Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030819\

Quantitation Report (Not Reviewed)

Data File : VL033257.D
Acq On : 8 Mar 2019 13:27
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Mar 08 16:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 08 16:12:14 2019
QLast Update : Fri Mar 08 16:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	974054	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2288512	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2323172	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1976715	11.21	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 112.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	381556	2.773	ppbv		97
3) Chlorodifluoromethane	3.01	51	231886	2.080	ppbv		98
4) Chloromethane	3.17	50	119750	2.087	ppbv		93
5) Vinyl Chloride	3.29	62	117834	1.831	ppbv		99
6) Bromomethane	3.52	94	74704	2.030	ppbv		83
7) Chloroethane	3.60	64	43999	2.046	ppbv		92
8) Dichlorotetrafluoroethane	3.22	85	305688	2.247	ppbv		99
9) Propene	3.04	41	103977	2.093	ppbv		98
10) Heptane	8.24	43	271864	2.011	ppbv		99
11) Trichlorofluoromethane	4.00	101	344076	2.130	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	225337	2.151	ppbv		98
13) Ethanol	3.64	45	12326	0.830	ppbv	#	38
14) Bromoethene	3.79	108	94067	2.132	ppbv		100
15) Acetone	3.90	43	258148	2.059	ppbv		97
16) 1,3-Butadiene	3.36	39	100538	2.009	ppbv		91
17) tert-Butyl alcohol	4.37	59	37323	1.827	ppbv	#	92
18) 1,1-Dichloroethene	4.35	96	102635	2.201	ppbv		98
19) Isopropyl Alcohol	4.03	45	138738	1.862	ppbv	#	98
20) Methylene Chloride	4.41	84	106479	2.241	ppbv		98
21) Allyl Chloride	4.47	41	146633	2.096	ppbv		99
22) trans-1,2-Dichloroethene	4.96	96	102025	2.143	ppbv		93
23) Vinyl Acetate	5.15	43	352813	1.908	ppbv	#	98
24) 1,1-Dichloroethane	5.09	63	255789	1.940	ppbv		98
25) Ethyl Acetate	5.77	43	468900	2.040	ppbv		99
26) Hexane	5.78	57	222211	2.069	ppbv		95
27) Carbon Disulfide	4.62	76	225170	2.174	ppbv		97
28) Methyl tert-Butyl Ether	5.12	73	284702	1.922	ppbv		100
29) Chloroform	5.84	83	334144	2.000	ppbv		98
30) Cyclohexane	7.24	84	162794	2.024	ppbv		88
31) cis-1,2-Dichloroethene	5.64	61	206152	1.987	ppbv		93
32) 1,1,1-Trichloroethane	6.61	97	306036	1.888	ppbv		99
34) 2-Butanone	5.33	43	298711	1.884	ppbv		99
35) Carbon Tetrachloride	7.13	117	325328	1.879	ppbv		99
36) Benzene	7.00	78	413413	1.925	ppbv		97
37) 1,2-Dichloroethane	6.41	62	255306	1.910	ppbv		100
38) Trichloroethene	7.95	130	158043	1.948	ppbv		98
39) 1,2-Dichloropropane	7.73	63	158036	1.885	ppbv		98
40) 1,4-Dioxane	7.97	88	31250	1.004	ppbv	#	1
41) Tetrahydrofuran	6.15	42	162398	1.864	ppbv		99
42) Bromodichloromethane	7.91	83	354249	1.874	ppbv		98
43) Methyl Methacrylate	8.14	69	159016	1.830	ppbv		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030819\

Quantitation Report (Not Reviewed)

Data File : VL033257.D
Acq On : 8 Mar 2019 13:27
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Mar 08 16:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 08 16:12:14 2019
QLast Update : Fri Mar 08 16:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	732861	1.929	ppbv		99
45) t-1,3-Dichloropropene	9.41	75	192236	1.828	ppbv		97
46) cis-1,3-Dichloropropene	8.83	75	227349	1.813	ppbv		97
47) 1,1,2-Trichloroethane	9.61	97	168873	1.871	ppbv		97
48) Dibromochloromethane	10.44	129	282794	1.935	ppbv		99
49) Bromoform	13.20	173	252594	2.164	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	438196	1.868	ppbv		100
51) 2-Hexanone	10.27	43	329717	1.879	ppbv	#	98
52) Tetrachloroethene	11.37	164	151279	1.890	ppbv		97
53) Toluene	9.94	91	473991	1.909	ppbv		98
54) 1,2-Dibromoethane	10.75	107	258549	1.886	ppbv		95
56) 1,1,1,2-Tetrachloroethane	12.28	131	202529	2.008	ppbv	#	1
57) Chlorobenzene	12.29	112	353066	1.952	ppbv		99
58) Ethyl Benzene	12.86	91	728423	2.267	ppbv		98
59) m/p-Xylene	13.14	91	635208	2.320	ppbv	#	32
60) o-Xylene	13.85	91	609447	2.334	ppbv		98
61) Styrene	13.68	104	228846	1.246	ppbv	#	41
62) Isopropylbenzene	14.82	105	824241	2.264	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.83	83	390963	2.104	ppbv		98
64) n-propylbenzene	15.72	120	202803	2.248	ppbv		96
65) tert-Butylbenzene	16.90	119	721625	2.322	ppbv		99
66) Benzyl Chloride	17.15	91	127978	1.065	ppbv	#	67
67) sec-Butylbenzene	17.45	105	1009390	2.278	ppbv		99
69) p-Isopropyltoluene	17.81	119	828196	2.312	ppbv		100
70) n-Butylbenzene	18.71	91	886534	2.259	ppbv		99
71) 2-Chlorotoluene	15.61	91	343907	1.236	ppbv	#	58
72) 4-Ethyltoluene	15.99	105	650832	2.281	ppbv		99
73) 1,3,5-Trimethylbenzene	16.15	105	624872	2.282	ppbv		94
74) 1,2,4-Trimethylbenzene	16.92	105	641440	2.228	ppbv	#	91
75) 1,3-Dichlorobenzene	17.16	146	378286	2.247	ppbv		99
76) 1,4-Dichlorobenzene	17.30	146	365040	2.188	ppbv		99
77) 1,2-Dichlorobenzene	17.98	146	370049	2.264	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	272662	2.357	ppbv		100
79) Naphthalene	22.41	128	626695	1.780	ppbv		96
80) Naphthalene,2-methyl-	25.12	142	71986	0.684	ppbv		98
81) 1,2,4-Trichlorobenzene	22.13	180	337336	1.907	ppbv		98

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

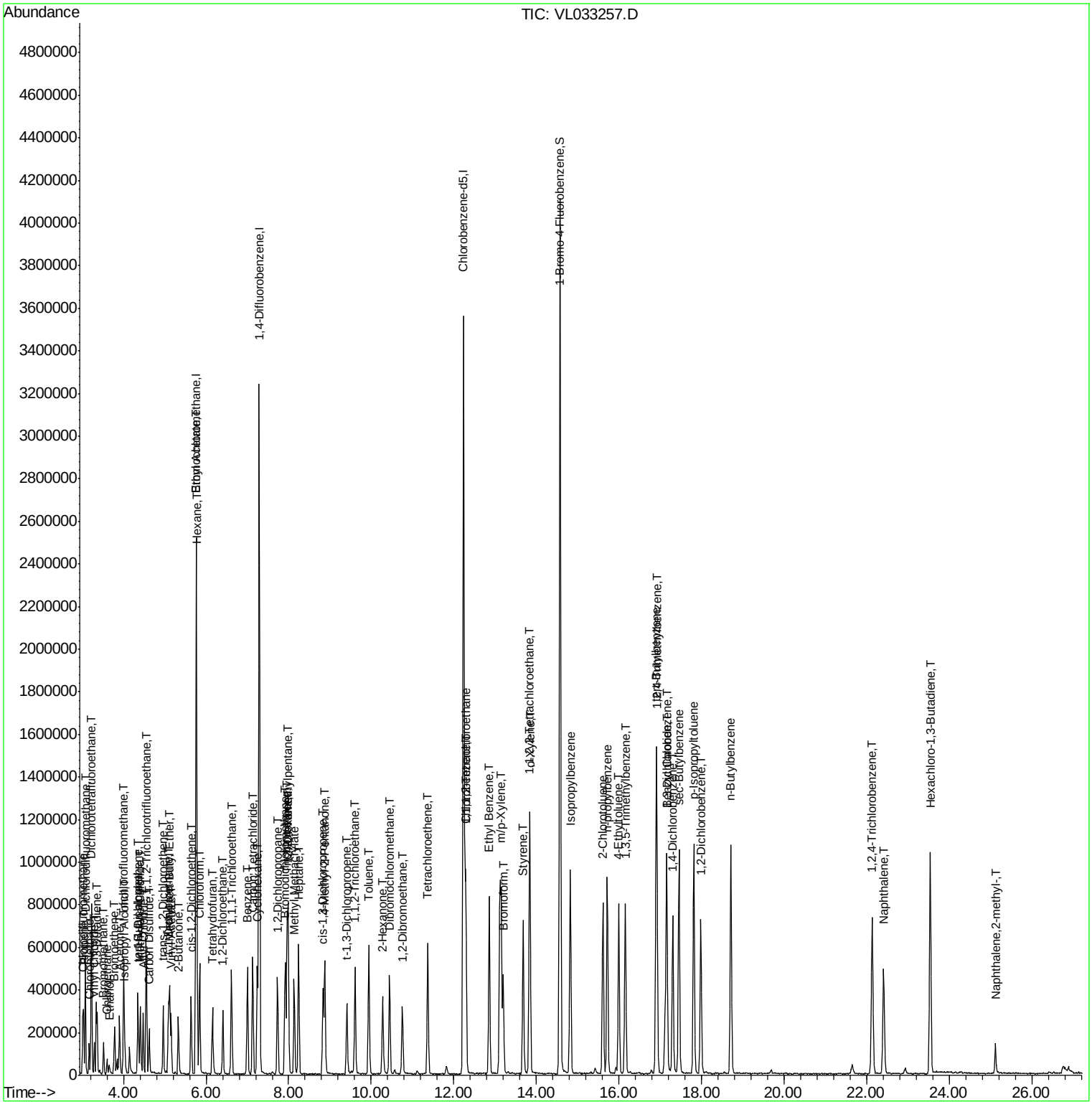
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030819\

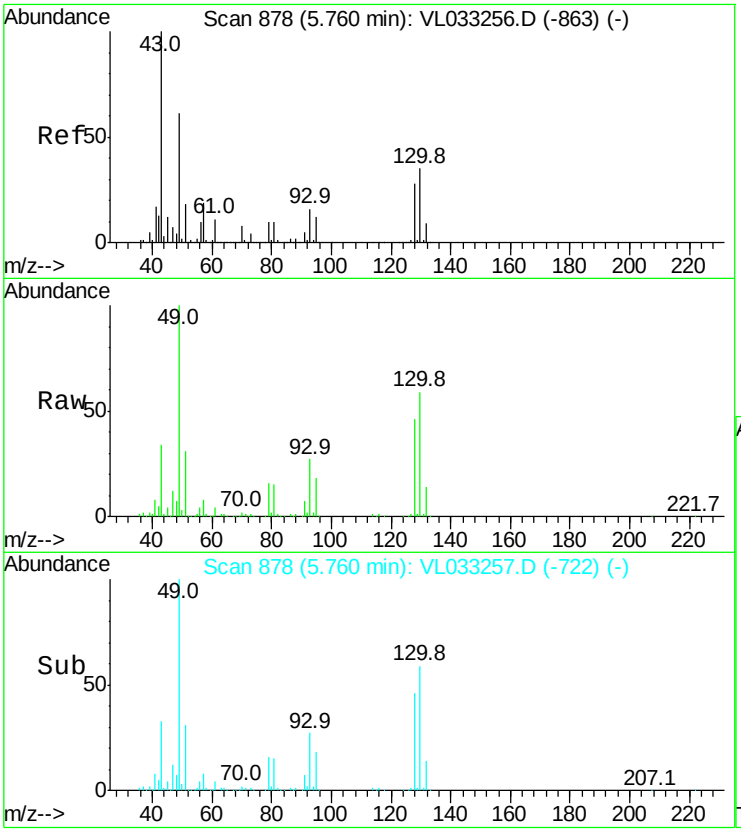
Quantitation Report (Not Reviewed)

Data File : VL033257.D
Acq On : 8 Mar 2019 13:27
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Mar 08 16:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 08 16:12:14 2019
QLast Update : Fri Mar 08 16:12:14 2019
Response via : Initial Calibration



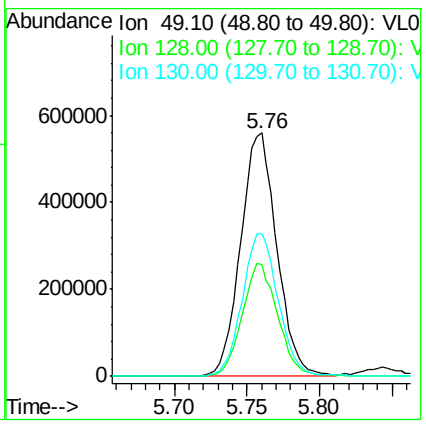


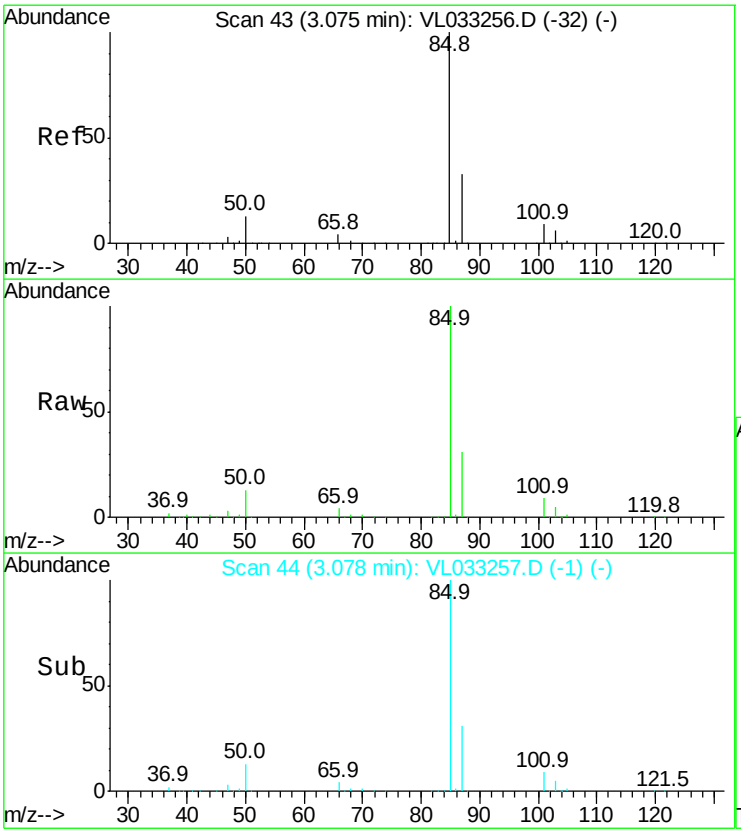
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 974054

Ion	Ratio	Lower	Upper
49	100		
128	45.7	22.5	67.5
130	59.2	29.1	87.4

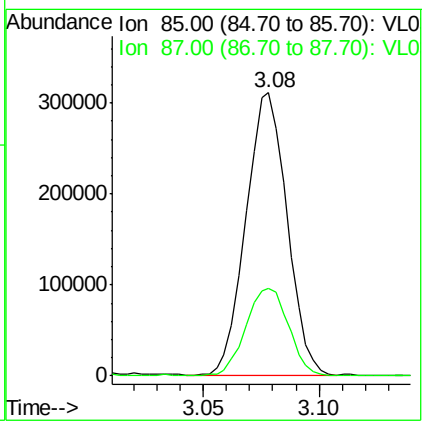


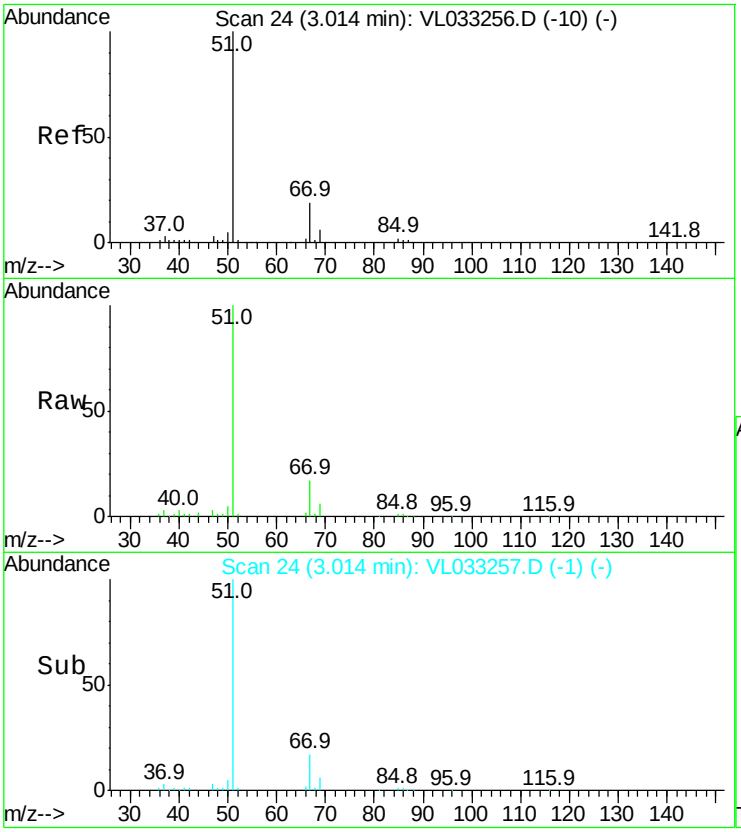


#2
Dichlorodifluoromethane
Concen: 2.773 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 85 Resp: 381556

Ion	Ratio	Lower	Upper
85	100		
87	31.0	26.2	39.4



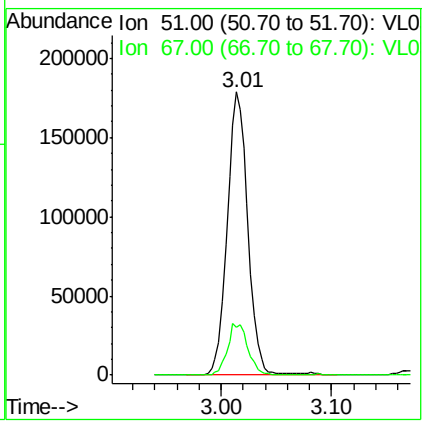


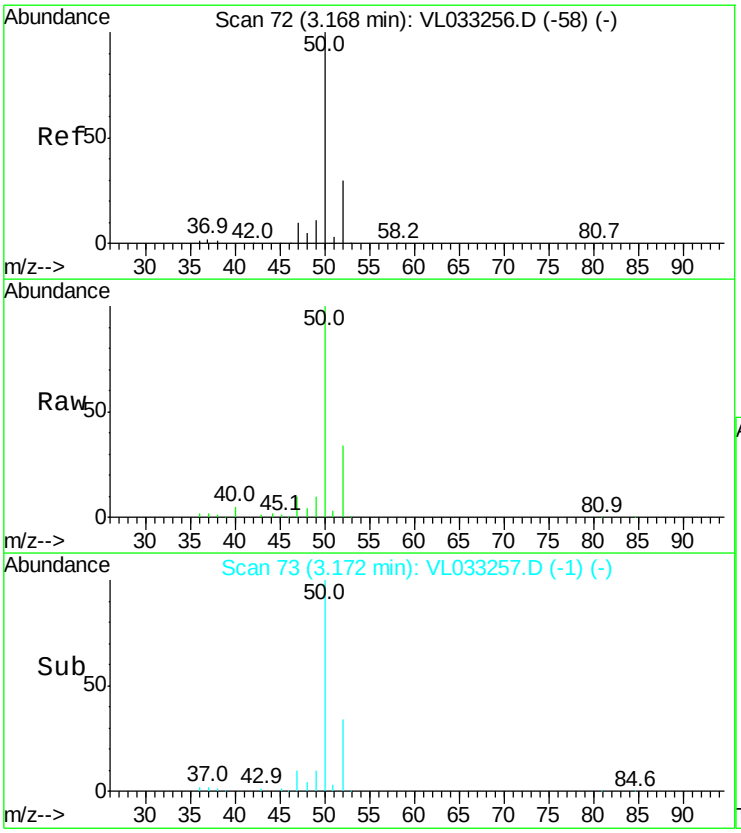
#3
Chlorodifluoromethane
Concen: 2.080 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 231886

Ion	Ratio	Lower	Upper
51	100		
67	18.0	15.0	22.6

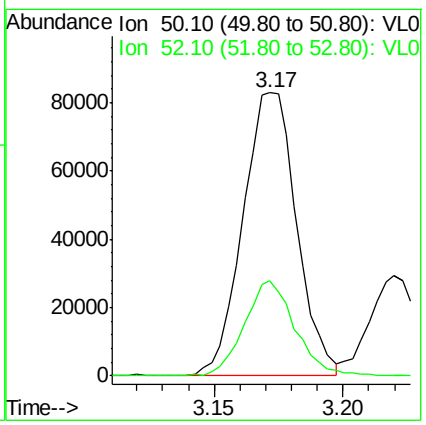


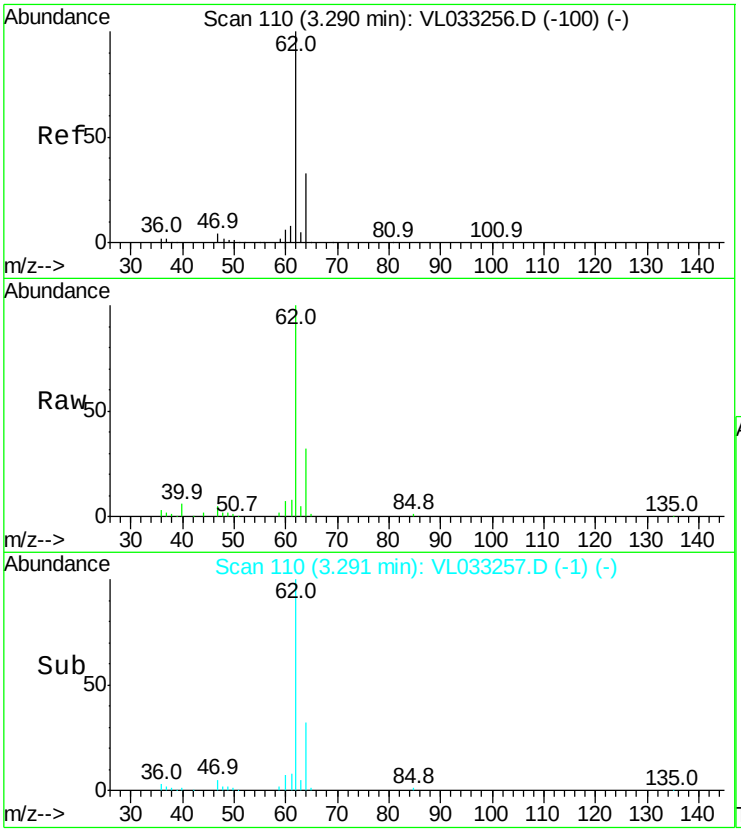


#4
Chloromethane
Concen: 2.087 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 50 Resp: 119750

Ion	Ratio	Lower	Upper
50	100		
52	34.1	24.2	36.2



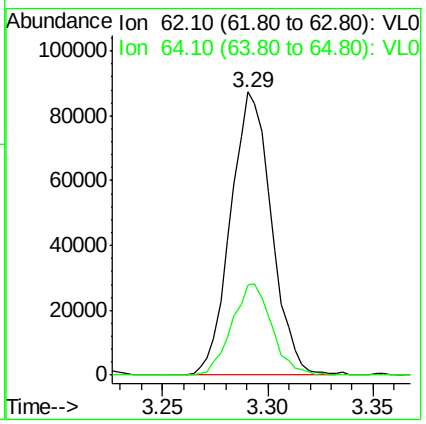


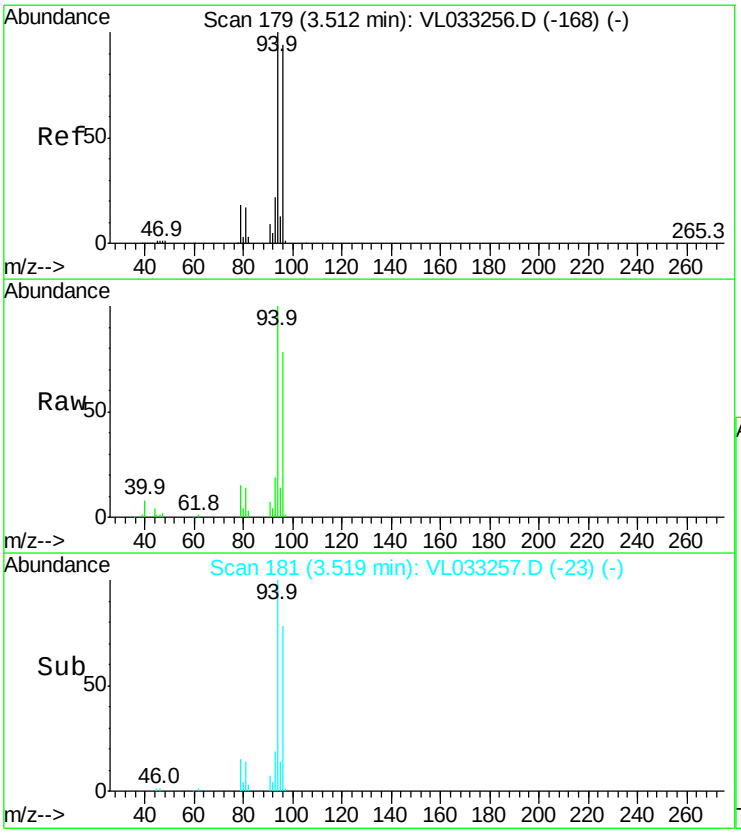
#5
Vinyl Chloride
Concen: 1.831 ppbv
RT: 3.29 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 117834

Ion	Ratio	Lower	Upper
62	100		
64	32.3	26.4	39.6

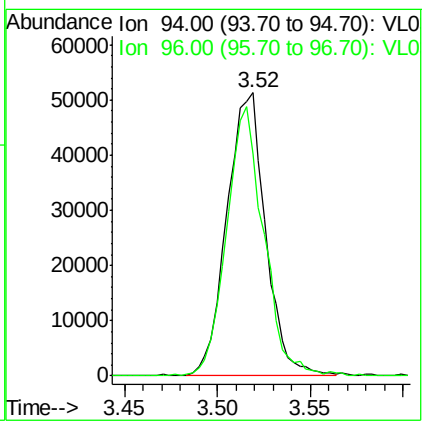


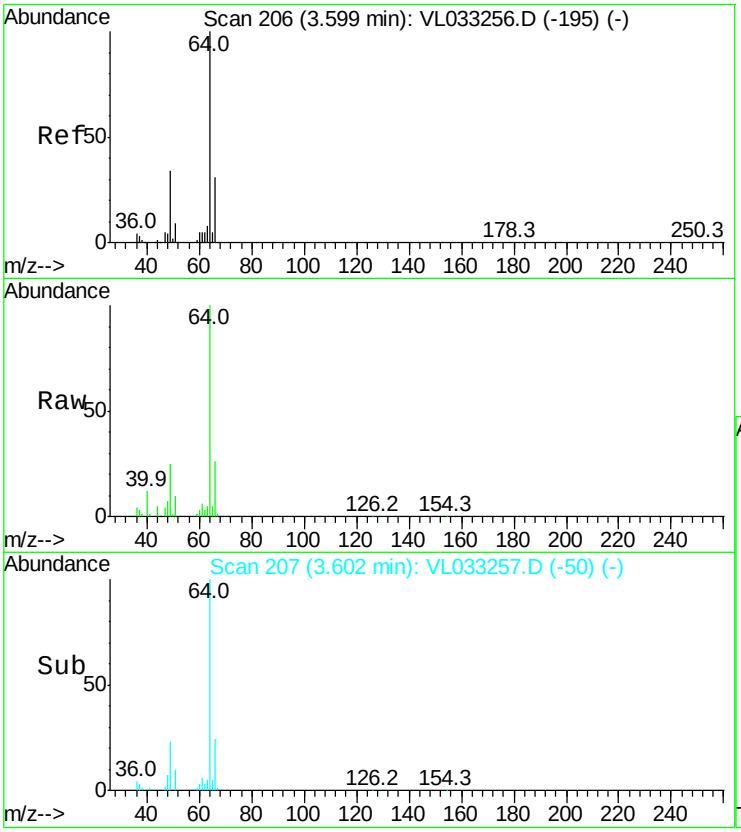


#6
Bromomethane
Concen: 2.030 ppbv
RT: 3.52 min Scan# 181
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 94 Resp: 74704

