Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\
Data File : VL031966.D
Acq On : 3 May 2018 15:21
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 03 15:48:42 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 12:00:23 2018
QLast Update : Thu May 03 12:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1350413	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	1496514	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2937570	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	2228738	9.44	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	2172294	7.799	ppbv		98
3) Chlorodifluoromethane	3.10	51	1377470	8.770	ppbv		98
4) Chloromethane	3.26	50	818098	10.204	ppbv		95
5) Vinyl Chloride	3.38	62	888633	9.843	ppbv		97
6) Bromomethane	3.61	94	594738	10.024	ppbv		98
7) Chloroethane	3.69	64	367083	10.200	ppbv	#	89
8) Dichlorotetrafluoroethane	3.31	85	2134318	9.332	ppbv		98
9) Propene	3.12	41	631140	11.622	ppbv		100
10) Heptane	8.39	43	2170550	12.319	ppbv		99
11) Trichlorofluoromethane	4.11	101	2374350	8.695	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.66	101	1862274	10.494	ppbv		97
13) Ethanol	3.74	45	175862	9.542	ppbv		100
14) Bromoethene	3.89	108	704290	10.525	ppbv		98
15) Acetone	4.00	43	1652178	7.950	ppbv		100
16) 1,3-Butadiene	3.45	39	803313	10.446	ppbv		94
17) tert-Butyl alcohol	4.46	59	631673	7.354	ppbv		98
18) 1,1-Dichloroethene	4.46	96	713918	9.365	ppbv		89
19) Isopropyl Alcohol	4.12	45	1079917	9.302	ppbv	#	98
20) Methylene Chloride	4.52	84	745779	9.852	ppbv		94
21) Allyl Chloride	4.59	41	1412327	11.895	ppbv		97
22) trans-1,2-Dichloroethene	5.08	96	917479	11.611	ppbv		97
23) Vinyl Acetate	5.27	43	2797986	13.275	ppbv		99
24) 1,1-Dichloroethane	5.21	63	2446321	11.651	ppbv		99
25) Ethyl Acetate	5.89	43	4259651	13.140	ppbv		100
26) Hexane	5.90	57	2009239	13.294	ppbv		100
27) Carbon Disulfide	4.73	76	2338765	11.920	ppbv		99
28) Methyl tert-Butyl Ether	5.23	73	2355435	12.665	ppbv		100
29) Chloroform	5.97	83	3067130	11.972	ppbv		99
30) Cyclohexane	7.39	84	1530753	14.183	ppbv		98
31) cis-1,2-Dichloroethene	5.76	61	1913117	13.974	ppbv		93
32) 1,1,1-Trichloroethane	6.75	97	3035508	12.166	ppbv		99
34) 2-Butanone	5.45	43	2546525	24.529	ppbv		100
35) Carbon Tetrachloride	7.27	117	3078160	23.682	ppbv		98
36) Benzene	7.14	78	4079062	30.303	ppbv		99
37) 1,2-Dichloroethane	6.55	62	2512378	25.085	ppbv		98
38) Trichloroethene	8.10	130	1277067	23.373	ppbv		96
39) 1,2-Dichloropropane	7.88	63	1178875	23.559	ppbv		98
40) 1,4-Dioxane	8.09	88	498590	24.549	ppbv		100
41) Tetrahydrofuran	6.27	42	1397078	29.075	ppbv		99
42) Bromodichloromethane	8.06	83	2702855	22.555	ppbv		99
43) Methyl Methacrylate	8.28	69	1228641	25.939	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\
Data File : VL031966.D
Acq On : 3 May 2018 15:21
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 03 15:48:42 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 12:00:23 2018
QLast Update : Thu May 03 12:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.13	57	5362754	23.133	ppbv		99
45) t-1,3-Dichloropropene	9.56	75	1775005	28.893	ppbv		100
46) cis-1,3-Dichloropropene	8.98	75	2092274	26.647	ppbv		95
47) 1,1,2-Trichloroethane	9.76	97	1394857	23.454	ppbv		97
48) Dibromochloromethane	10.60	129	2356027	24.514	ppbv		99
49) Bromoform	13.36	173	2017423	27.264	ppbv		99
50) 4-Methyl-2-Pentanone	9.01	43	2871305	24.165	ppbv		100
51) 2-Hexanone	10.42	43	2641585	25.434	ppbv		99
52) Tetrachloroethene	11.52	164	1316218	25.098	ppbv		97
53) Toluene	10.10	91	3919724	26.113	ppbv		99
54) 1,2-Dibromoethane	10.91	107	2215656	25.666	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.43	131	1703930	12.326	ppbv		90
57) Chlorobenzene	12.46	112	3182457	12.778	ppbv		98
58) Ethyl Benzene	13.02	91	5801761	14.221	ppbv		99
59) m/p-Xylene	13.30	91	4362925	12.317	ppbv	#	18
60) o-Xylene	14.00	91	4820936	13.616	ppbv		99
61) Styrene	13.84	104	1186549	17.599	ppbv		99
62) Isopropylbenzene	14.98	105	6174013	13.577	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.99	83	3260614	11.978	ppbv		100
64) n-propylbenzene	15.87	120	1585866	14.344	ppbv		96
65) tert-Butylbenzene	17.06	119	5442709	13.915	ppbv		97
66) Benzyl Chloride	17.31	91	350423	9.943	ppbv	#	62
67) sec-Butylbenzene	17.61	105	7834159	13.903	ppbv		99
69) p-Isopropyltoluene	17.97	119	6475974	14.826	ppbv		99
70) n-Butylbenzene	18.86	91	6694892	14.719	ppbv		99
71) 2-Chlorotoluene	15.77	91	4769816	14.506	ppbv		98
72) 4-Ethyltoluene	16.15	105	5262363	14.543	ppbv		100
73) 1,3,5-Trimethylbenzene	16.31	105	4746377	14.329	ppbv		100
74) 1,2,4-Trimethylbenzene	17.08	105	5033368	13.613	ppbv		97
75) 1,3-Dichlorobenzene	17.32	146	3198986	14.107	ppbv		100
76) 1,4-Dichlorobenzene	17.47	146	3210799	14.596	ppbv		99
77) 1,2-Dichlorobenzene	18.14	146	3196091	14.314	ppbv		99
78) Hexachloro-1,3-Butadiene	23.68	225	1874780	21.864	ppbv		99
79) Naphthalene	22.59	128	4433775	21.304	ppbv		98
80) Naphthalene,2-methyl-	25.23	142	1431765	35.242	ppbv		98
81) 1,2,4-Trichlorobenzene	22.31	180	2195773	19.017	ppbv		100

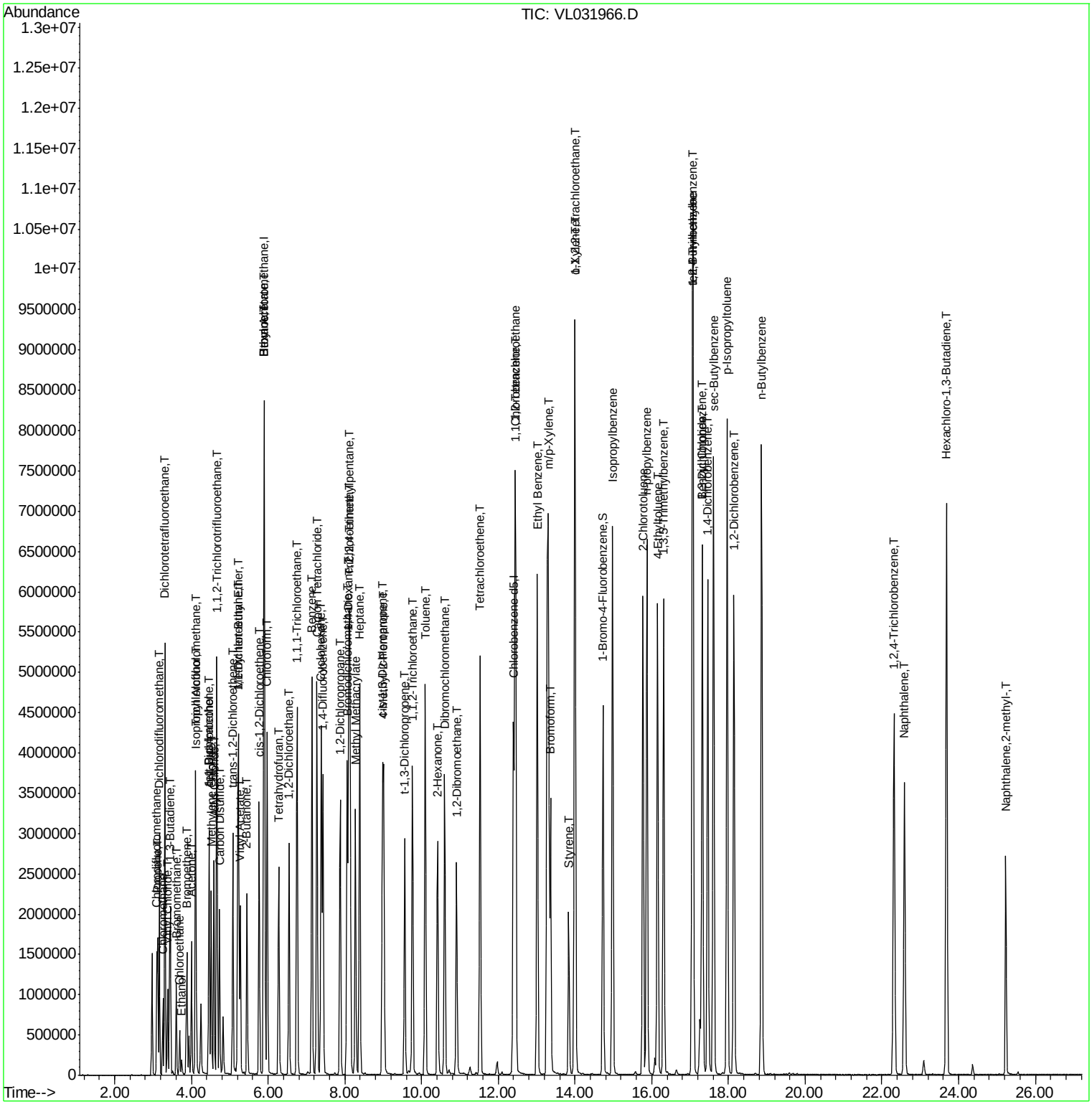
(#) = qualifier out of range (m) = manual integration (+) = signals summed

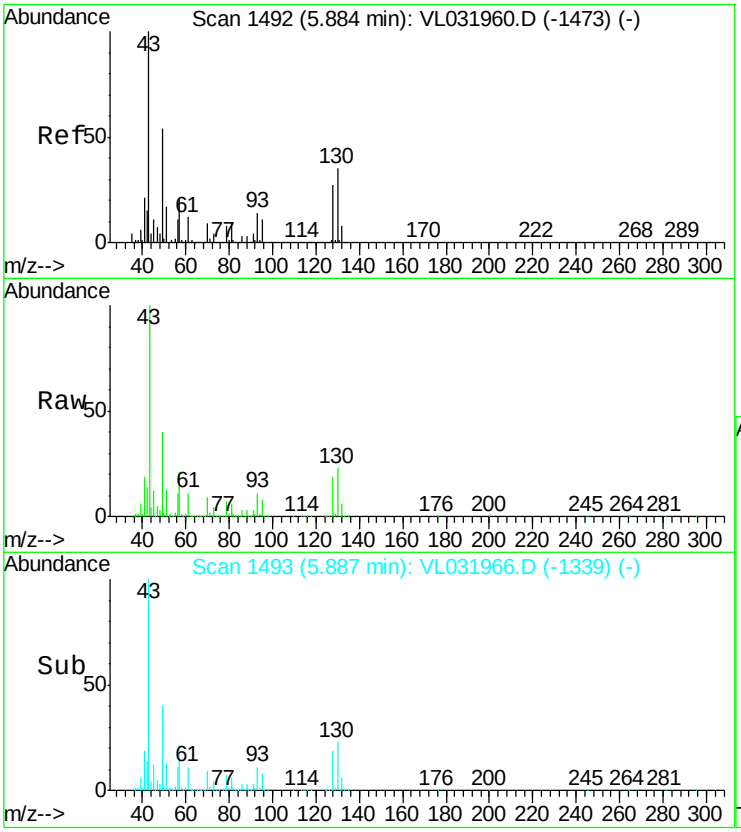
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\
Data File : VL031966.D
Acq On : 3 May 2018 15:21
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 03 15:48:42 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 12:00:23 2018
QLast Update : Thu May 03 12:00:23 2018
Response via : Initial Calibration



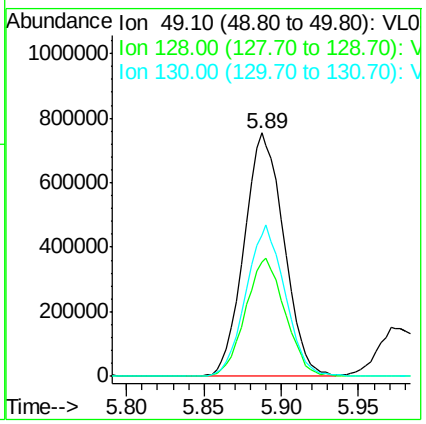


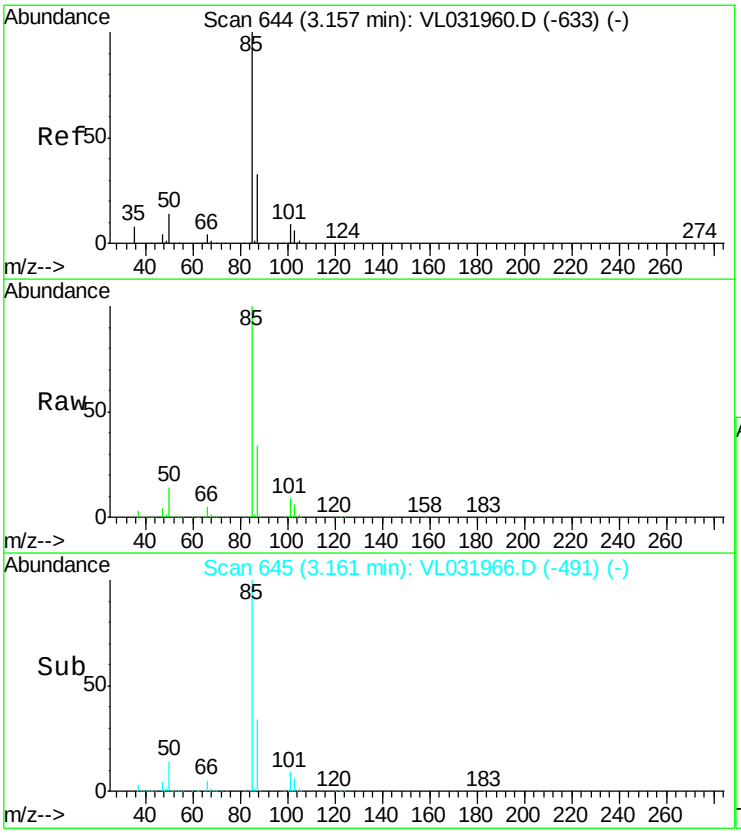
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.89 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1350413

Ion	Ratio	Lower	Upper
49	100		
128	48.5	23.9	71.7
130	61.4	30.9	92.7

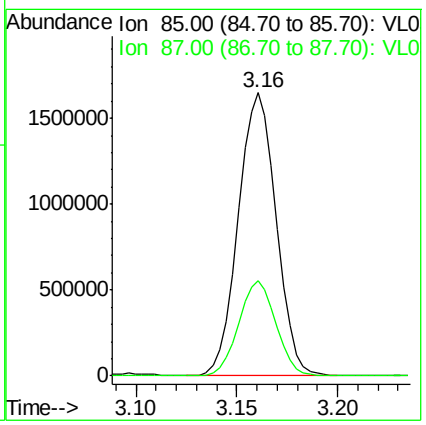


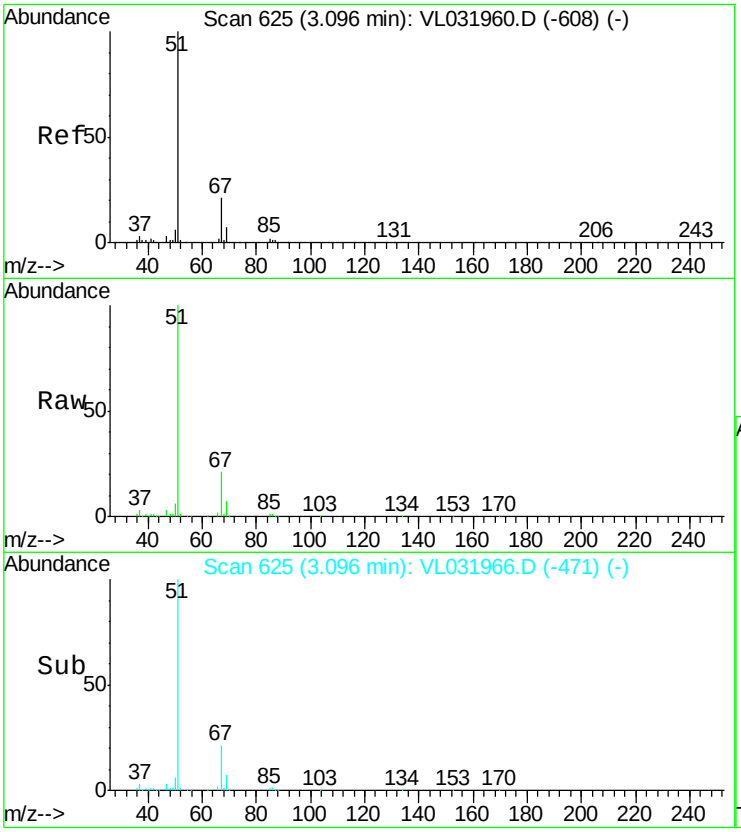


#2
Dichlorodifluoromethane
Concen: 7.799 ppbv
RT: 3.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 85 Resp: 2172294

Ion	Ratio	Lower	Upper
85	100		
87	33.7	25.9	38.9



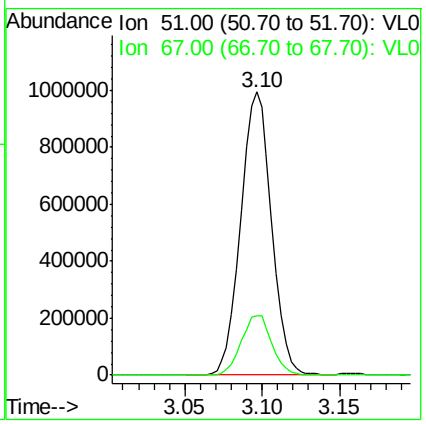


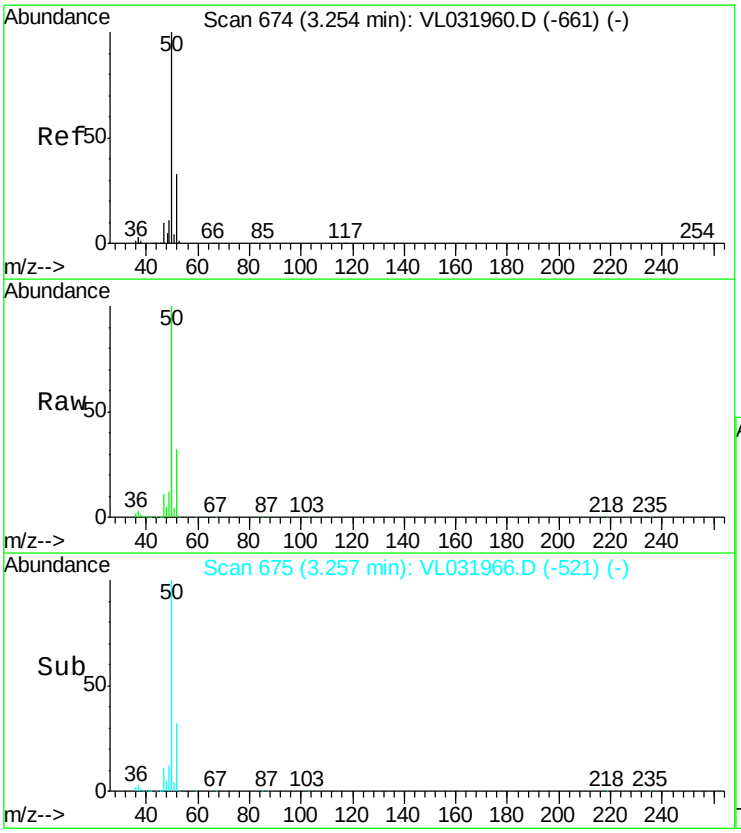
#3
Chlorodifluoromethane
Concen: 8.770 ppbv
RT: 3.10 min Scan# 625
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1377470

Ion	Ratio	Lower	Upper
51	100		
67	21.0	17.5	26.3

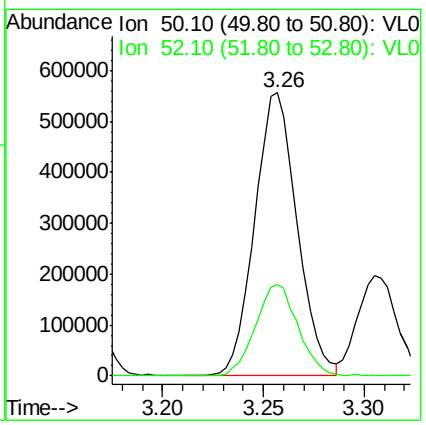


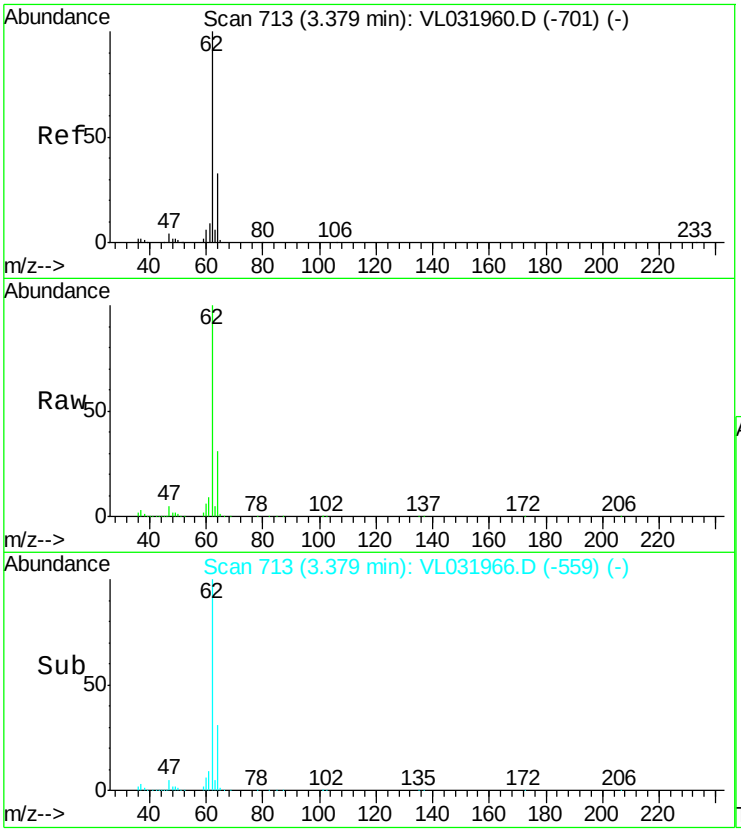


#4
Chloromethane
Concen: 10.204 ppbv
RT: 3.26 min Scan# 675
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 50 Resp: 818098

Ion	Ratio	Lower	Upper
50	100		
52	32.3	28.1	42.1



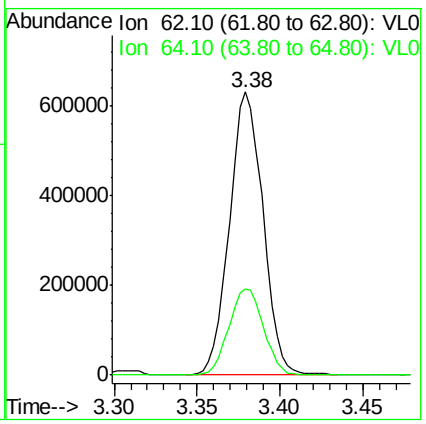


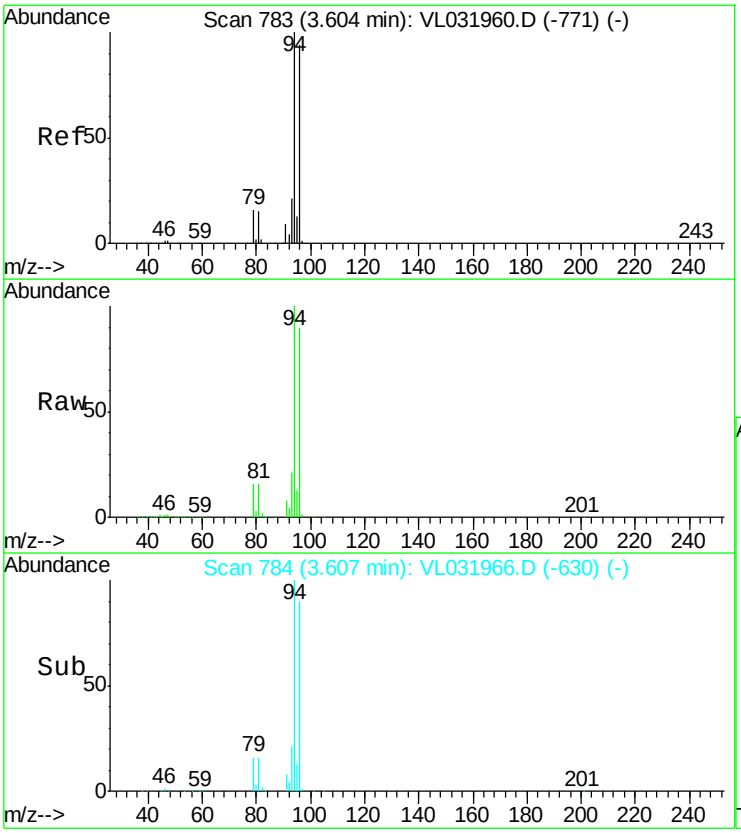
#5
Vinyl Chloride
Concen: 9.843 ppbv
RT: 3.38 min Scan# 713
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 888633

Ion	Ratio	Lower	Upper
62	100		
64	30.5	25.9	38.9

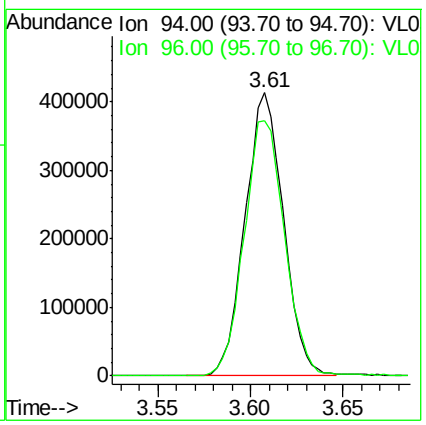


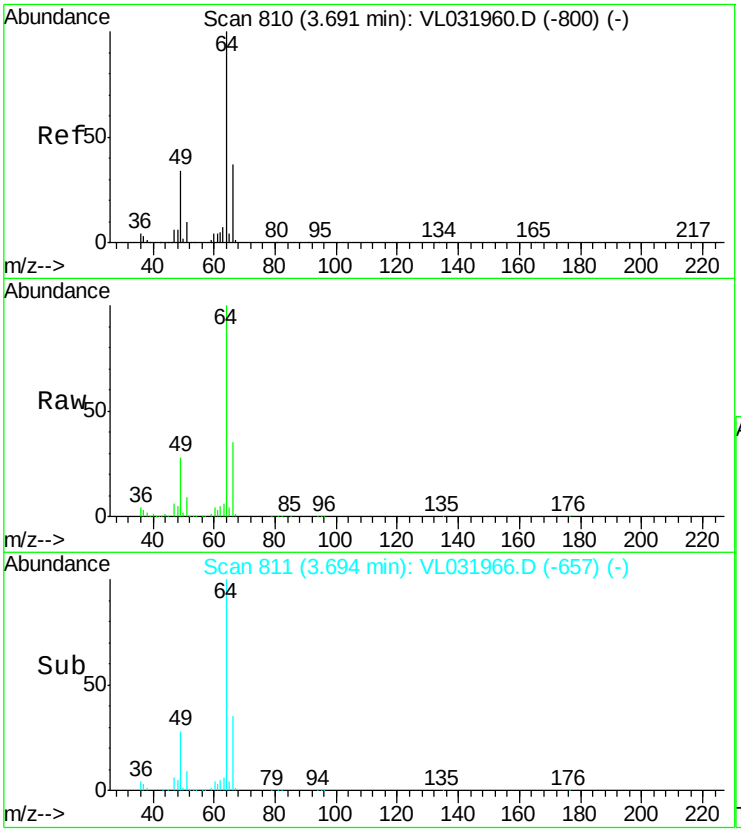


#6
Bromomethane
Concen: 10.024 ppbv
RT: 3.61 min Scan# 784
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 94 Resp: 594738

