Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033533.D
Acq On : 4 Apr 2019 14:48
Operator : SY/AP
Sample : VL0404ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Quant Time: Apr 05 01:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1134537	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2694618	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3345140	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2215697	8.45	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	1784929	10.787	ppbv	96
3) Chlorodifluoromethane	3.01	51	1040441	7.966	ppbv	100
4) Chloromethane	3.17	50	562756	8.142	ppbv	97
5) Vinyl Chloride	3.29	62	558460	8.224	ppbv	96
6) Bromomethane	3.51	94	368146	8.436	ppbv	94
7) Chloroethane	3.60	64	209169	8.276	ppbv	100
8) Dichlorotetrafluoroethane	3.22	85	1439246	8.163	ppbv	99
9) Propene	3.03	41	451173	8.225	ppbv	100
10) Heptane	8.25	43	1179619	8.045	ppbv	99
11) Trichlorofluoromethane	4.00	101	1672526	8.202	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1134563	8.283	ppbv	100
13) Ethanol	3.65	45	136007	9.582	ppbv	64
14) Bromoethene	3.79	108	464724	8.507	ppbv	99
15) Acetone	3.90	43	1048009	7.682	ppbv	98
16) 1,3-Butadiene	3.36	39	474837	8.776	ppbv	92
17) tert-Butyl alcohol	4.35	59	214702	8.560	ppbv	100
18) 1,1-Dichloroethene	4.35	96	499809	8.495	ppbv	99
19) Isopropyl Alcohol	4.02	45	760121	8.809	ppbv	99
20) Methylene Chloride	4.41	84	434881	7.510	ppbv	97
21) Allyl Chloride	4.47	41	750539	8.703	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	514317	8.379	ppbv	97
23) Vinyl Acetate	5.16	43	1703983	8.776	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1187309	8.050	ppbv	100
25) Ethyl Acetate	5.77	43	1976149	7.808	ppbv	100
26) Hexane	5.78	57	887919	7.890	ppbv	98
27) Carbon Disulfide	4.62	76	1239543	9.262	ppbv	100
28) Methyl tert-Butyl Ether	5.11	73	1427751	8.808	ppbv	100
29) Chloroform	5.85	83	1512407	7.840	ppbv	99
30) Cyclohexane	7.25	84	759896	8.535	ppbv	99
31) cis-1,2-Dichloroethene	5.64	61	948138	8.474	ppbv	98
32) 1,1,1-Trichloroethane	6.62	97	1581075	8.607	ppbv	99
34) 2-Butanone	5.33	43	1344026	8.302	ppbv	100
35) Carbon Tetrachloride	7.13	117	1675274	8.778	ppbv	99
36) Benzene	7.00	78	1845910	8.164	ppbv	99
37) 1,2-Dichloroethane	6.41	62	1184727	7.818	ppbv	100
38) Trichloroethene	7.96	130	745035	8.756	ppbv	99
39) 1,2-Dichloropropane	7.74	63	695011	7.847	ppbv	97
40) 1,4-Dioxane	7.95	88	290178	9.186	ppbv	79
41) Tetrahydrofuran	6.15	42	732296	8.224	ppbv	98
42) Bromodichloromethane	7.92	83	1680518	8.142	ppbv	99
43) Methyl Methacrylate	8.13	69	769098	8.377	ppbv	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033533.D
Acq On : 4 Apr 2019 14:48
Operator : SY/AP
Sample : VL0404ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Quant Time: Apr 05 01:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	3166024	8.013	ppbv		100
45) t-1,3-Dichloropropene	9.41	75	1095610	9.720	ppbv		100
46) cis-1,3-Dichloropropene	8.84	75	1189247	9.035	ppbv		96
47) 1,1,2-Trichloroethane	9.61	97	799233	7.947	ppbv		97
48) Dibromochloromethane	10.45	129	1488881	8.777	ppbv		99
49) Bromoform	13.20	173	1375170	8.486	ppbv		100
50) 4-Methyl-2-Pentanone	8.87	43	1960032	8.268	ppbv		99
51) 2-Hexanone	10.27	43	1555108	8.794	ppbv	#	99
52) Tetrachloroethene	11.37	164	736662	8.635	ppbv		97
53) Toluene	9.95	91	2259520	8.600	ppbv		99
54) 1,2-Dibromoethane	10.76	107	1294766	8.231	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.28	131	1044959	6.816	ppbv	#	55
57) Chlorobenzene	12.30	112	1753274	6.750	ppbv		95
58) Ethyl Benzene	12.86	91	3211780	7.190	ppbv		99
59) m/p-Xylene	13.15	91	2690020	6.742	ppbv	#	100
60) o-Xylene	13.85	91	2722764	7.057	ppbv		100
61) Styrene	13.69	104	2005904	7.575	ppbv		99
62) Isopropylbenzene	14.82	105	3750912	6.865	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.83	83	1874124	6.597	ppbv		100
64) n-propylbenzene	15.72	120	976887	7.046	ppbv		98
65) tert-Butylbenzene	16.91	119	3423528	7.110	ppbv		99
66) Benzyl Chloride	17.15	91	1964967	8.777	ppbv		99
67) sec-Butylbenzene	17.46	105	4828419	7.052	ppbv		100
69) p-Isopropyltoluene	17.81	119	4034147	7.236	ppbv		100
70) n-Butylbenzene	18.71	91	4284361	7.253	ppbv		99
71) 2-Chlorotoluene	15.61	91	2896479	6.972	ppbv		99
72) 4-Ethyltoluene	16.00	105	3126495	7.209	ppbv		99
73) 1,3,5-Trimethylbenzene	16.15	105	3008698	7.249	ppbv		99
74) 1,2,4-Trimethylbenzene	16.93	105	3156986	7.097	ppbv		96
75) 1,3-Dichlorobenzene	17.16	146	1870044	6.801	ppbv		99
76) 1,4-Dichlorobenzene	17.31	146	1867256	6.970	ppbv		100
77) 1,2-Dichlorobenzene	17.99	146	1835131	7.034	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	1398860	8.100	ppbv		99
79) Naphthalene	22.41	128	3052212	8.015	ppbv		98
80) Naphthalene,2-methyl-	25.11	142	1239364	9.698	ppbv		98
81) 1,2,4-Trichlorobenzene	22.14	180	1584629	7.502	ppbv		100

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

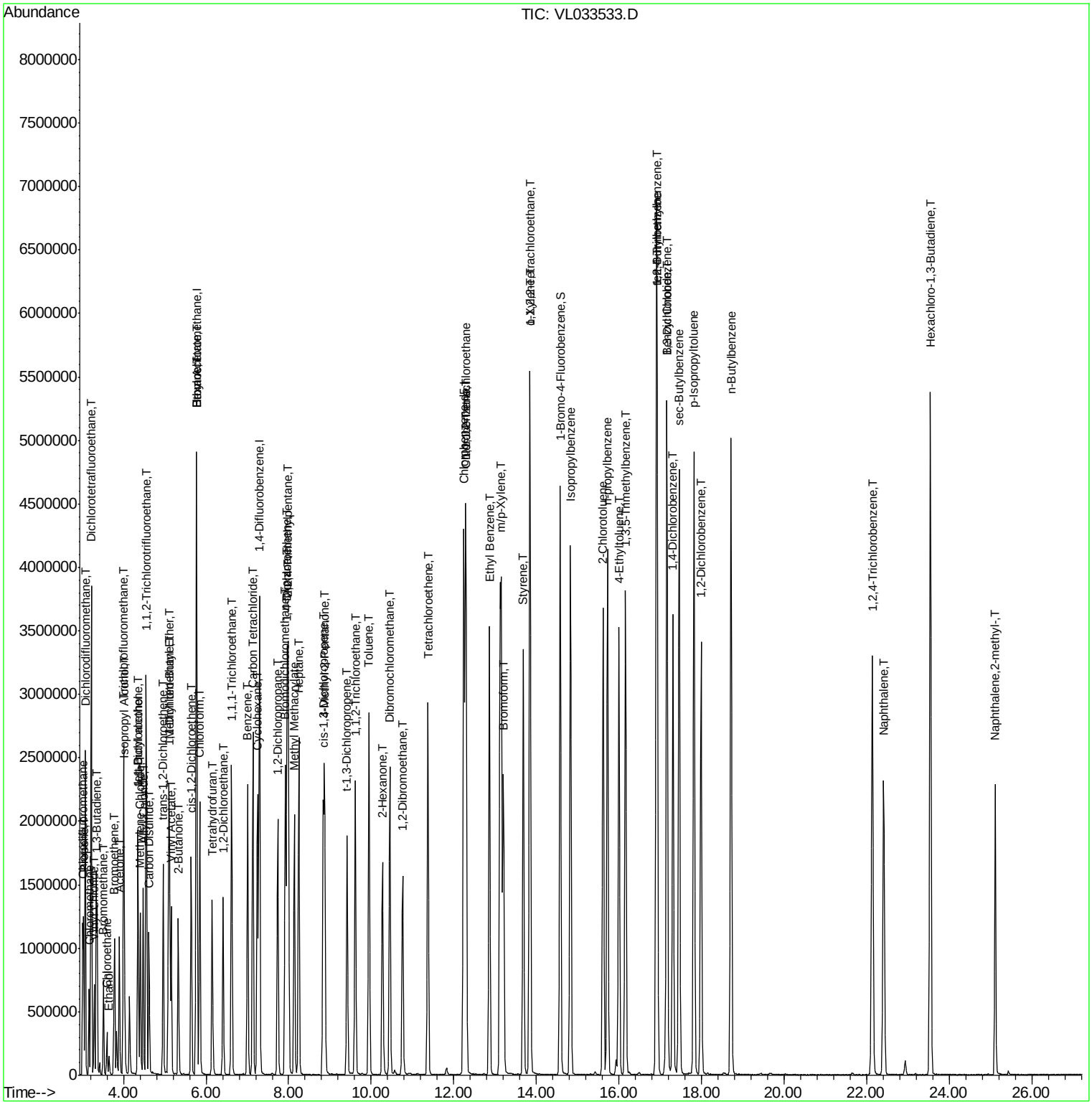
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

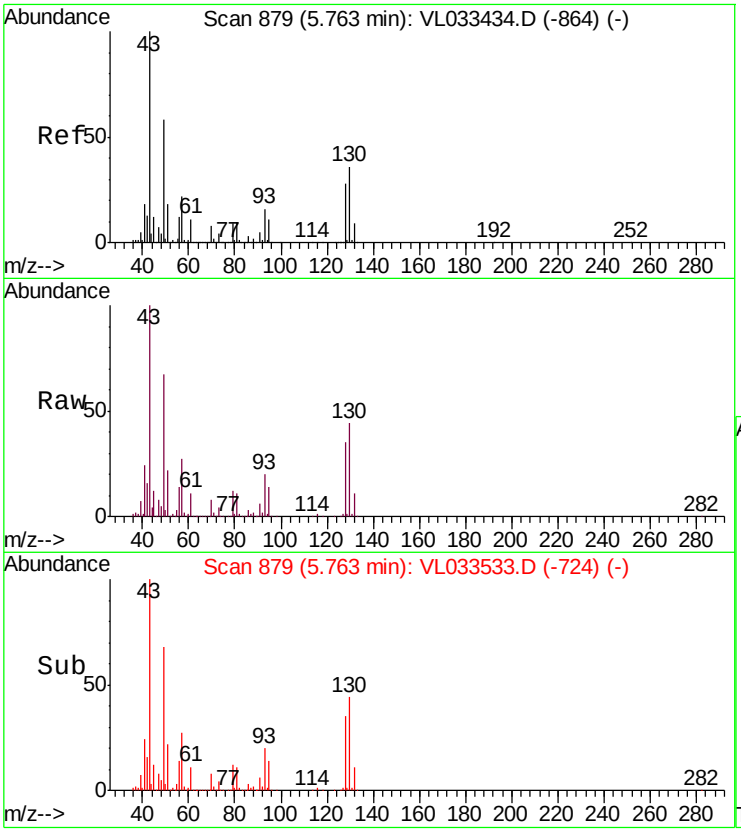
Quantitation Report (Not Reviewed)

Data File : VL033533.D
Acq On : 4 Apr 2019 14:48
Operator : SY/AP
Sample : VL0404ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Quant Time: Apr 05 01:55:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



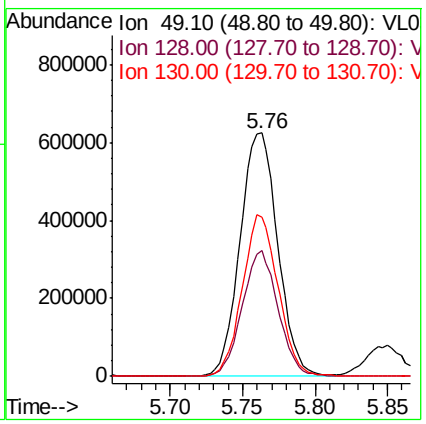


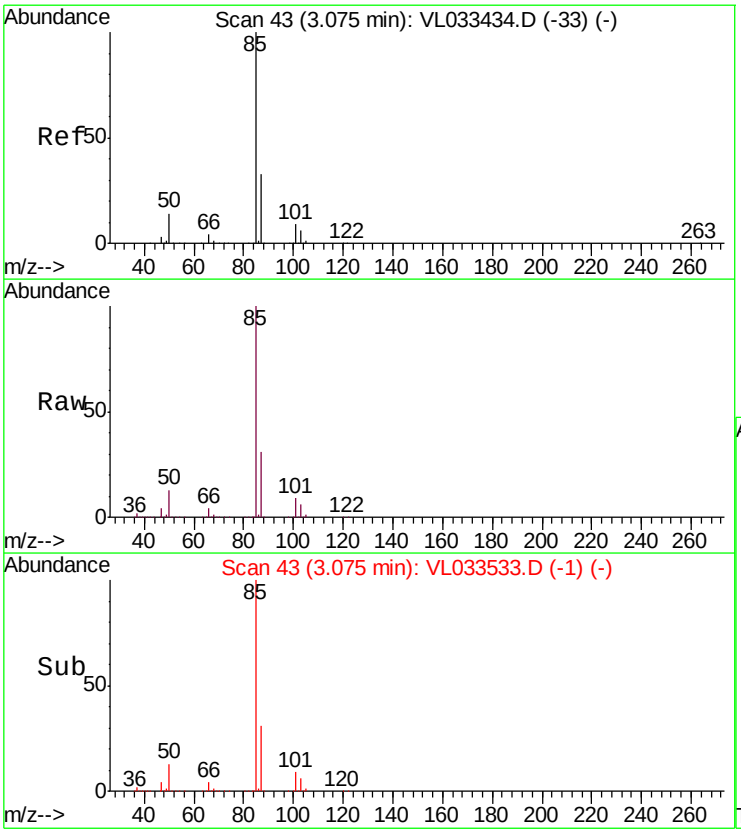
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 49 Resp: 1134537

Ion	Ratio	Lower	Upper
49	100		
128	49.4	24.0	72.0
130	63.1	31.2	93.6

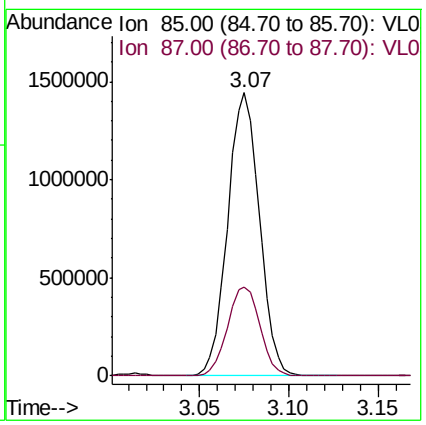


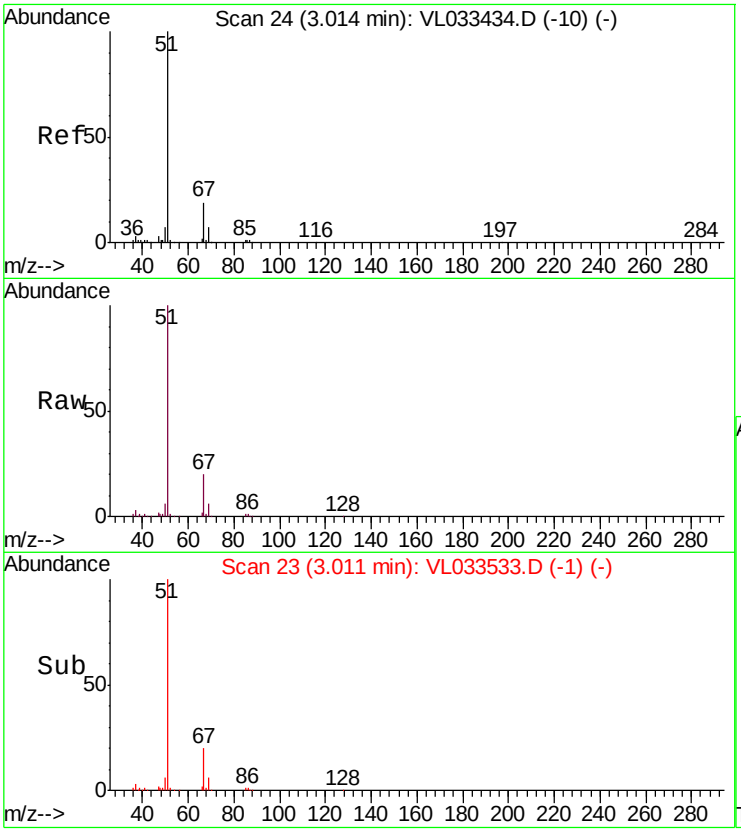


#2
Dichlorodifluoromethane
Concen: 10.787 ppbv
RT: 3.07 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 85 Resp: 1784929

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.7	40.1



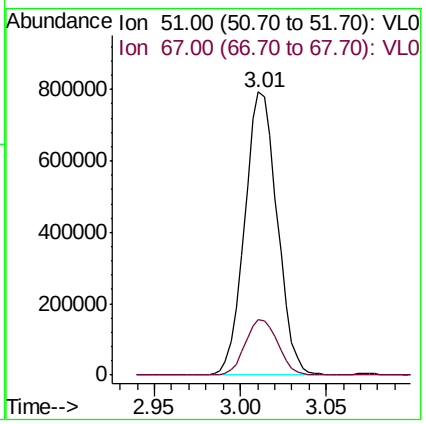


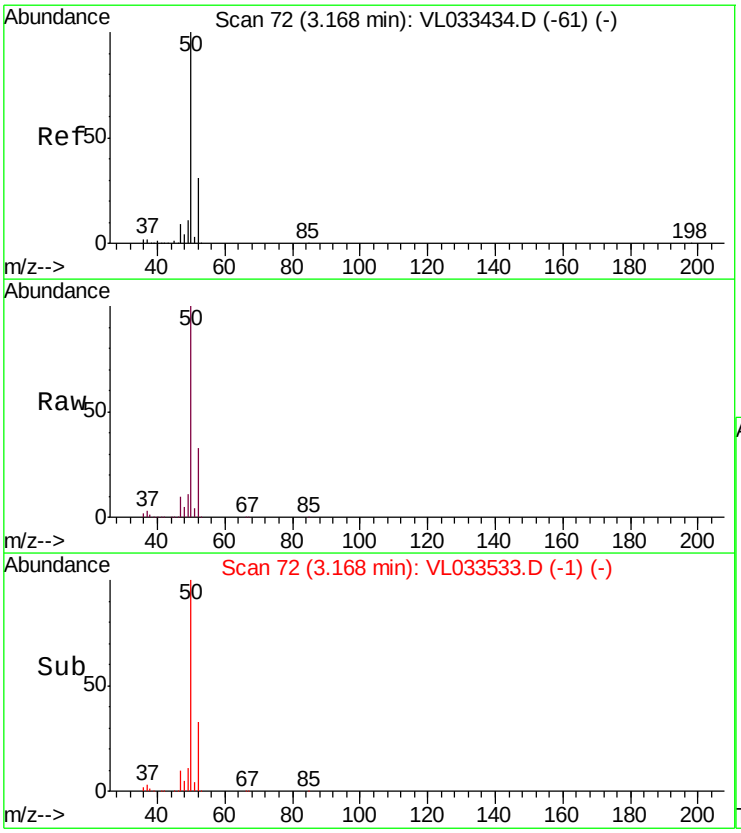
#3
Chlorodifluoromethane
Concen: 7.966 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 51 Resp: 1040441

Ion	Ratio	Lower	Upper
51	100		
67	19.8	15.7	23.5

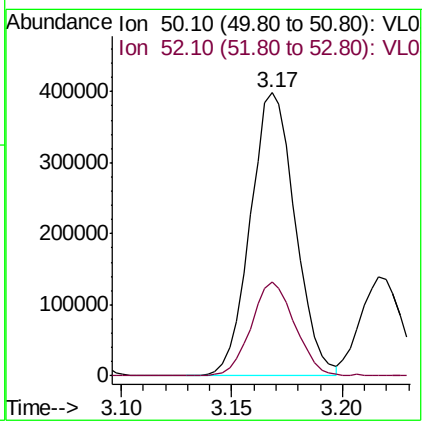


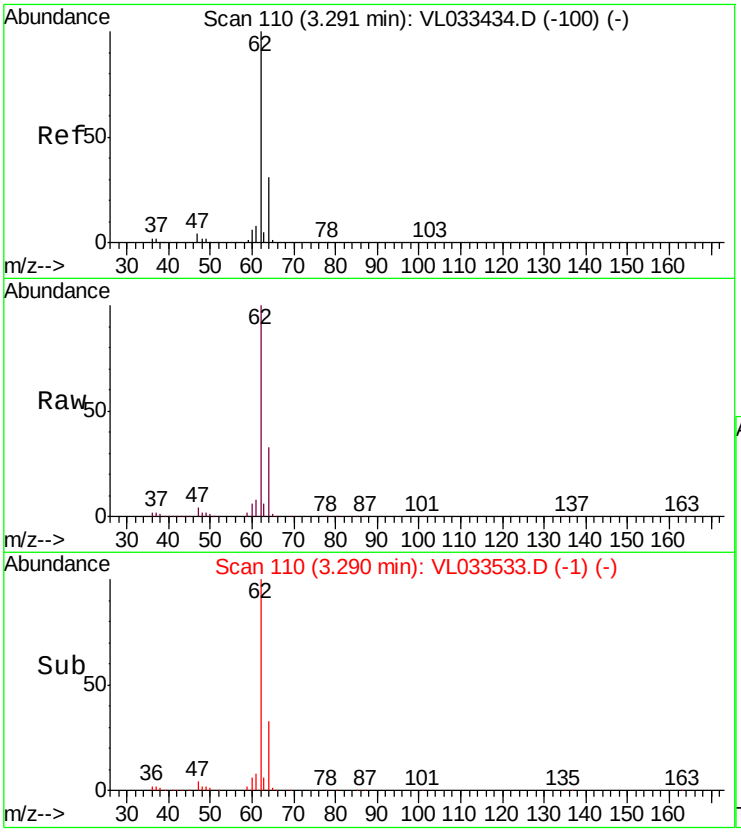


#4
Chloromethane
Concen: 8.142 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 50 Resp: 562756

Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.0	37.6



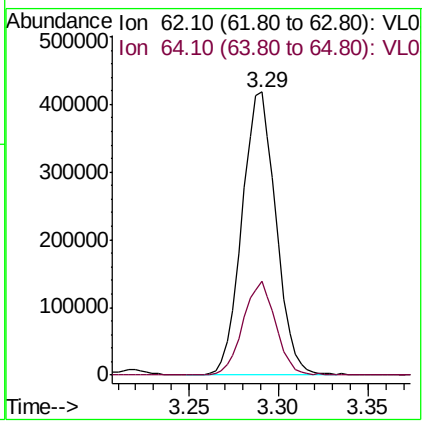


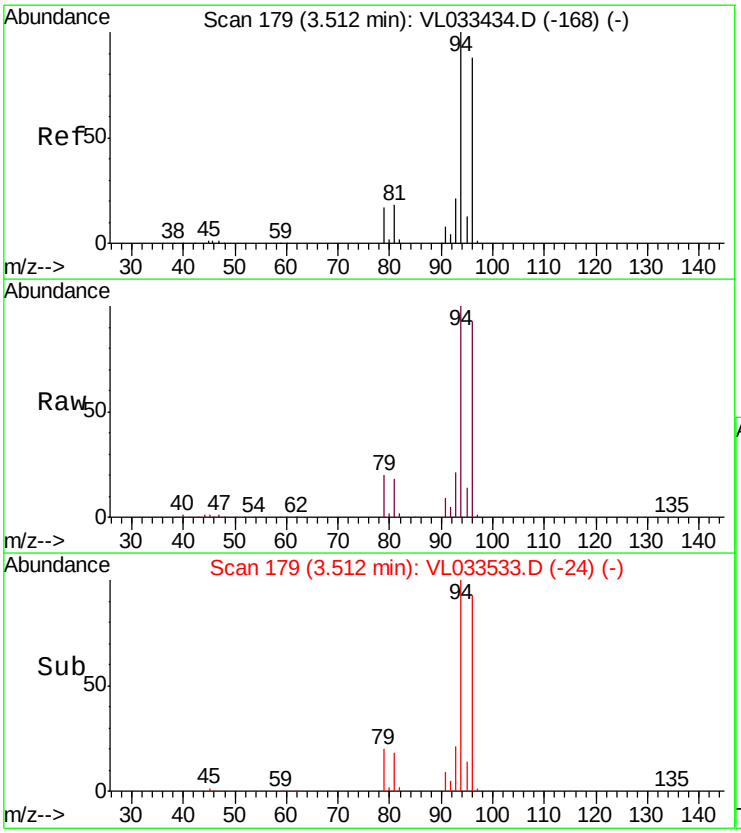
#5
Vinyl Chloride
Concen: 8.224 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 62 Resp: 558460

Ion	Ratio	Lower	Upper
62	100		
64	33.1	24.9	37.3

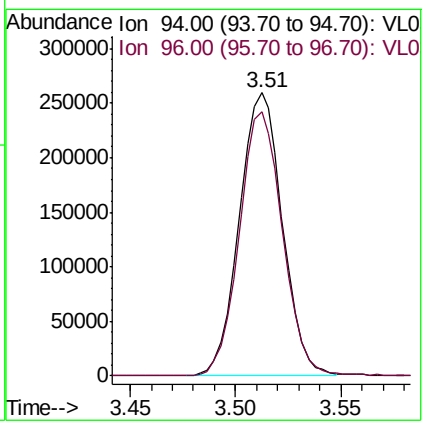


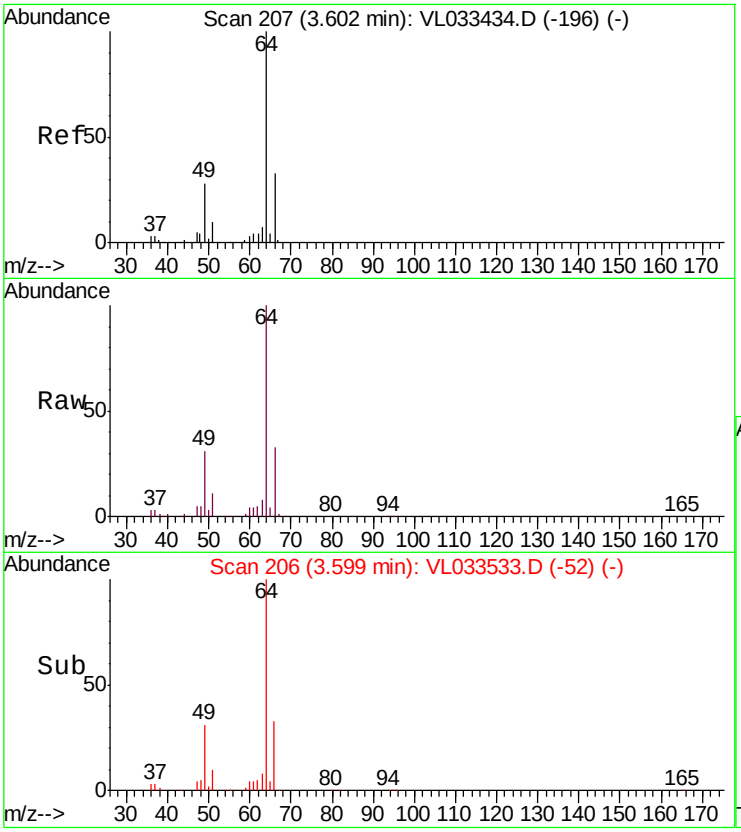


#6
Bromomethane
Concen: 8.436 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 94 Resp: 368146