Ion	Ratio	Lower	Upper
94	100		
96	77.7	75.3	112.9



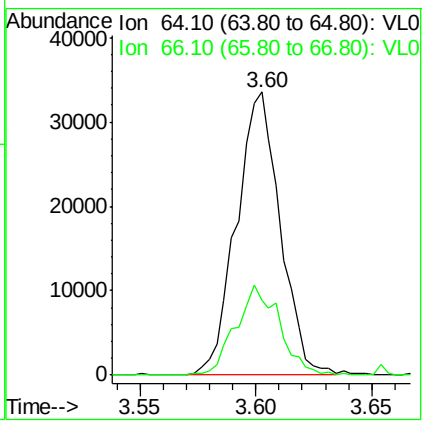


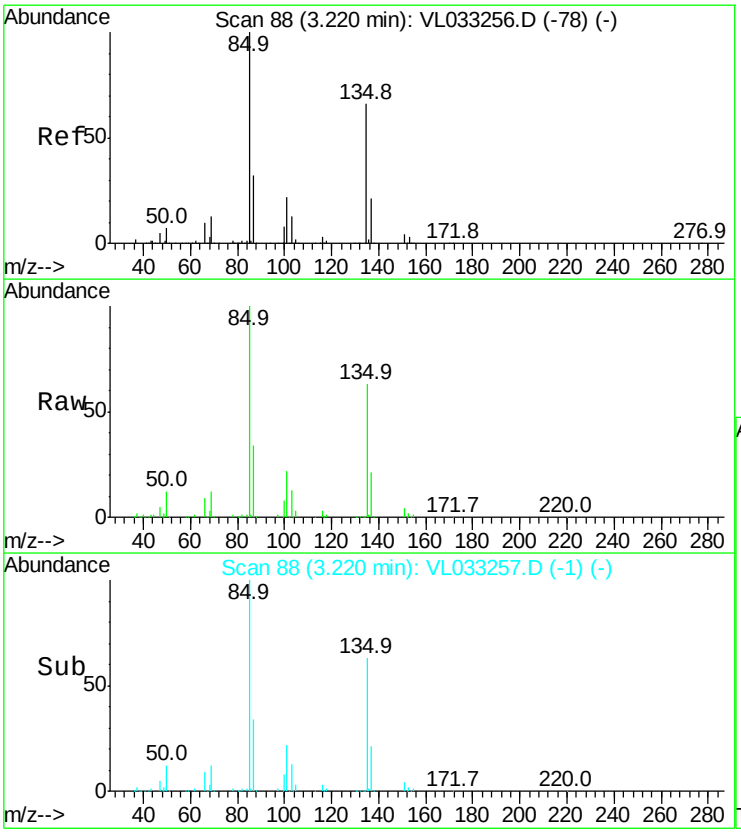
#7
Chloroethane
Concen: 2.046 ppbv
RT: 3.60 min Scan# 207
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 43999

Ion	Ratio	Lower	Upper
64	100		
66	26.9	25.2	37.8

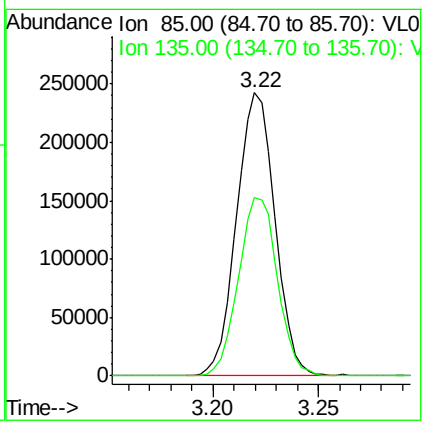


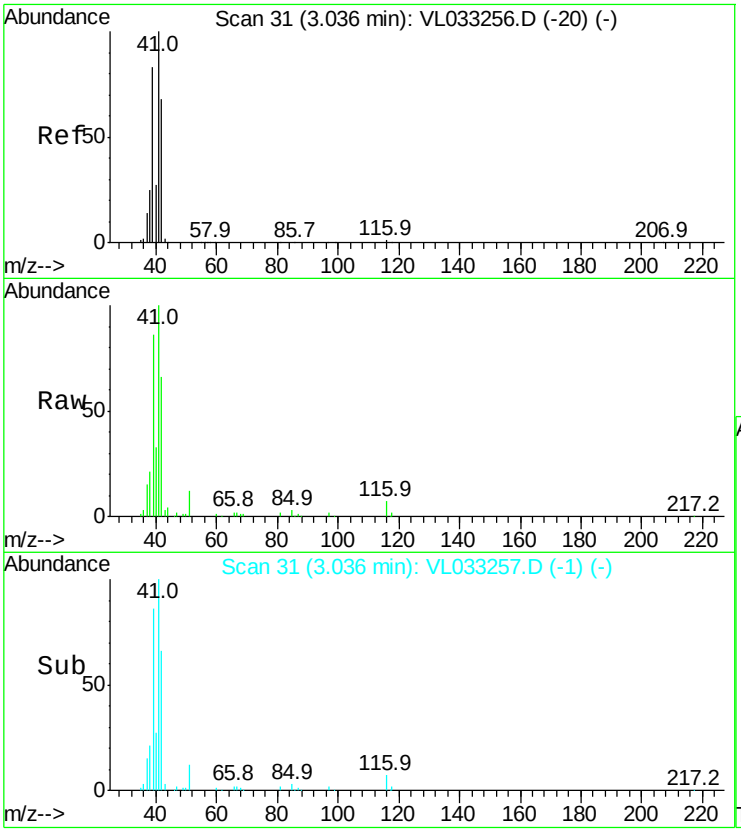


#8
Dichlorotetrafluoroethane
Concen: 2.247 ppbv
RT: 3.22 min Scan# 88
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 85 Resp: 305688

Ion	Ratio	Lower	Upper
85	100		
135	64.4	52.3	78.5



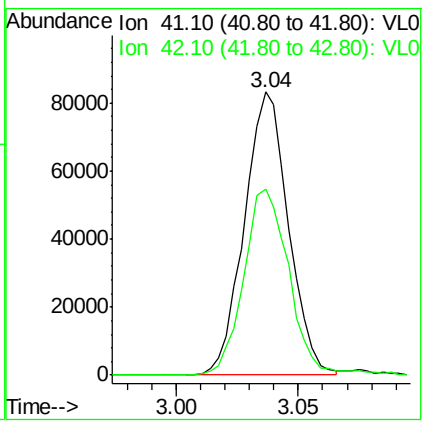


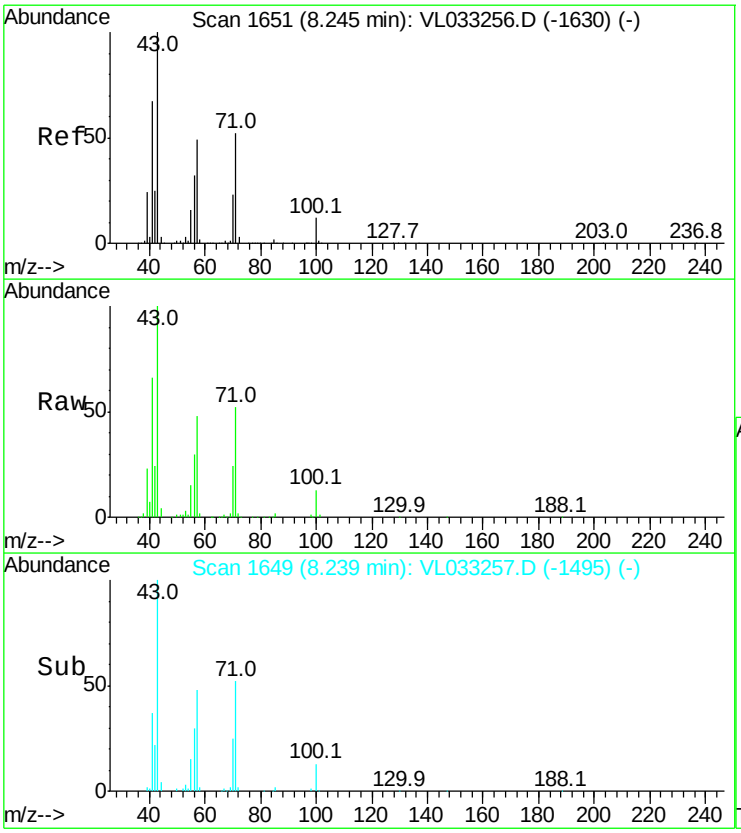
#9
Propene
Concen: 2.093 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 103977

Ion	Ratio	Lower	Upper
41	100		
42	67.7	55.2	82.8

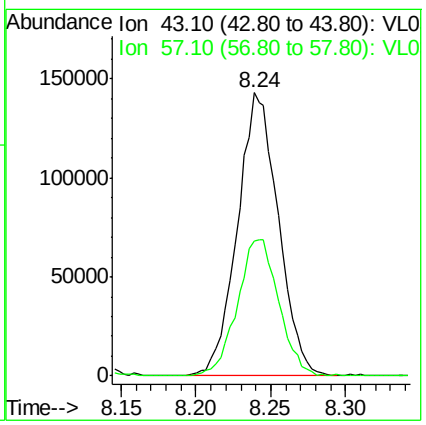


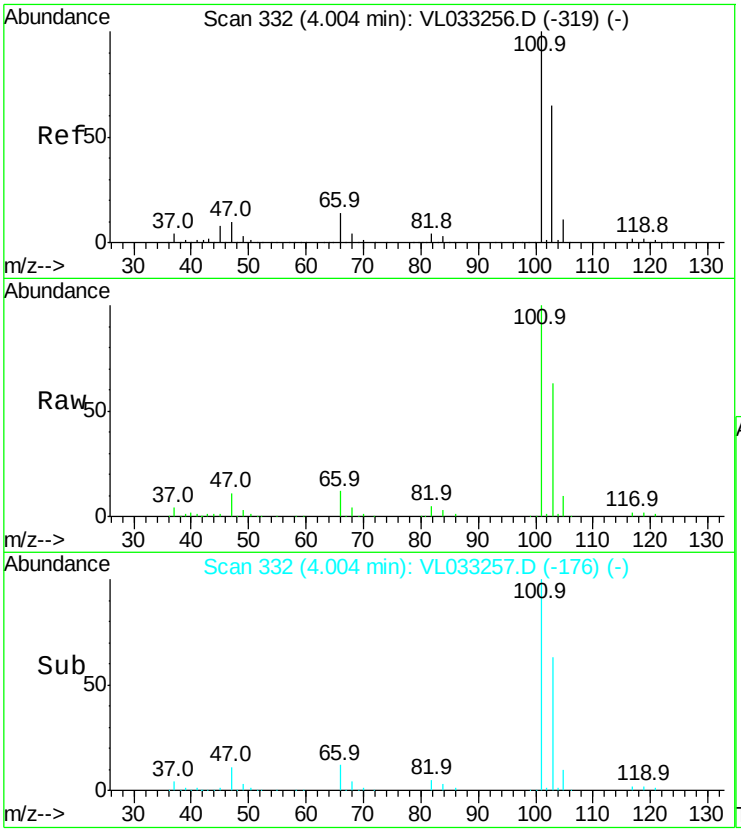


#10
Heptane
Concen: 2.011 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 43 Resp: 271864

Ion	Ratio	Lower	Upper
43	100		
57	49.0	40.0	60.0



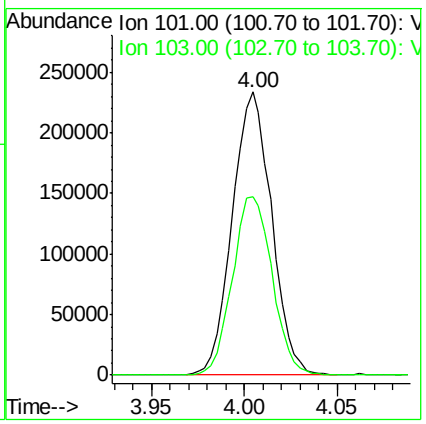


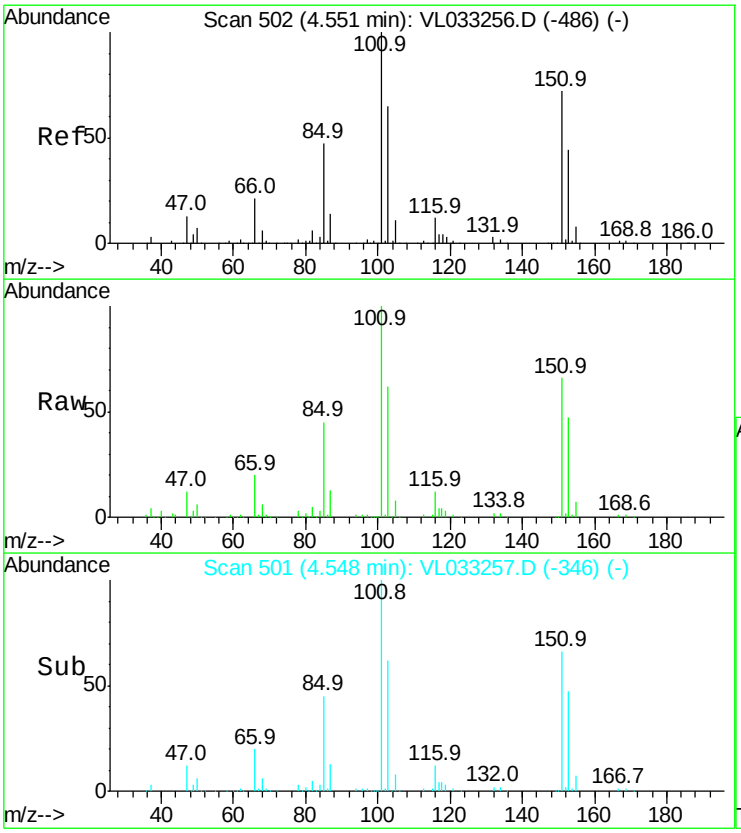
#11
Trichlorofluoromethane
Concen: 2.130 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 344076

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.9	77.9

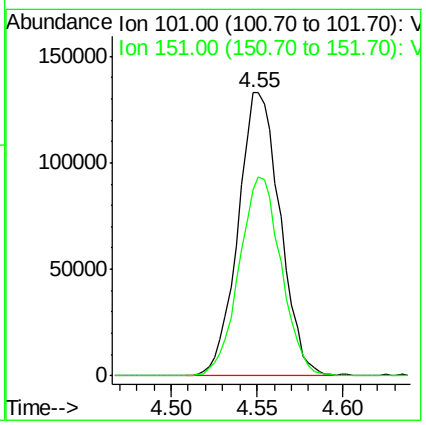


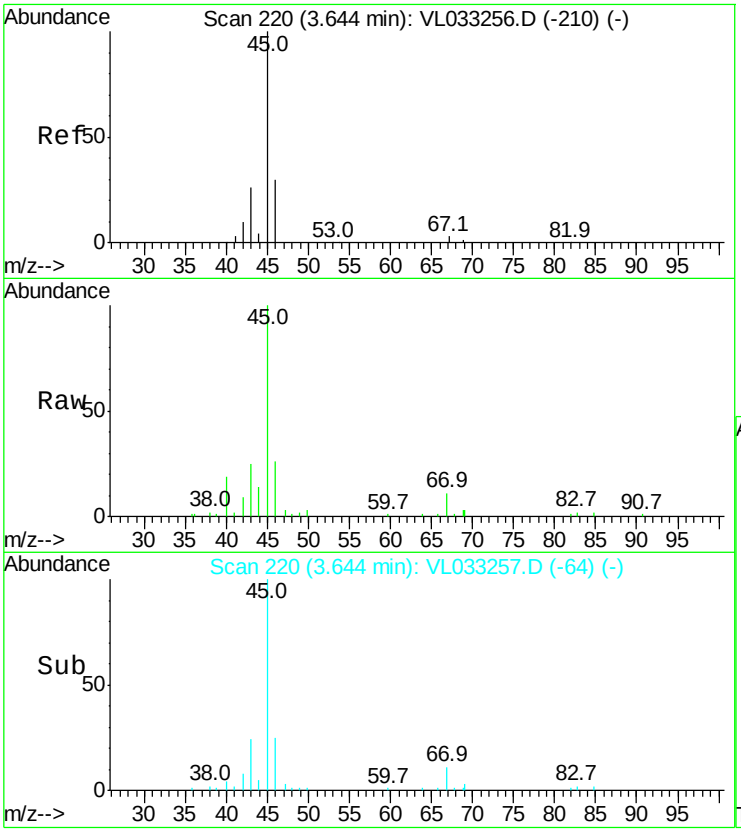


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.151 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:101 Resp: 225337

Ion	Ratio	Lower	Upper
101	100		
151	70.1	57.2	85.8



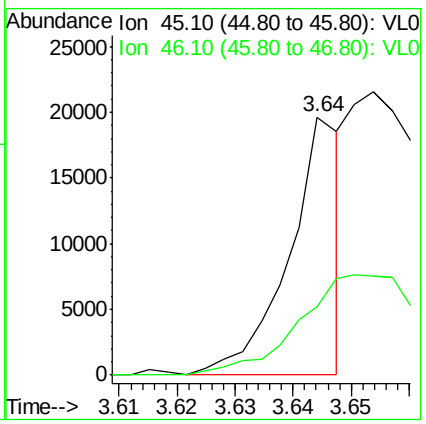


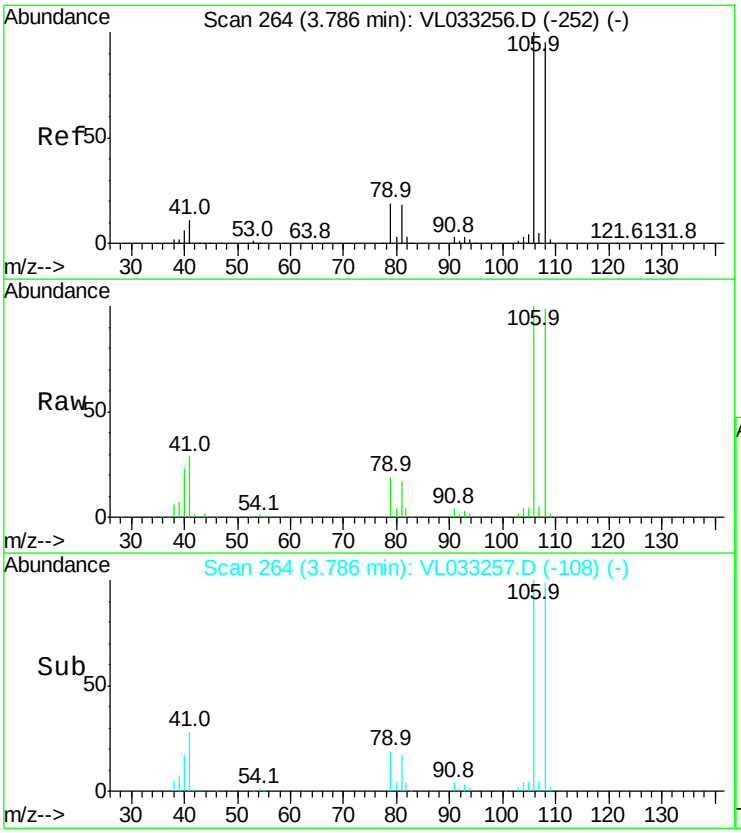
#13
Ethanol
Concen: 0.830 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 12326

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

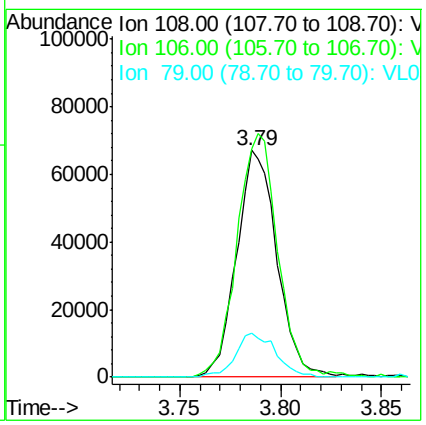


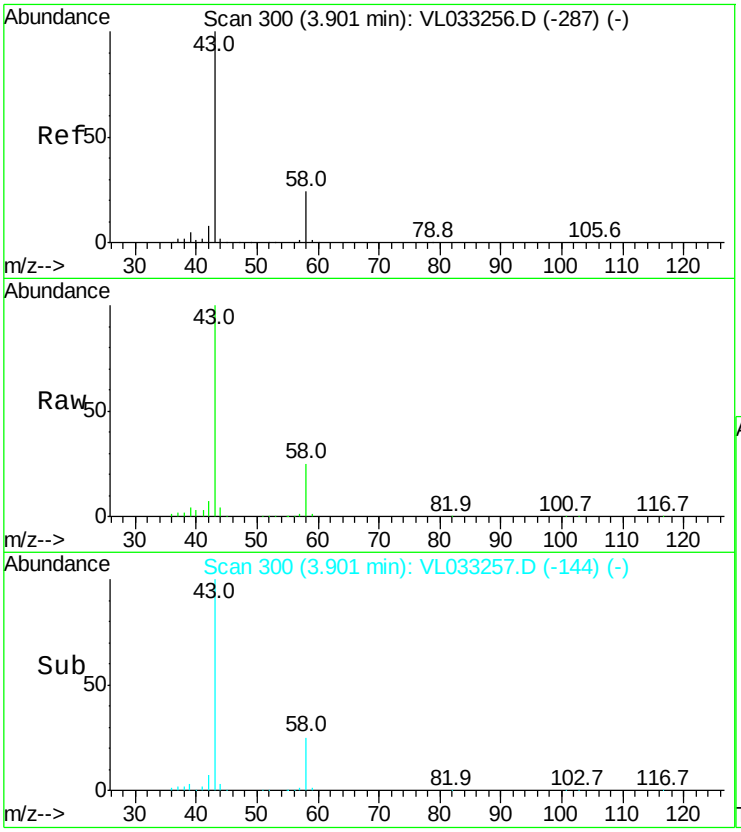


#14
Bromoethene
Concen: 2.132 ppbv
RT: 3.79 min Scan# 264
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:108 Resp: 94067

Ion	Ratio	Lower	Upper
108	100		
106	109.2	86.9	130.3
79	19.7	15.8	23.6



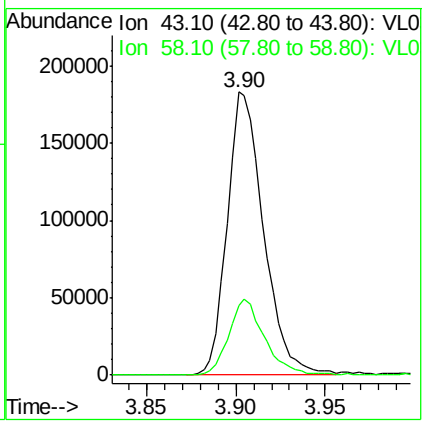


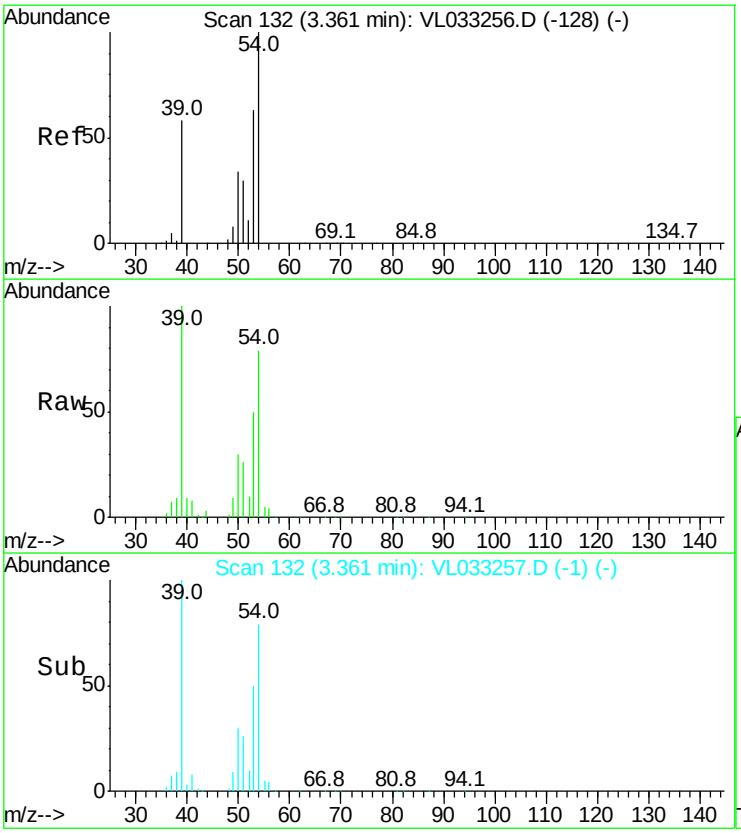
#15
Acetone
Concen: 2.059 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 258148

Ion	Ratio	Lower	Upper
43	100		
58	26.8	20.2	30.2

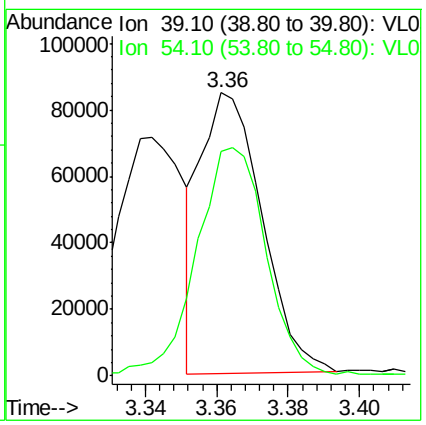


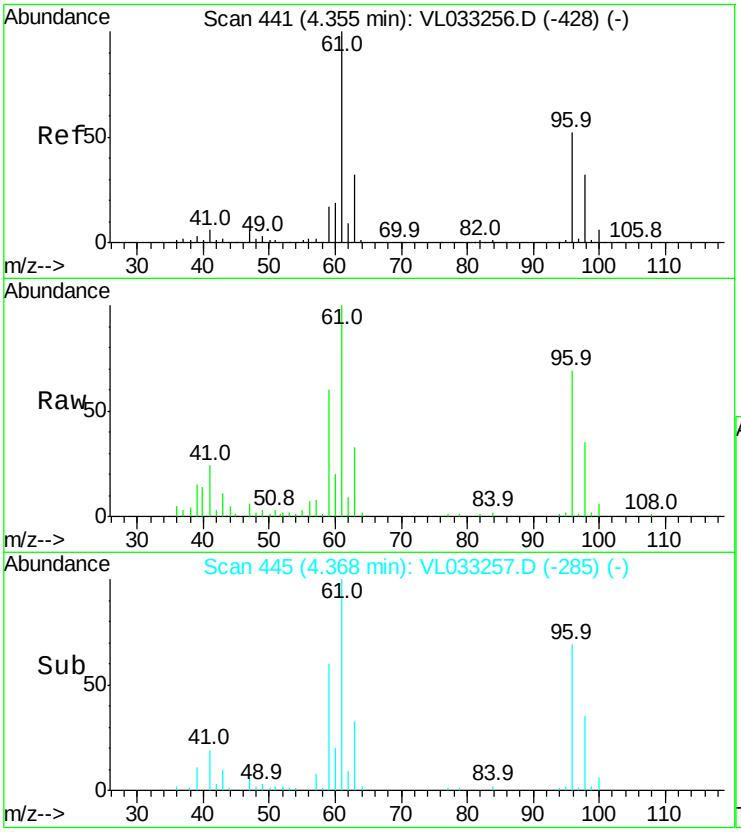


#16
1,3-Butadiene
Concen: 2.009 ppbv
RT: 3.36 min Scan# 132
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 39 Resp: 100538

Ion	Ratio	Lower	Upper
39	100		
54	93.8	68.6	103.0



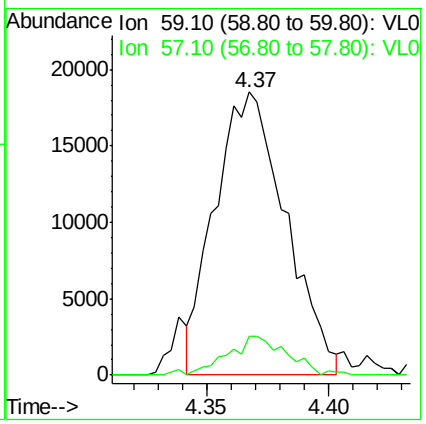


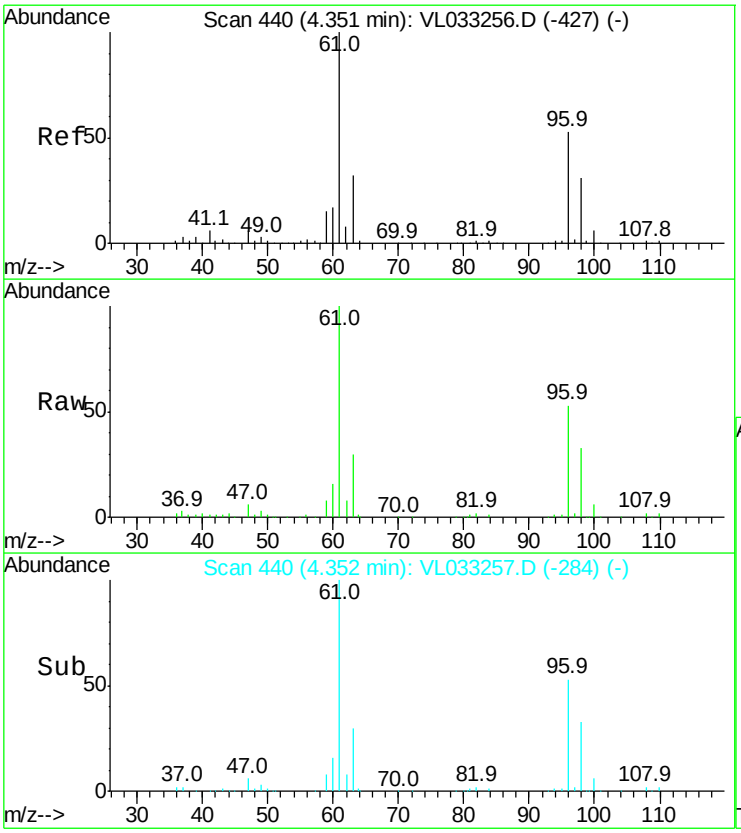
#17
tert-Butyl alcohol
Concen: 1.827 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 37323