Ion	Ratio	Lower	Upper
94	100		
96	90.0	73.8	110.6

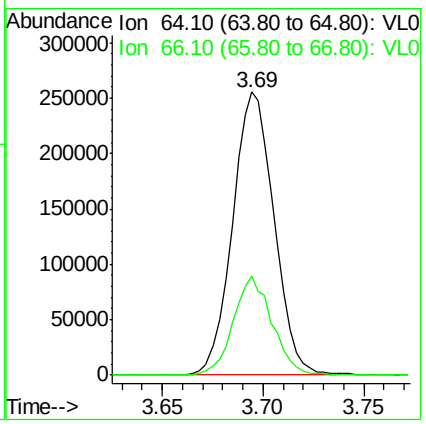




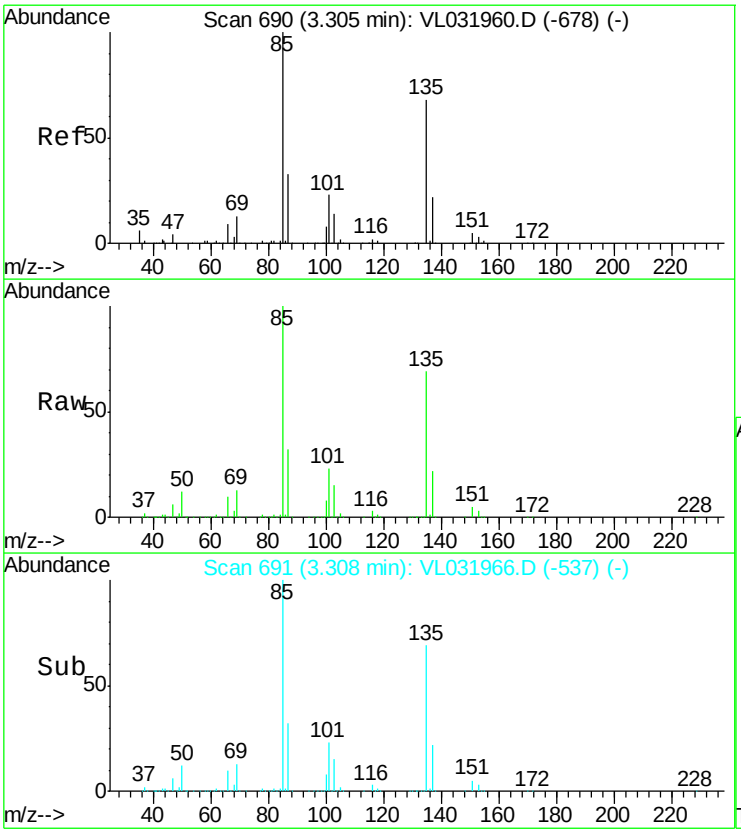
#7
Chloroethane
Concen: 10.200 ppbv
RT: 3.69 min Scan# 811
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 64 Resp: 367083

Ion	Ratio	Lower	Upper
64	100		
66	35.1	23.4	35.0#



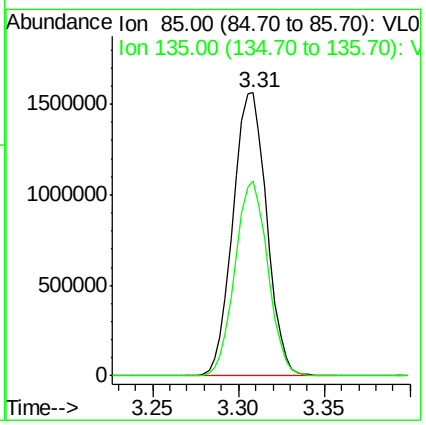
Instrument :
MSVOA_L
ClientSampleId :

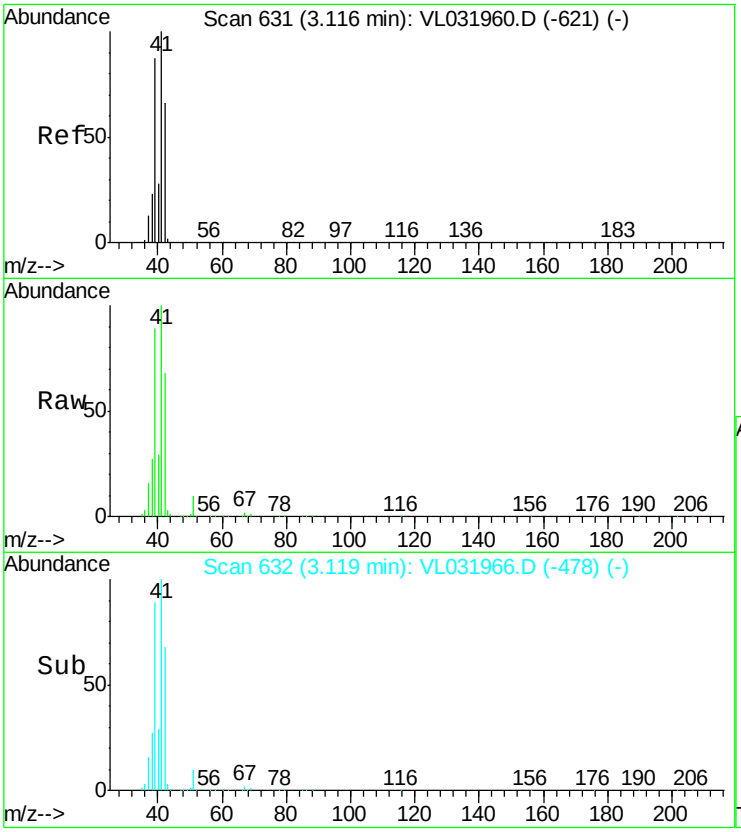


#8
Dichlorotetrafluoroethane
Concen: 9.332 ppbv
RT: 3.31 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 85 Resp: 2134318

Ion	Ratio	Lower	Upper
85	100		
135	67.3	52.7	79.1



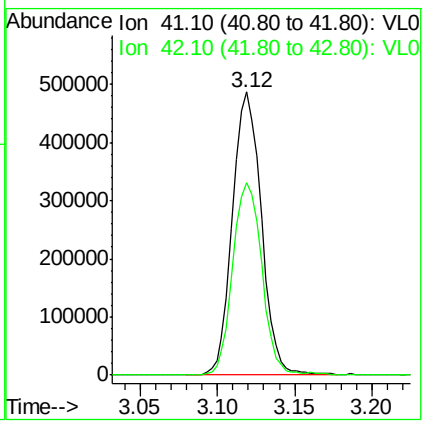


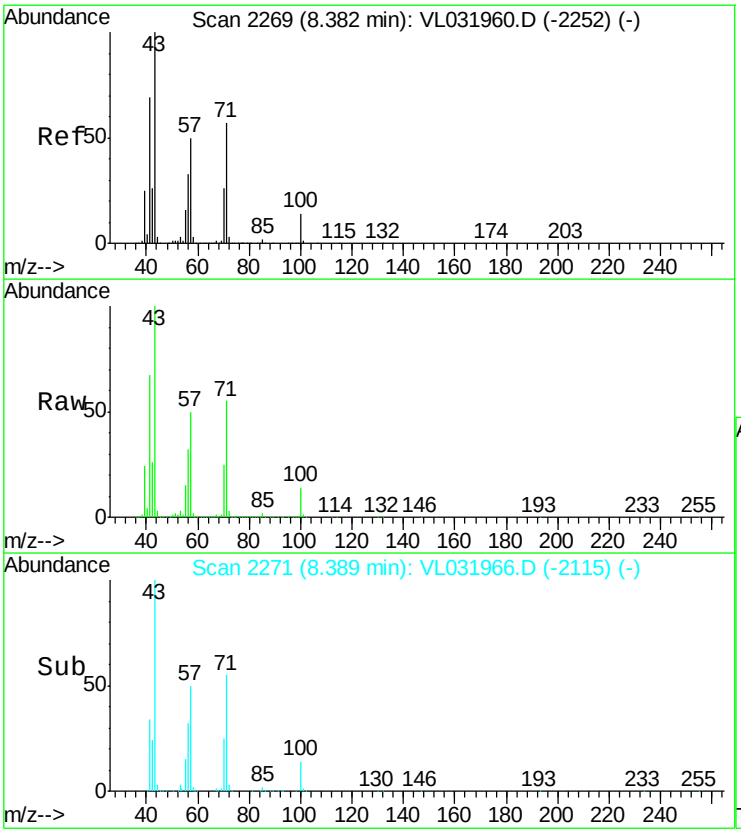
#9
Propene
Concen: 11.622 ppbv
RT: 3.12 min Scan# 632
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 631140

Ion	Ratio	Lower	Upper
41	100		
42	68.9	55.0	82.4

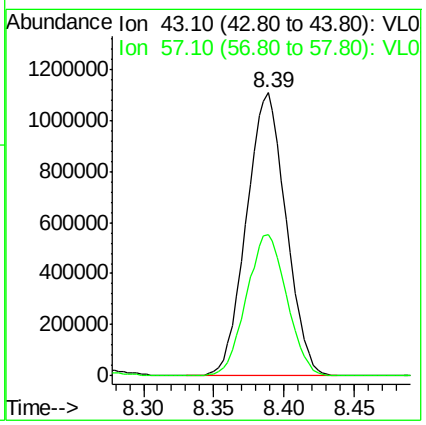


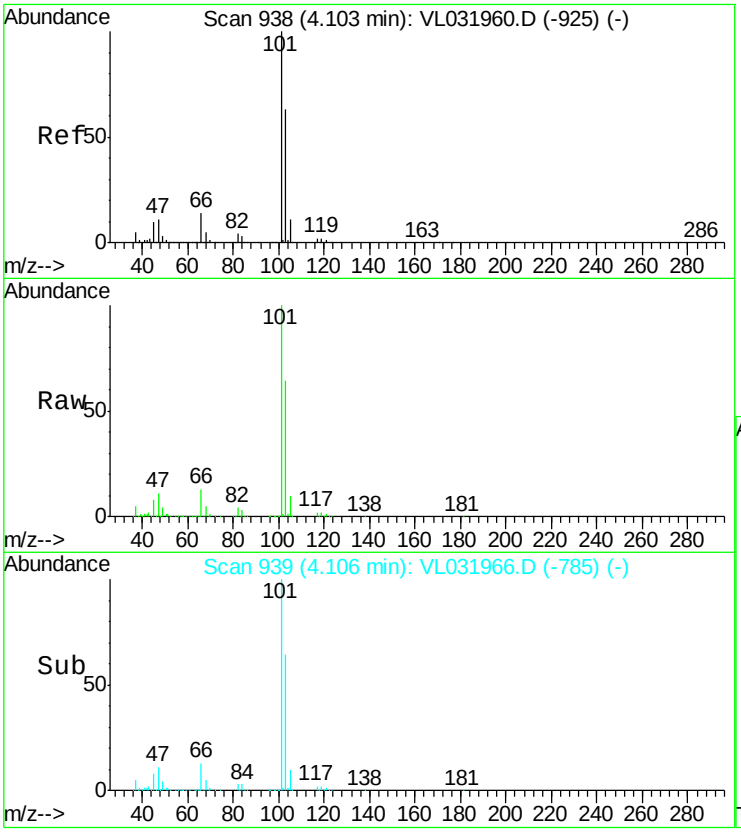


#10
Heptane
Concen: 12.319 ppbv
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 43 Resp: 2170550

Ion	Ratio	Lower	Upper
43	100		
57	51.1	41.5	62.3



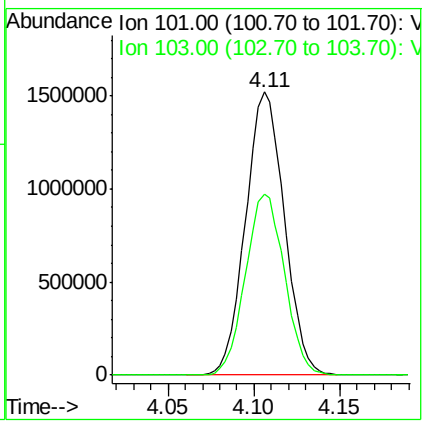


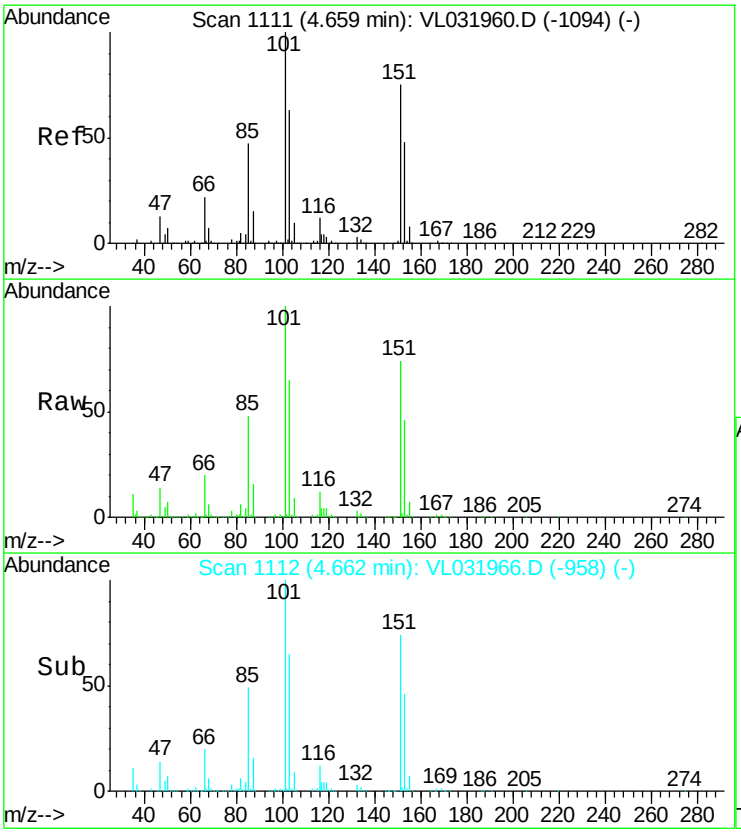
#11
Trichlorofluoromethane
Concen: 8.695 ppbv
RT: 4.11 min Scan# 939
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 2374350

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.8

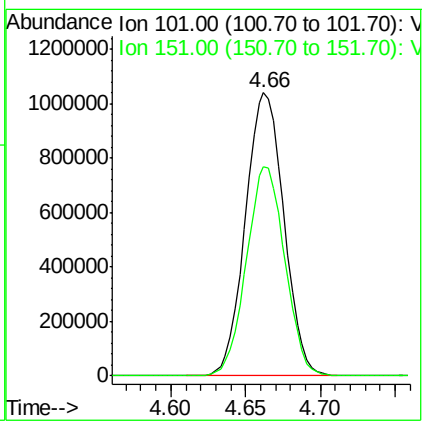


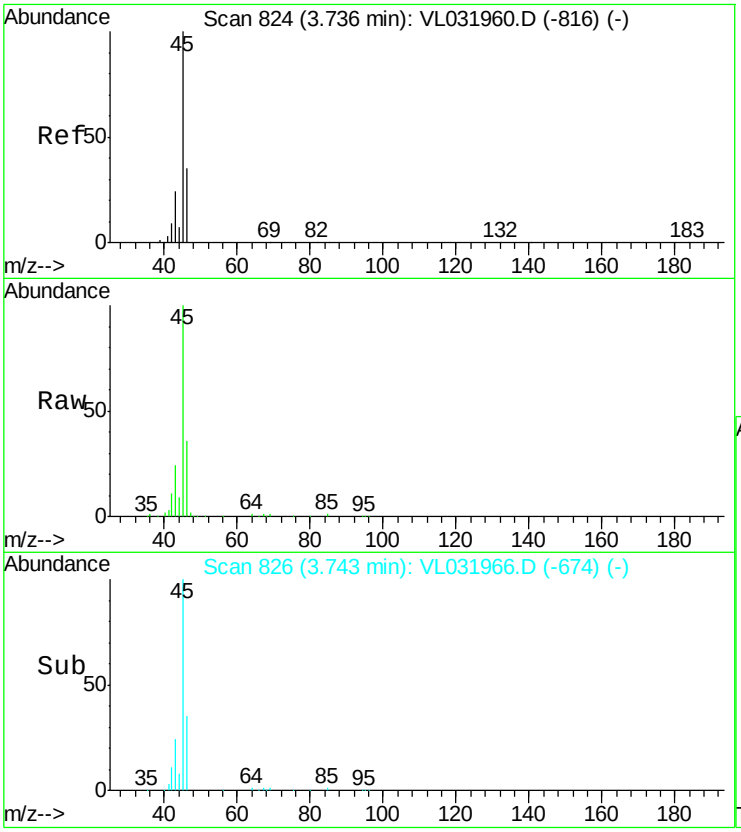


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.494 ppbv
RT: 4.66 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:101 Resp: 1862274

Ion	Ratio	Lower	Upper
101	100		
151	73.9	57.0	85.6



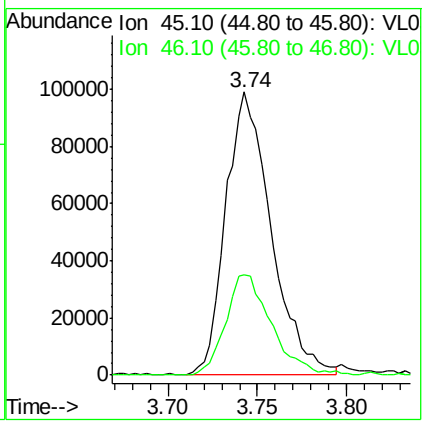


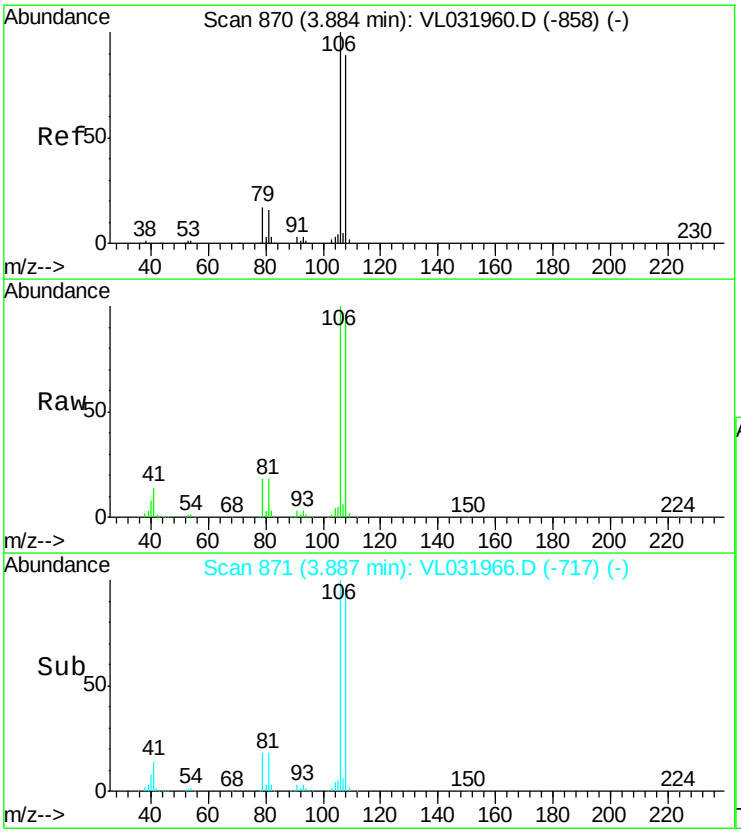
#13
Ethanol
Concen: 9.542 ppbv
RT: 3.74 min Scan# 826
Delta R.T. -0.01 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 175862

Ion	Ratio	Lower	Upper
45	100		
46	36.3	14.6	58.6

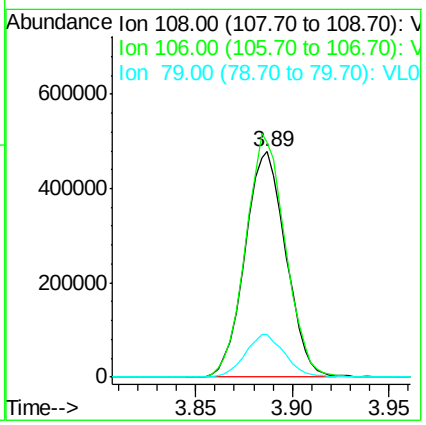


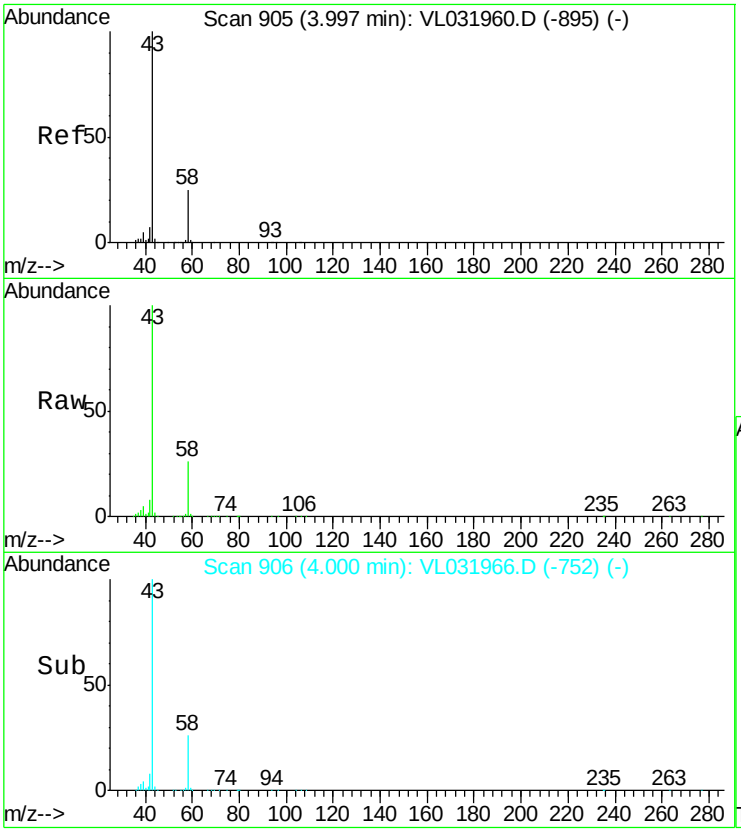


#14
Bromoethene
Concen: 10.525 ppbv
RT: 3.89 min Scan# 871
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:108 Resp: 704290

Ion	Ratio	Lower	Upper
108	100		
106	105.6	86.6	130.0
79	18.7	15.5	23.3



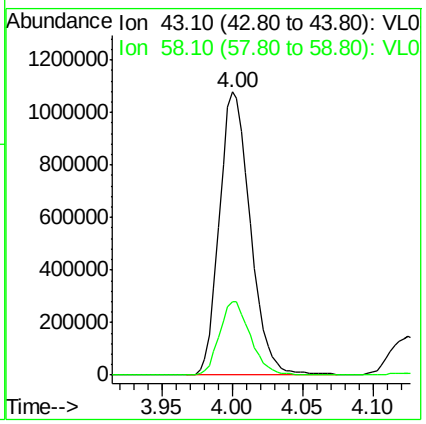


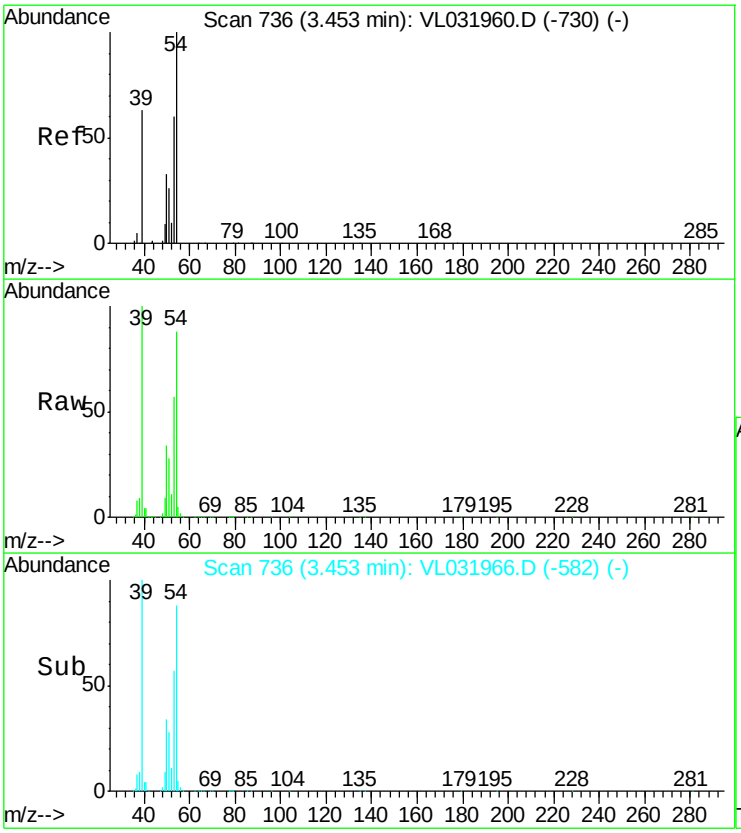
#15
Acetone
Concen: 7.950 ppbv
RT: 4.00 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1652178

Ion	Ratio	Lower	Upper
43	100		
58	26.1	20.9	31.3

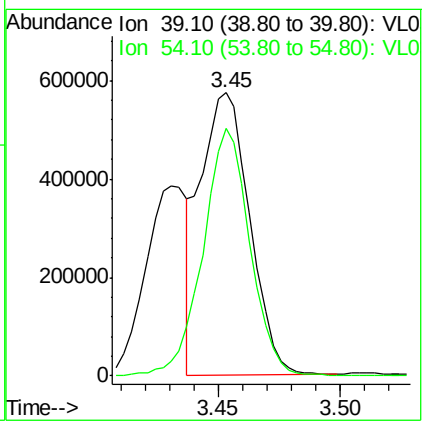


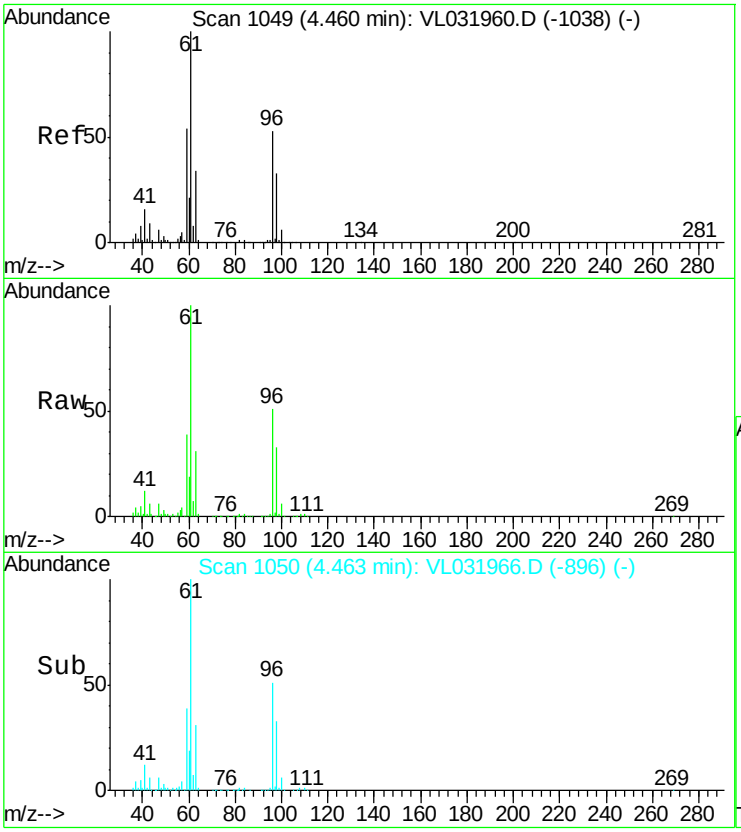


#16
1,3-Butadiene
Concen: 10.446 ppbv
RT: 3.45 min Scan# 736
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 39 Resp: 803313

Ion	Ratio	Lower	Upper
39	100		
54	84.4	63.3	94.9



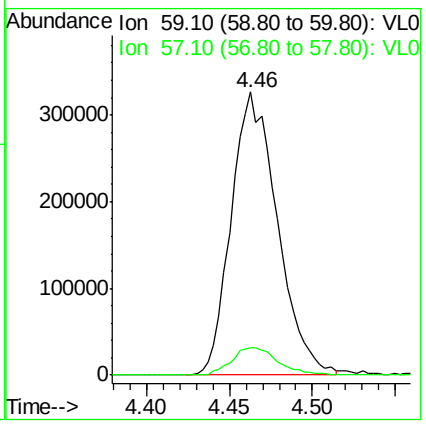


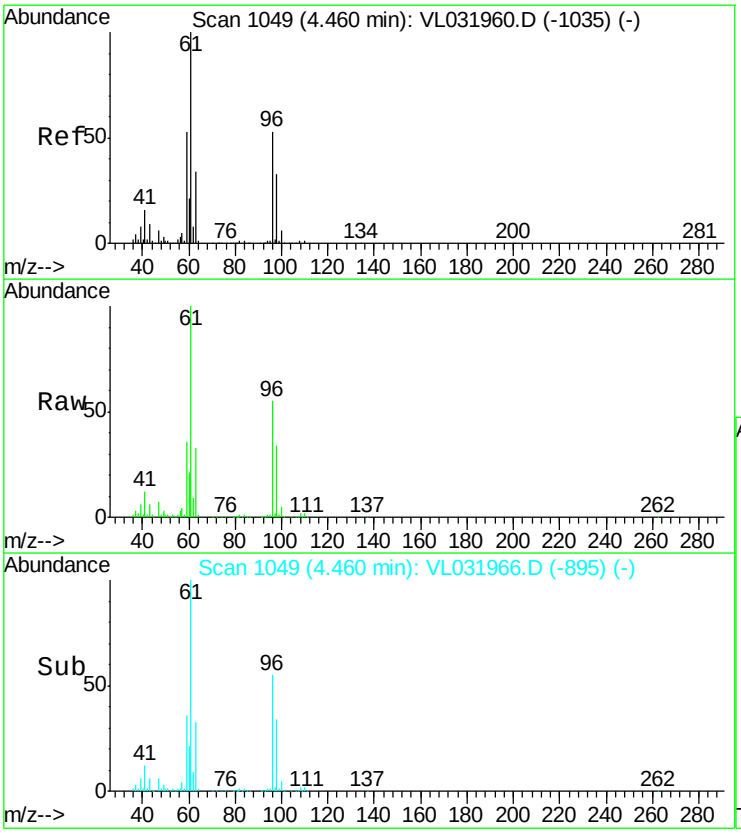
#17
tert-Butyl alcohol
Concen: 7.354 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 631673

