106.3	80.6	121.0



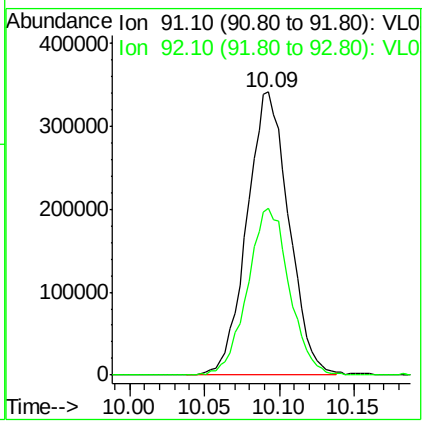


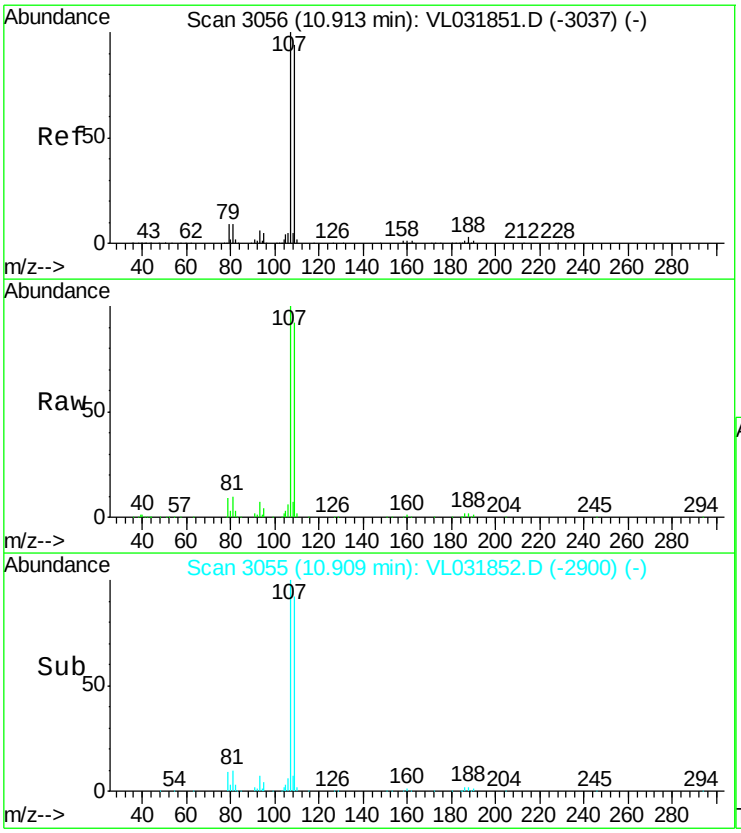
#53
Toluene
Concen: 2.04 ppbv
RT: 10.09 min Scan# 2801
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 663783

Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.2	70.8

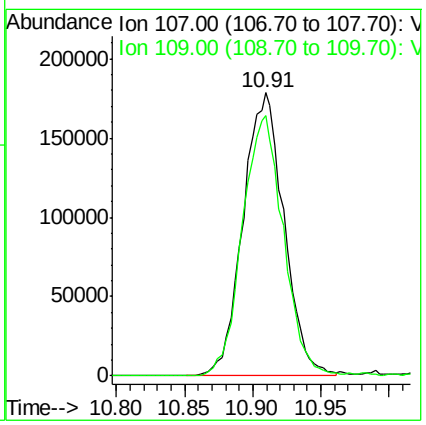


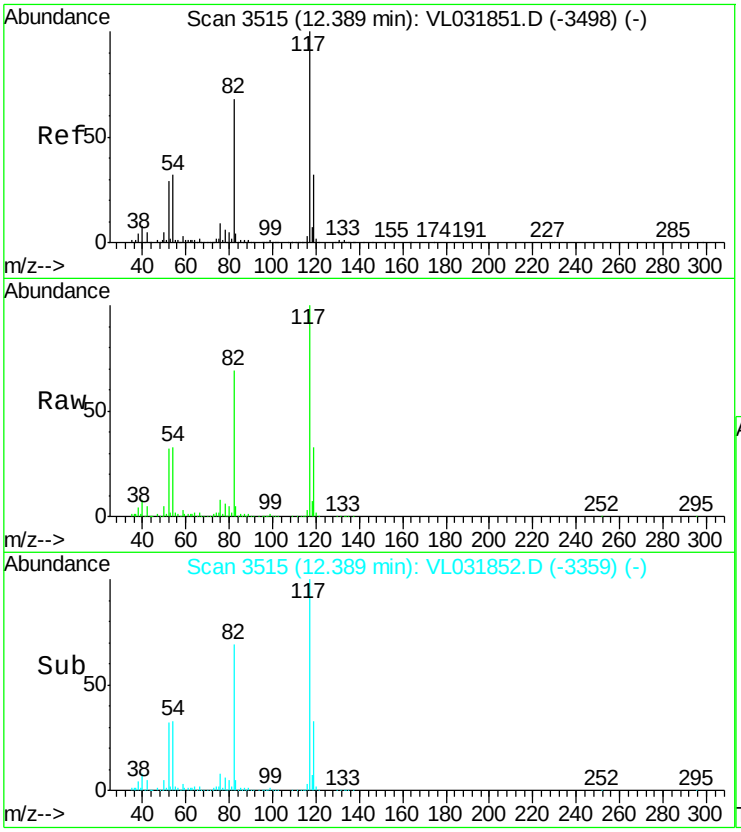


#54
1,2-Dibromoethane
Concen: 2.12 ppbv
RT: 10.91 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:107 Resp: 372028

Ion	Ratio	Lower	Upper
107	100		
109	91.8	75.1	112.7



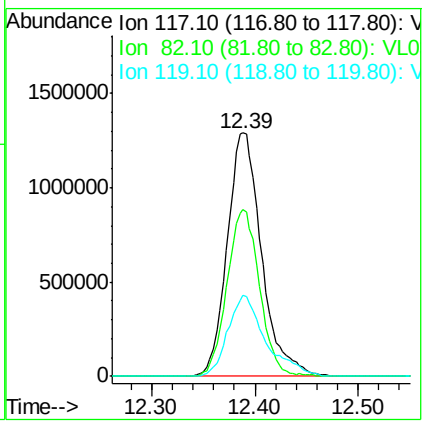


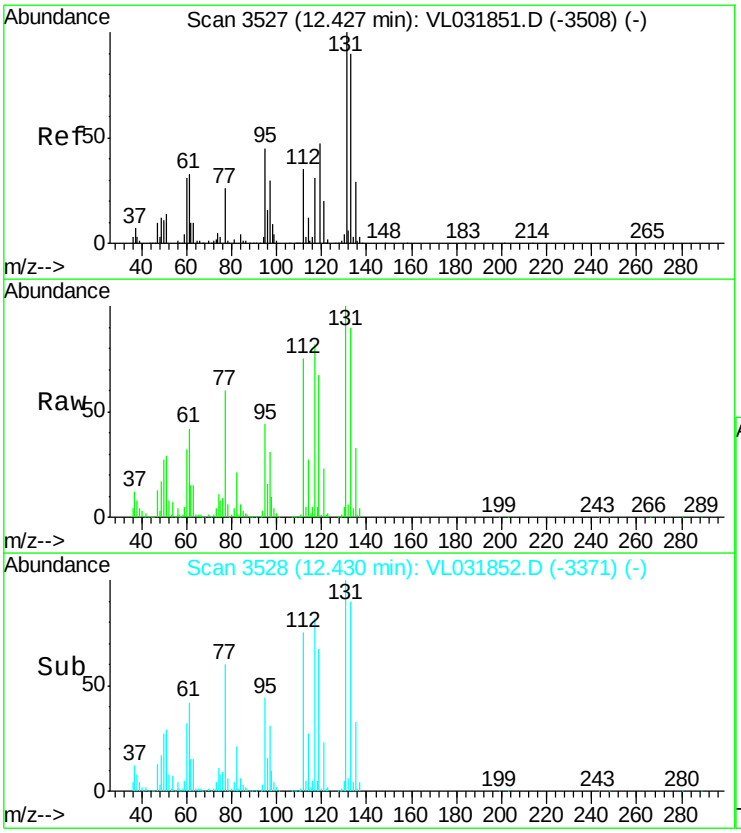
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2993412

Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.9	79.3
119	36.7	43.8	65.6#

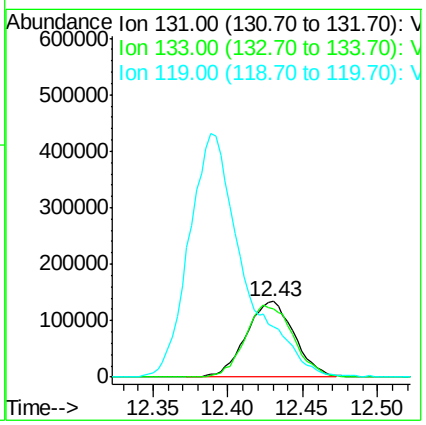


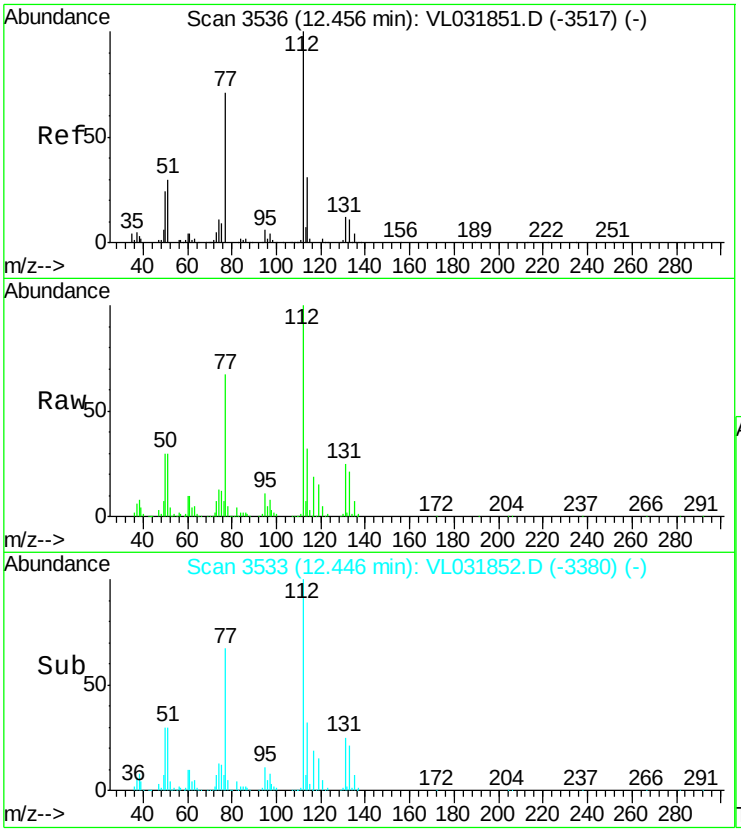


#56
1,1,1,2-Tetrachloroethane
Concen: 2.17 ppbv
RT: 12.43 min Scan# 3528
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:131 Resp: 299783