Ion	Ratio	Lower	Upper
59	100		
57	11.9	7.2	10.8#

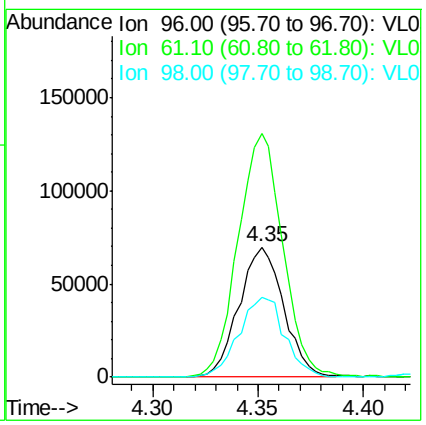


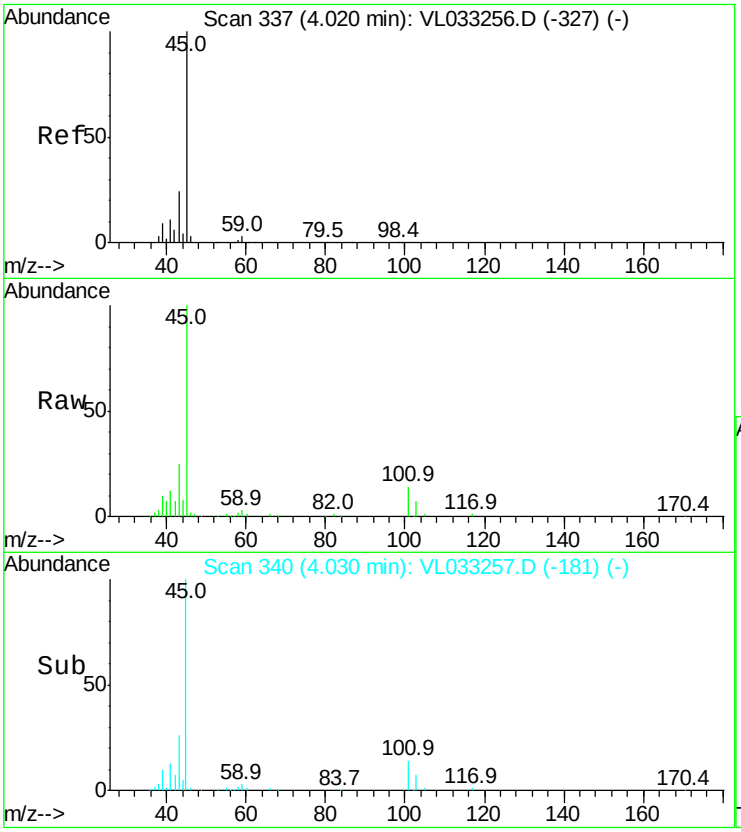


#18
1,1-Dichloroethene
Concen: 2.201 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 96 Resp: 102635

Ion	Ratio	Lower	Upper
96	100		
61	187.0	150.6	226.0
98	62.0	47.0	70.4



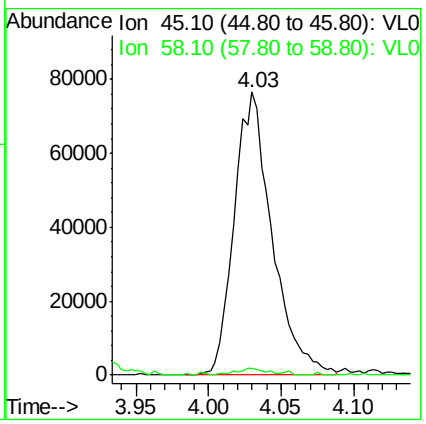


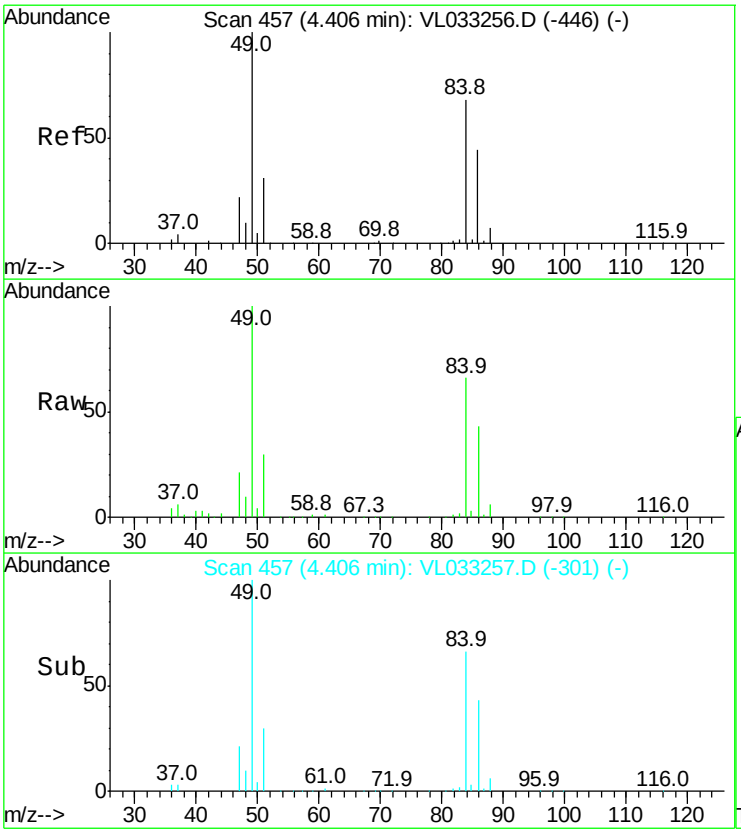
#19
Isopropyl Alcohol
Concen: 1.862 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 138738

Ion	Ratio	Lower	Upper
45	100		
58	2.5	1.5	2.3#

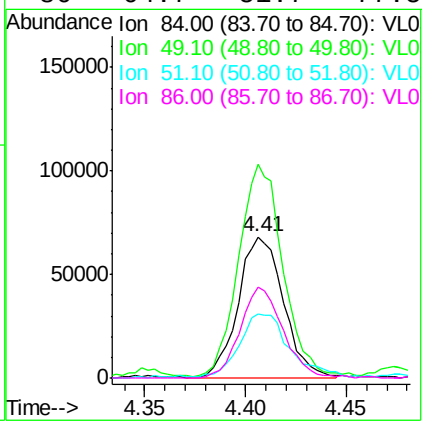


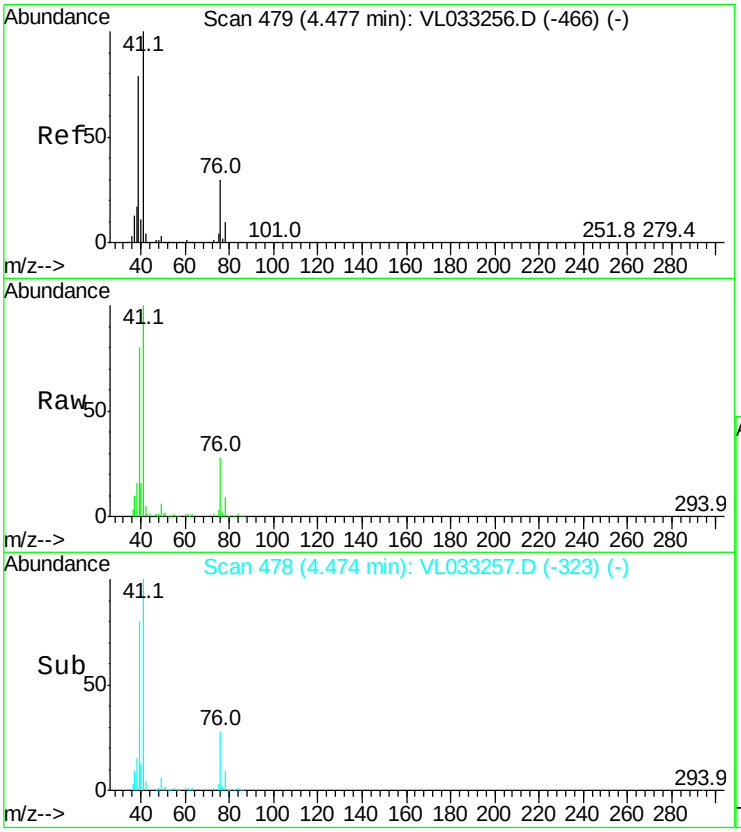


#20
Methylene Chloride
Concen: 2.241 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 84 Resp: 106479

Ion	Ratio	Lower	Upper
84	100		
49	149.8	117.8	176.6
51	44.8	36.9	55.3
86	64.7	51.7	77.5



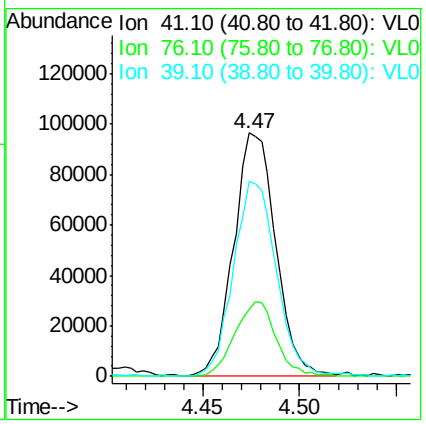


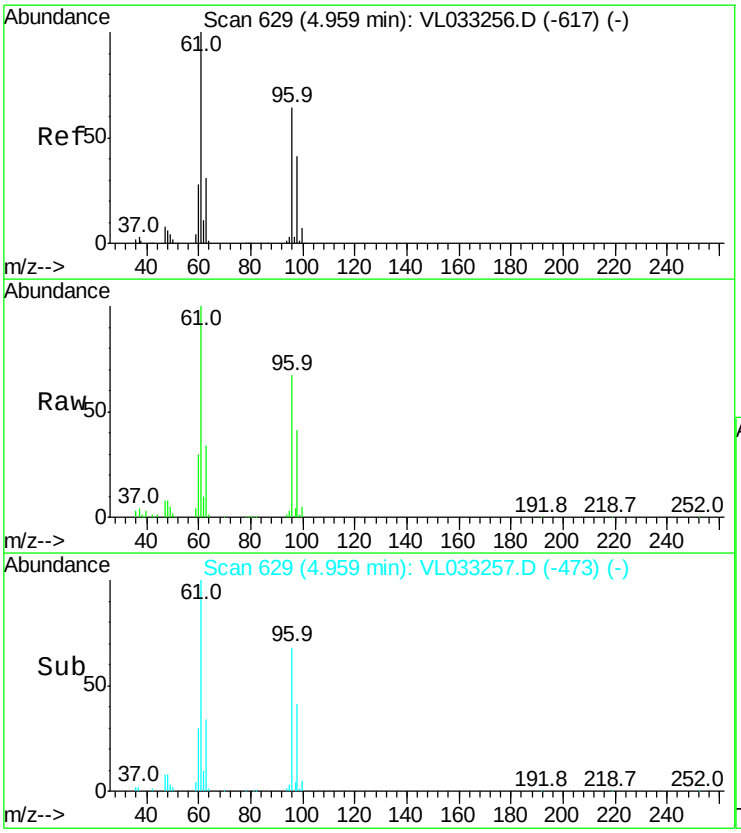
#21
Allyl Chloride
Concen: 2.096 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 146633

Ion	Ratio	Lower	Upper
41	100		
76	30.1	24.5	36.7
39	82.5	65.3	97.9

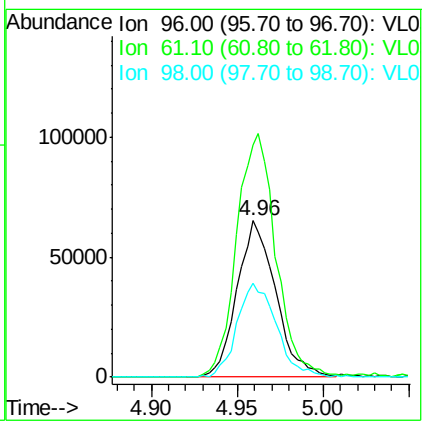


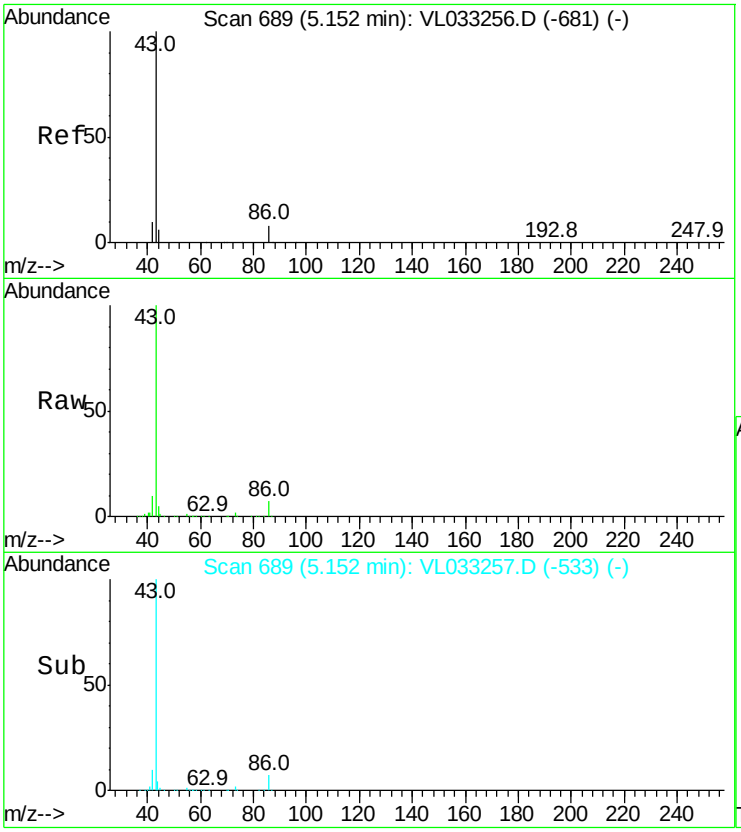


#22
trans-1,2-Dichloroethene
Concen: 2.143 ppbv
RT: 4.96 min Scan# 629
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 96 Resp: 102025

Ion	Ratio	Lower	Upper
96	100		
61	148.3	125.7	188.5
98	60.5	52.1	78.1



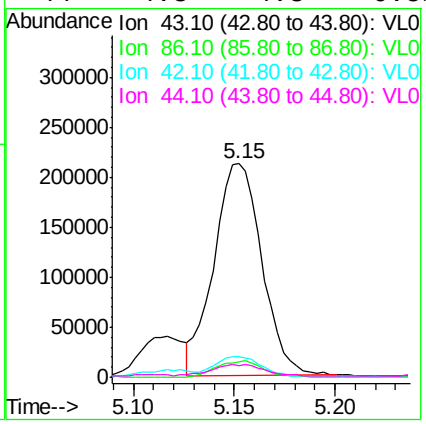


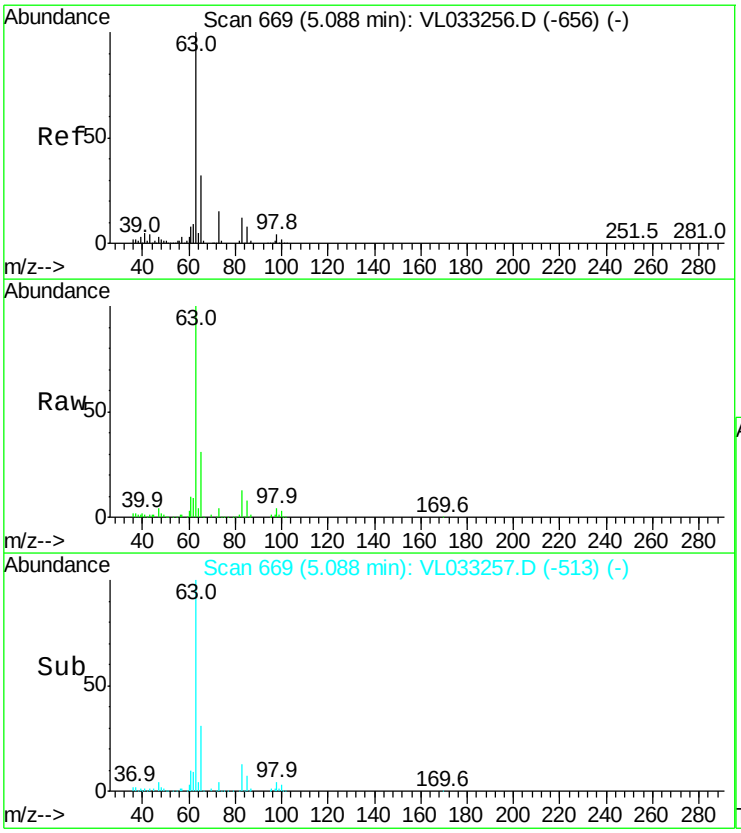
#23
Vinyl Acetate
Concen: 1.908 ppbv
RT: 5.15 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 352813

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.6	8.4
42	9.5	8.1	12.1
44	4.3	4.3	6.5#

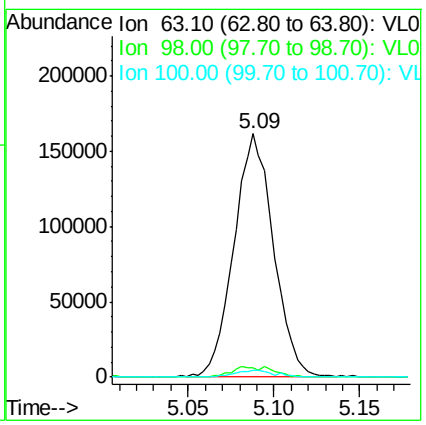


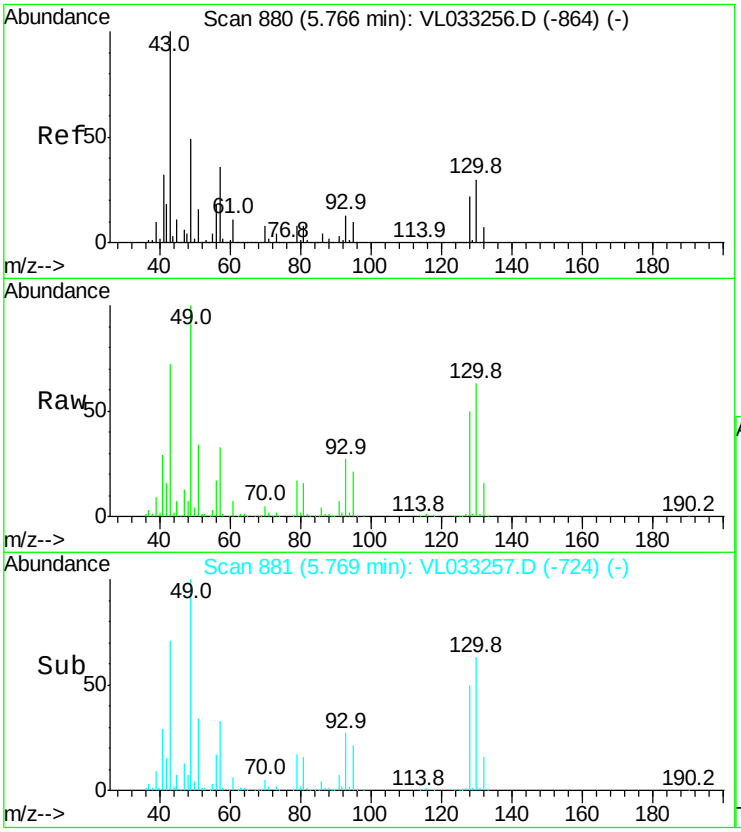


#24
1,1-Dichloroethane
Concen: 1.940 ppbv
RT: 5.09 min Scan# 669
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 63 Resp: 255789

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.1	6.2
100	3.0	1.3	3.8



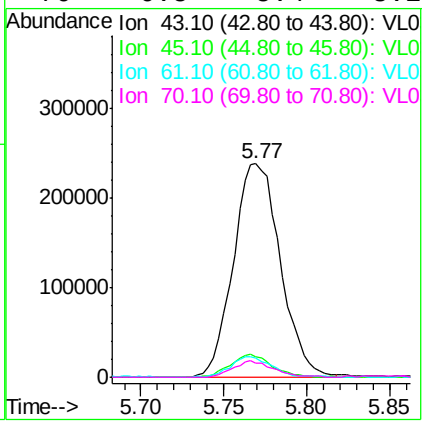


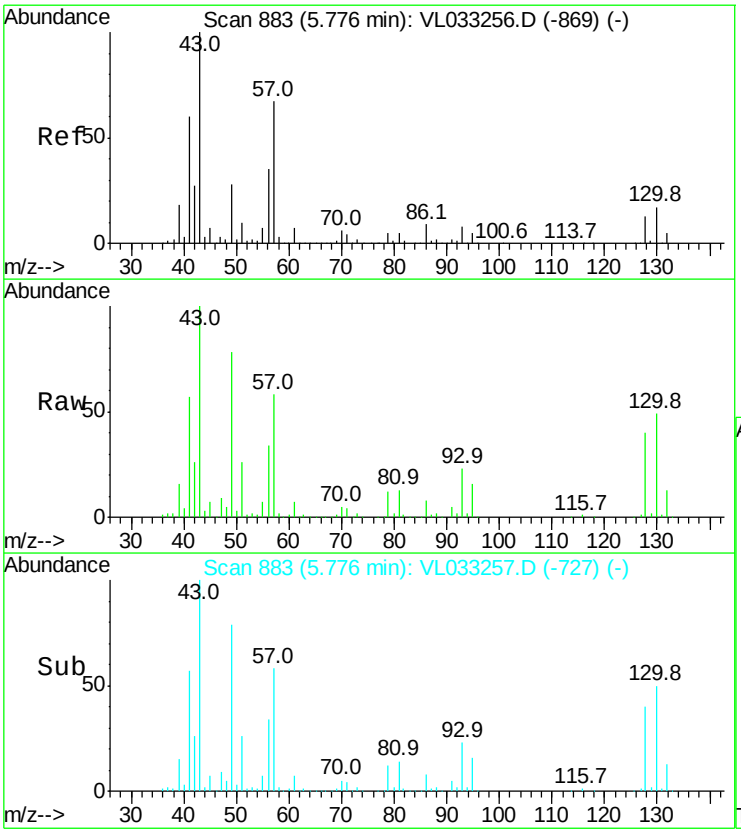
#25
Ethyl Acetate
Concen: 2.040 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 468900

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.8
61	8.3	7.4	11.0
70	6.5	5.4	8.2

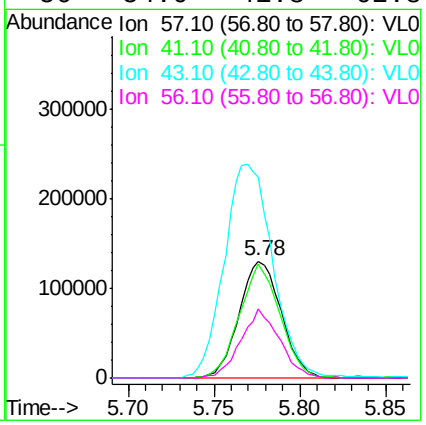


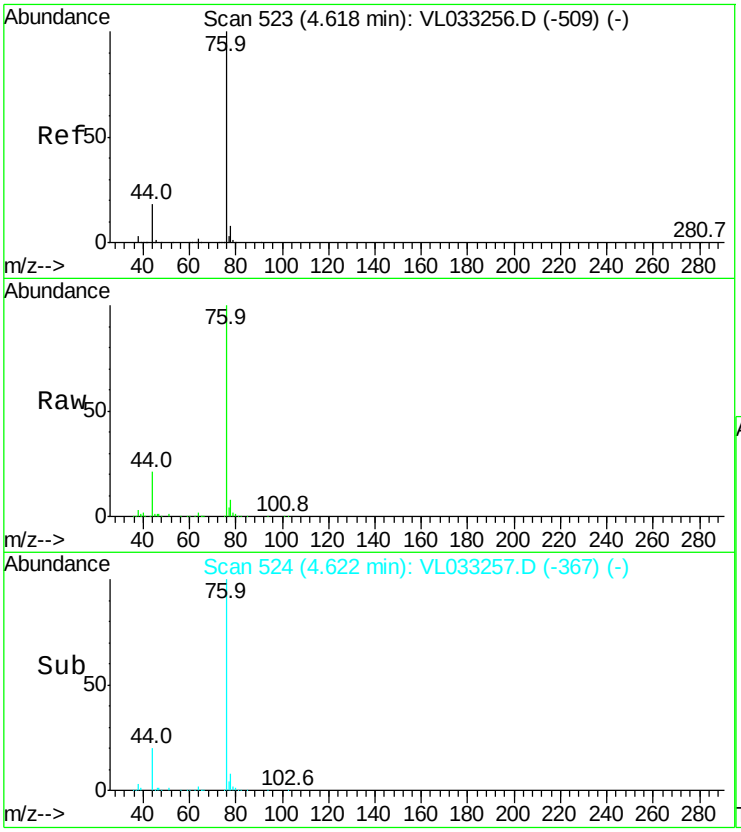


#26
Hexane
Concen: 2.069 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 57 Resp: 222211

Ion	Ratio	Lower	Upper
57	100		
41	94.1	72.2	108.4
43	213.2	179.0	268.4
56	54.0	41.8	62.8



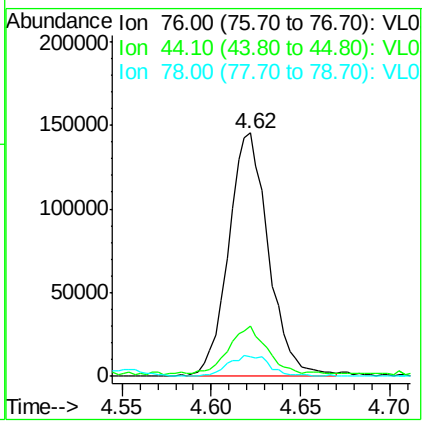


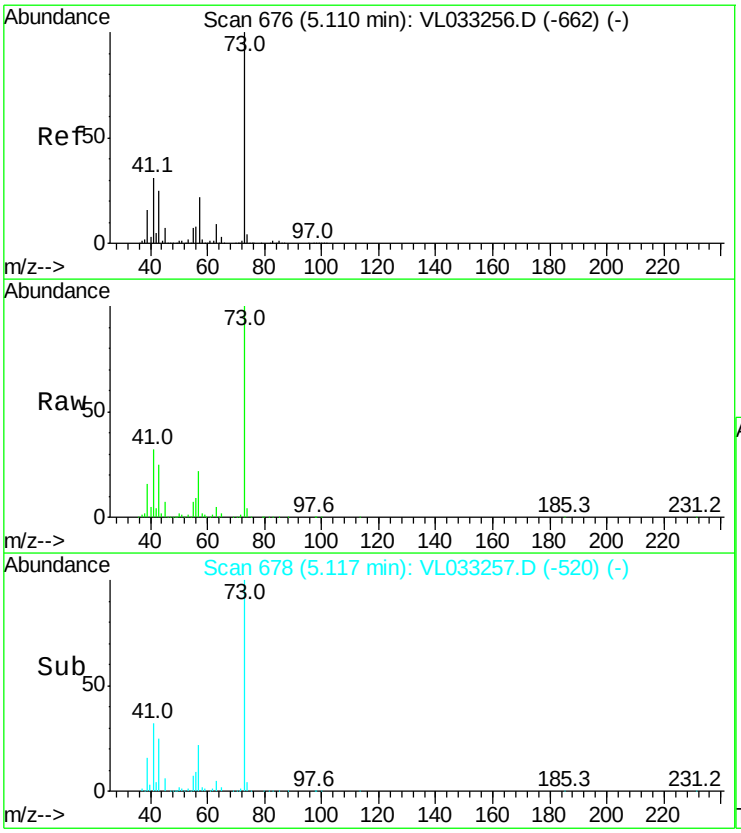
#27
Carbon Disulfide
Concen: 2.174 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 225170

