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

Quantitation Report (Not Reviewed)

Data File : VL033258.D
Acq On : 8 Mar 2019 14:04
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 08 16:15:51 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	966416	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2158596	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2499069	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1964279	10.36	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	198561	1.454	ppbv		100
3) Chlorodifluoromethane	3.02	51	115467	1.044	ppbv		99
4) Chloromethane	3.17	50	62007	1.089	ppbv		98
5) Vinyl Chloride	3.29	62	60151	0.942	ppbv		93
6) Bromomethane	3.52	94	36406	0.997	ppbv		93
7) Chloroethane	3.60	64	22419	1.051	ppbv		100
8) Dichlorotetrafluoroethane	3.22	85	152613	1.131	ppbv		98
9) Propene	3.04	41	49871	1.012	ppbv		98
10) Heptane	8.25	43	127845	0.953	ppbv		99
11) Trichlorofluoromethane	4.00	101	171047	1.067	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	112962	1.087	ppbv		98
13) Ethanol	3.65	45	8739	0.593	ppbv	#	38
14) Bromoethene	3.79	108	44094	1.007	ppbv		99
15) Acetone	3.91	43	129109	1.038	ppbv		99
16) 1,3-Butadiene	3.36	39	47491	0.956	ppbv		87
17) tert-Butyl alcohol	4.37	59	9300	0.459	ppbv	#	58
18) 1,1-Dichloroethene	4.35	96	47502	1.027	ppbv		90
19) Isopropyl Alcohol	4.04	45	36086	0.488	ppbv	#	83
20) Methylene Chloride	4.41	84	53276	1.130	ppbv		92
21) Allyl Chloride	4.48	41	72954	1.051	ppbv		99
22) trans-1,2-Dichloroethene	4.97	96	47402	1.004	ppbv		95
23) Vinyl Acetate	5.15	43	167223	0.912	ppbv		99
24) 1,1-Dichloroethane	5.09	63	125654	0.961	ppbv		98
25) Ethyl Acetate	5.77	43	231858	1.017	ppbv		99
26) Hexane	5.78	57	111906	1.050	ppbv		94
27) Carbon Disulfide	4.62	76	99701	0.970	ppbv		94
28) Methyl tert-Butyl Ether	5.12	73	137858	0.938	ppbv		97
29) Chloroform	5.85	83	159168	0.960	ppbv		94
30) Cyclohexane	7.24	84	76335	0.957	ppbv		97
31) cis-1,2-Dichloroethene	5.64	61	96409	0.937	ppbv	#	94
32) 1,1,1-Trichloroethane	6.62	97	148315	0.922	ppbv		96
34) 2-Butanone	5.34	43	142371	0.952	ppbv		99
35) Carbon Tetrachloride	7.13	117	158987	0.974	ppbv		91
36) Benzene	7.00	78	194859	0.962	ppbv		95
37) 1,2-Dichloroethane	6.41	62	125346	0.994	ppbv		99
38) Trichloroethene	7.96	130	75674	0.989	ppbv		93
39) 1,2-Dichloropropane	7.73	63	75534	0.955	ppbv		97
40) 1,4-Dioxane	7.98	88	19536	0.666	ppbv	#	1
41) Tetrahydrofuran	6.17	42	76475	0.931	ppbv		98
42) Bromodichloromethane	7.91	83	163305	0.916	ppbv	#	96
43) Methyl Methacrylate	8.14	69	75234	0.918	ppbv		98

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

Quantitation Report (Not Reviewed)

Data File : VL033258.D
Acq On : 8 Mar 2019 14:04
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 08 16:15:51 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	354553	0.990	ppbv		99
45) t-1,3-Dichloropropene	9.41	75	83924	0.846	ppbv		99
46) cis-1,3-Dichloropropene	8.83	75	101735	0.860	ppbv		95
47) 1,1,2-Trichloroethane	9.61	97	82808	0.973	ppbv	#	82
48) Dibromochloromethane	10.44	129	127634	0.926	ppbv		100
49) Bromoform	13.20	173	55721	0.506	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.88	43	207663	0.939	ppbv		96
51) 2-Hexanone	10.28	43	148617	0.898	ppbv	#	99
52) Tetrachloroethene	11.37	164	82968	1.099	ppbv		93
53) Toluene	9.95	91	217553	0.929	ppbv		99
54) 1,2-Dibromoethane	10.75	107	141343	1.093	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.27	131	107928	0.995	ppbv	#	1
57) Chlorobenzene	12.30	112	199816	1.027	ppbv		91
58) Ethyl Benzene	12.86	91	342445	0.991	ppbv		97
59) m/p-Xylene	13.15	91	325489	1.105	ppbv	#	46
60) o-Xylene	13.84	91	285219	1.016	ppbv		98
61) Styrene	13.68	104	186603	0.945	ppbv		98
62) Isopropylbenzene	14.82	105	398605	1.018	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.83	83	192699	0.964	ppbv		99
64) n-propylbenzene	15.71	120	51302	0.529	ppbv		68
65) tert-Butylbenzene	16.90	119	153993	0.461	ppbv	#	17
66) Benzyl Chloride	17.15	91	61454	0.475	ppbv	#	84
67) sec-Butylbenzene	17.45	105	466291	0.978	ppbv		99
69) p-Isopropyltoluene	17.81	119	372413	0.966	ppbv		98
70) n-Butylbenzene	18.71	91	402137	0.953	ppbv		99
71) 2-Chlorotoluene	15.61	91	295748	0.988	ppbv		99
72) 4-Ethyltoluene	15.99	105	151585	0.494	ppbv	#	56
73) 1,3,5-Trimethylbenzene	16.16	105	279845	0.950	ppbv		95
74) 1,2,4-Trimethylbenzene	16.92	105	305156	0.985	ppbv		95
75) 1,3-Dichlorobenzene	17.16	146	181532	1.002	ppbv		99
76) 1,4-Dichlorobenzene	17.30	146	172851	0.963	ppbv		99
77) 1,2-Dichlorobenzene	17.98	146	171770	0.977	ppbv		100
78) Hexachloro-1,3-Butadiene	23.54	225	135471	1.089	ppbv		98
79) Naphthalene	22.41	128	258805	0.683	ppbv		96
80) Naphthalene,2-methyl-	25.11	142	19929	0.176	ppbv		94
81) 1,2,4-Trichlorobenzene	22.13	180	62061	0.326	ppbv	#	6

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

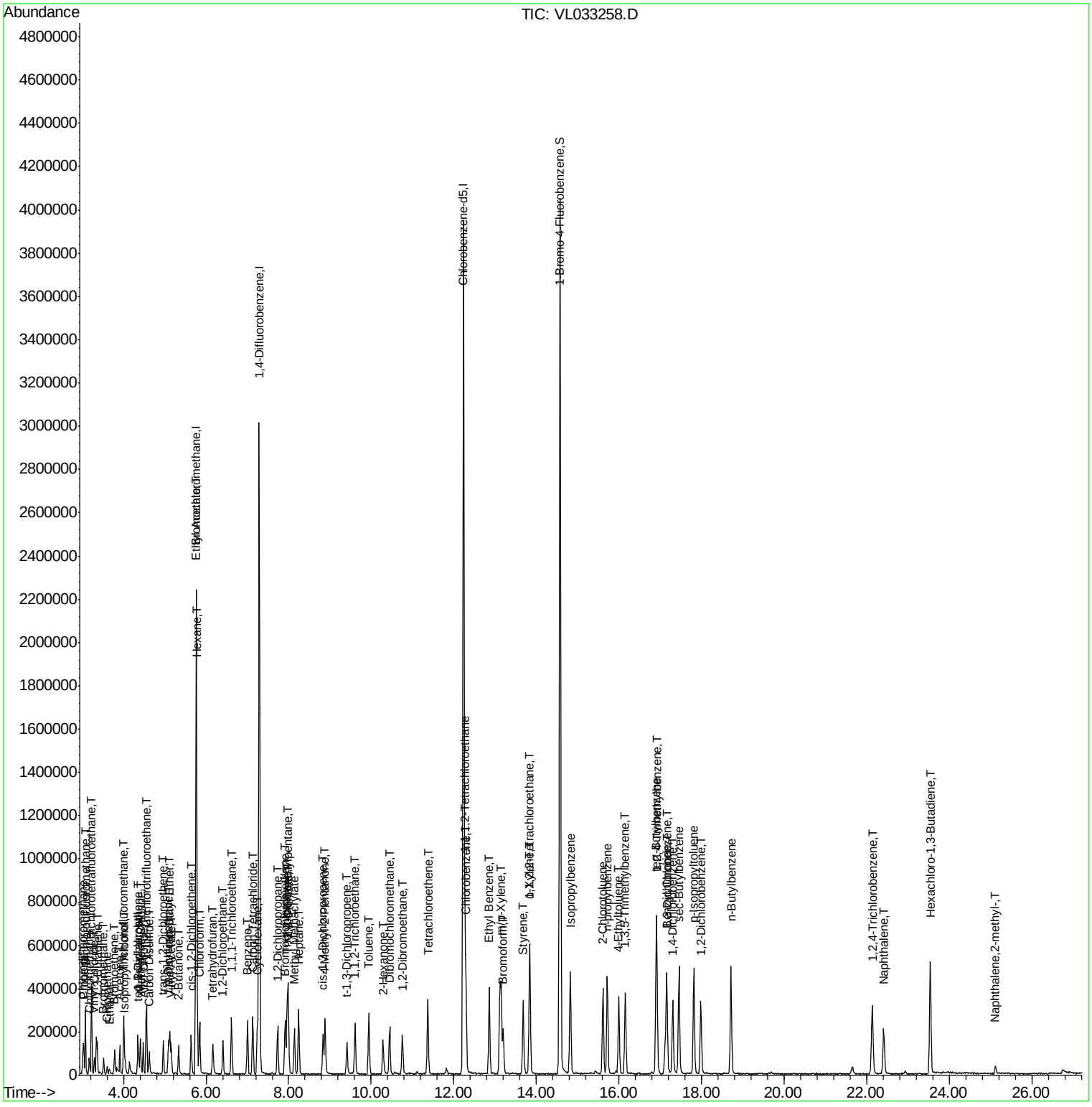
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030819\