Ion	Ratio	Lower	Upper
94	100		
96	93.3	70.2	105.2



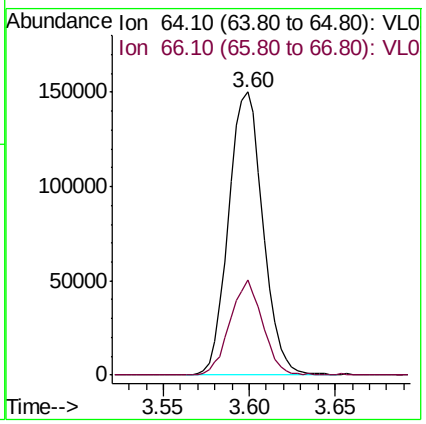


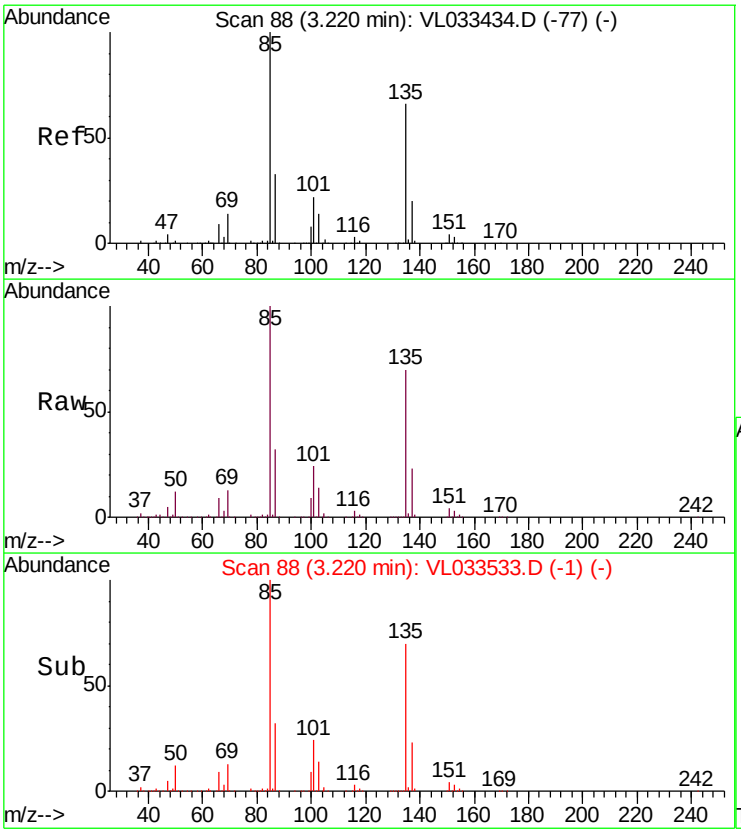
#7
Chloroethane
Concen: 8.276 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 64 Resp: 209169

Ion	Ratio	Lower	Upper
64	100		
66	33.4	26.7	40.1

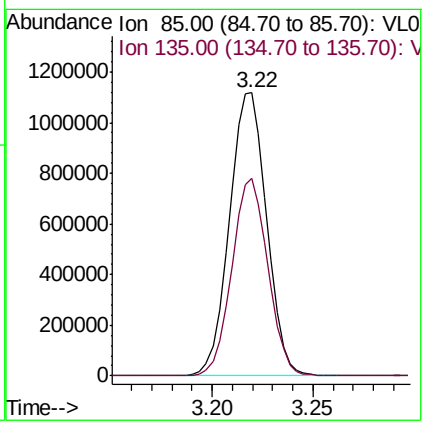


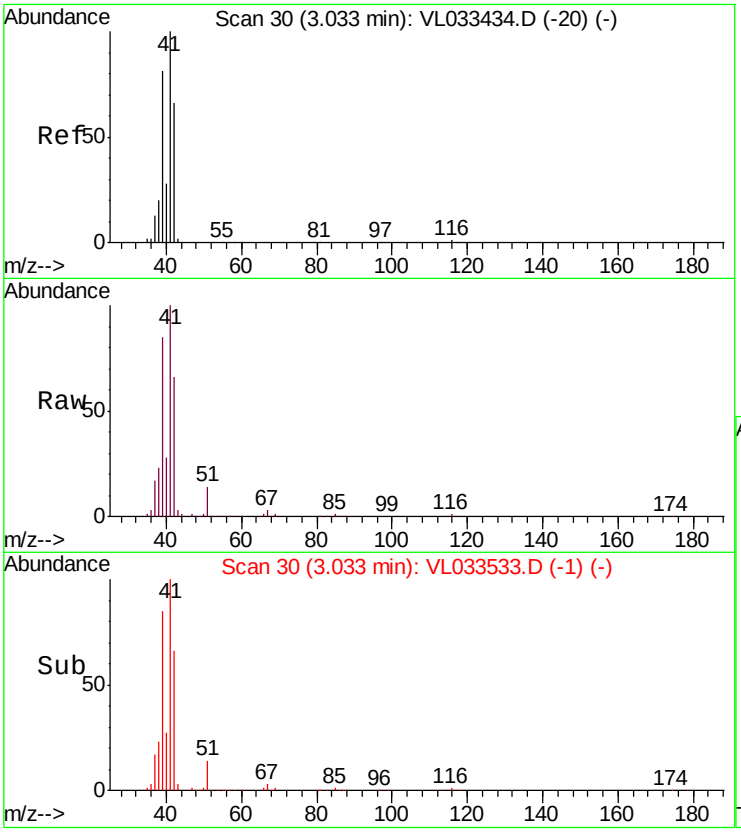


#8
Dichlorotetrafluoroethane
Concen: 8.163 ppbv
RT: 3.22 min Scan# 88
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 85 Resp: 1439246

Ion	Ratio	Lower	Upper
85	100		
135	68.1	54.0	81.0



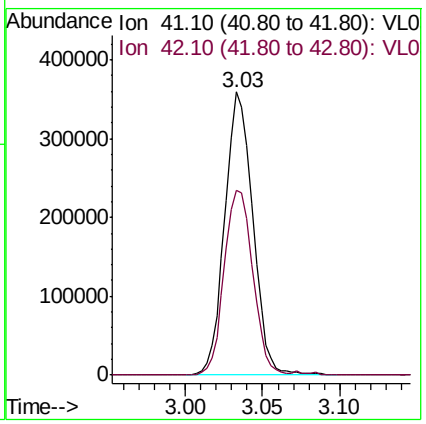


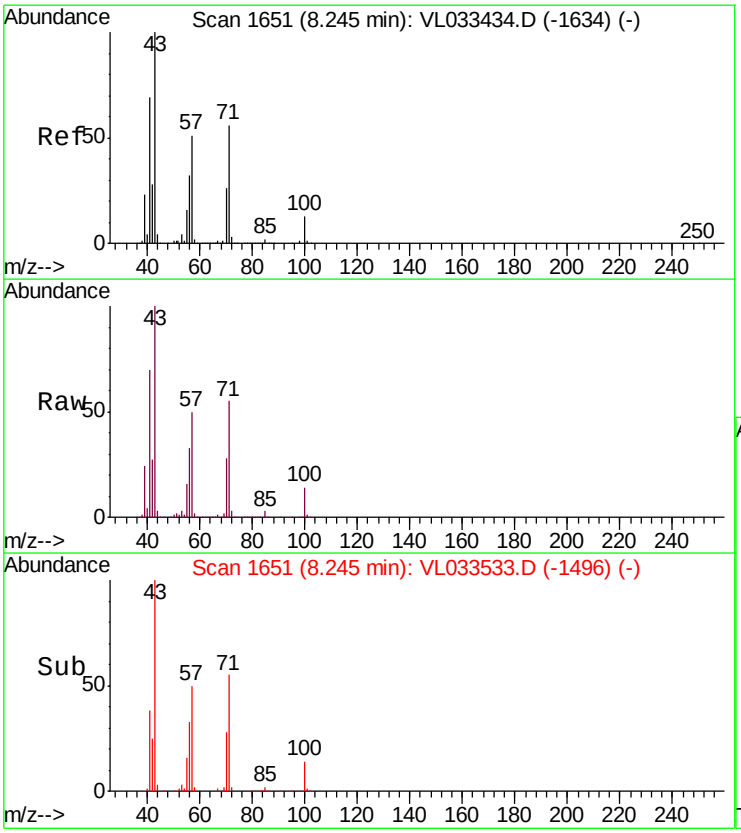
#9
Propene
Concen: 8.225 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 41 Resp: 451173

Ion	Ratio	Lower	Upper
41	100		
42	67.6	53.9	80.9

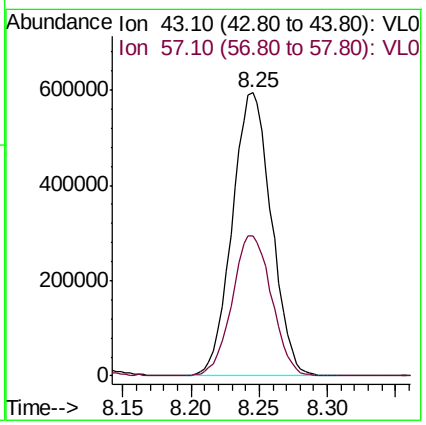


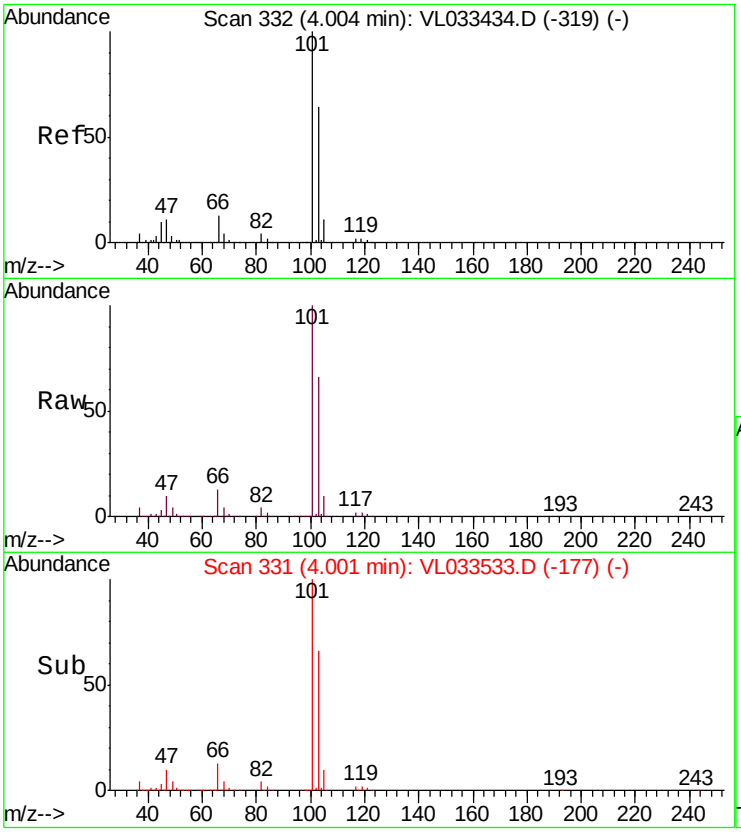


#10
Heptane
Concen: 8.045 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 43 Resp: 1179619

Ion	Ratio	Lower	Upper
43	100		
57	50.2	40.6	60.8



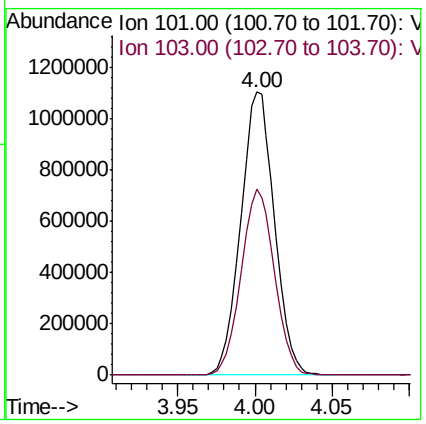


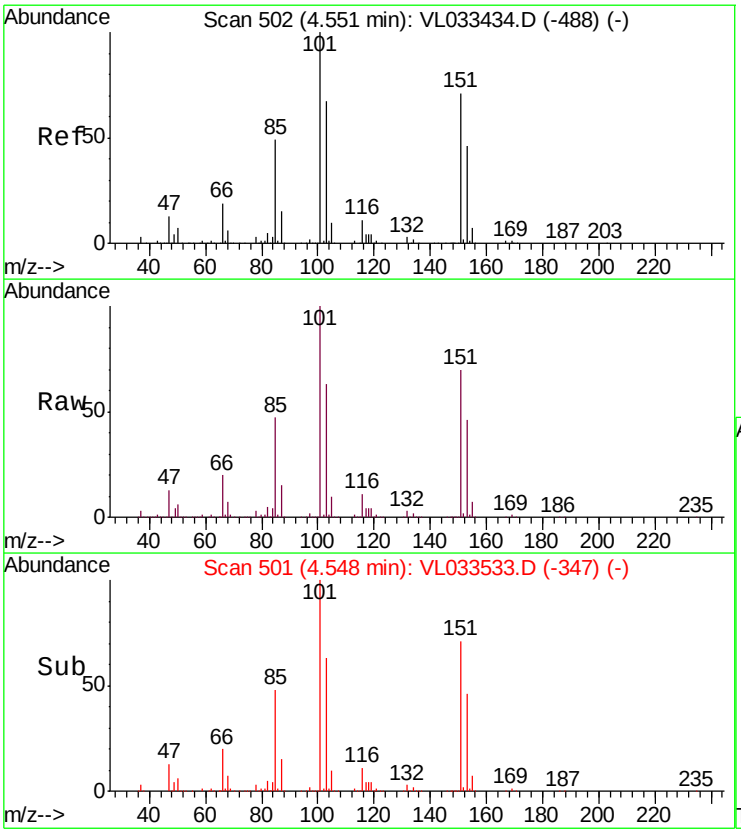
#11
Trichlorofluoromethane
Concen: 8.202 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:101 Resp: 1672526

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.3	76.9

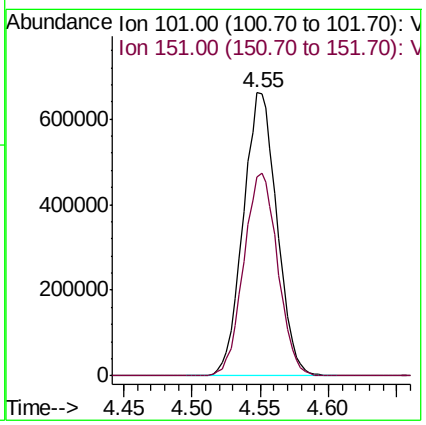


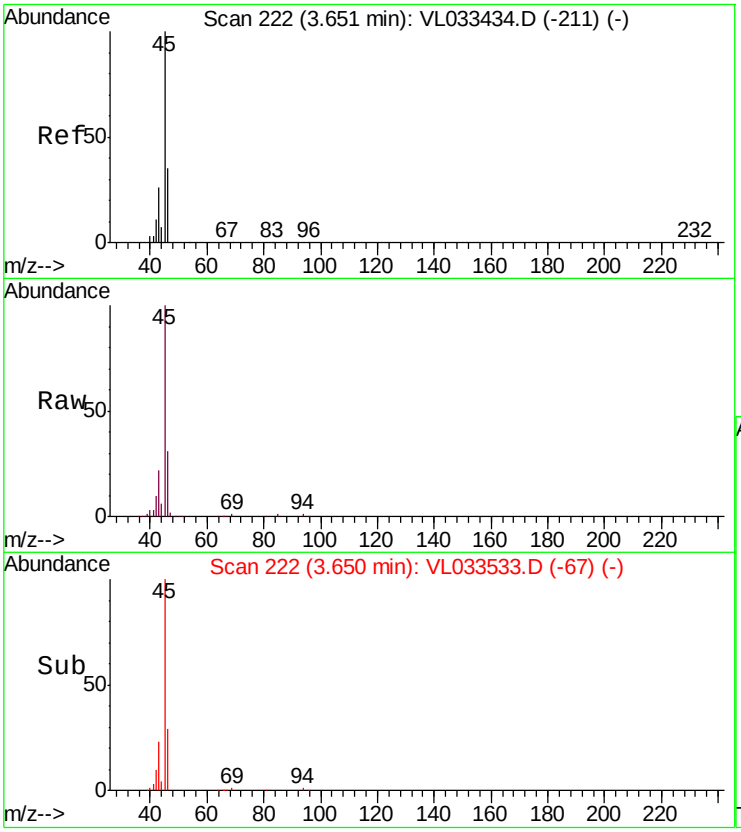


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.283 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:101 Resp: 1134563

Ion	Ratio	Lower	Upper
101	100		
151	72.3	57.7	86.5



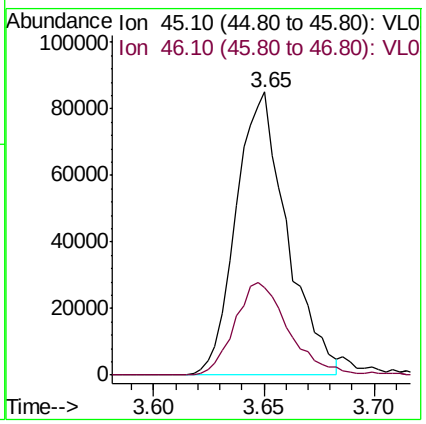


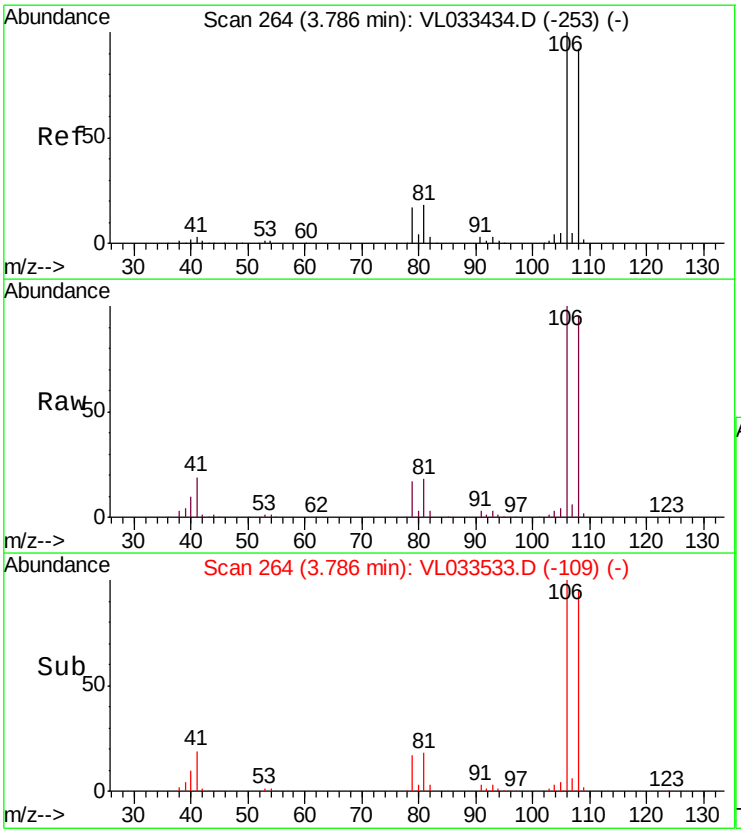
#13
Ethanol
Concen: 9.582 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 45 Resp: 136007

Ion	Ratio	Lower	Upper
45	100		
46	35.2	25.4	101.8

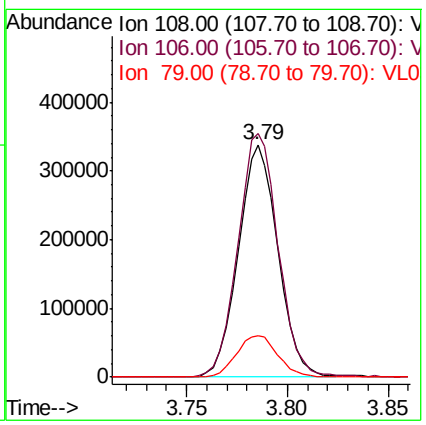


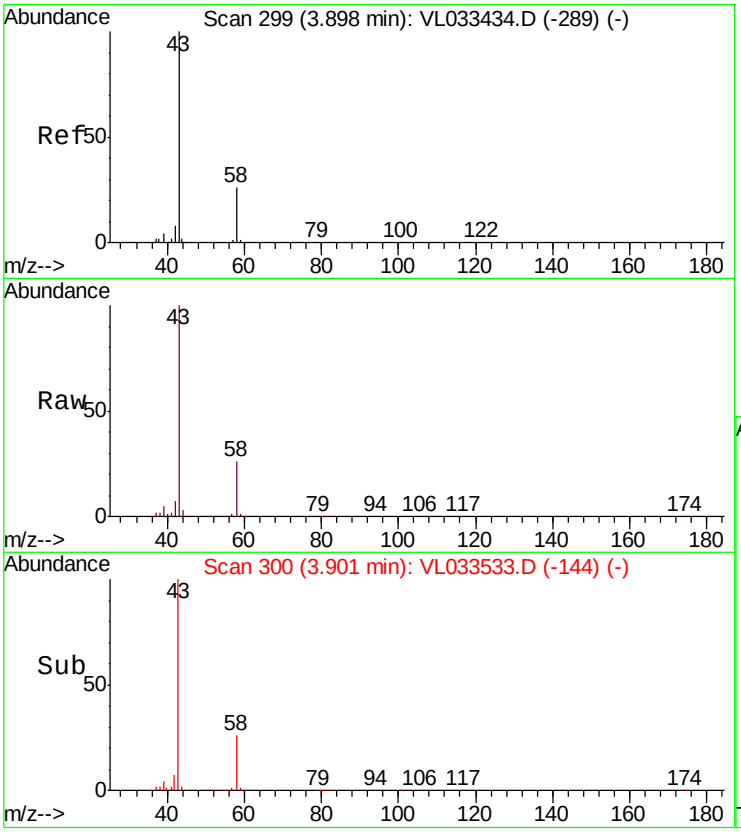


#14
Bromoethene
Concen: 8.507 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:108 Resp: 464724

Ion	Ratio	Lower	Upper
108	100		
106	107.2	86.4	129.6
79	18.9	15.8	23.8



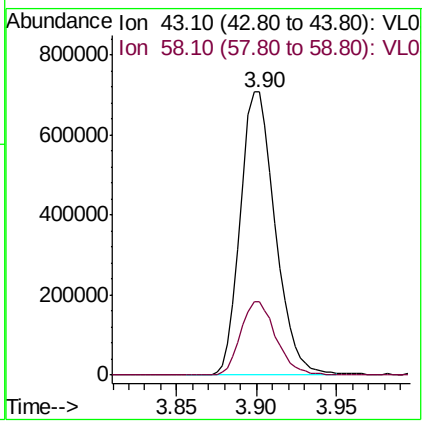


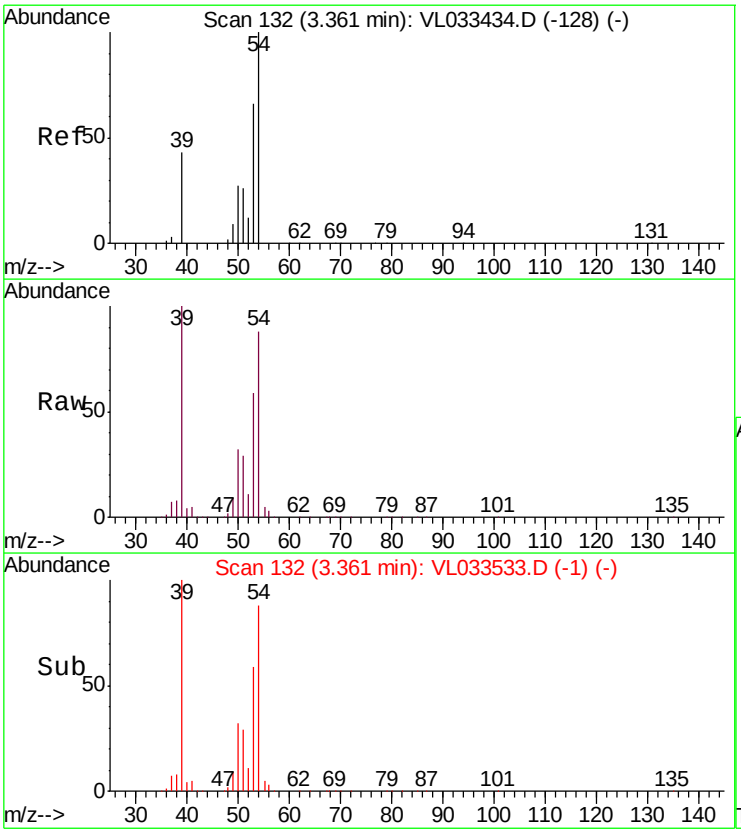
#15
Acetone
Concen: 7.682 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 43 Resp: 1048009

Ion	Ratio	Lower	Upper
43	100		
58	26.5	20.5	30.7

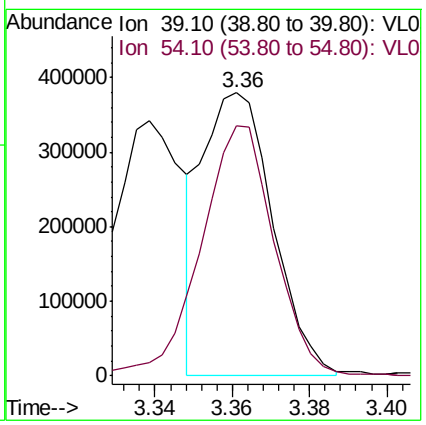


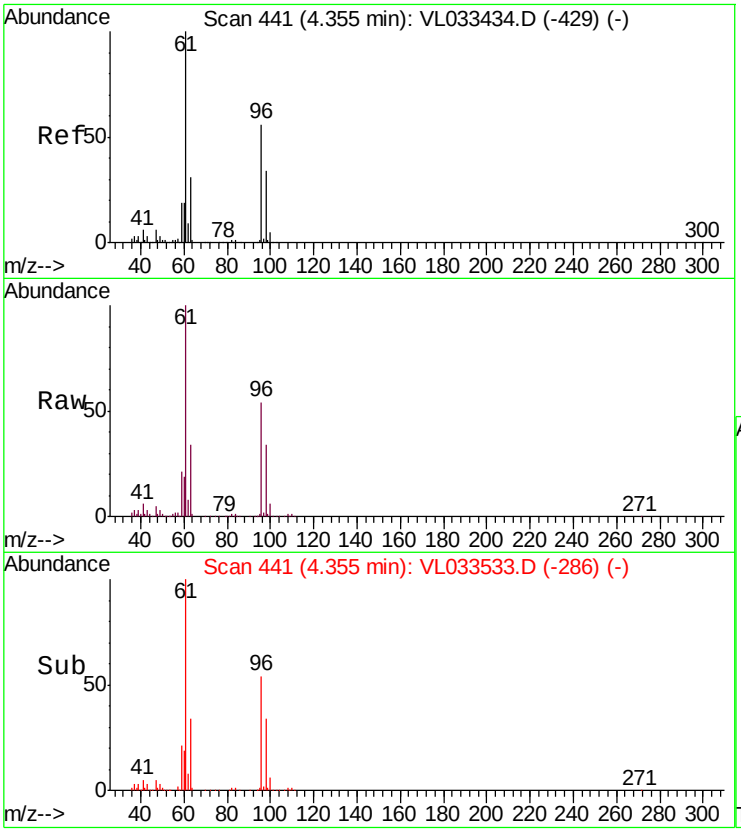


#16
1,3-Butadiene
Concen: 8.776 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 39 Resp: 474837

Ion	Ratio	Lower	Upper
39	100		
54	94.0	69.4	104.2



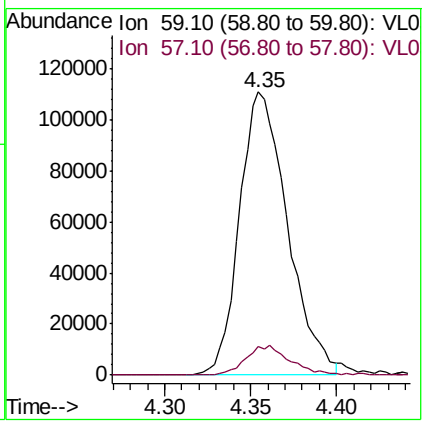


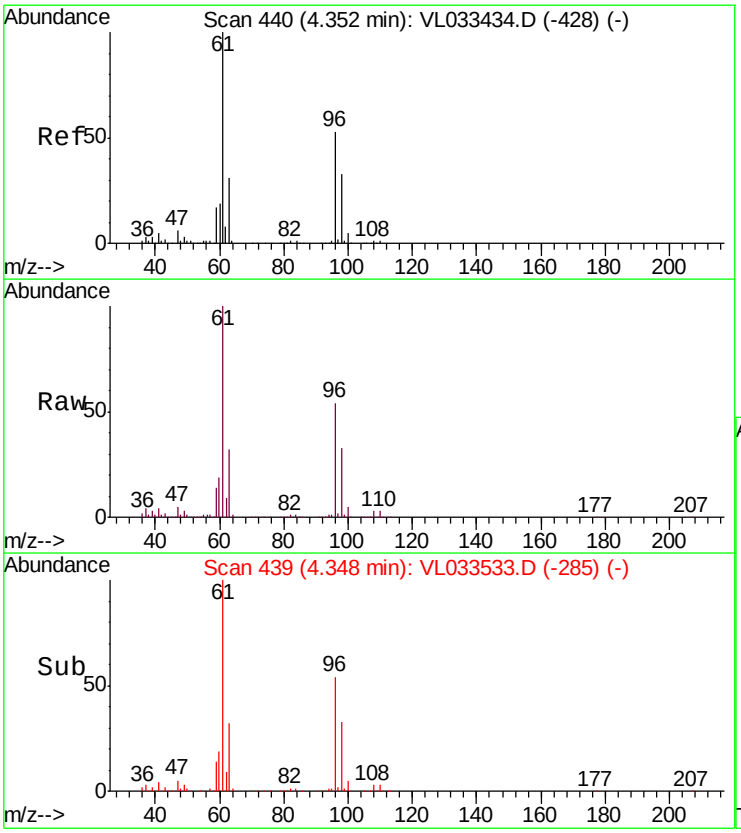
#17
tert-Butyl alcohol
Concen: 8.560 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 59 Resp: 214702

Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.8

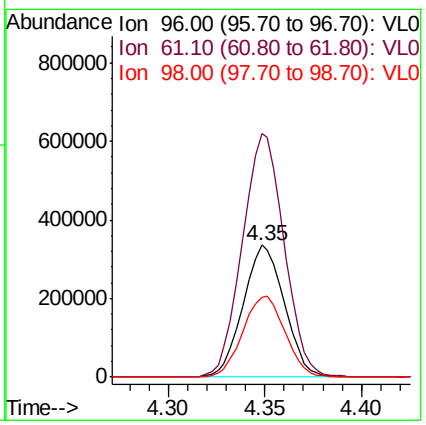


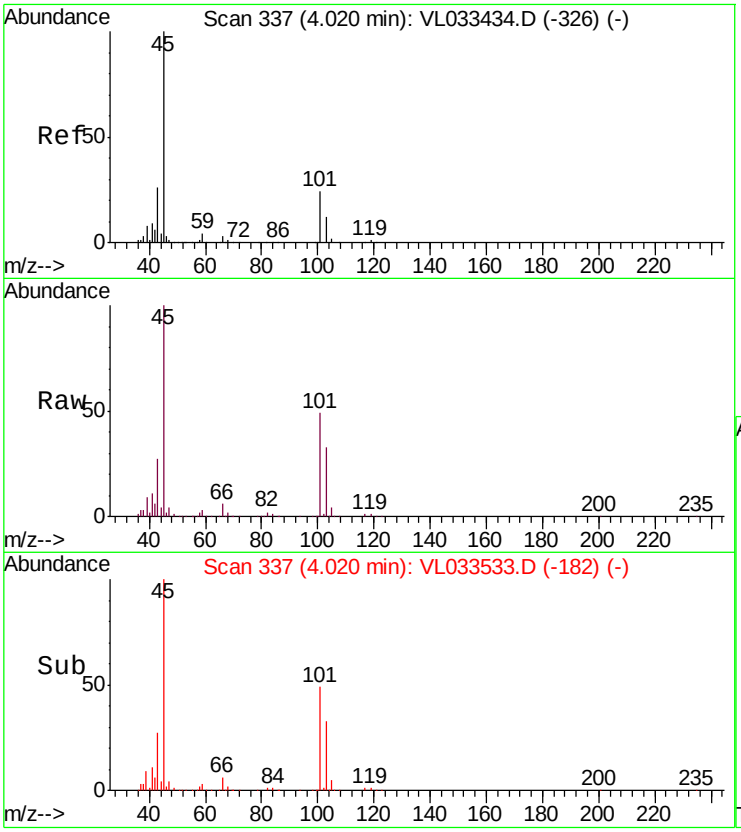


#18
1,1-Dichloroethene
Concen: 8.495 ppbv
RT: 4.35 min Scan# 439
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 96 Resp: 499809

Ion	Ratio	Lower	Upper
96	100		
61	184.6	149.8	224.6
98	60.9	48.7	73.1



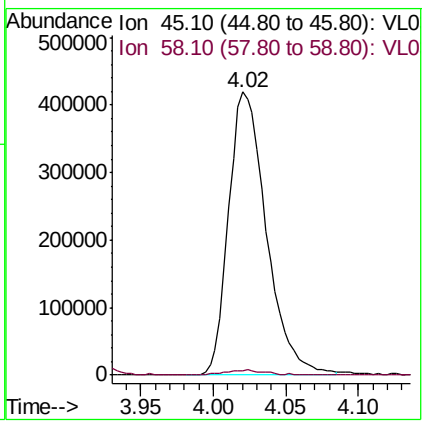


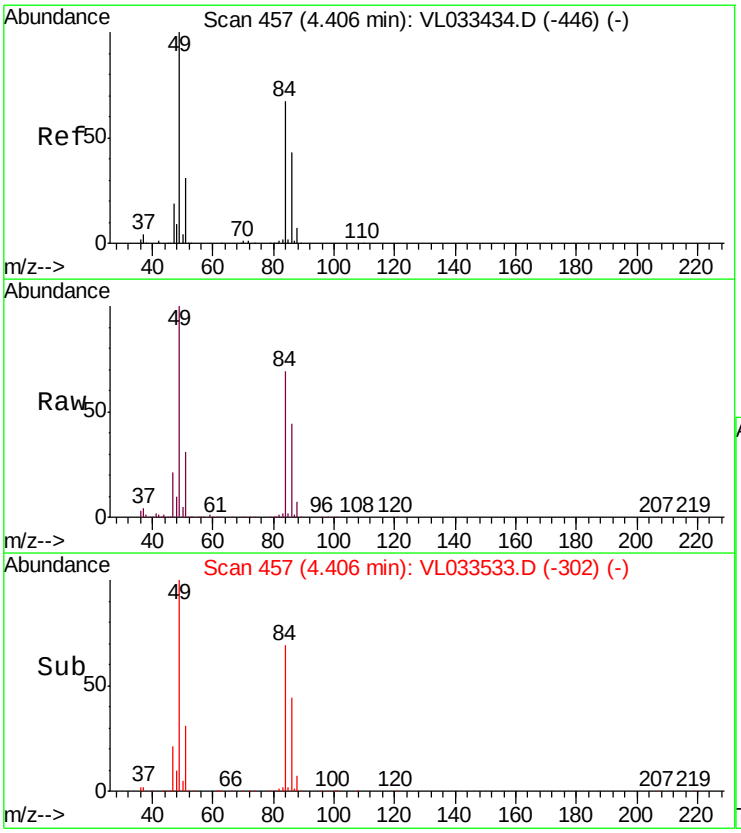
#19
Isopropyl Alcohol
Concen: 8.809 ppbv
RT: 4.02 min Scan# 337
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 45 Resp: 760121

Ion	Ratio	Lower	Upper
45	100		
58	2.1	1.4	2.2

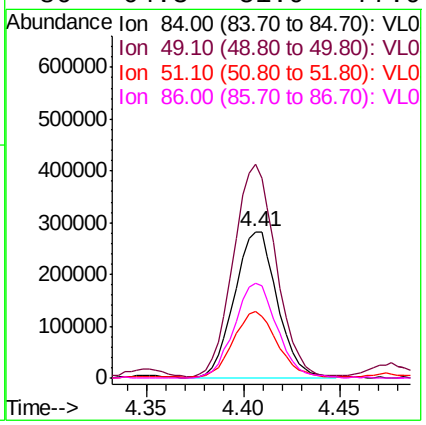


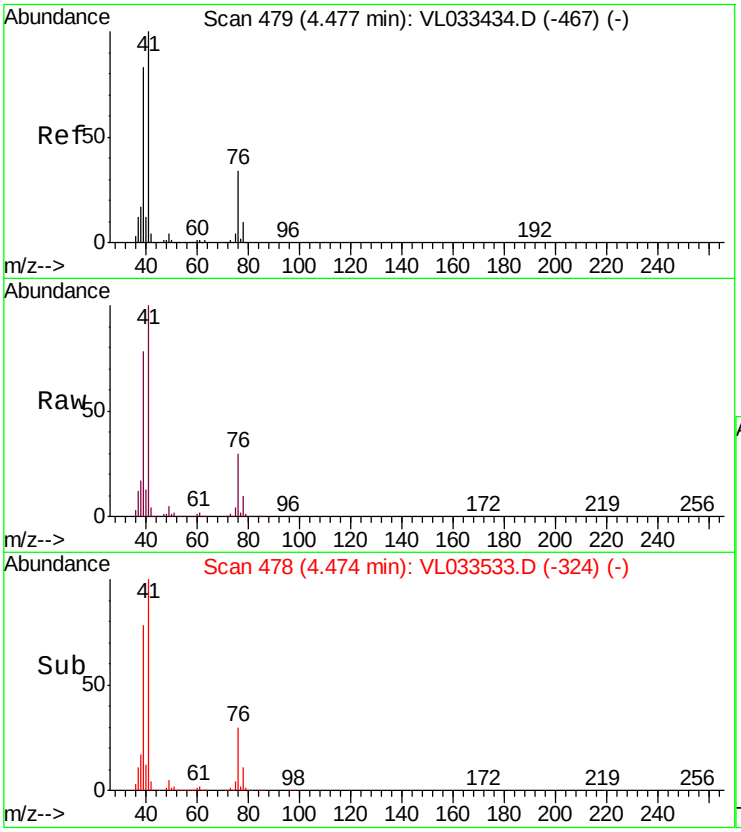


#20
Methylene Chloride
Concen: 7.510 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 84 Resp: 434881

Ion	Ratio	Lower	Upper
84	100		
49	144.9	120.0	180.0
51	45.2	36.7	55.1
86	64.3	51.9	77.9



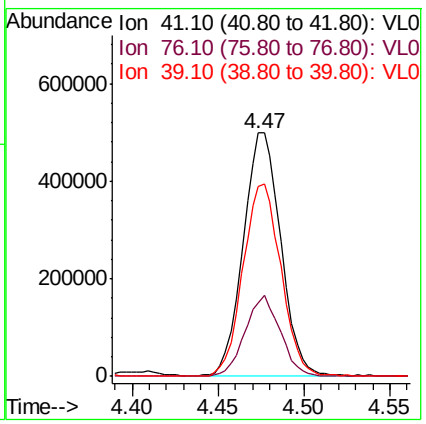


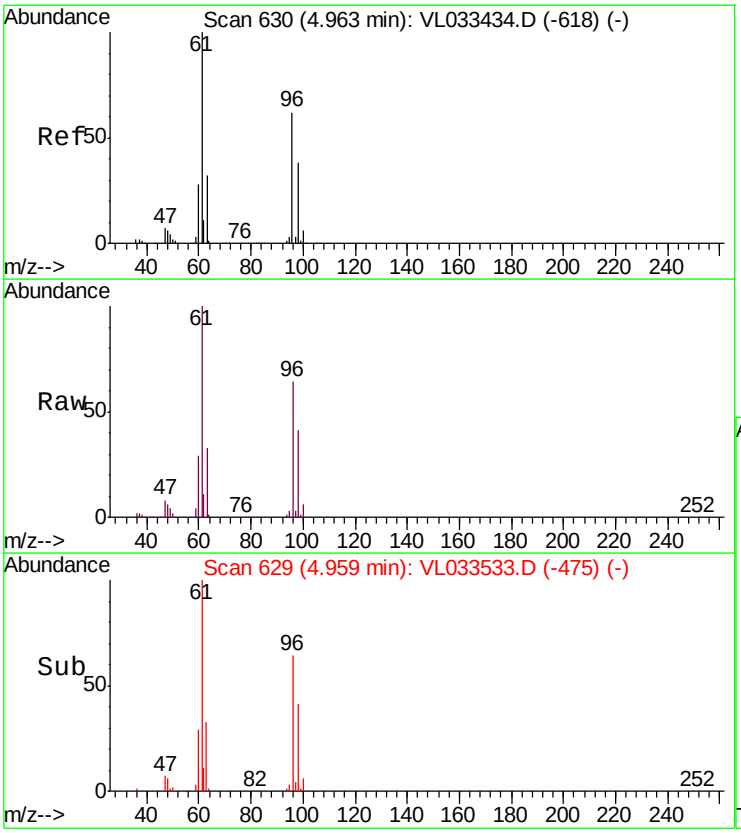
#21
Allyl Chloride
Concen: 8.703 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 41 Resp: 750539

Ion	Ratio	Lower	Upper
41	100		
76	31.5	25.4	38.2
39	80.7	65.3	97.9

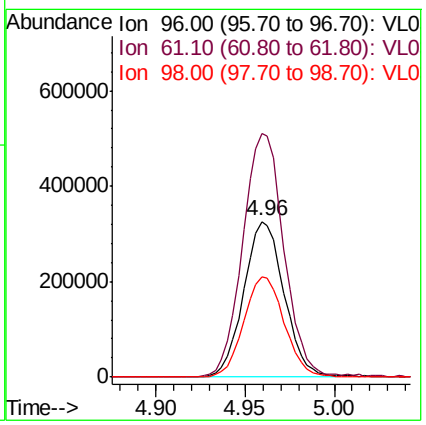


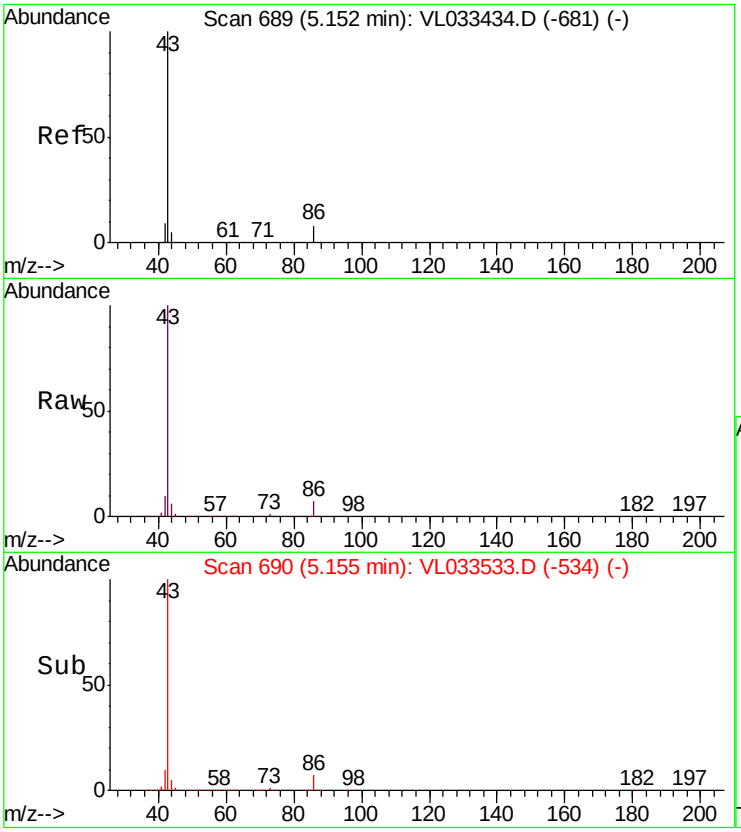


#22
trans-1,2-Dichloroethene
Concen: 8.379 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 96 Resp: 514317

Ion	Ratio	Lower	Upper
96	100		
61	156.2	128.9	193.3
98	64.0	49.5	74.3



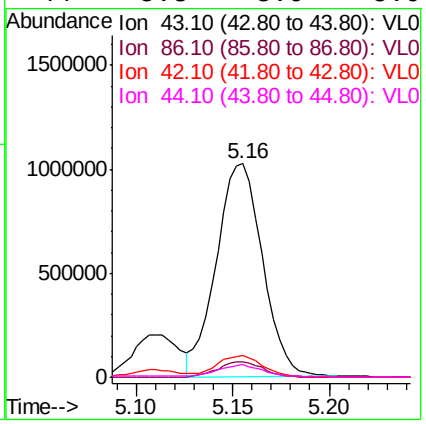


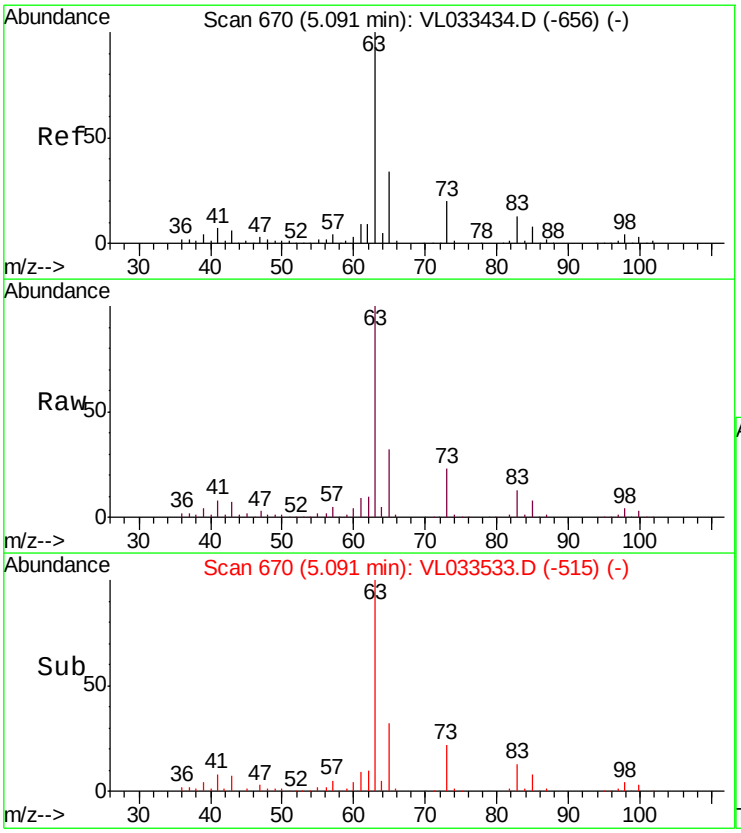
#23
Vinyl Acetate
Concen: 8.776 ppbv
RT: 5.16 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 43 Resp: 1703983

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.6	8.4
42	10.0	8.0	12.0
44	5.8	3.9	5.9

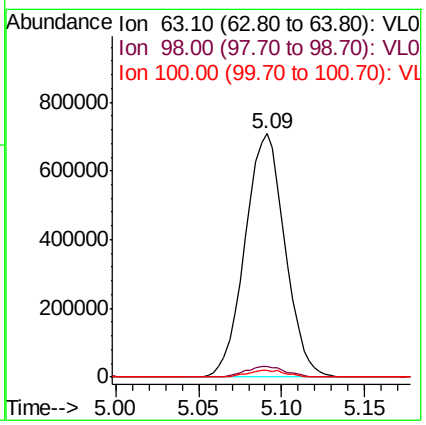


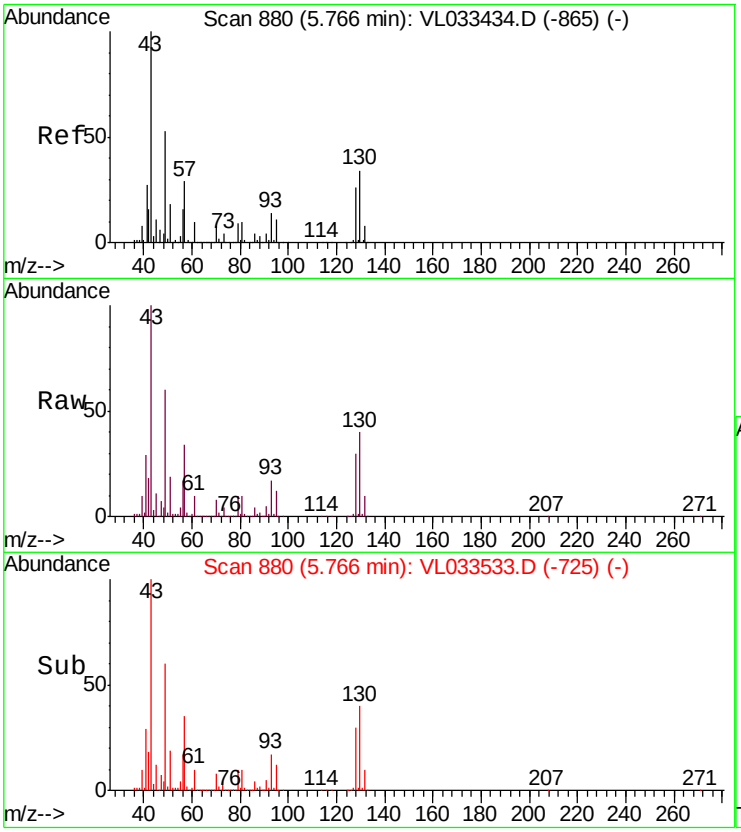


#24
1,1-Dichloroethane
Concen: 8.050 ppbv
RT: 5.09 min Scan# 670
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 63 Resp: 1187309

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.2	6.6
100	2.9	1.5	4.4



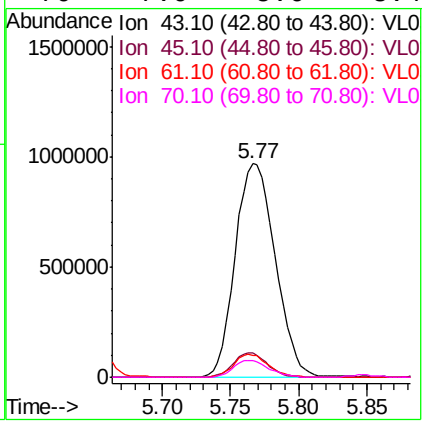


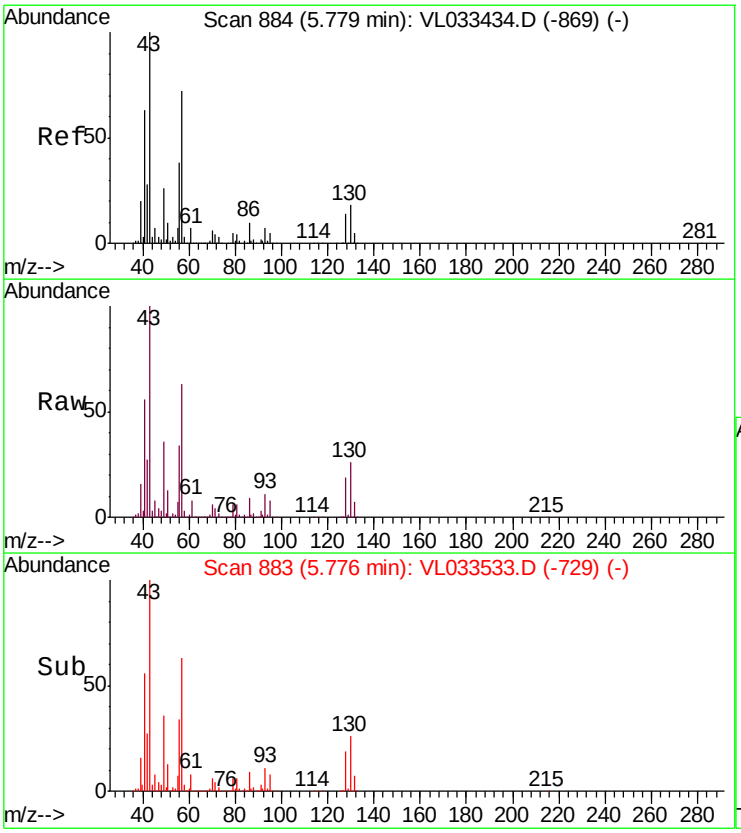
#25
Ethyl Acetate
Concen: 7.808 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 43 Resp: 1976149

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.6
61	9.4	7.3	10.9
70	7.0	5.6	8.4

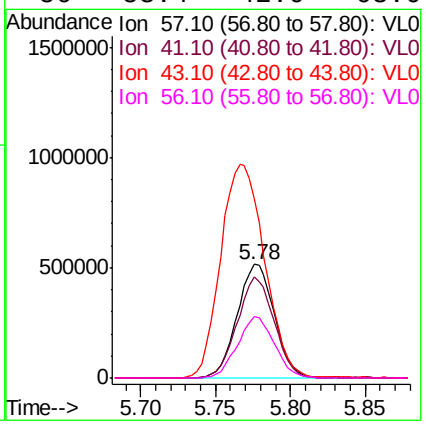


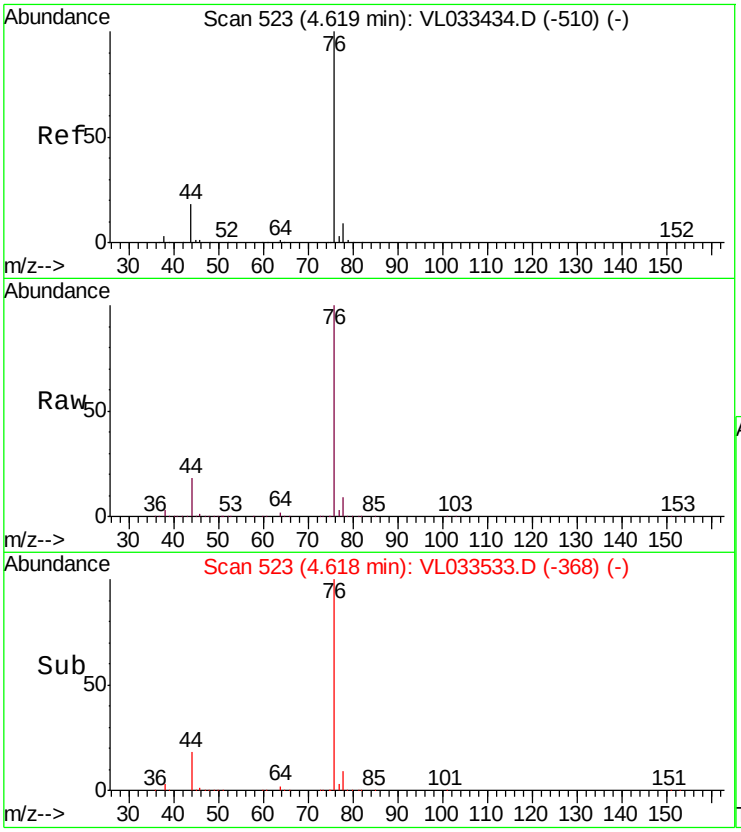


#26
Hexane
Concen: 7.890 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 57 Resp: 887919

Ion	Ratio	Lower	Upper
57	100		
41	88.4	70.7	106.1
43	223.8	182.6	274.0
56	53.4	42.0	63.0



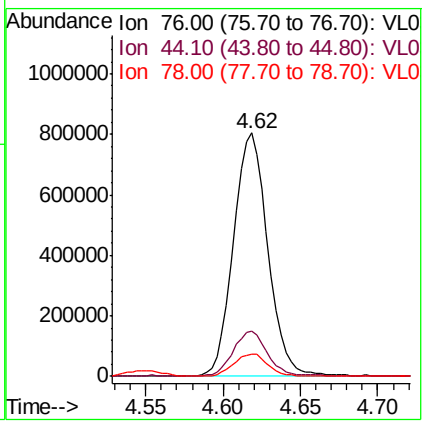


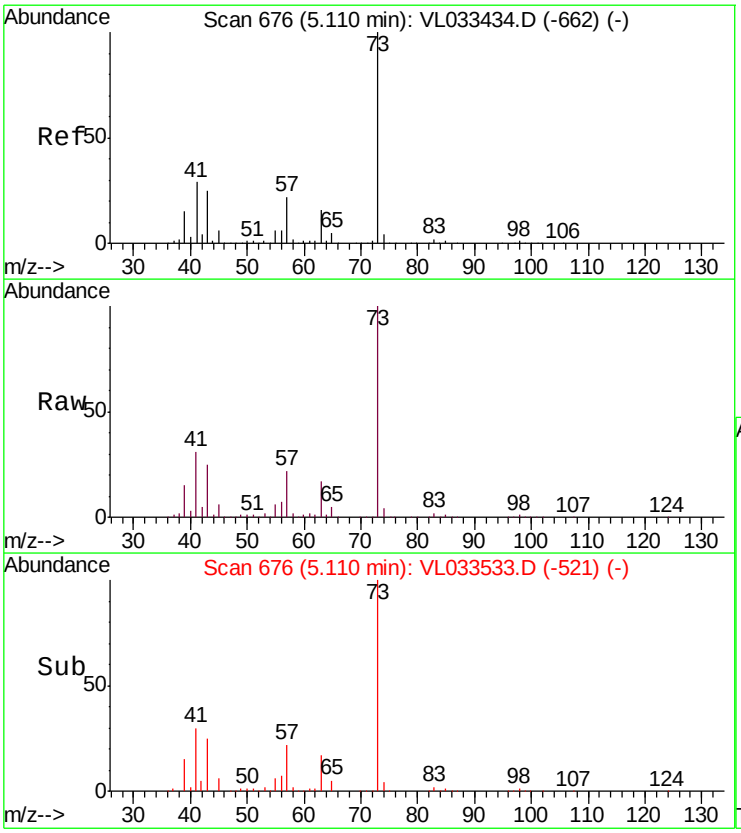
#27
Carbon Disulfide
Concen: 9.262 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 76 Resp: 1239543