Ion	Ratio	Lower	Upper
131	100		
133	95.4	75.9	113.9
119	367.4	106.7	160.1#



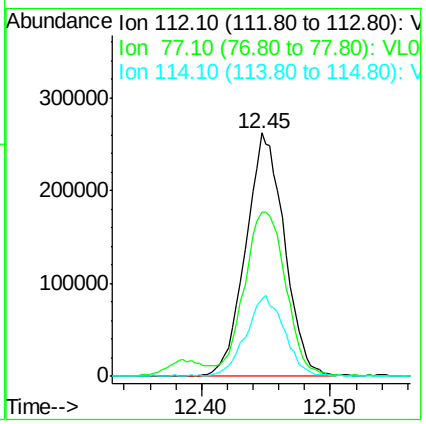


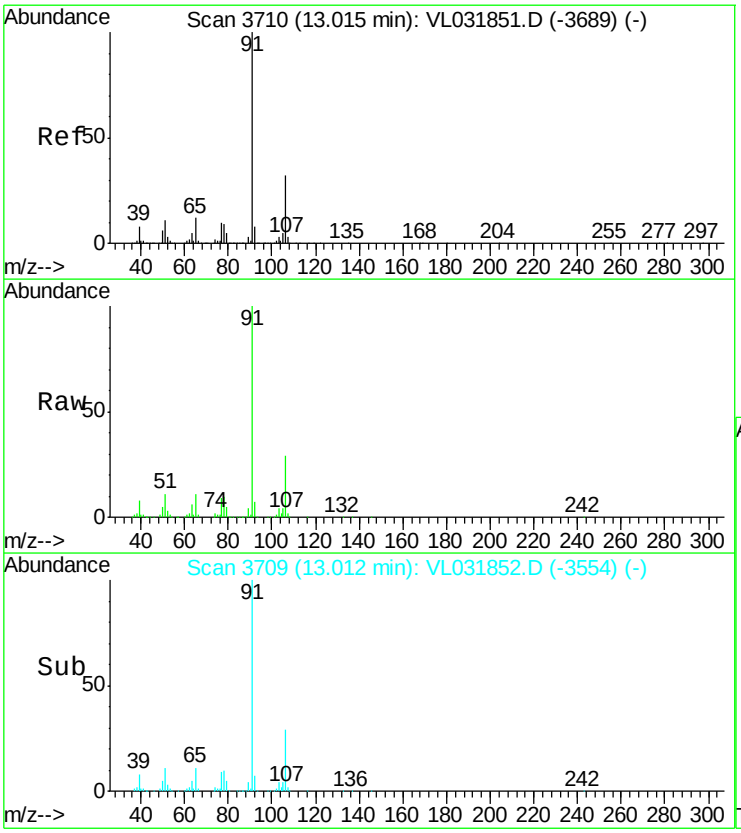
#57
Chlorobenzene
Concen: 2.03 ppbv
RT: 12.45 min Scan# 3533
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 546779

Ion	Ratio	Lower	Upper
112	100		
77	66.5	58.2	87.2
114	31.7	28.4	34.7

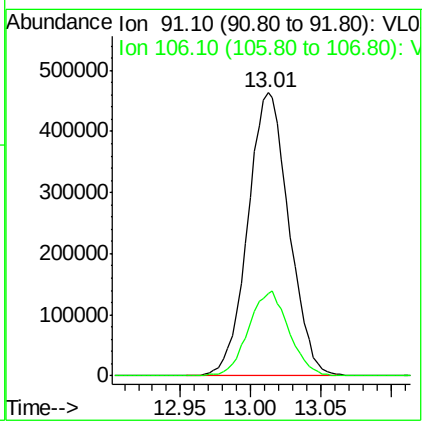


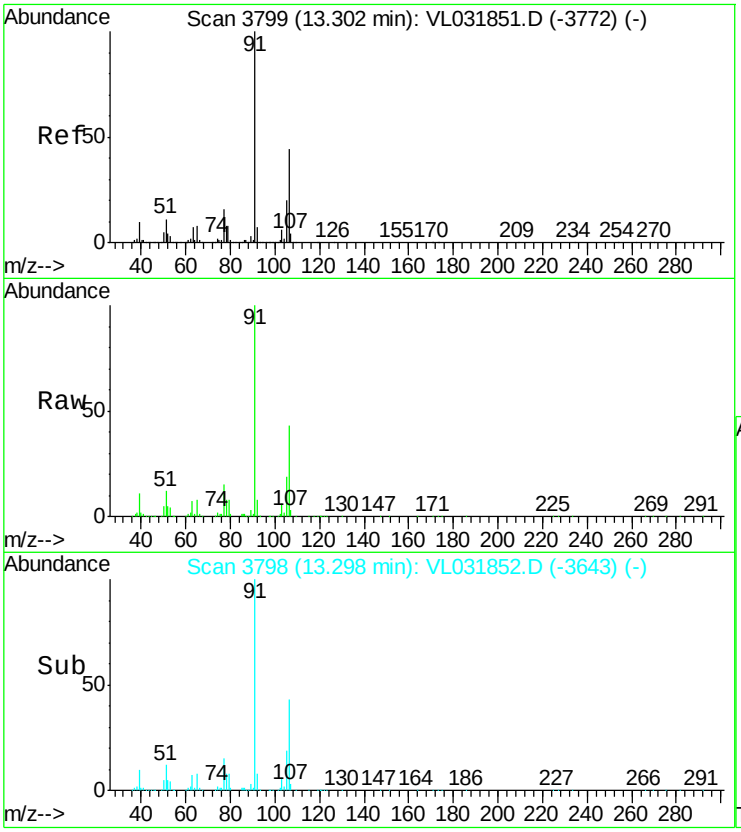


#58
Ethyl Benzene
Concen: 1.98 ppbv
RT: 13.01 min Scan# 3709
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 91 Resp: 944053

Ion	Ratio	Lower	Upper
91	100		
106	29.3	25.4	38.0



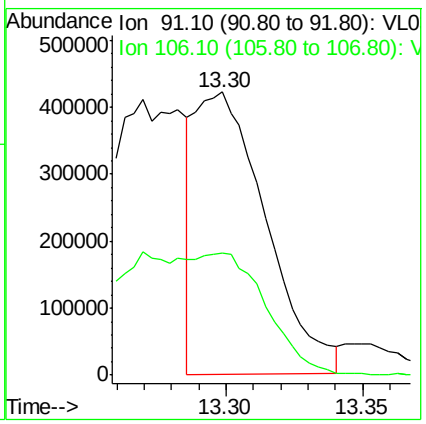


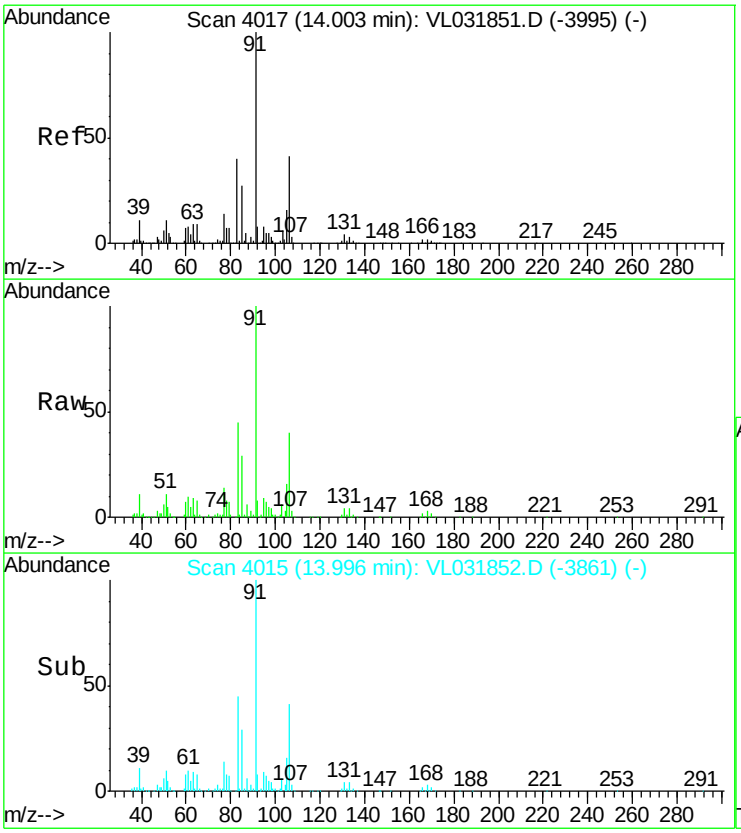
#59
m/p-Xylene
Concen: 1.92 ppbv
RT: 13.30 min Scan# 3798
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 755089