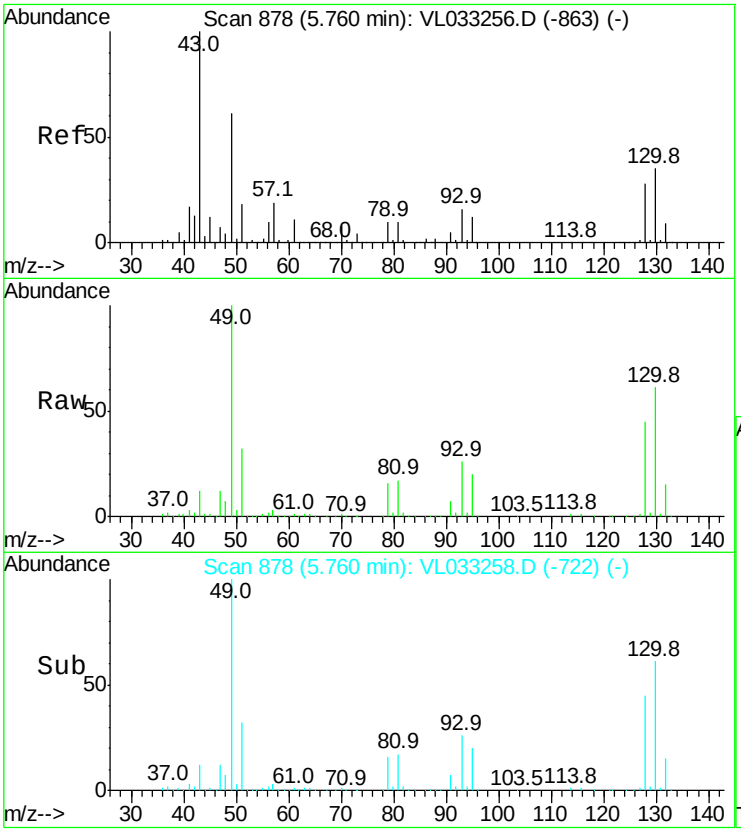
Quantitation Report (Not Reviewed)

Data File : VL033258.D
Acq On : 8 Mar 2019 14:04
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 08 16:15:51 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



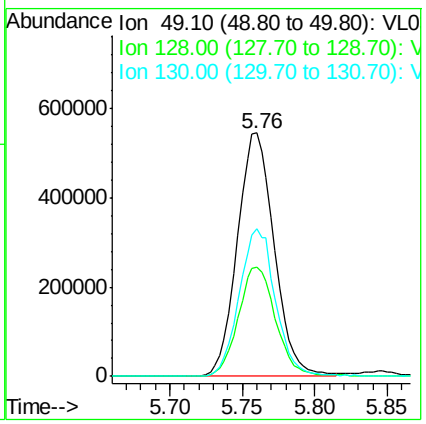


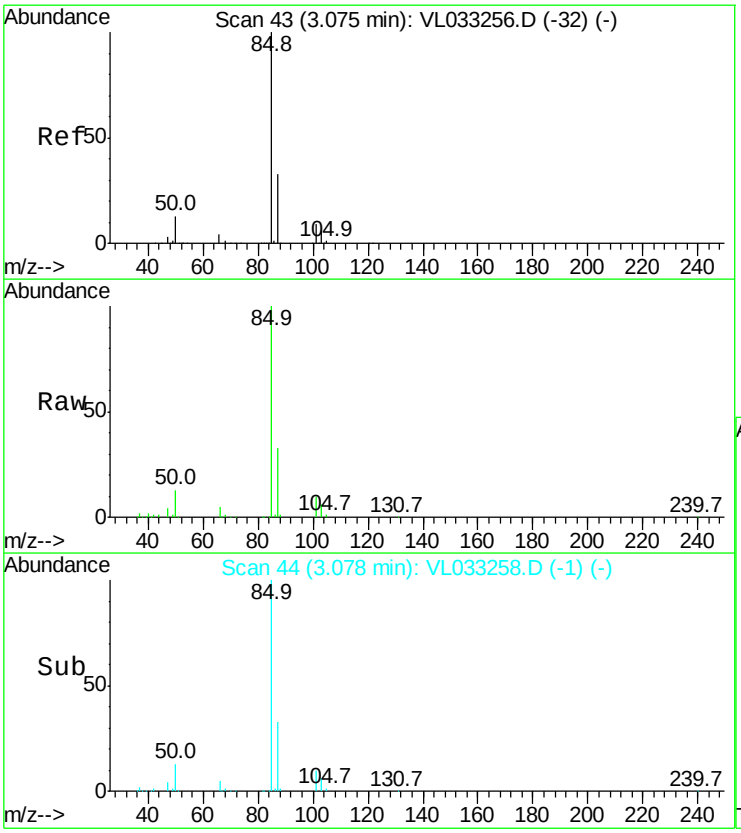
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 966416

Ion	Ratio	Lower	Upper
49	100		
128	45.8	22.5	67.5
130	60.0	29.1	87.4

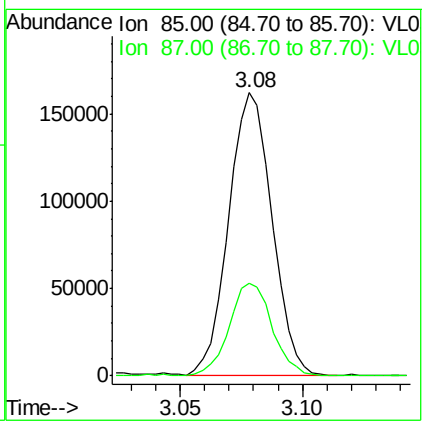


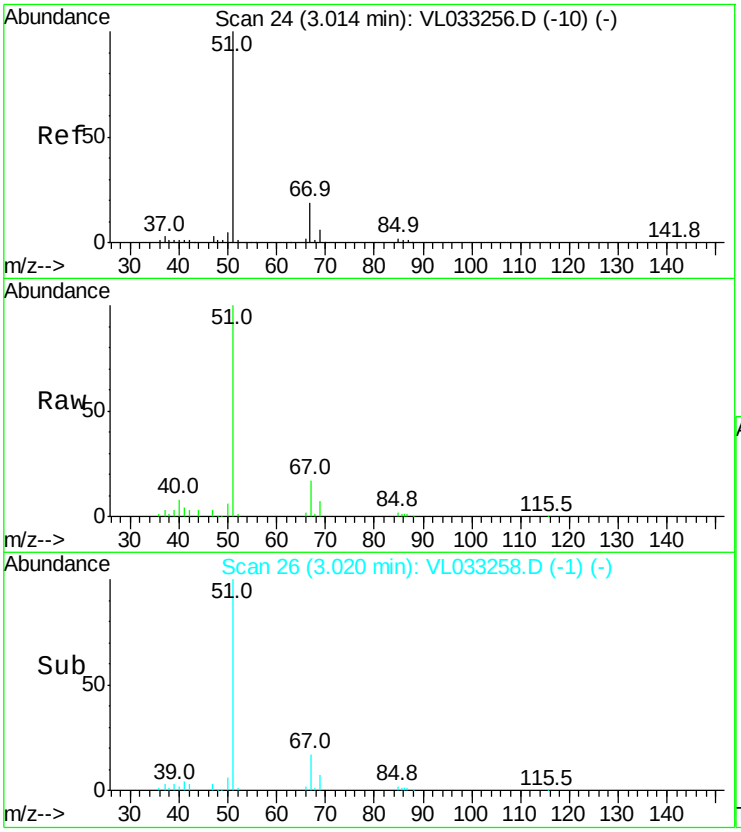


#2
Dichlorodifluoromethane
Concen: 1.454 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 85 Resp: 198561

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.4



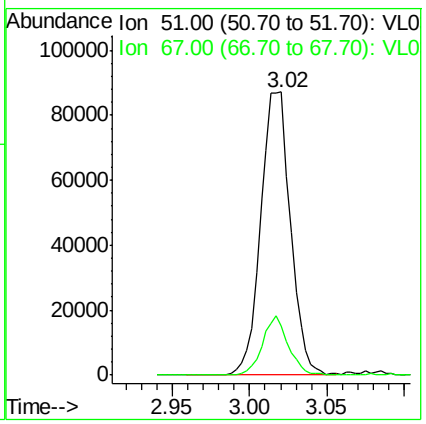


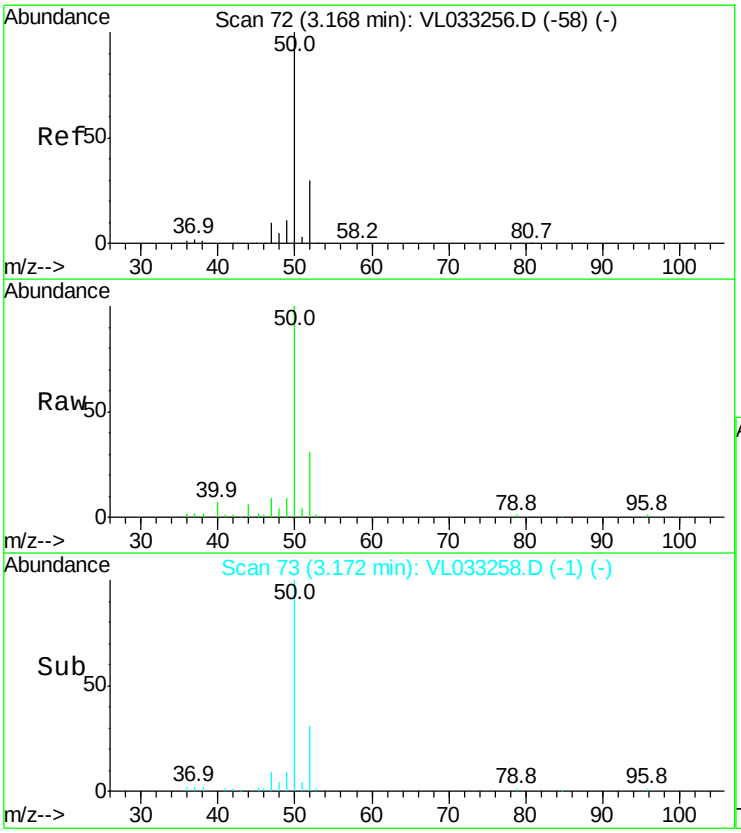
#3
Chlorodifluoromethane
Concen: 1.044 ppbv
RT: 3.02 min Scan# 26
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 115467