Ion	Ratio	Lower	Upper
76	100		
44	19.9	14.8	22.2
78	9.5	7.2	10.8

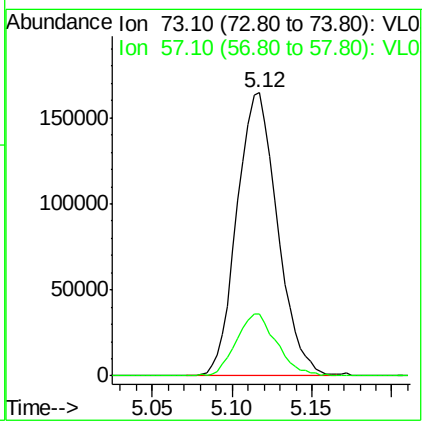


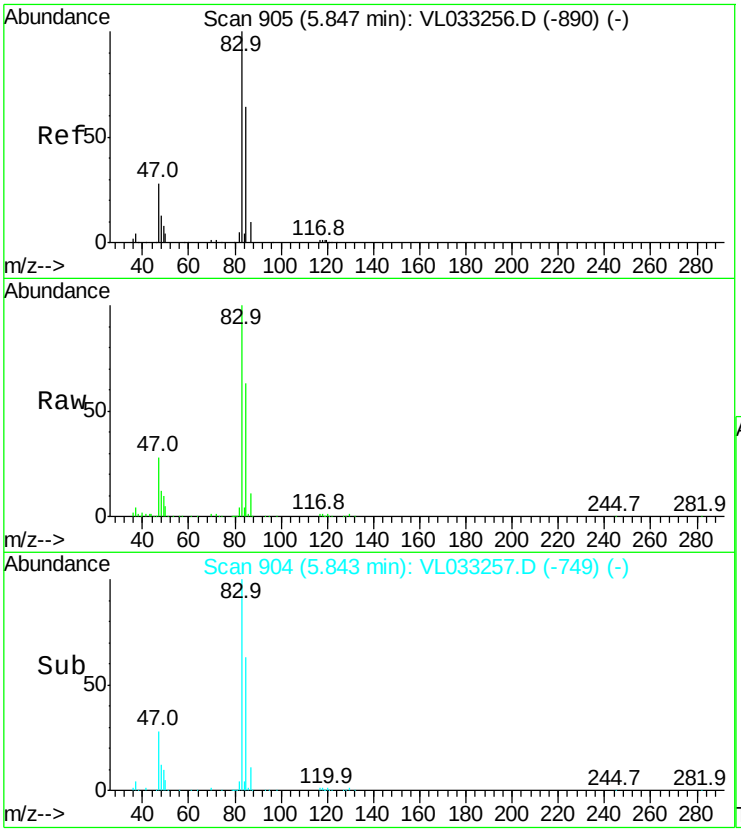


#28
Methyl tert-Butyl Ether
Concen: 1.922 ppbv
RT: 5.12 min Scan# 678
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 73 Resp: 284702

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5



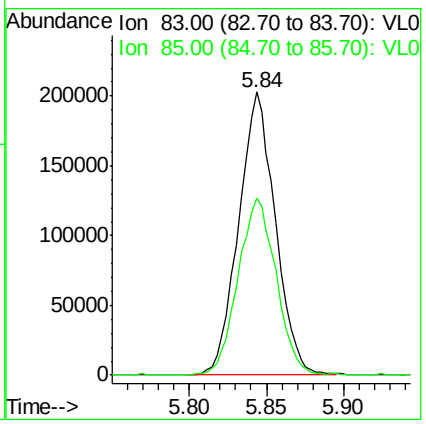


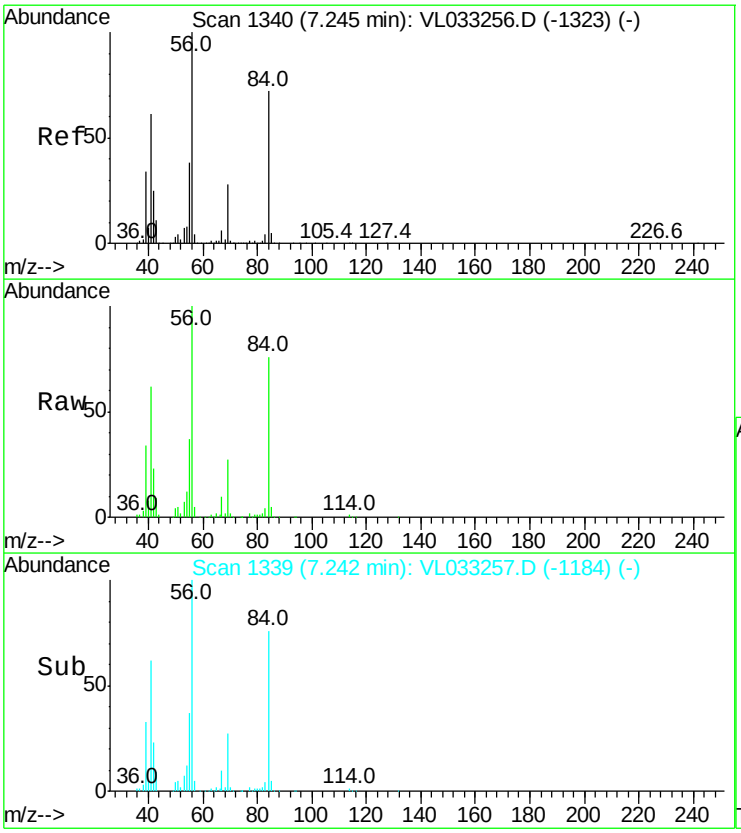
#29
Chloroform
Concen: 2.000 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 334144

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.0	76.6

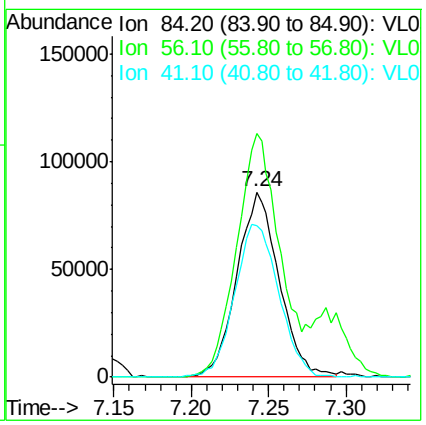


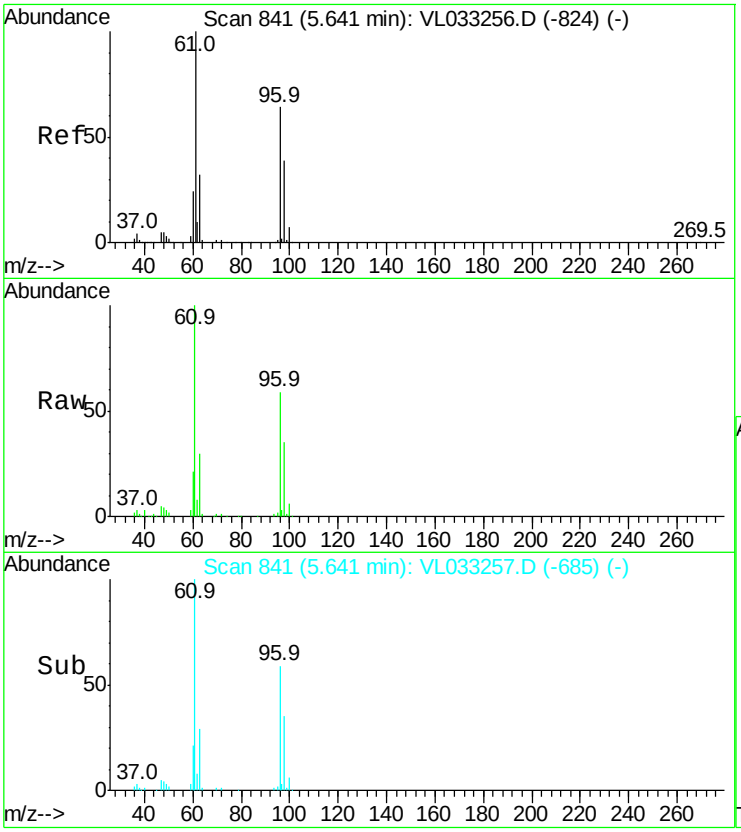


#30
Cyclohexane
Concen: 2.024 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 84 Resp: 162794

Ion	Ratio	Lower	Upper
84	100		
56	164.1	113.4	170.2
41	87.0	70.2	105.4



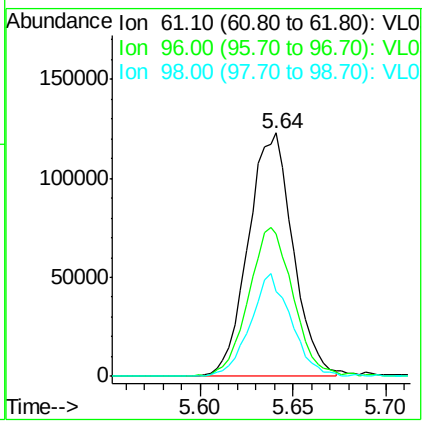


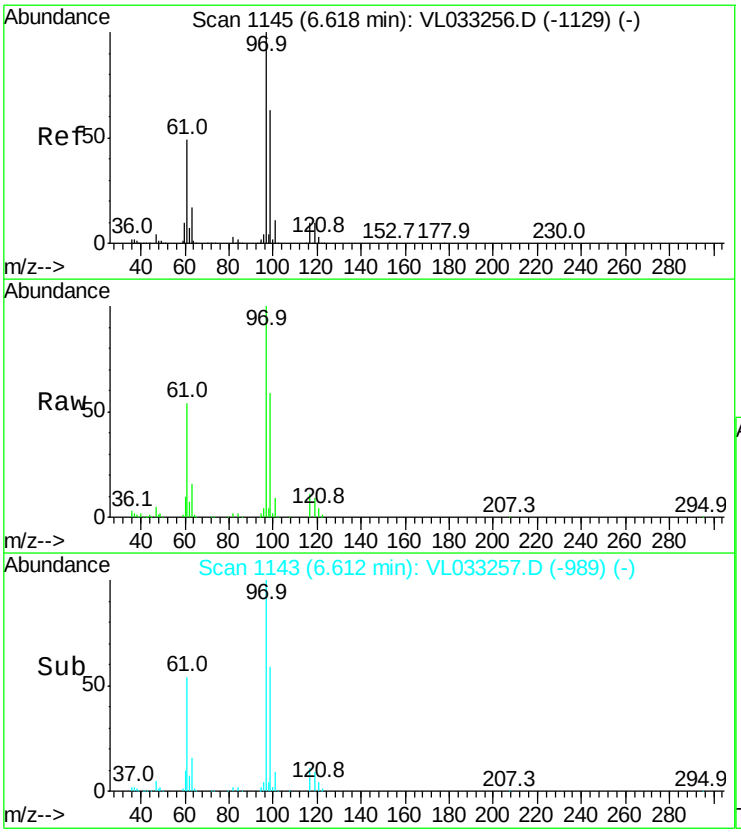
#31
cis-1,2-Dichloroethene
Concen: 1.987 ppbv
RT: 5.64 min Scan# 841
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 206152

Ion	Ratio	Lower	Upper
61	100		
96	58.5	51.2	76.8
98	34.8	30.8	46.2

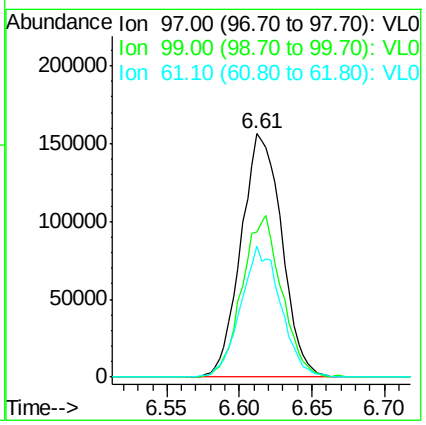


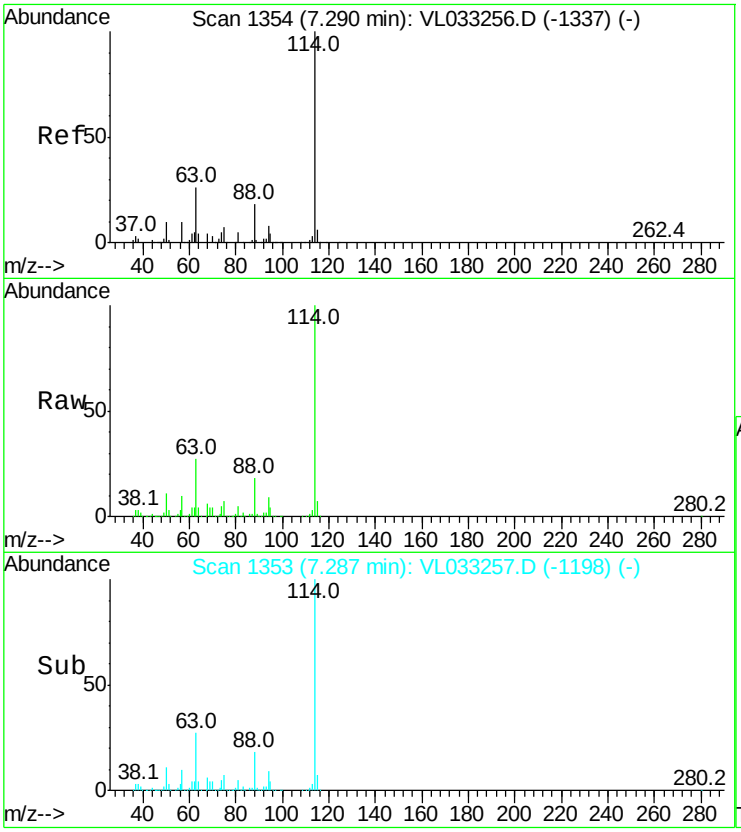


#32
1,1,1-Trichloroethane
Concen: 1.888 ppbv
RT: 6.61 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 97 Resp: 306036

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	52.5	40.8	61.2



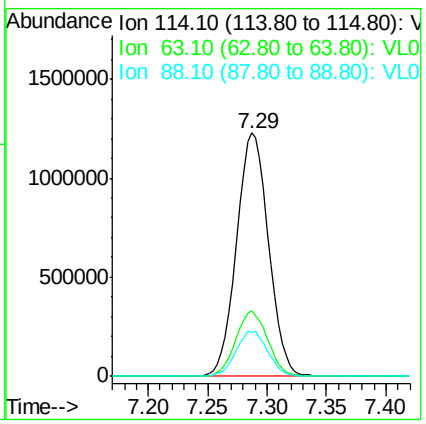


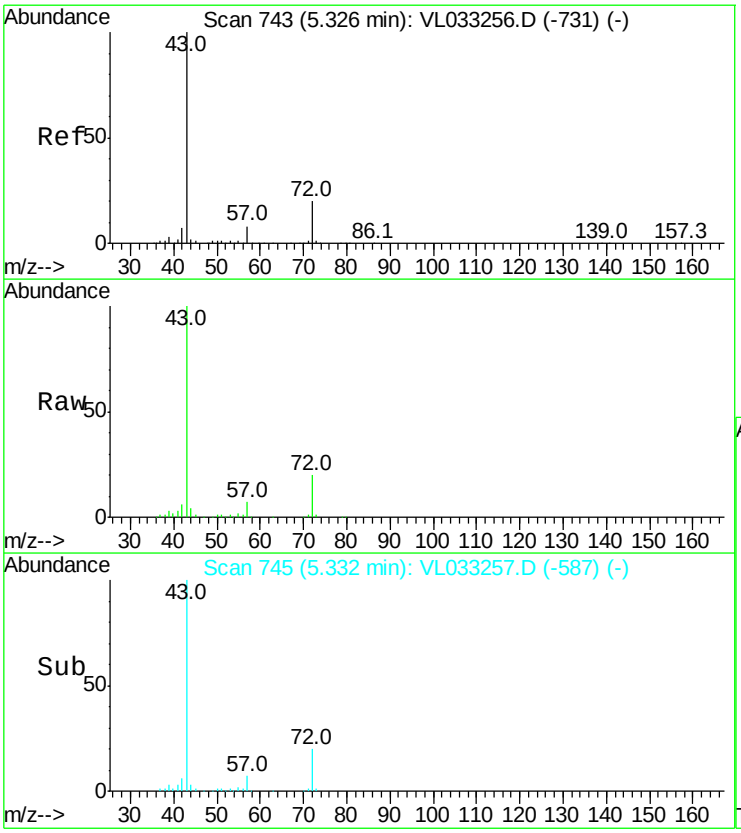
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2288512

Ion	Ratio	Lower	Upper
114	100		
63	27.0	22.2	33.2
88	18.5	14.6	22.0

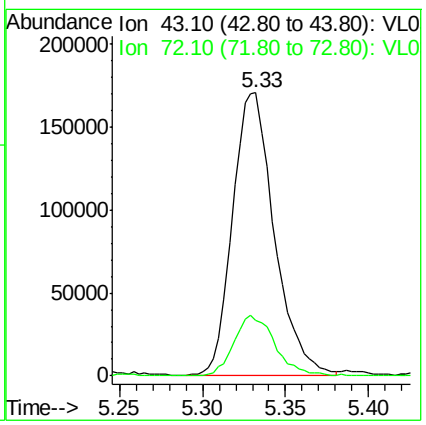


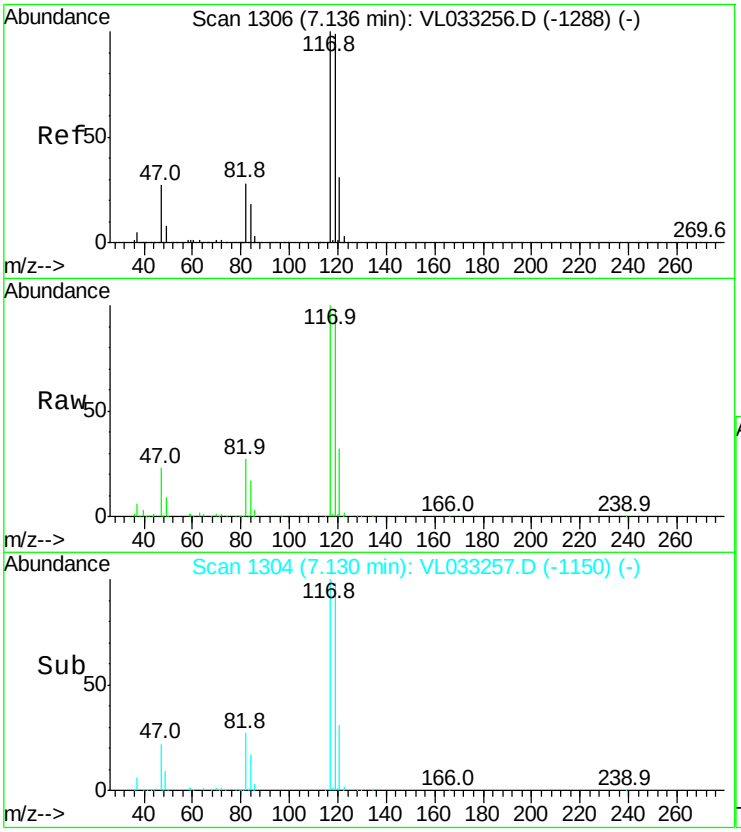


#34
2-Butanone
Concen: 1.884 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 43 Resp: 298711

Ion	Ratio	Lower	Upper
43	100		
72	21.4	16.9	25.3



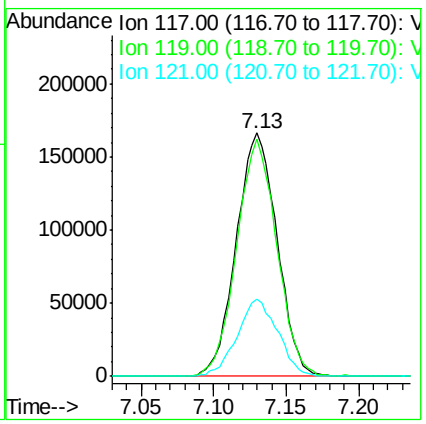


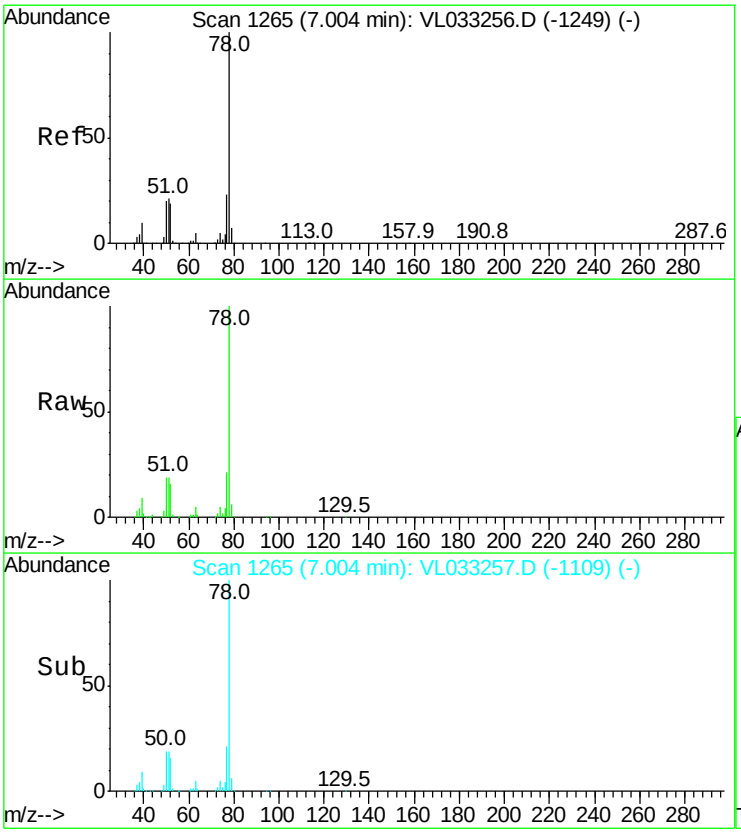
#35
Carbon Tetrachloride
Concen: 1.879 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 325328

Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.0	118.6
121	31.7	24.7	37.1

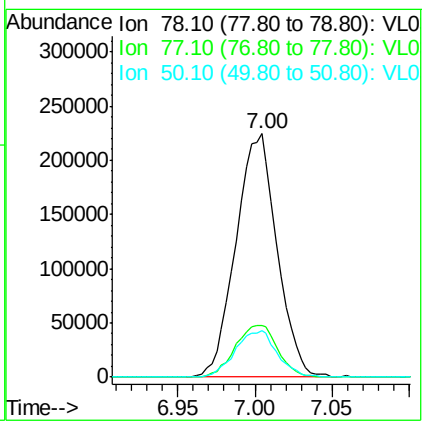


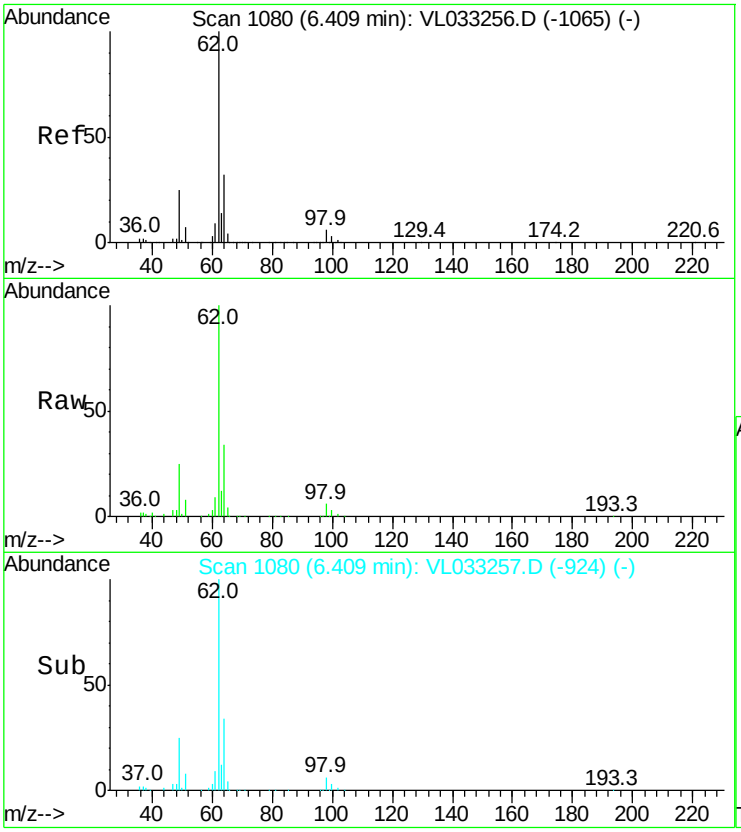


#36
Benzene
Concen: 1.925 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 78 Resp: 413413

Ion	Ratio	Lower	Upper
78	100		
77	21.1	18.2	27.2
50	18.8	16.2	24.2



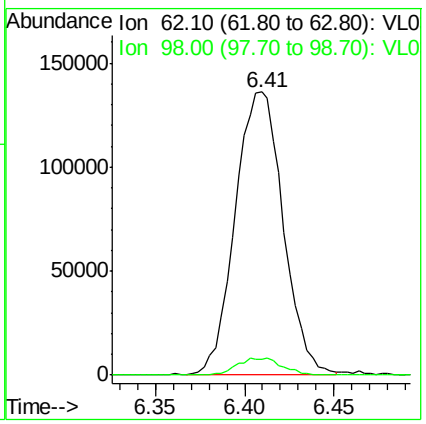


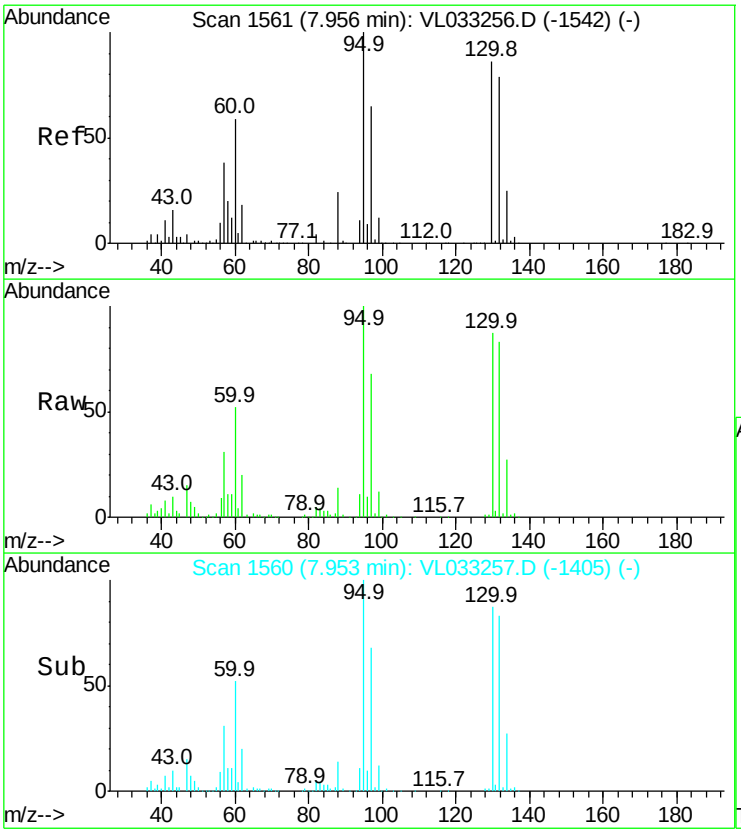
#37
1,2-Dichloroethane
Concen: 1.910 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 255306

Ion	Ratio	Lower	Upper
62	100		
98	5.7	4.5	6.7

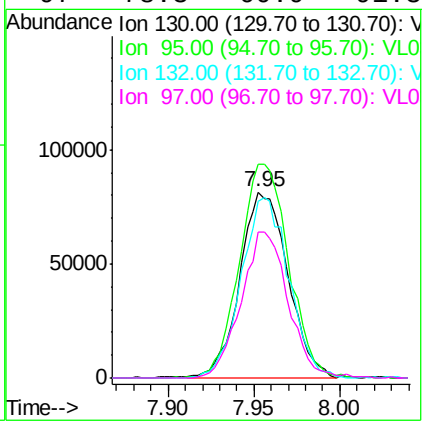


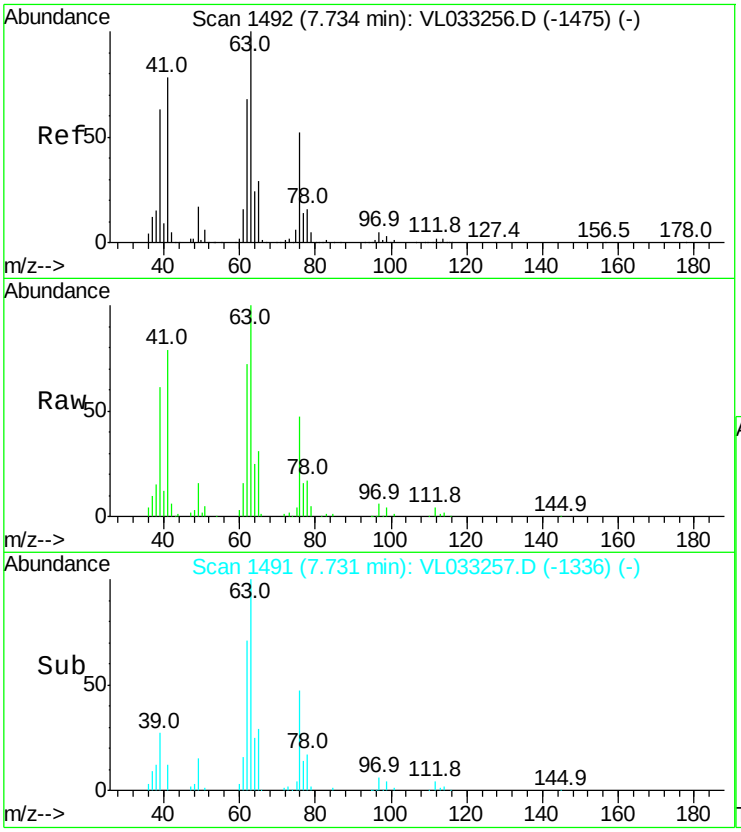


#38
Trichloroethene
Concen: 1.948 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:130 Resp: 158043

Ion	Ratio	Lower	Upper
130	100		
95	114.5	93.4	140.0
132	95.1	74.0	111.0
97	78.3	60.9	91.3