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

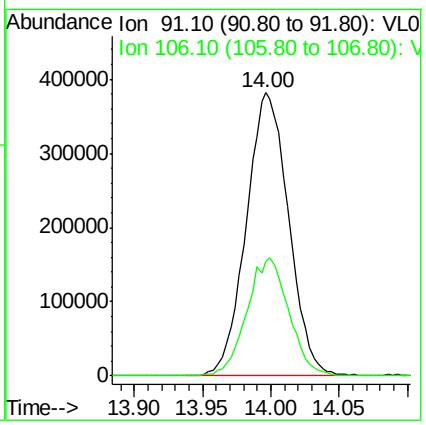


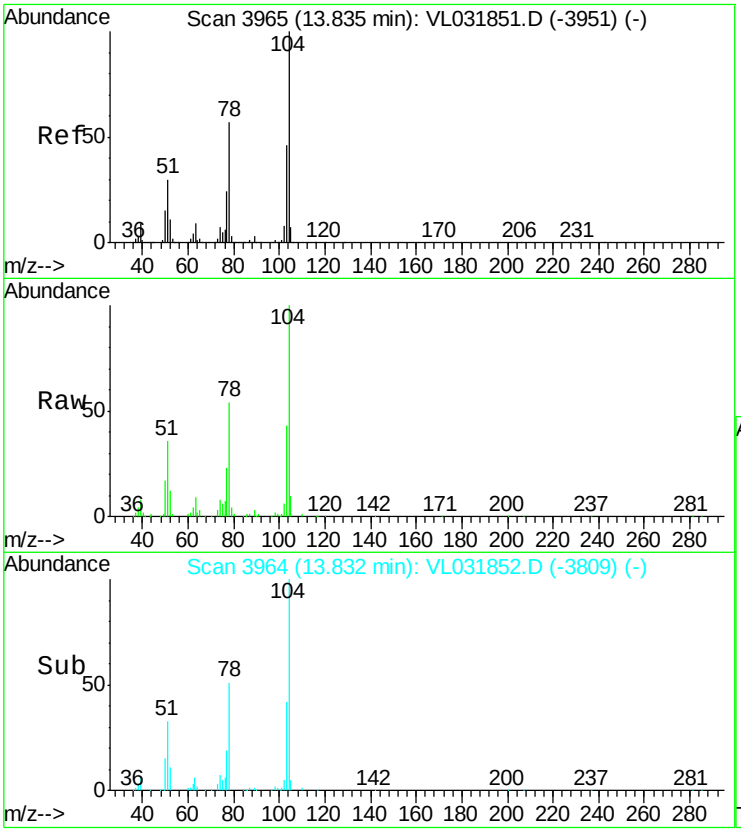


#60
o-Xylene
Concen: 2.07 ppbv
RT: 14.00 min Scan# 4015
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 91 Resp: 820644

Ion	Ratio	Lower	Upper
91	100		
106	41.4	21.0	63.0



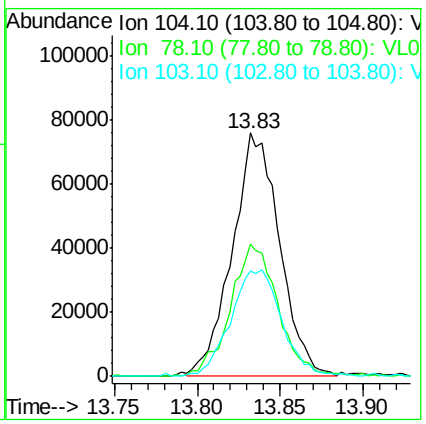


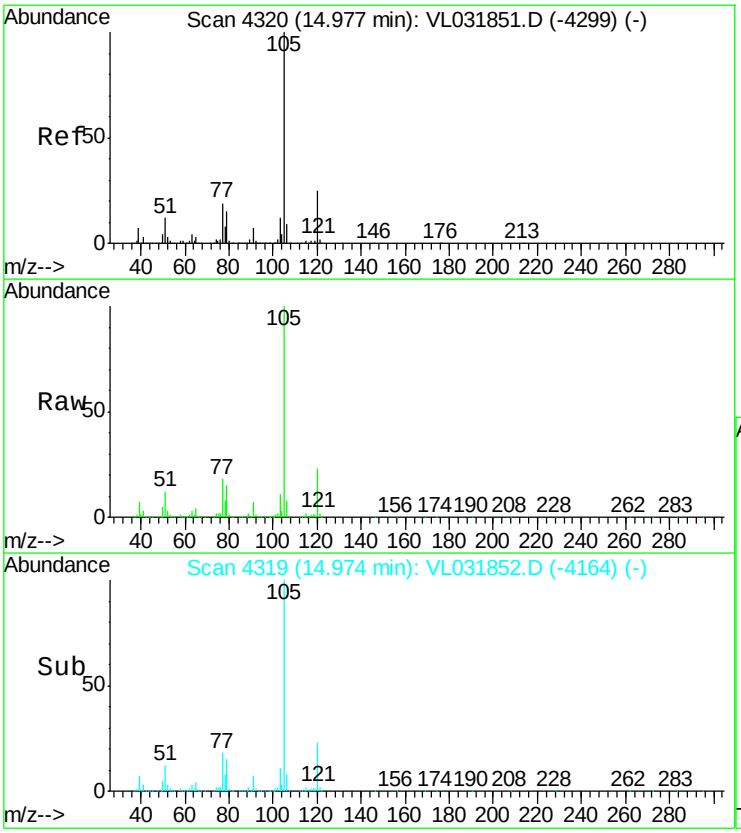
#61
Styrene
Concen: 1.72 ppbv
RT: 13.83 min Scan# 3964
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 151570

Ion	Ratio	Lower	Upper
104	100		
78	54.9	44.6	66.8
103	47.6	37.9	56.9

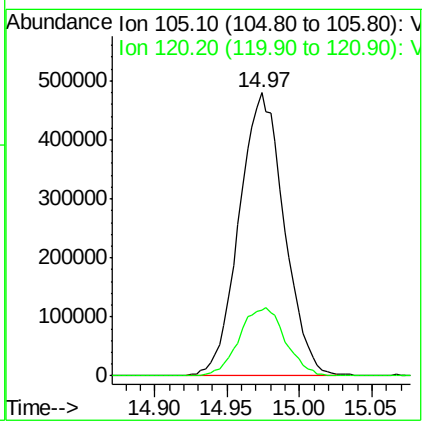


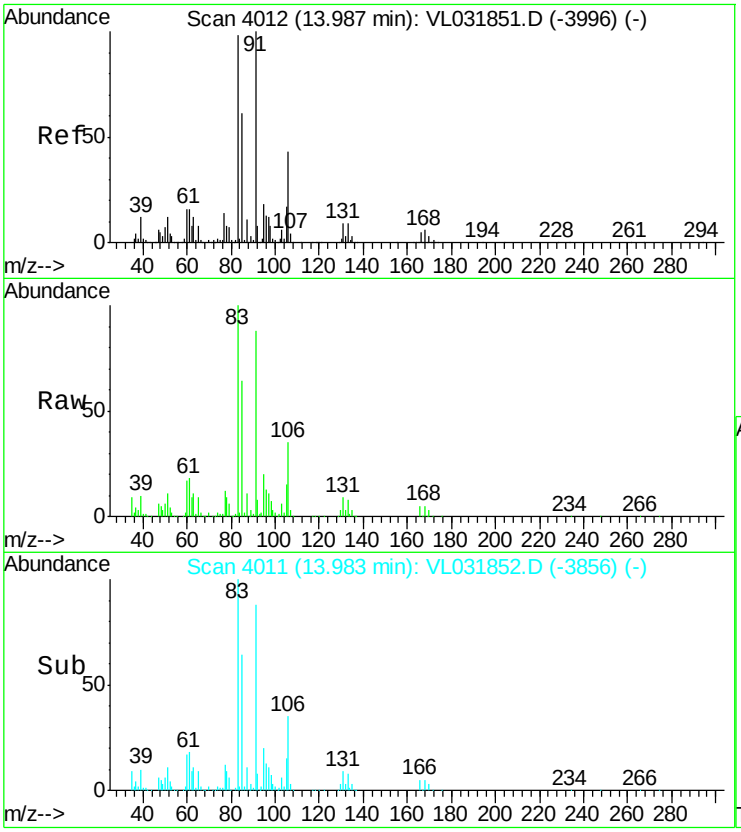


#62
Isopropylbenzene
Concen: 2.06 ppbv
RT: 14.97 min Scan# 4319
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:105 Resp: 1035418

Ion	Ratio	Lower	Upper
105	100		
120	24.7	19.8	29.6



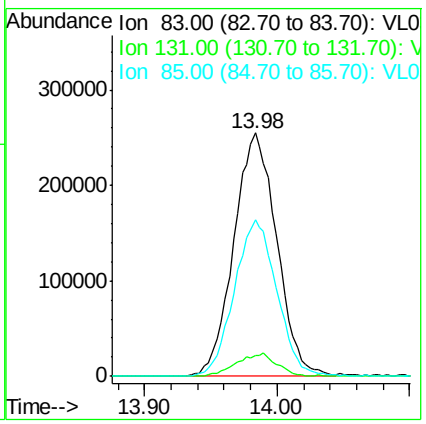


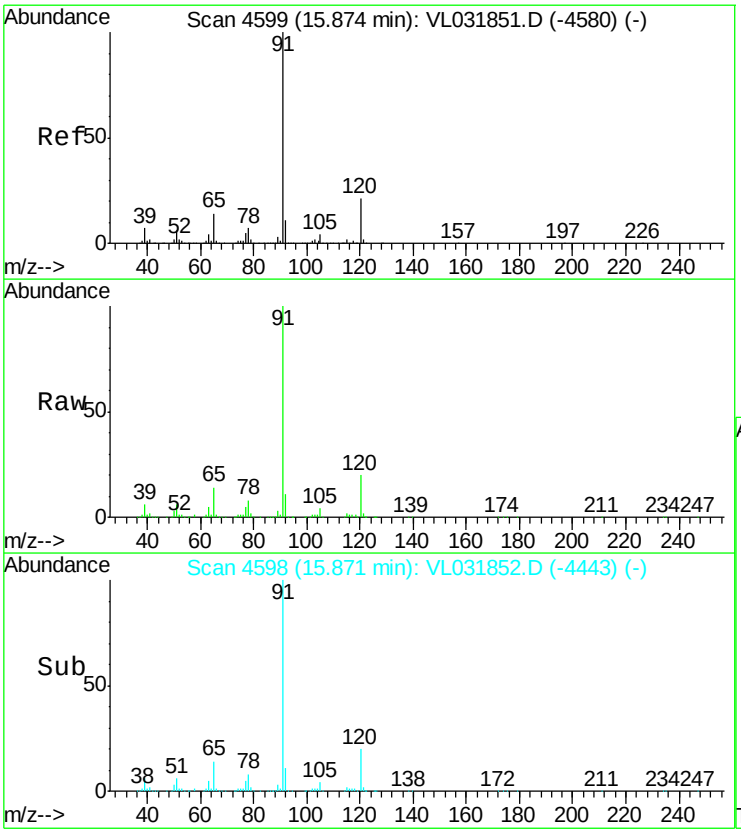
#63
1,1,2,2-Tetrachloroethane
Concen: 2.21 ppbv
RT: 13.98 min Scan# 4011
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 83 Resp: 574016