Ion	Ratio	Lower	Upper
51	100		
67	18.3	15.0	22.6

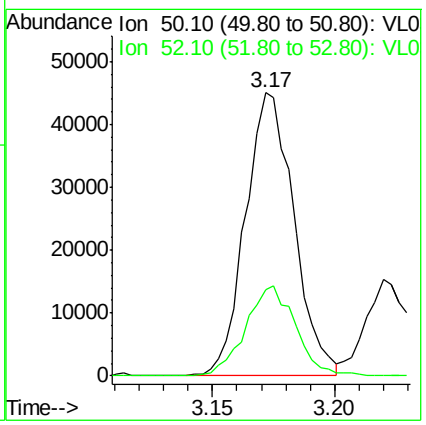


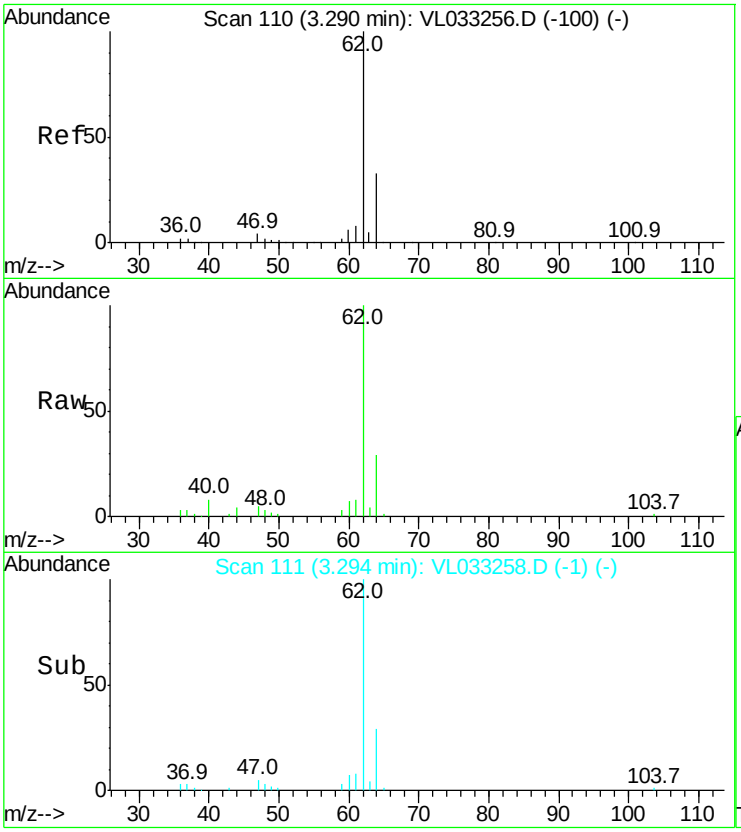


#4
Chloromethane
Concen: 1.089 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 50 Resp: 62007

Ion	Ratio	Lower	Upper
50	100		
52	31.1	24.2	36.2



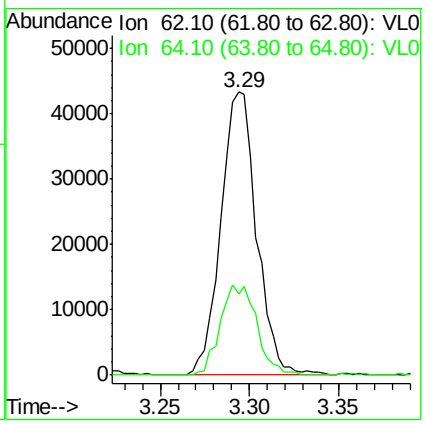


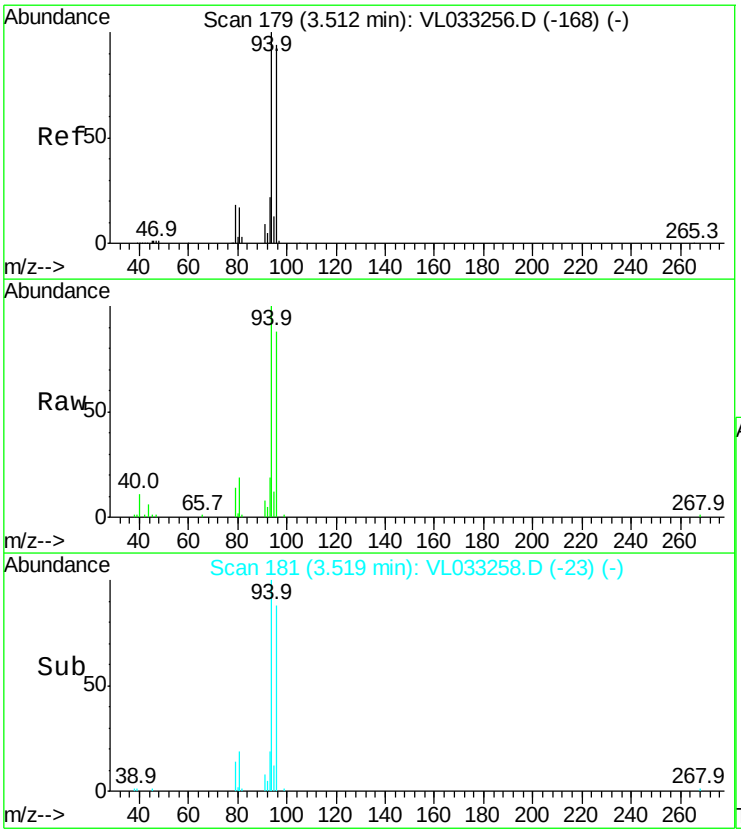
#5
Vinyl Chloride
Concen: 0.942 ppbv
RT: 3.29 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 60151

Ion	Ratio	Lower	Upper
62	100		
64	28.8	26.4	39.6

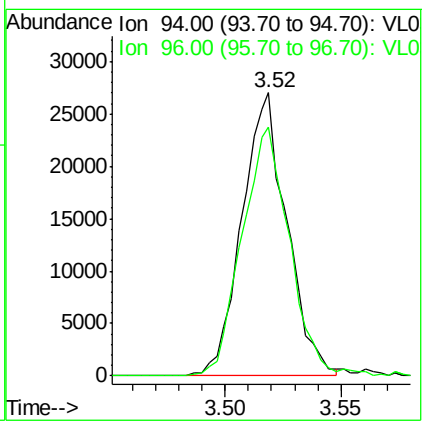


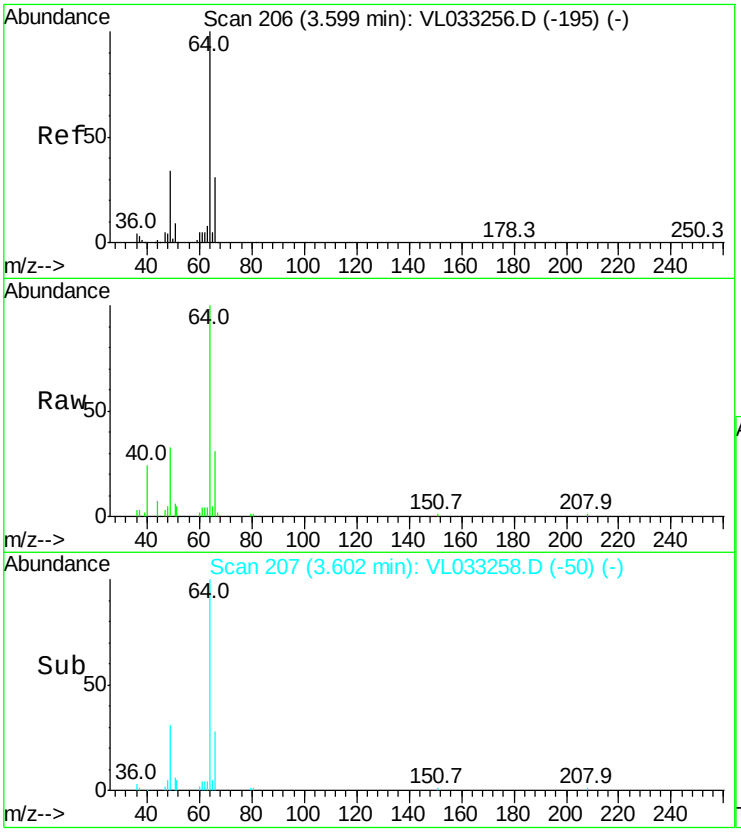


#6
Bromomethane
Concen: 0.997 ppbv
RT: 3.52 min Scan# 181
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 94 Resp: 36406