Ion	Ratio	Lower	Upper
76	100		
44	18.3	14.8	22.2
78	9.4	7.6	11.4

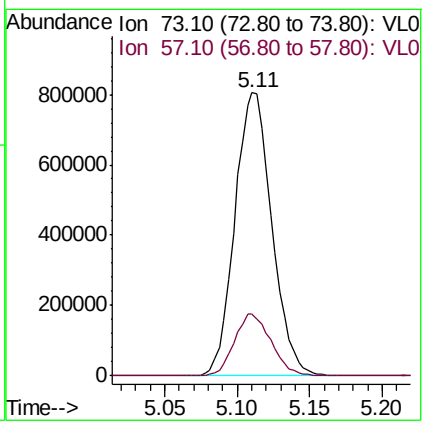


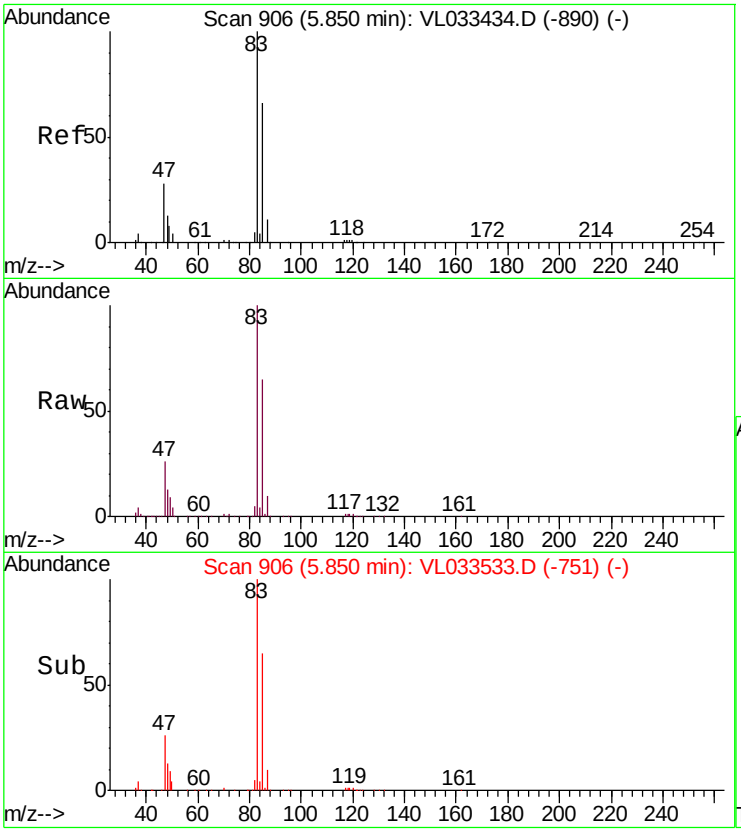


#28
Methyl tert-Butyl Ether
Concen: 8.808 ppbv
RT: 5.11 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 73 Resp: 1427751

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2



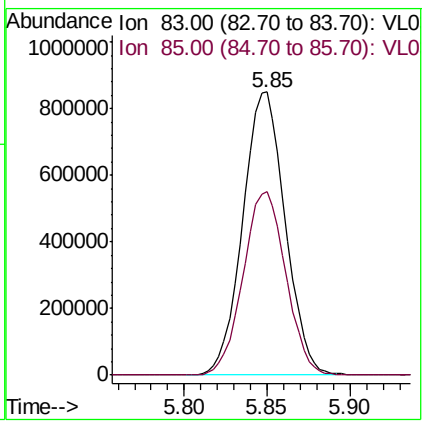


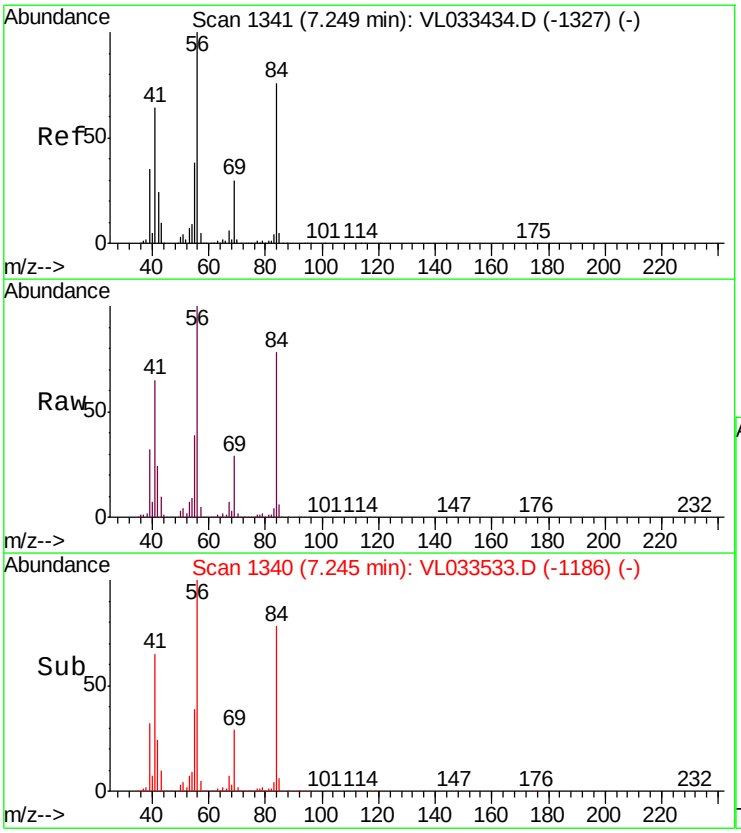
#29
Chloroform
Concen: 7.840 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 83 Resp: 1512407

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	79.0

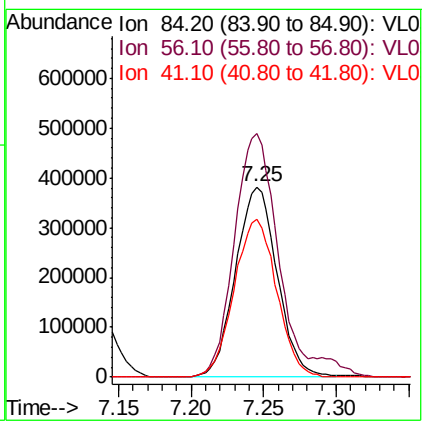


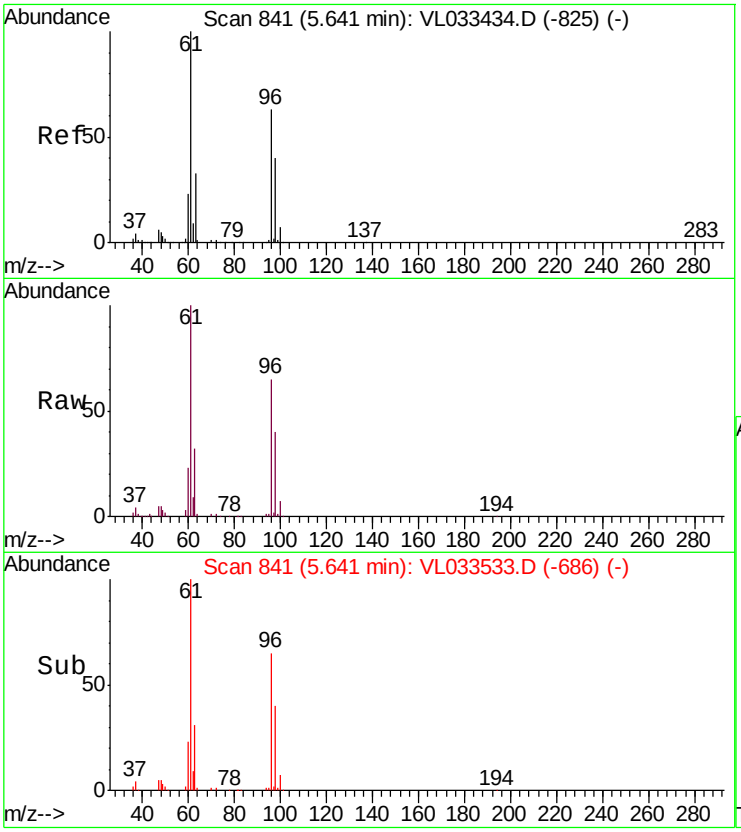


#30
Cyclohexane
Concen: 8.535 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 84 Resp: 759896

Ion	Ratio	Lower	Upper
84	100		
56	139.0	109.7	164.5
41	84.9	68.2	102.2



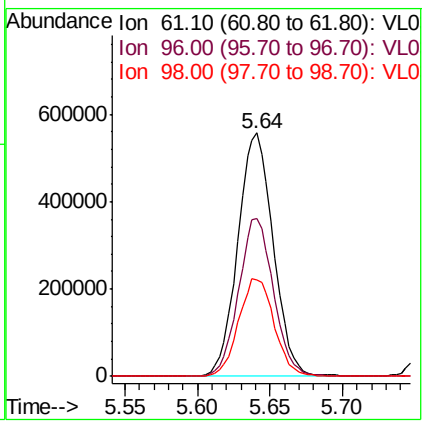


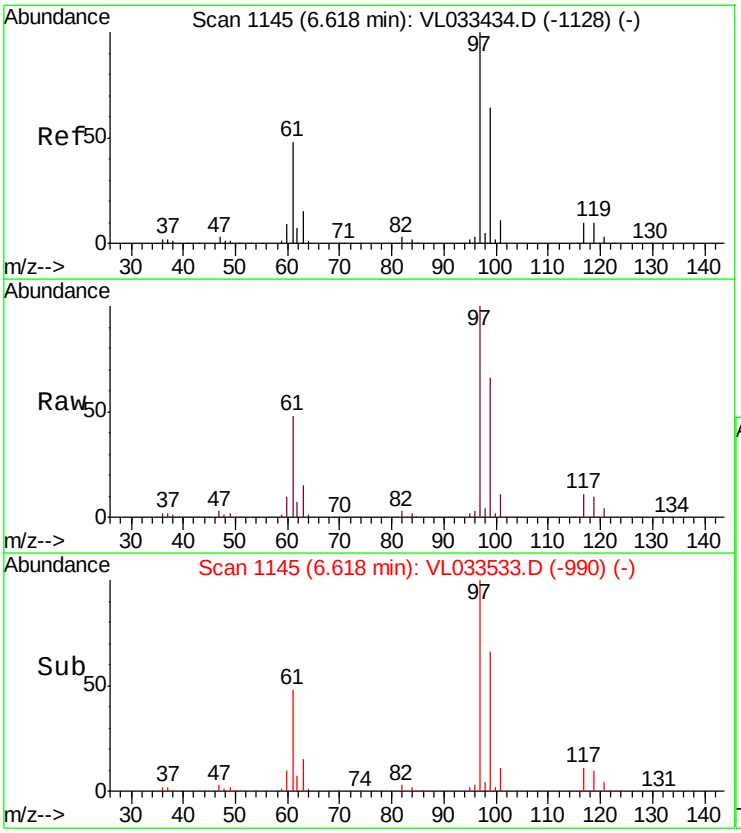
#31
cis-1,2-Dichloroethene
Concen: 8.474 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 61 Resp: 948138

Ion	Ratio	Lower	Upper
61	100		
96	64.8	50.6	76.0
98	39.6	32.2	48.2

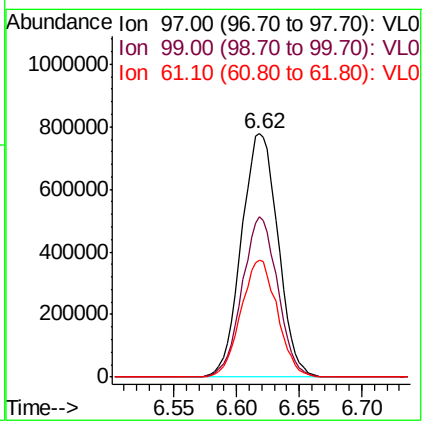


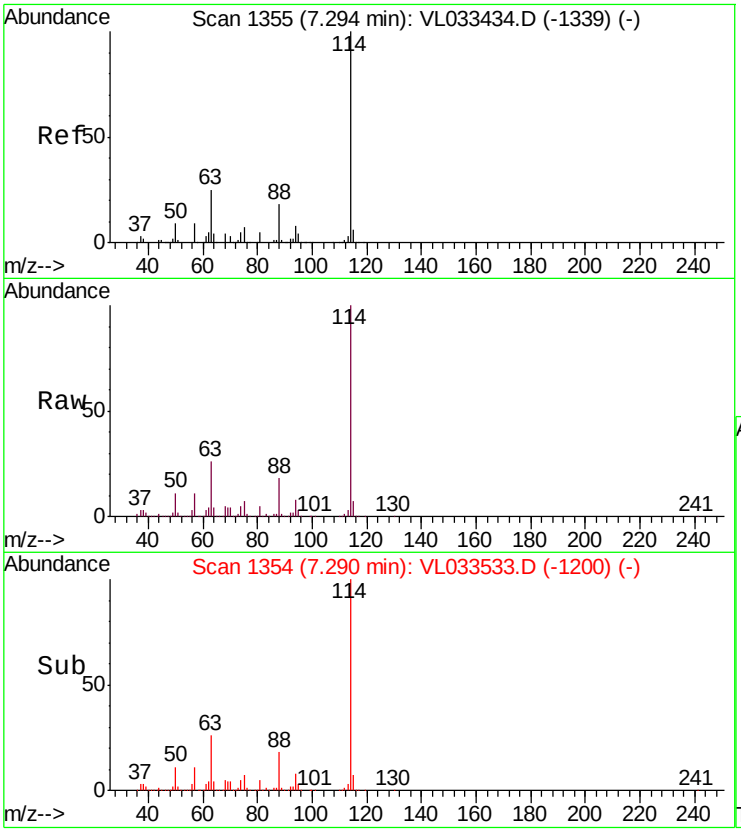


#32
1,1,1-Trichloroethane
Concen: 8.607 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 97 Resp: 1581075

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	47.7	38.8	58.2



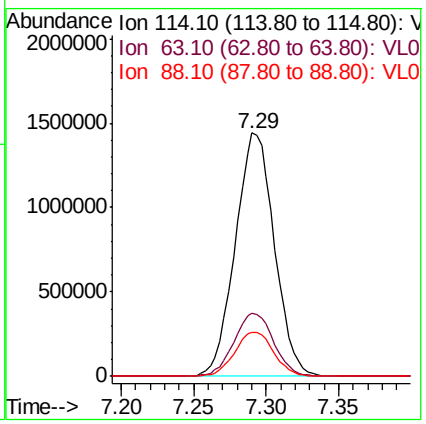


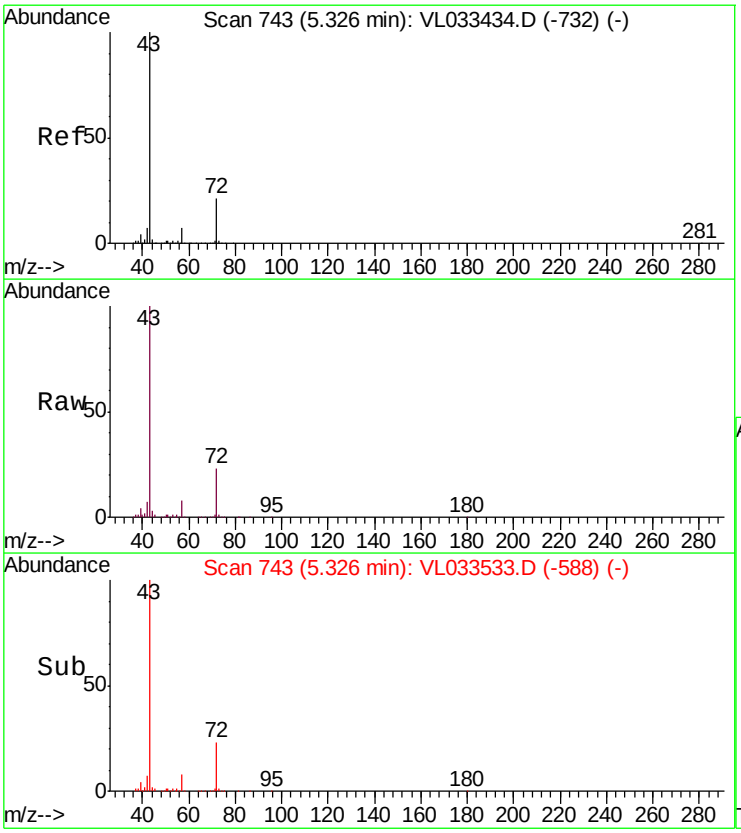
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:114 Resp: 2694618

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.5	32.3
88	18.3	14.5	21.7

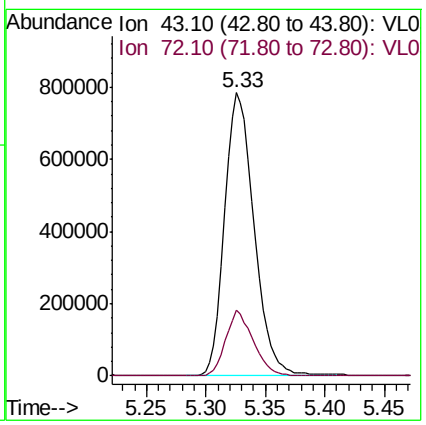


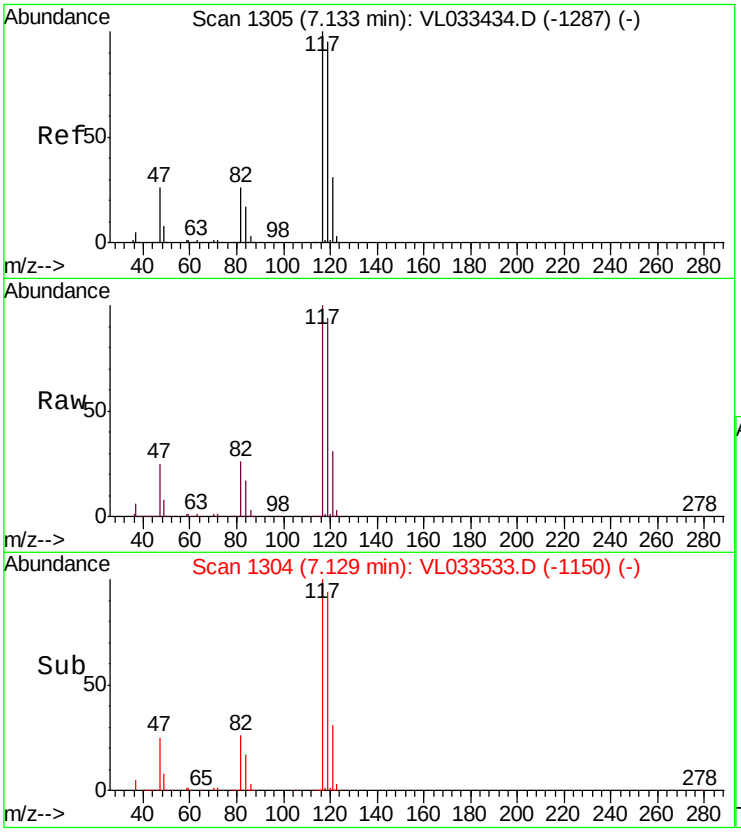


#34
2-Butanone
Concen: 8.302 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 43 Resp: 1344026

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.4	26.2



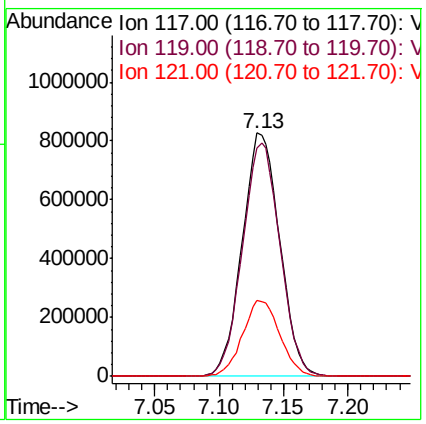


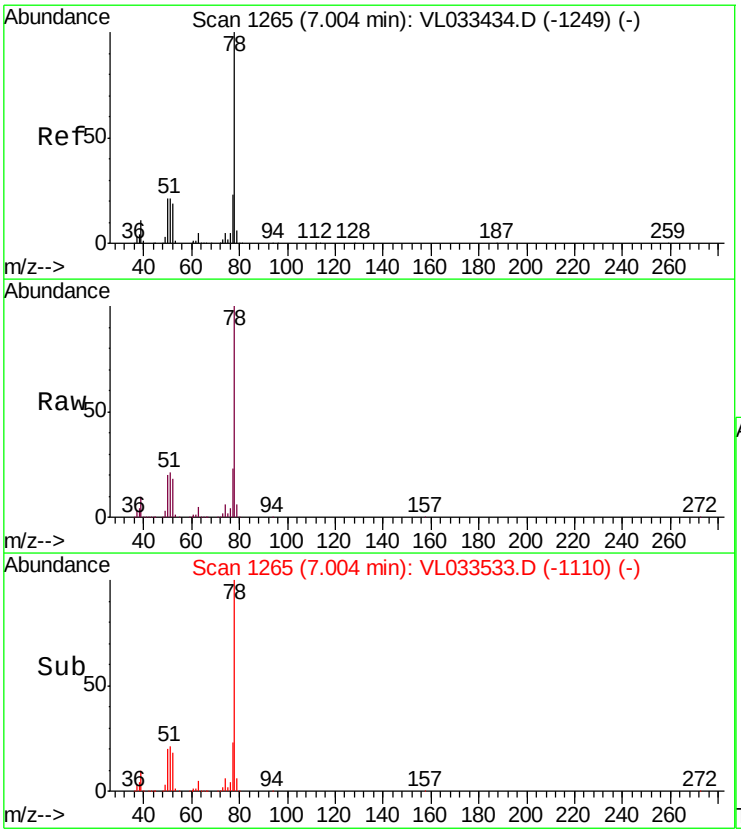
#35
Carbon Tetrachloride
Concen: 8.778 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:117 Resp: 1675274

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
121	31.2	24.7	37.1

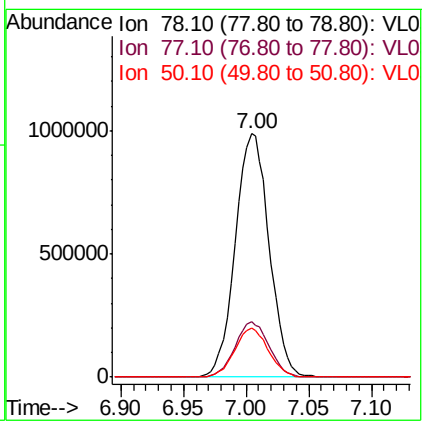


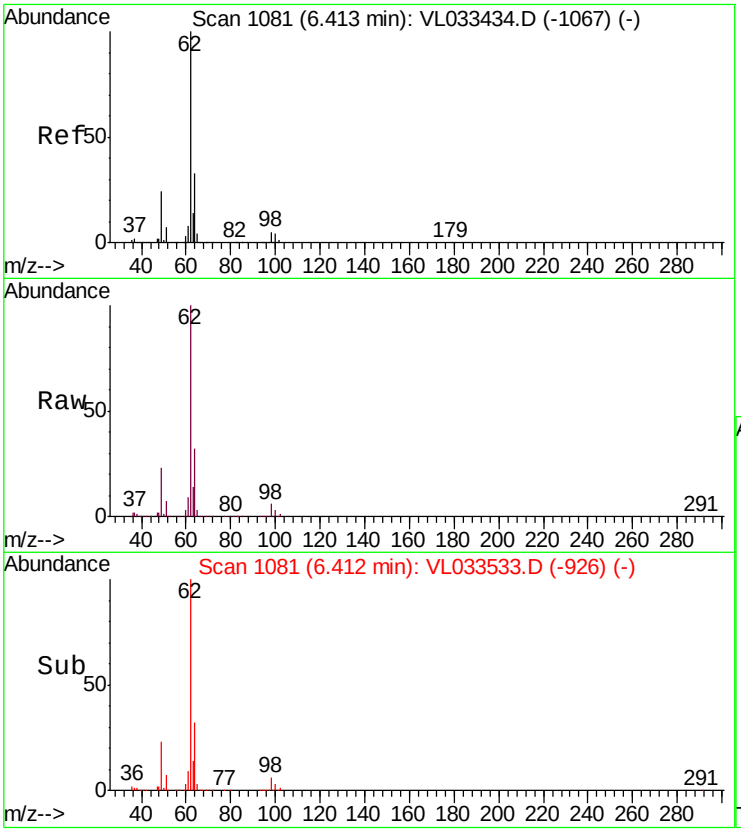


#36
Benzene
Concen: 8.164 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 78 Resp: 1845910

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.1	27.1
50	20.0	16.7	25.1

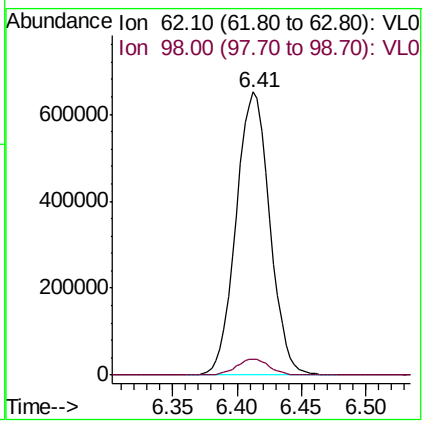




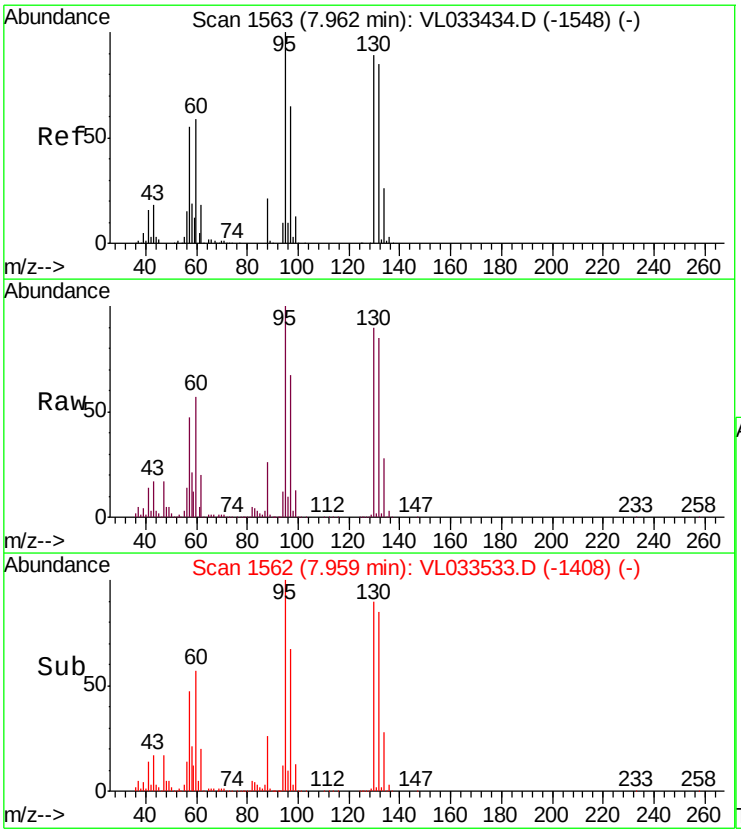
#37
1,2-Dichloroethane
Concen: 7.818 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 62 Resp: 1184727

Ion	Ratio	Lower	Upper
62	100		
98	5.6	4.4	6.6



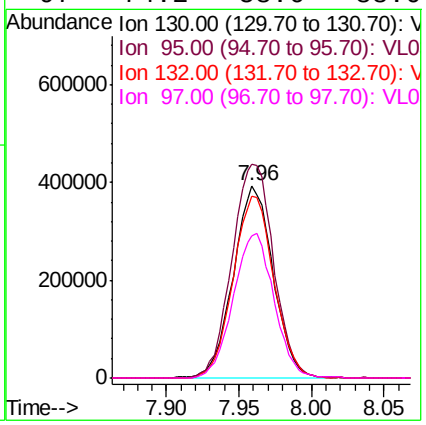
Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

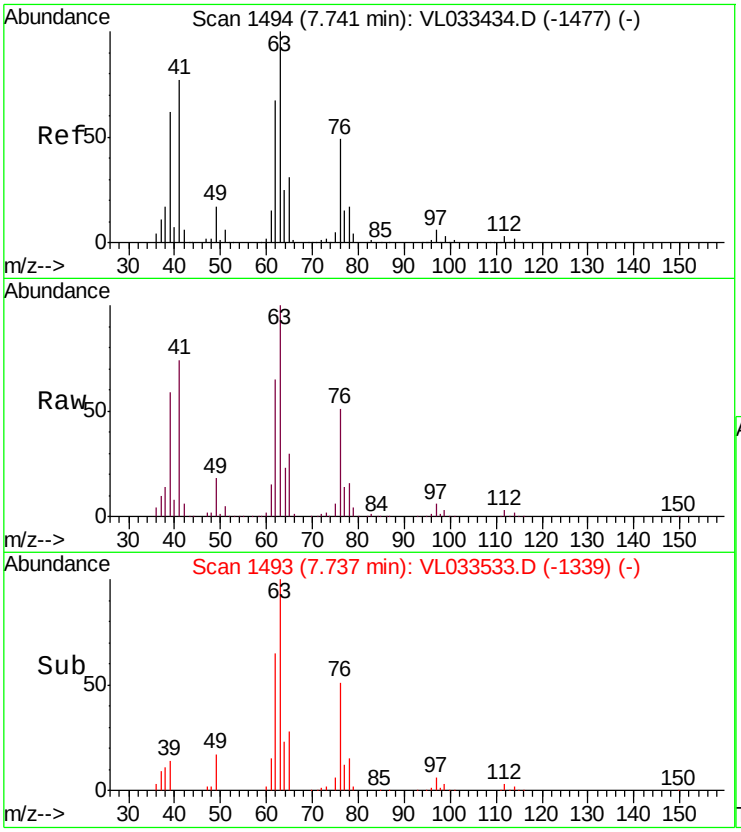


#38
Trichloroethene
Concen: 8.756 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:130 Resp: 745035

Ion	Ratio	Lower	Upper
130	100		
95	111.1	89.8	134.8
132	94.7	76.6	115.0
97	74.2	58.6	88.0