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.8	14.4
85	63.9	32.8	98.4

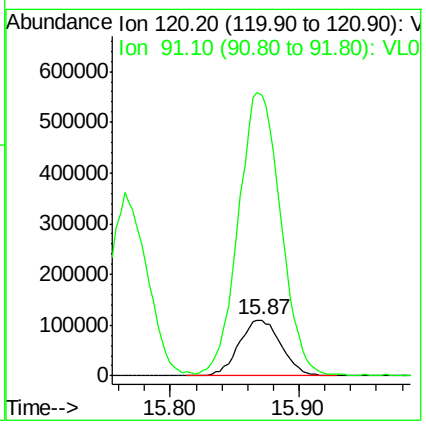


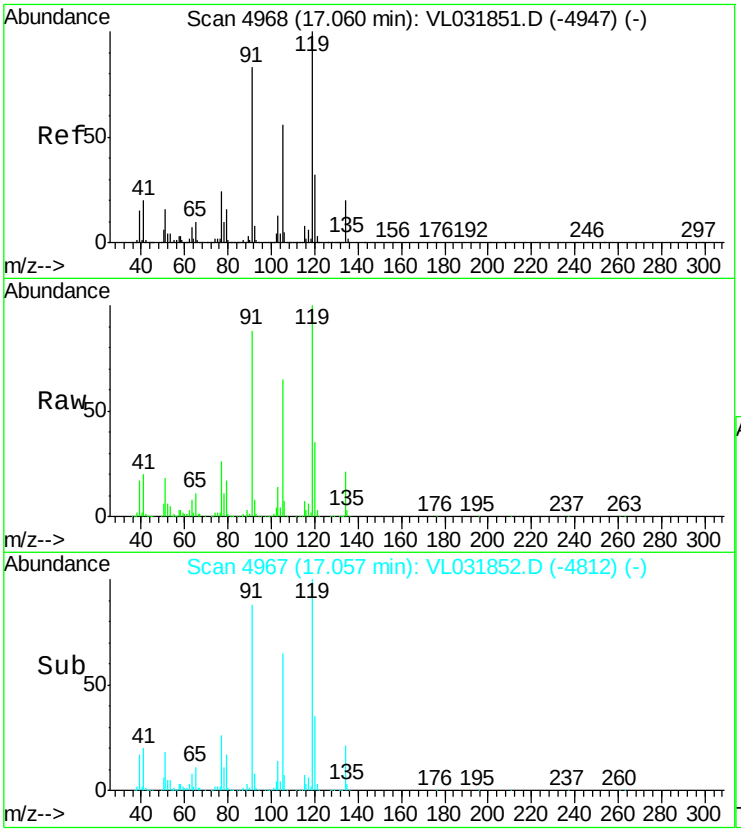


#64
n-propylbenzene
Concen: 2.07 ppbv
RT: 15.87 min Scan# 4598
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:120 Resp: 250964

Ion	Ratio	Lower	Upper
120	100		
91	512.0	397.3	595.9



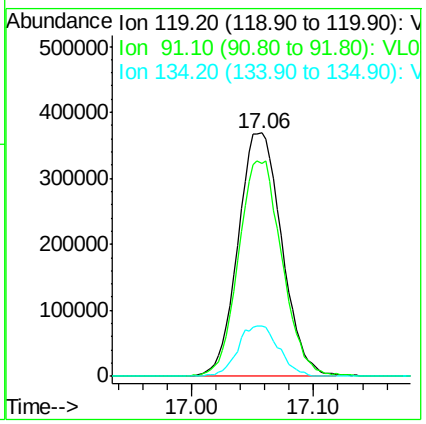


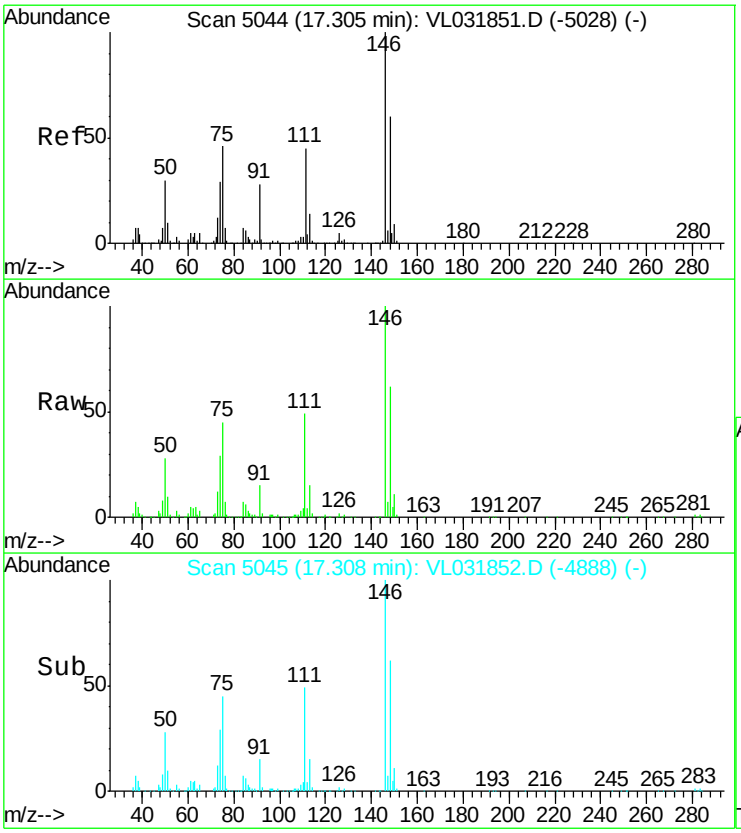
#65
tert-Butylbenzene
Concen: 2.12 ppbv
RT: 17.06 min Scan# 4967
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 913006

Ion	Ratio	Lower	Upper
119	100		
91	88.6	69.0	103.6
134	19.6	15.4	23.0

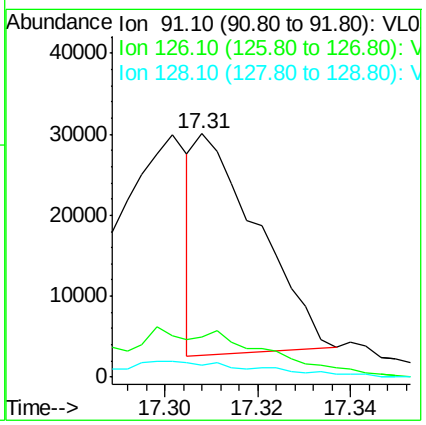


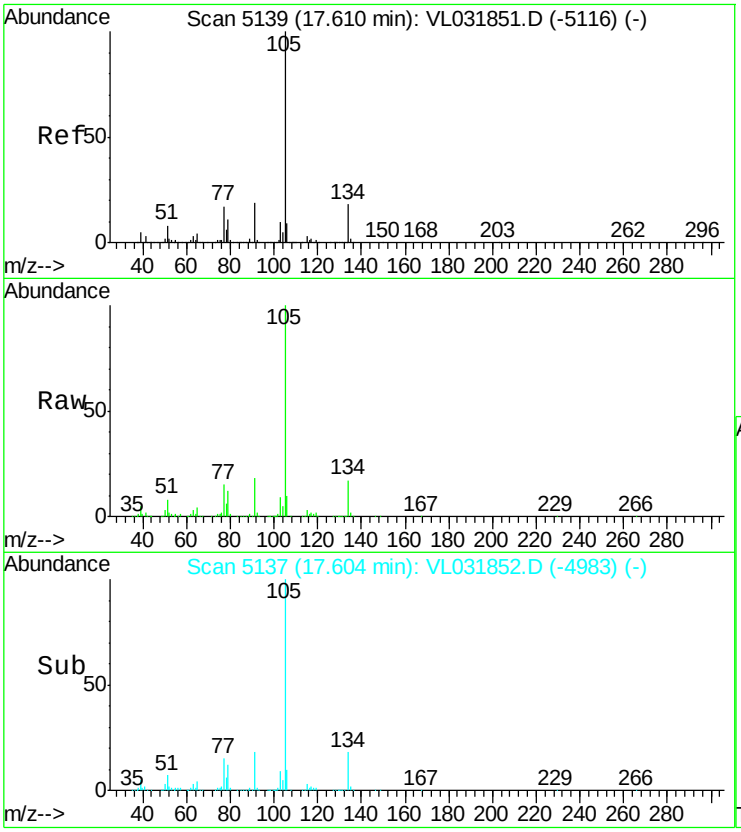


#66
Benzyl Chloride
Concen: 0.69 ppbv
RT: 17.31 min Scan# 5045
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 91 Resp: 25430