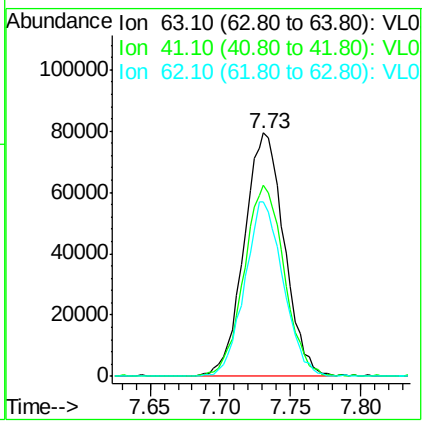


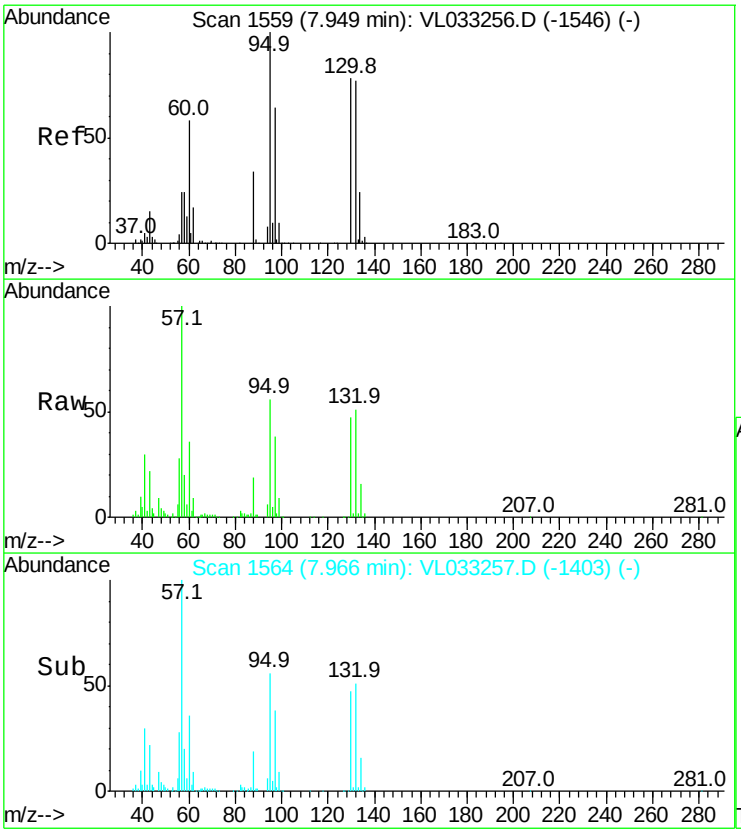
#39
1,2-Dichloropropane
Concen: 1.885 ppbv
RT: 7.73 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 158036

Ion	Ratio	Lower	Upper
63	100		
41	78.6	62.6	94.0
62	71.9	54.6	81.8

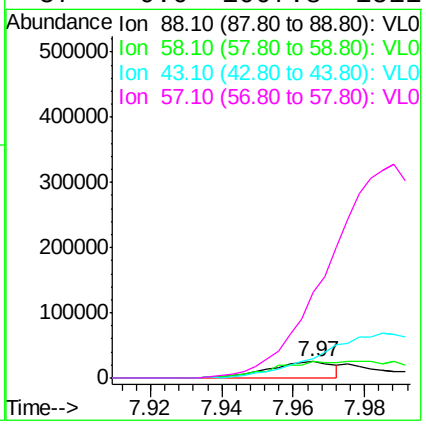


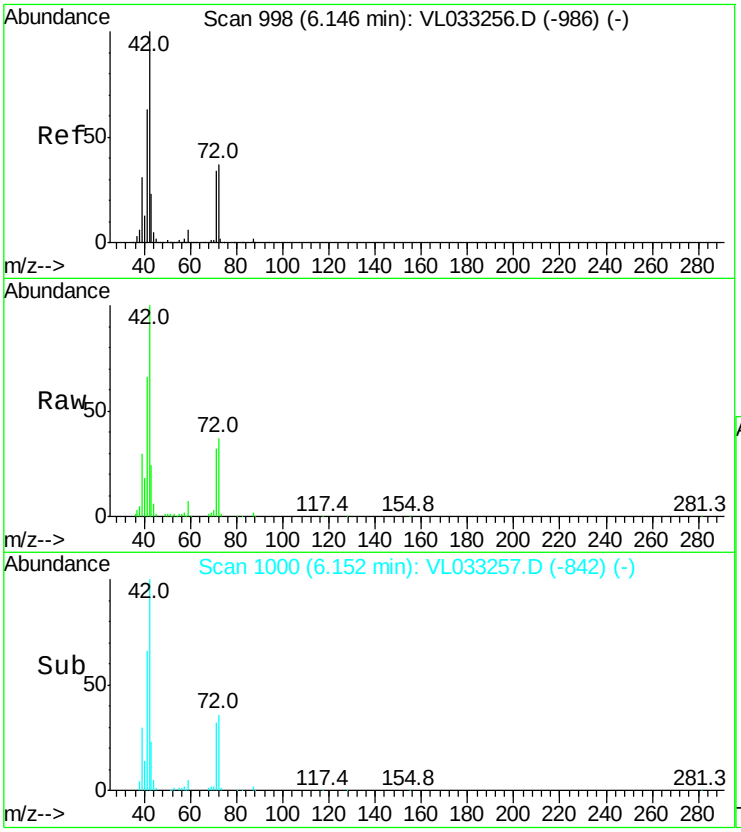


#40
1,4-Dioxane
Concen: 1.004 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 88 Resp: 31250

Ion	Ratio	Lower	Upper
88	100		
58	248.5	108.4	162.6#
43	0.0	232.3	348.5#
57	0.0	1007.8	1511.8#



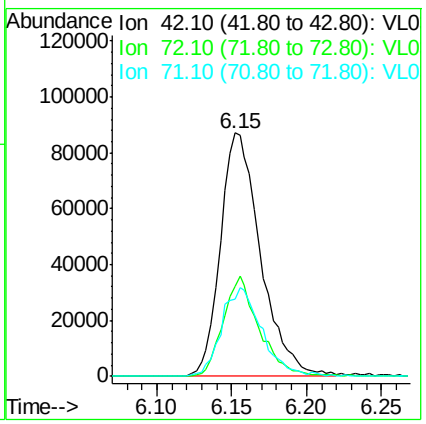


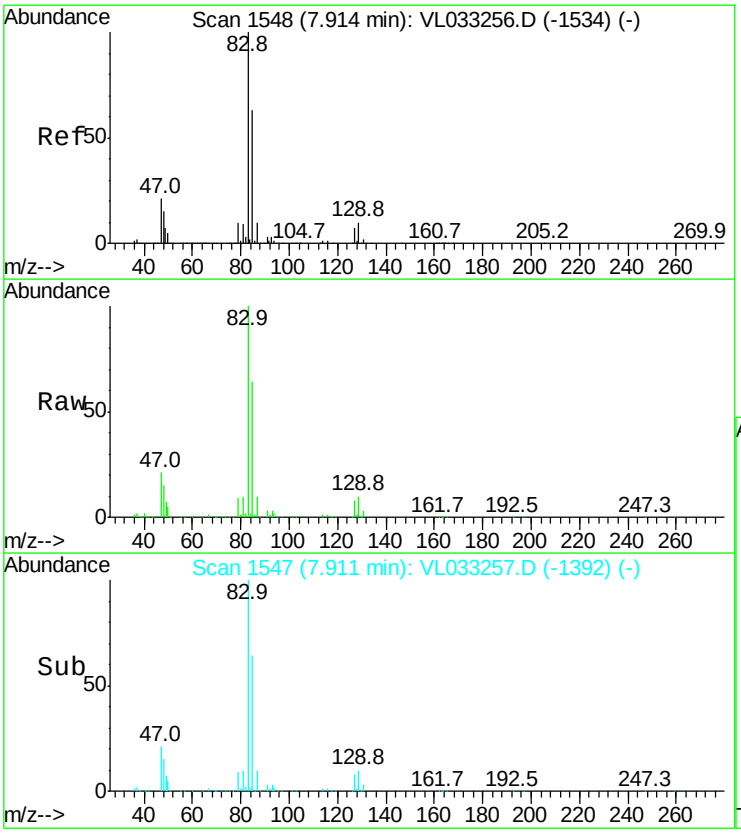
#41
Tetrahydrofuran
Concen: 1.864 ppbv
RT: 6.15 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 162398

Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.2	45.2
71	36.7	29.0	43.6

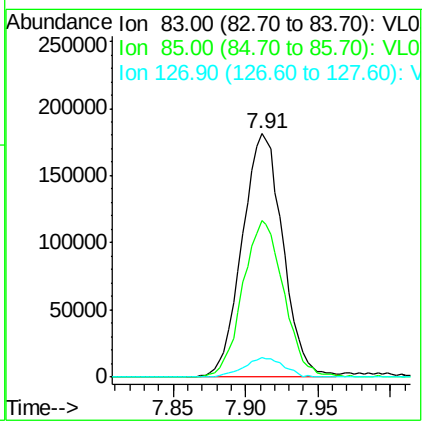


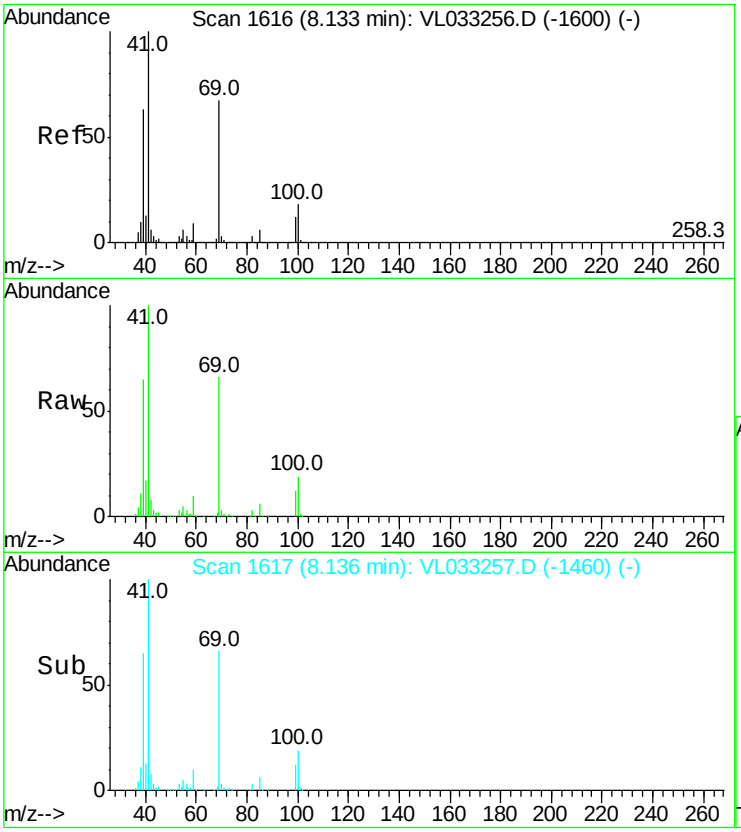


#42
Bromodichloromethane
Concen: 1.874 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 83 Resp: 354249

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1
127	8.3	5.9	8.9



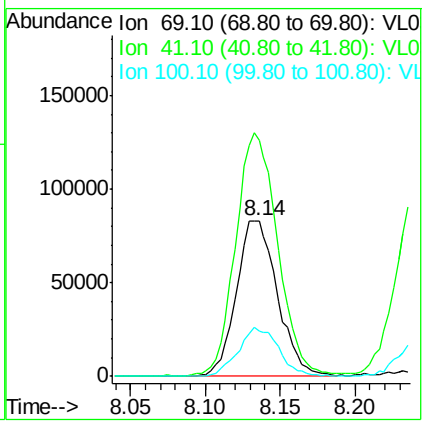


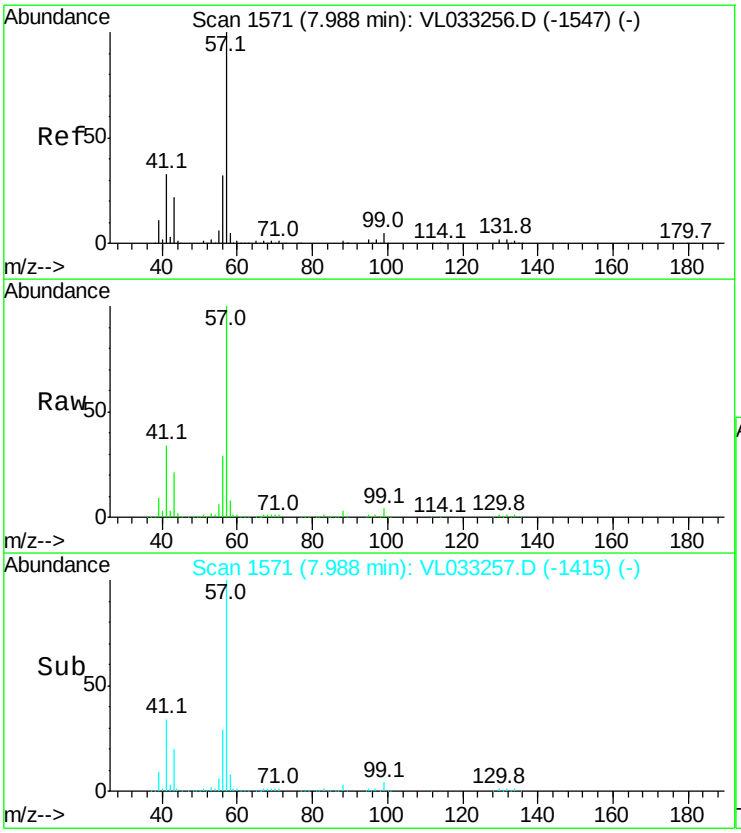
#43
Methyl Methacrylate
Concen: 1.830 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 159016

Ion	Ratio	Lower	Upper
69	100		
41	160.7	120.3	180.5
100	31.0	23.5	35.3

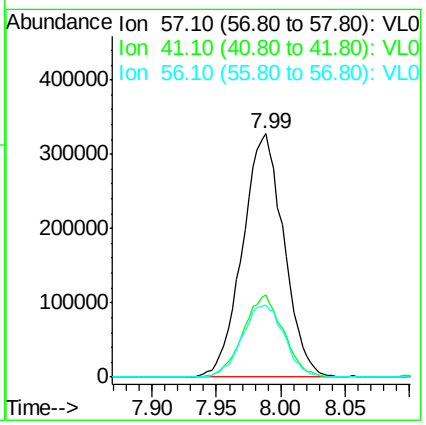


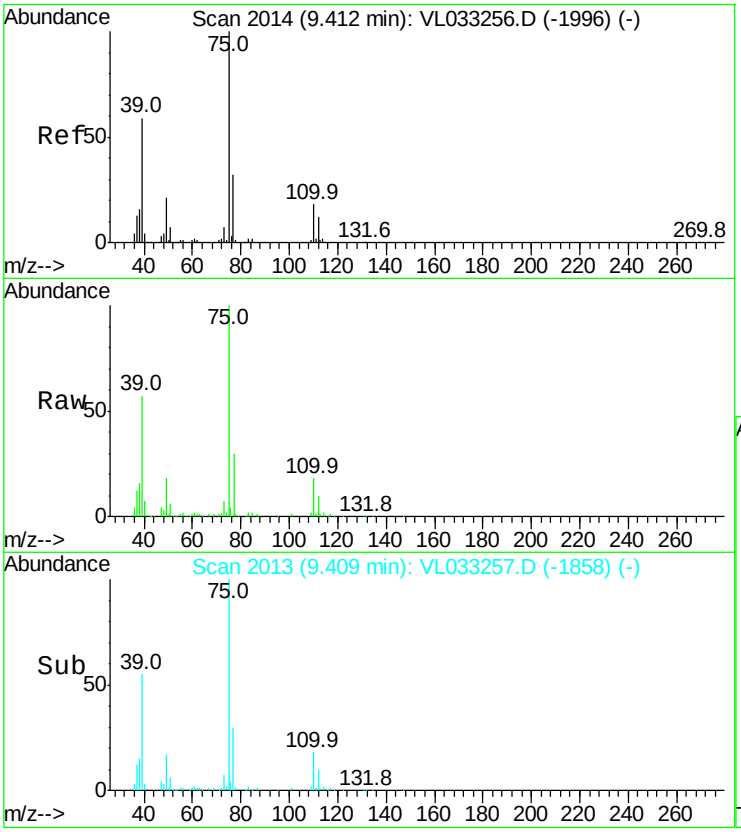


#44
2,2,4-Trimethylpentane
Concen: 1.929 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 57 Resp: 732861

Ion	Ratio	Lower	Upper
57	100		
41	33.0	26.4	39.6
56	30.3	25.1	37.7



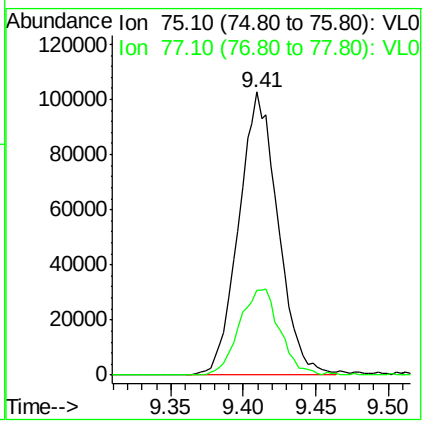


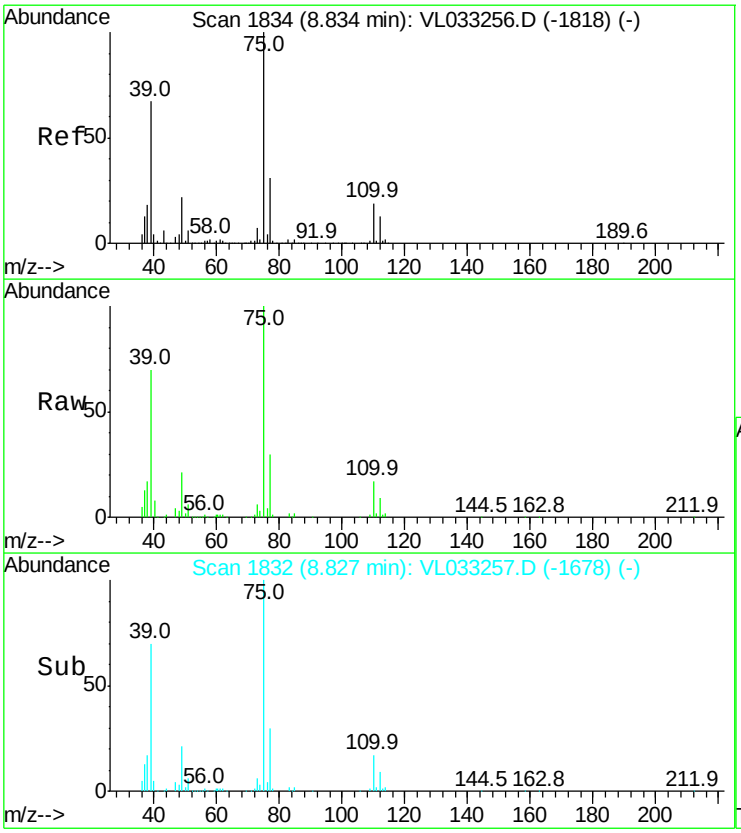
#45
t-1,3-Dichloropropene
Concen: 1.828 ppbv
RT: 9.41 min Scan# 2013
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 192236

Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.4	38.0

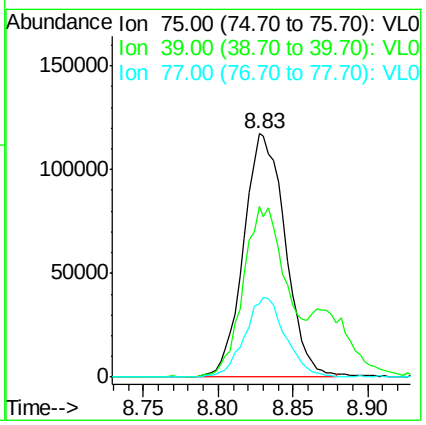


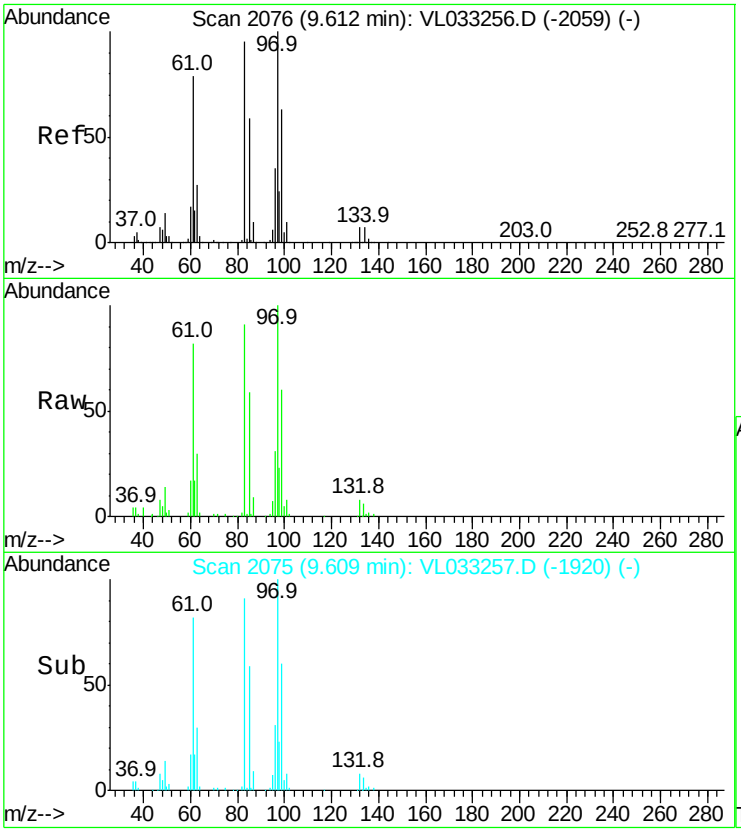


#46
cis-1,3-Dichloropropene
Concen: 1.813 ppbv
RT: 8.83 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 75 Resp: 227349

Ion	Ratio	Lower	Upper
75	100		
39	69.8	53.8	80.6
77	30.3	25.0	37.6



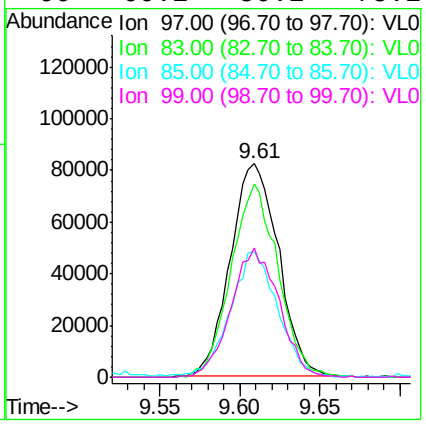


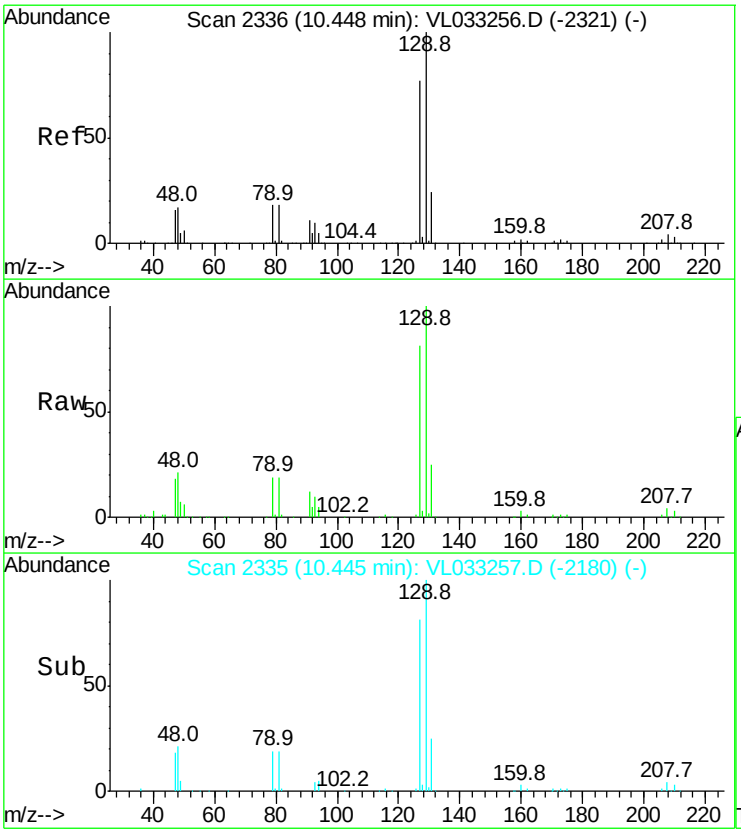
#47
1,1,2-Trichloroethane
Concen: 1.871 ppbv
RT: 9.61 min Scan# 2075
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 97 Resp: 168873

Ion	Ratio	Lower	Upper
97	100		
83	90.7	75.8	113.8
85	59.0	47.5	71.3
99	60.2	50.2	75.2

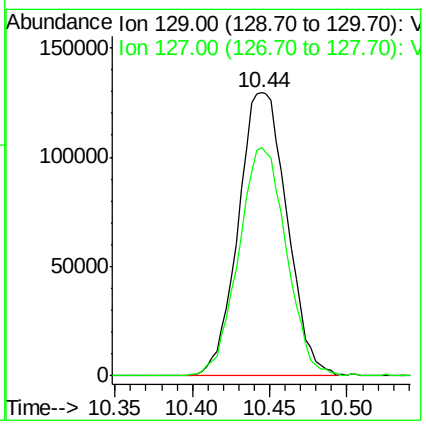


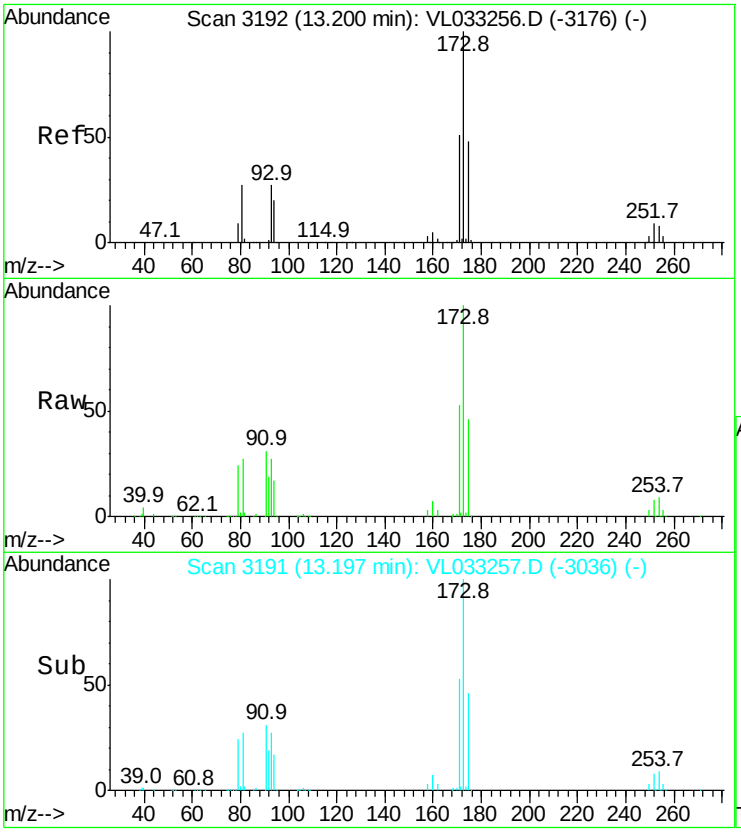


#48
Dibromochloromethane
Concen: 1.935 ppbv
RT: 10.44 min Scan# 2335
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:129 Resp: 282794

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.4	118.2



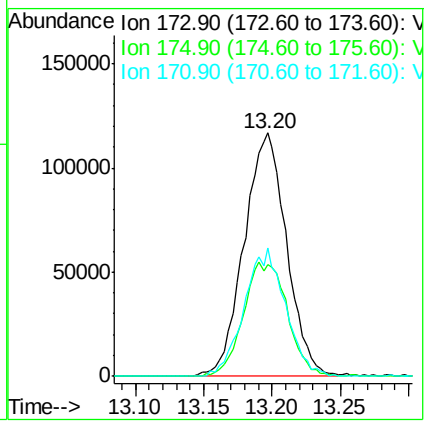


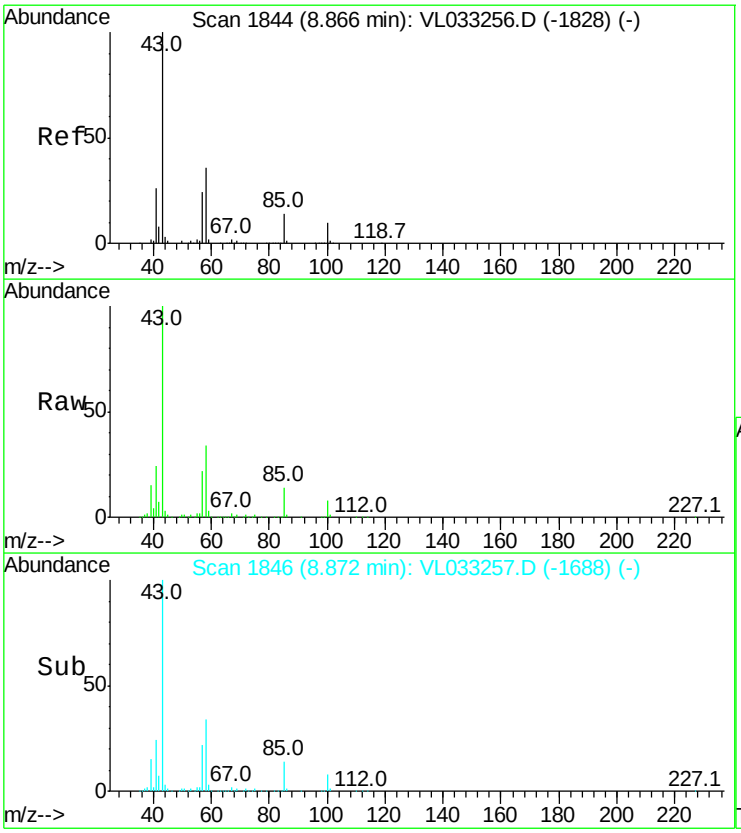
#49
Bromoform
Concen: 2.164 ppbv
RT: 13.20 min Scan# 3191
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:173 Resp: 252594