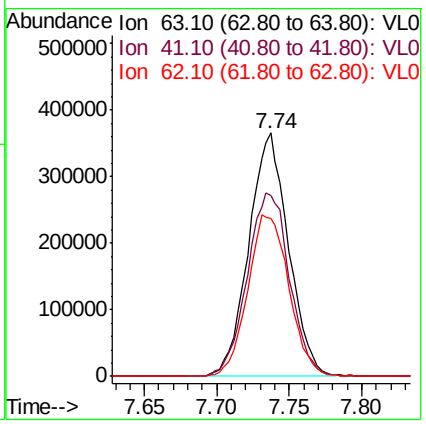


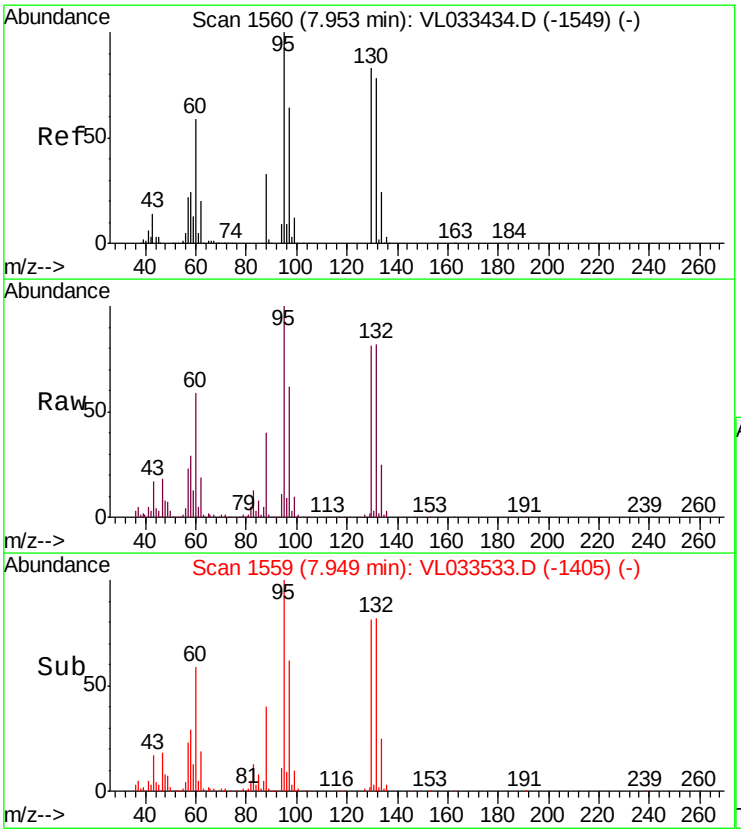
#39
1,2-Dichloropropane
Concen: 7.847 ppbv
RT: 7.74 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 63 Resp: 695011

Ion	Ratio	Lower	Upper
63	100		
41	74.2	61.2	91.8
62	64.8	54.0	81.0

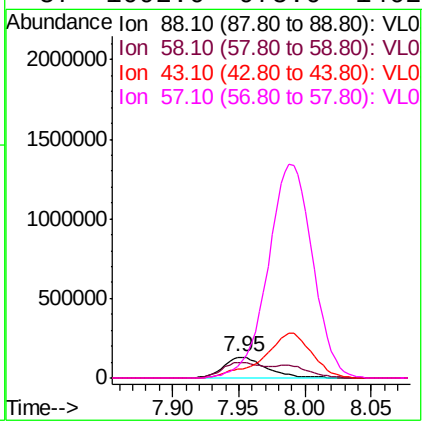


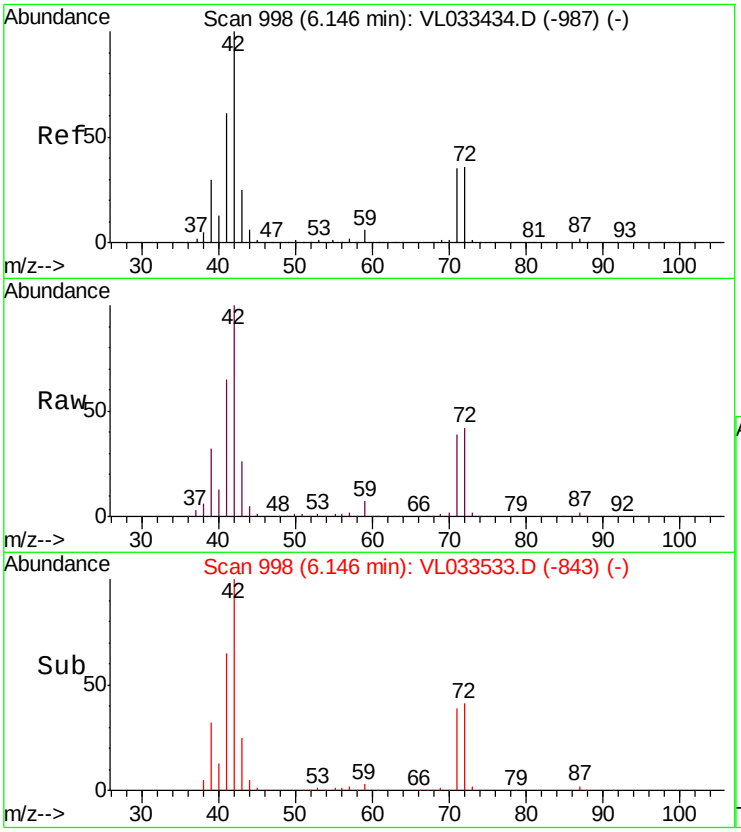


#40
1,4-Dioxane
Concen: 9.186 ppbv
RT: 7.95 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 88 Resp: 290178

Ion	Ratio	Lower	Upper
88	100		
58	124.6	105.6	158.4
43	247.9	216.7	325.1
57	1092.0	975.0	1462.4



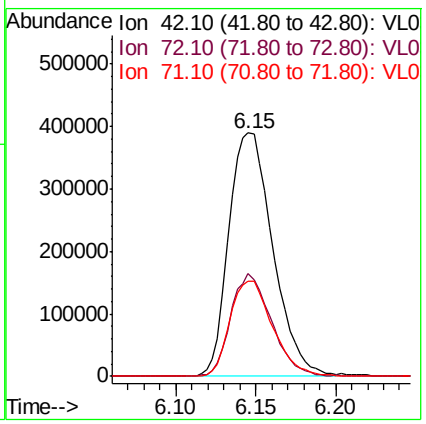


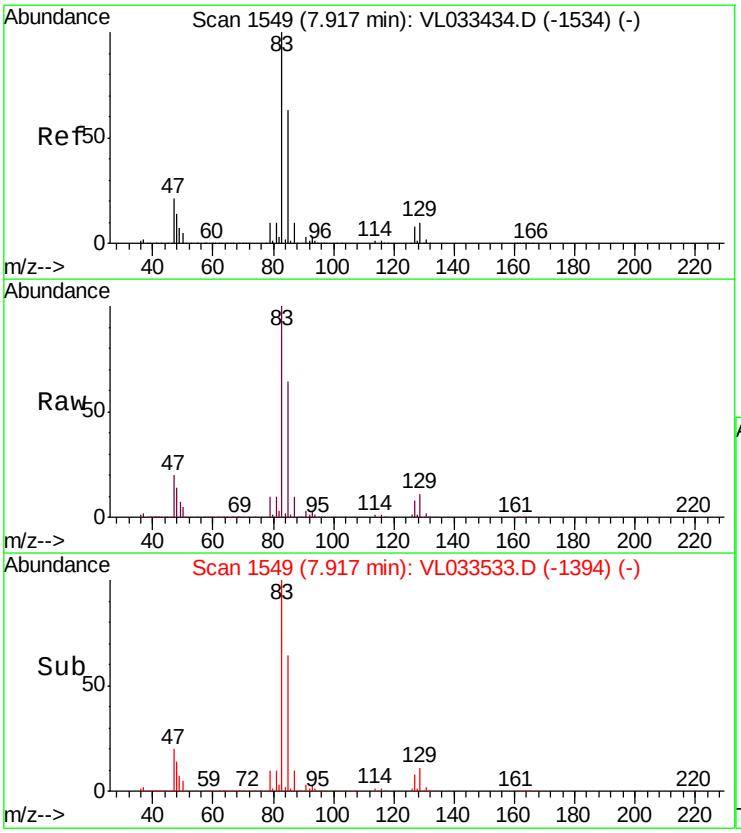
#41
Tetrahydrofuran
Concen: 8.224 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 42 Resp: 732296

Ion	Ratio	Lower	Upper
42	100		
72	39.2	30.2	45.2
71	38.0	29.4	44.2

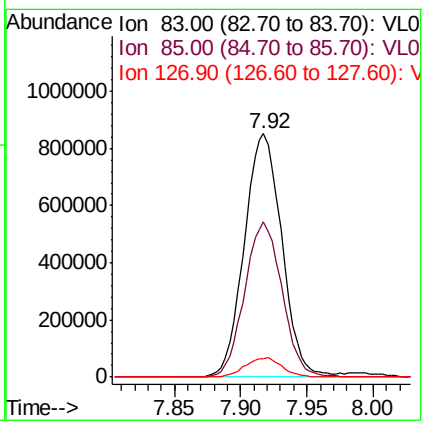


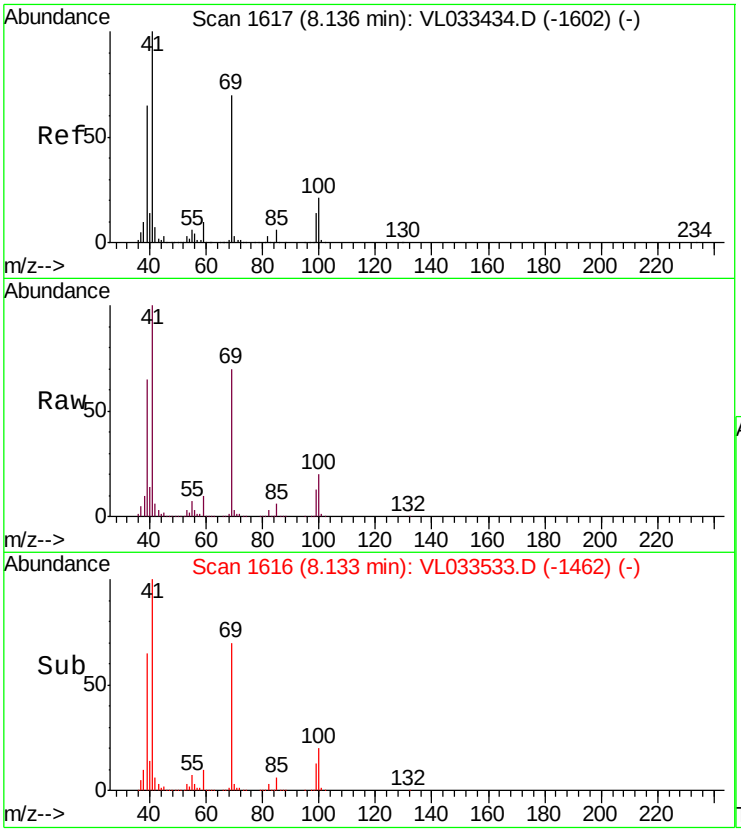


#42
Bromodichloromethane
Concen: 8.142 ppbv
RT: 7.92 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 83 Resp: 1680518

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.7	76.1
127	7.5	6.6	9.8



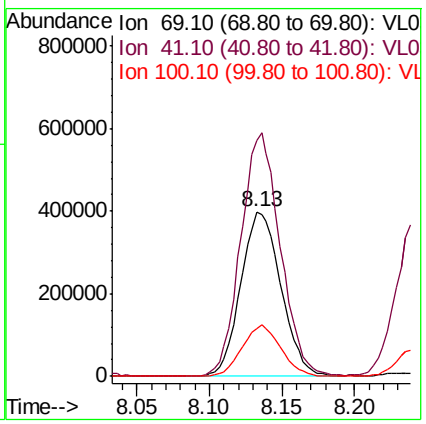


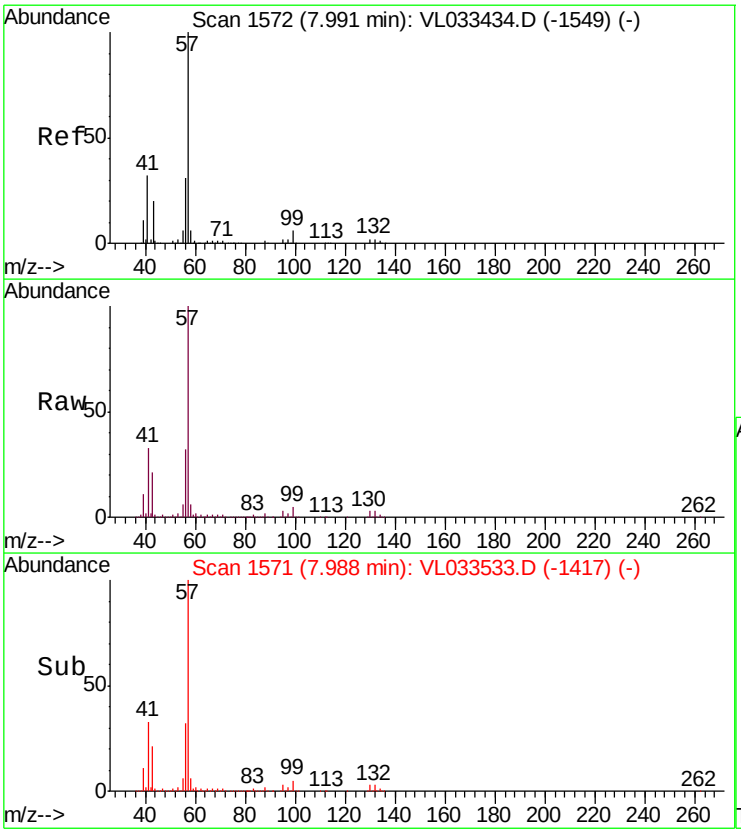
#43
Methyl Methacrylate
Concen: 8.377 ppbv
RT: 8.13 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 69 Resp: 769098

Ion	Ratio	Lower	Upper
69	100		
41	145.2	116.6	174.8
100	30.1	24.4	36.6

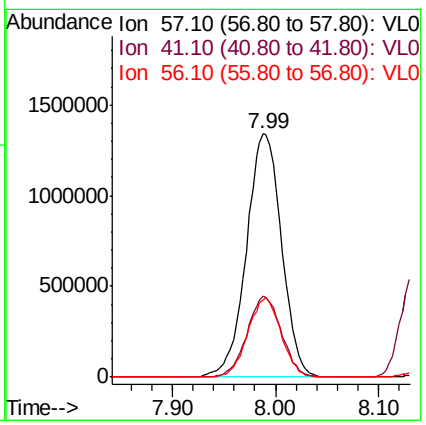


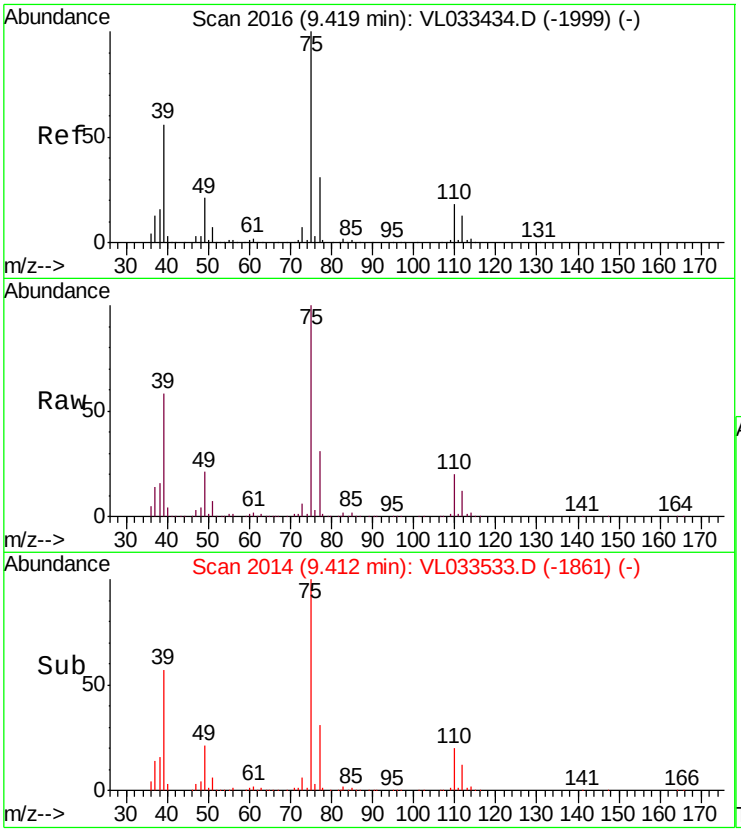


#44
2,2,4-Trimethylpentane
Concen: 8.013 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 57 Resp: 3166024

Ion	Ratio	Lower	Upper
57	100		
41	32.5	26.0	39.0
56	30.9	24.6	37.0



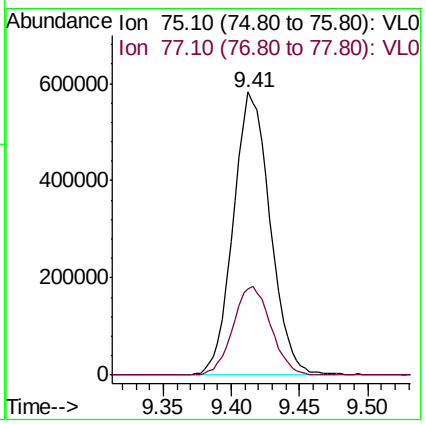


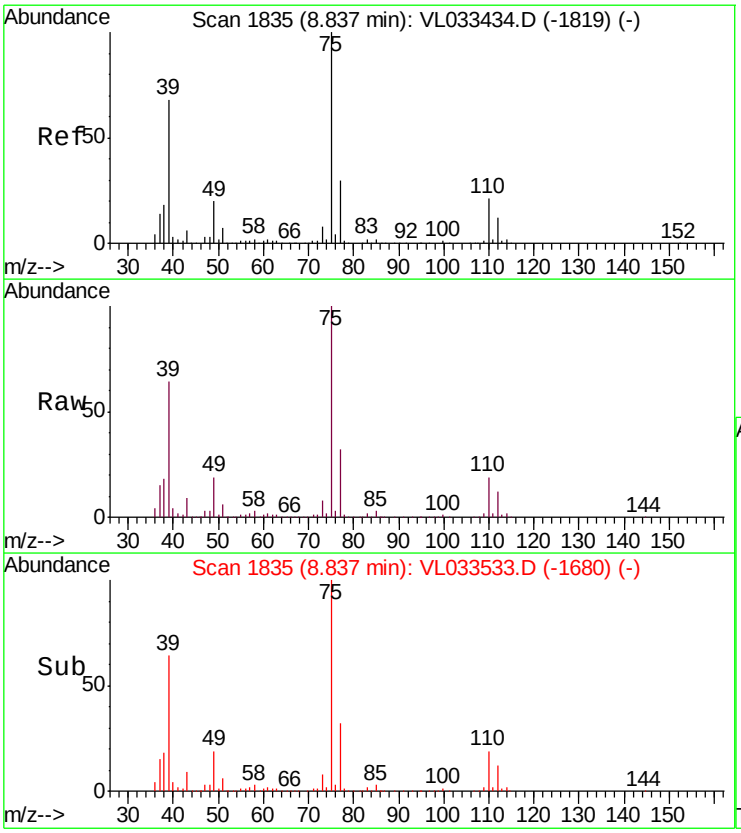
#45
t-1,3-Dichloropropene
Concen: 9.720 ppbv
RT: 9.41 min Scan# 2014
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 75 Resp: 1095610

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.5	36.7

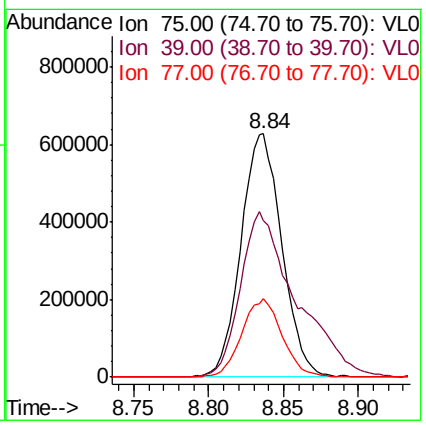


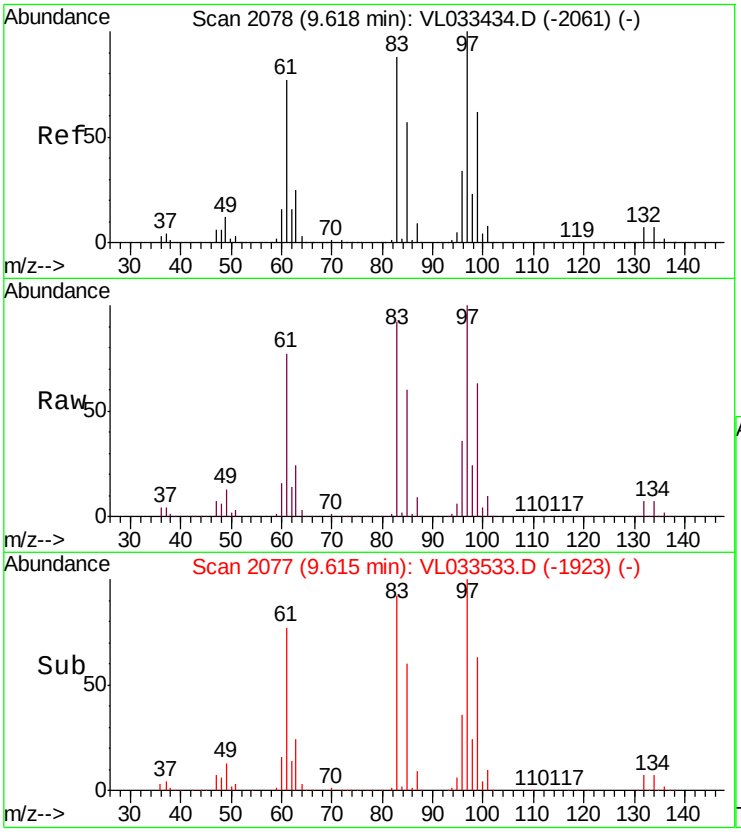


#46
cis-1,3-Dichloropropene
Concen: 9.035 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 75 Resp: 1189247

Ion	Ratio	Lower	Upper
75	100		
39	64.5	54.1	81.1
77	32.4	23.9	35.9



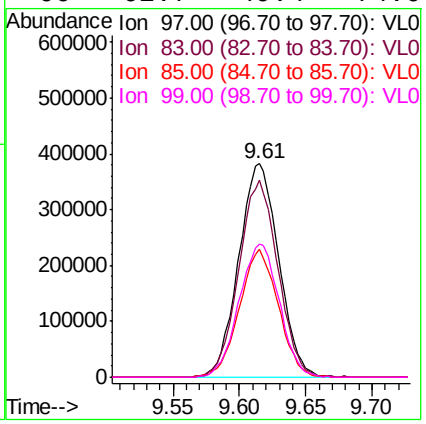


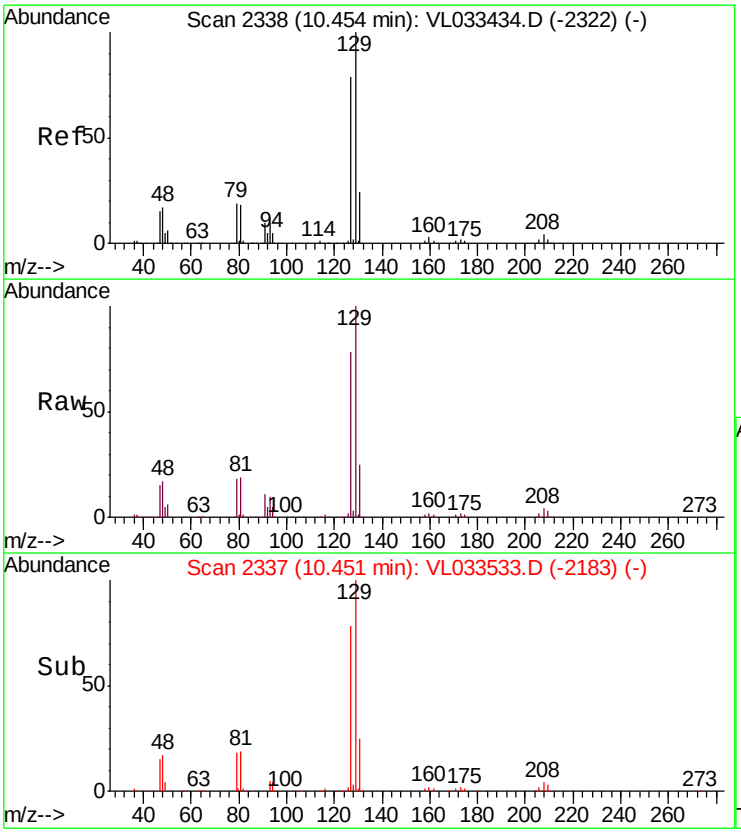
#47
1,1,2-Trichloroethane
Concen: 7.947 ppbv
RT: 9.61 min Scan# 2077
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 97 Resp: 799233

Ion	Ratio	Lower	Upper
97	100		
83	92.2	70.5	105.7
85	59.9	45.6	68.4
99	62.7	49.4	74.0

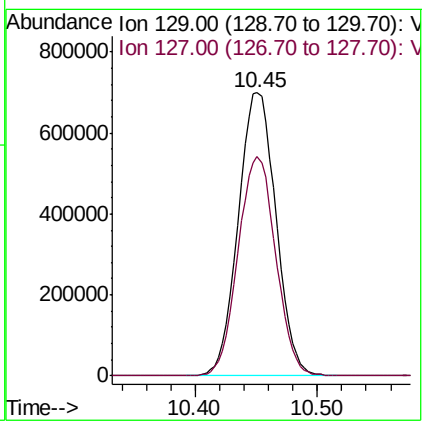


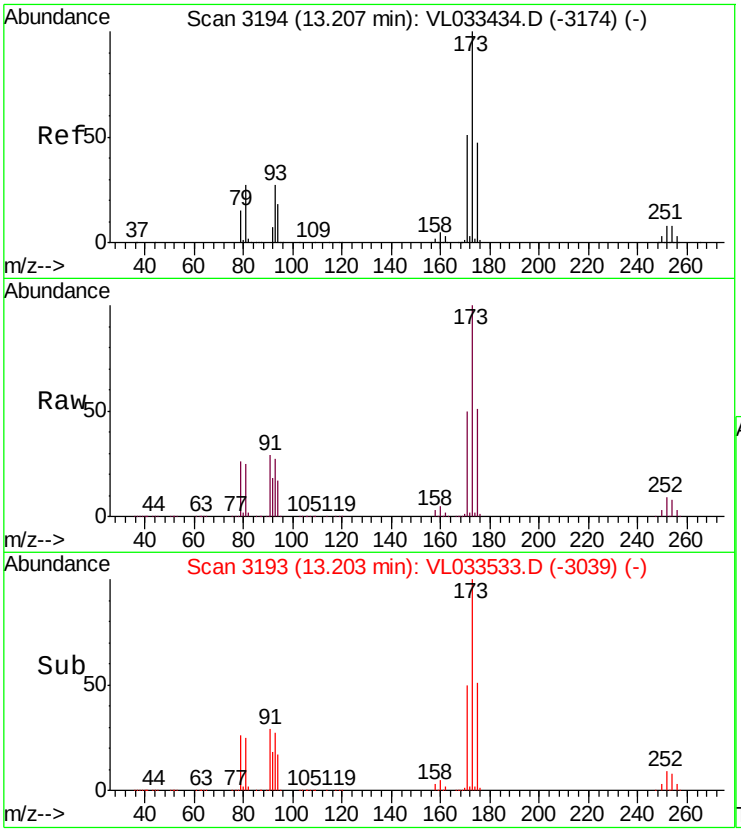


#48
Dibromochloromethane
Concen: 8.777 ppbv
RT: 10.45 min Scan# 2337
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:129 Resp: 1488881

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.2



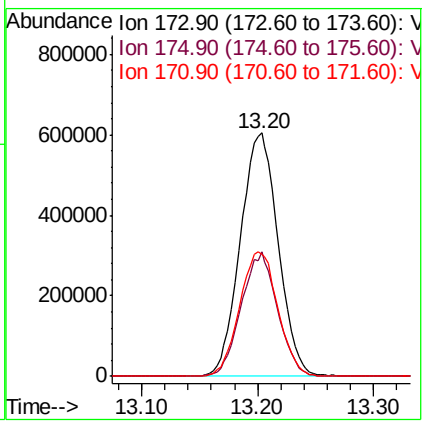


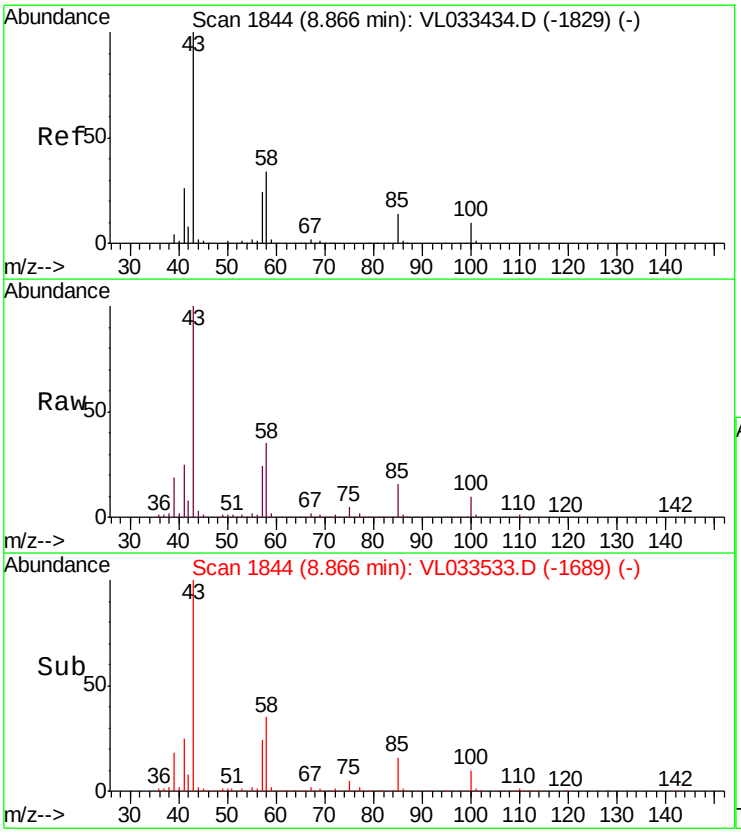
#49
Bromoform
Concen: 8.486 ppbv
RT: 13.20 min Scan# 3193
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:173 Resp: 1375170