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.7	19.1#
128	0.0	4.1	6.1#



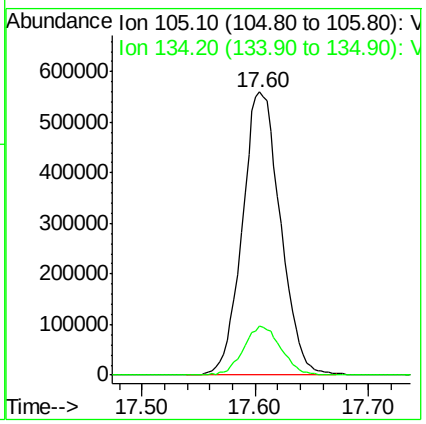


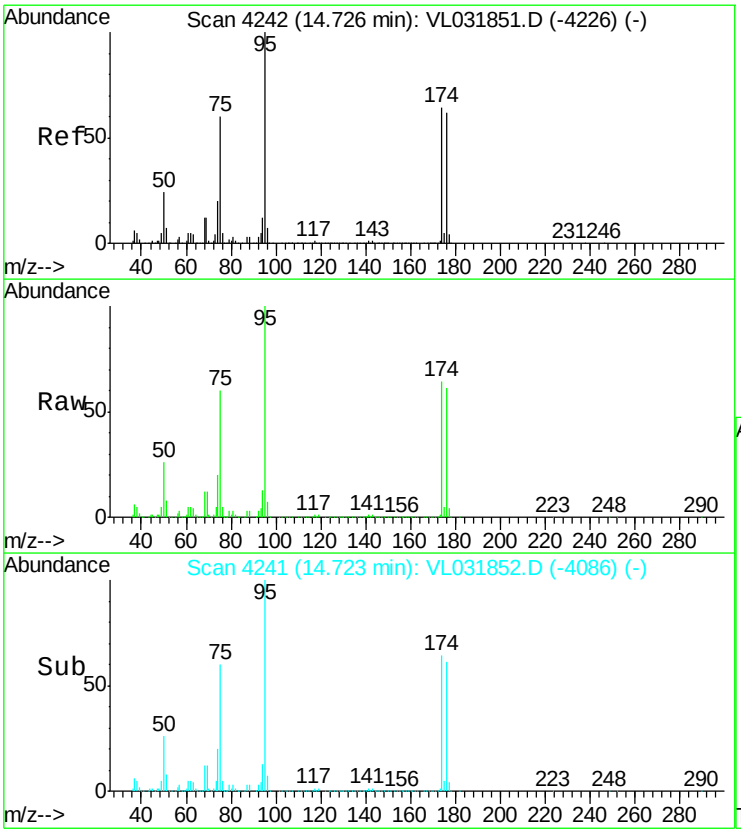
#67
sec-Butylbenzene
Concen: 2.17 ppbv
RT: 17.60 min Scan# 5137
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:105 Resp: 1306404

Ion	Ratio	Lower	Upper
105	100		
134	17.2	14.0	21.0

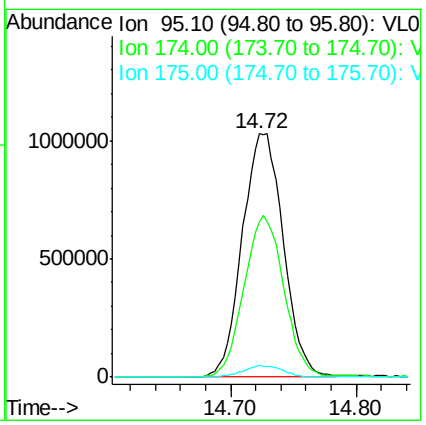


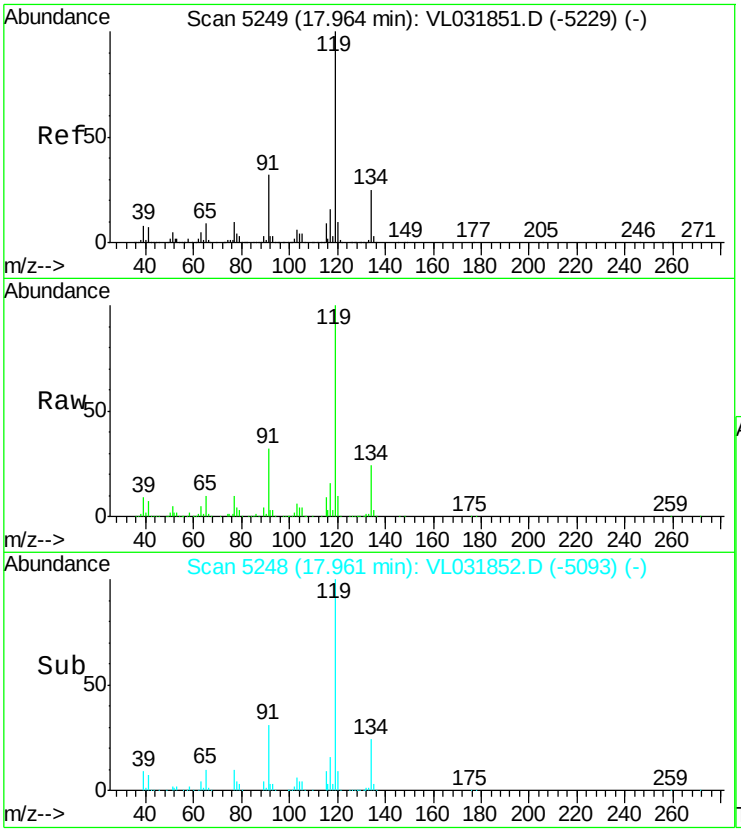


#68
1-Bromo-4-Fluorobenzene
Concen: 10.43 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 95 Resp: 2346406

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.2	78.2
175	4.7	3.8	5.8



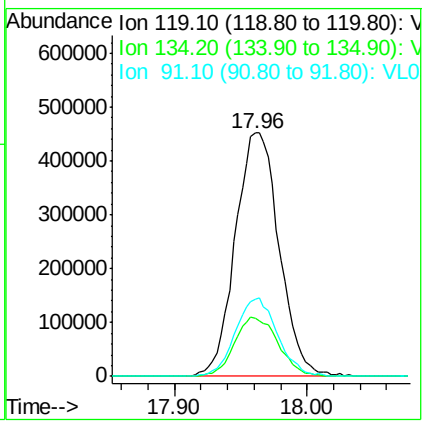


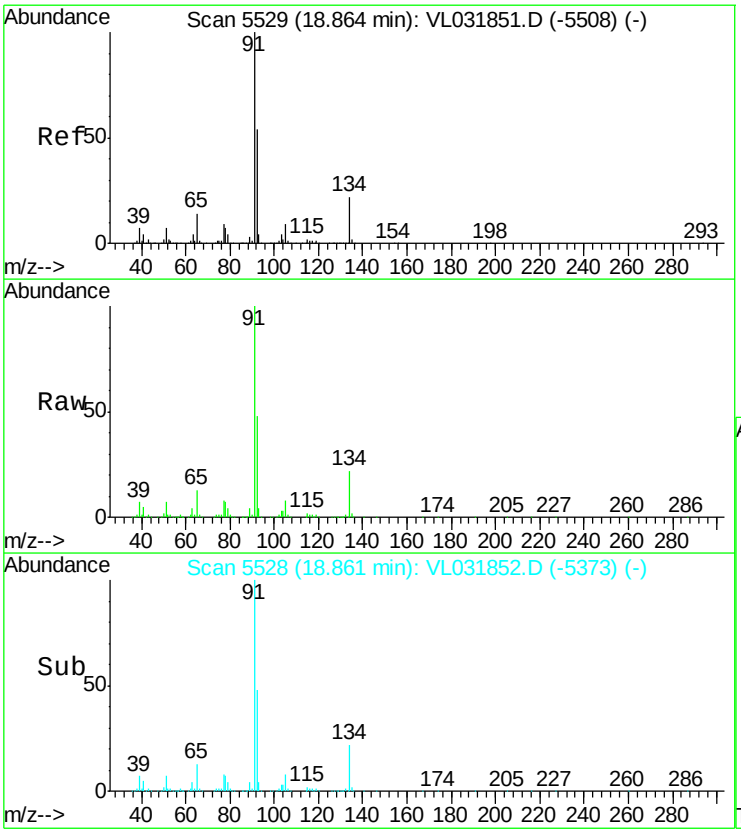
#69
p-Isopropyltoluene
Concen: 2.13 ppbv
RT: 17.96 min Scan# 5248
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1031411

Ion	Ratio	Lower	Upper
119	100		
134	24.6	19.7	29.5
91	31.5	24.6	37.0

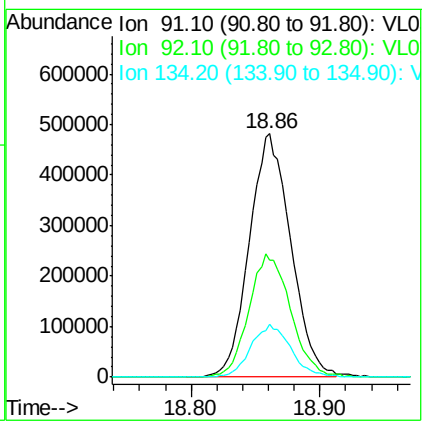


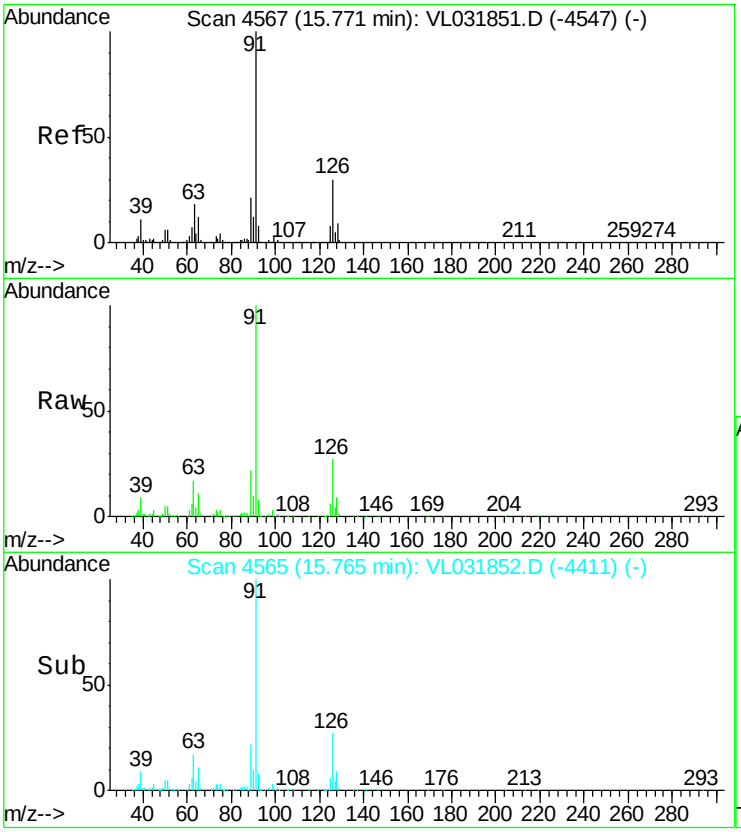


#70
n-Butylbenzene
Concen: 2.26 ppbv
RT: 18.86 min Scan# 5528
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion: 91 Resp: 1078180