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.8	58.2
171	51.3	41.5	62.3

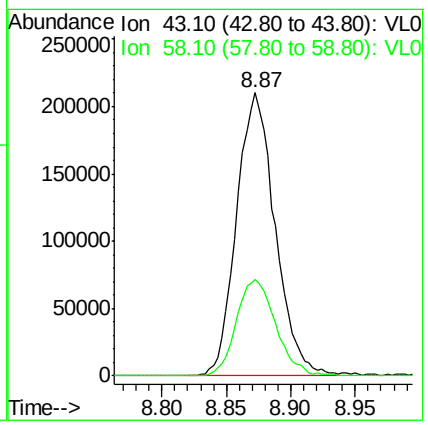


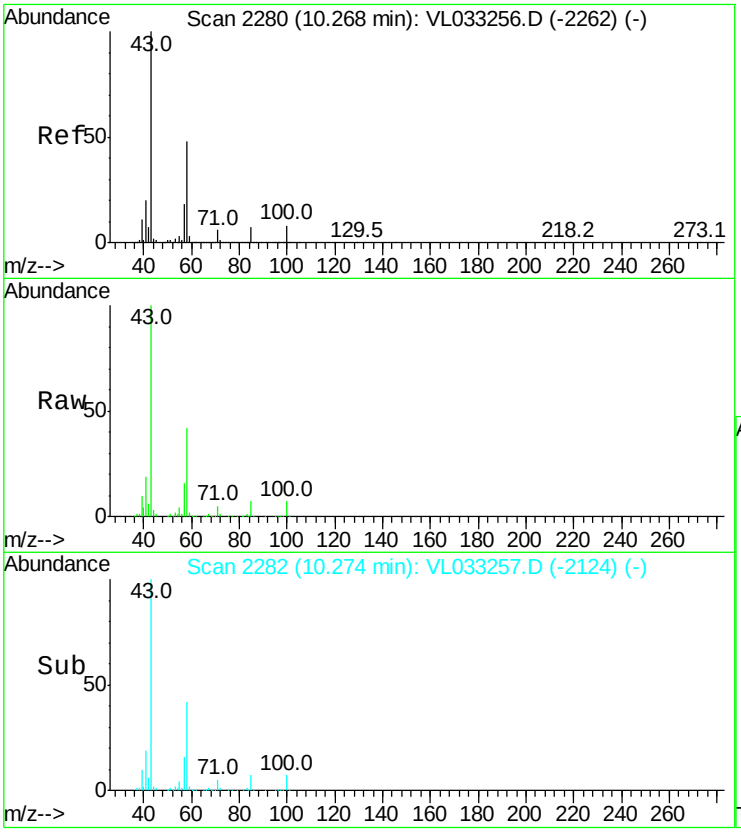


#50
4-Methyl-2-Pentanone
Concen: 1.868 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 43 Resp: 438196

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.1	42.1



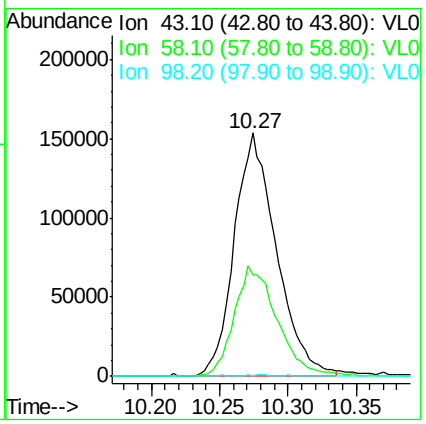


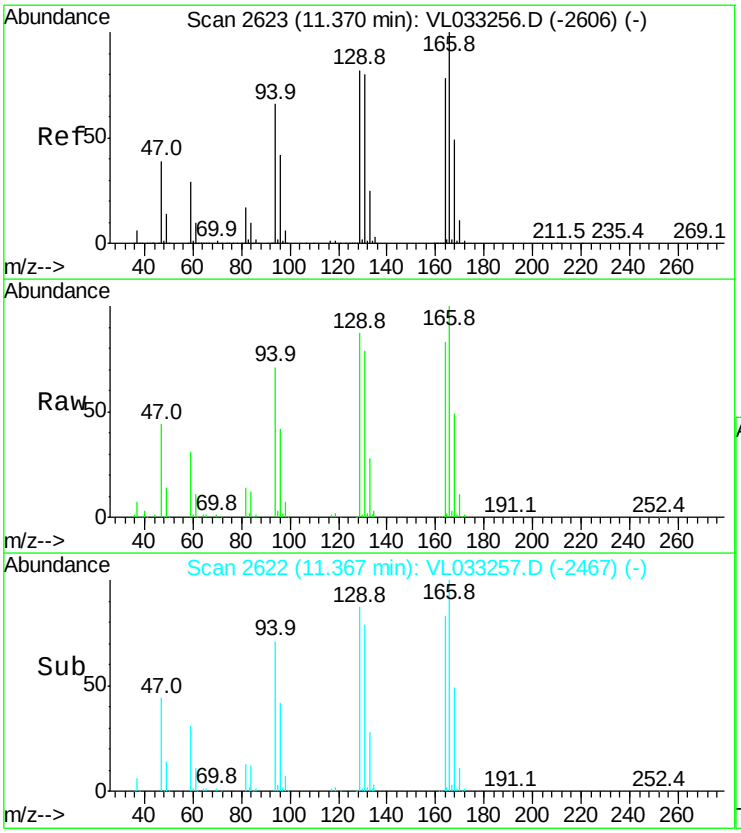
#51
2-Hexanone
Concen: 1.879 ppbv
RT: 10.27 min Scan# 2282
Delta R.T. 0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 329717

Ion	Ratio	Lower	Upper
43	100		
58	46.0	38.1	57.1
98	0.5	0.2	0.4#

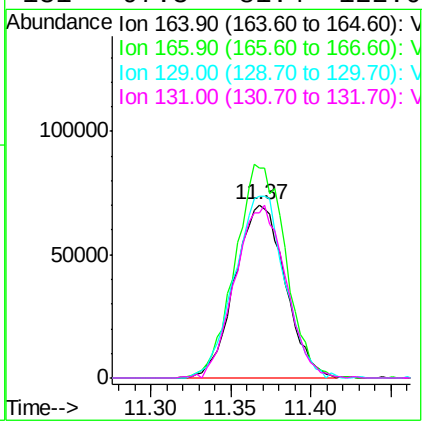


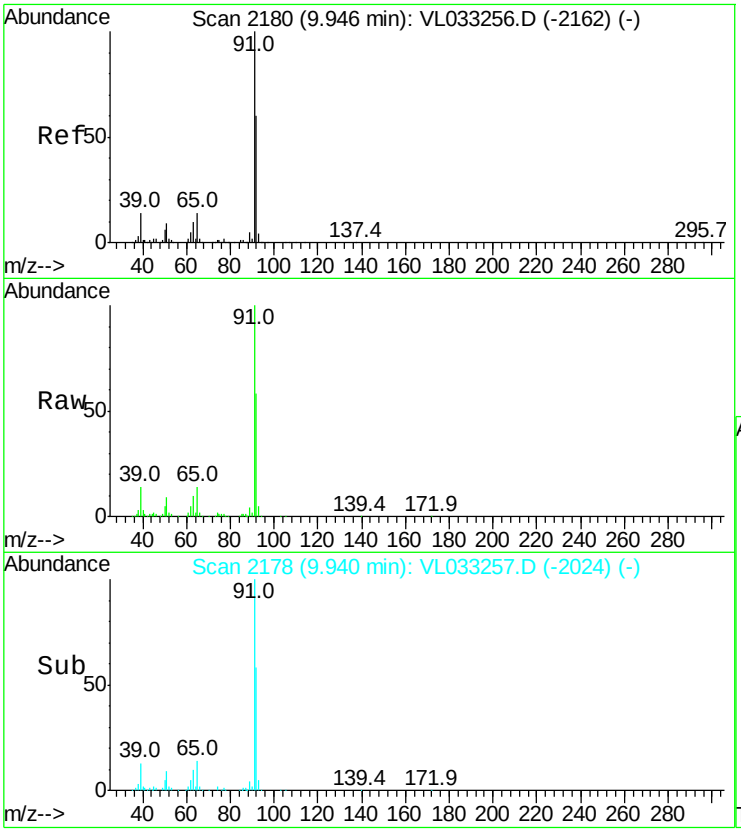


#52
Tetrachloroethene
Concen: 1.890 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:164 Resp: 151279

Ion	Ratio	Lower	Upper
164	100		
166	123.6	102.0	153.0
129	104.4	83.2	124.8
131	97.3	81.4	122.0



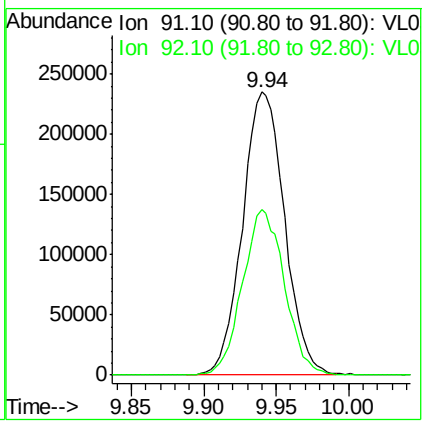


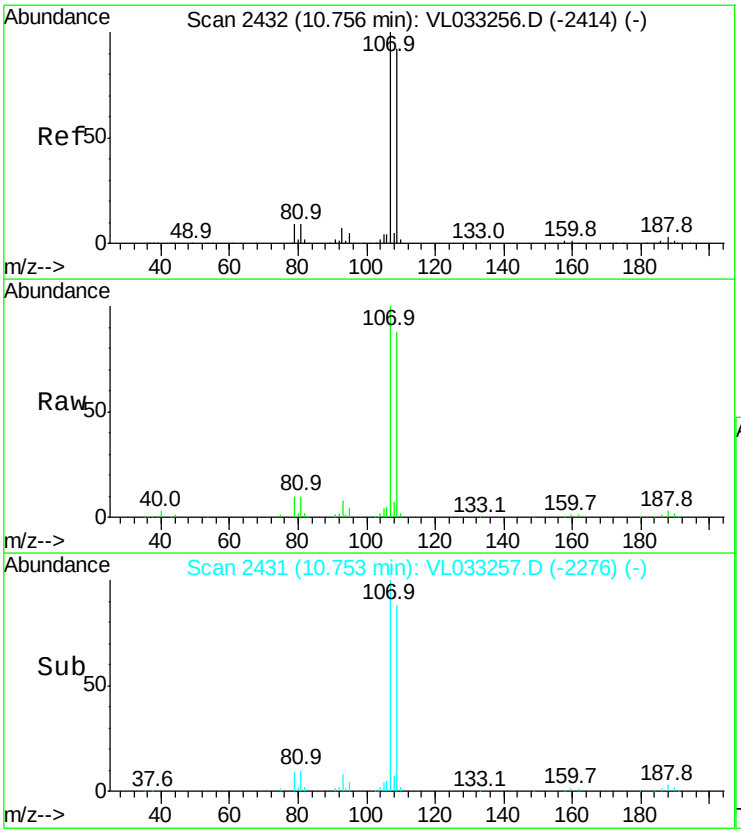
#53
Toluene
Concen: 1.909 ppbv
RT: 9.94 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 473991

Ion	Ratio	Lower	Upper
91	100		
92	58.3	47.7	71.5

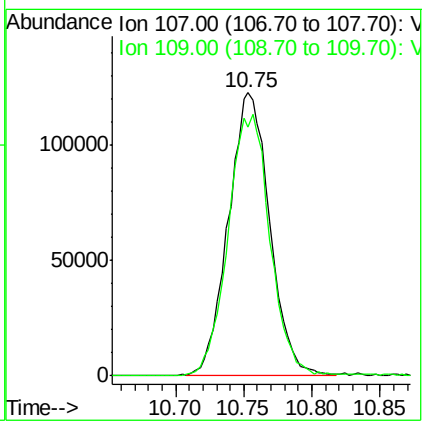


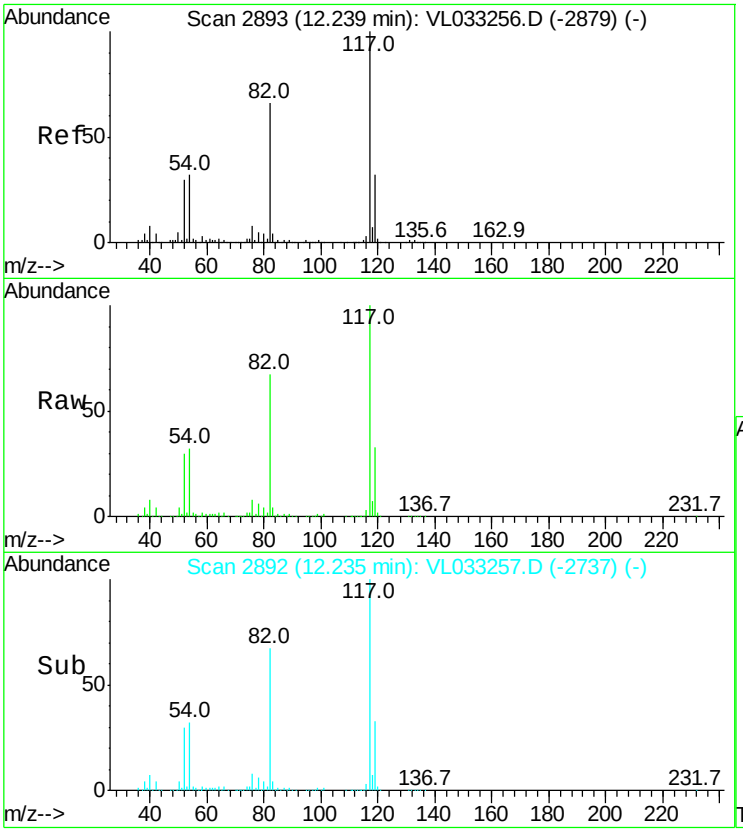


#54
1,2-Dibromoethane
Concen: 1.886 ppbv
RT: 10.75 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:107 Resp: 258549

Ion	Ratio	Lower	Upper
107	100		
109	87.2	73.9	110.9



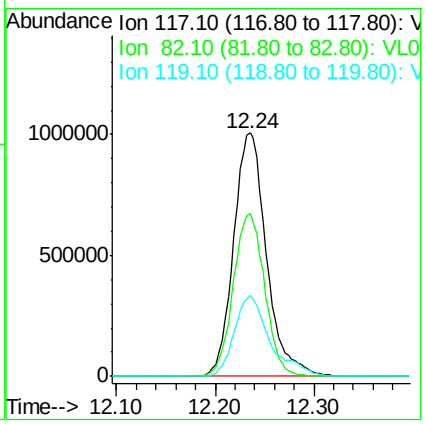


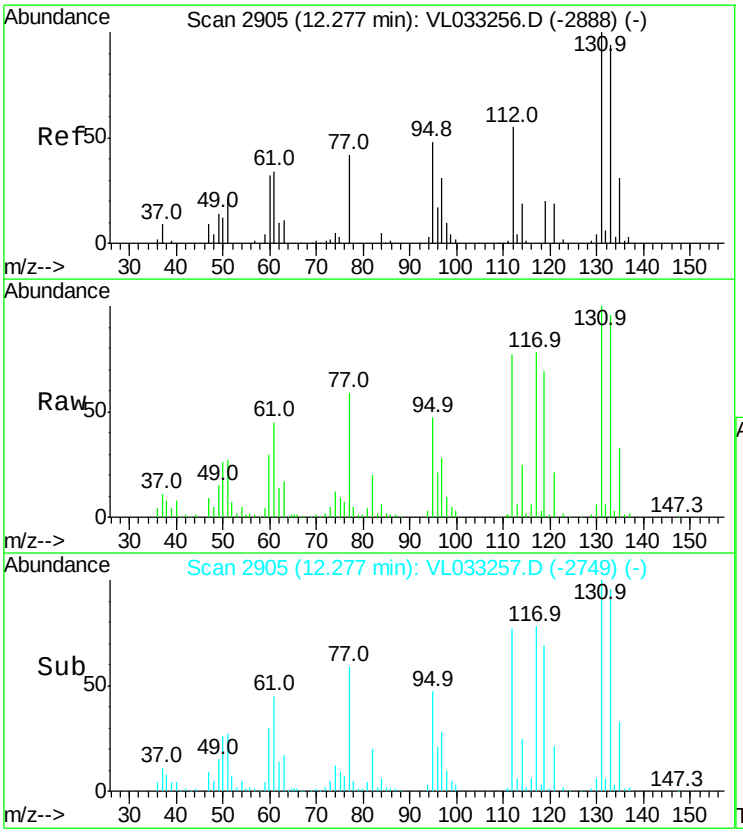
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2323172

Ion	Ratio	Lower	Upper
117	100		
82	64.1	52.2	78.4
119	36.1	43.4	65.2#

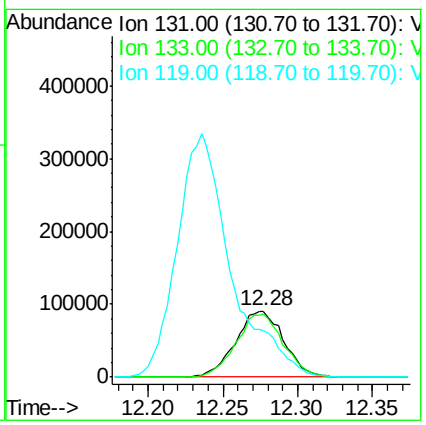


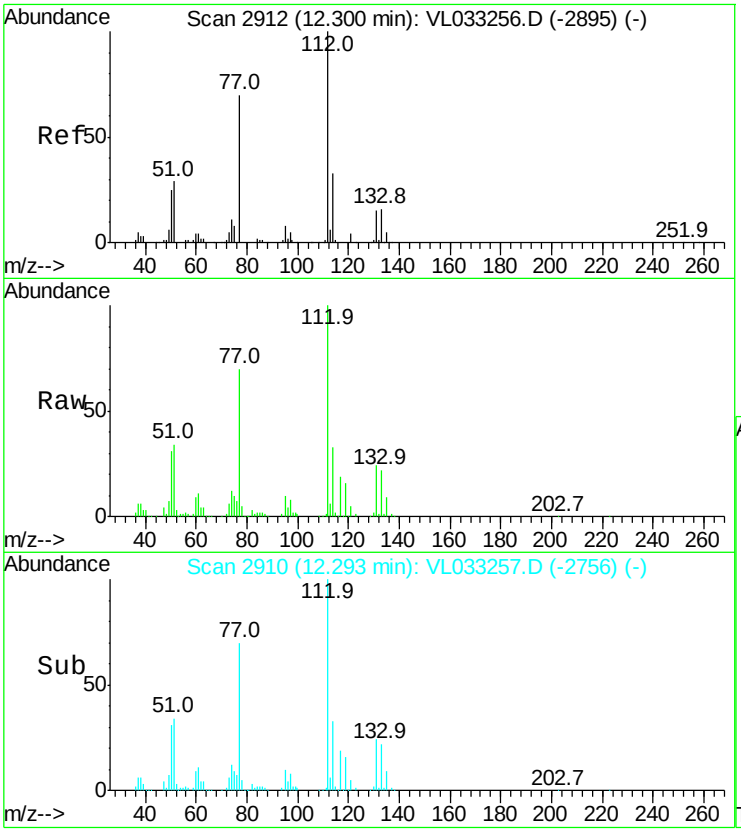


#56
1,1,1,2-Tetrachloroethane
Concen: 2.008 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:131 Resp: 202529

Ion	Ratio	Lower	Upper
131	100		
133	93.7	76.3	114.5
119	413.7	109.2	163.8#



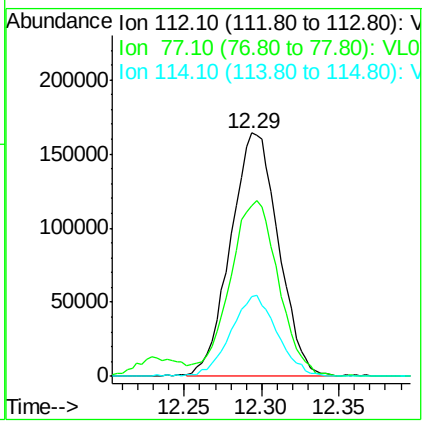


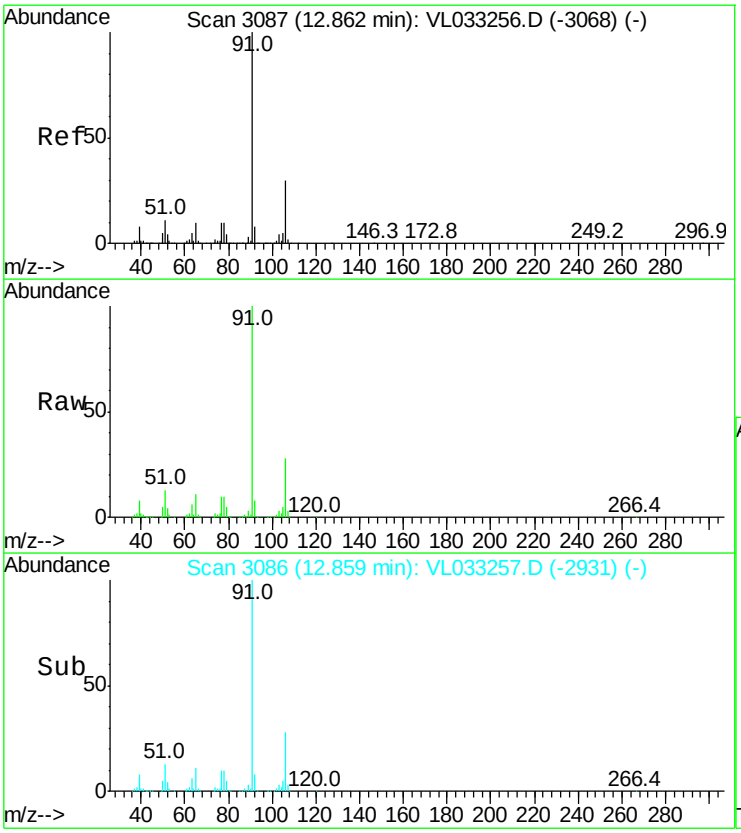
#57
Chlorobenzene
Concen: 1.952 ppbv
RT: 12.29 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 353066

Ion	Ratio	Lower	Upper
112	100		
77	69.9	56.8	85.2
114	32.6	29.5	36.1

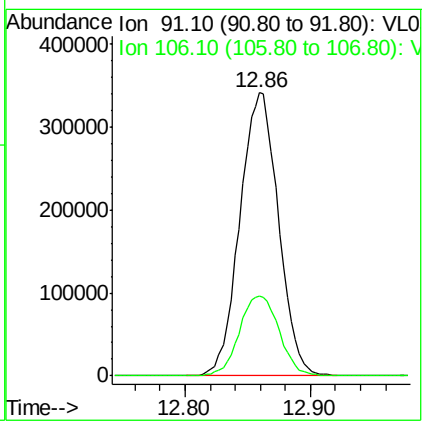


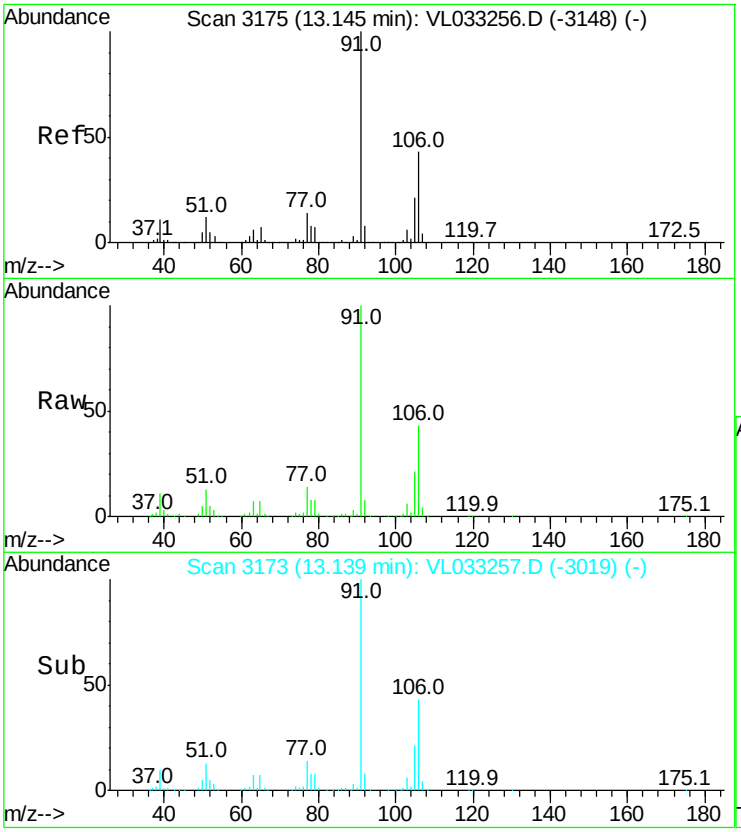


#58
Ethyl Benzene
Concen: 2.267 ppbv
RT: 12.86 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 91 Resp: 728423

Ion	Ratio	Lower	Upper
91	100		
106	28.3	23.7	35.5



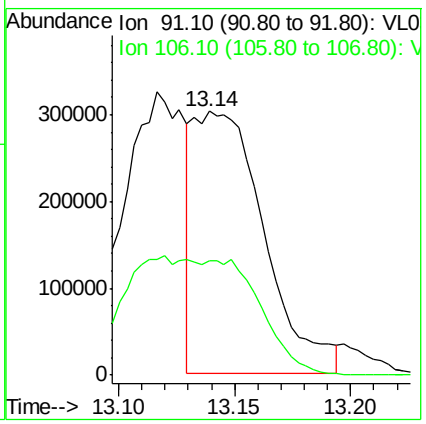


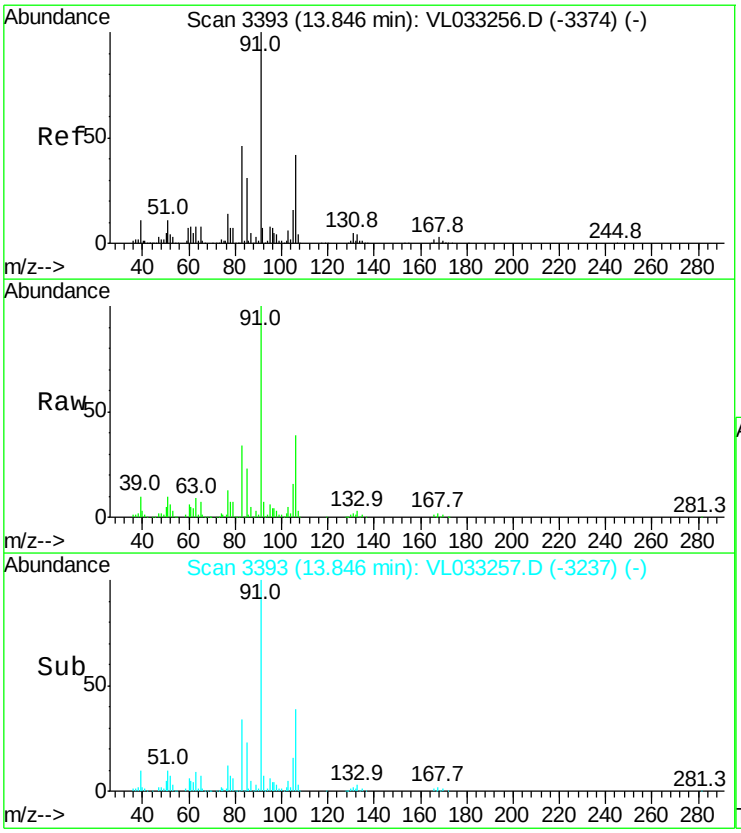
#59
m/p-Xylene
Concen: 2.320 ppbv
RT: 13.14 min Scan# 3173
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 635208