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

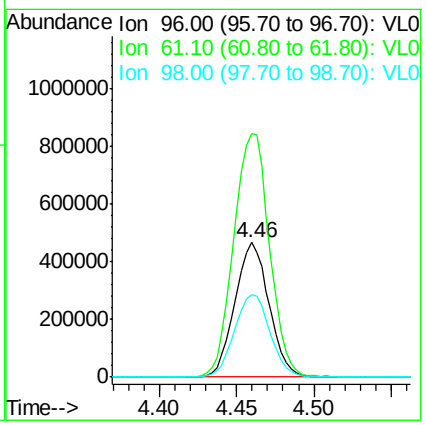


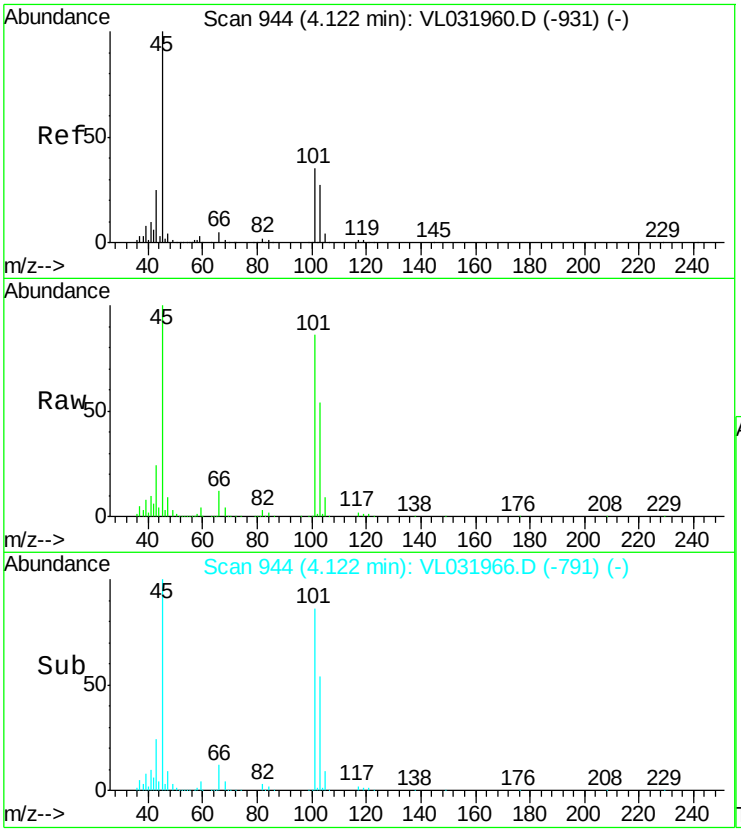


#18
1,1-Dichloroethene
Concen: 9.365 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 96 Resp: 713918

Ion	Ratio	Lower	Upper
96	100		
61	181.1	161.0	241.6
98	61.5	52.7	79.1



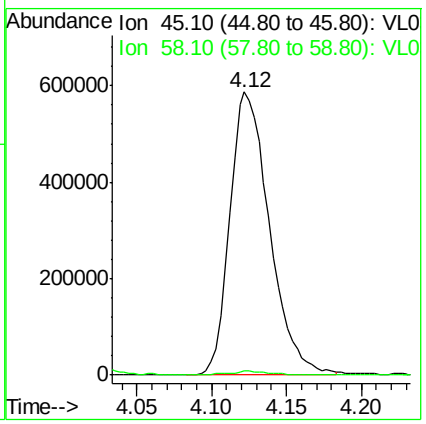


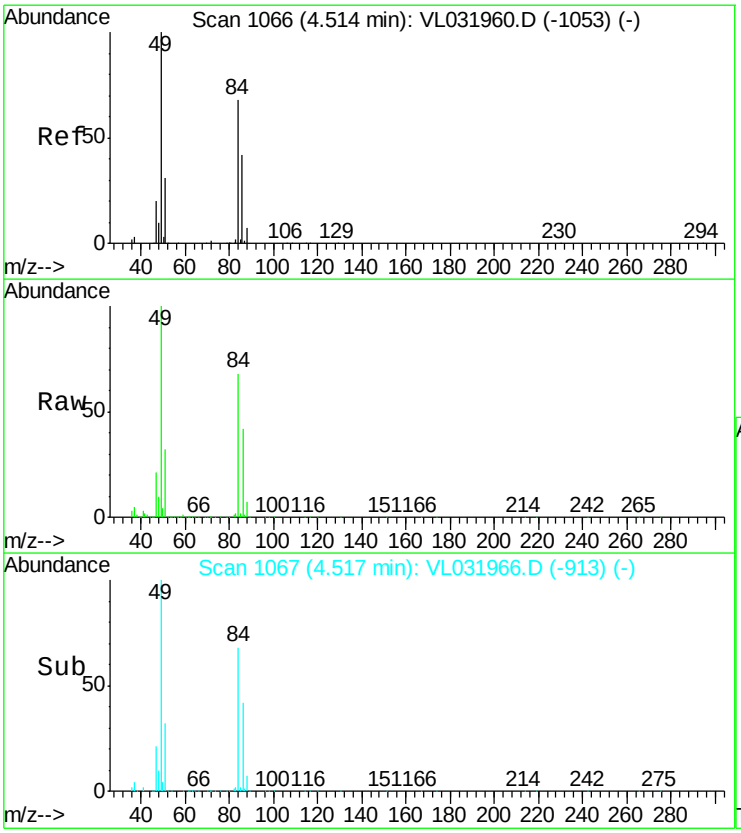
#19
Isopropyl Alcohol
Concen: 9.302 ppbv
RT: 4.12 min Scan# 944
Delta R.T. -0.01 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1079917

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.7	2.5#

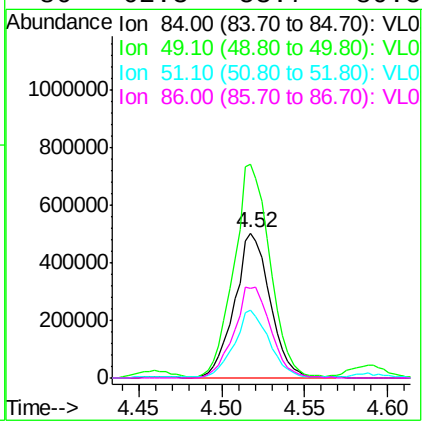


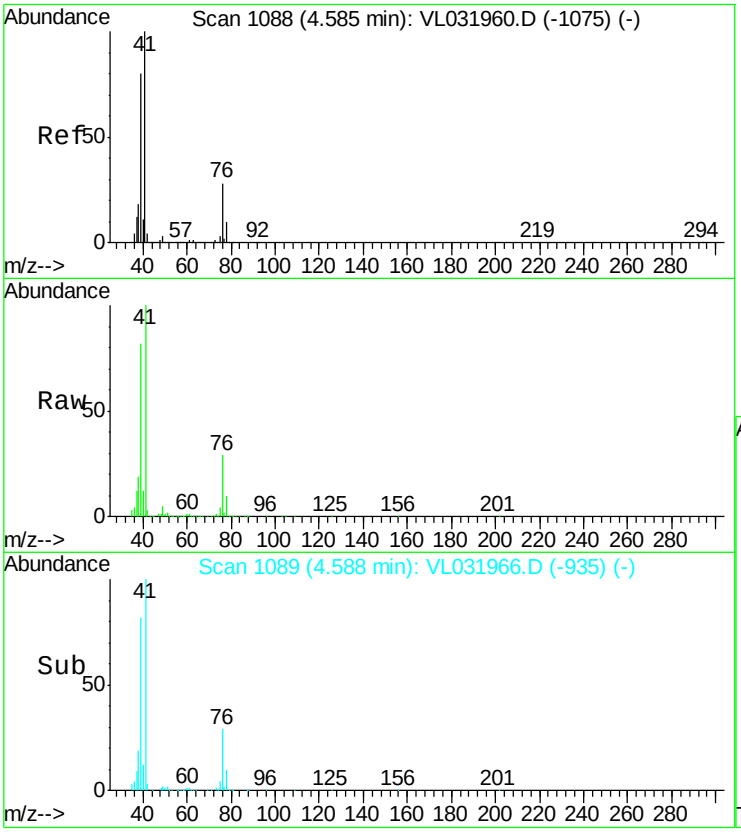


#20
Methylene Chloride
Concen: 9.852 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 84 Resp: 745779

Ion	Ratio	Lower	Upper
84	100		
49	146.4	125.6	188.4
51	46.1	36.4	54.6
86	62.3	53.7	80.5



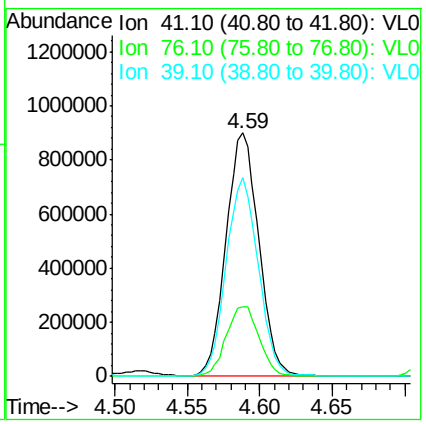


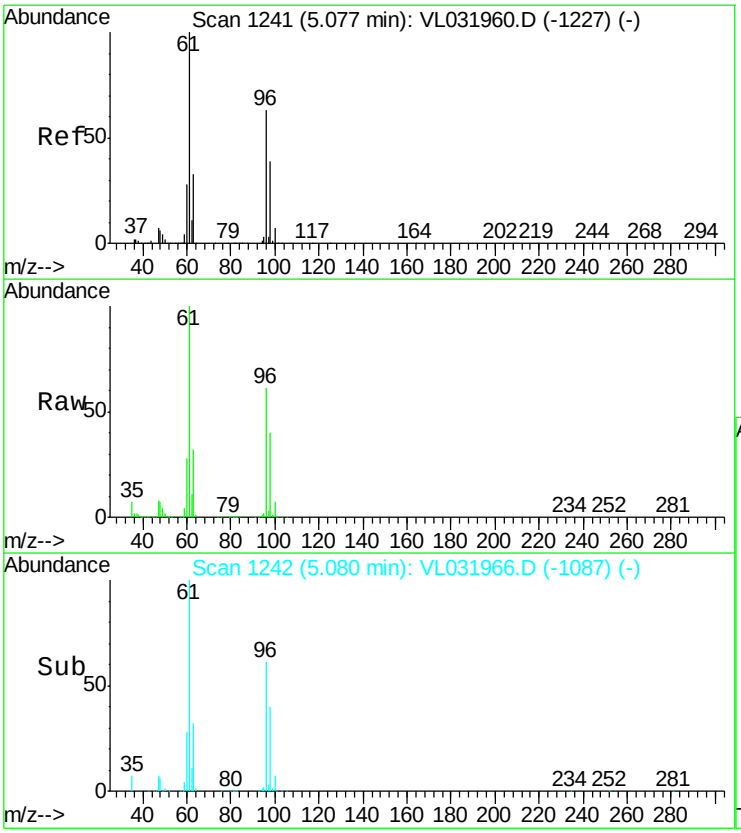
#21
Allvl Chloride
Concen: 11.895 ppbv
RT: 4.59 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 1412327

Ion	Ratio	Lower	Upper
41	100		
76	29.1	23.4	35.2
39	80.4	67.6	101.4

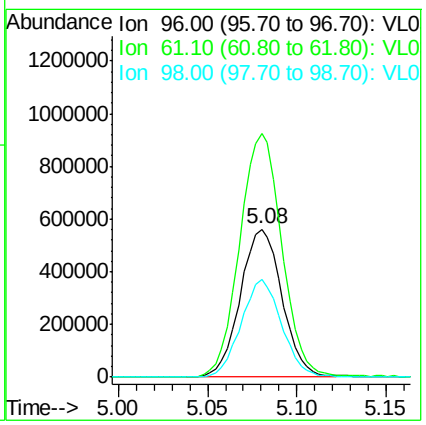


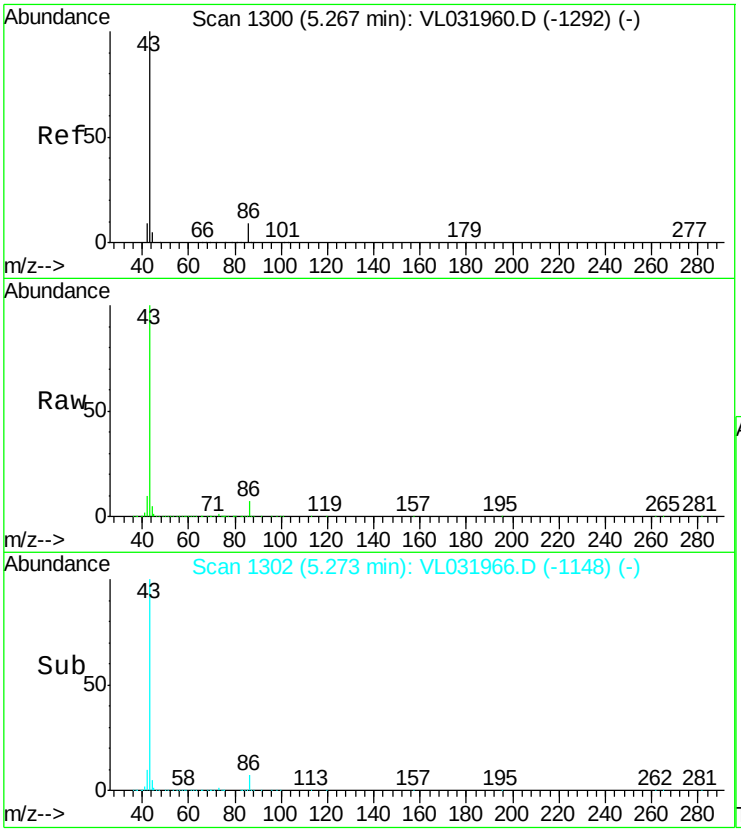


#22
trans-1,2-Dichloroethene
Concen: 11.611 ppbv
RT: 5.08 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 96 Resp: 917479

Ion	Ratio	Lower	Upper
96	100		
61	164.5	131.1	196.7
98	65.9	47.6	71.4



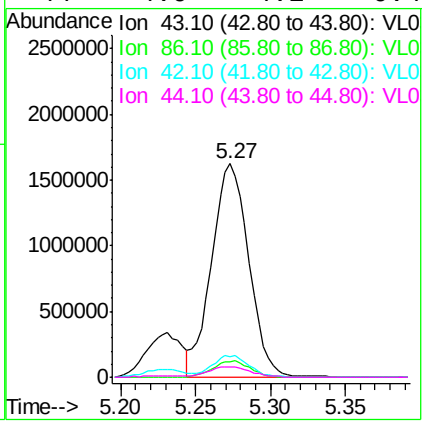


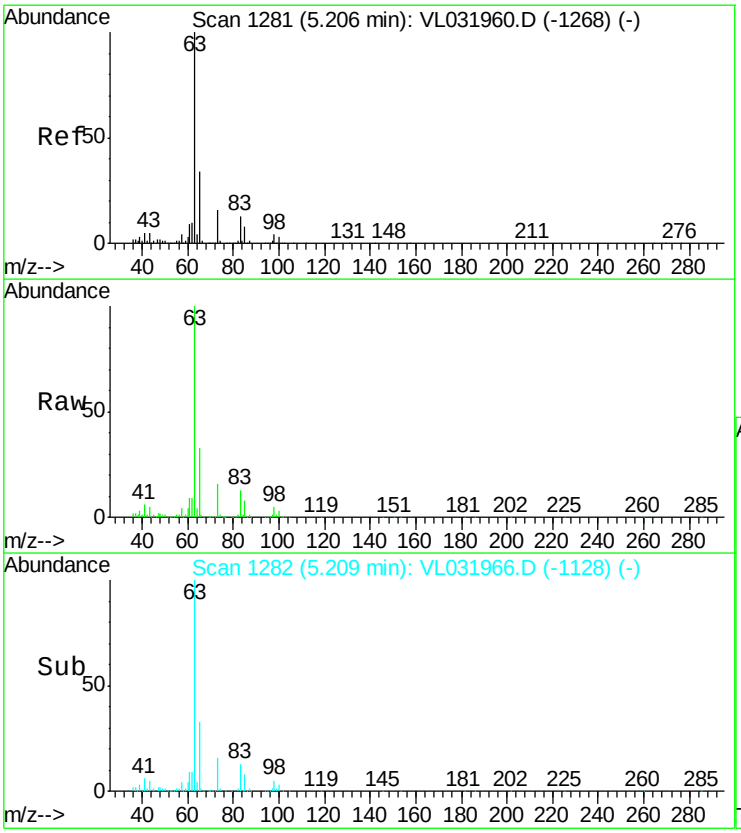
#23
Vinyl Acetate
Concen: 13.275 ppbv
RT: 5.27 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2797986

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.8	8.8
42	9.8	8.5	12.7
44	4.9	4.2	6.4

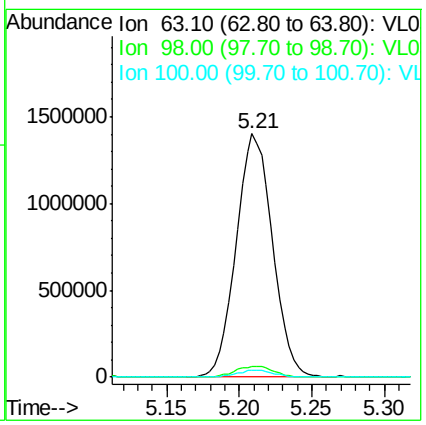


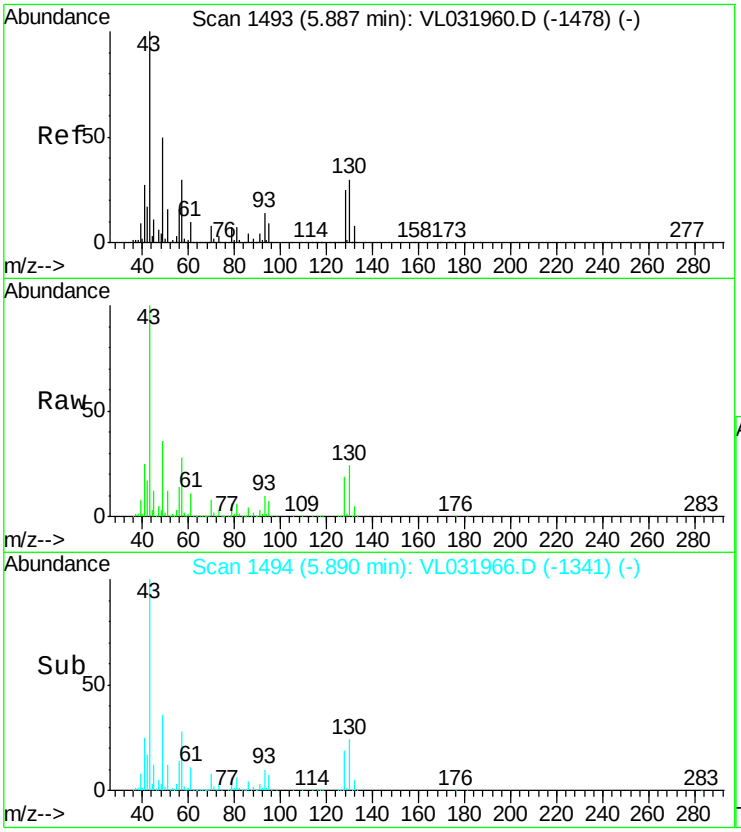


#24
1,1-Dichloroethane
Concen: 11.651 ppbv
RT: 5.21 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 63 Resp: 2446321

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.4	7.2
100	2.8	1.5	4.4



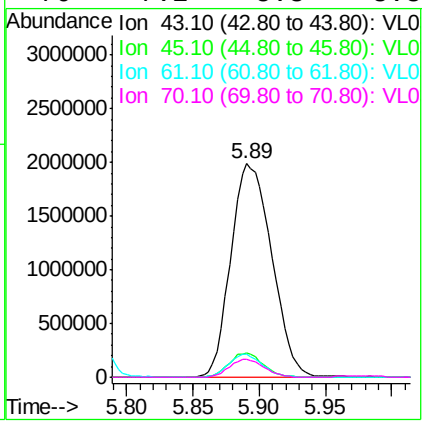


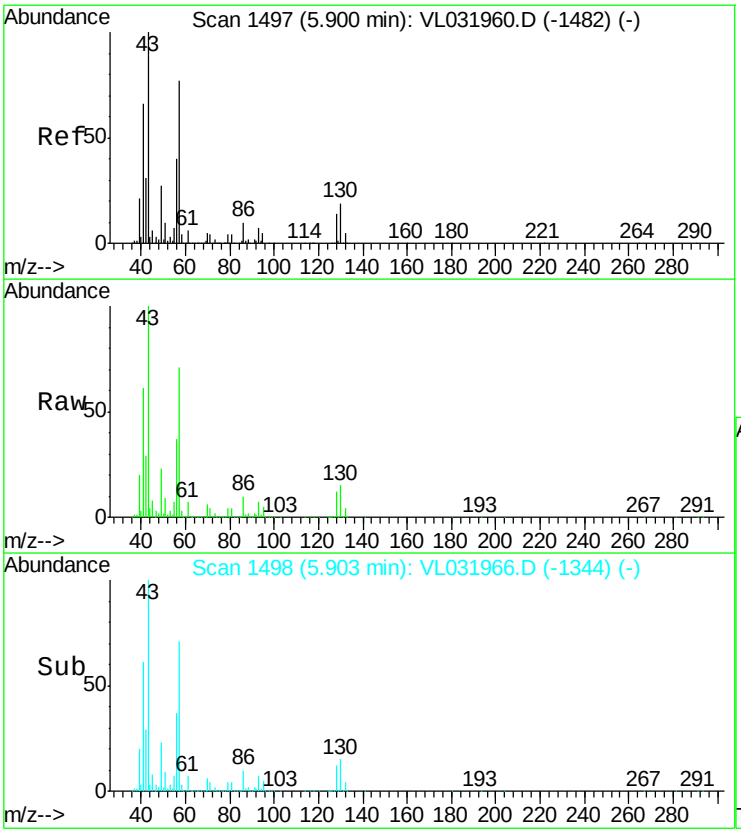
#25
Ethyl Acetate
Concen: 13.140 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 4259651

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	9.0	7.2	10.8
70	7.2	5.8	8.8

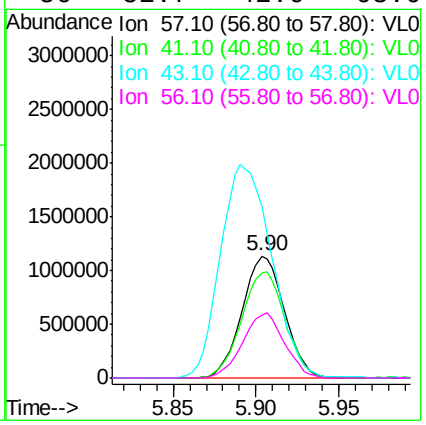


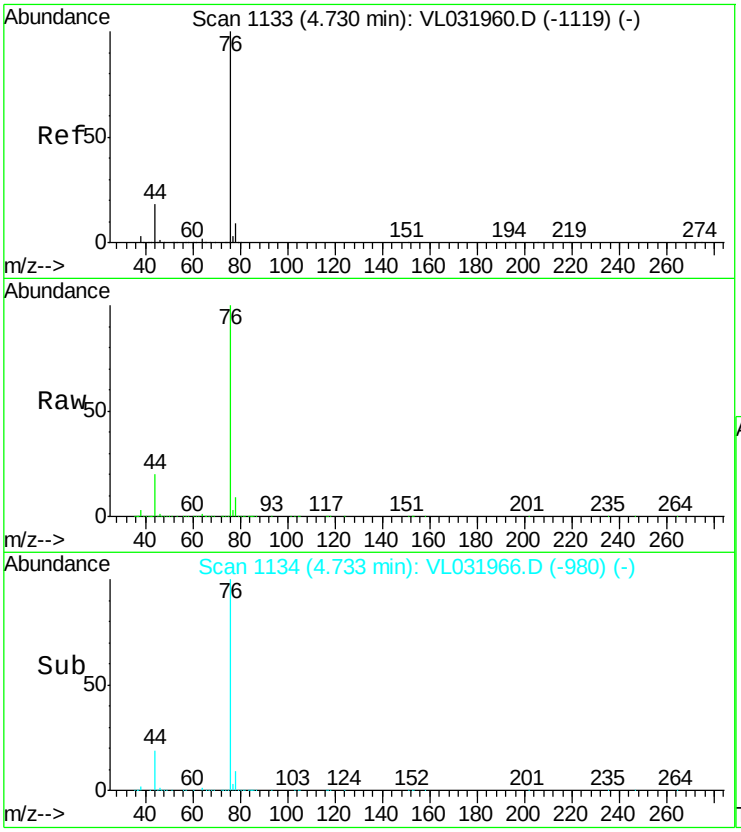


#26
Hexane
Concen: 13.294 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 57 Resp: 2009239

Ion	Ratio	Lower	Upper
57	100		
41	90.4	72.0	108.0
43	212.5	169.8	254.8
56	52.7	42.0	63.0



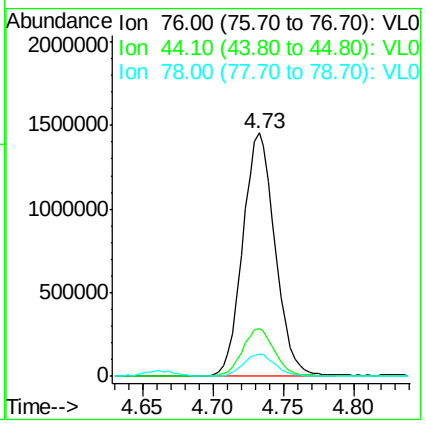


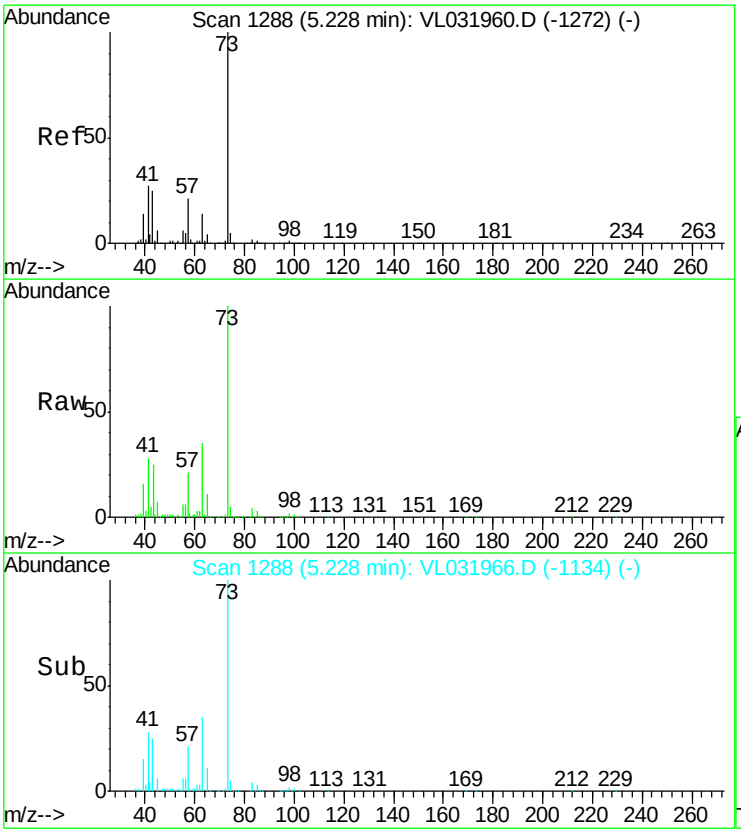
#27
Carbon Disulfide
Concen: 11.920 ppbv
RT: 4.73 min Scan# 1134
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 2338765