Ion	Ratio	Lower	Upper
94	100		
96	87.8	75.3	112.9



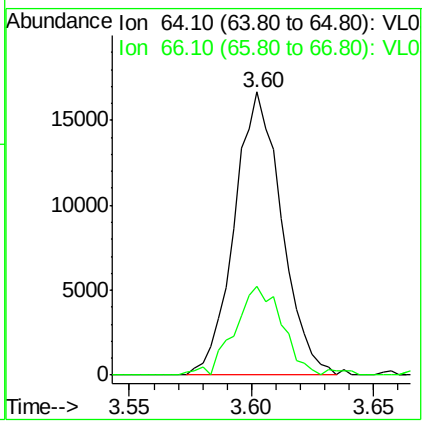


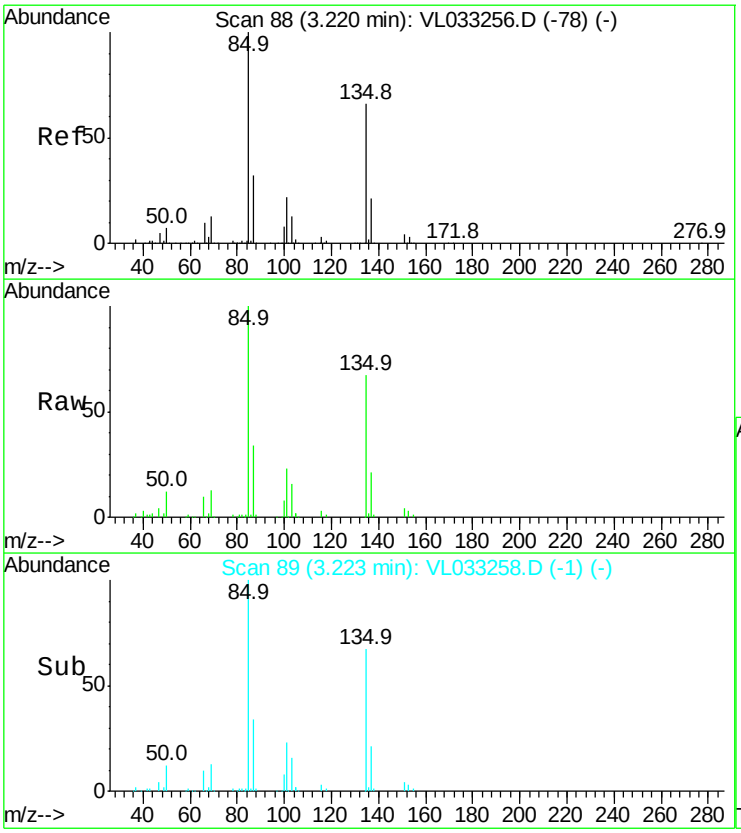
#7
Chloroethane
Concen: 1.051 ppbv
RT: 3.60 min Scan# 207
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 22419

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.2	37.8

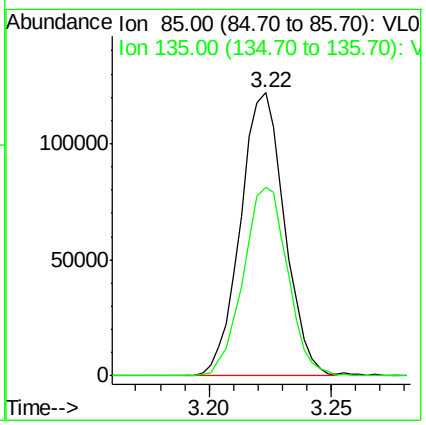


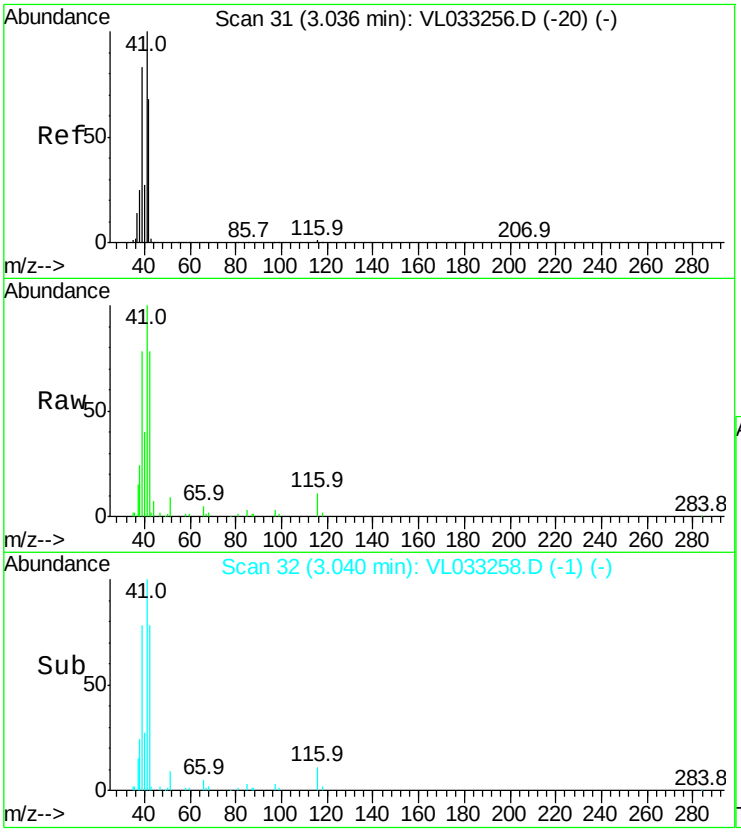


#8
Dichlorotetrafluoroethane
Concen: 1.131 ppbv
RT: 3.22 min Scan# 89
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 85 Resp: 152613

Ion	Ratio	Lower	Upper
85	100		
135	67.2	52.3	78.5



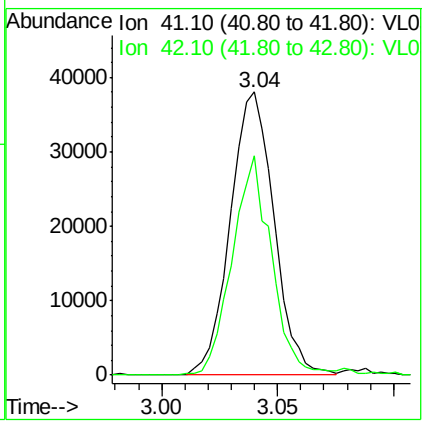


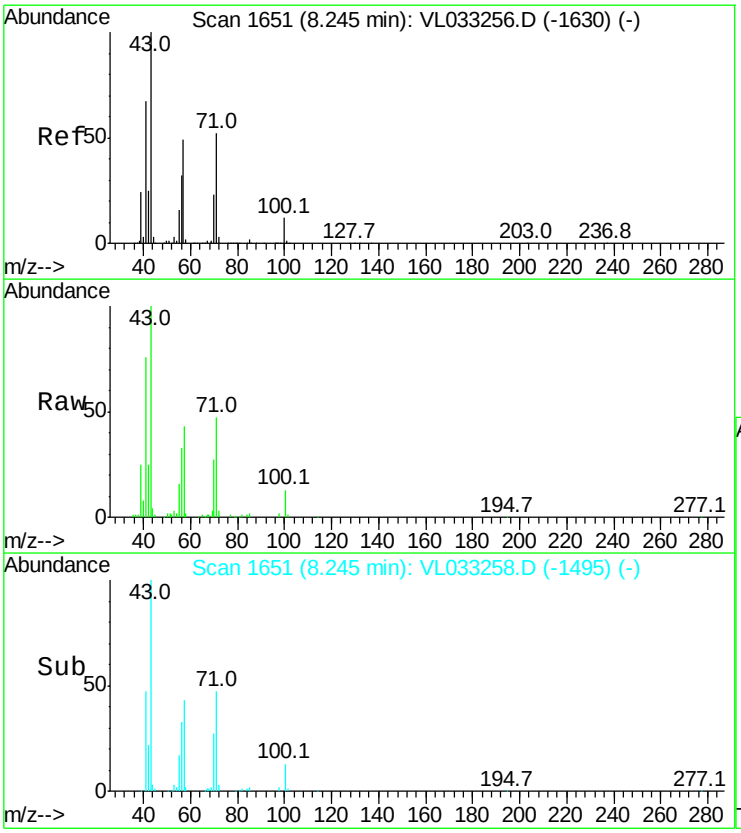
#9
Propene
Concen: 1.012 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 49871