Ion	Ratio	Lower	Upper
91	100		
92	51.0	42.2	63.4
134	20.8	17.2	25.8



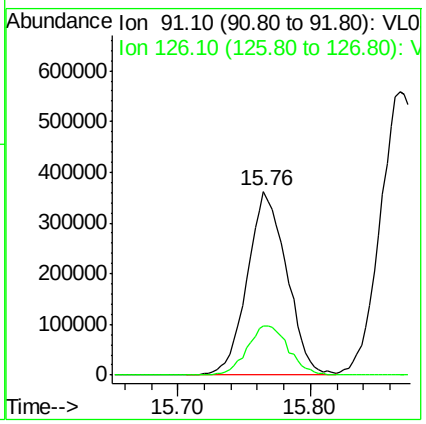


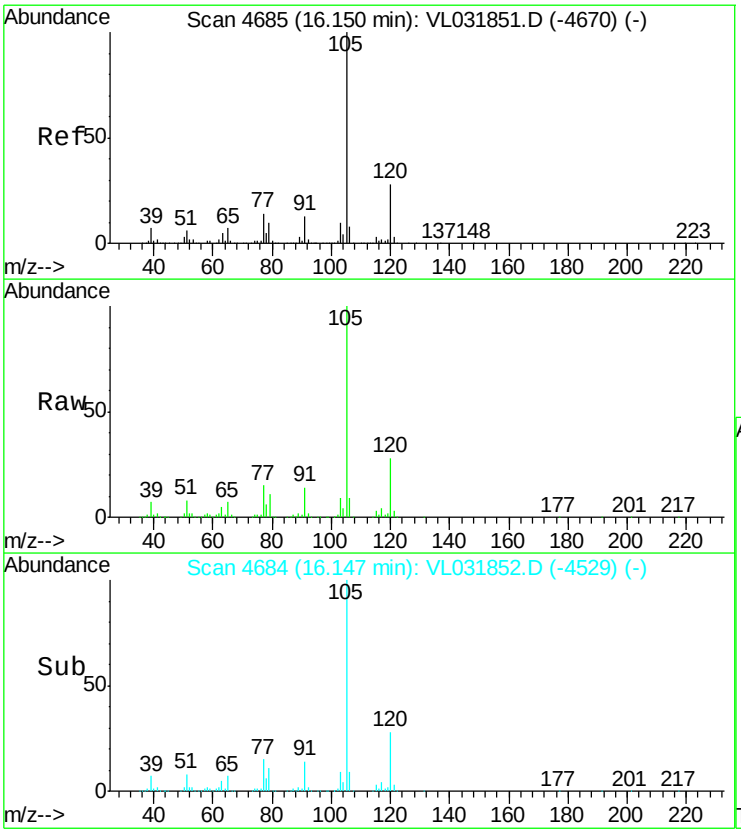
#71
2-Chlorotoluene
Concen: 1.98 ppbv
RT: 15.76 min Scan# 4565
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 747833

Ion	Ratio	Lower	Upper
91	100		
126	28.3	11.5	45.9

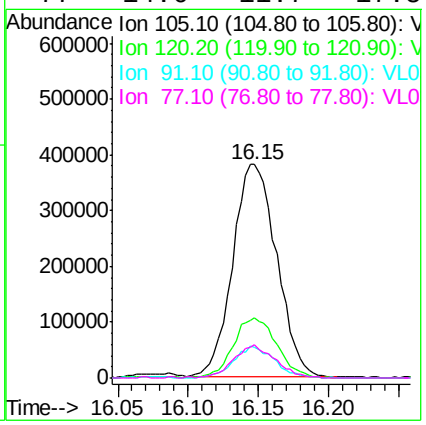


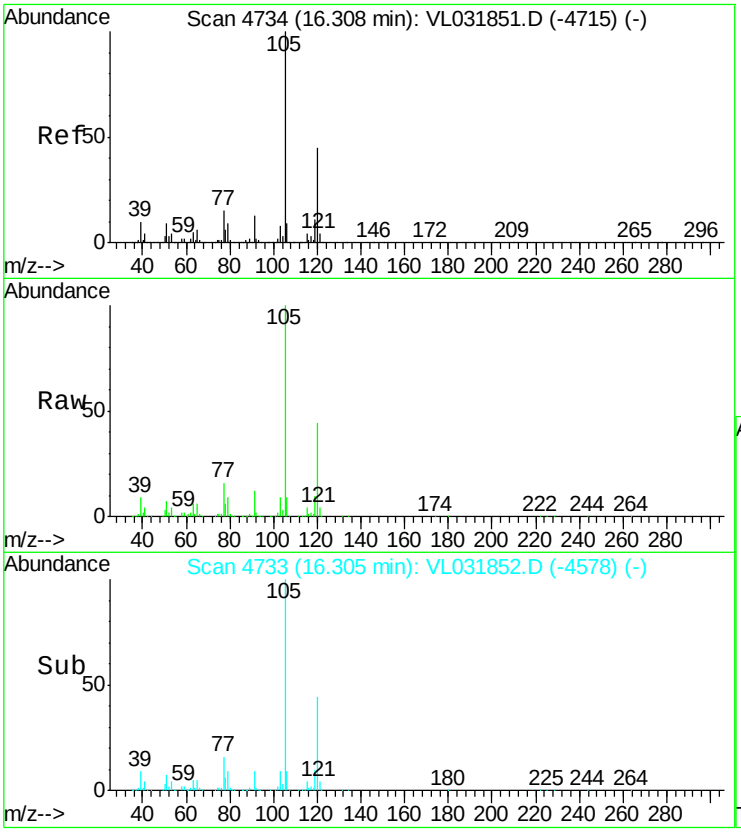


#72
4-Ethyltoluene
Concen: 2.09 ppbv
RT: 16.15 min Scan# 4684
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:105 Resp: 833347

Ion	Ratio	Lower	Upper
105	100		
120	28.0	22.6	33.8
91	13.7	10.7	16.1
77	14.6	11.7	17.5



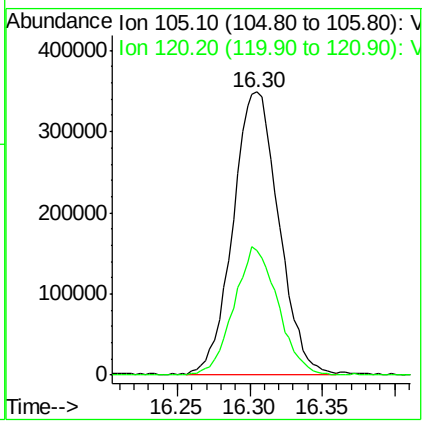


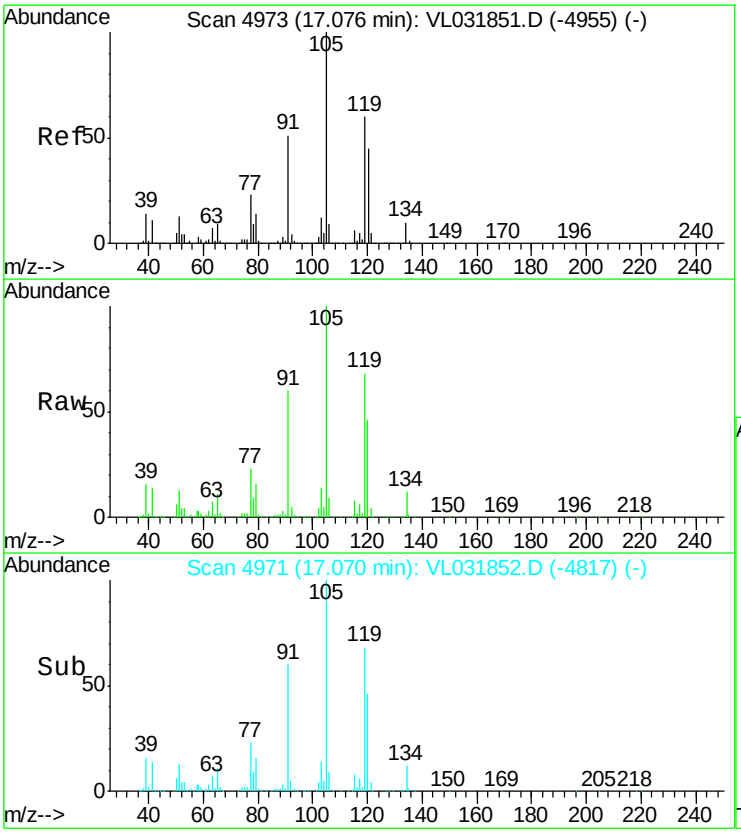
#73
1,3,5-Trimethylbenzene
Concen: 2.10 ppbv
RT: 16.30 min Scan# 4733
Delta R.T. -0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 761080