Ion	Ratio	Lower	Upper
76	100		
44	19.2	15.6	23.4
78	9.3	7.6	11.4

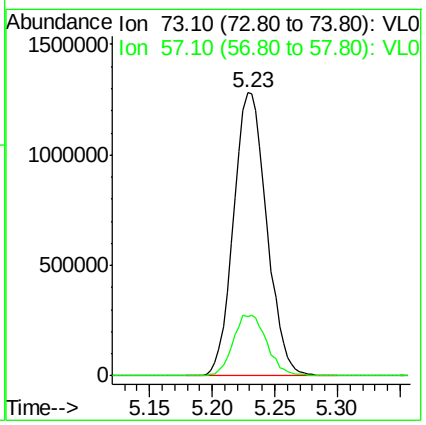


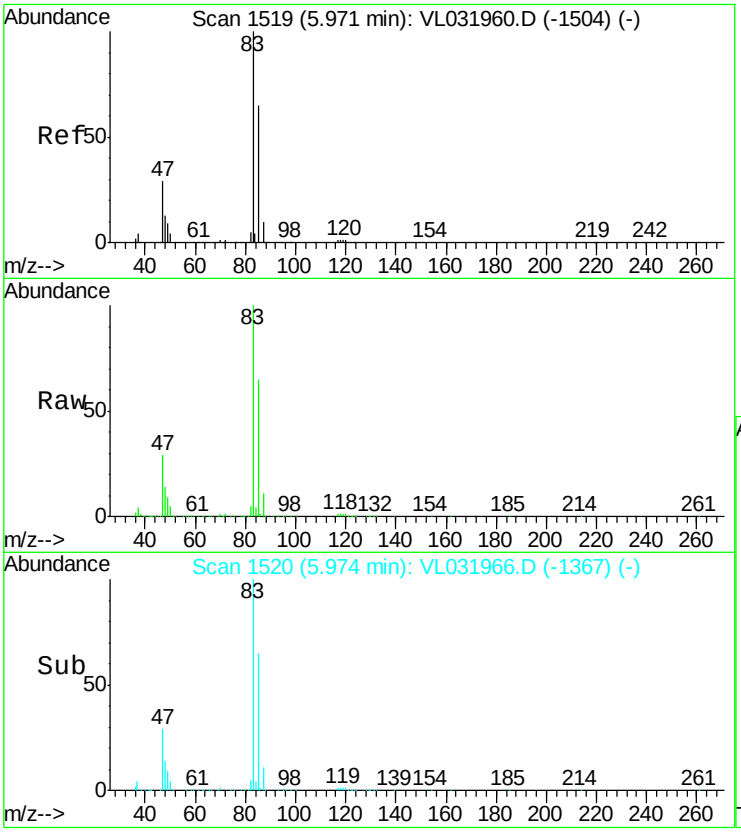


#28
Methyl tert-Butyl Ether
Concen: 12.665 ppbv
RT: 5.23 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 73 Resp: 2355435

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4



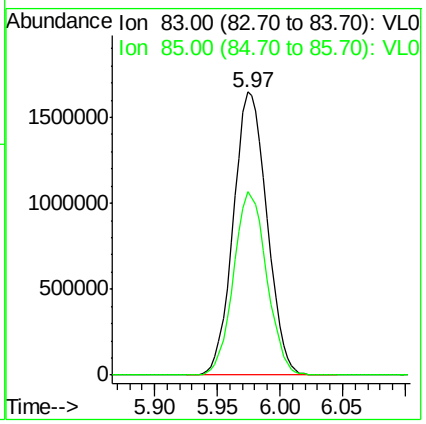


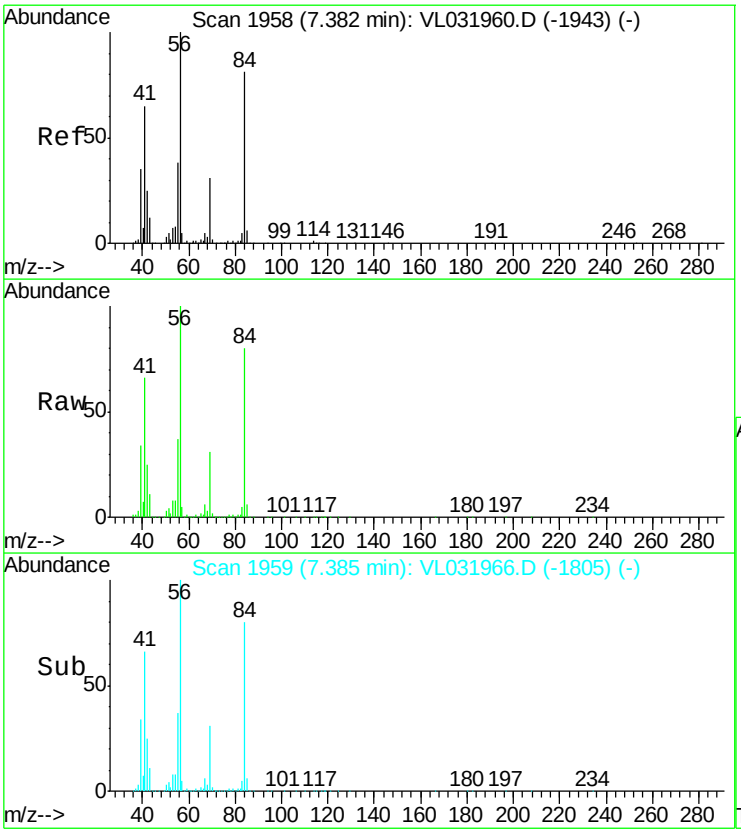
#29
Chloroform
Concen: 11.972 ppbv
RT: 5.97 min Scan# 1520
Delta R.T. -0.01 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 3067130

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0

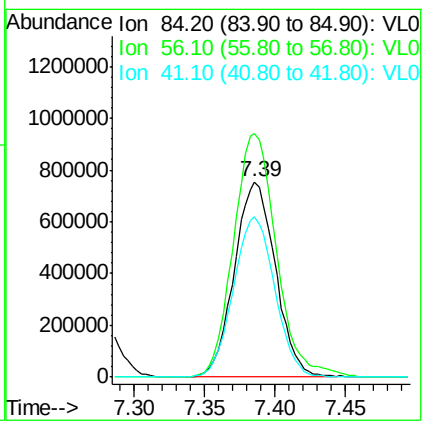


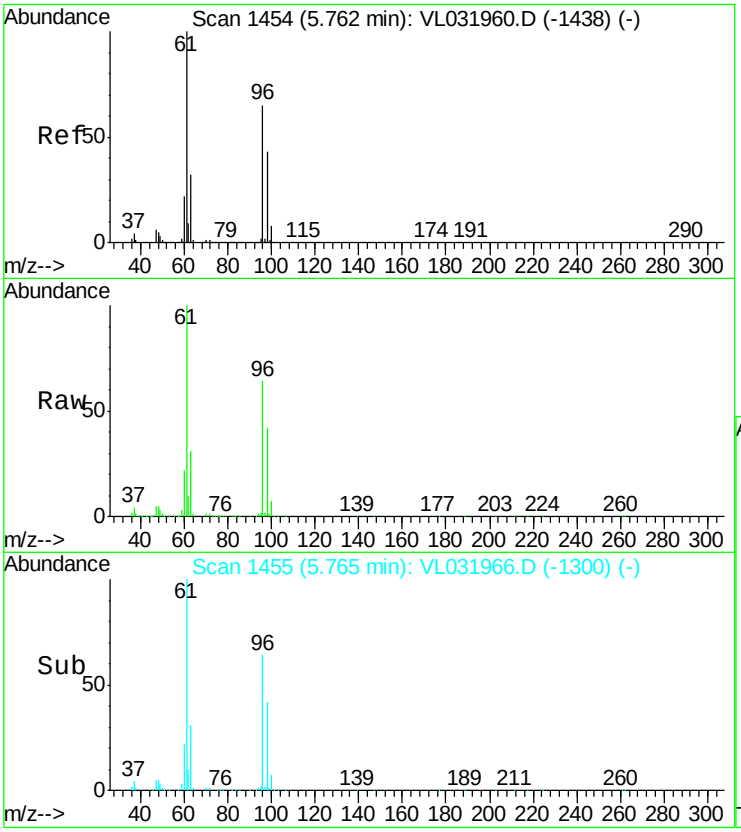


#30
Cyclohexane
Concen: 14.183 ppbv
RT: 7.39 min Scan# 1959
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 84 Resp: 1530753

Ion	Ratio	Lower	Upper
84	100		
56	131.8	107.7	161.5
41	83.0	68.2	102.2



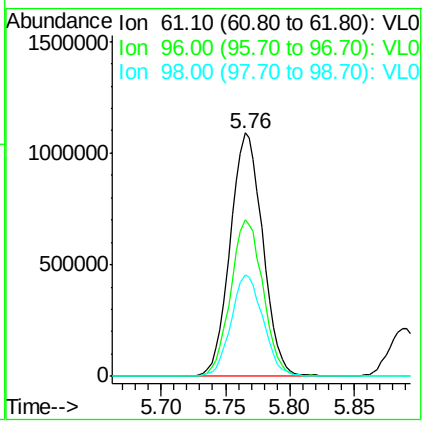


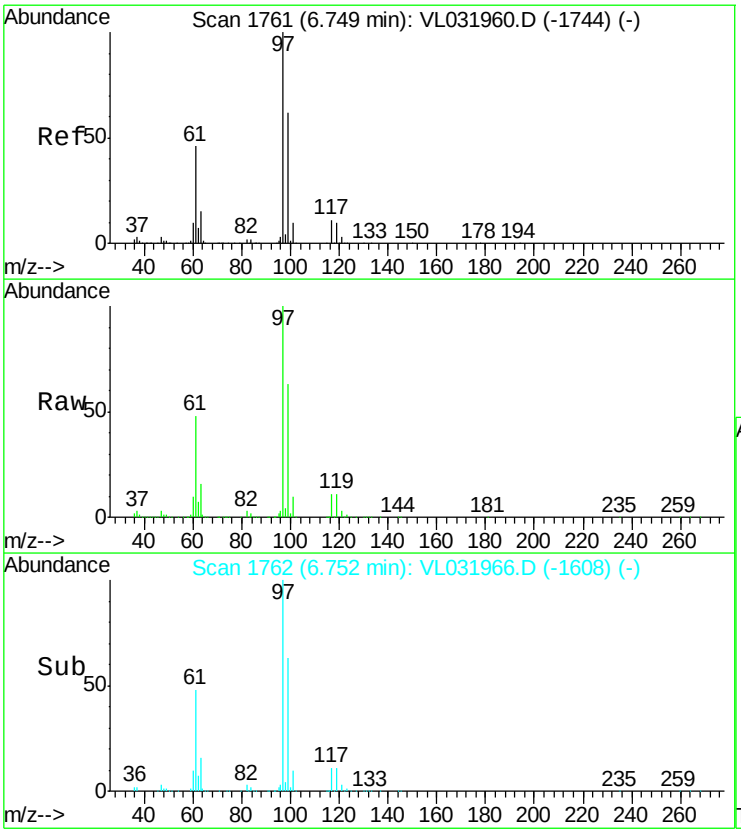
#31
cis-1,2-Dichloroethene
Concen: 13.974 ppbv
RT: 5.76 min Scan# 1455
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 1913117

Ion	Ratio	Lower	Upper
61	100		
96	64.3	47.6	71.4
98	42.0	30.3	45.5

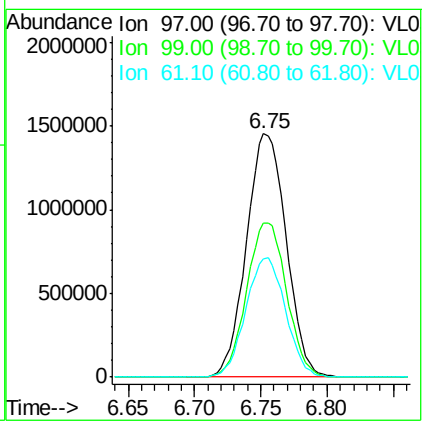


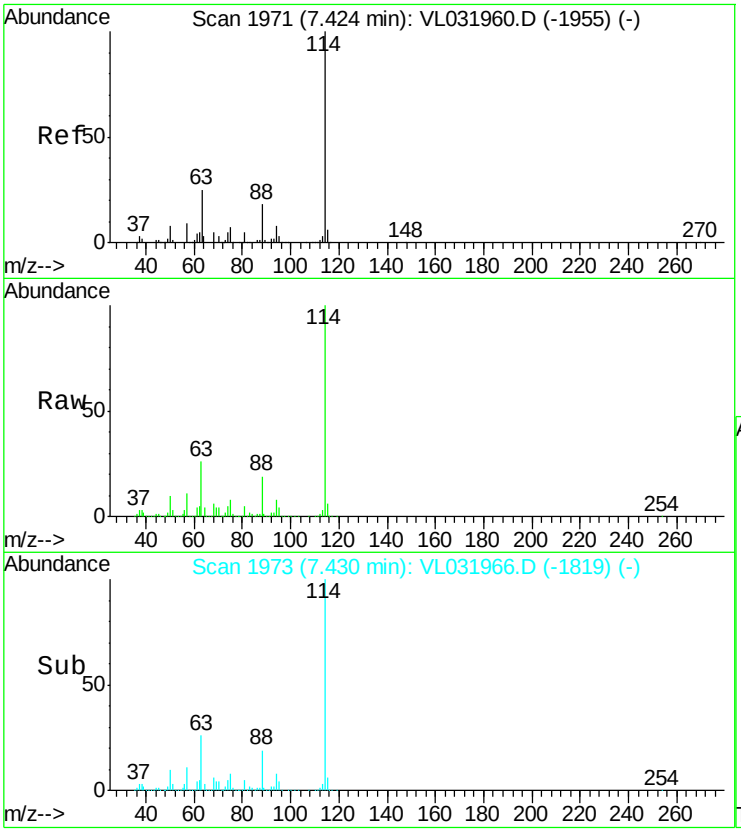


#32
1,1,1-Trichloroethane
Concen: 12.166 ppbv
RT: 6.75 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 97 Resp: 3035508

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.5	77.3
61	49.0	40.0	60.0



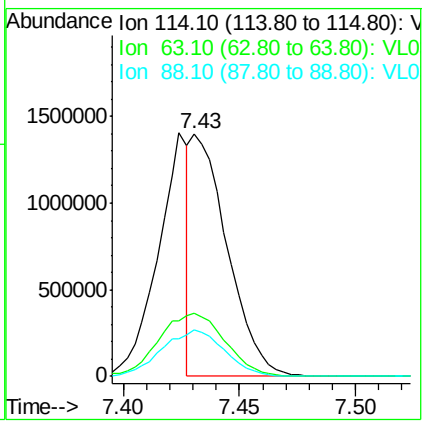


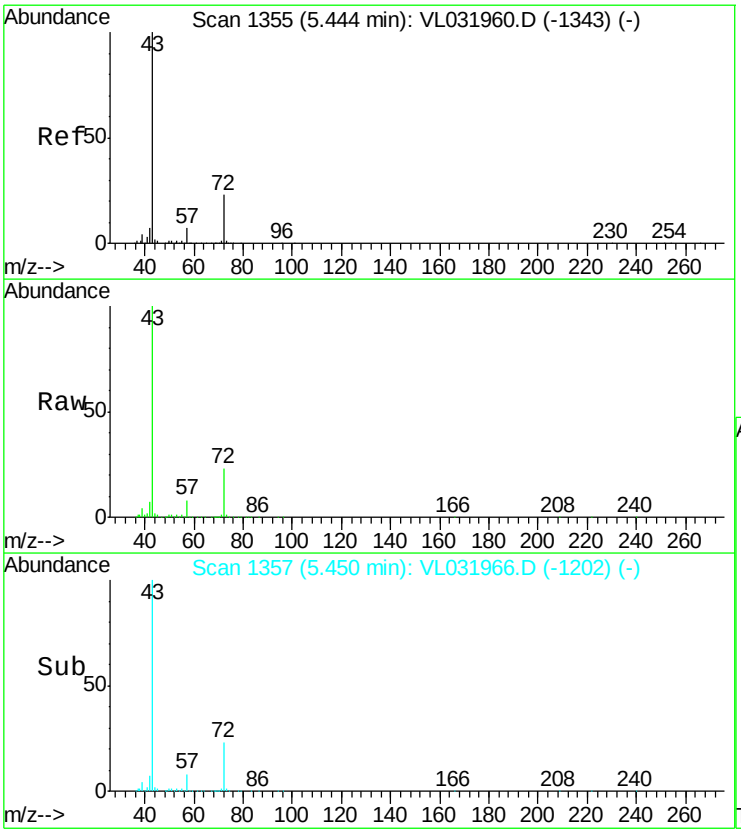
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 1496514

Ion	Ratio	Lower	Upper
114	100		
63	49.5	21.8	32.6#
88	33.8	14.6	22.0#

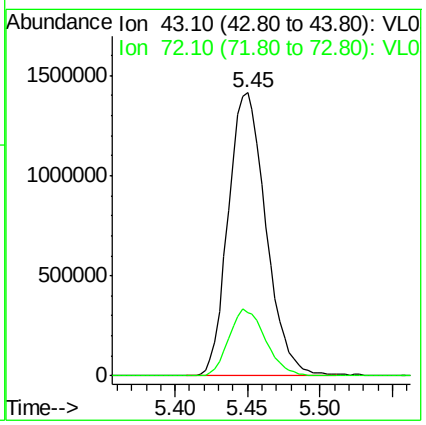


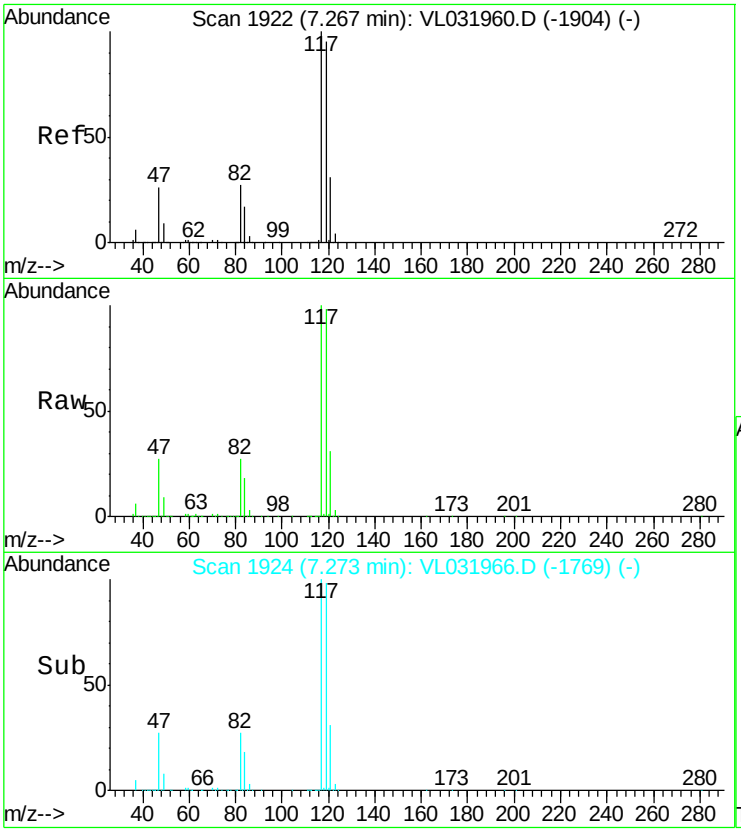


#34
2-Butanone
Concen: 24.529 ppbv
RT: 5.45 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 43 Resp: 2546525

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.6	27.8



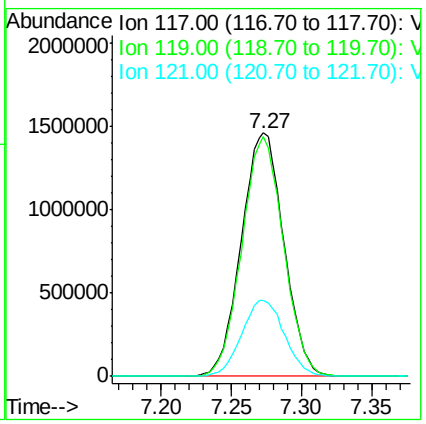


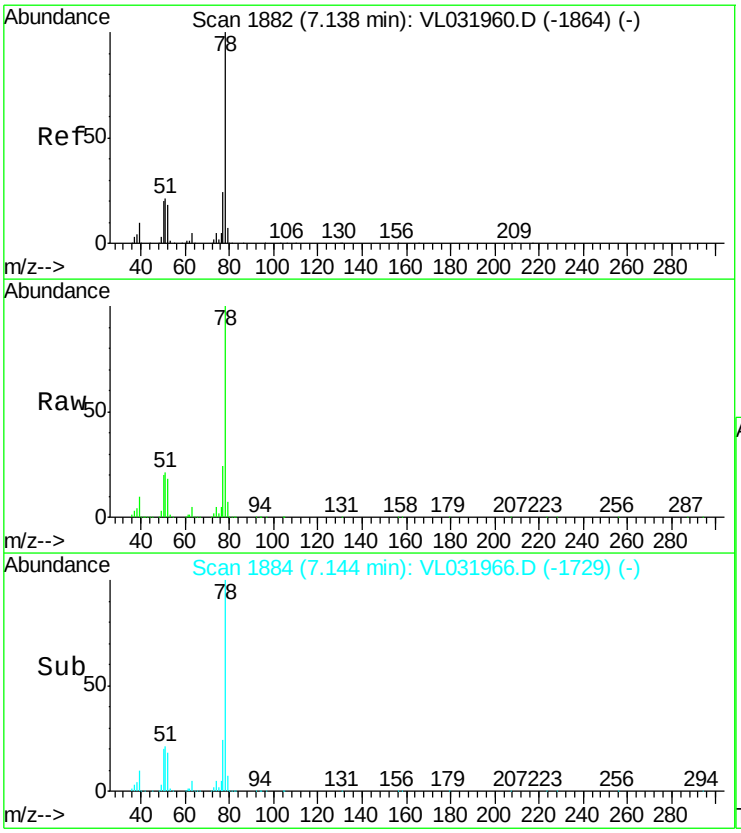
#35
Carbon Tetrachloride
Concen: 23.682 ppbv
RT: 7.27 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3078160

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.9	115.3
121	31.1	24.5	36.7

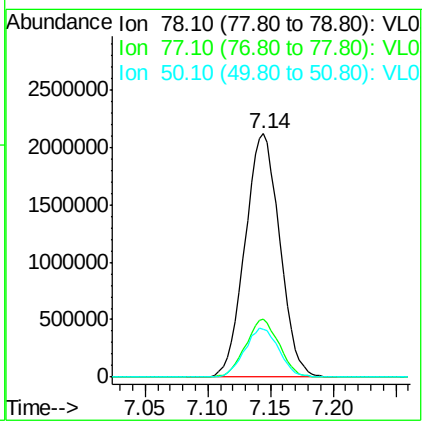


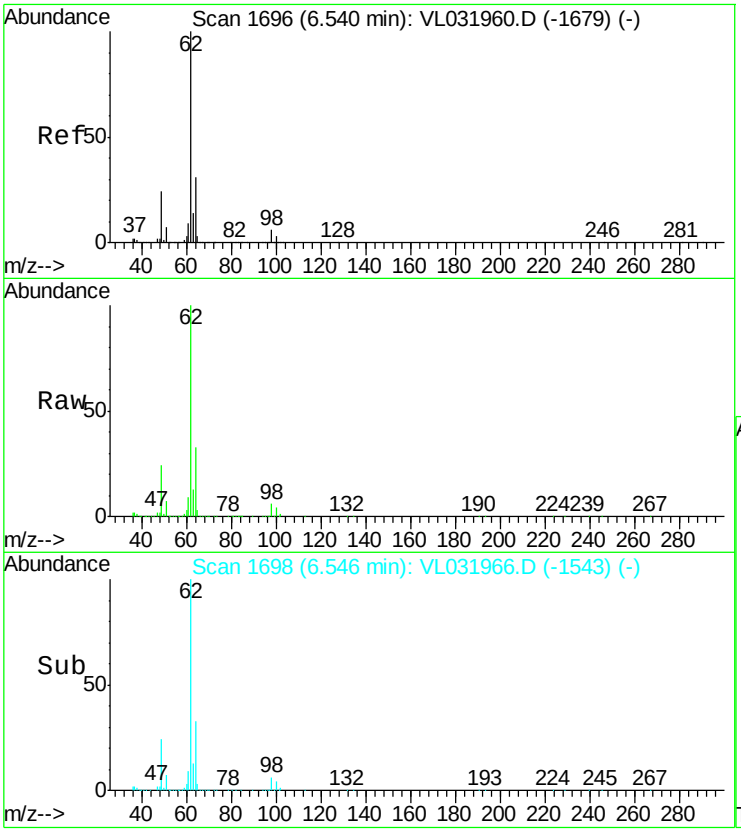


#36
Benzene
Concen: 30.303 ppbv
RT: 7.14 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 78 Resp: 4079062

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8
50	19.8	16.7	25.1



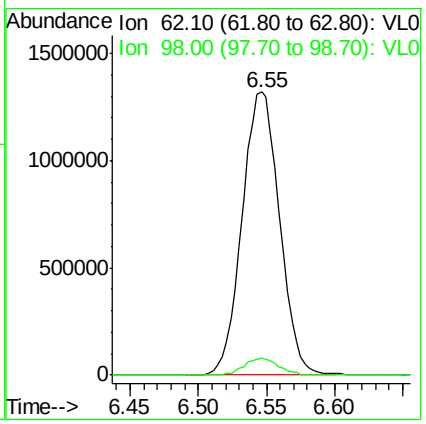


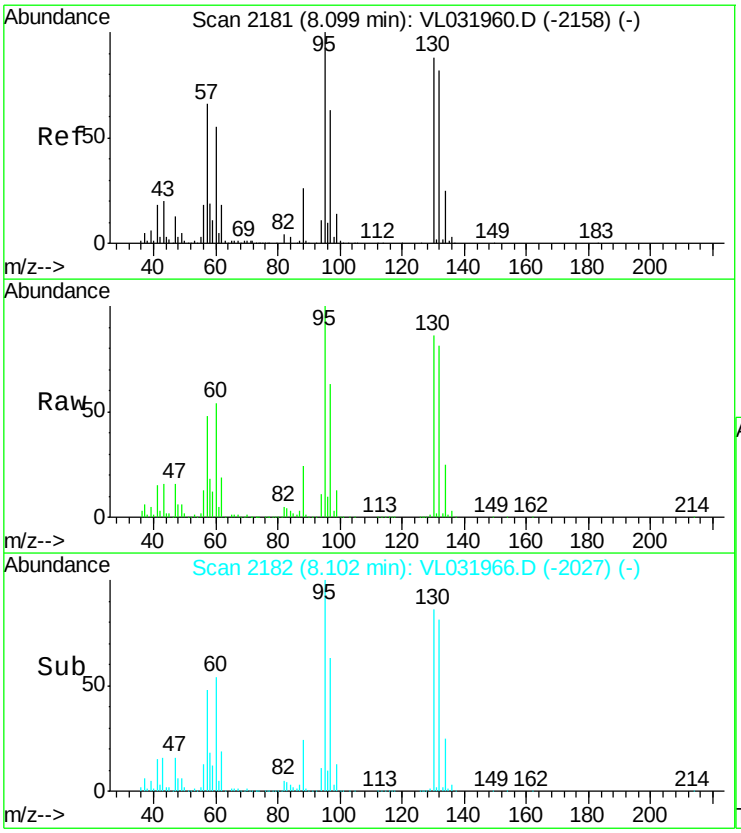
#37
1,2-Dichloroethane
Concen: 25.085 ppbv
RT: 6.55 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 2512378

Ion	Ratio	Lower	Upper
62	100		
98	5.7	4.0	6.0

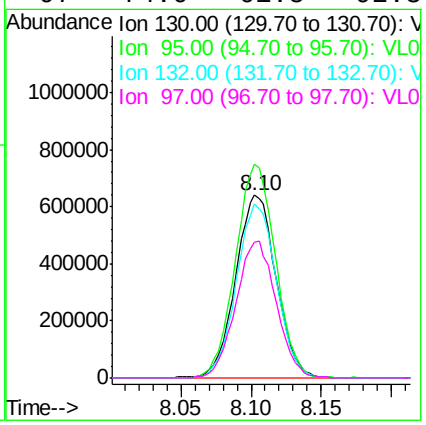


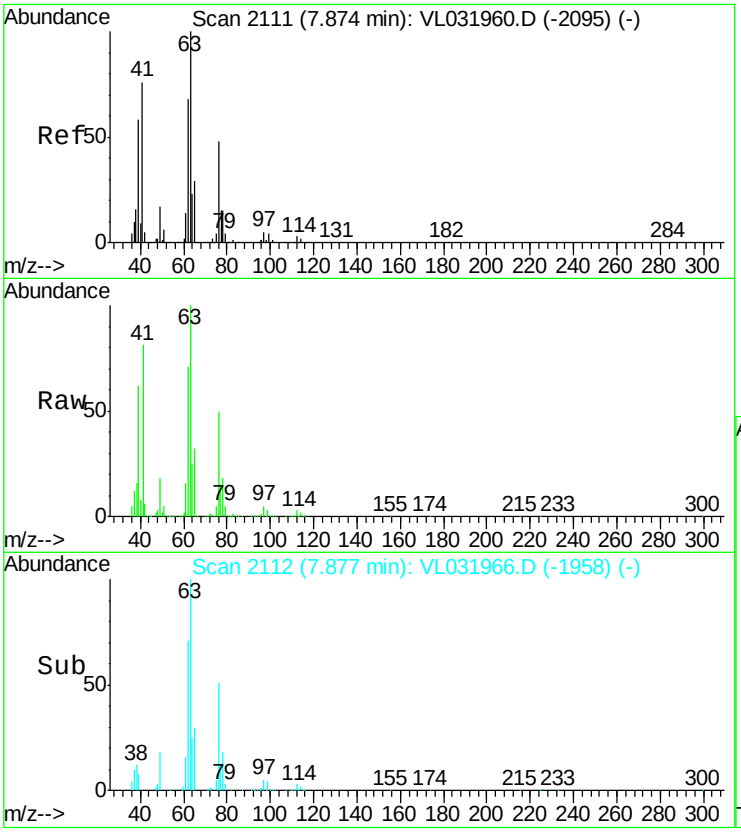


#38
Trichloroethene
Concen: 23.373 ppbv
RT: 8.10 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:130 Resp: 1277067

Ion	Ratio	Lower	Upper
130	100		
95	116.7	96.6	144.8
132	95.0	79.1	118.7
97	74.0	61.5	92.3