Ion	Ratio	Lower	Upper
41	100		
42	70.7	55.2	82.8

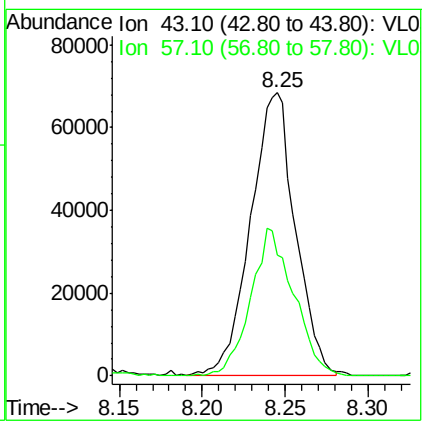


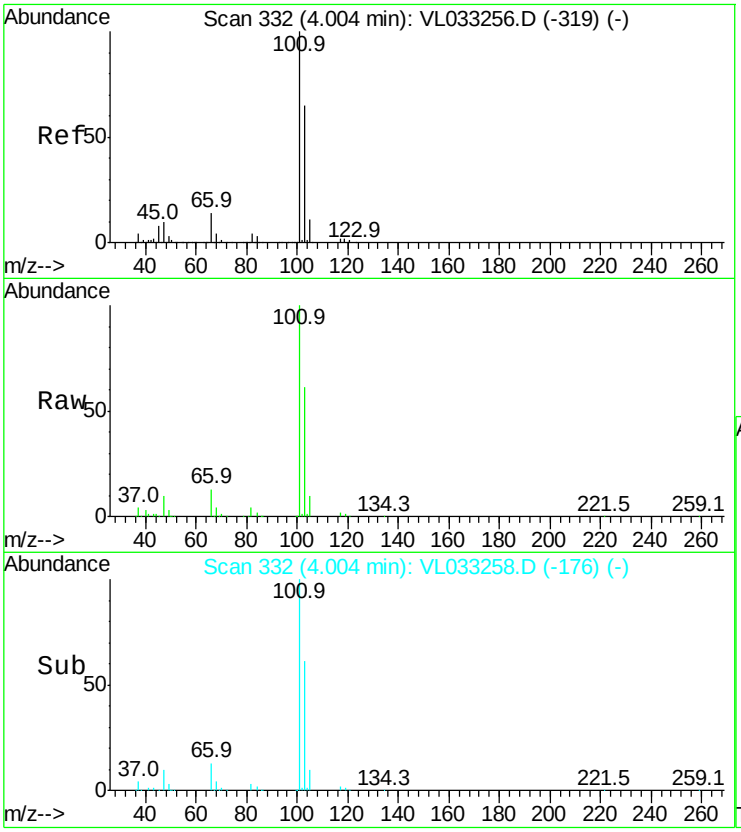


#10
Heptane
Concen: 0.953 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 43 Resp: 127845

Ion	Ratio	Lower	Upper
43	100		
57	50.6	40.0	60.0



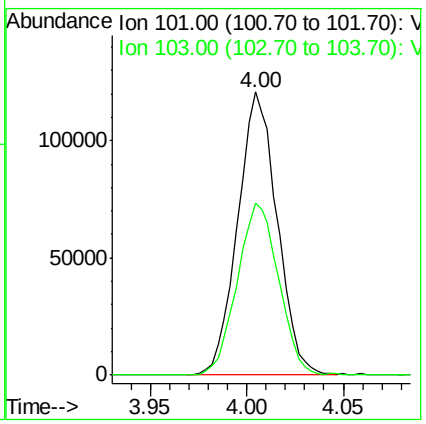


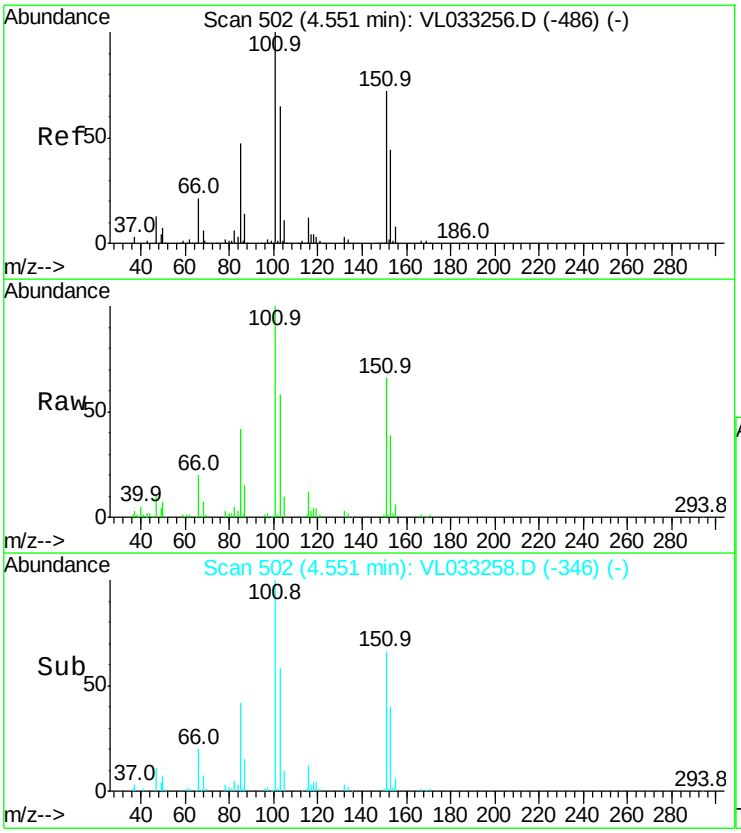
#11
Trichlorofluoromethane
Concen: 1.067 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 171047

Ion	Ratio	Lower	Upper
101	100		
103	60.9	51.9	77.9

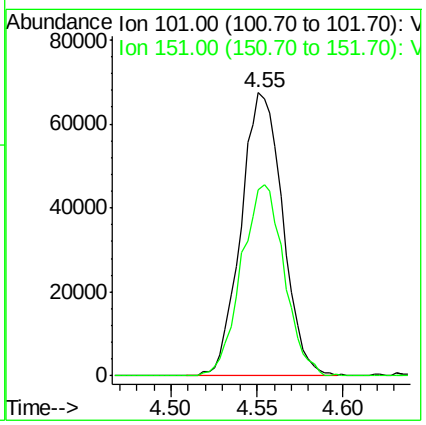


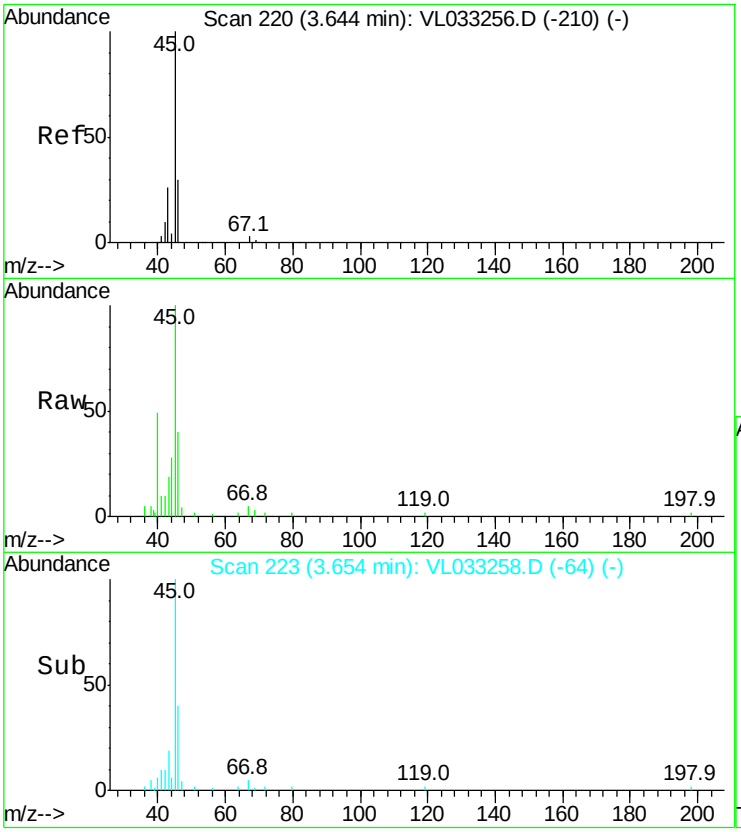


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.087 ppbv
RT: 4.55 min Scan# 502
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:101 Resp: 112962

Ion	Ratio	Lower	Upper
101	100		
151	69.4	57.2	85.8



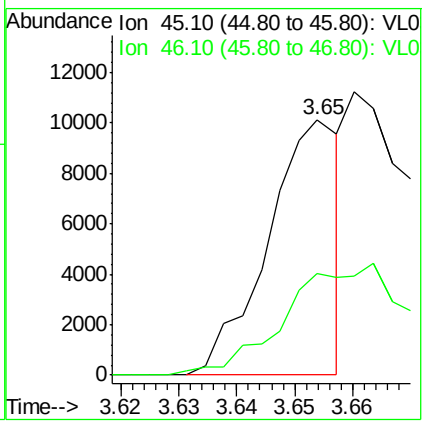


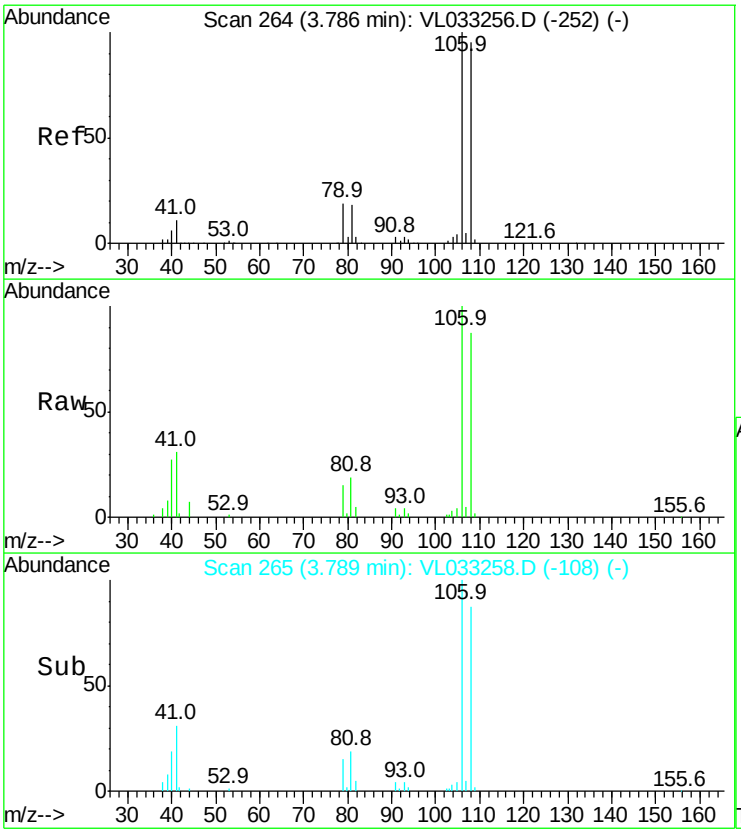
#13
Ethanol
Concen: 0.593 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 45 Resp: 8739