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.3	58.9
171	51.8	41.2	61.8

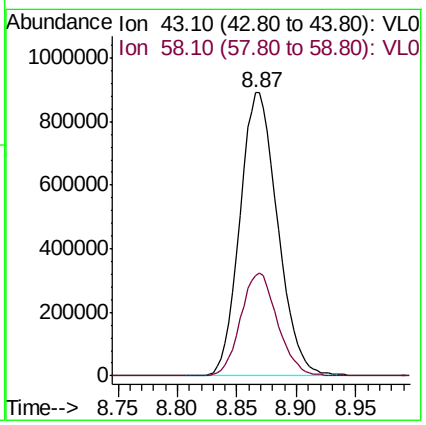


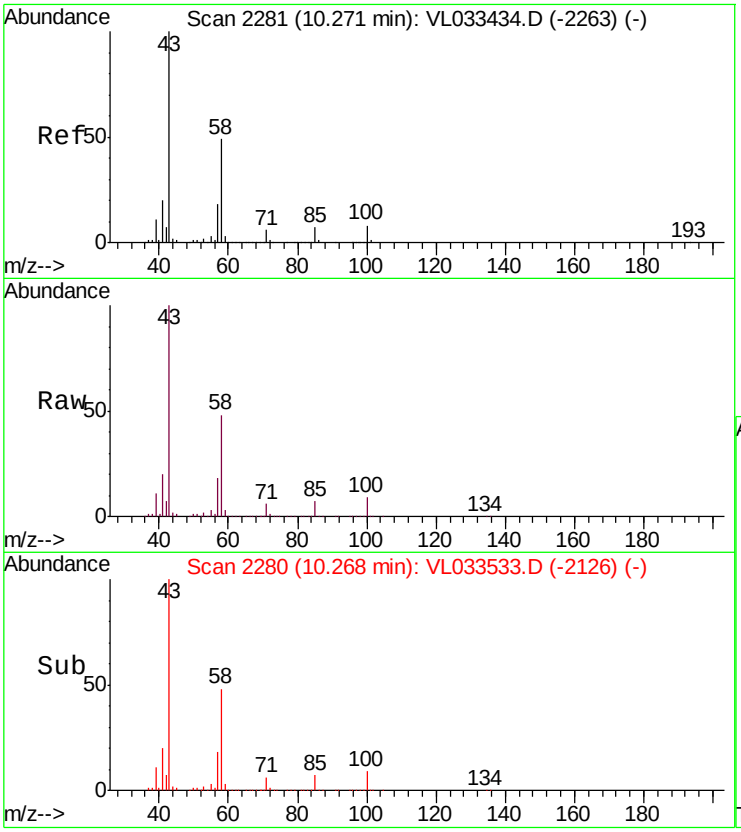


#50
4-Methyl-2-Pentanone
Concen: 8.268 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 43 Resp: 1960032

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.0	42.0



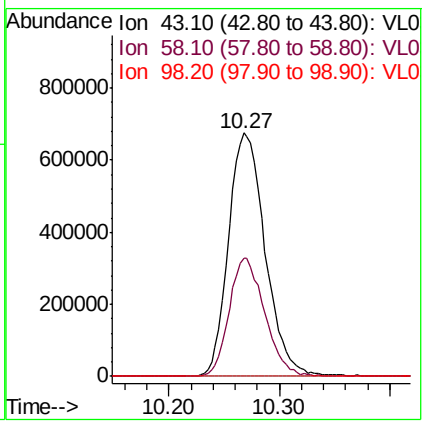


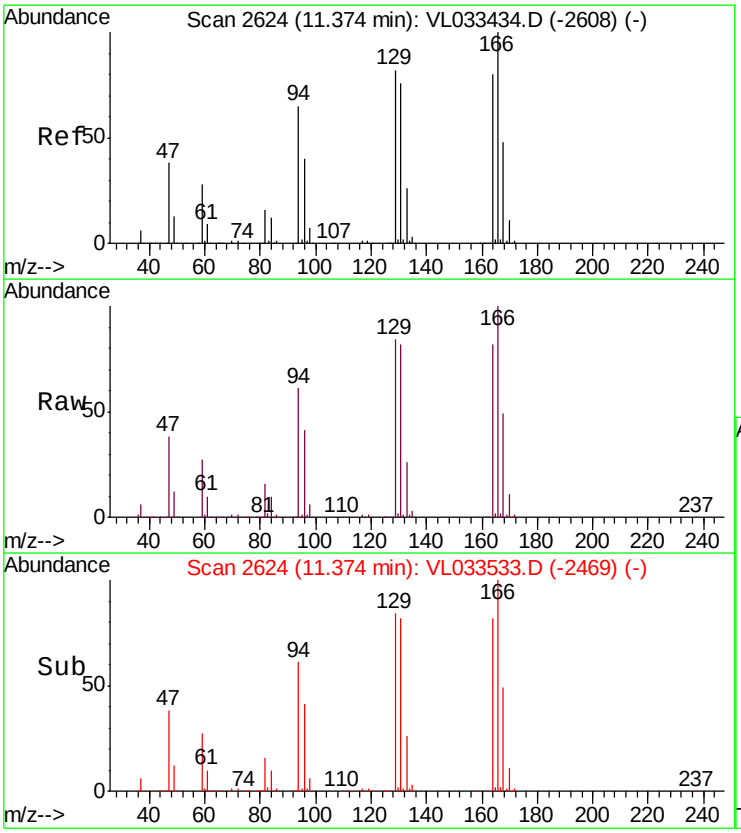
#51
2-Hexanone
Concen: 8.794 ppbv
RT: 10.27 min Scan# 2280
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 43 Resp: 1555108

Ion	Ratio	Lower	Upper
43	100		
58	47.2	38.2	57.2
98	0.4	0.2	0.2#

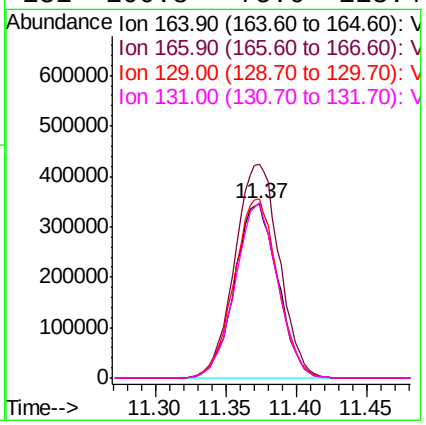


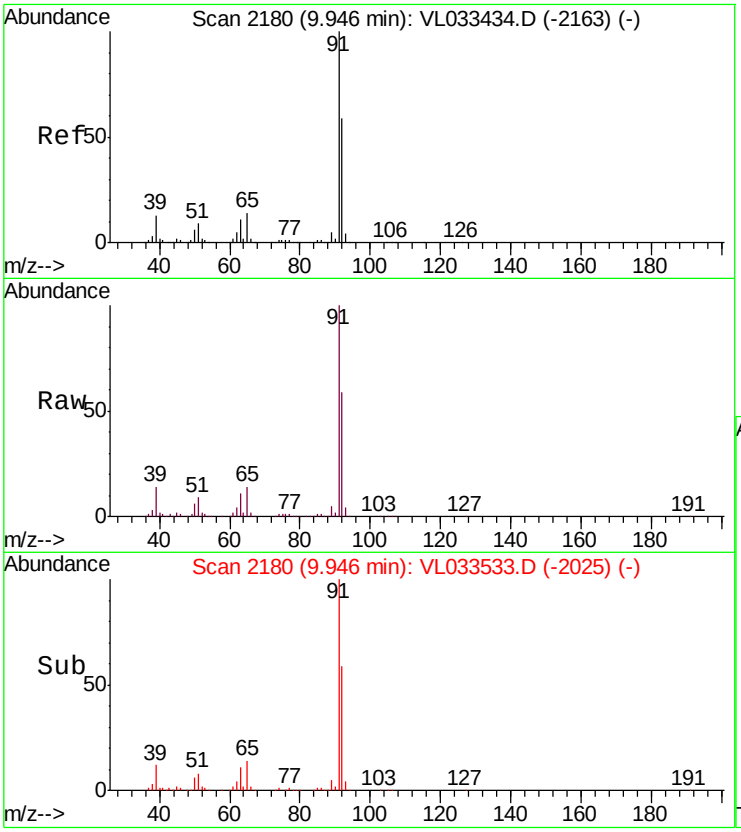


#52
Tetrachloroethene
Concen: 8.635 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:164 Resp: 736662

Ion	Ratio	Lower	Upper
164	100		
166	122.5	99.5	149.3
129	102.7	81.4	122.2
131	100.8	75.6	113.4



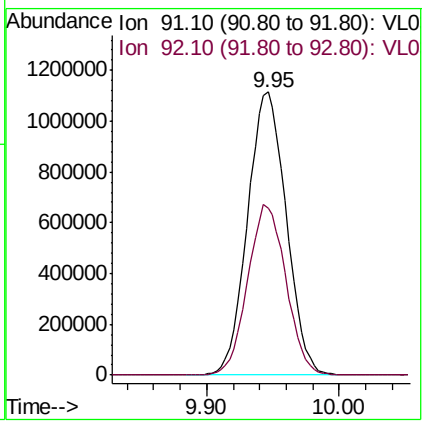


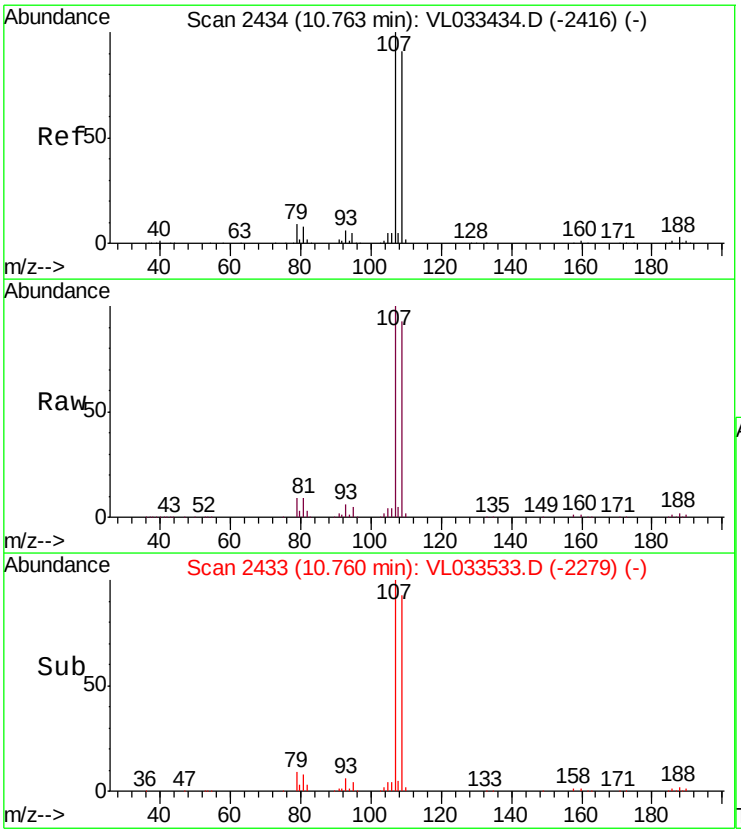
#53
Toluene
Concen: 8.600 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 91 Resp: 2259520

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.4	71.0

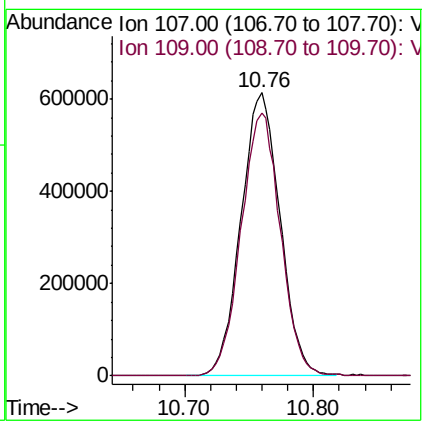


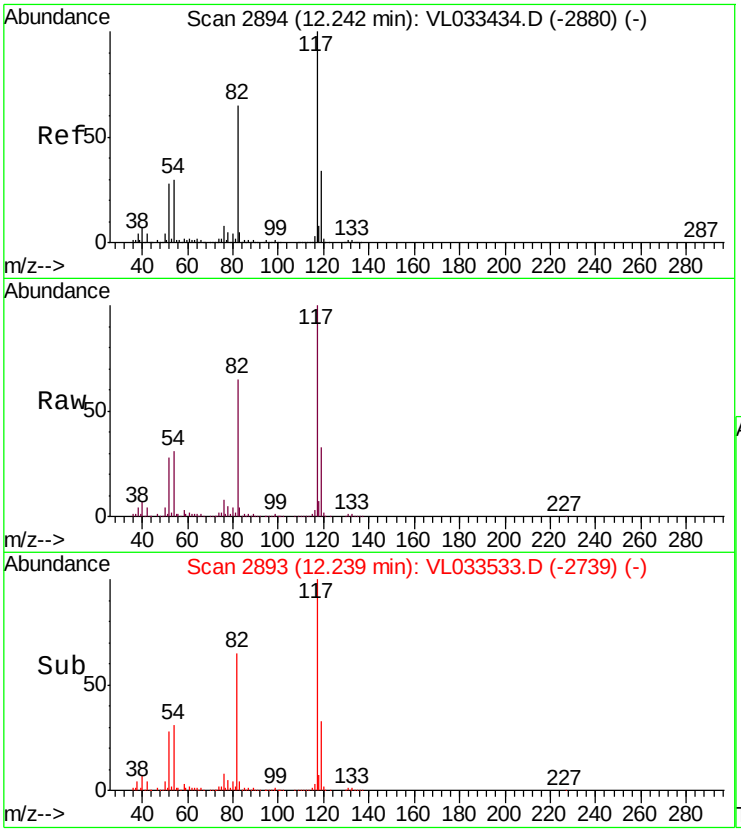


#54
1,2-Dibromoethane
Concen: 8.231 ppbv
RT: 10.76 min Scan# 2433
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:107 Resp: 1294766

Ion	Ratio	Lower	Upper
107	100		
109	92.8	72.7	109.1



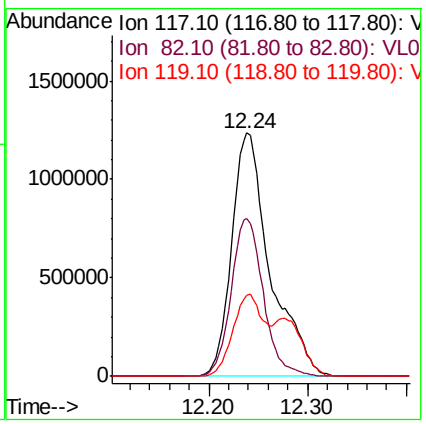


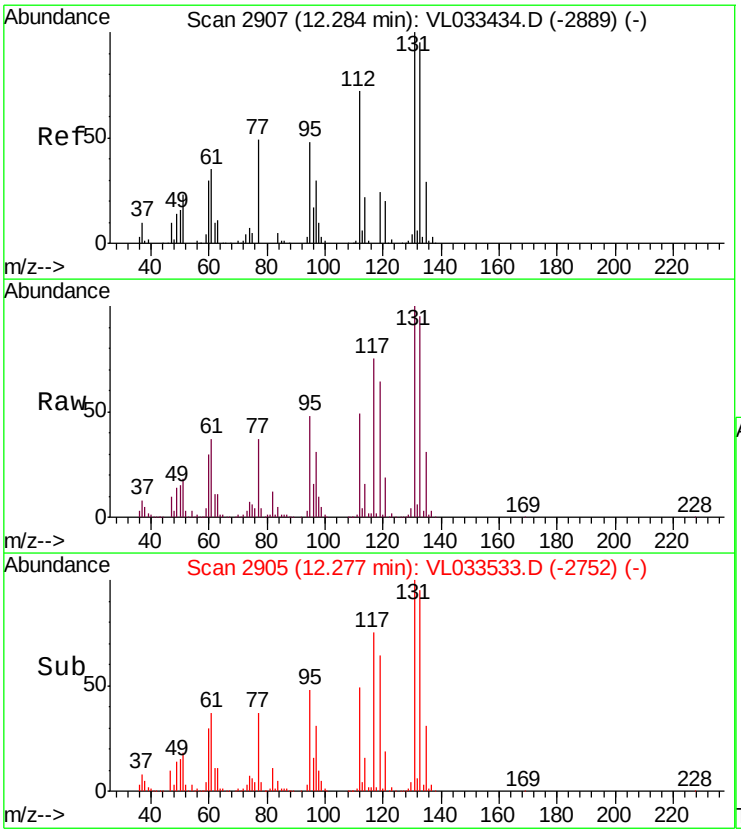
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion:117 Resp: 3345140

Ion	Ratio	Lower	Upper
117	100		
82	54.3	51.5	77.3
119	45.1	25.5	38.3#

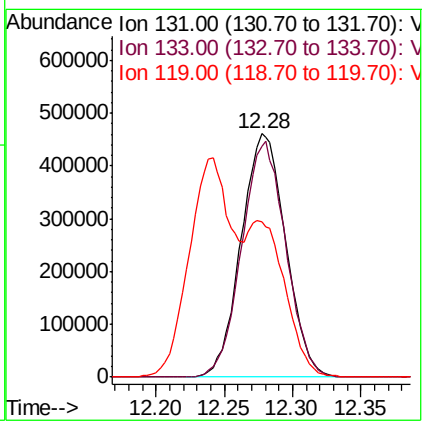


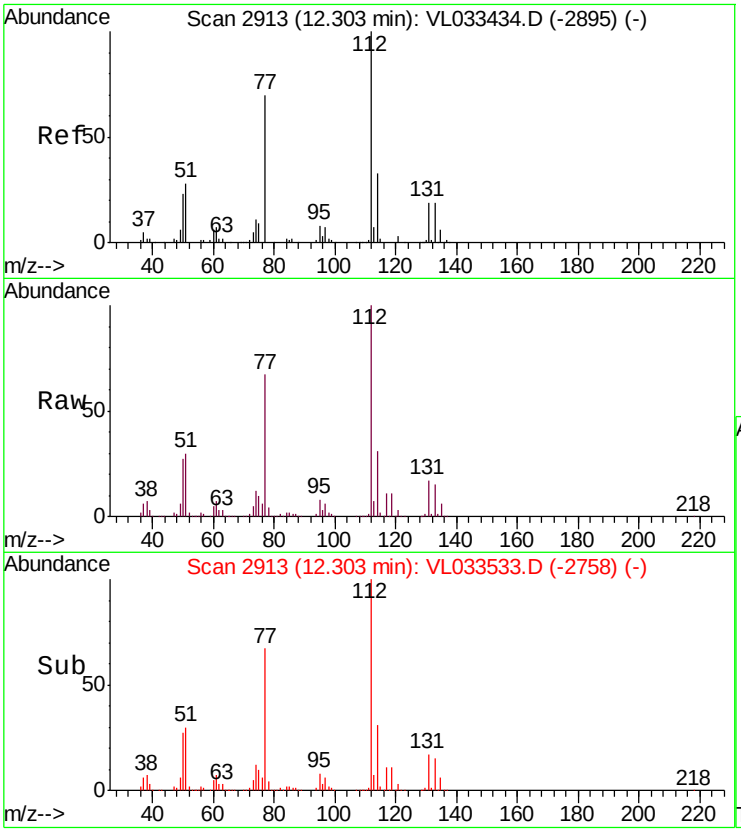


#56
1,1,1,2-Tetrachloroethane
Concen: 6.816 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:131 Resp: 1044959

Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.2	114.4
119	144.5	45.0	67.6#



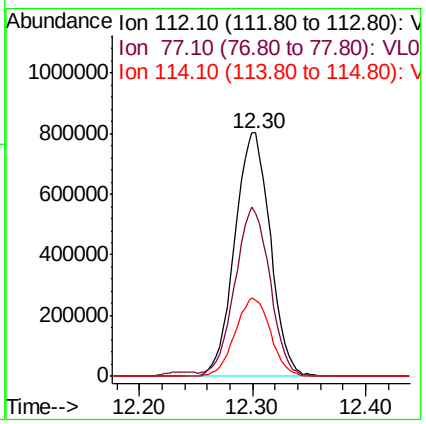


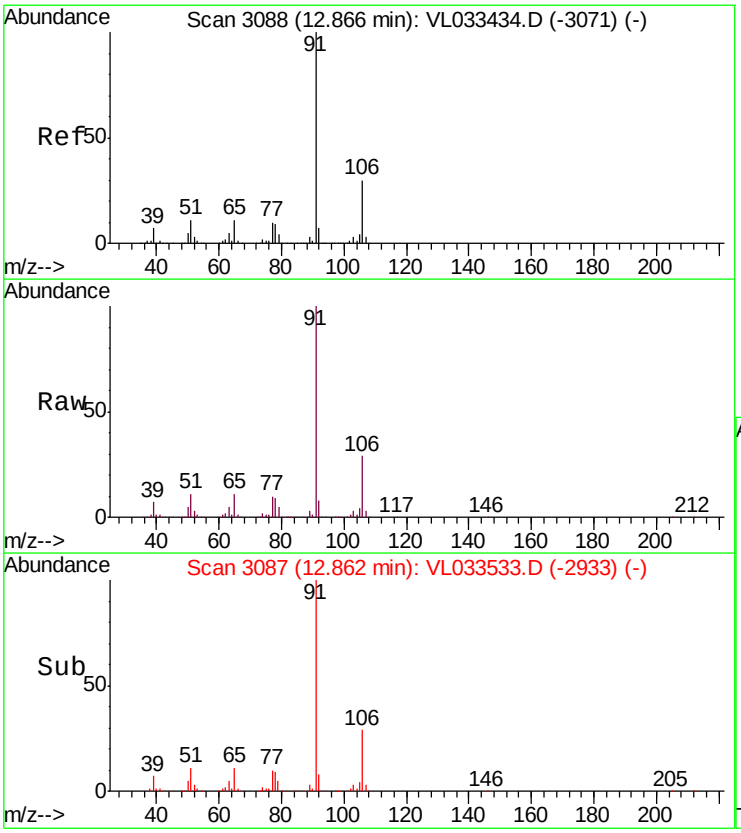
#57
Chlorobenzene
Concen: 6.750 ppbv
RT: 12.30 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:112 Resp: 1753274

Ion	Ratio	Lower	Upper
112	100		
77	66.8	57.3	85.9
114	31.4	29.8	36.4

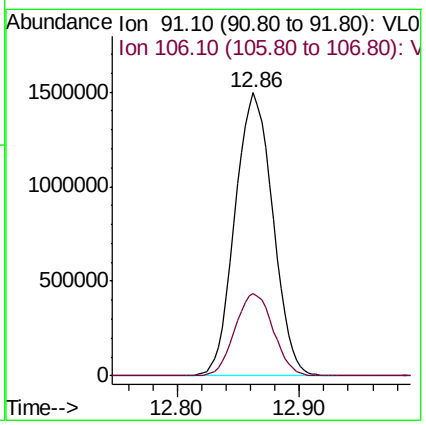


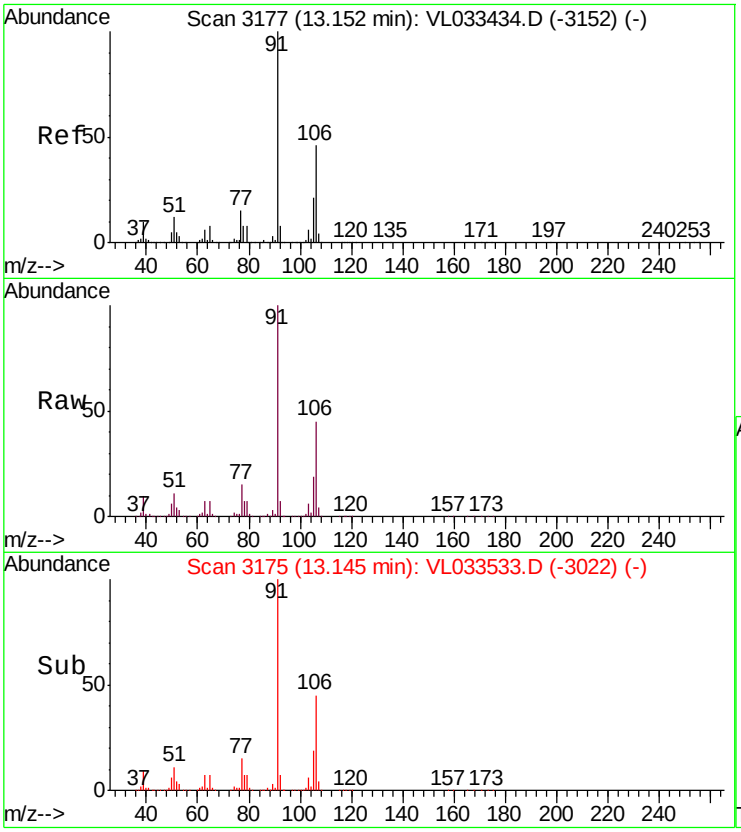


#58
Ethyl Benzene
Concen: 7.190 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 91 Resp: 3211780

Ion	Ratio	Lower	Upper
91	100		
106	29.0	23.8	35.6



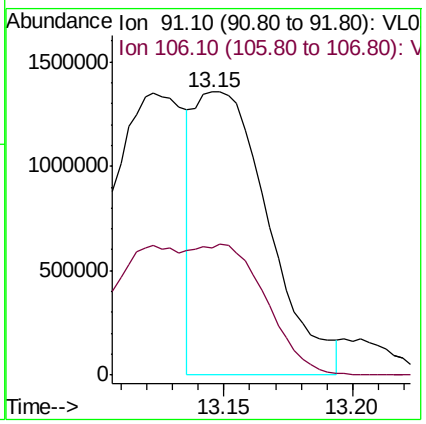


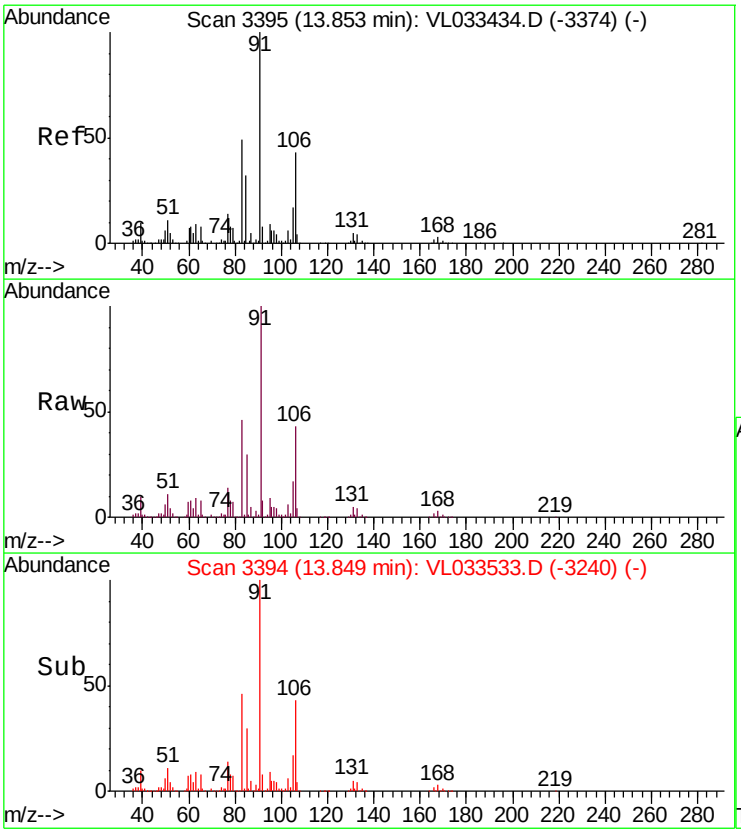
#59
m/p-Xylene
Concen: 6.742 ppbv
RT: 13.15 min Scan# 3175
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion: 91 Resp: 2690020