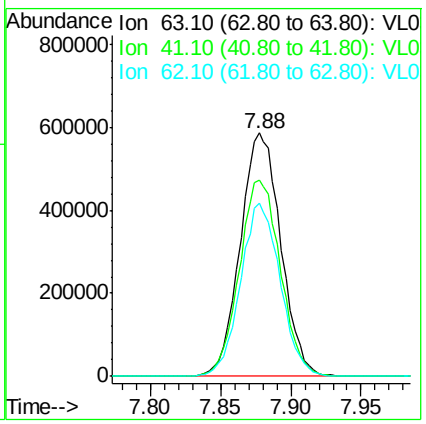


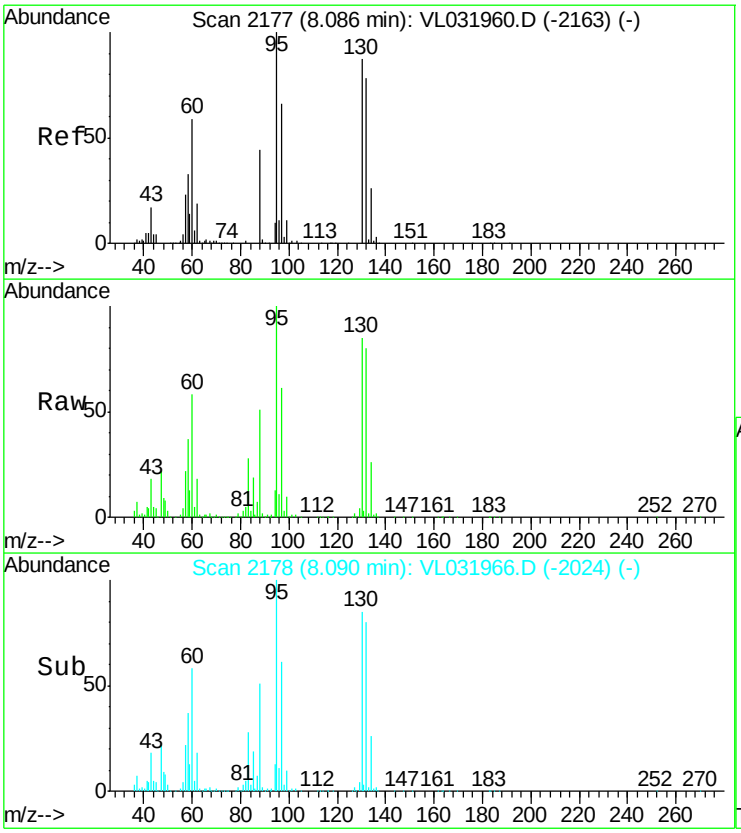
#39
1,2-Dichloropropane
Concen: 23.559 ppbv
RT: 7.88 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1178875

Ion	Ratio	Lower	Upper
63	100		
41	80.6	65.8	98.6
62	70.9	55.0	82.6

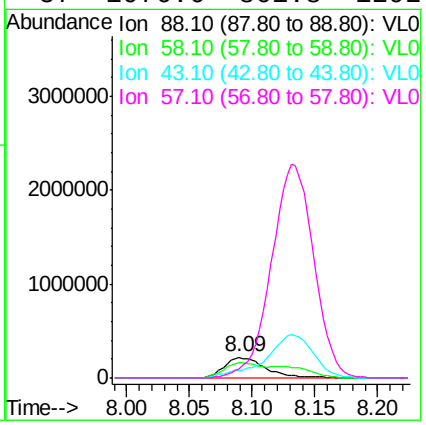


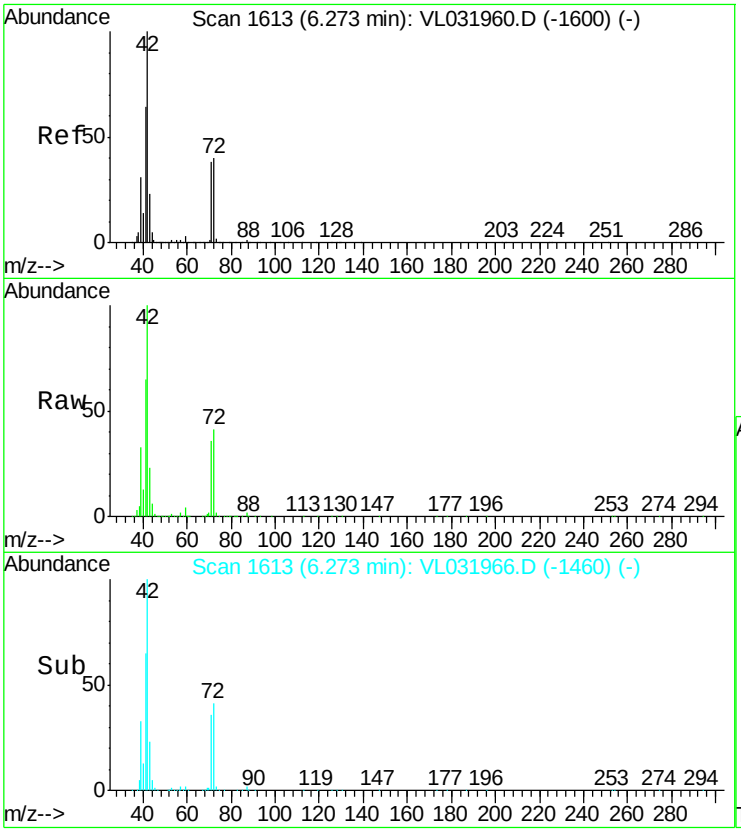


#40
1,4-Dioxane
Concen: 24.549 ppbv
RT: 8.09 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 88 Resp: 498590

Ion	Ratio	Lower	Upper
88	100		
58	121.6	98.5	147.7
43	243.3	194.3	291.5
57	1076.6	861.8	1292.6



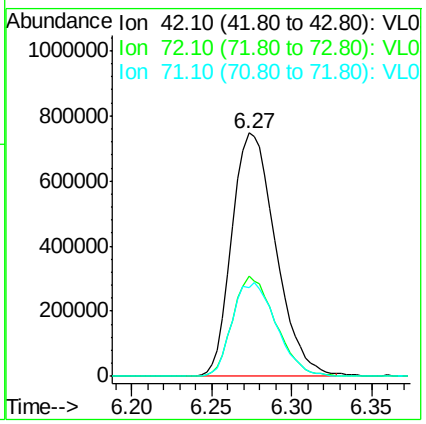


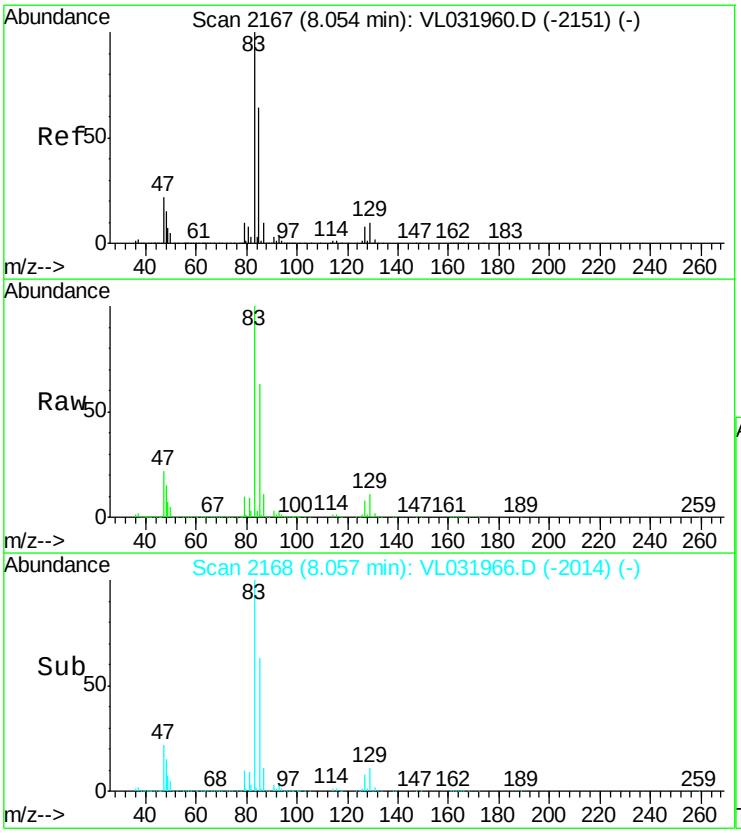
#41
Tetrahydrofuran
Concen: 29.075 ppbv
RT: 6.27 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 1397078

Ion	Ratio	Lower	Upper
42	100		
72	40.5	33.2	49.8
71	39.0	31.5	47.3

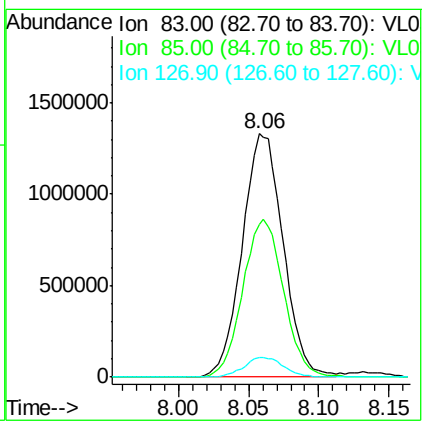


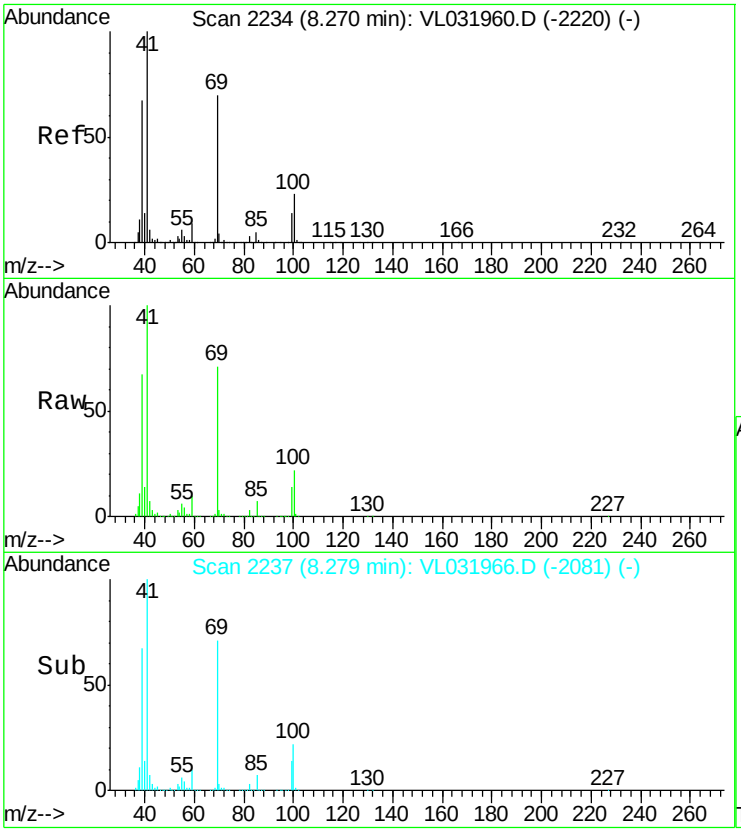


#42
Bromodichloromethane
Concen: 22.555 ppbv
RT: 8.06 min Scan# 2168
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 83 Resp: 2702855

Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.5	75.7
127	8.2	6.0	9.0



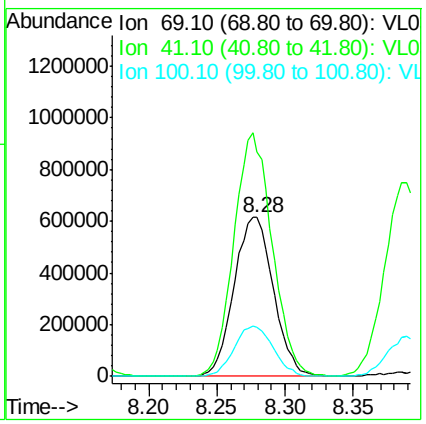


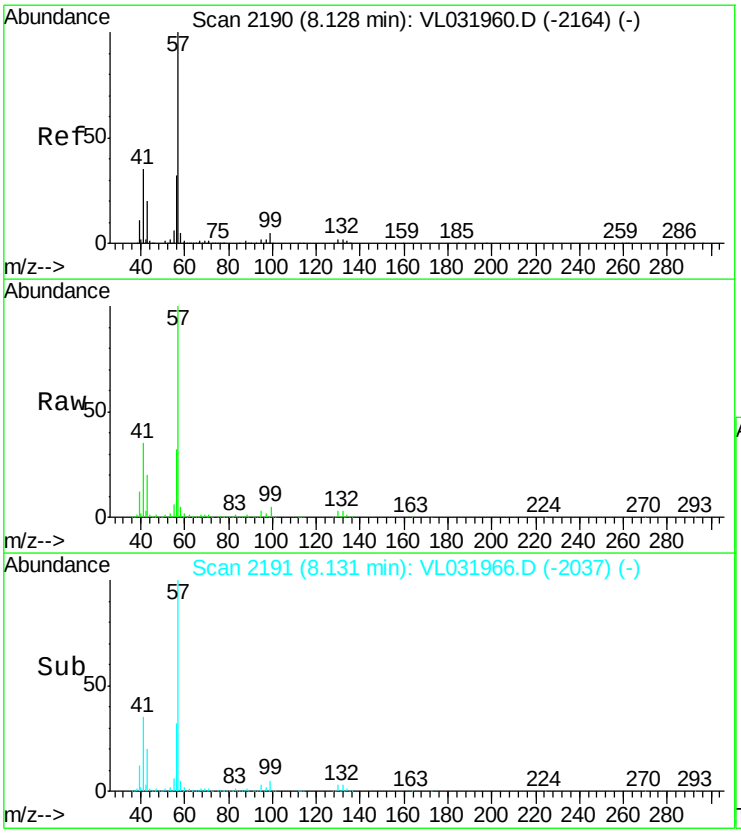
#43
Methyl Methacrylate
Concen: 25.939 ppbv
RT: 8.28 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1228641

Ion	Ratio	Lower	Upper
69	100		
41	149.4	117.8	176.8
100	31.9	24.6	37.0

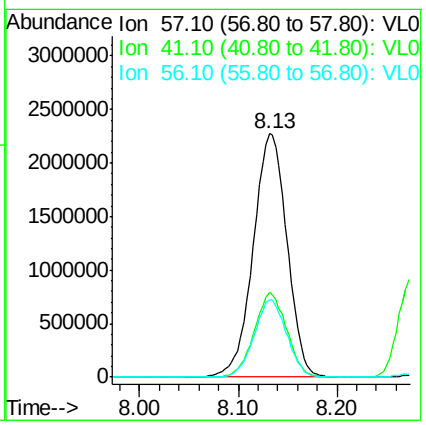


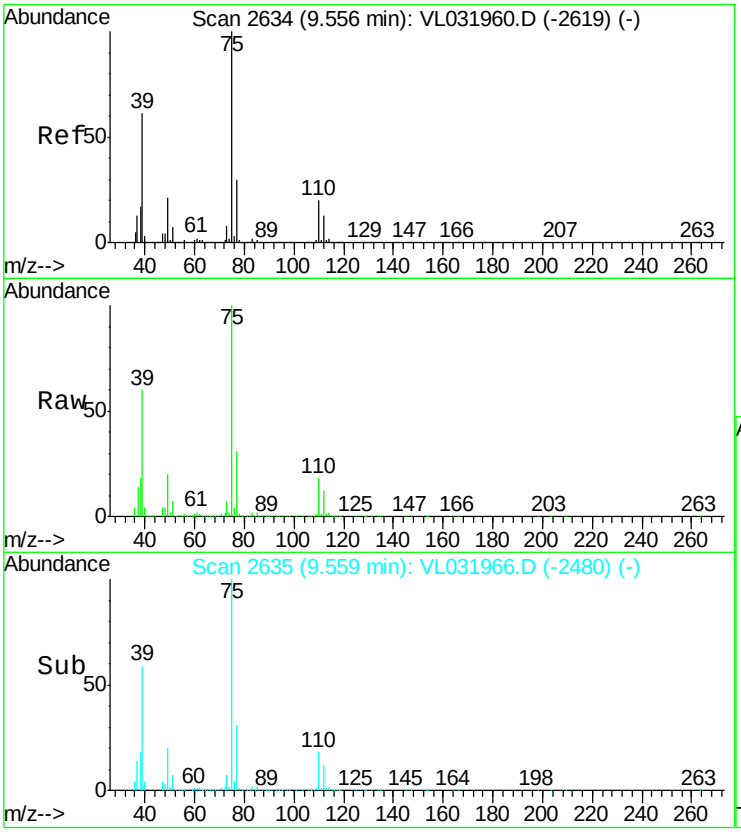


#44
2,2,4-Trimethylpentane
Concen: 23.133 ppbv
RT: 8.13 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 57 Resp: 5362754

Ion	Ratio	Lower	Upper
57	100		
41	33.4	27.0	40.6
56	30.6	24.1	36.1



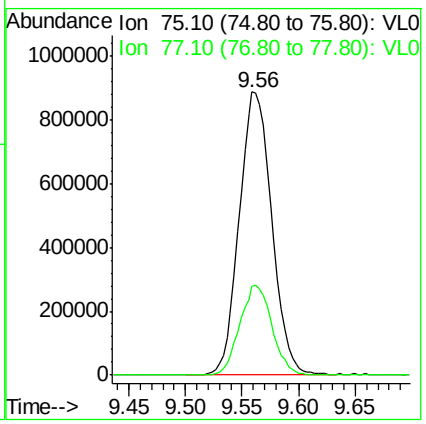


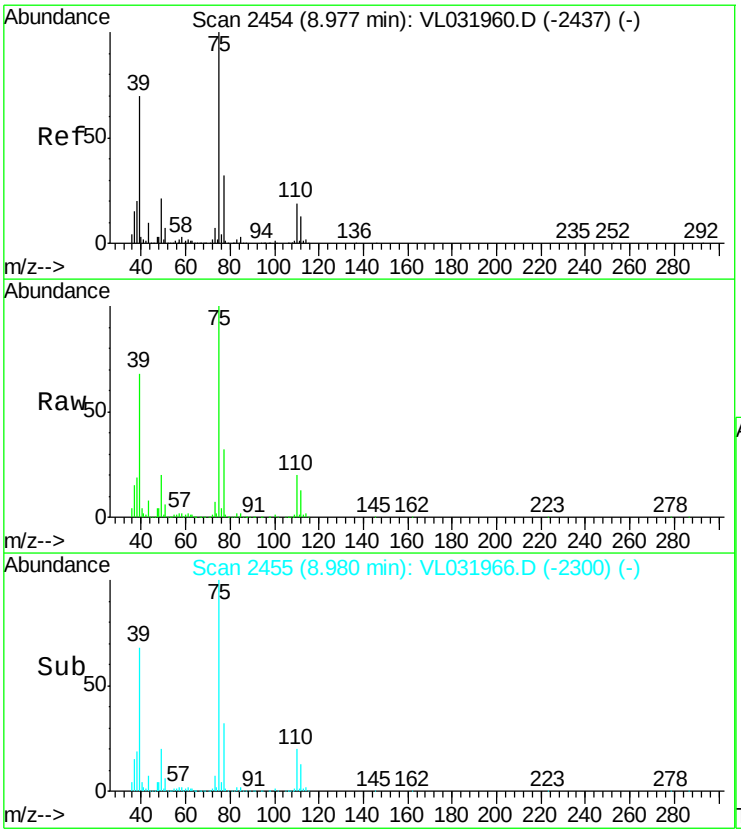
#45
t-1,3-Dichloropropene
Concen: 28.893 ppbv
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1775005

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

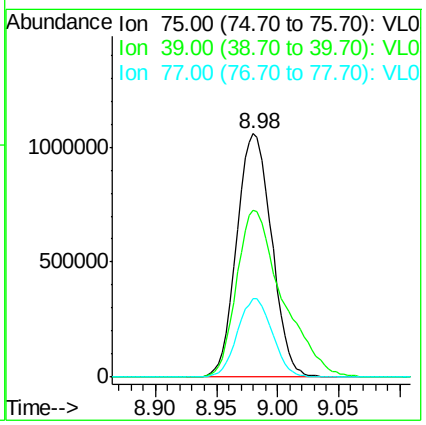


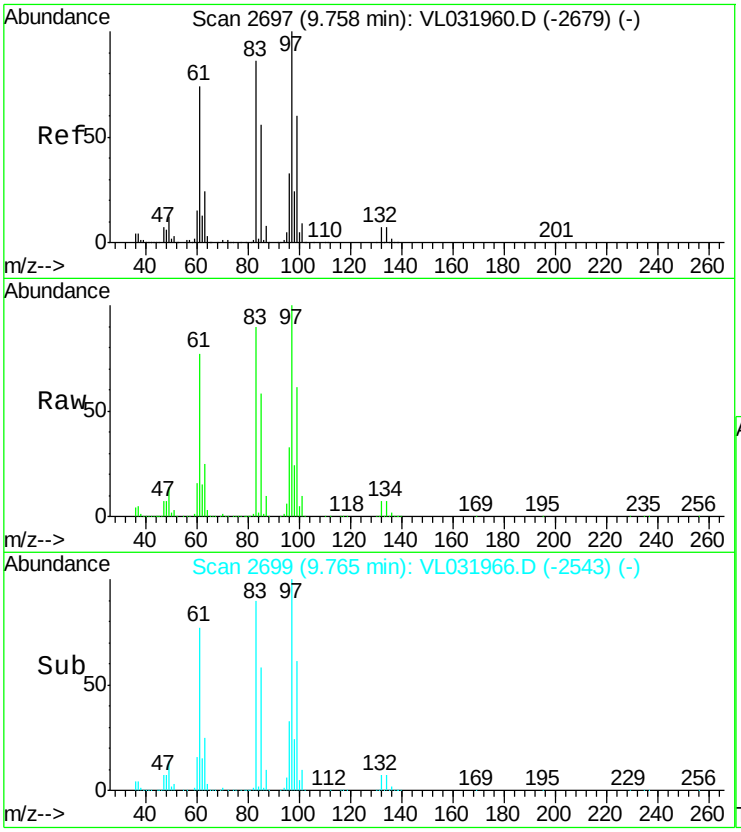


#46
cis-1,3-Dichloropropene
Concen: 26.647 ppbv
RT: 8.98 min Scan# 2455
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 75 Resp: 2092274

Ion	Ratio	Lower	Upper
75	100		
39	68.4	58.6	87.8
77	32.2	26.8	40.2



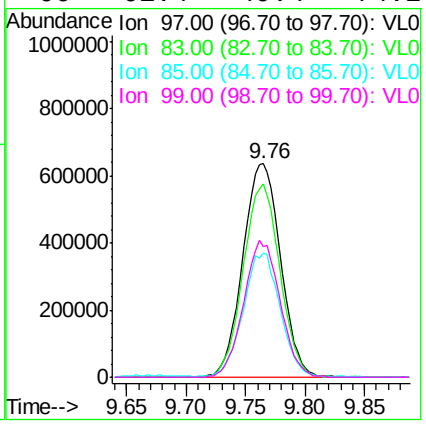


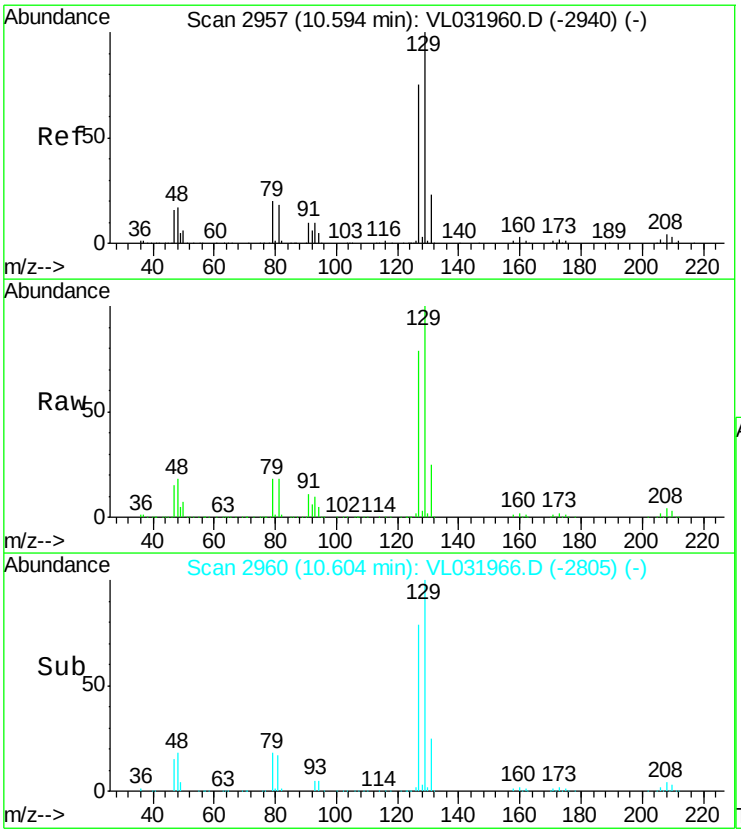
#47
1,1,2-Trichloroethane
Concen: 23.454 ppbv
RT: 9.76 min Scan# 2699
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1394857

Ion	Ratio	Lower	Upper
97	100		
83	90.3	69.1	103.7
85	57.9	43.7	65.5
99	61.4	49.4	74.2

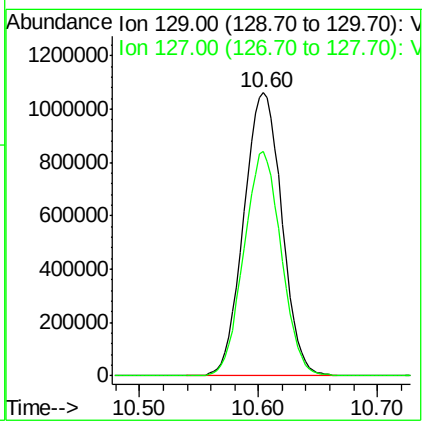


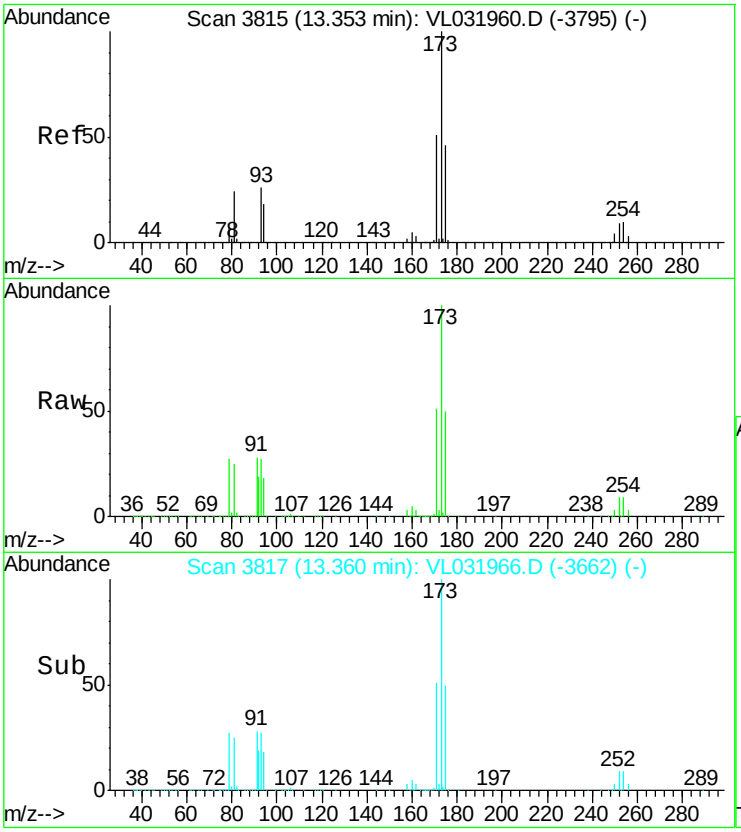


#48
Dibromochloromethane
Concen: 24.514 ppbv
RT: 10.60 min Scan# 2960
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:129 Resp: 2356027

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.5



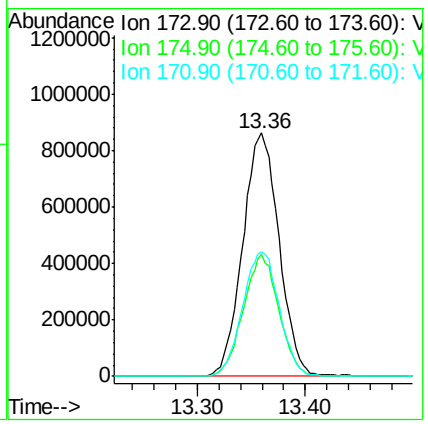


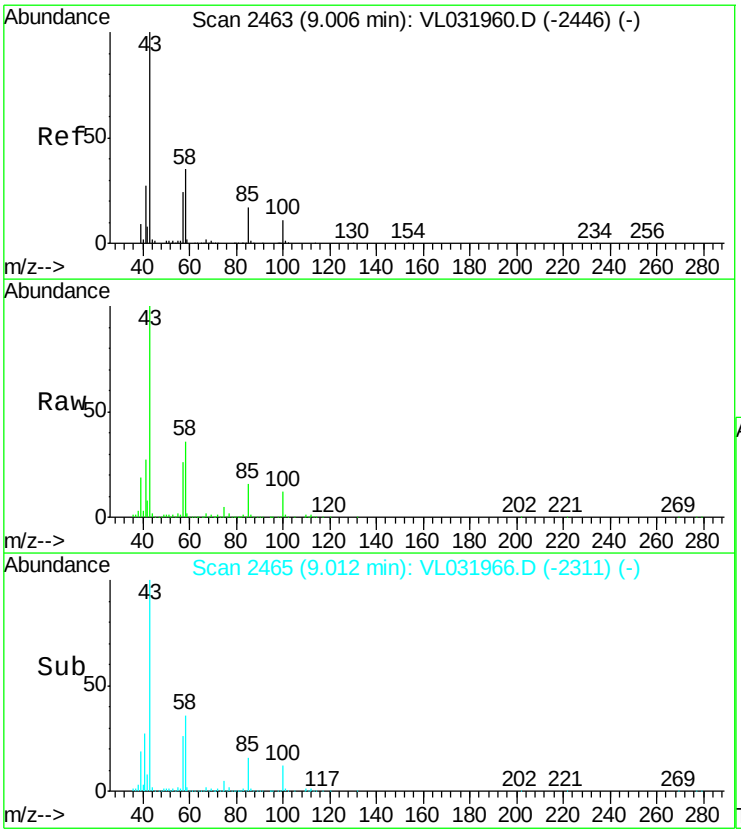
#49
Bromoform
Concen: 27.264 ppbv
RT: 13.36 min Scan# 3817
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 2017423