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.0	52.4#

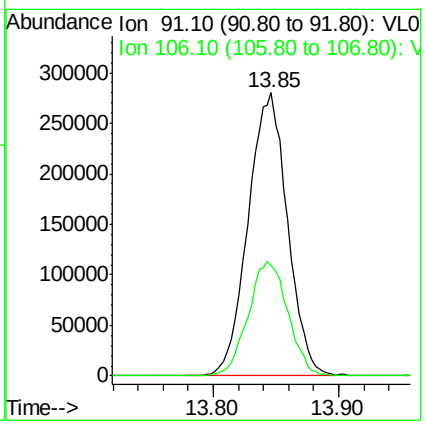


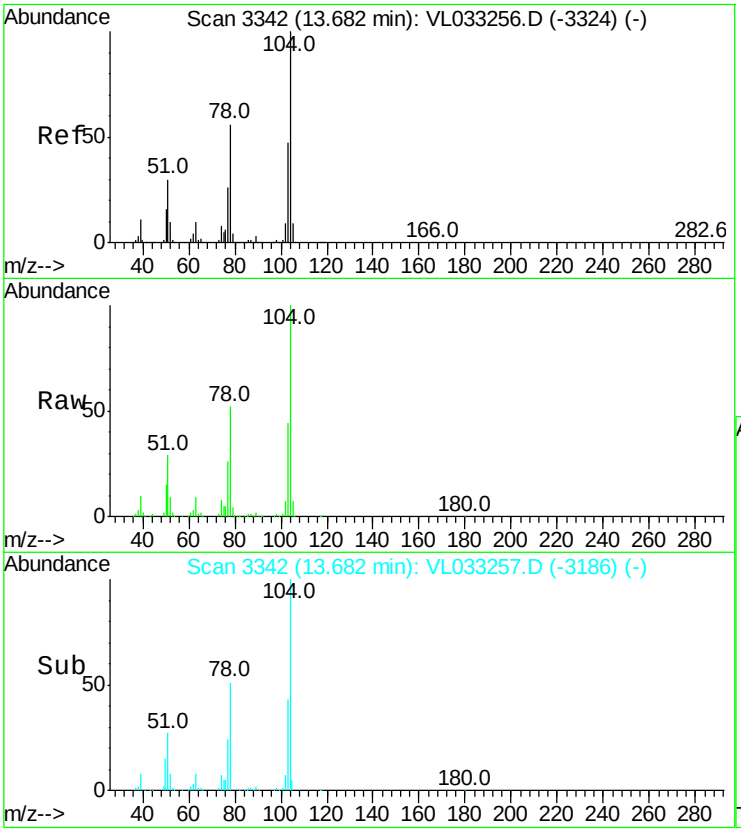


#60
o-Xylene
Concen: 2.334 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 91 Resp: 609447

Ion	Ratio	Lower	Upper
91	100		
106	41.0	21.1	63.4



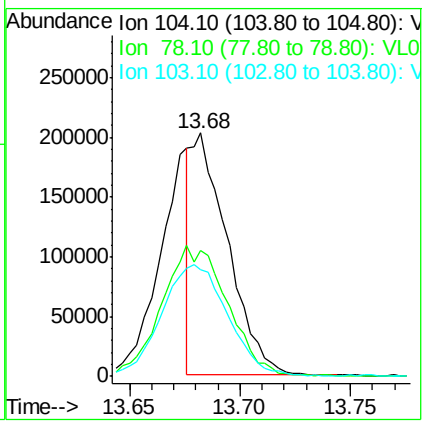


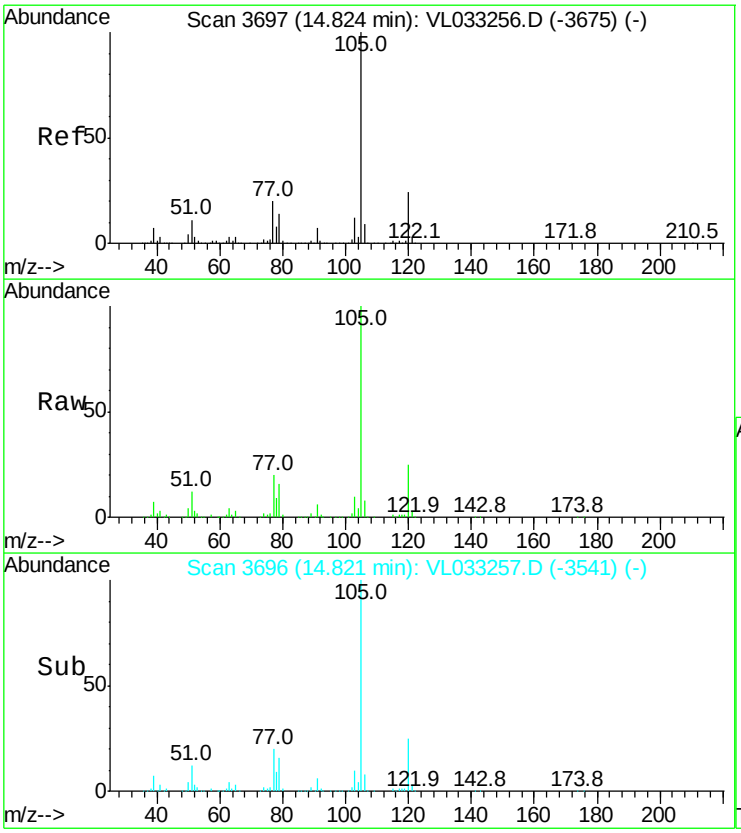
#61
Styrene
Concen: 1.246 ppbv
RT: 13.68 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 228846

Ion	Ratio	Lower	Upper
104	100		
78	99.8	43.9	65.9#
103	85.6	38.3	57.5#

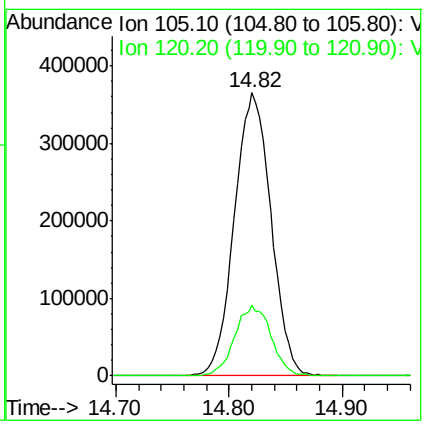


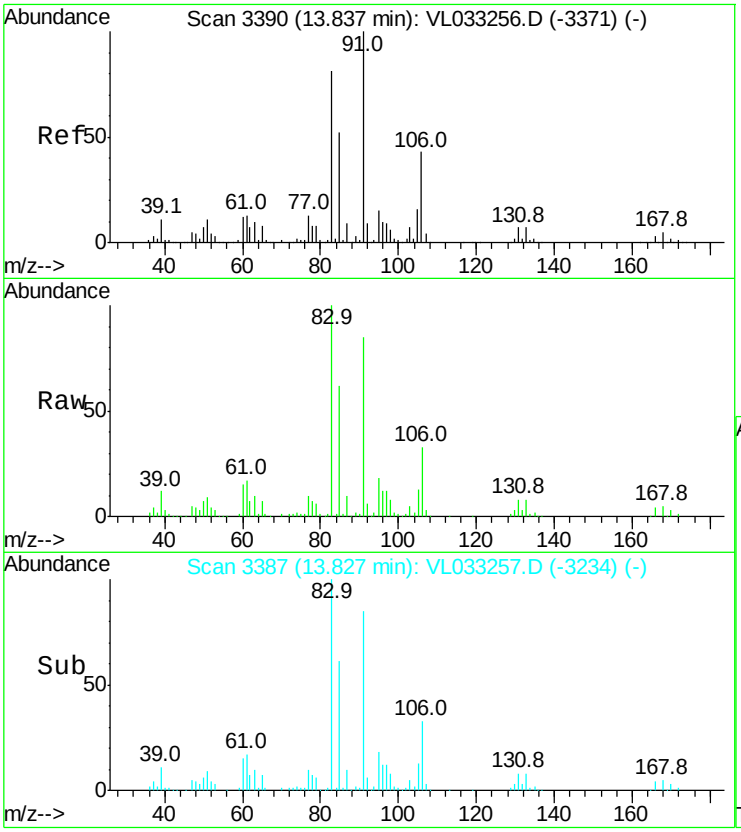


#62
Isopropylbenzene
Concen: 2.264 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:105 Resp: 824241

Ion	Ratio	Lower	Upper
105	100		
120	24.6	19.7	29.5



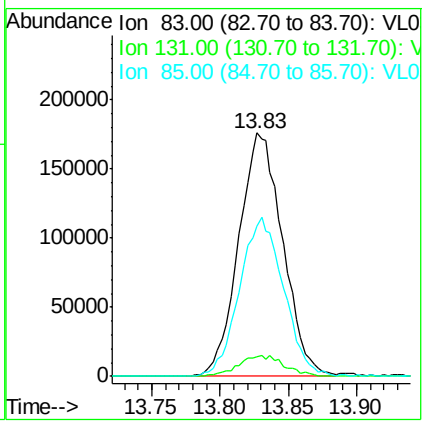


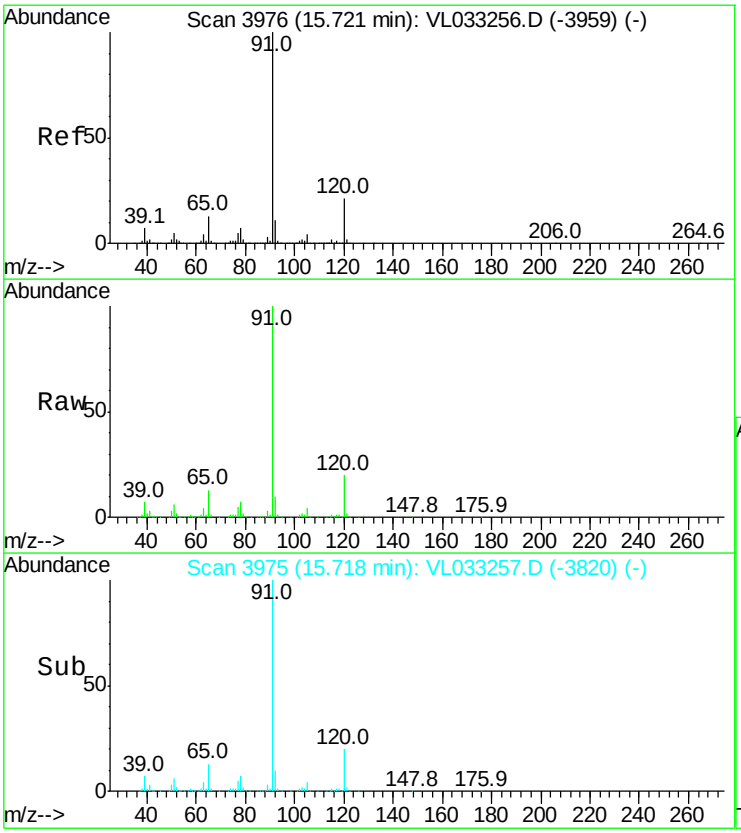
#63
1,1,2,2-Tetrachloroethane
Concen: 2.104 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 390963

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.7	14.0
85	66.6	32.4	97.0

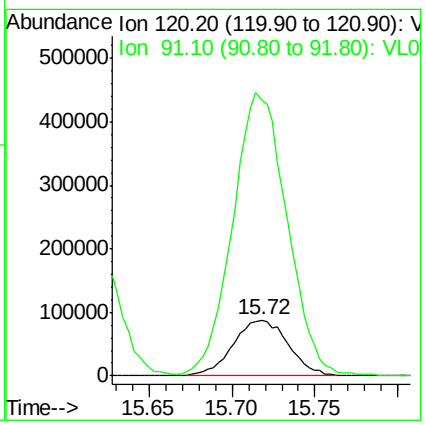


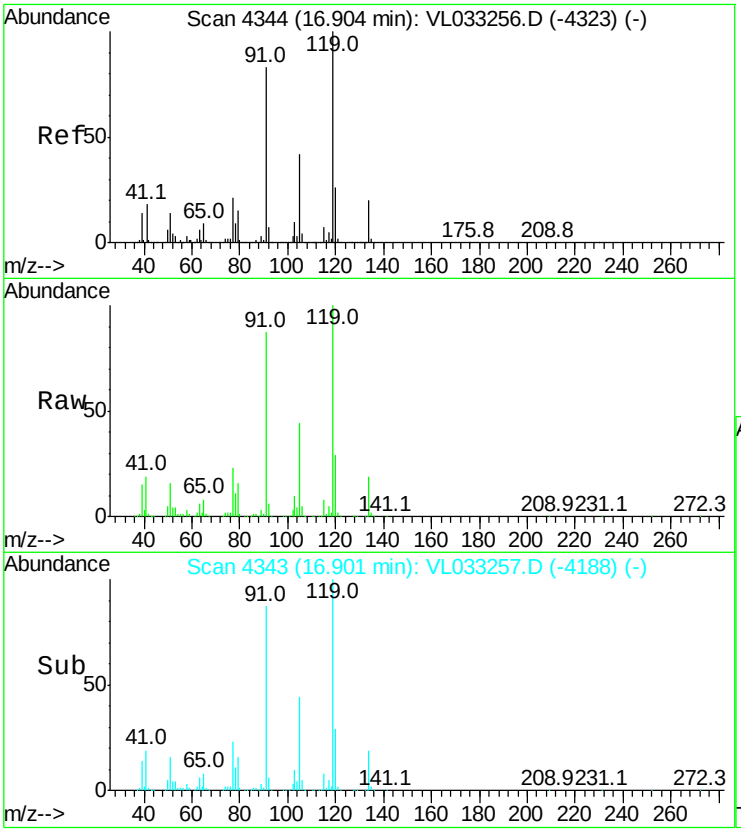


#64
n-propylbenzene
Concen: 2.248 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:120 Resp: 202803

Ion	Ratio	Lower	Upper
120	100		
91	502.3	392.8	589.2



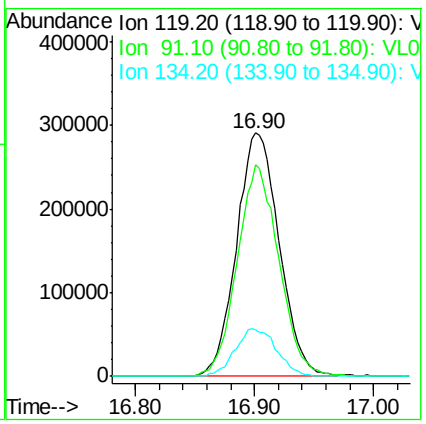


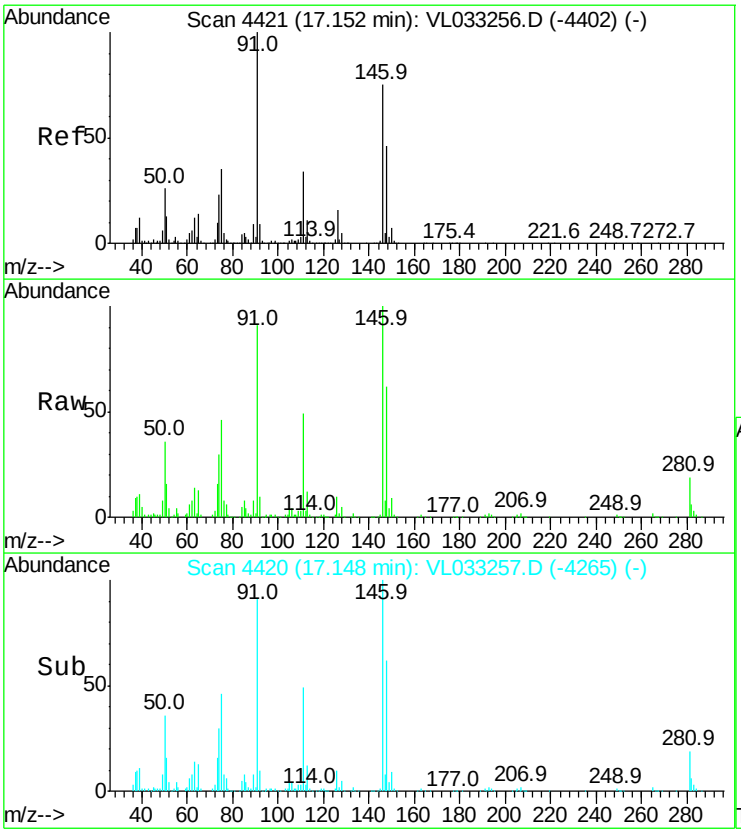
#65
tert-Butylbenzene
Concen: 2.322 ppbv
RT: 16.90 min Scan# 4343
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 721625

Ion	Ratio	Lower	Upper
119	100		
91	85.1	67.3	100.9
134	19.1	15.5	23.3

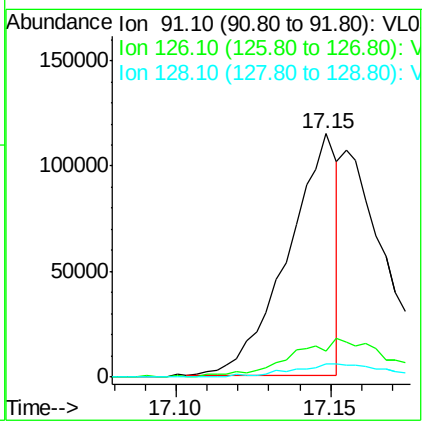


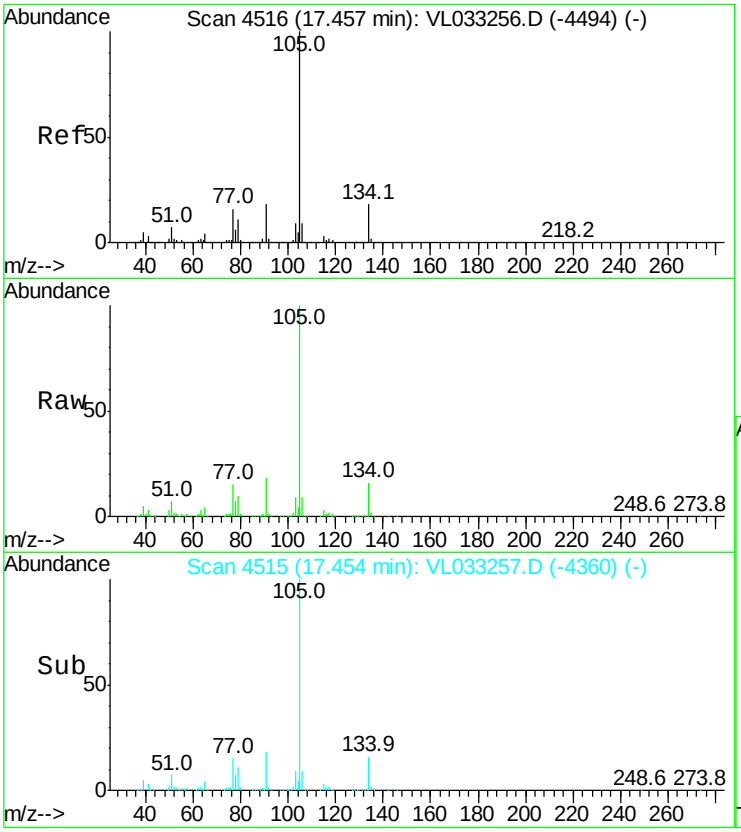


#66
Benzyl Chloride
Concen: 1.065 ppbv
RT: 17.15 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 91 Resp: 127978

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.0	19.6#
128	10.2	4.2	6.2#



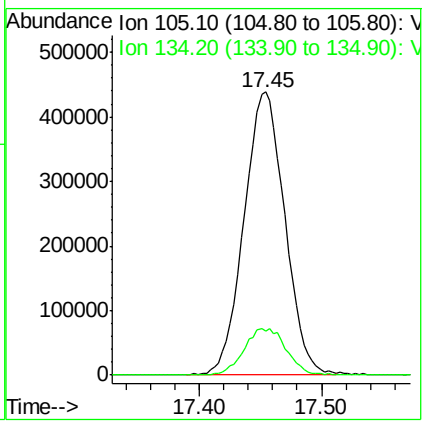


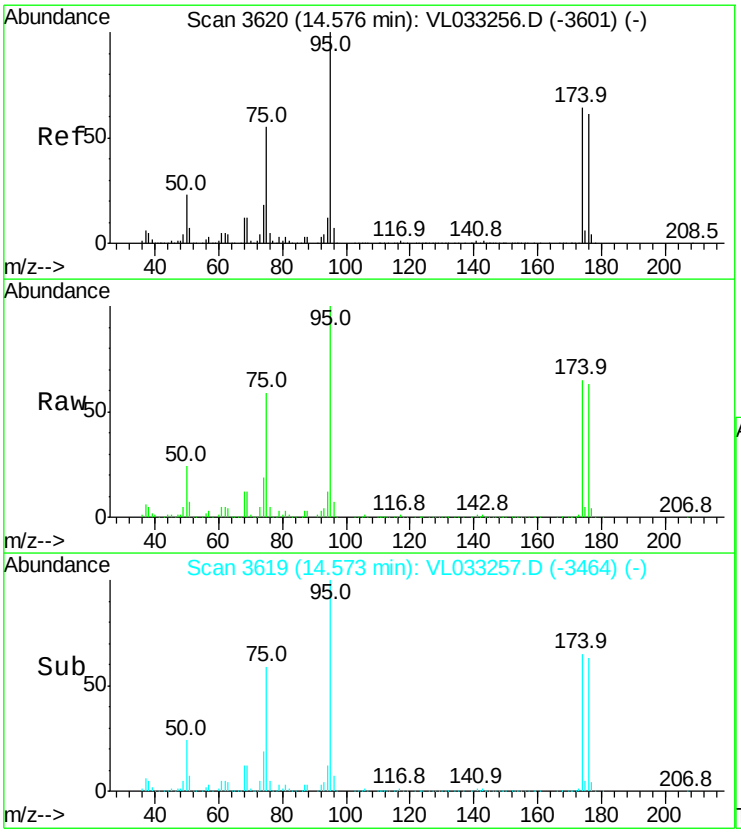
#67
sec-Butylbenzene
Concen: 2.278 ppbv
RT: 17.45 min Scan# 4515
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1009390

Ion	Ratio	Lower	Upper
105	100		
134	17.2	14.0	21.0

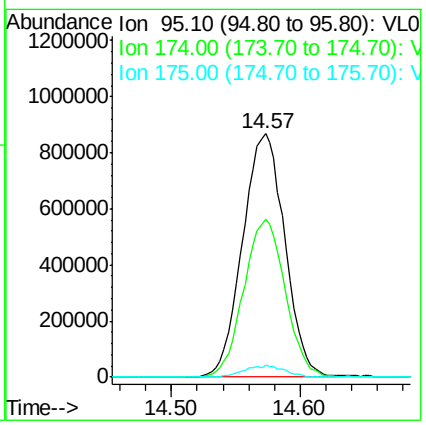


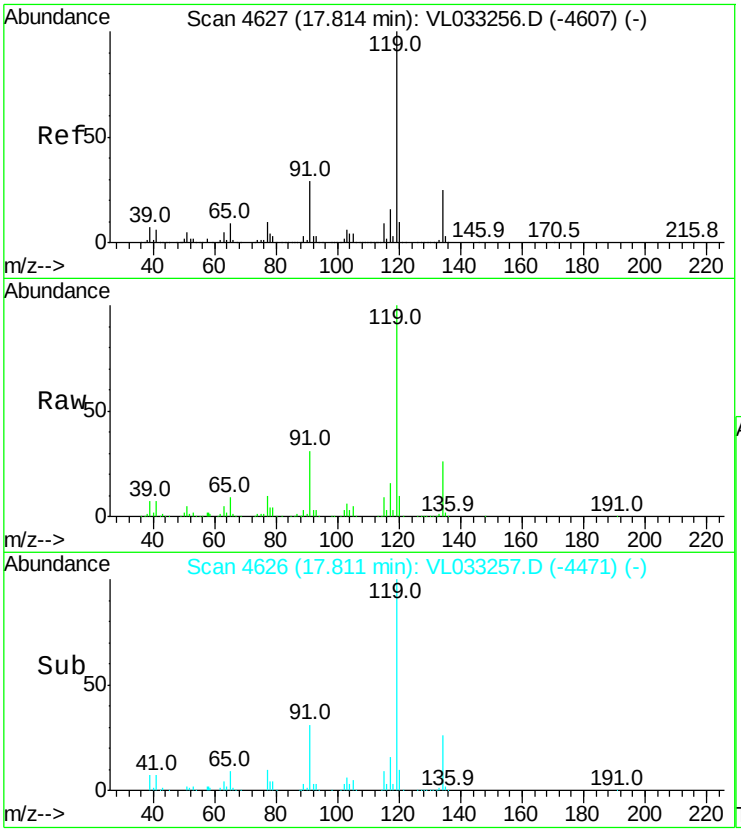


#68
1-Bromo-4-Fluorobenzene
Concen: 11.213 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 95 Resp: 1976715

Ion	Ratio	Lower	Upper
95	100		
174	64.1	51.7	77.5
175	4.7	3.8	5.8



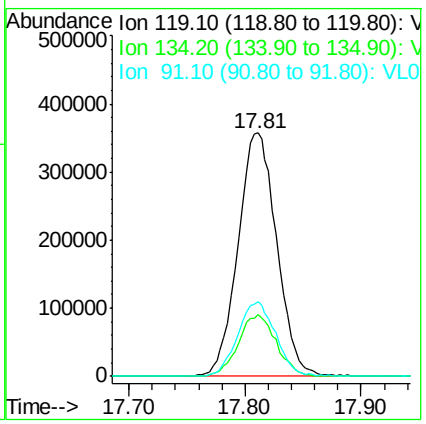


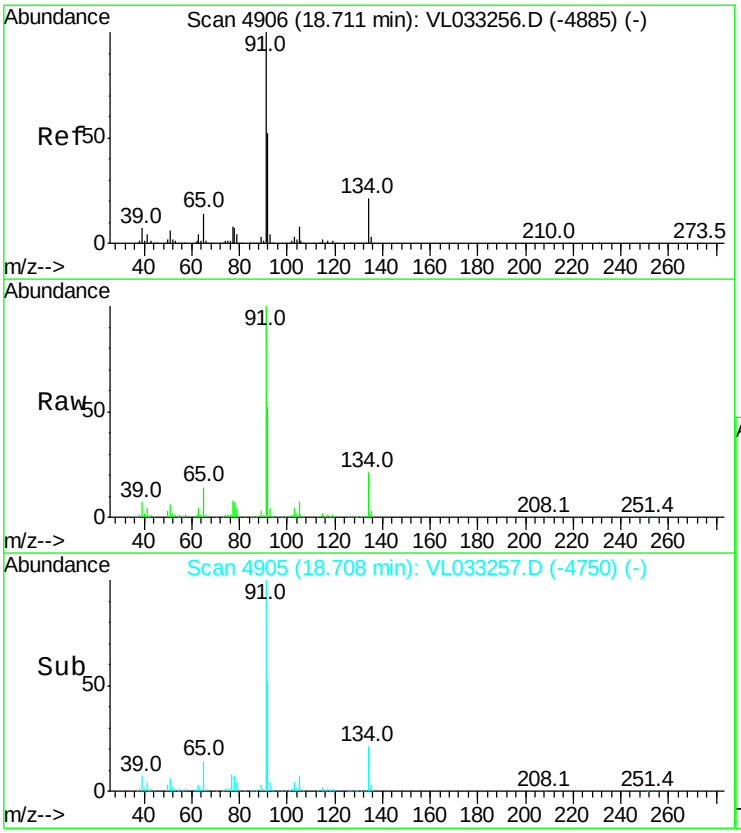
#69
p-Isopropyltoluene
Concen: 2.312 ppbv
RT: 17.81 min Scan# 4626
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 828196

Ion	Ratio	Lower	Upper
119	100		
134	24.9	19.8	29.8
91	30.3	23.9	35.9

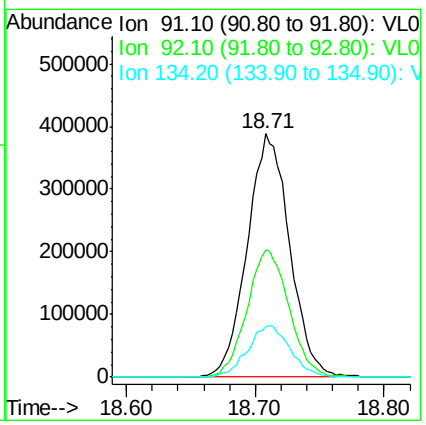


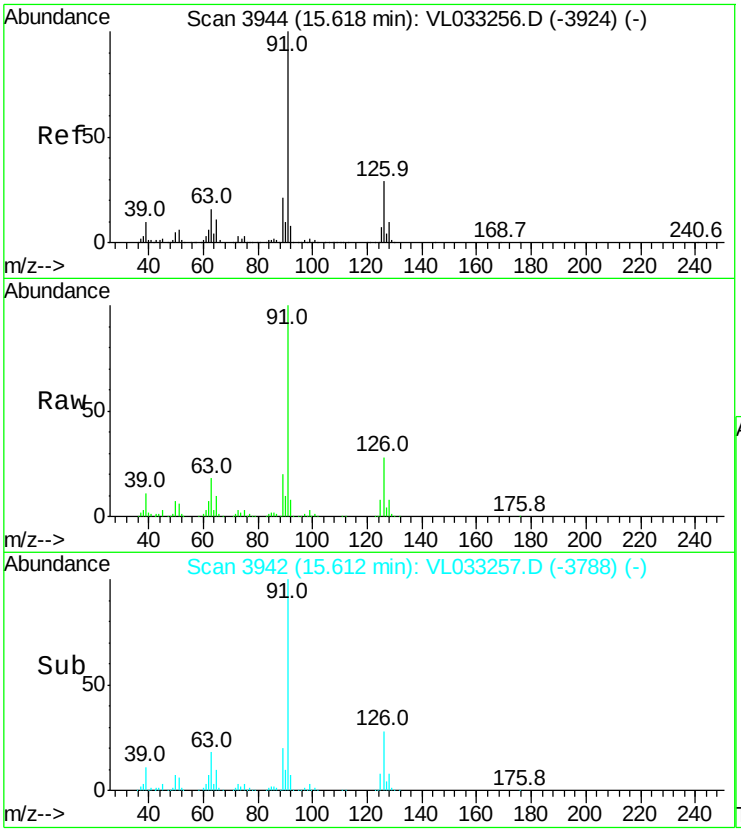


#70
n-Butylbenzene
Concen: 2.259 ppbv
RT: 18.71 min Scan# 4905
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion: 91 Resp: 886534