Ion	Ratio	Lower	Upper
91	100		
106	92.0	0.0	0.0#

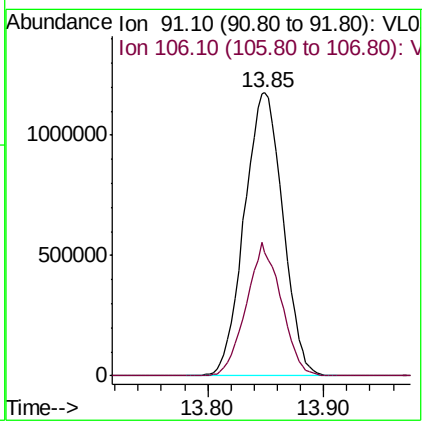


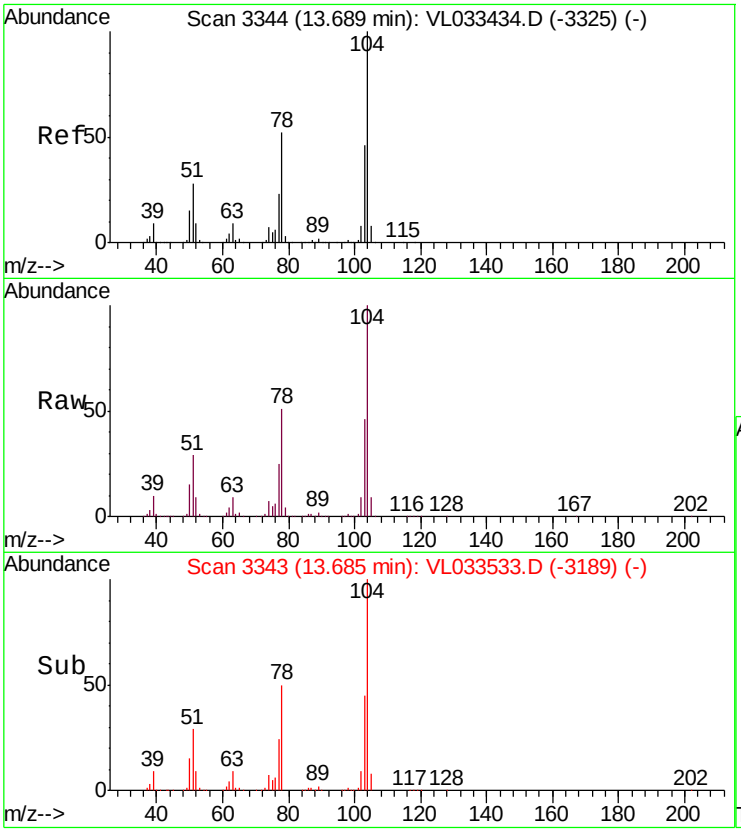


#60
o-Xylene
Concen: 7.057 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 91 Resp: 2722764

Ion	Ratio	Lower	Upper
91	100		
106	42.8	21.4	64.3



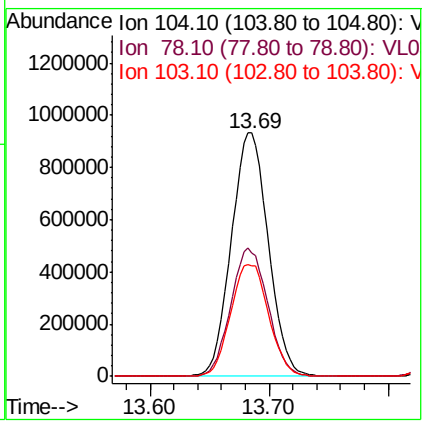


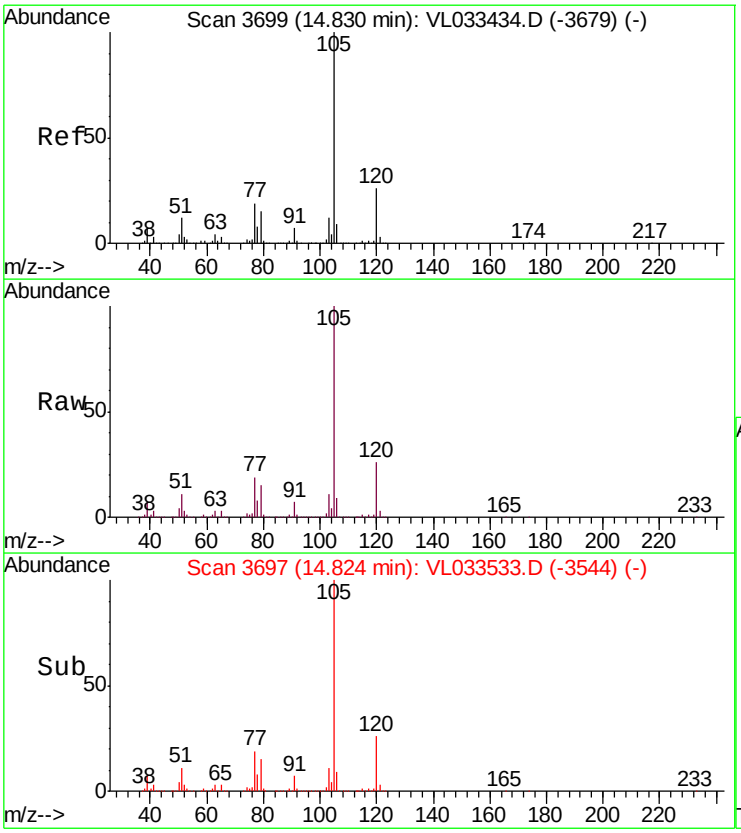
#61
Styrene
Concen: 7.575 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:104 Resp: 2005904

Ion	Ratio	Lower	Upper
104	100		
78	52.9	43.2	64.8
103	47.4	37.8	56.8

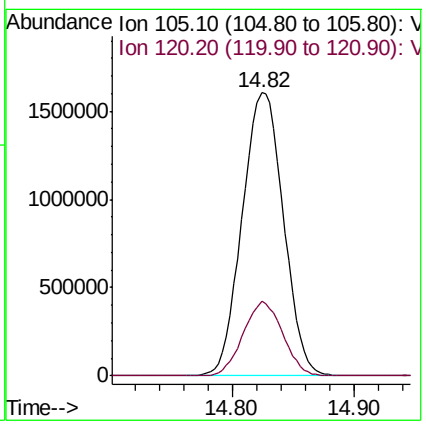


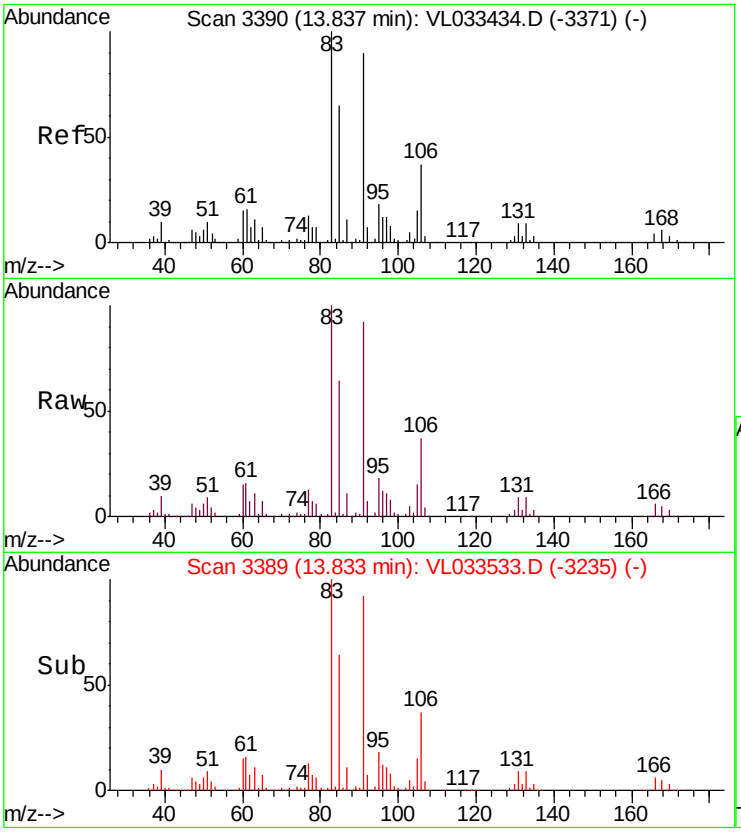


#62
Isopropylbenzene
Concen: 6.865 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:105 Resp: 3750912

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.2	30.2



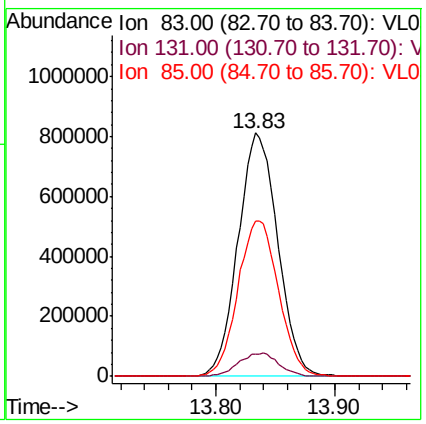


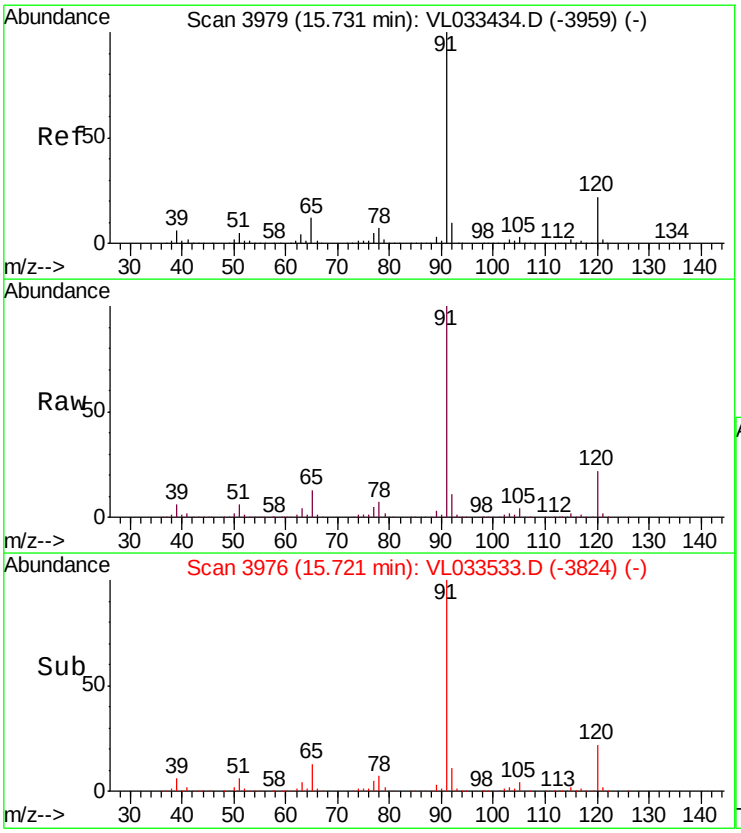
#63
1,1,2,2-Tetrachloroethane
Concen: 6.597 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 83 Resp: 1874124

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.7	14.0
85	65.4	32.7	98.1

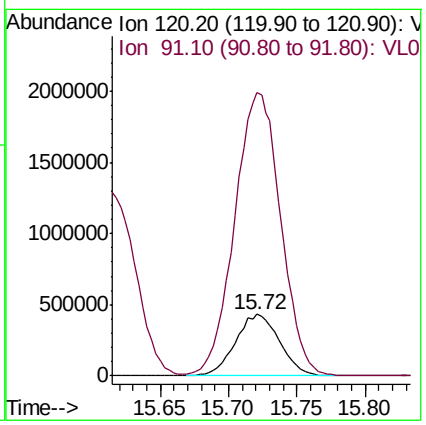


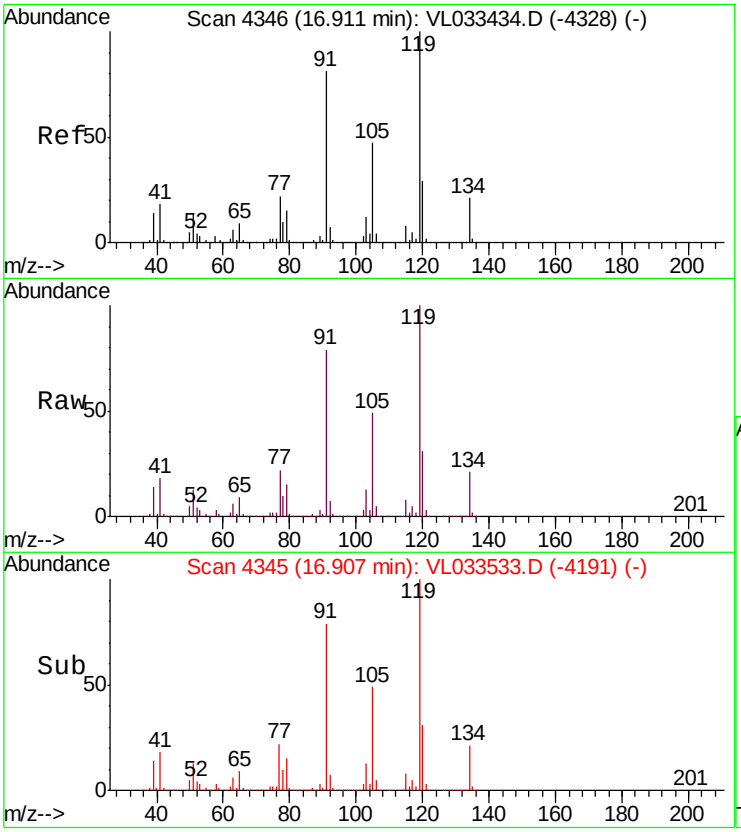


#64
n-propylbenzene
Concen: 7.046 ppbv
RT: 15.72 min Scan# 3976
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:120 Resp: 976887

Ion	Ratio	Lower	Upper
120	100		
91	477.7	387.4	581.2



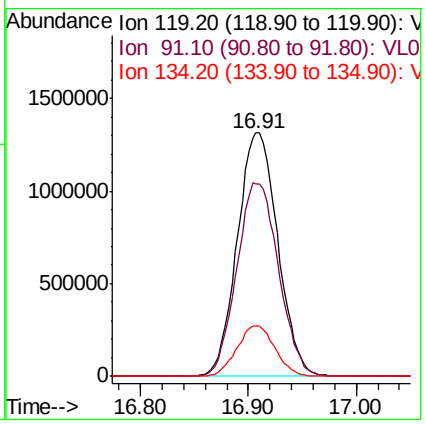


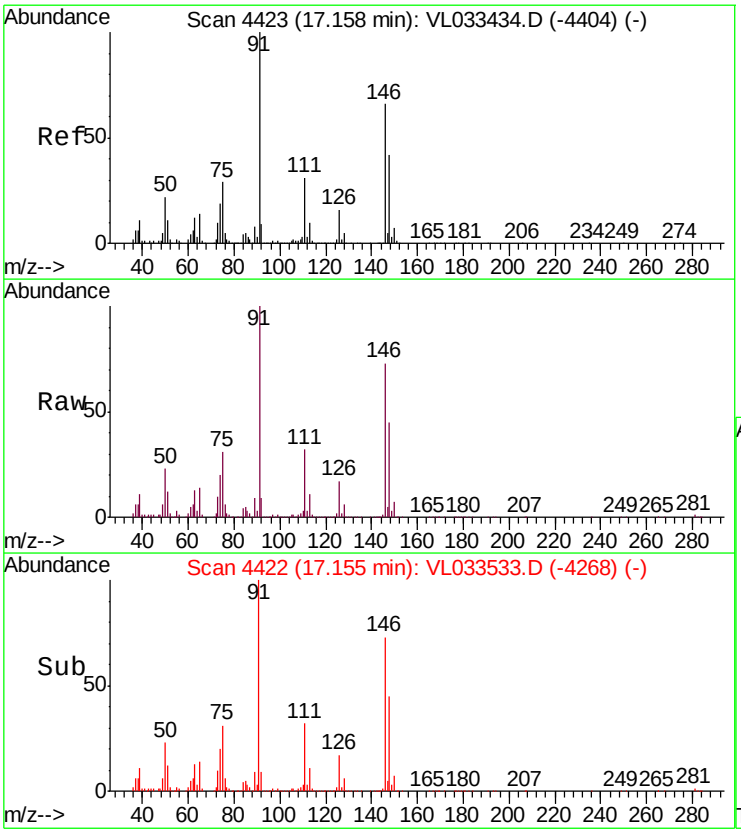
#65
tert-Butylbenzene
Concen: 7.110 ppbv
RT: 16.91 min Scan# 4345
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:119 Resp: 3423528

Ion	Ratio	Lower	Upper
119	100		
91	82.2	66.4	99.6
134	19.6	15.5	23.3

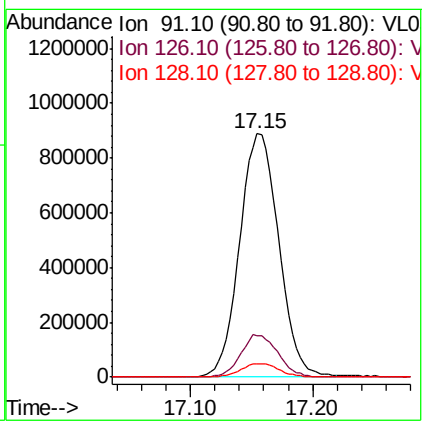


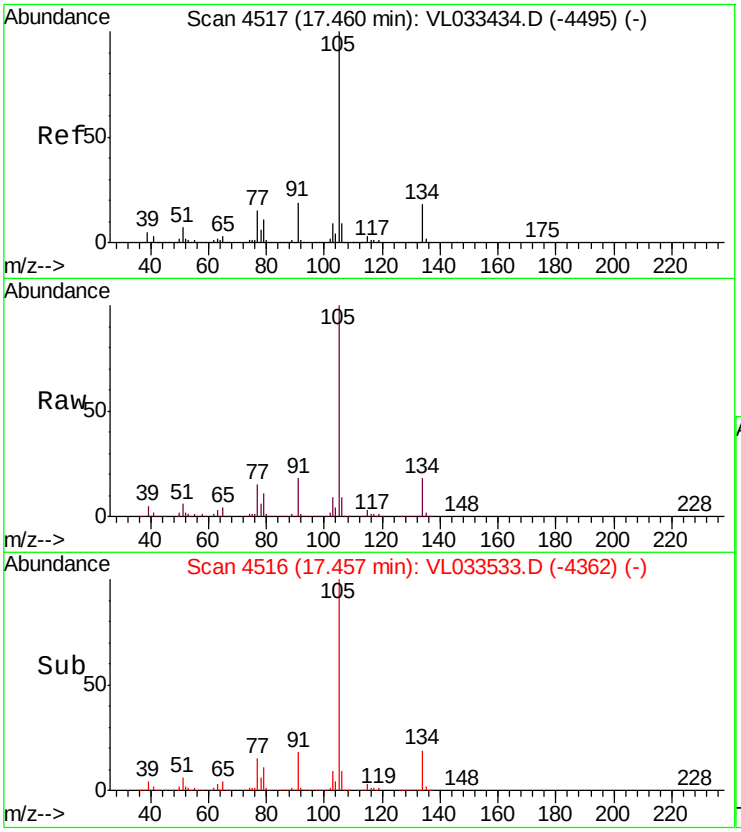


#66
Benzyl Chloride
Concen: 8.777 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 91 Resp: 1964967

Ion	Ratio	Lower	Upper
91	100		
126	16.6	13.0	19.6
128	5.4	4.2	6.2



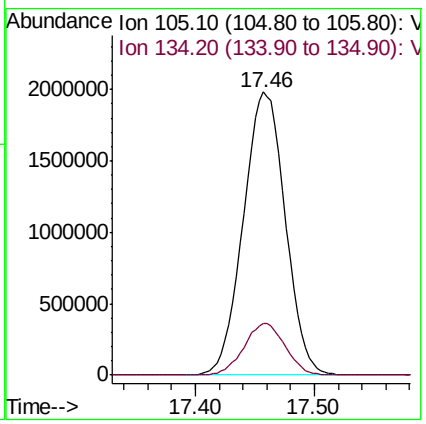


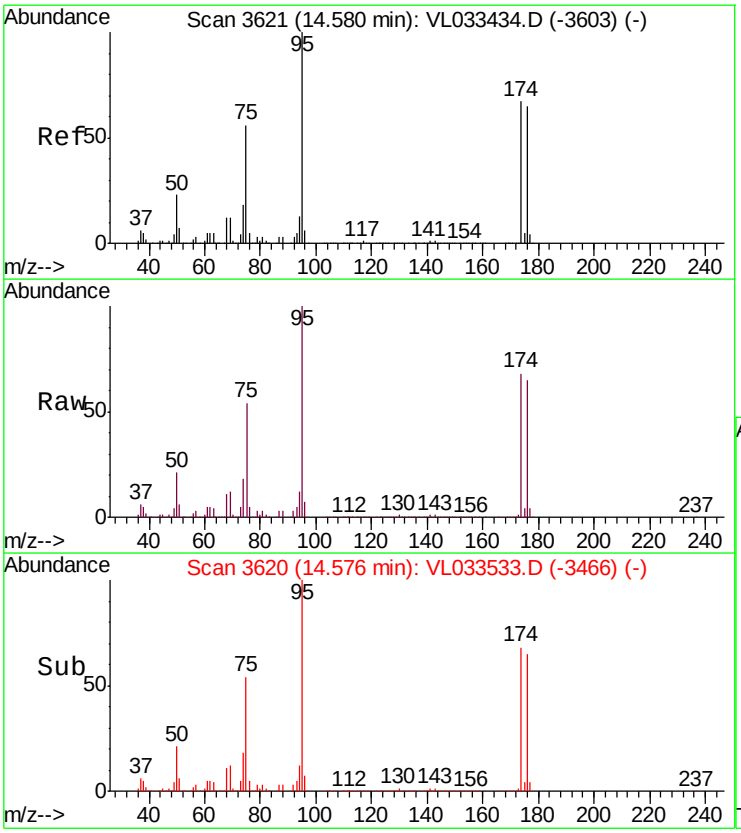
#67
sec-Butylbenzene
Concen: 7.052 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion:105 Resp: 4828419

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.6	21.8

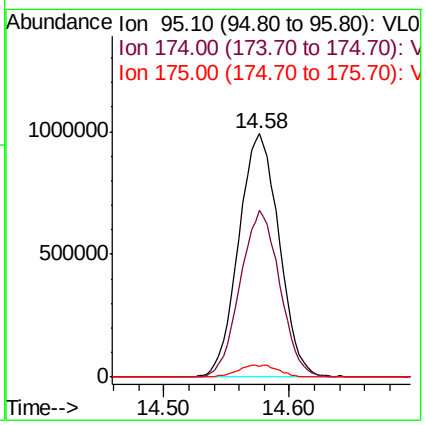


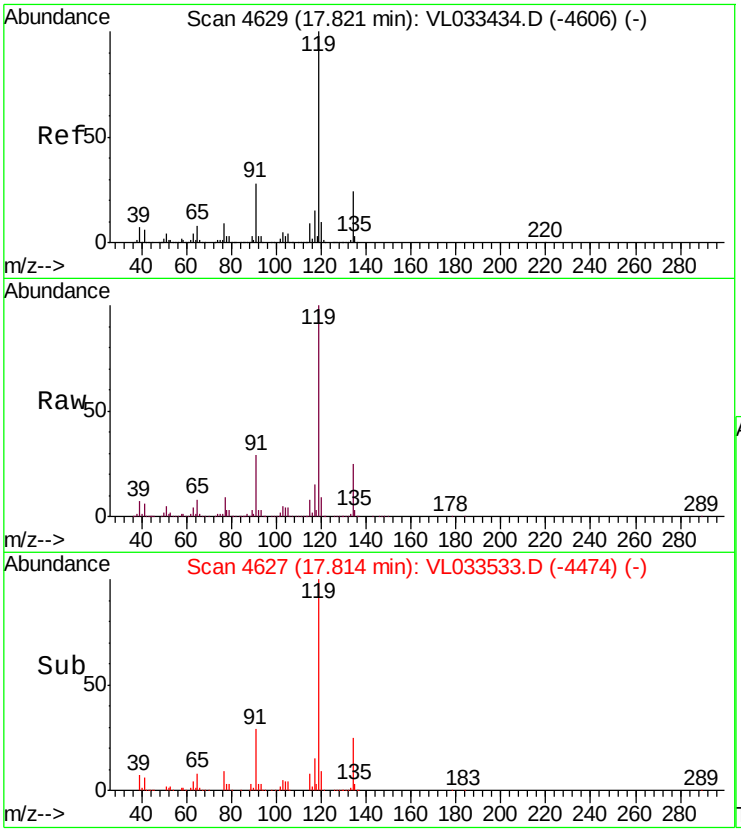


#68
1-Bromo-4-Fluorobenzene
Concen: 8.449 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 95 Resp: 2215697

Ion	Ratio	Lower	Upper
95	100		
174	67.4	52.9	79.3
175	4.9	3.8	5.6



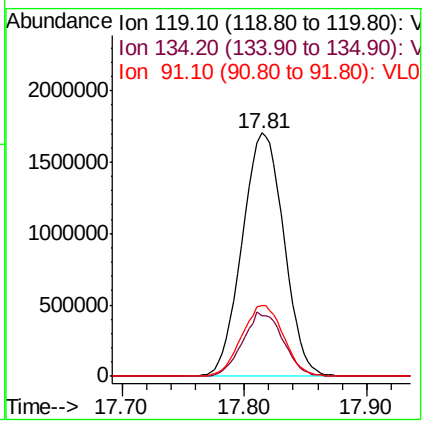


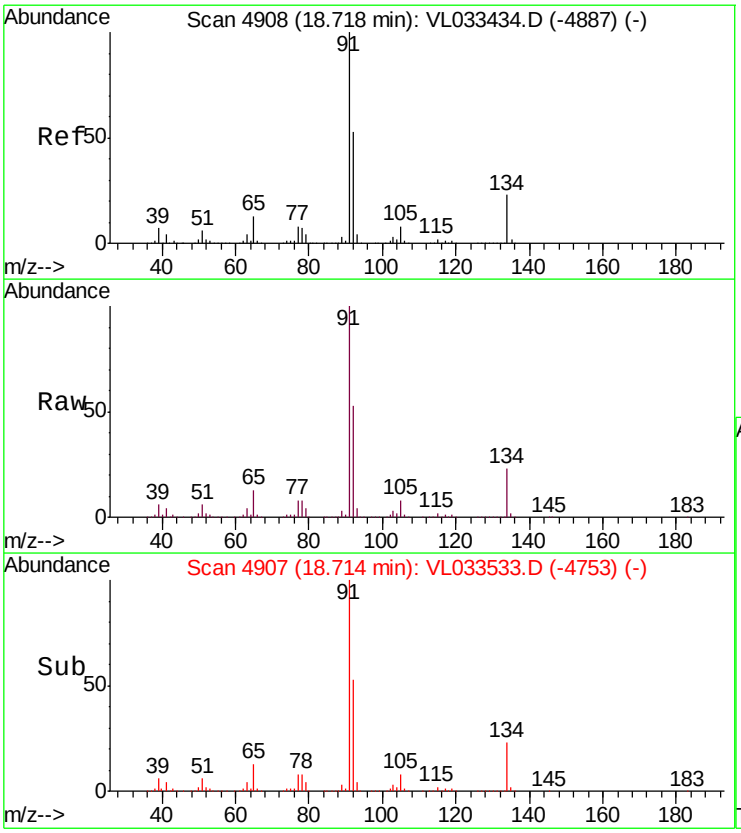
#69
p-Isopropyltoluene
Concen: 7.236 ppbv
RT: 17.81 min Scan# 4627
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument : MSVOA_L
ClientSampleId : VL0404ABS01

Tgt Ion:119 Resp: 4034147

Ion	Ratio	Lower	Upper
119	100		
134	25.4	19.9	29.9
91	29.2	23.4	35.0

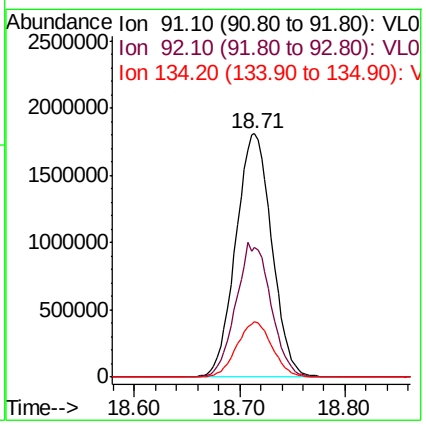


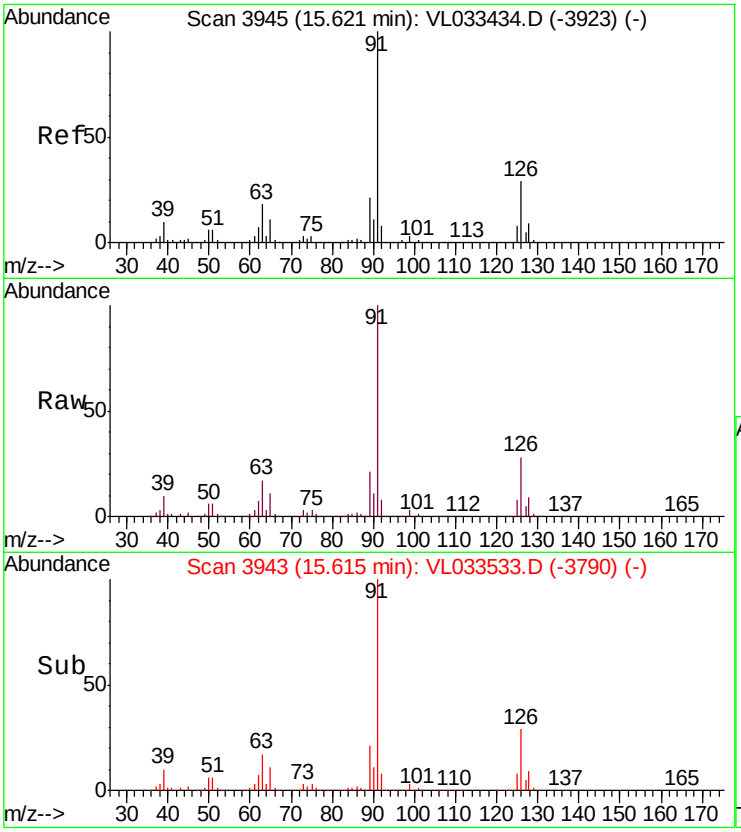


#70
n-Butylbenzene
Concen: 7.253 ppbv
RT: 18.71 min Scan# 4907
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion: 91 Resp: 4284361