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.0	58.6
171	52.3	41.4	62.0

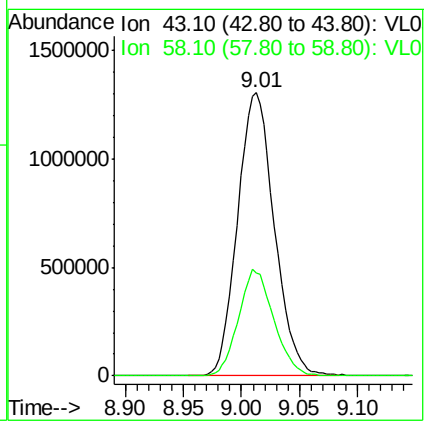


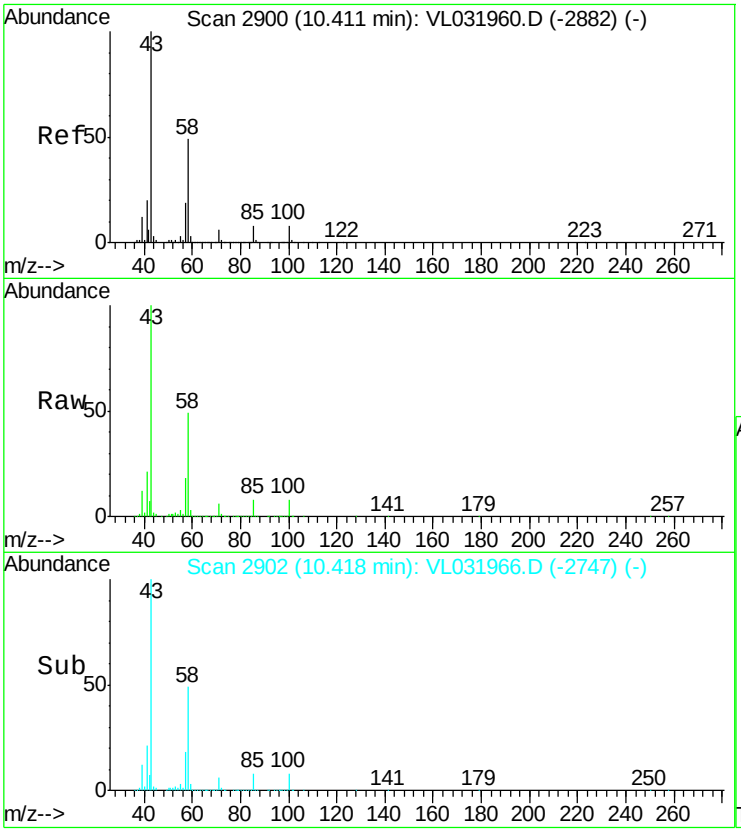


#50
4-Methyl-2-Pentanone
Concen: 24.165 ppbv
RT: 9.01 min Scan# 2465
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 43 Resp: 2871305

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.6	43.0



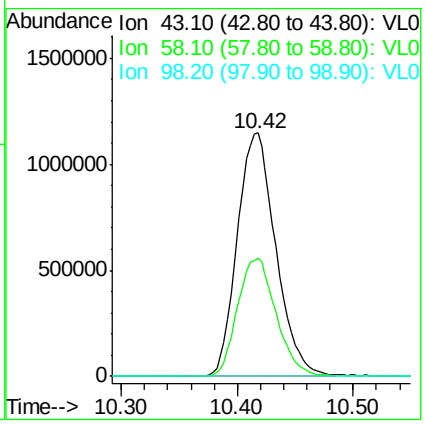


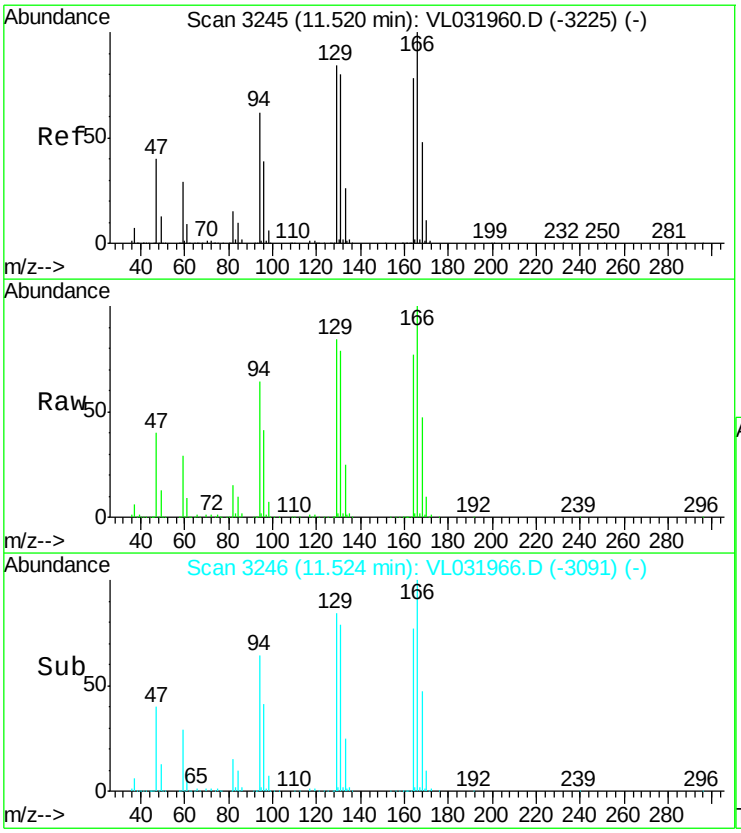
#51
2-Hexanone
Concen: 25.434 ppbv
RT: 10.42 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2641585

Ion	Ratio	Lower	Upper
43	100		
58	48.9	38.5	57.7
98	0.3	0.2	0.4

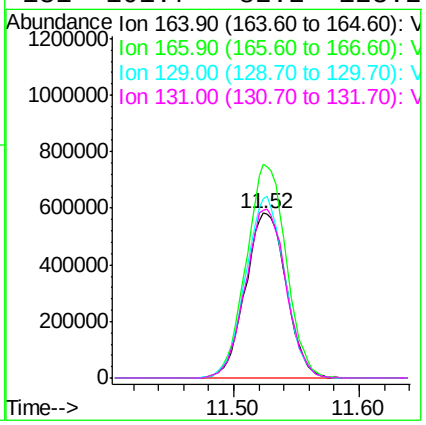


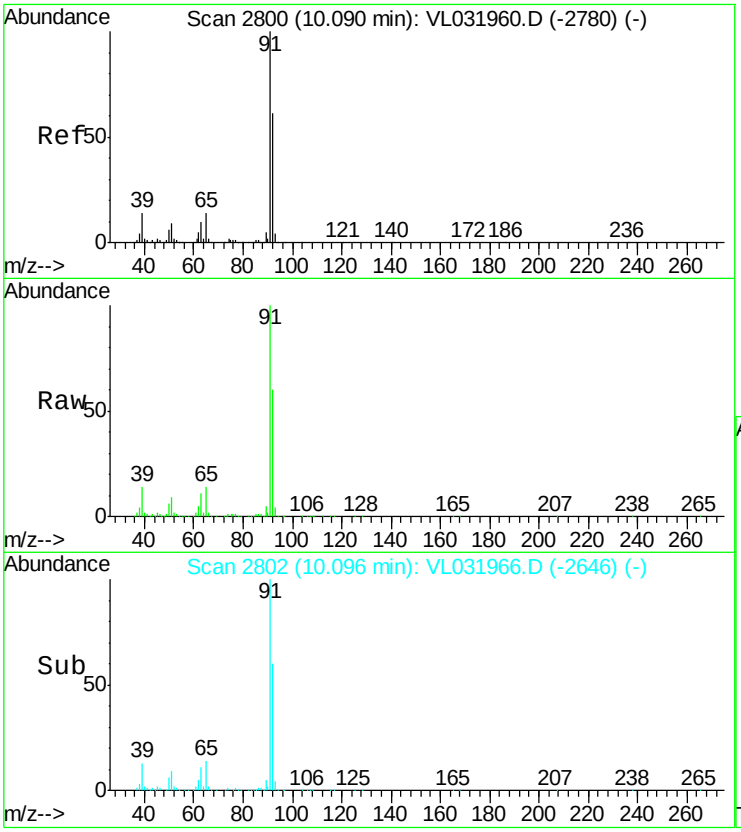


#52
Tetrachloroethene
Concen: 25.098 ppbv
RT: 11.52 min Scan# 3246
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:164 Resp: 1316218

Ion	Ratio	Lower	Upper
164	100		
166	129.4	98.2	147.4
129	108.4	86.5	129.7
131	101.7	82.2	123.2



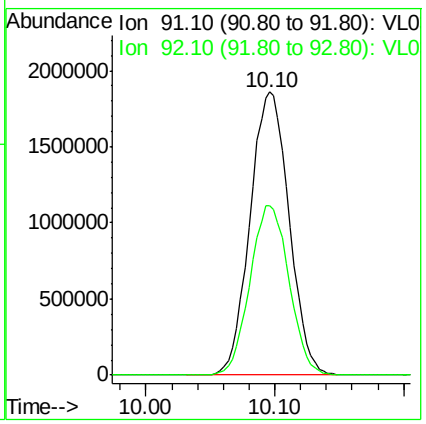


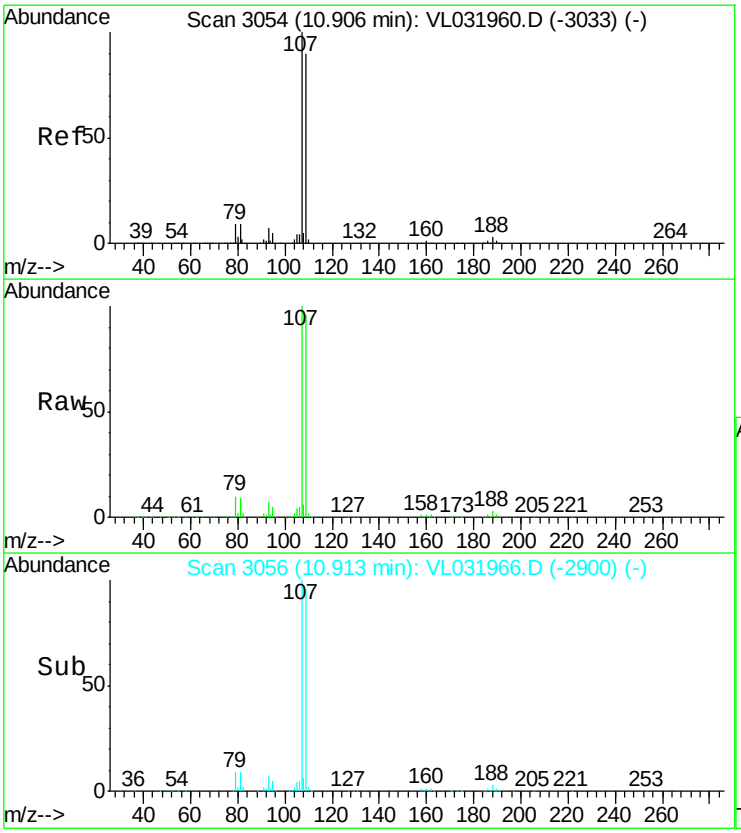
#53
Toluene
Concen: 26.113 ppbv
RT: 10.10 min Scan# 2802
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 3919724

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.4	71.2

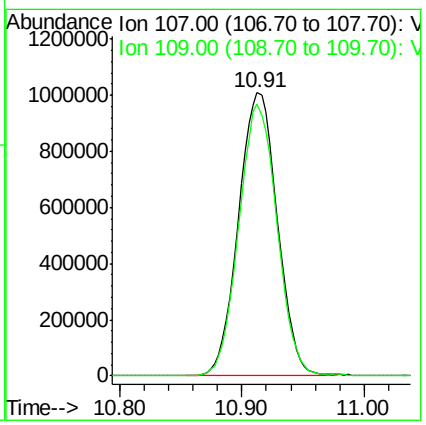


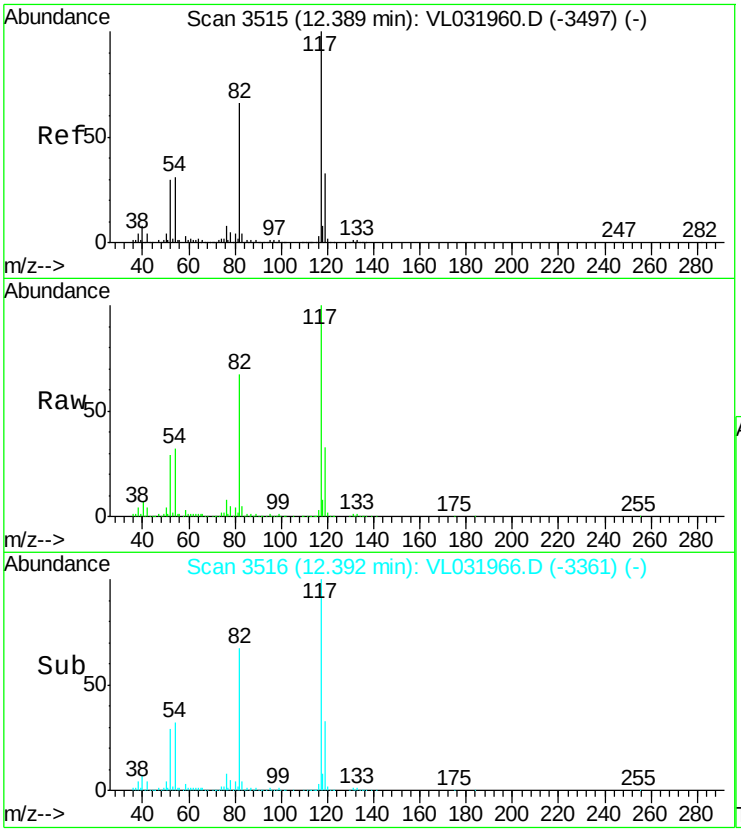


#54
1,2-Dibromoethane
Concen: 25.666 ppbv
RT: 10.91 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:107 Resp: 2215656

Ion	Ratio	Lower	Upper
107	100		
109	96.0	74.6	112.0



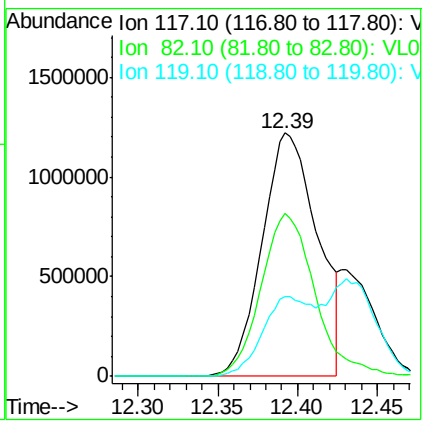


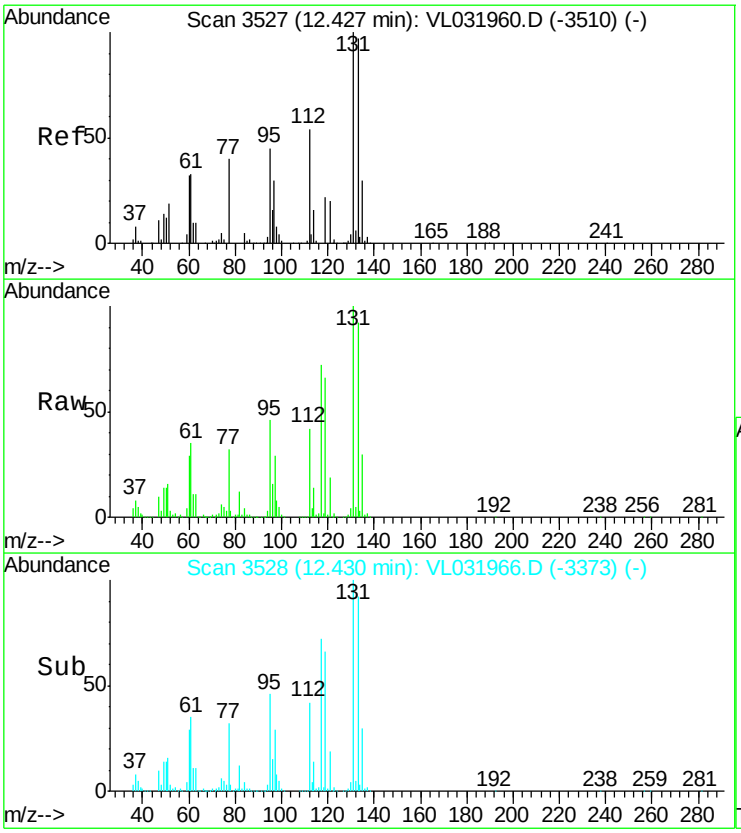
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2937570

Ion	Ratio	Lower	Upper
117	100		
82	65.6	54.6	81.8
119	0.0	26.0	39.0#

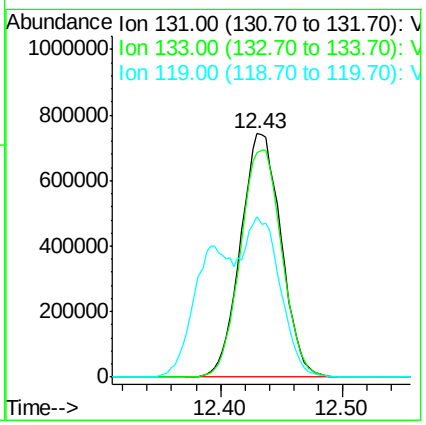


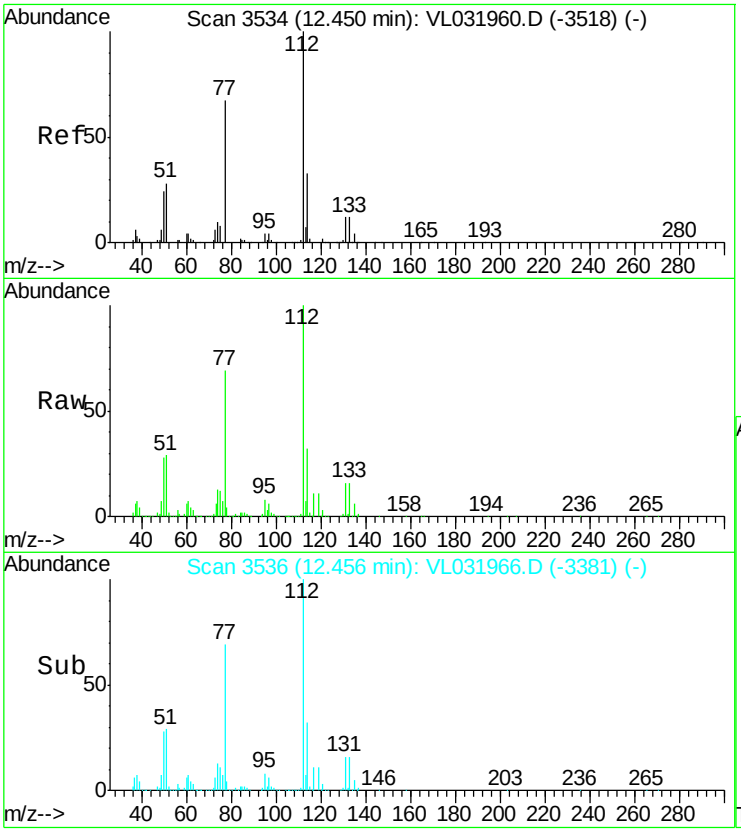


#56
1,1,1,2-Tetrachloroethane
Concen: 12.326 ppbv
RT: 12.43 min Scan# 3528
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:131 Resp: 1703930

Ion	Ratio	Lower	Upper
131	100		
133	95.6	76.1	114.1
119	113.6	106.3	159.5



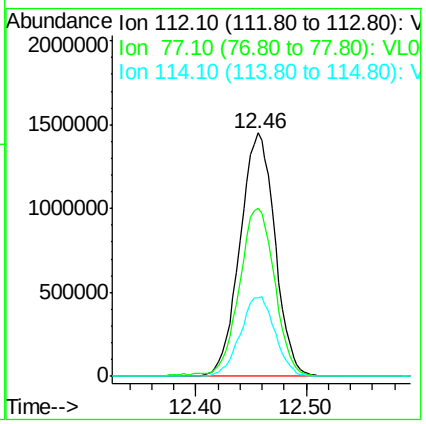


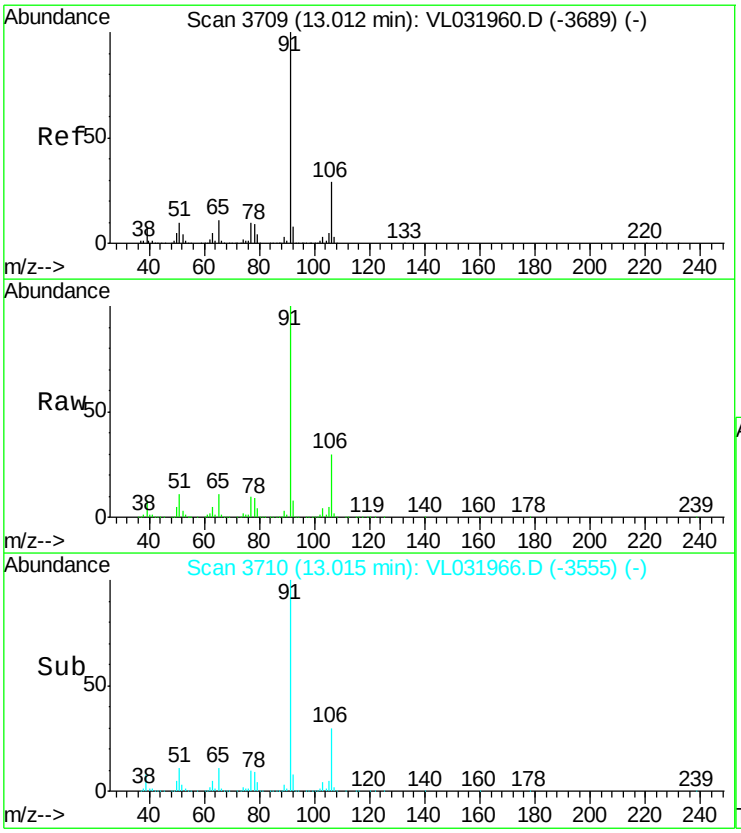
#57
Chlorobenzene
Concen: 12.778 ppbv
RT: 12.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 3182457

Ion	Ratio	Lower	Upper
112	100		
77	69.0	57.0	85.6
114	32.0	28.5	34.9

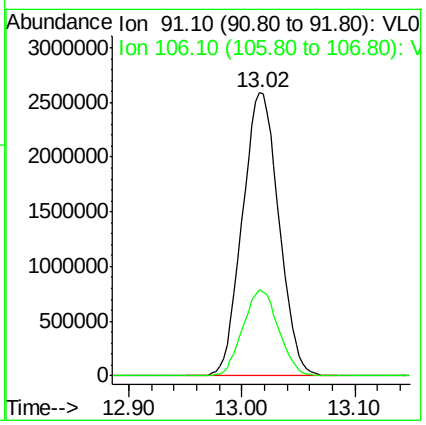


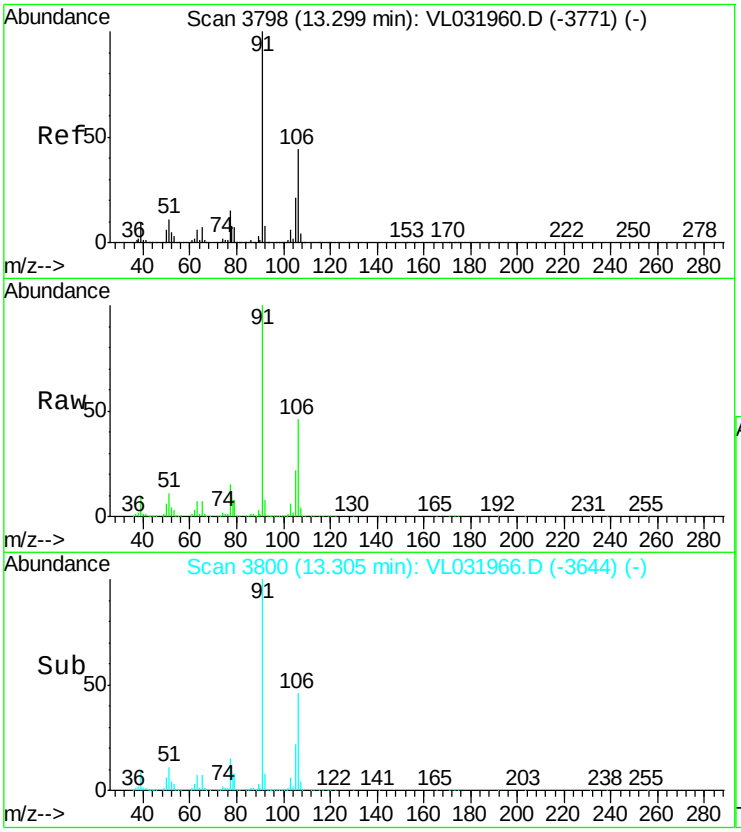


#58
Ethyl Benzene
Concen: 14.221 ppbv
RT: 13.02 min Scan# 3710
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 91 Resp: 5801761

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.8	35.6



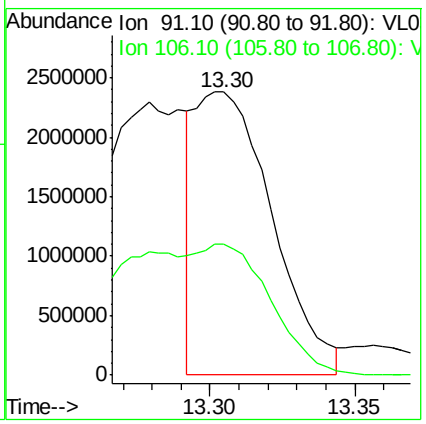


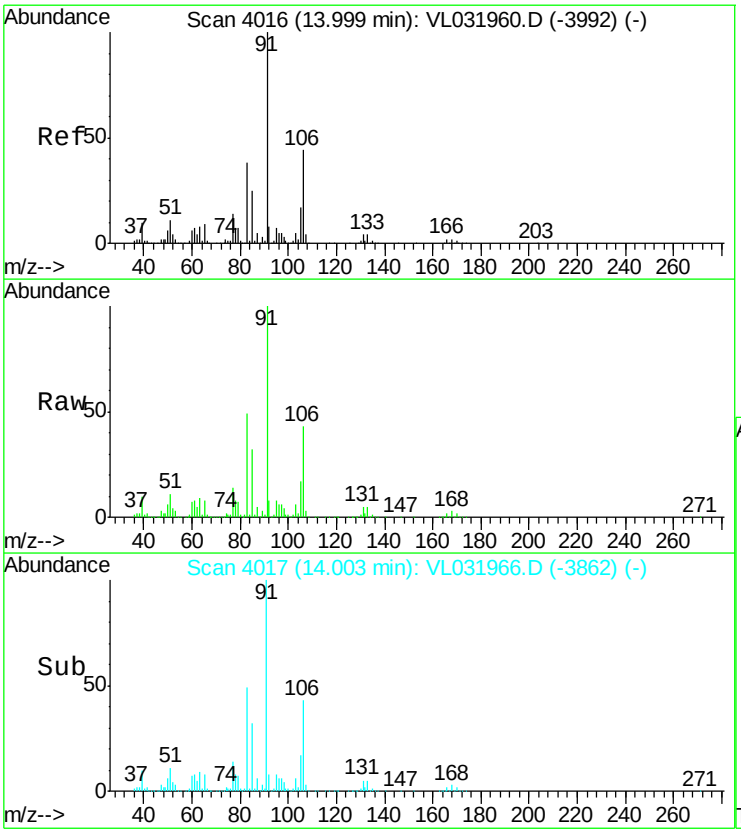
#59
m/p-Xylene
Concen: 12.317 ppbv
RT: 13.30 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4362925