Ion	Ratio	Lower	Upper
105	100		
120	44.0	36.3	54.5

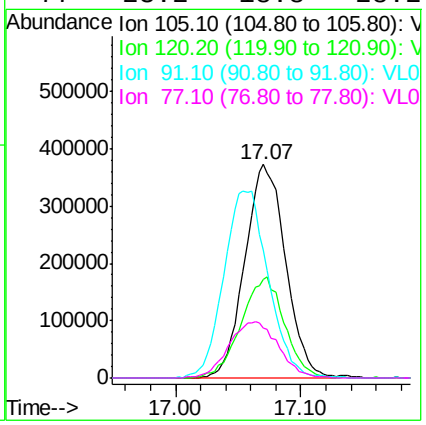


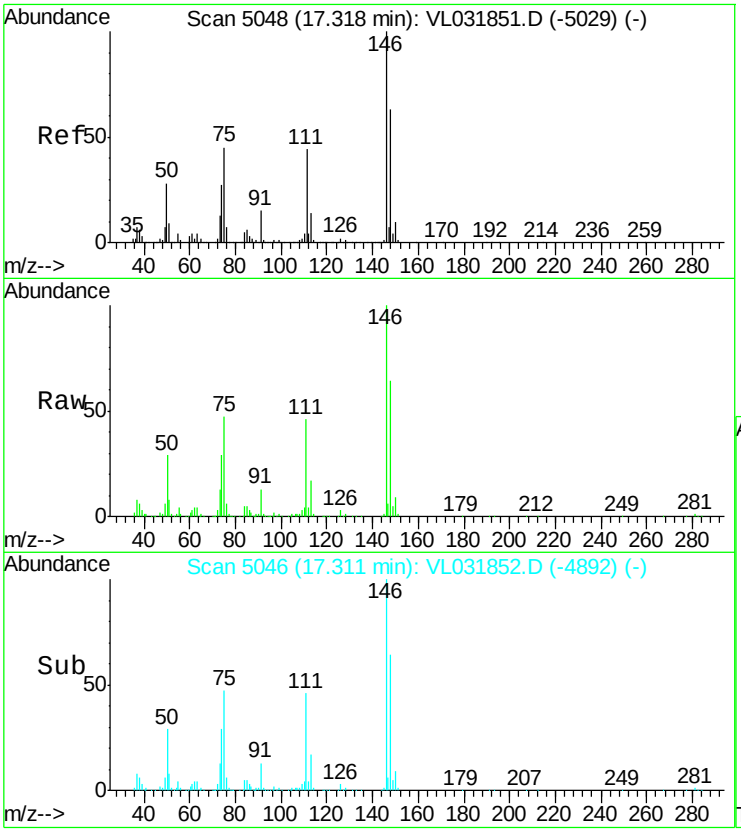


#74
1,2,4-Trimethylbenzene
Concen: 2.16 ppbv
RT: 17.07 min Scan# 4971
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:105 Resp: 839693

Ion	Ratio	Lower	Upper
105	100		
120	46.3	36.2	54.4
91	59.6	43.3	64.9
77	23.2	18.8	28.2



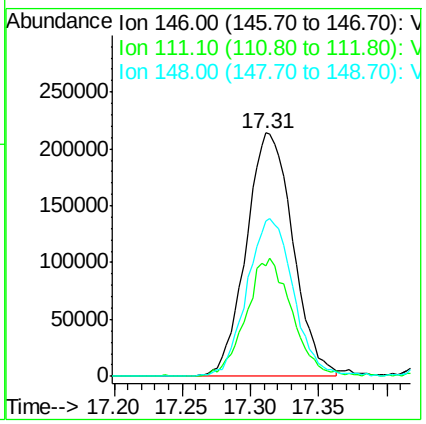


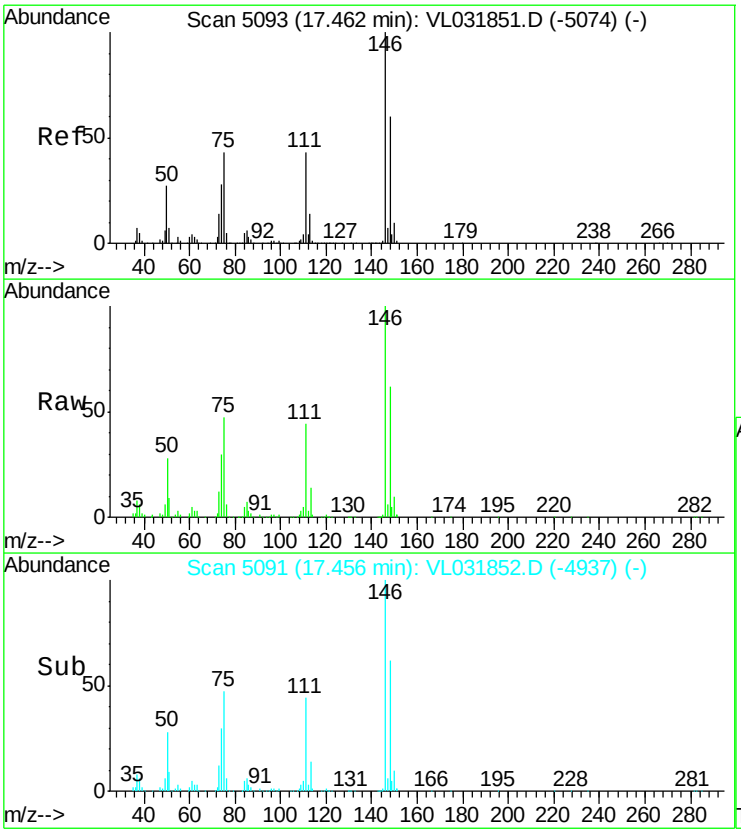
#75
1,3-Dichlorobenzene
Concen: 2.14 ppbv
RT: 17.31 min Scan# 5046
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 508666

Ion	Ratio	Lower	Upper
146	100		
111	48.0	23.4	70.0
148	64.9	32.1	96.5

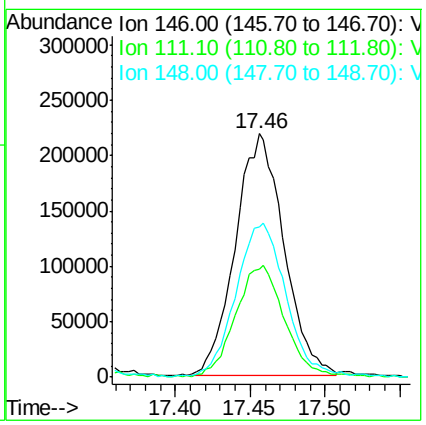


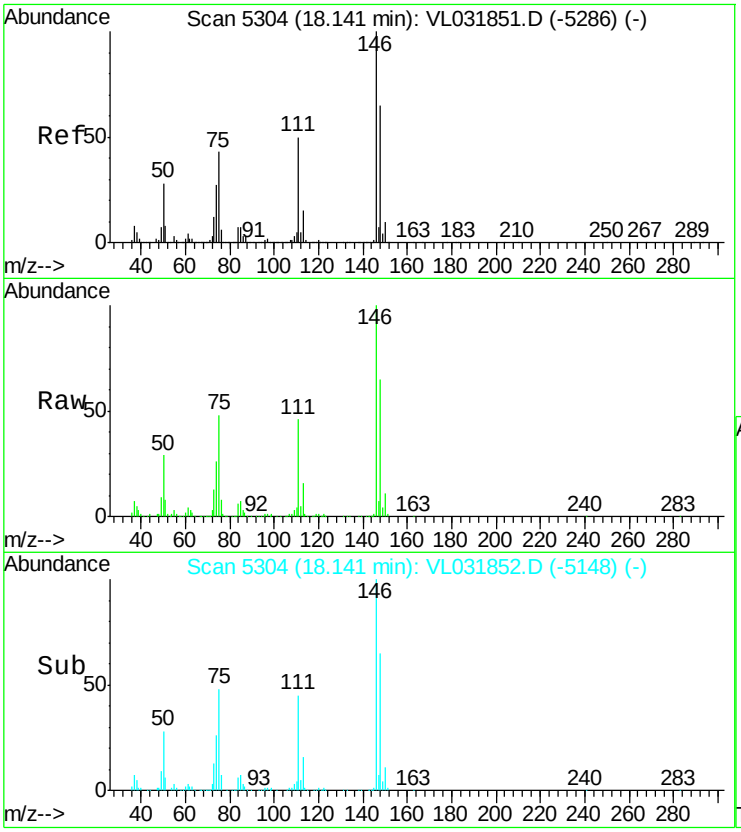


#76
1,4-Dichlorobenzene
Concen: 2.04 ppbv
RT: 17.46 min Scan# 5091
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:146 Resp: 493339

Ion	Ratio	Lower	Upper
146	100		
111	47.0	22.9	68.7
148	65.9	32.1	96.5



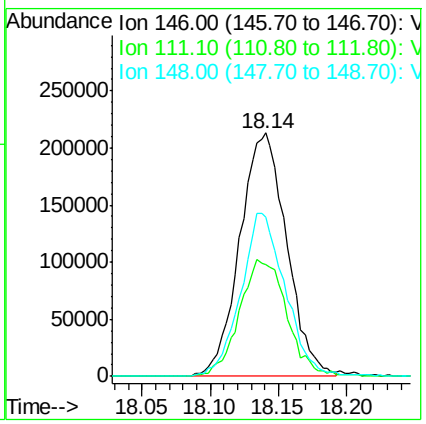


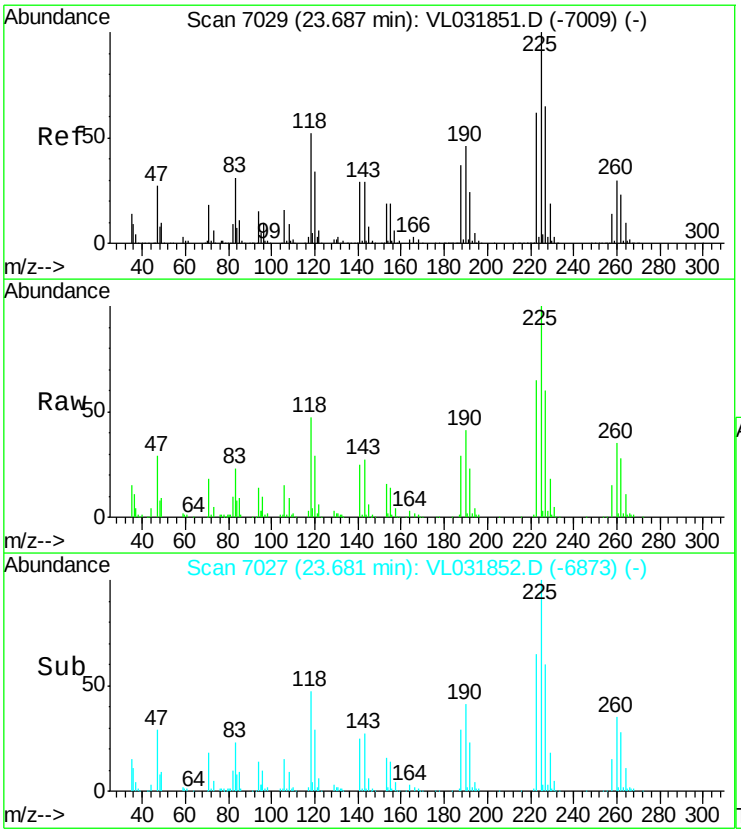
#77
1,2-Dichlorobenzene
Concen: 2.19 ppbv
RT: 18.14 min Scan# 5304
Delta R.T. 0.00 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 503999