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

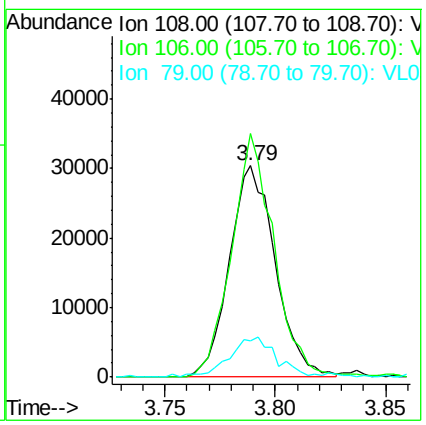


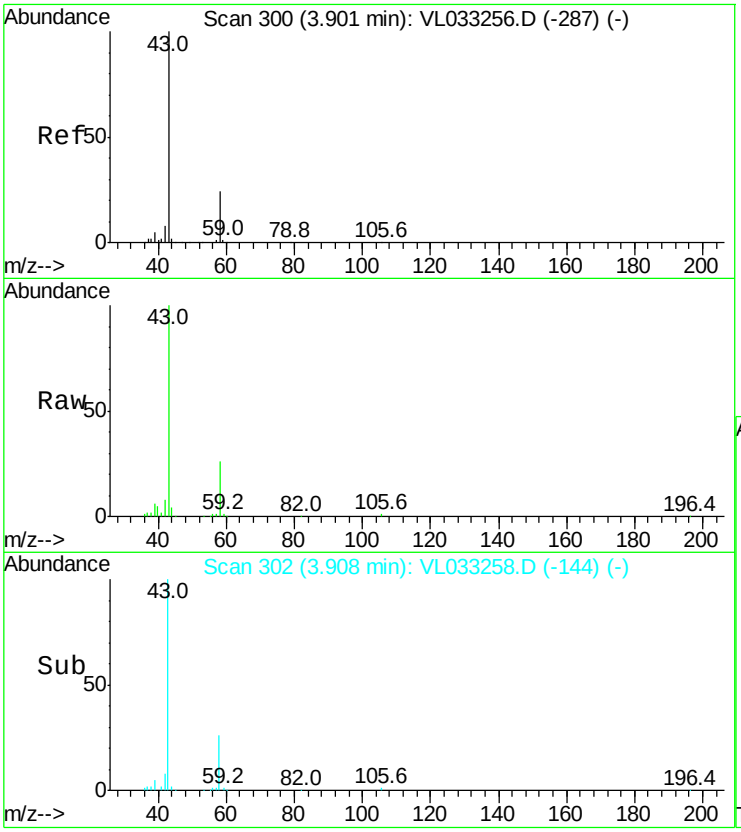


#14
Bromoethene
Concen: 1.007 ppbv
RT: 3.79 min Scan# 265
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:108 Resp: 44094

Ion	Ratio	Lower	Upper
108	100		
106	107.1	86.9	130.3
79	20.2	15.8	23.6



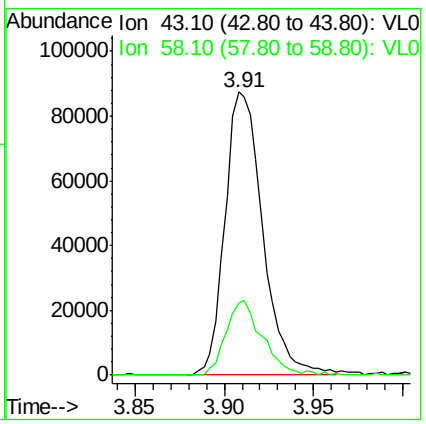


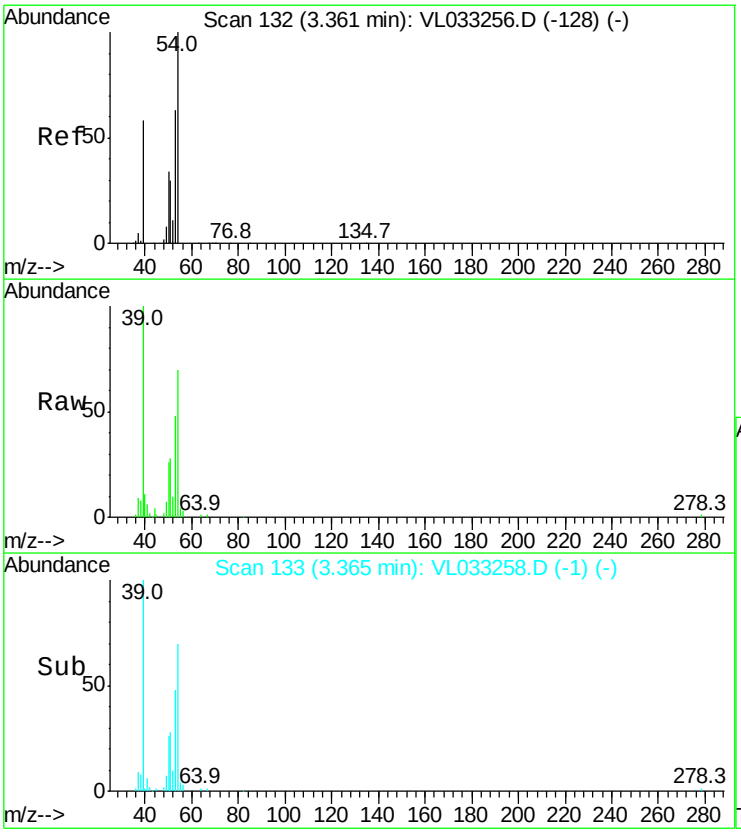
#15
Acetone
Concen: 1.038 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 129109

Ion	Ratio	Lower	Upper
43	100		
58	25.5	20.2	30.2

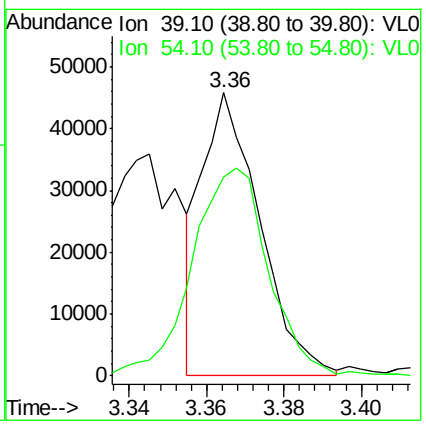


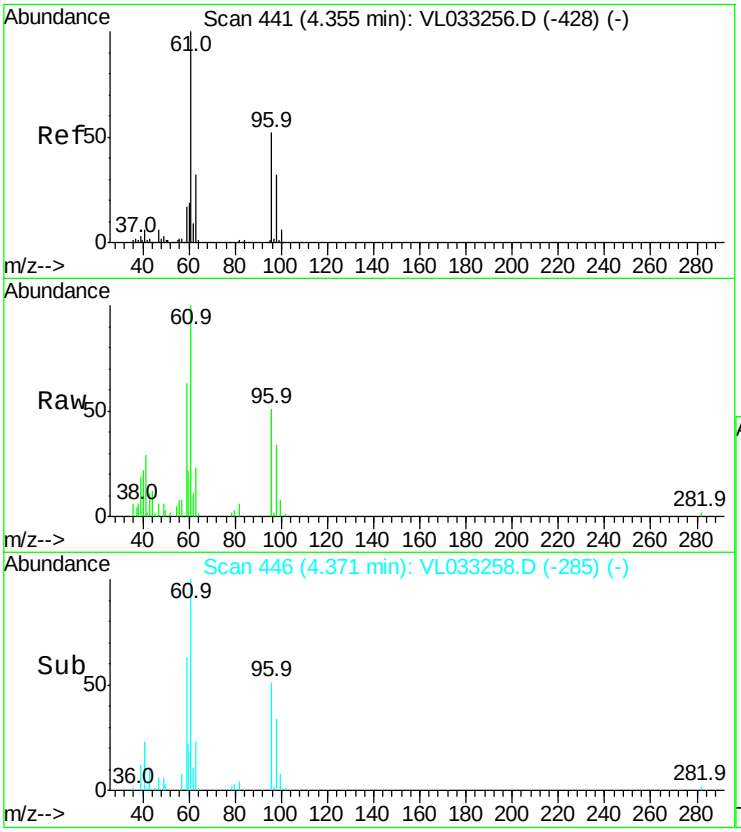


#16
1,3-Butadiene
Concen: 0.956 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 39 Resp: 47491