Ion	Ratio	Lower	Upper
91	100		
106	97.6	35.5	53.3#

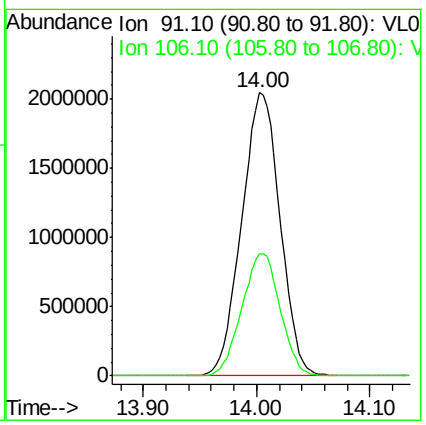


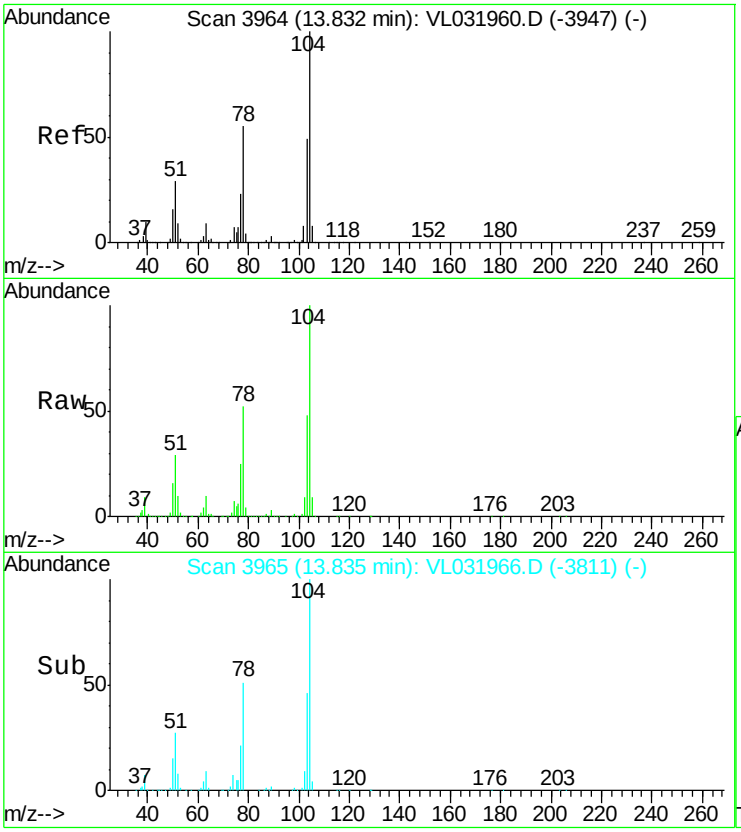


#60
o-Xylene
Concen: 13.616 ppbv
RT: 14.00 min Scan# 4017
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 91 Resp: 4820936

Ion	Ratio	Lower	Upper
91	100		
106	43.2	21.3	63.9



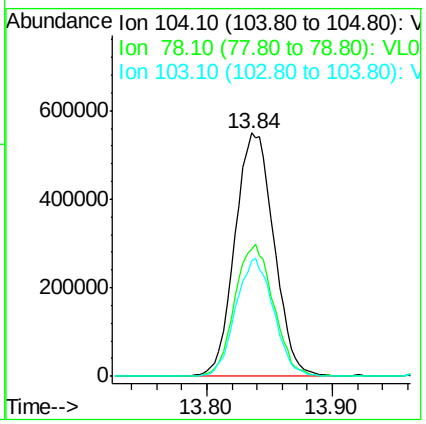


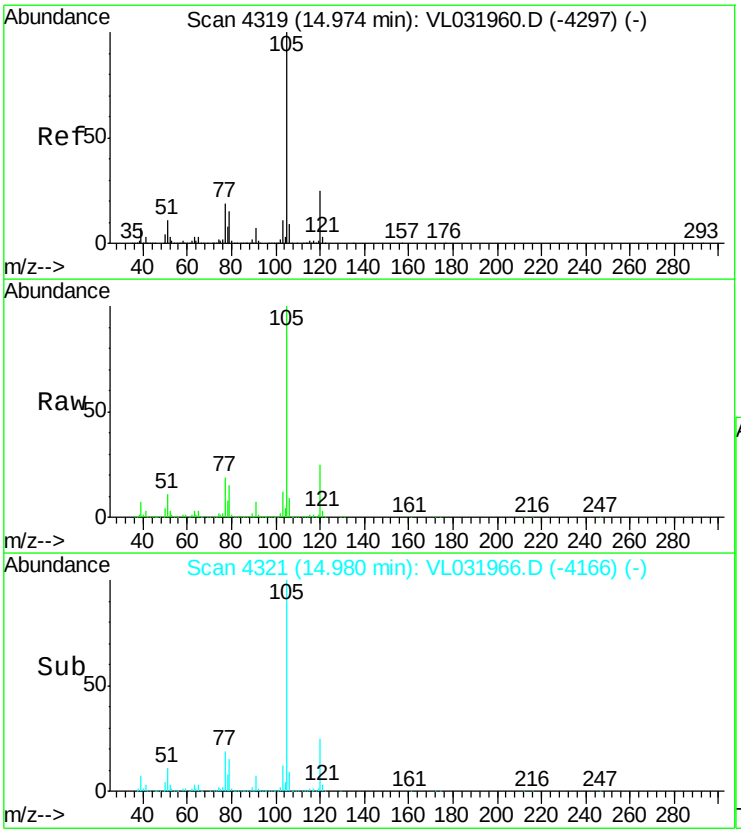
#61
Stvrene
Concen: 17.599 ppbv
RT: 13.84 min Scan# 3965
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 1186549

Ion	Ratio	Lower	Upper
104	100		
78	54.1	44.4	66.6
103	47.0	37.9	56.9

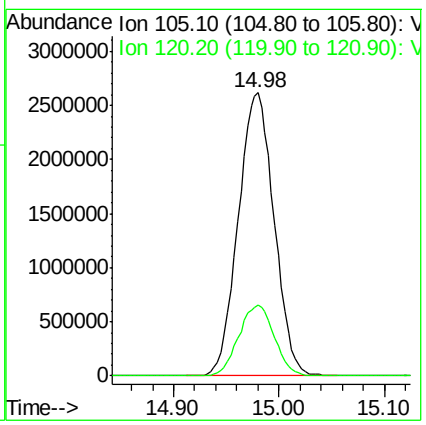


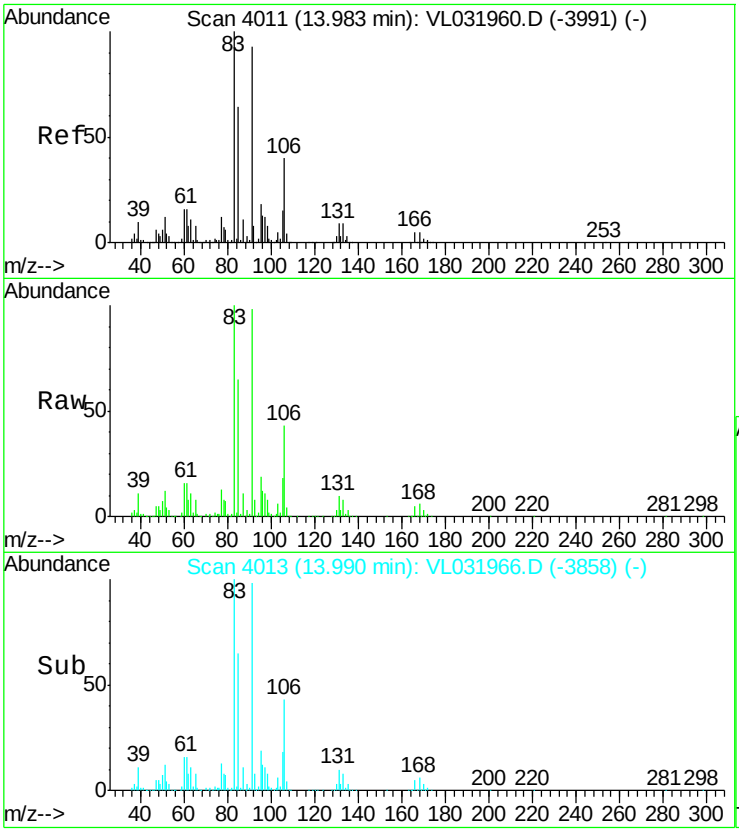


#62
Isopropylbenzene
Concen: 13.577 ppbv
RT: 14.98 min Scan# 4321
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:105 Resp: 6174013

Ion	Ratio	Lower	Upper
105	100		
120	24.9	19.4	29.2



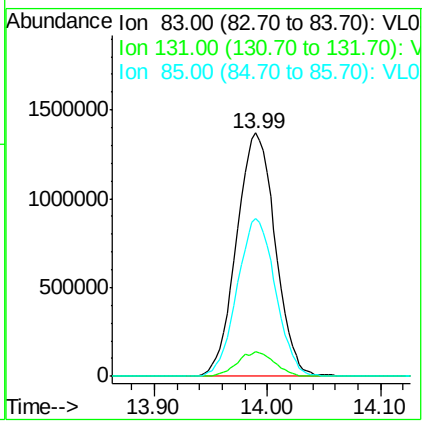


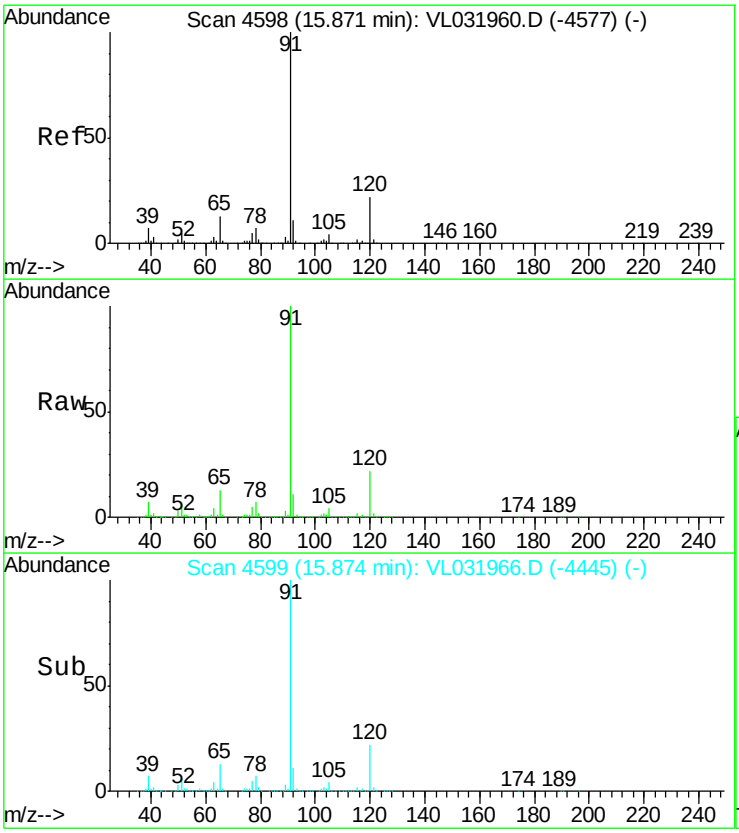
#63
1,1,2,2-Tetrachloroethane
Concen: 11.978 ppbv
RT: 13.99 min Scan# 4013
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 3260614

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	64.5	32.2	96.6

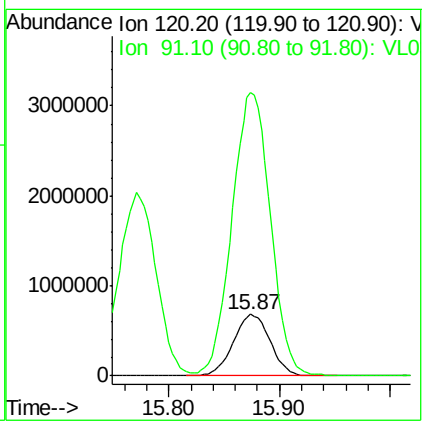


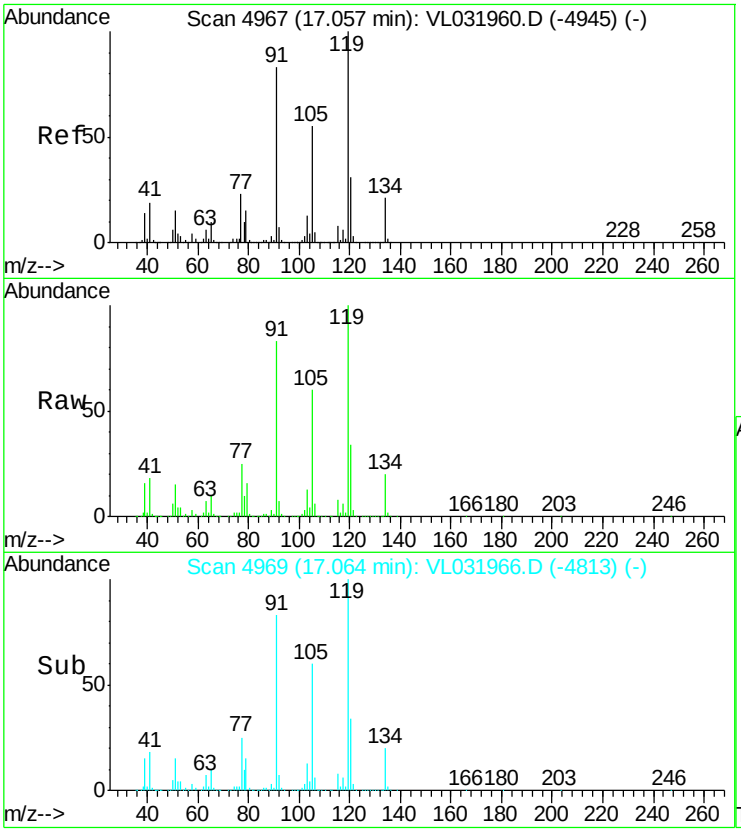


#64
n-propylbenzene
Concen: 14.344 ppbv
RT: 15.87 min Scan# 4599
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:120 Resp: 1585866

Ion	Ratio	Lower	Upper
120	100		
91	480.9	393.7	590.5



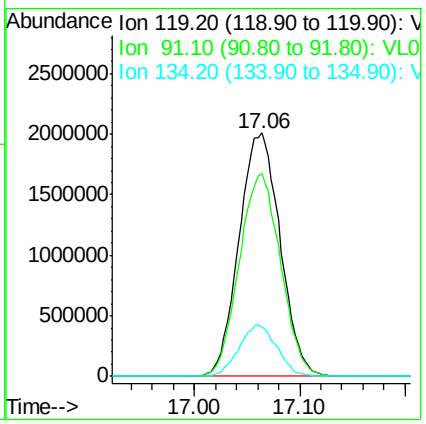


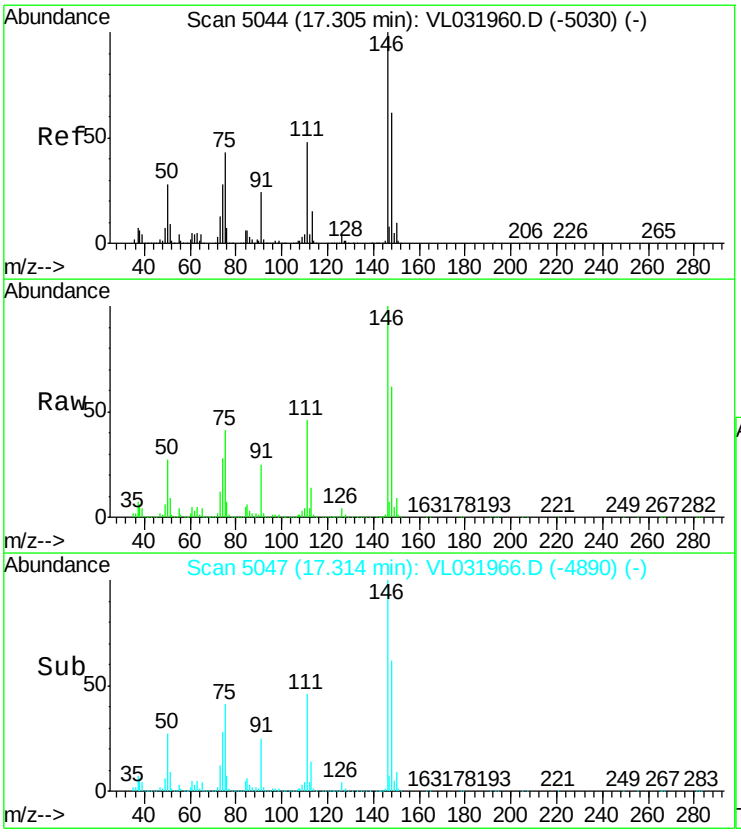
#65
tert-Butylbenzene
Concen: 13.915 ppbv
RT: 17.06 min Scan# 4969
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 5442709

Ion	Ratio	Lower	Upper
119	100		
91	83.9	69.4	104.0
134	19.5	15.4	23.2

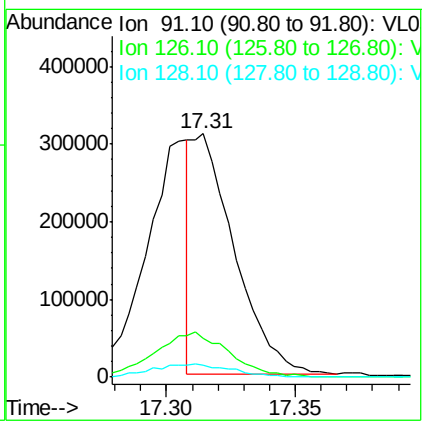


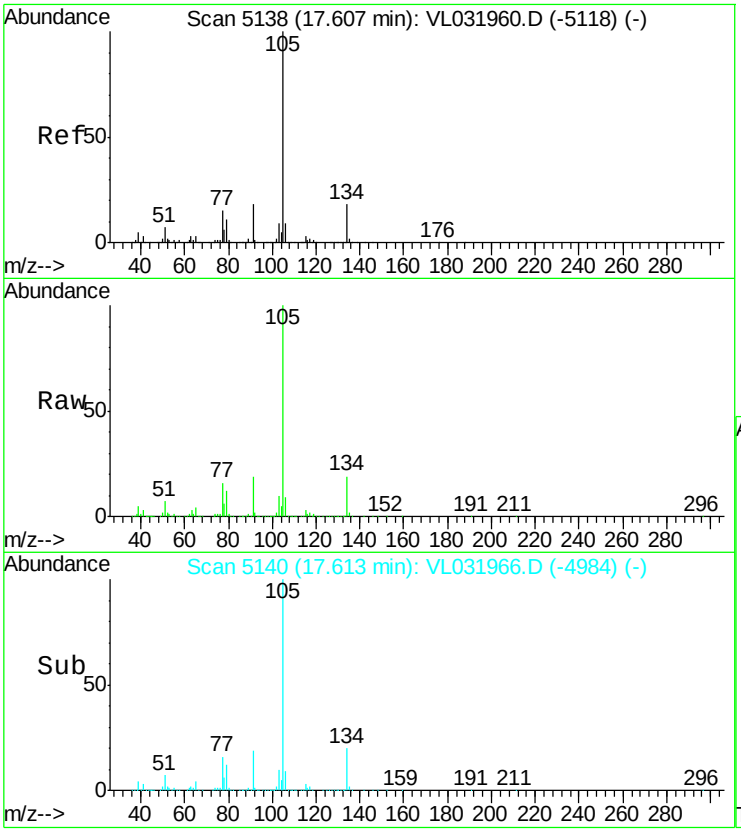


#66
Benzyl Chloride
Concen: 9.943 ppbv
RT: 17.31 min Scan# 5047
Delta R.T. 0.01 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 91 Resp: 350423

Ion	Ratio	Lower	Upper
91	100		
126	34.5	12.6	19.0#
128	11.0	4.0	6.0#



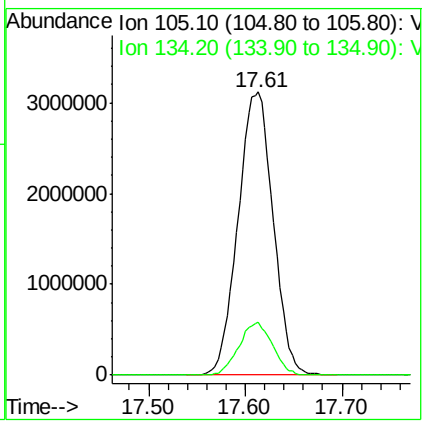


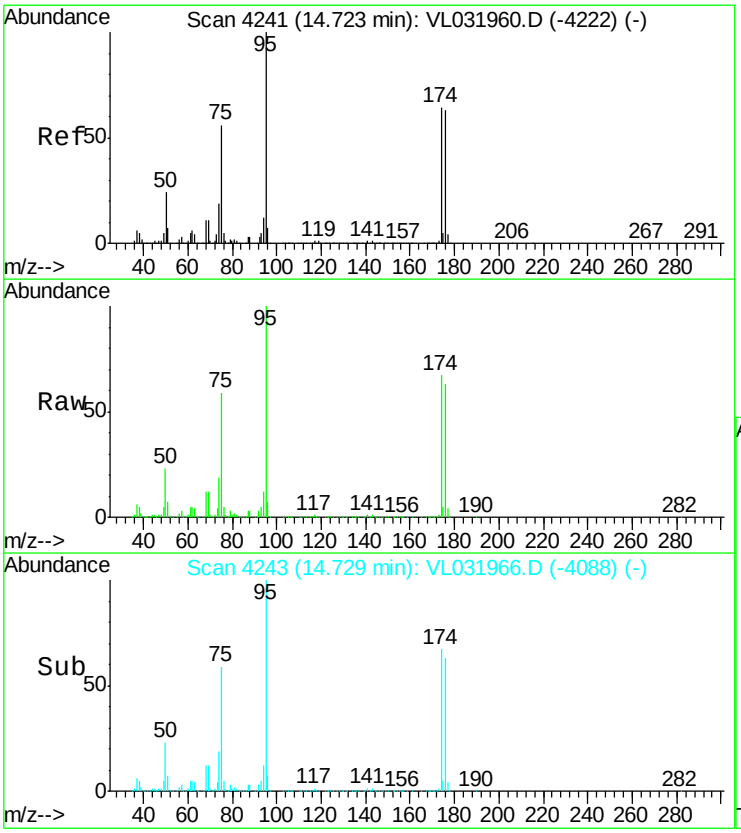
#67
sec-Butylbenzene
Concen: 13.903 ppbv
RT: 17.61 min Scan# 5140
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 7834159

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.2	21.2

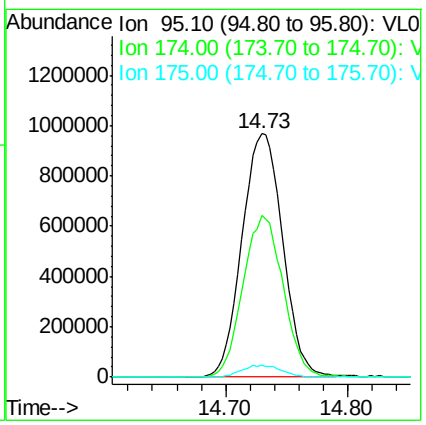


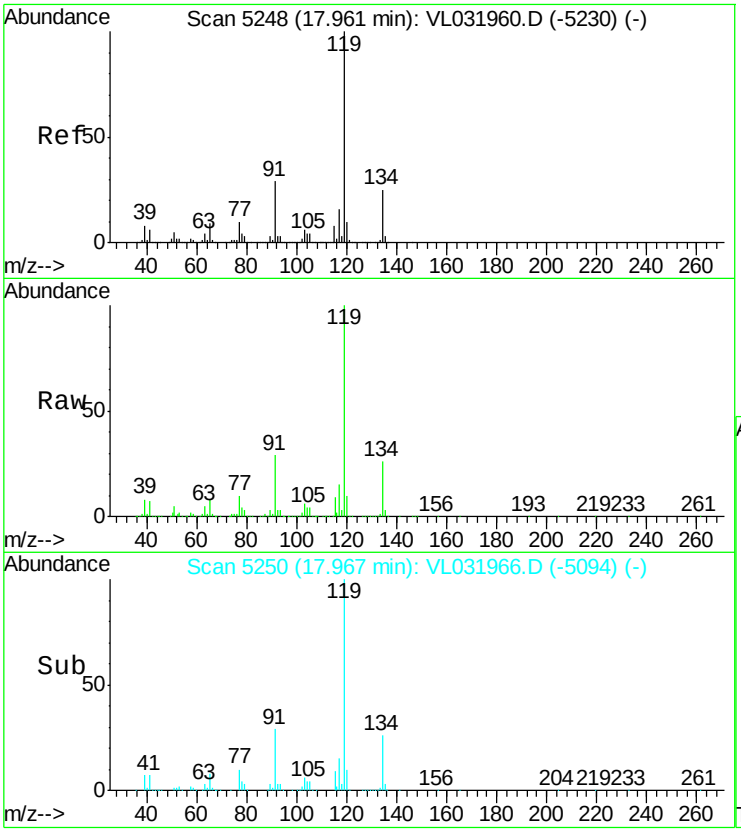


#68
1-Bromo-4-Fluorobenzene
Concen: 9.436 ppbv
RT: 14.73 min Scan# 4243
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 95 Resp: 2228738

Ion	Ratio	Lower	Upper
95	100		
174	66.0	52.3	78.5
175	4.8	3.9	5.9



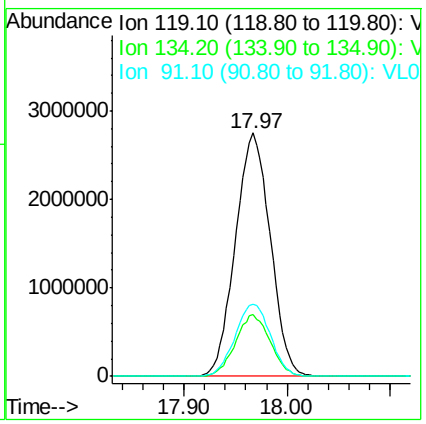


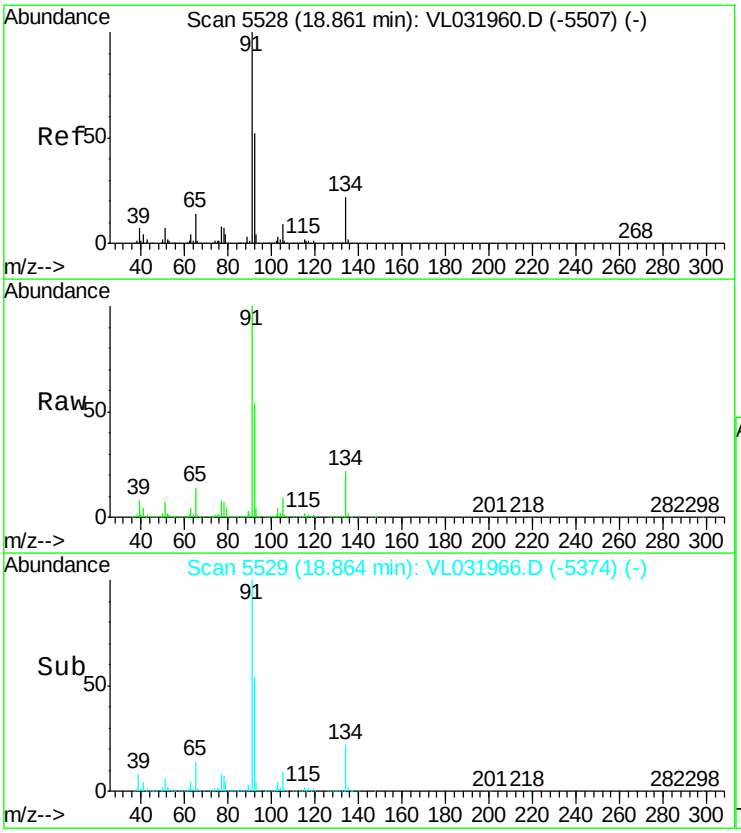
#69
p-Isopropyltoluene
Concen: 14.826 ppbv
RT: 17.97 min Scan# 5250
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 6475974

Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.0	30.0
91	30.3	24.9	37.3

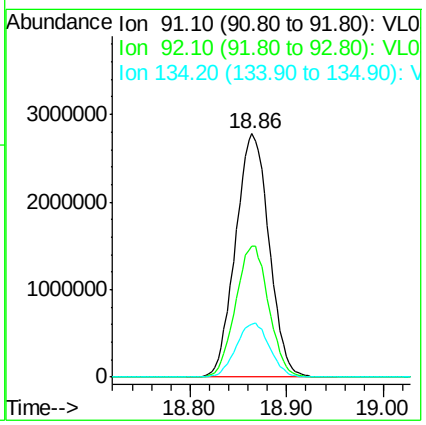


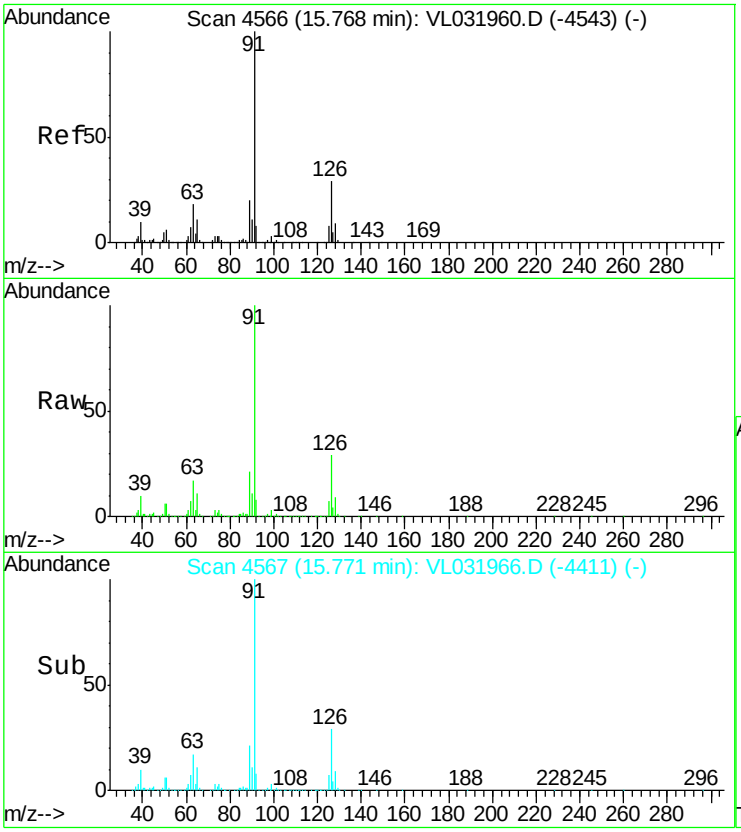


#70
n-Butylbenzene
Concen: 14.719 ppbv
RT: 18.86 min Scan# 5529
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion: 91 Resp: 6694892