Ion	Ratio	Lower	Upper
91	100		
92	53.7	42.6	64.0
134	22.3	17.5	26.3



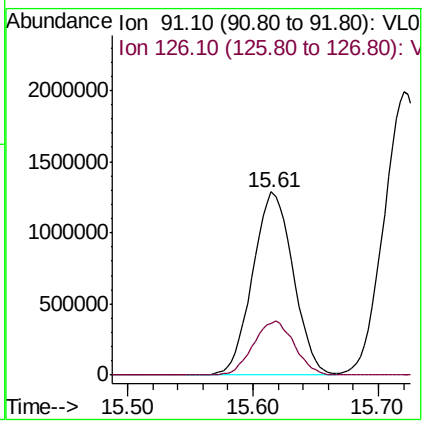


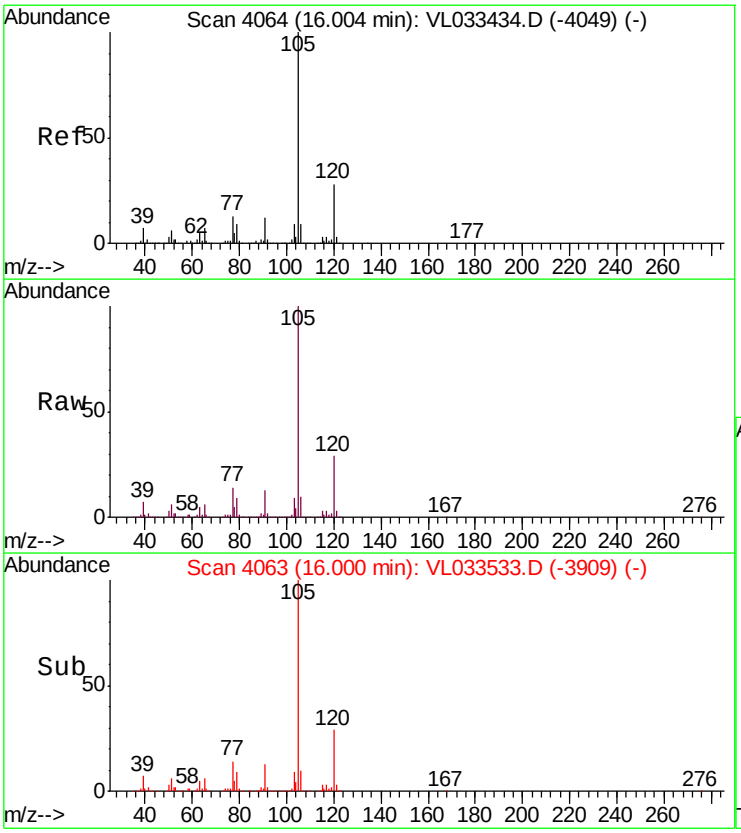
#71
2-Chlorotoluene
Concen: 6.972 ppbv
RT: 15.61 min Scan# 3943
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion: 91 Resp: 2896479

Ion	Ratio	Lower	Upper
91	100		
126	29.9	11.7	46.9

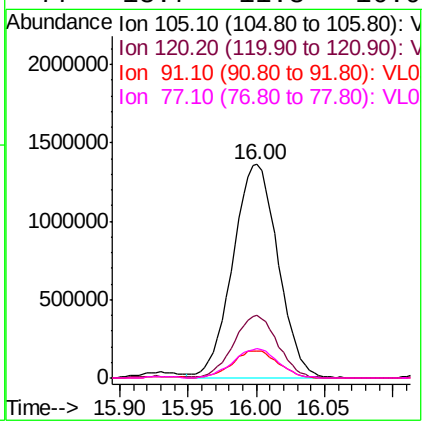


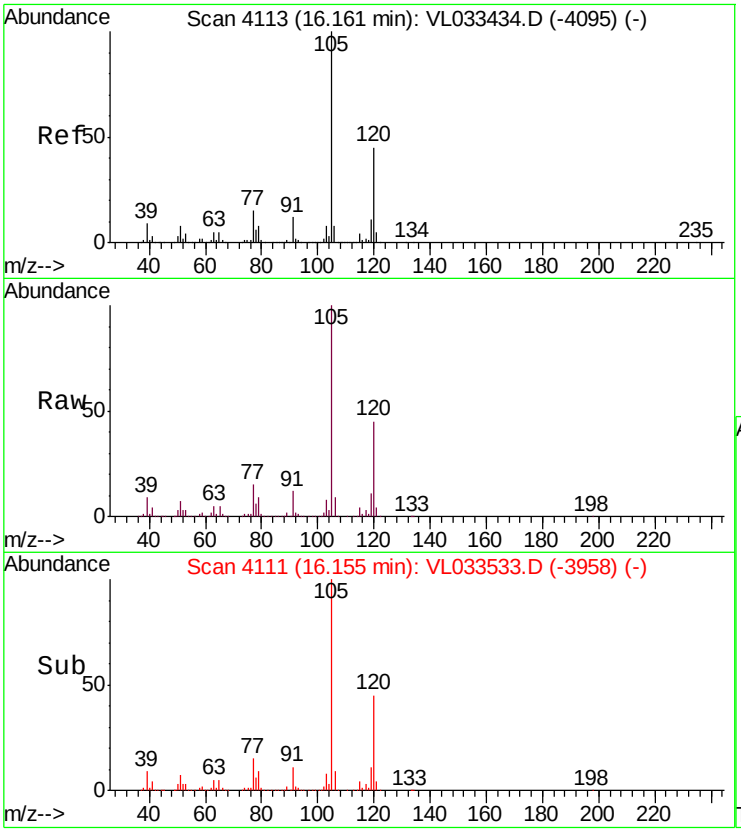


#72
4-Ethyltoluene
Concen: 7.209 ppbv
RT: 16.00 min Scan# 4063
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:105 Resp: 3126495

Ion	Ratio	Lower	Upper
105	100		
120	28.7	23.2	34.8
91	12.8	10.4	15.6
77	13.7	11.3	16.9



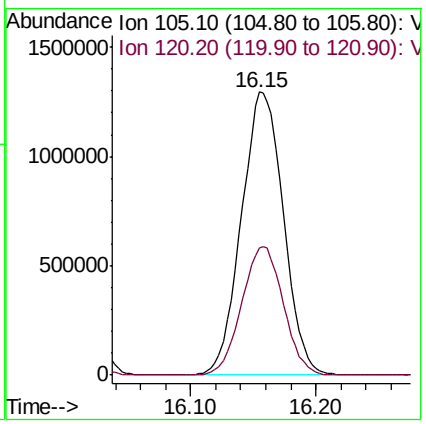


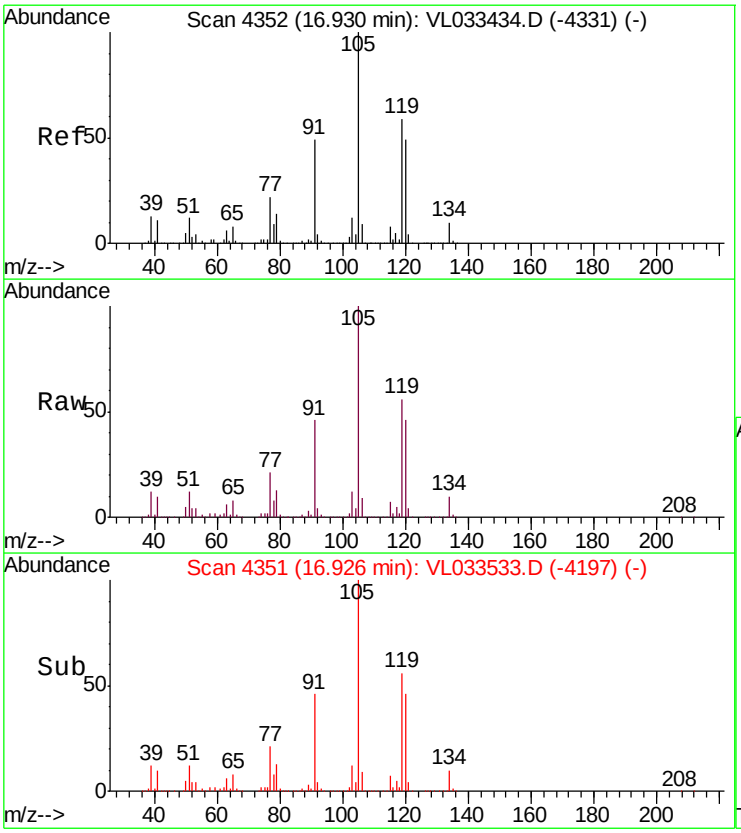
#73
1,3,5-Trimethylbenzene
Concen: 7.249 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:105 Resp: 3008698

Ion	Ratio	Lower	Upper
105	100		
120	45.0	35.7	53.5

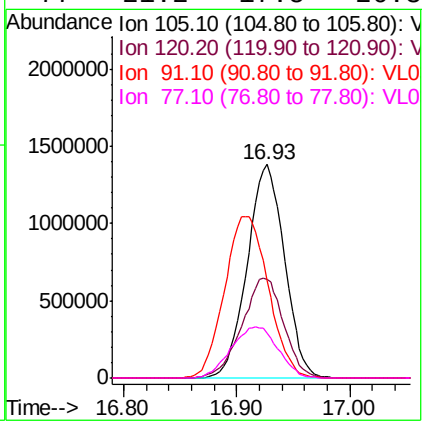


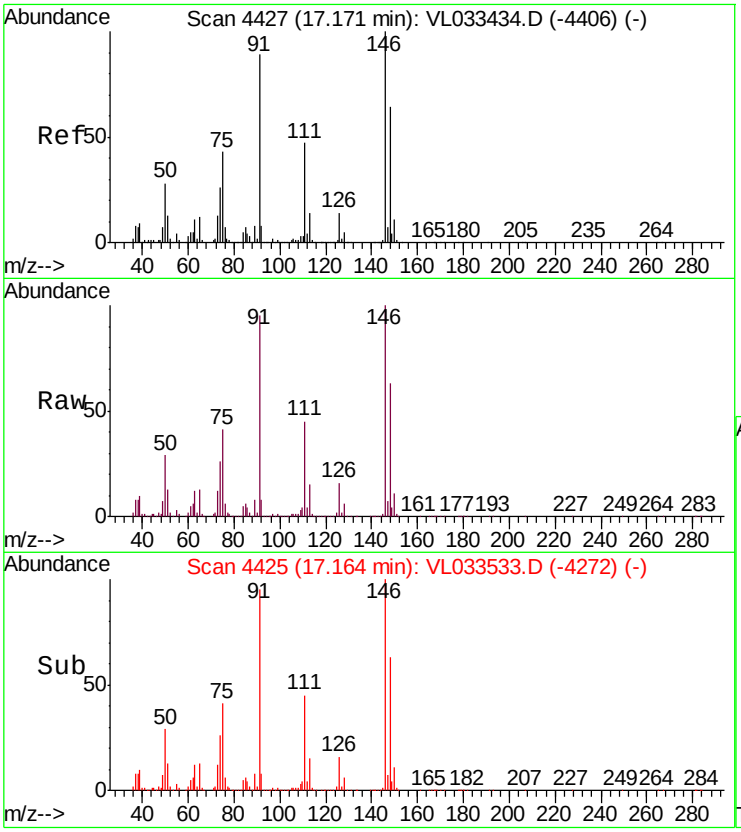


#74
1,2,4-Trimethylbenzene
Concen: 7.097 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:105 Resp: 3156986

Ion	Ratio	Lower	Upper
105	100		
120	46.2	39.0	58.6
91	45.5	40.0	60.0
77	21.2	17.5	26.3



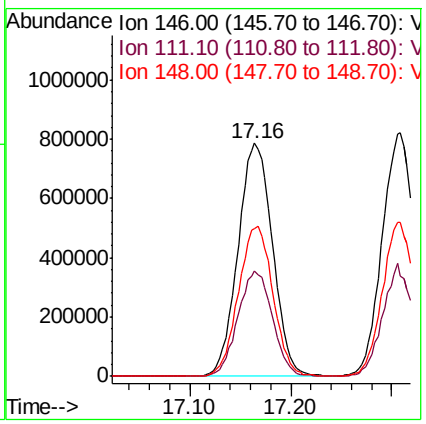


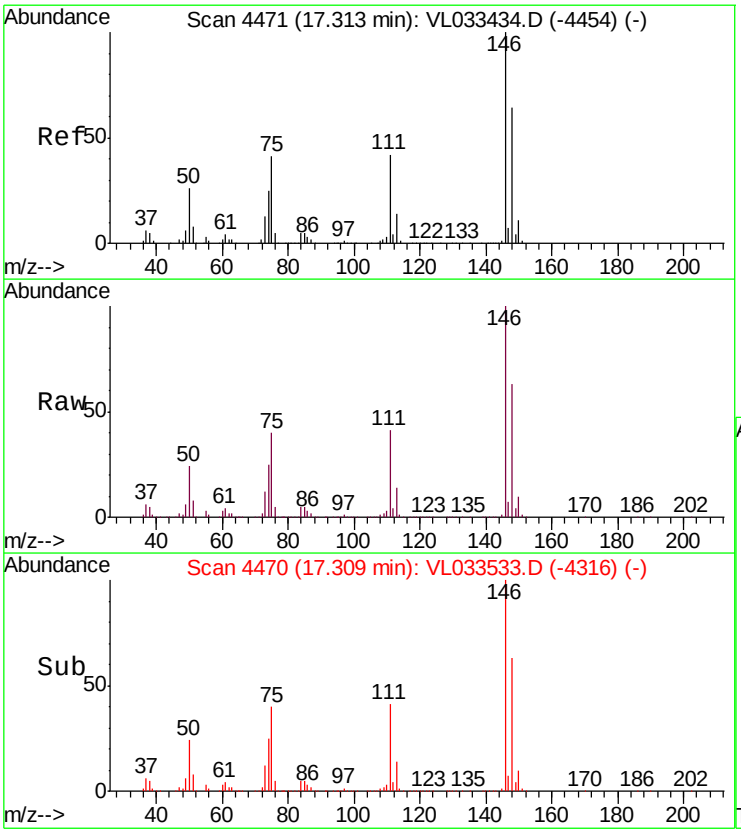
#75
1,3-Dichlorobenzene
Concen: 6.801 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:146 Resp: 1870044

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.9	68.8
148	64.1	32.0	96.2

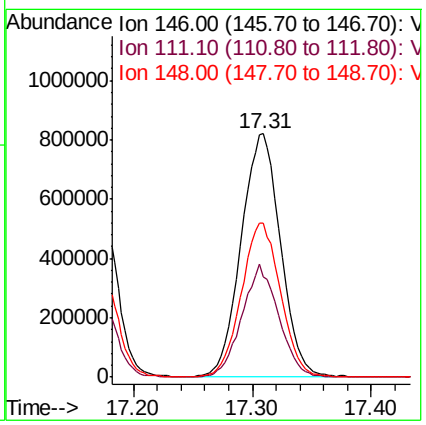


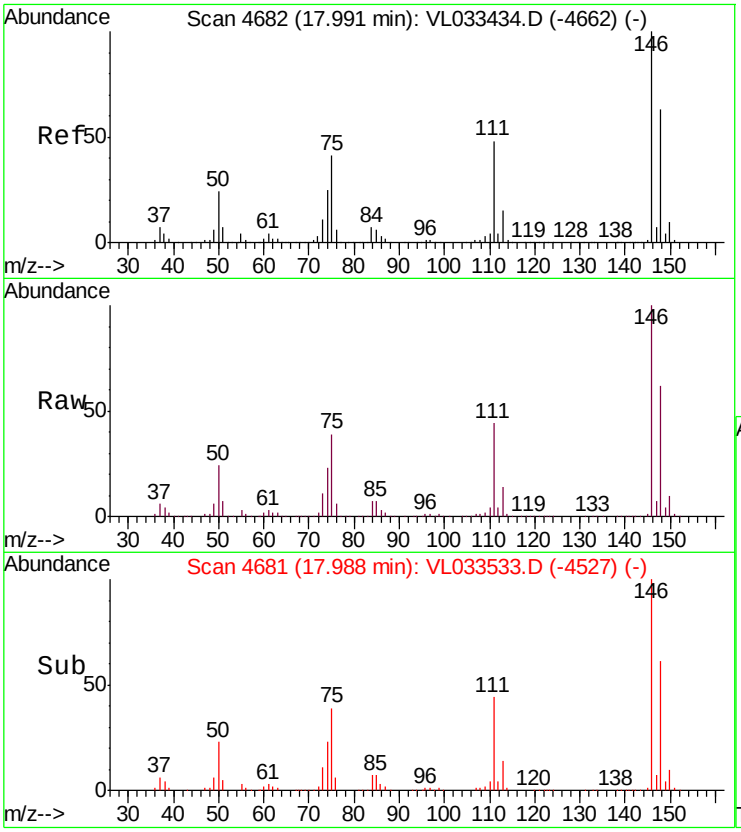


#76
1,4-Dichlorobenzene
Concen: 6.970 ppbv
RT: 17.31 min Scan# 4470
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:146 Resp: 1867256

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	63.7	32.0	96.2



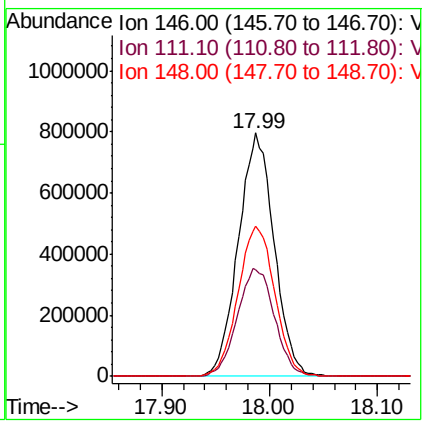


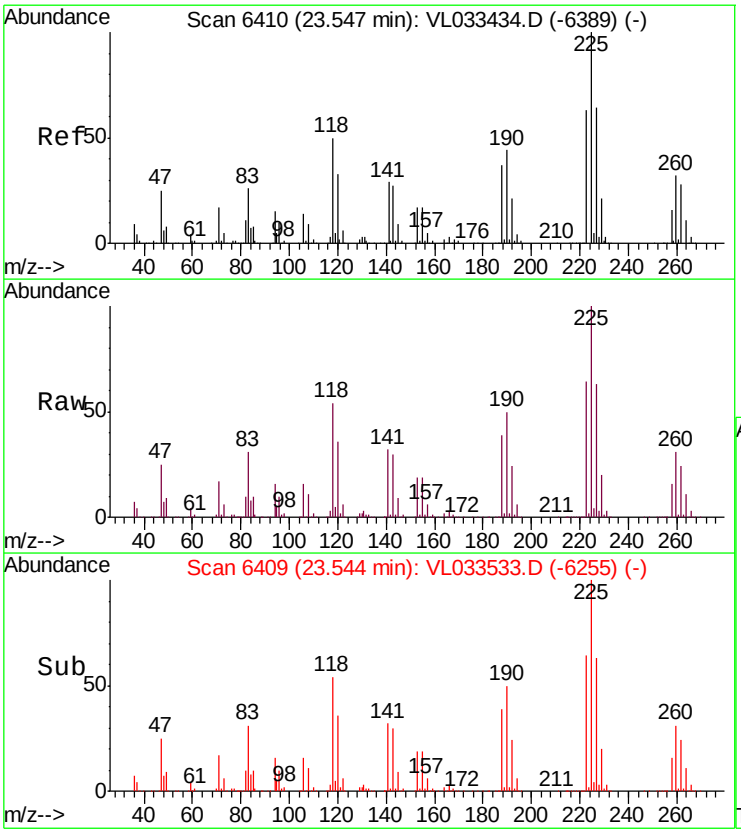
#77
1,2-Dichlorobenzene
Concen: 7.034 ppbv
RT: 17.99 min Scan# 4681
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:146 Resp: 1835131

Ion	Ratio	Lower	Upper
146	100		
111	46.2	23.5	70.5
148	63.6	32.0	96.0

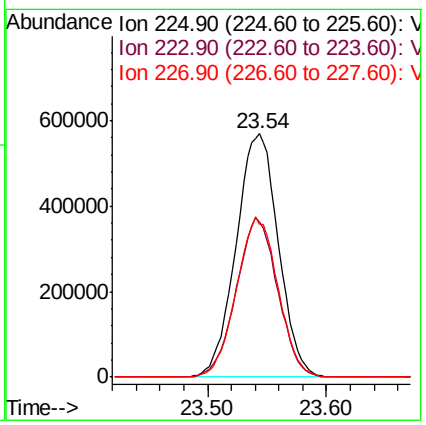


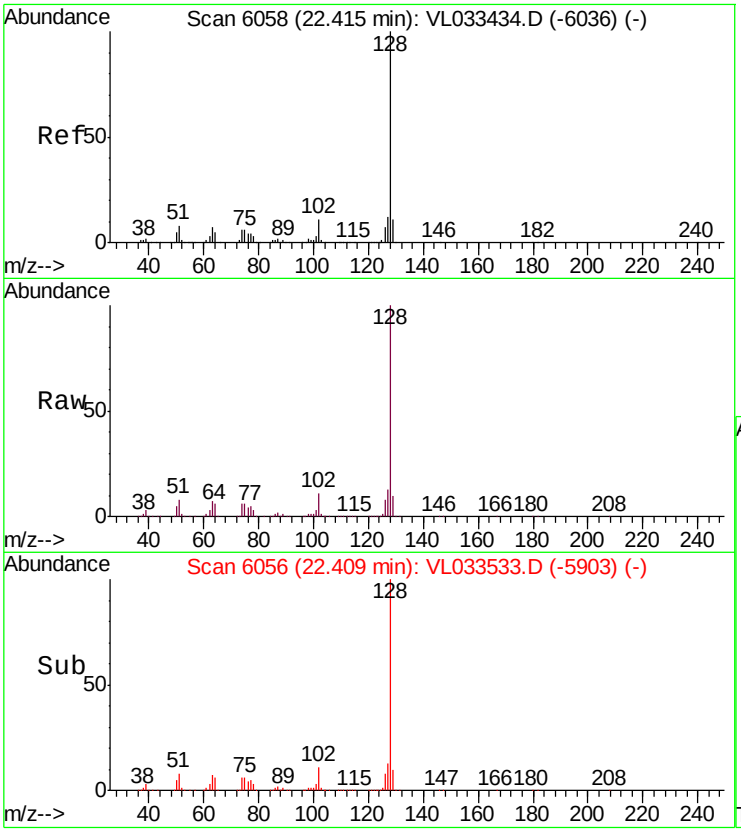


#78
Hexachloro-1,3-Butadiene
Concen: 8.100 ppbv
RT: 23.54 min Scan# 6409
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:225 Resp: 1398860

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	64.6	51.1	76.7



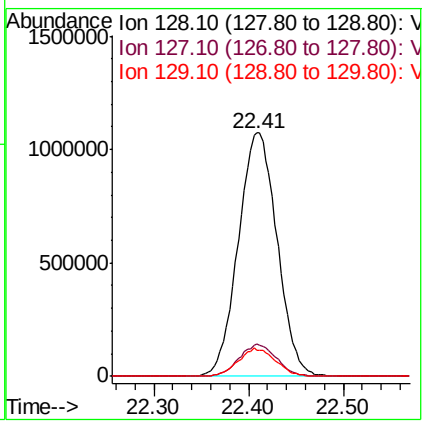


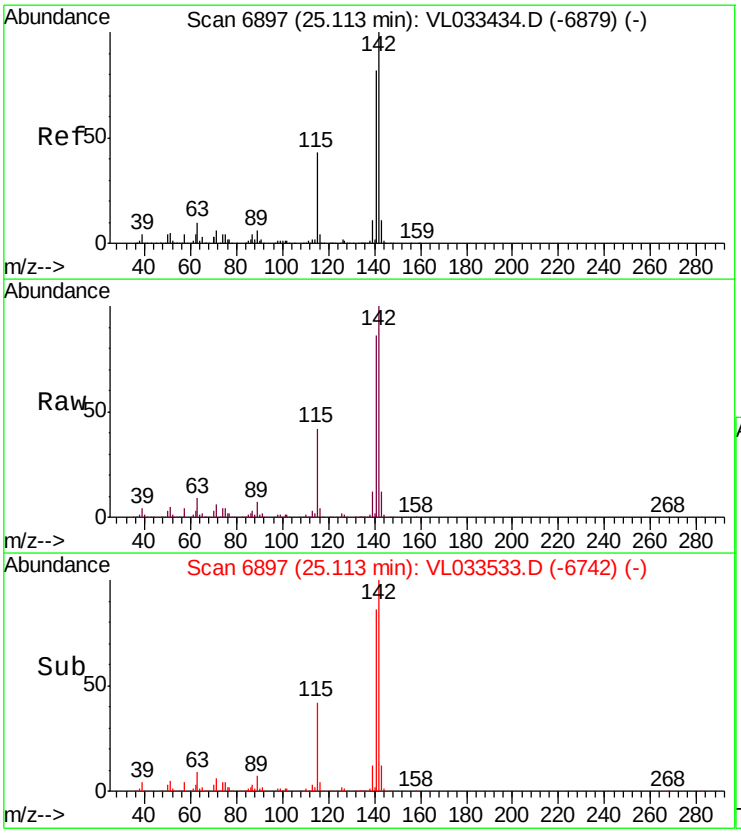
#79
Naphthalene
Concen: 8.015 ppbv
RT: 22.41 min Scan# 6056
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:128 Resp: 3052212

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.8	14.8
129	10.5	8.6	12.8

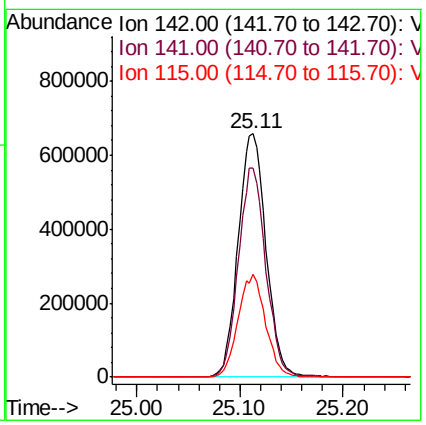


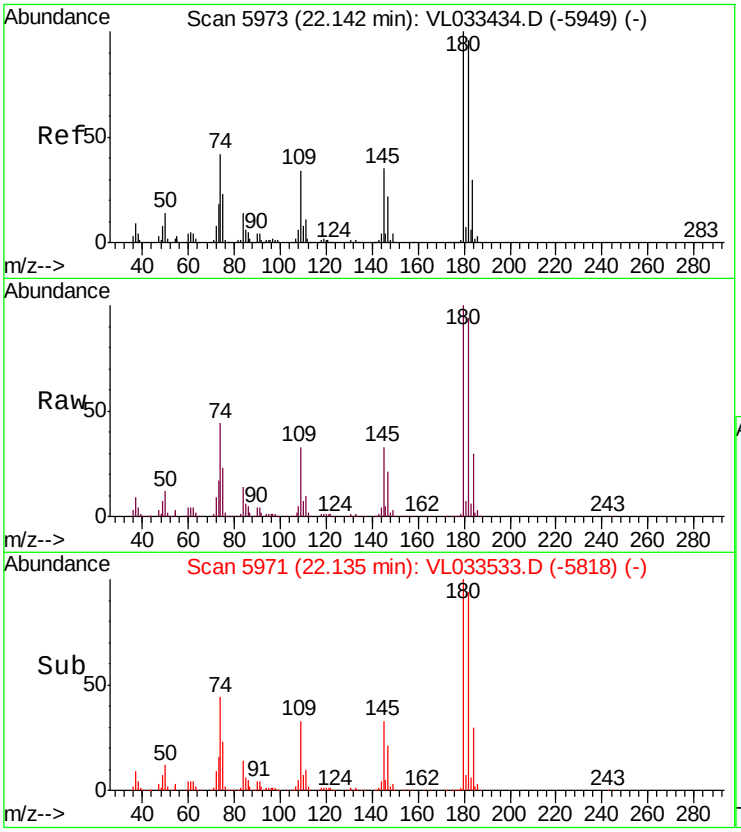


#80
Naphthalene,2-methyl-
Concen: 9.698 ppbv
RT: 25.11 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Tgt Ion:142 Resp: 1239364

Ion	Ratio	Lower	Upper
142	100		
141	84.9	66.6	99.8
115	41.7	34.4	51.6





#81
1,2,4-Trichlorobenzene
Concen: 7.502 ppbv
RT: 22.14 min Scan# 5971
Delta R.T. -0.01 min
Lab File: VL033533.D
Acq: 4 Apr 2019 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0404ABS01

Tgt Ion:180 Resp: 1584629

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.4
184	30.7	24.6	36.8