Ion	Ratio	Lower	Upper
39	100		
54	98.1	68.6	103.0



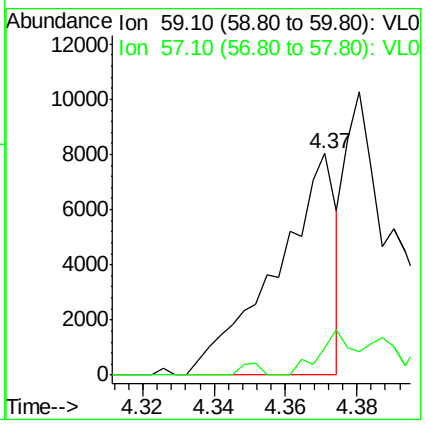


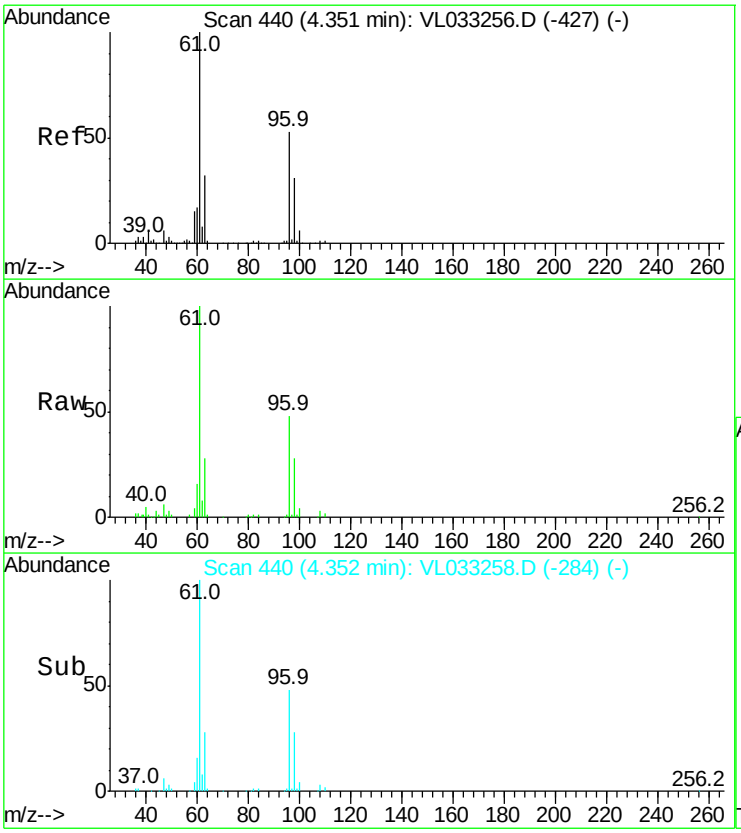
#17
tert-Butyl alcohol
Concen: 0.459 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.02 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 59 Resp: 9300

Ion	Ratio	Lower	Upper
59	100		
57	24.2	7.2	10.8#

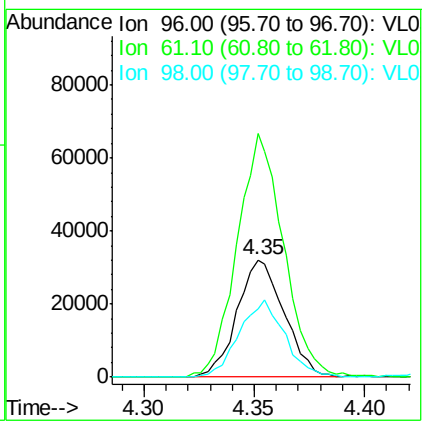


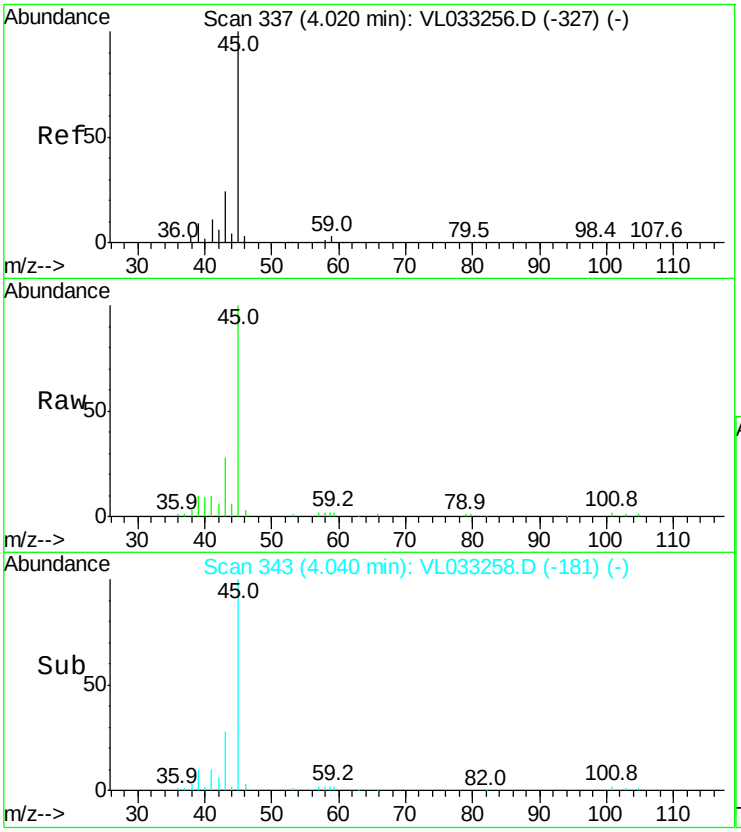


#18
1,1-Dichloroethene
Concen: 1.027 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 96 Resp: 47502

Ion	Ratio	Lower	Upper
96	100		
61	207.0	150.6	226.0
98	58.6	47.0	70.4



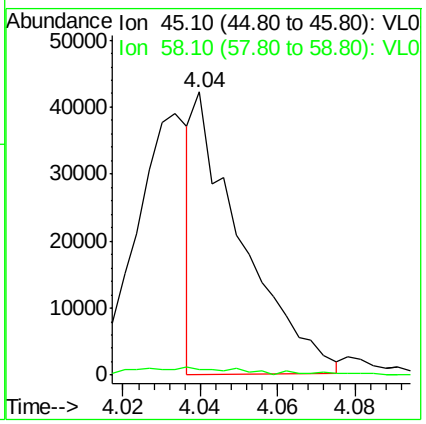


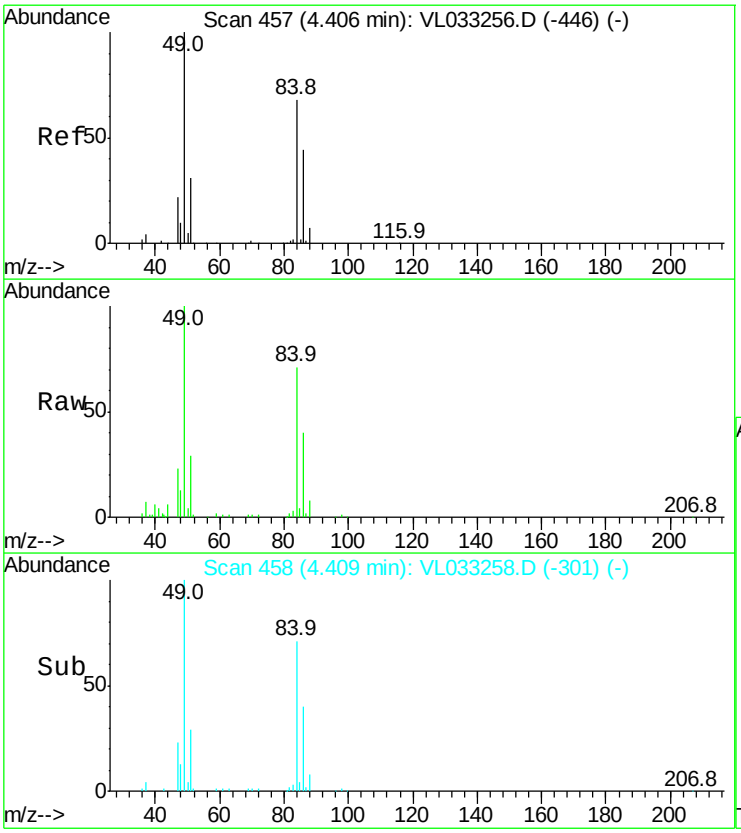
#19
Isopropyl Alcohol
Concen: 0.488 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.02 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 45 Resp: 36086

Ion	Ratio	Lower	Upper
45	100		
58	7.8	1.5	2.3#

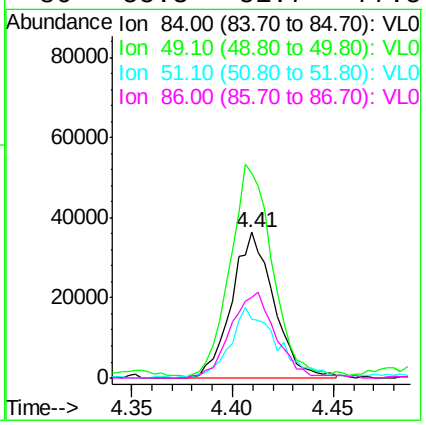


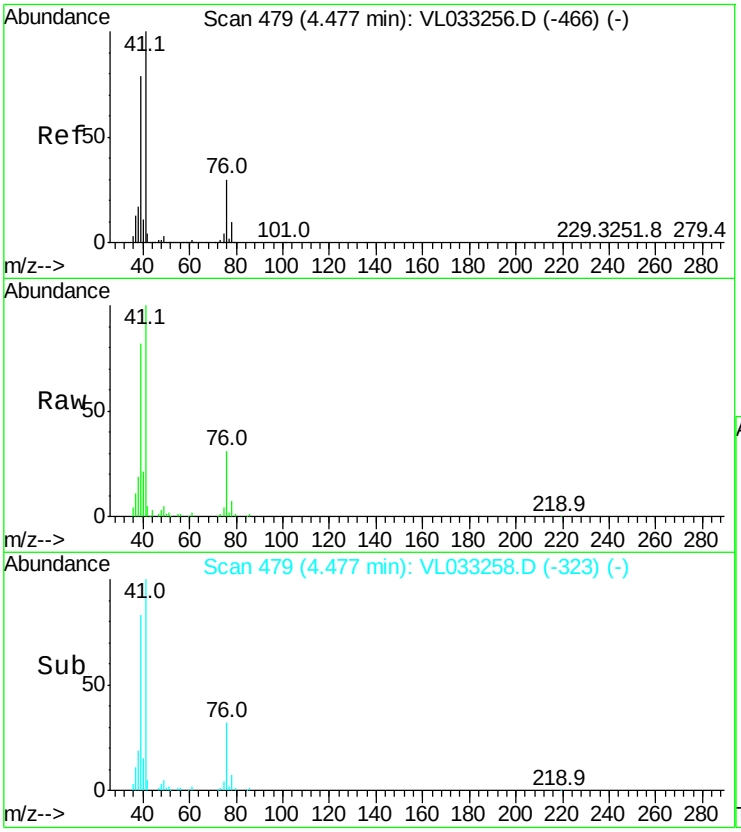


#20
Methylene Chloride
Concen: 1.130 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 84 Resp: 53276