Ion	Ratio	Lower	Upper
91	100		
92	53.4	42.2	63.4
134	22.2	17.4	26.0



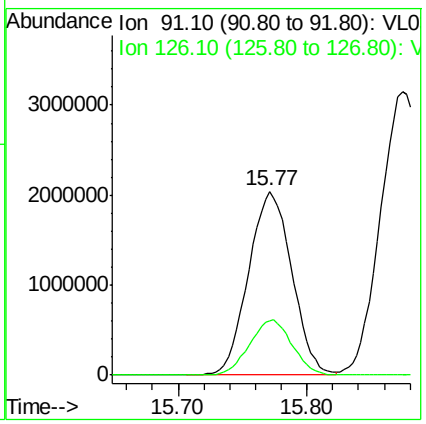


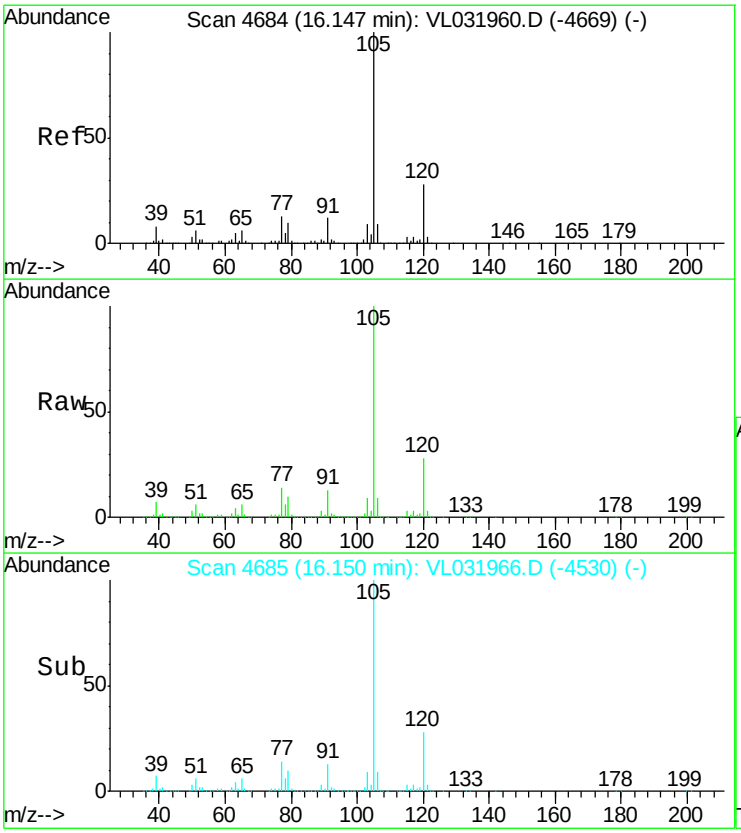
#71
2-Chlorotoluene
Concen: 14.506 ppbv
RT: 15.77 min Scan# 4567
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4769816

Ion	Ratio	Lower	Upper
91	100		
126	29.8	11.6	46.2

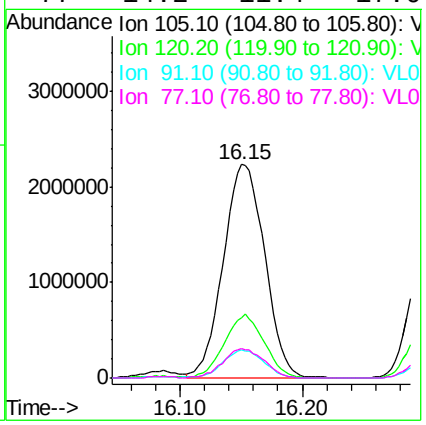


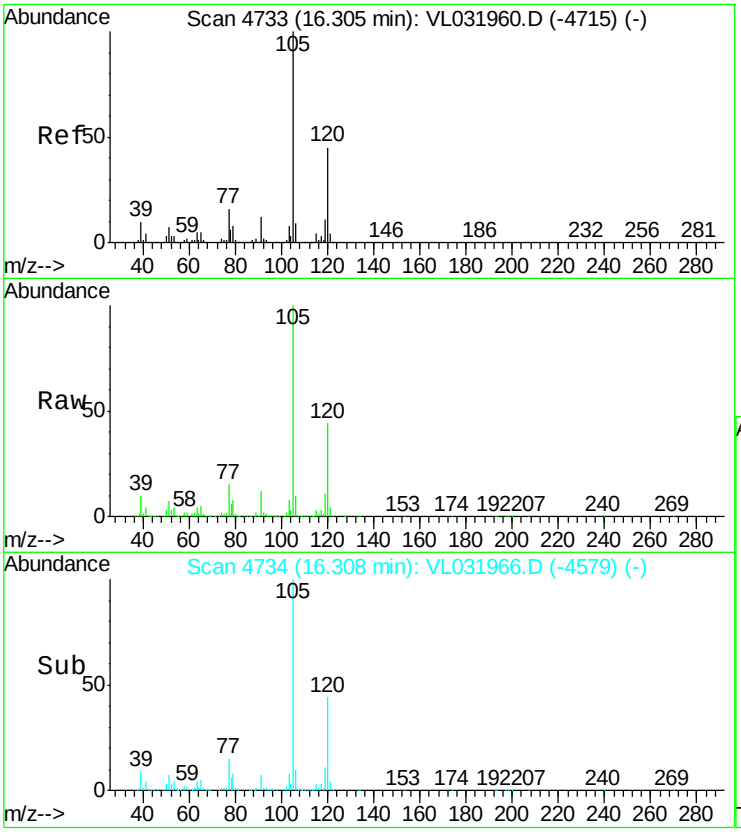


#72
4-Ethyltoluene
Concen: 14.543 ppbv
RT: 16.15 min Scan# 4685
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:105 Resp: 5262363

Ion	Ratio	Lower	Upper
105	100		
120	28.6	22.7	34.1
91	12.9	10.6	16.0
77	14.2	11.4	17.0



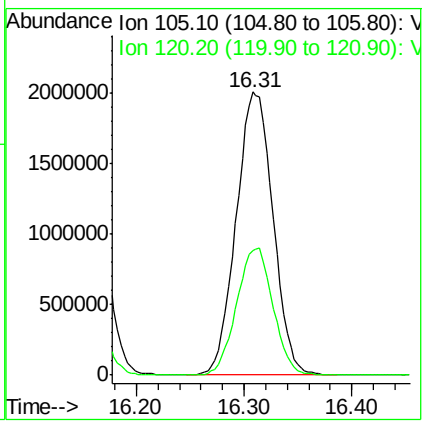


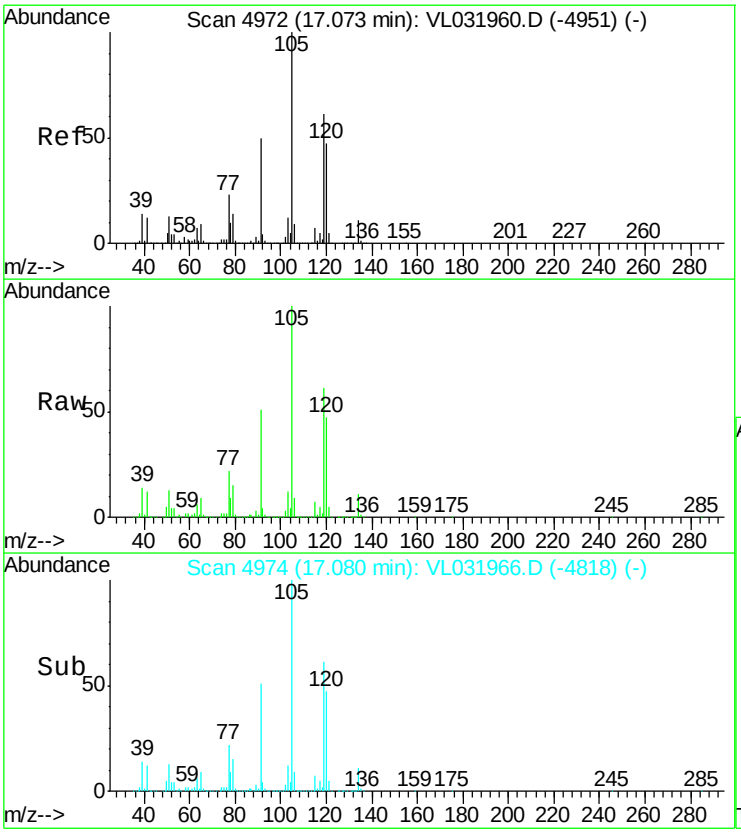
#73
1,3,5-Trimethylbenzene
Concen: 14.329 ppbv
RT: 16.31 min Scan# 4734
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 4746377

Ion	Ratio	Lower	Upper
105	100		
120	44.0	35.3	52.9

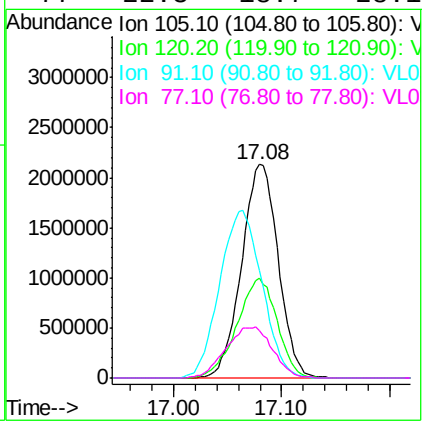


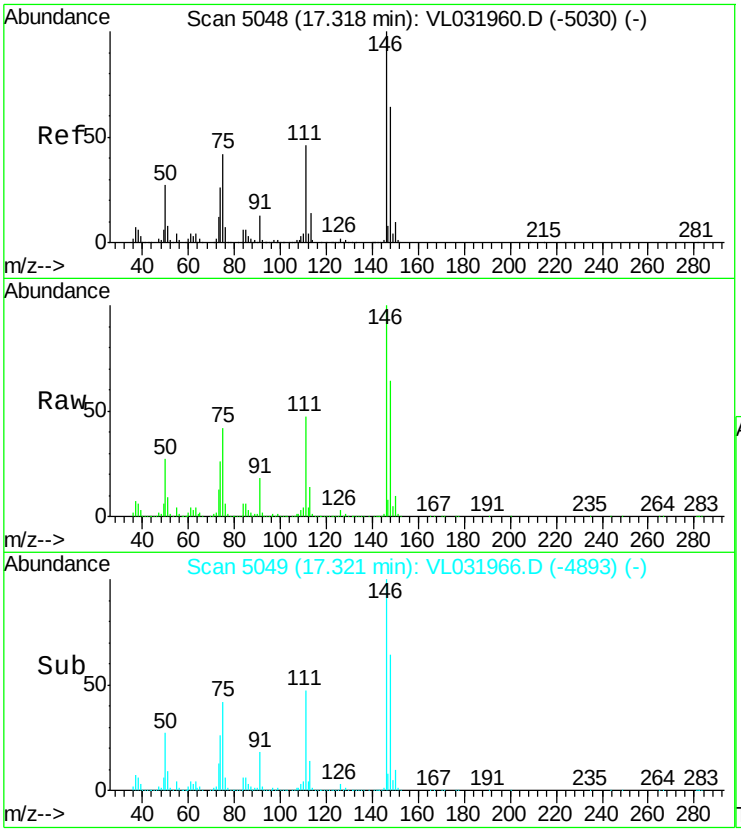


#74
1,2,4-Trimethylbenzene
Concen: 13.613 ppbv
RT: 17.08 min Scan# 4974
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:105 Resp: 5033368

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.0	55.4
91	50.4	43.0	64.4
77	22.3	18.7	28.1



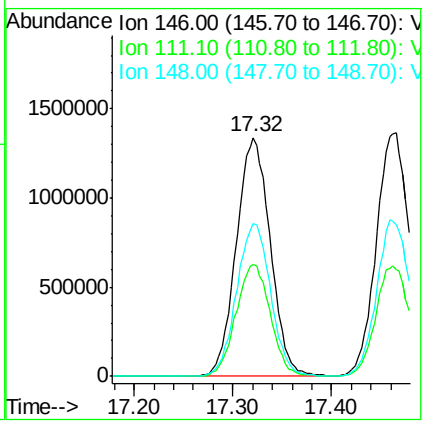


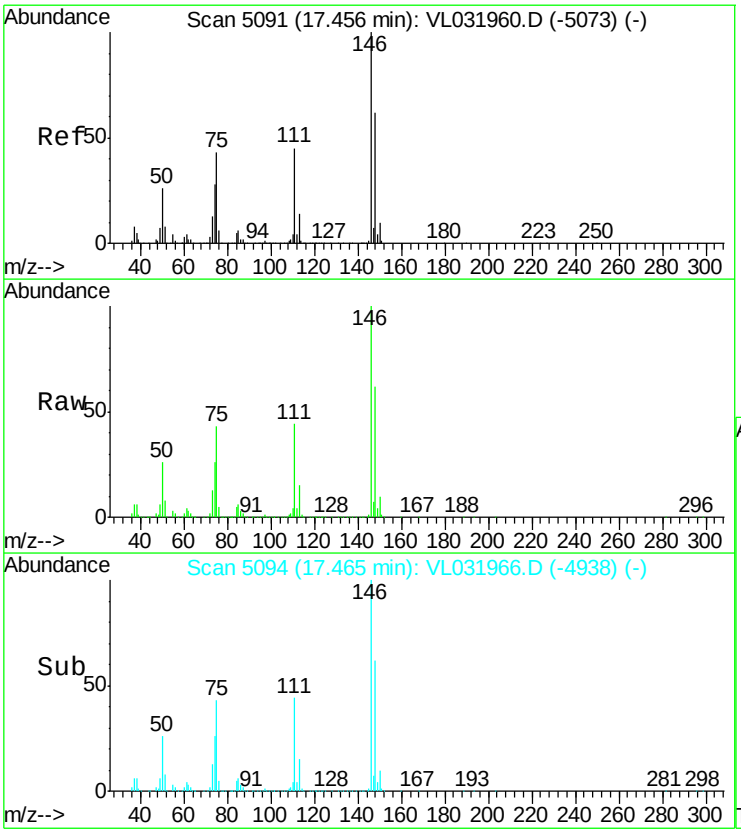
#75
1,3-Dichlorobenzene
Concen: 14.107 ppbv
RT: 17.32 min Scan# 5049
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3198986

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.8	71.4
148	64.1	32.0	96.2

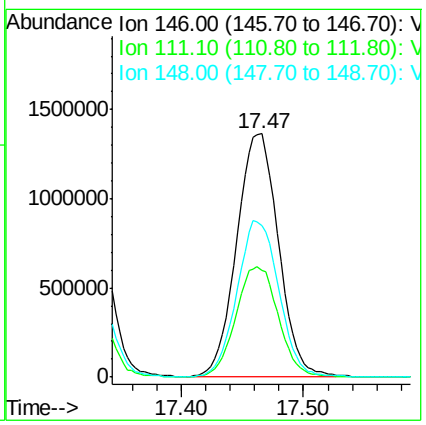


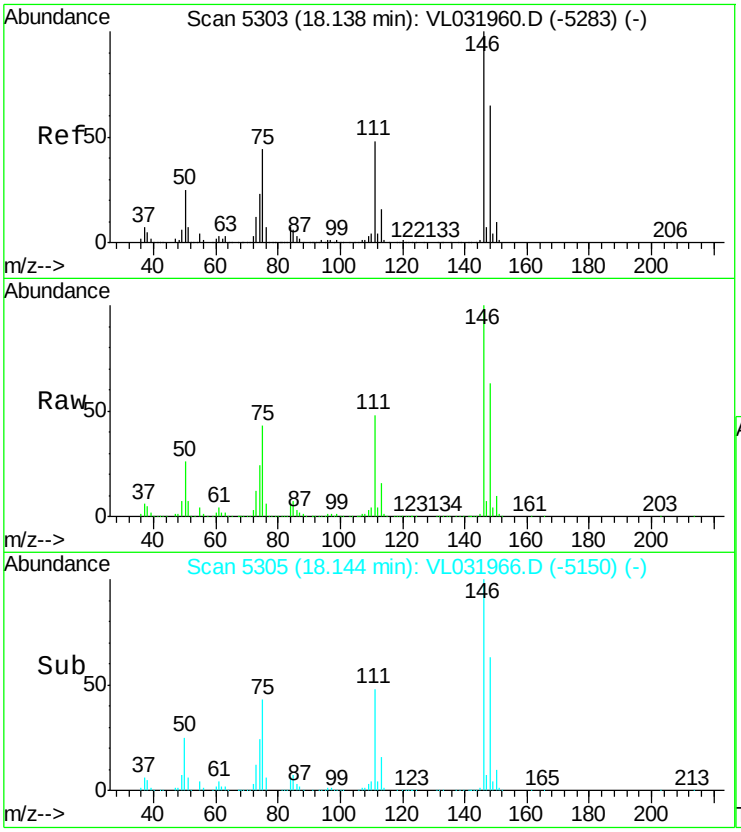


#76
1,4-Dichlorobenzene
Concen: 14.596 ppbv
RT: 17.47 min Scan# 5094
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:146 Resp: 3210799

Ion	Ratio	Lower	Upper
146	100		
111	46.5	22.9	68.7
148	64.7	32.0	96.0



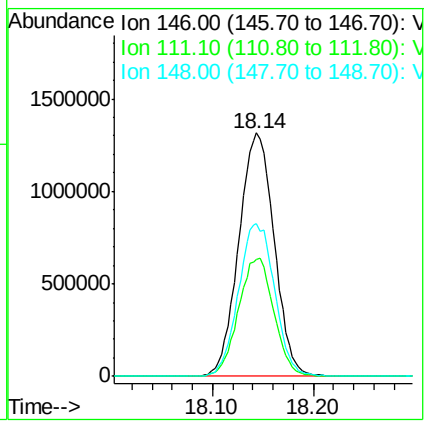


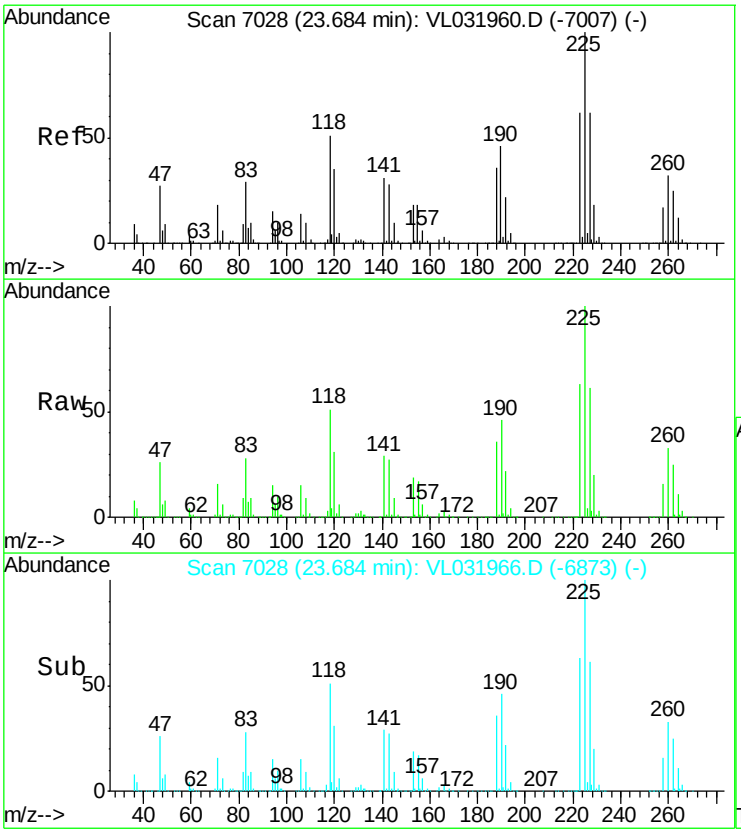
#77
1,2-Dichlorobenzene
Concen: 14.314 ppbv
RT: 18.14 min Scan# 5305
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3196091

Ion	Ratio	Lower	Upper
146	100		
111	48.7	24.3	72.8
148	64.3	31.8	95.3

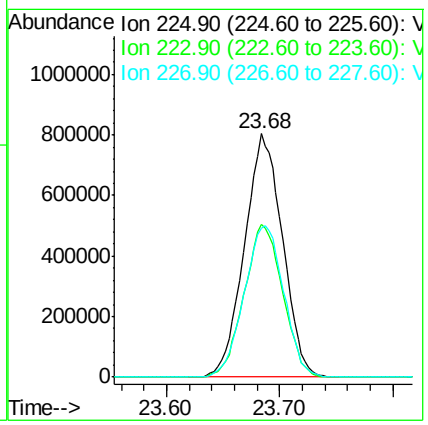


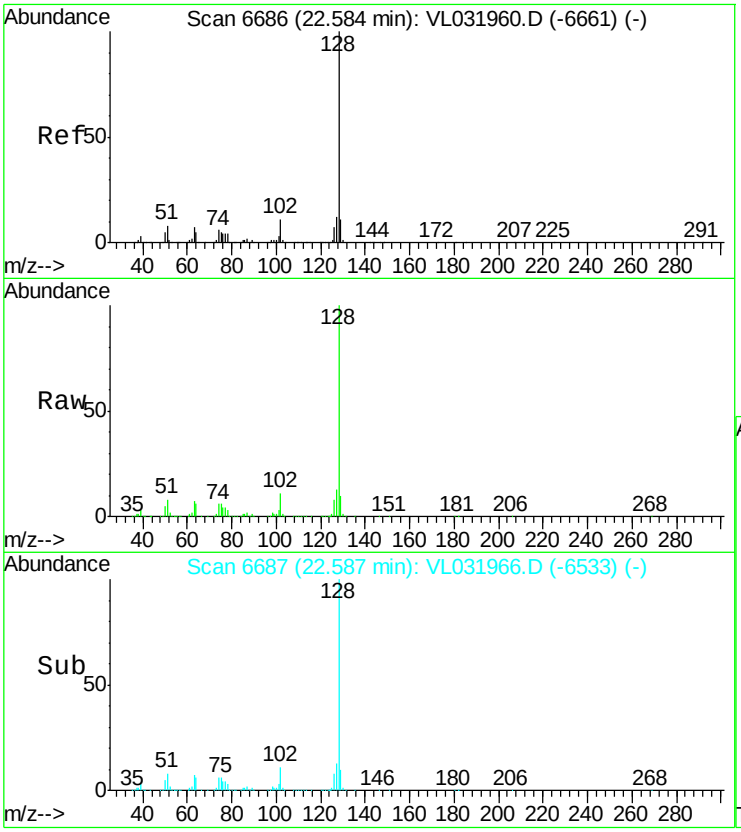


#78
Hexachloro-1,3-Butadiene
Concen: 21.864 ppbv
RT: 23.68 min Scan# 7028
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:225 Resp: 1874780

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.7	52.2	78.4



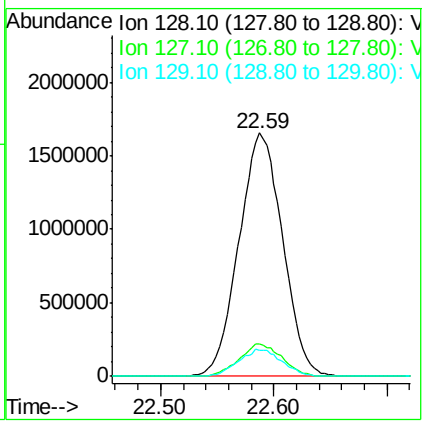


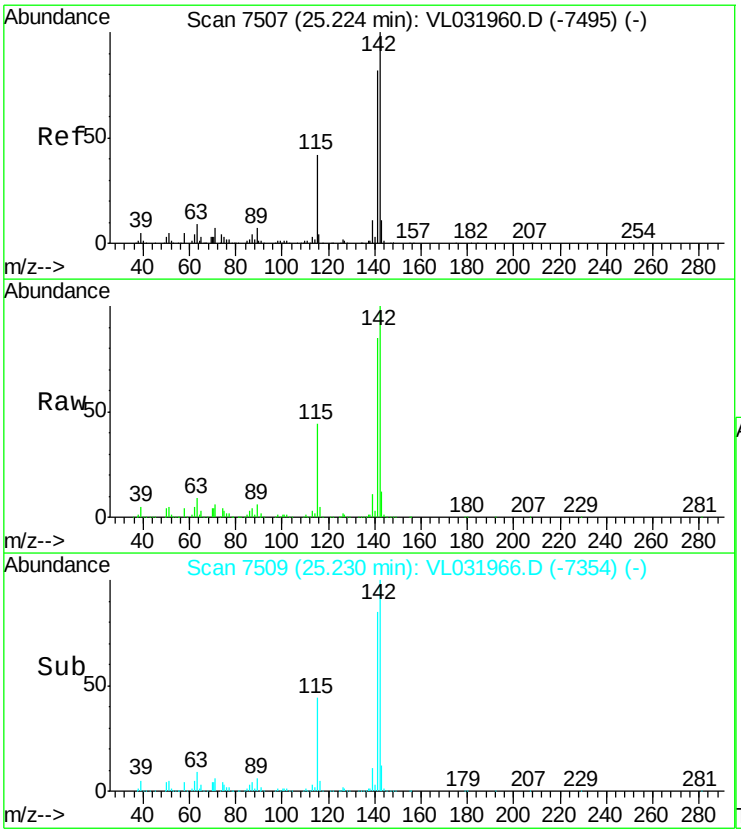
#79
Naphthalene
Concen: 21.304 ppbv
RT: 22.59 min Scan# 6687
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 4433775

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.5	9.4	14.2

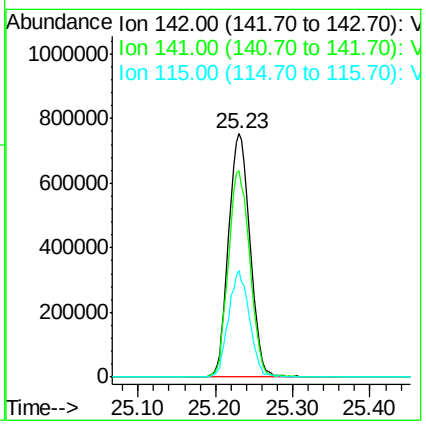


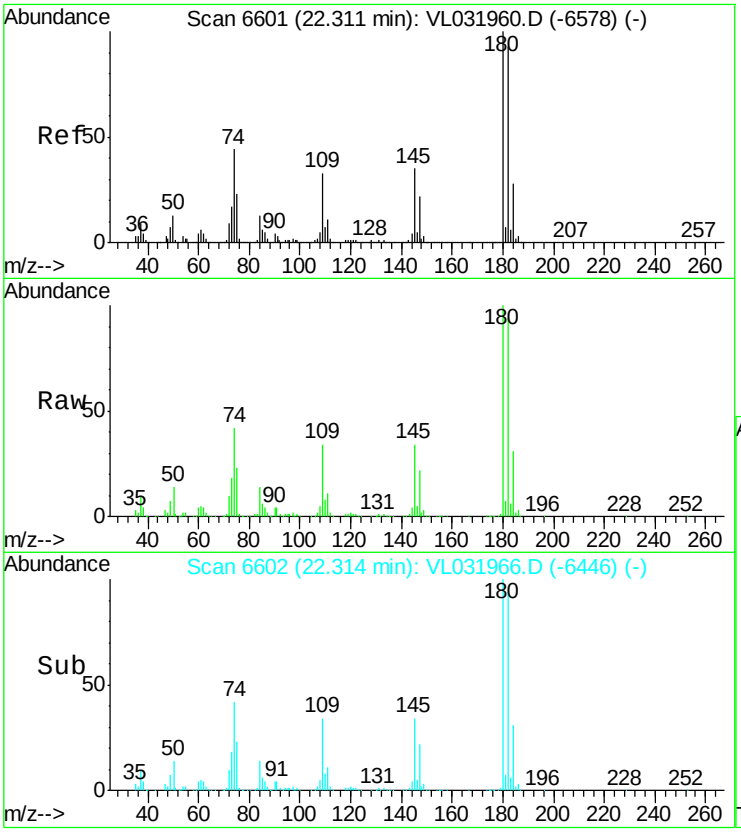


#80
Naphthalene,2-methyl-
Concen: 35.242 ppbv
RT: 25.23 min Scan# 7509
Delta R.T. -0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Tgt Ion:142 Resp: 1431765

Ion	Ratio	Lower	Upper
142	100		
141	85.0	67.0	100.4
115	42.5	35.3	52.9





#81
1,2,4-Trichlorobenzene
Concen: 19.017 ppbv
RT: 22.31 min Scan# 6602
Delta R.T. 0.00 min
Lab File: VL031966.D
Acq: 3 May 2018 15:21

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 2195773

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
184	30.6	24.2	36.2