Ion	Ratio	Lower	Upper
91	100		
92	52.0	42.6	63.8
134	21.2	17.3	25.9



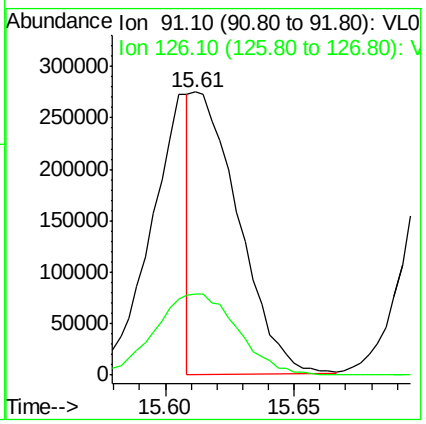


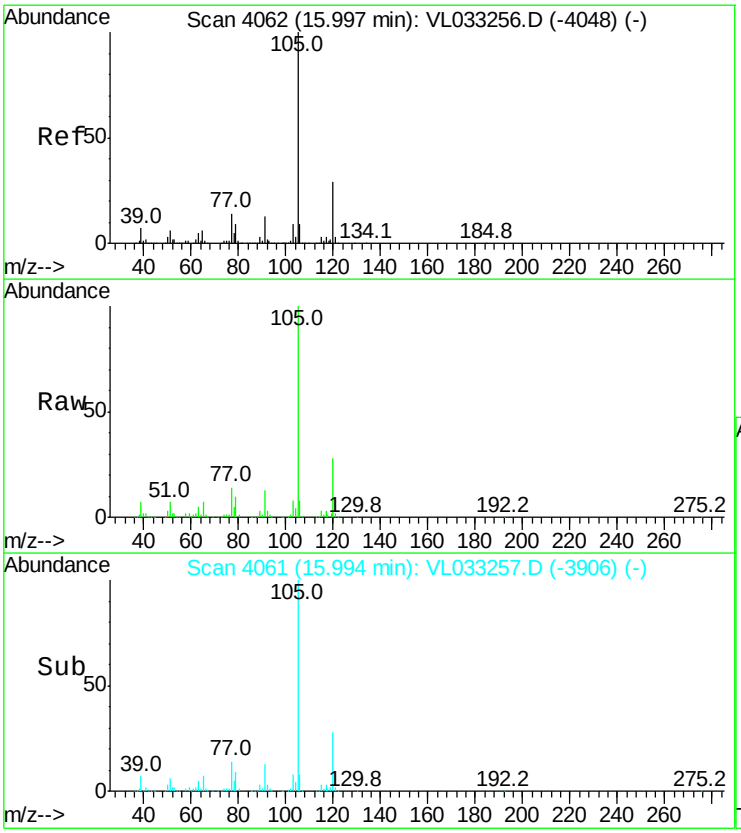
#71
2-Chlorotoluene
Concen: 1.236 ppbv
RT: 15.61 min Scan# 3942
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 343907

Ion	Ratio	Lower	Upper
91	100		
126	51.7	11.7	46.9#

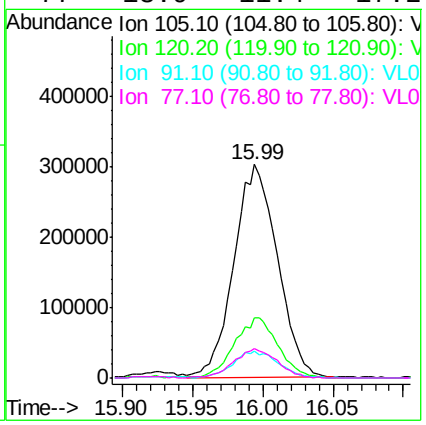


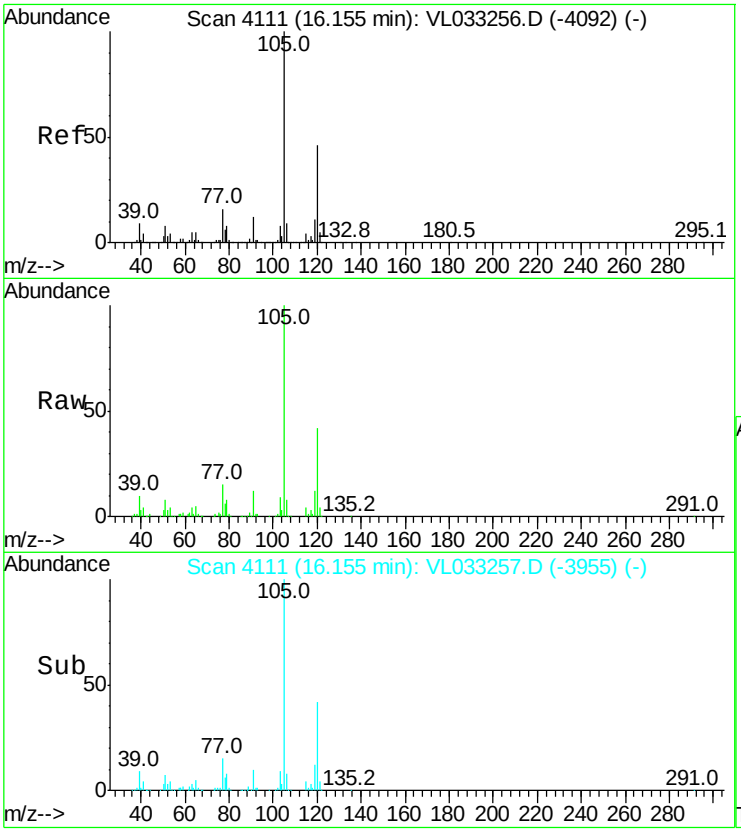


#72
4-Ethyltoluene
Concen: 2.281 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:105 Resp: 650832

Ion	Ratio	Lower	Upper
105	100		
120	28.5	22.9	34.3
91	13.2	10.4	15.6
77	13.9	11.4	17.2



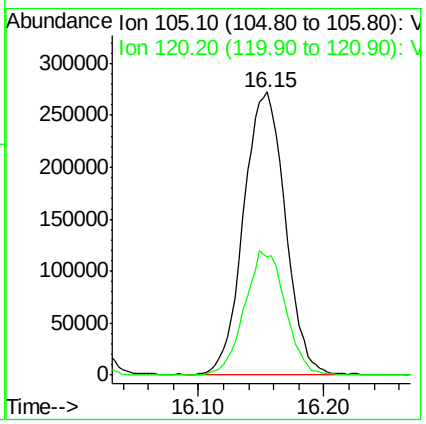


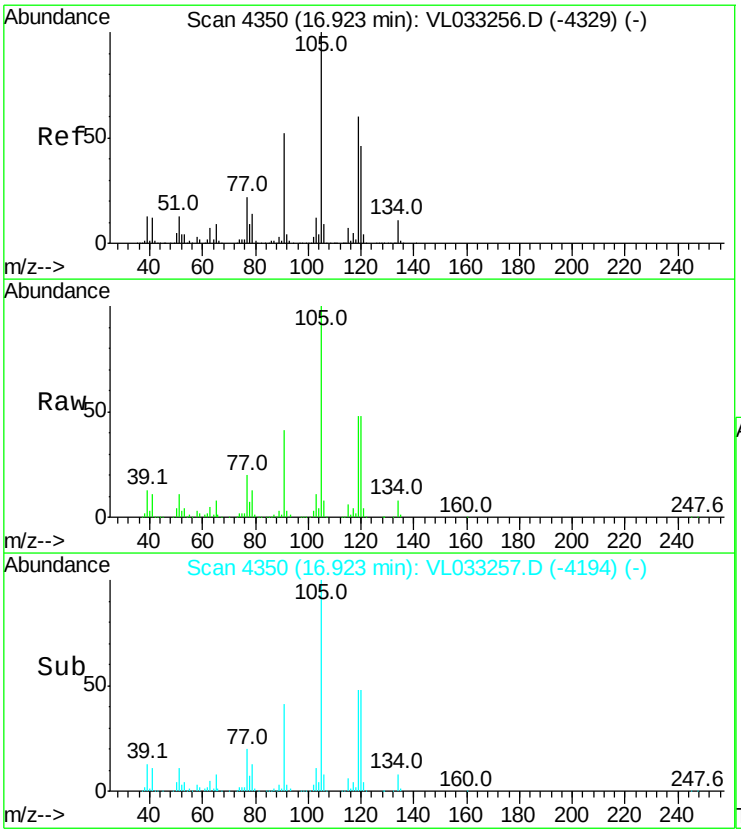
#73
1,3,5-Trimethylbenzene
Concen: 2.282 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 624872

Ion	Ratio	Lower	Upper
105	100		
120	41.8	36.6	55.0

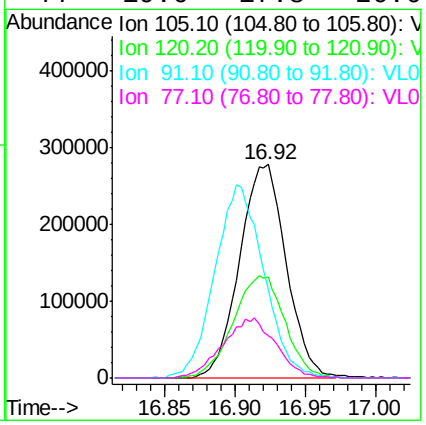


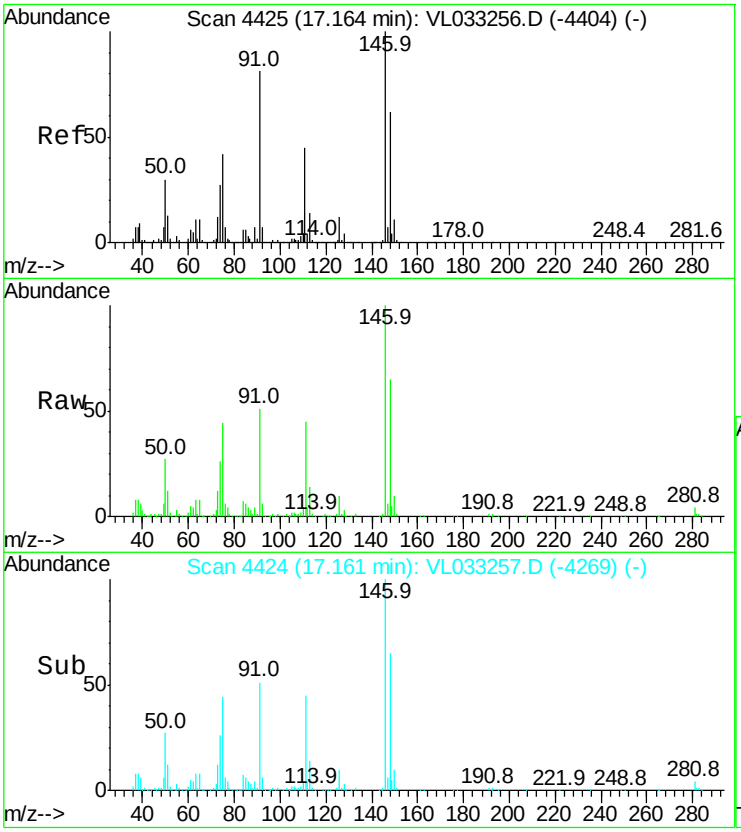


#74
1,2,4-Trimethylbenzene
Concen: 2.228 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:105 Resp: 641440

Ion	Ratio	Lower	Upper
105	100		
120	47.2	36.7	55.1
91	40.7	42.1	63.1#
77	19.6	17.8	26.6



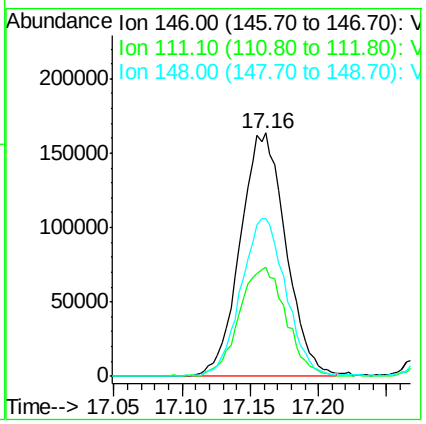


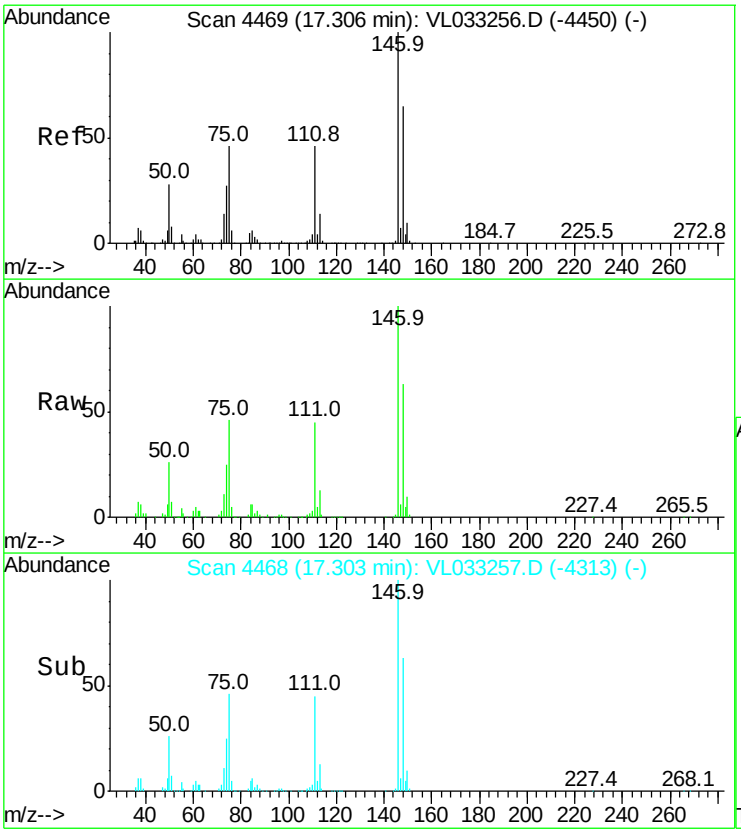
#75
1,3-Dichlorobenzene
Concen: 2.247 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 378286

Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.9	68.7
148	64.1	31.6	94.7

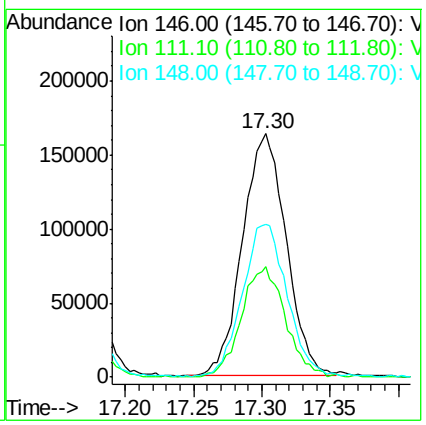


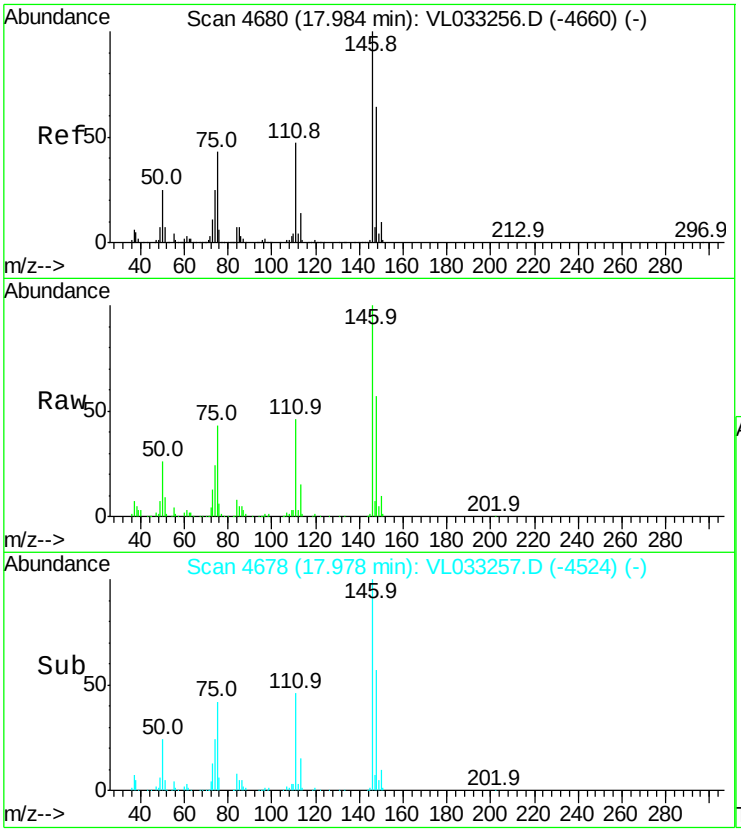


#76
1,4-Dichlorobenzene
Concen: 2.188 ppbv
RT: 17.30 min Scan# 4468
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:146 Resp: 365040

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.6	67.7
148	65.2	32.3	96.9



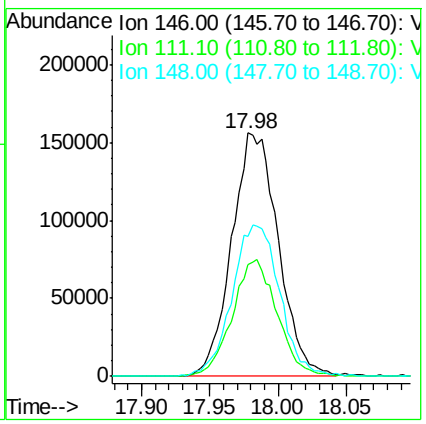


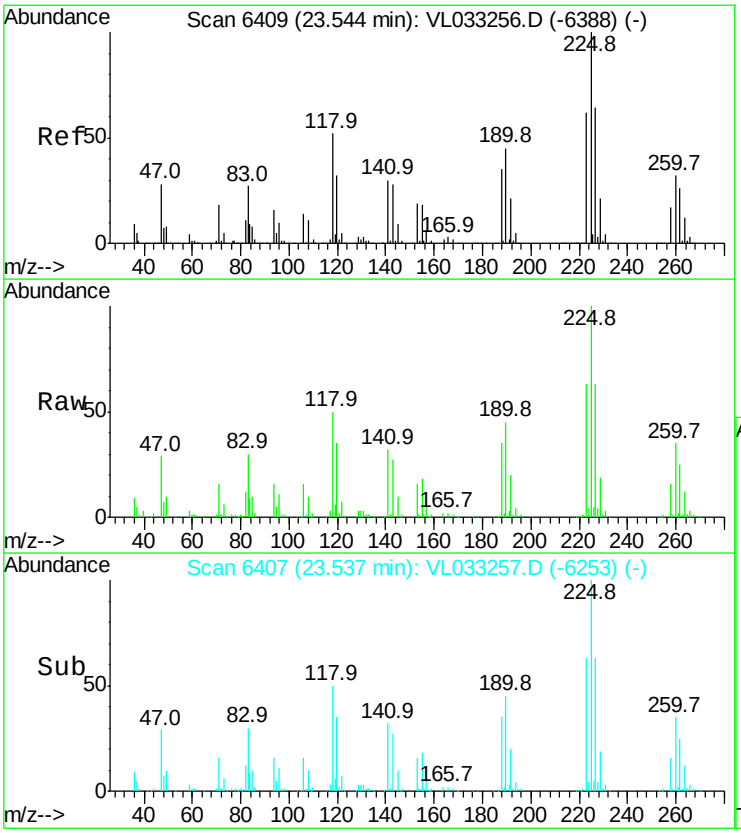
#77
1,2-Dichlorobenzene
Concen: 2.264 ppbv
RT: 17.98 min Scan# 4678
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 370049

Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.8	71.2
148	63.8	32.0	96.2

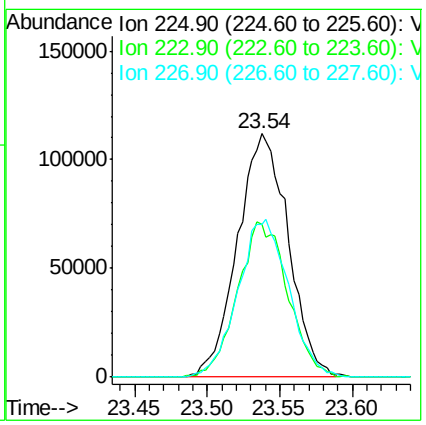


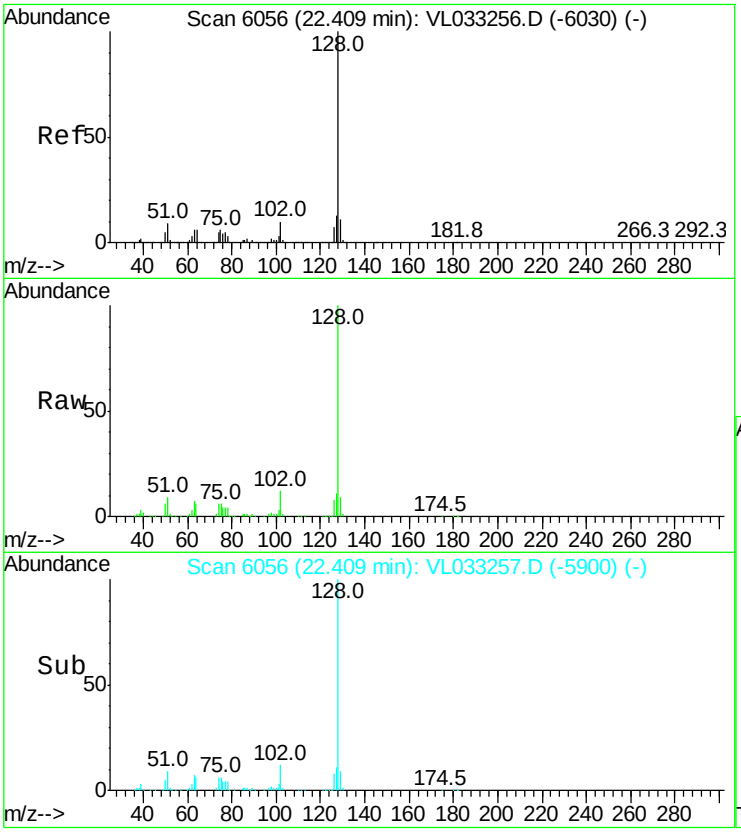


#78
Hexachloro-1,3-Butadiene
Concen: 2.357 ppbv
RT: 23.54 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:225 Resp: 272662

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	64.5	51.4	77.0



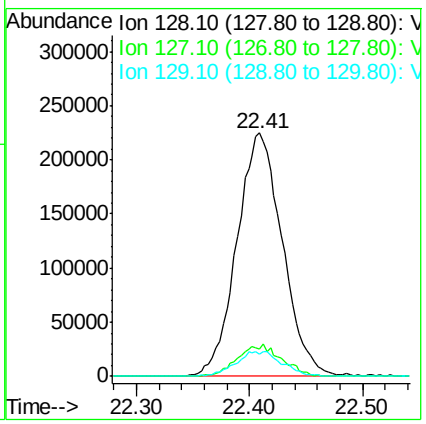


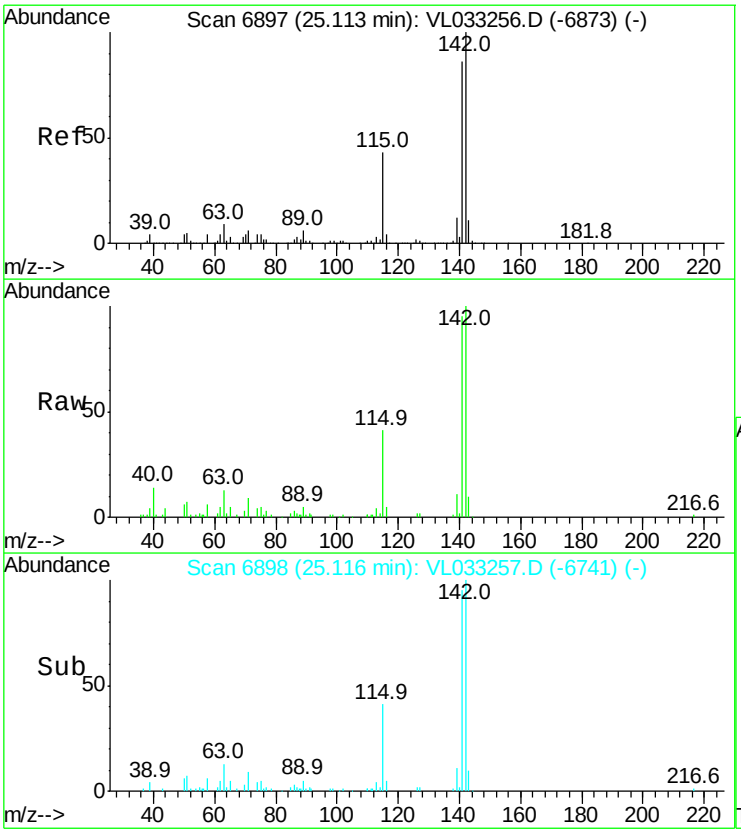
#79
Naphthalene
Concen: 1.780 ppbv
RT: 22.41 min Scan# 6056
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:128 Resp: 626695

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	9.0	8.6	13.0

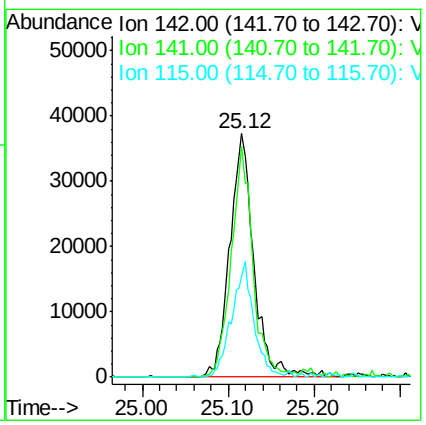


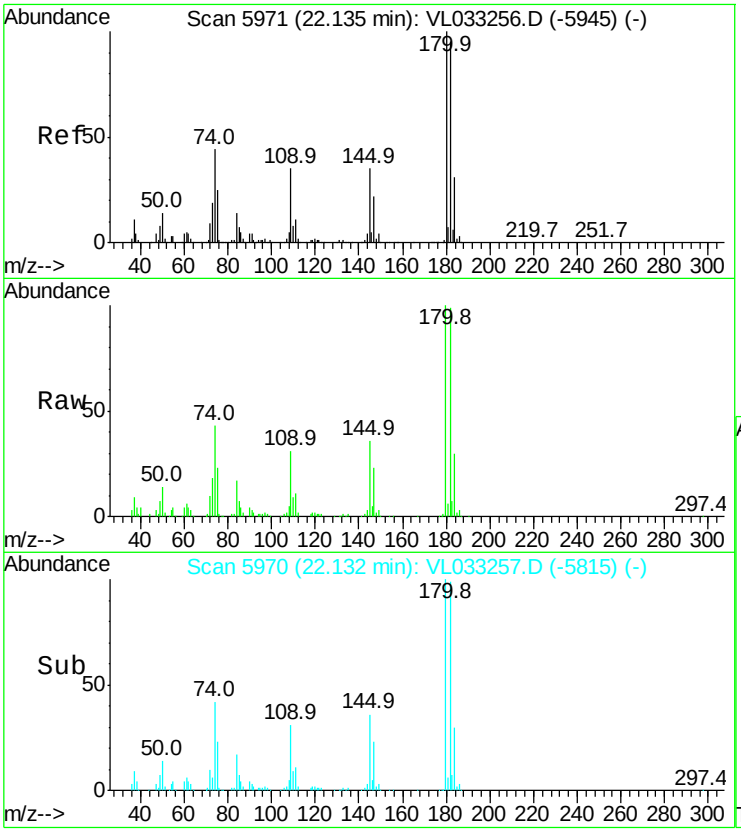


#80
Naphthalene,2-methyl-
Concen: 0.684 ppbv
RT: 25.12 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Tgt Ion:142 Resp: 71986

Ion	Ratio	Lower	Upper
142	100		
141	86.1	67.6	101.4
115	43.9	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 1.907 ppbv
RT: 22.13 min Scan# 5970
Delta R.T. -0.00 min
Lab File: VL033257.D
Acq: 8 Mar 2019 13:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 337336

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.3	114.5
184	30.8	24.6	36.8