Ion	Ratio	Lower	Upper
146	100		
111	48.8	24.3	72.8
148	64.5	31.7	95.1

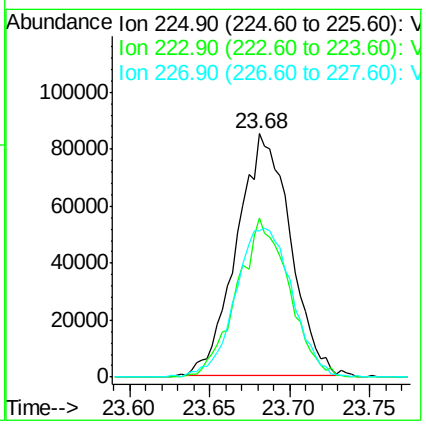


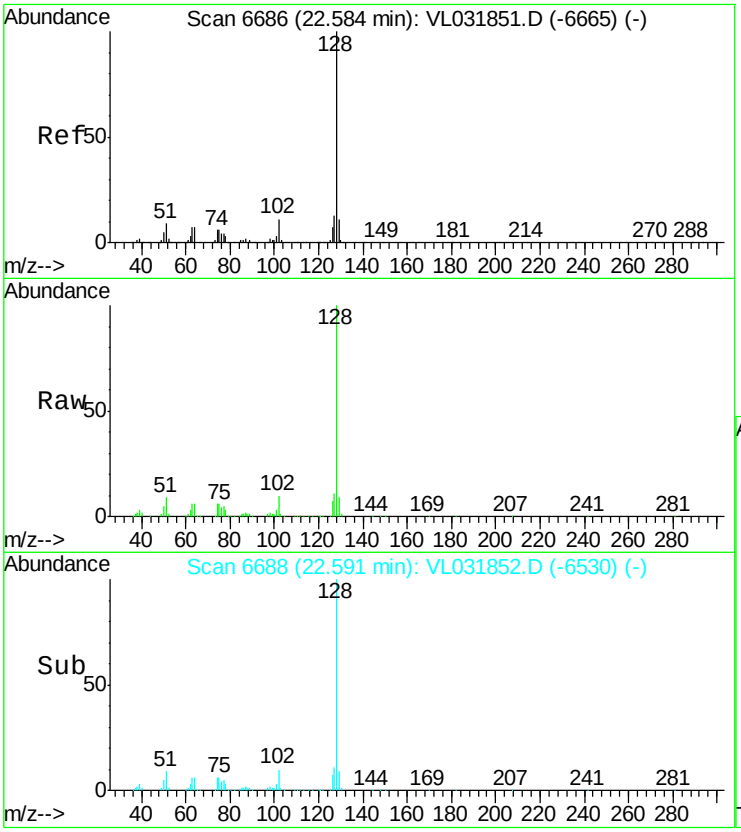


#78
Hexachloro-1,3-Butadiene
Concen: 2.03 ppbv
RT: 23.68 min Scan# 7027
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:225 Resp: 194029

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.3	75.5
227	65.8	50.8	76.2



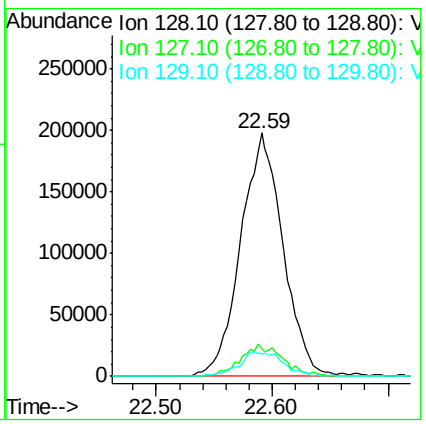


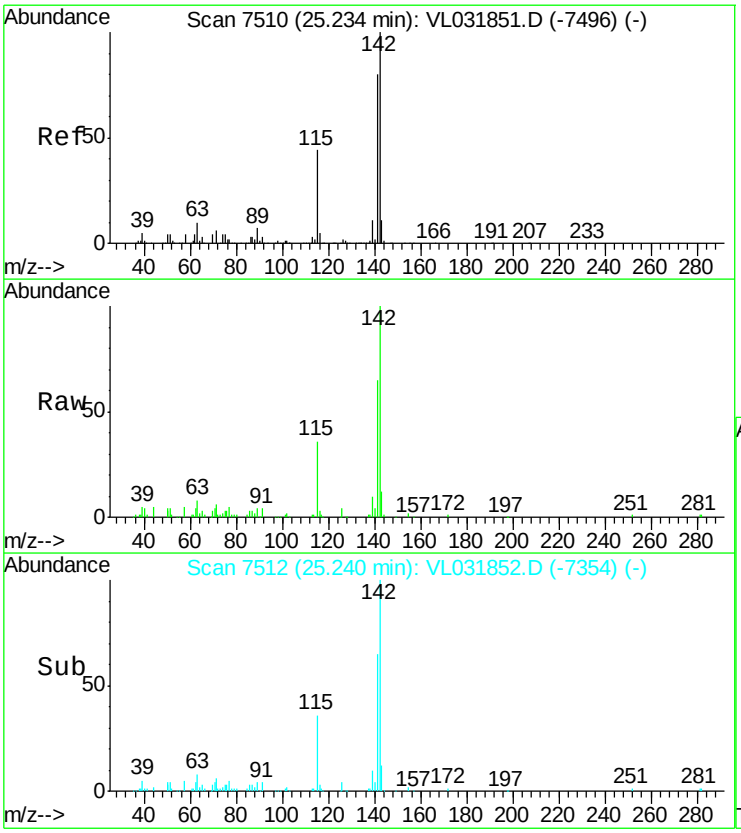
#79
Naphthalene
Concen: 2.03 ppbv
RT: 22.59 min Scan# 6688
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 499644

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.4	15.6
129	9.4	9.1	13.7

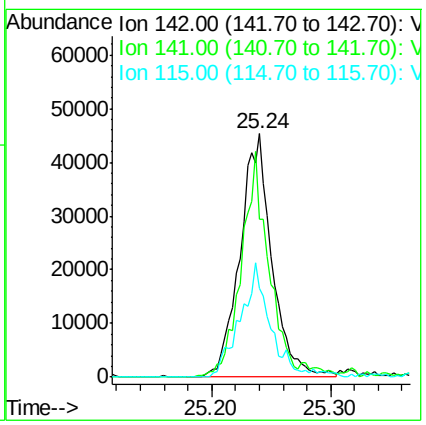


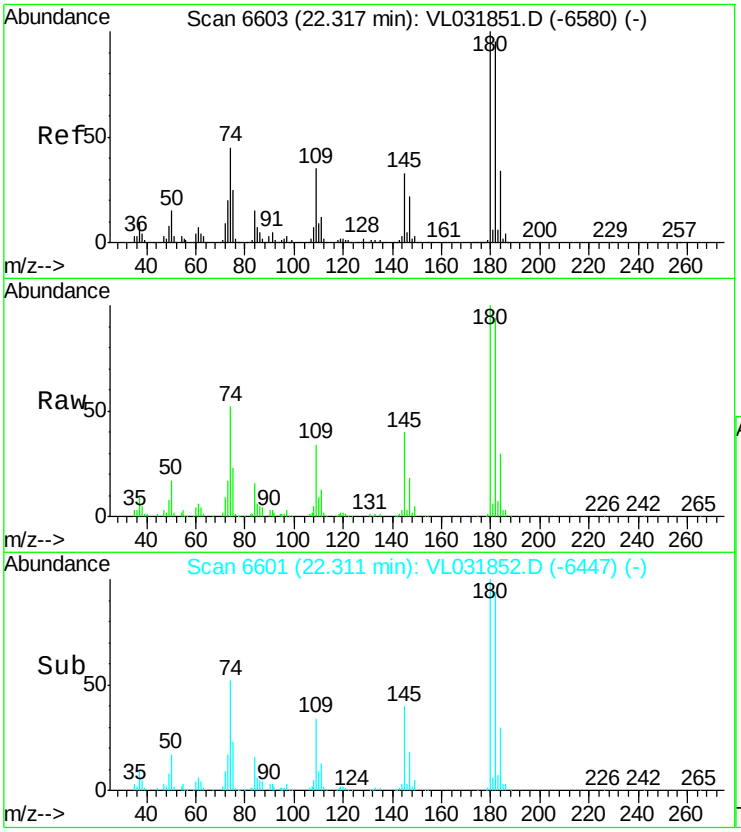


#80
Naphthalene,2-methyl-
Concen: 1.38 ppbv
RT: 25.24 min Scan# 7512
Delta R.T. 0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Tgt Ion:142 Resp: 84195

Ion	Ratio	Lower	Upper
142	100		
141	83.2	65.8	98.8
115	44.6	35.8	53.6





#81
1,2,4-Trichlorobenzene
Concen: 1.99 ppbv
RT: 22.31 min Scan# 6601
Delta R.T. -0.01 min
Lab File: VL031852.D
Acq: 12 Apr 2018 00:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 266986

Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.6	114.8
184	31.7	25.0	37.4