Ion	Ratio	Lower	Upper
84	100		
49	139.4	117.8	176.6
51	39.9	36.9	55.3
86	55.3	51.7	77.5



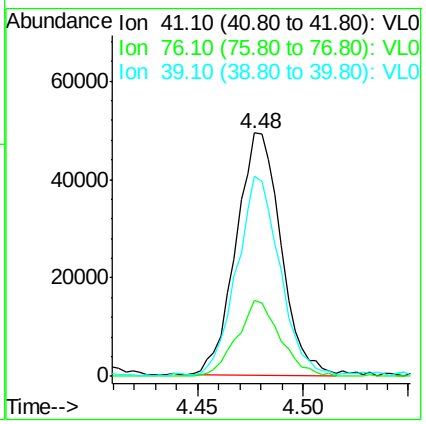


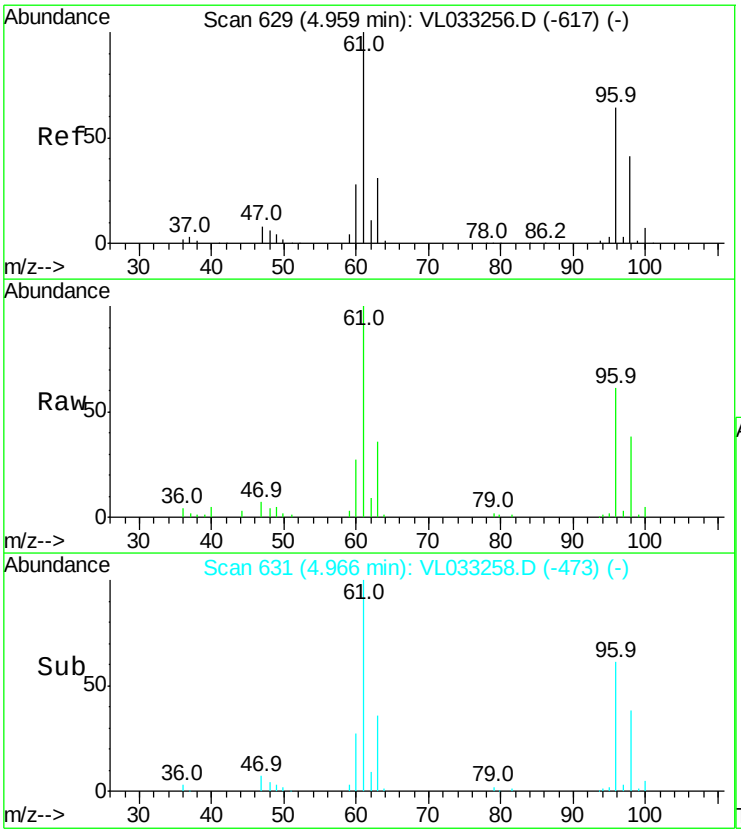
#21
Allyl Chloride
Concen: 1.051 ppbv
RT: 4.48 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 41 Resp: 72954

Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.5	36.7
39	80.4	65.3	97.9

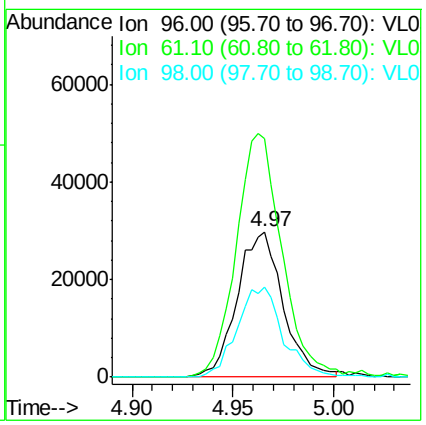


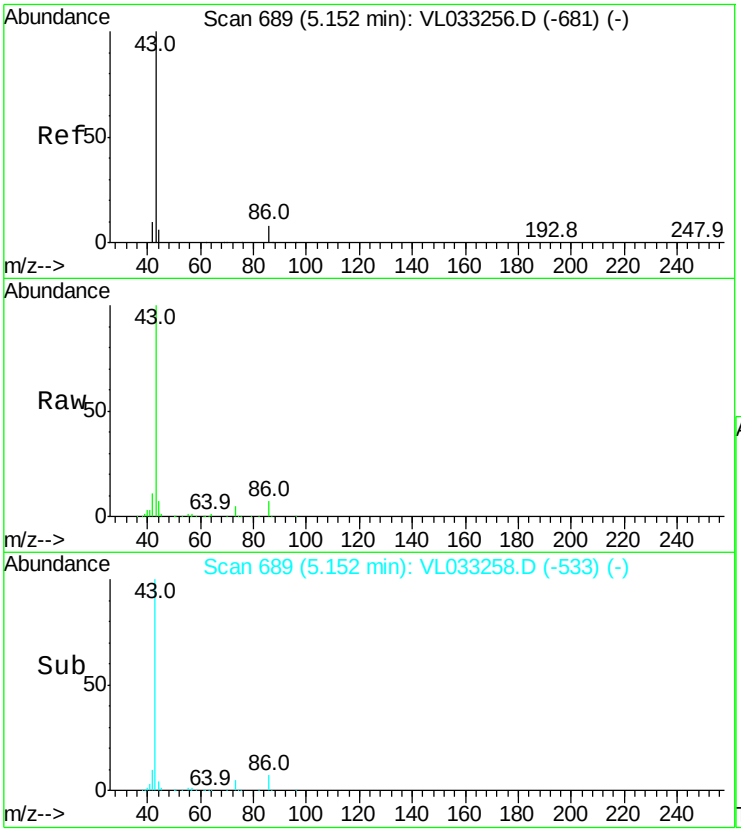


#22
trans-1,2-Dichloroethene
Concen: 1.004 ppbv
RT: 4.97 min Scan# 631
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 96 Resp: 47402

Ion	Ratio	Lower	Upper
96	100		
61	163.8	125.7	188.5
98	61.6	52.1	78.1



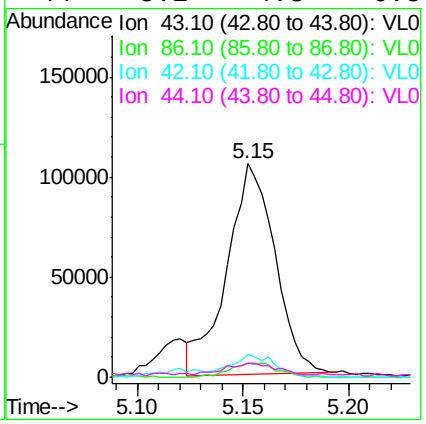


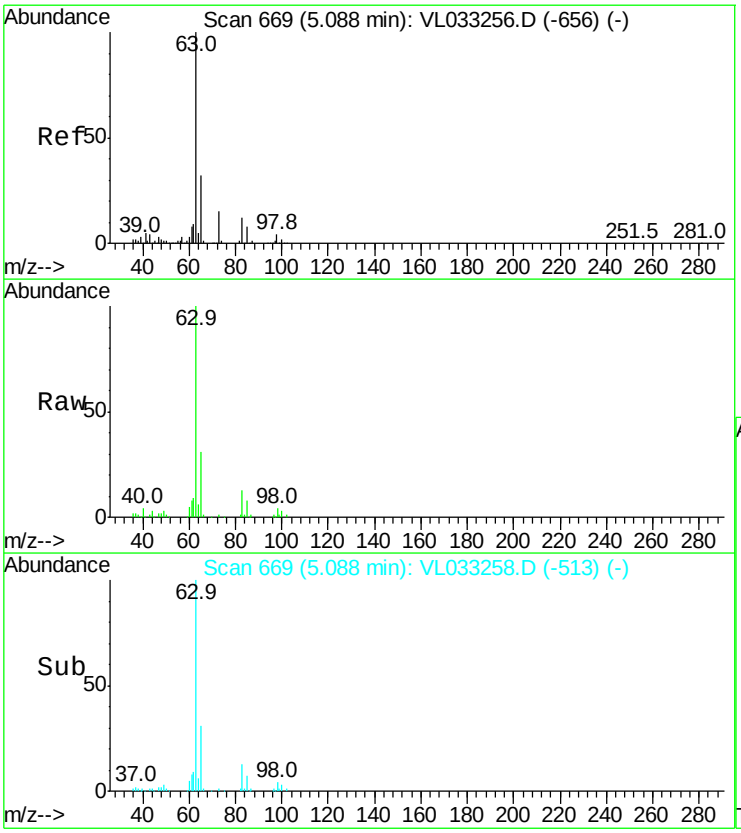
#23
Vinyl Acetate
Concen: 0.912 ppbv
RT: 5.15 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 167223

Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.6	8.4
42	10.7	8.1	12.1
44	5.2	4.3	6.5

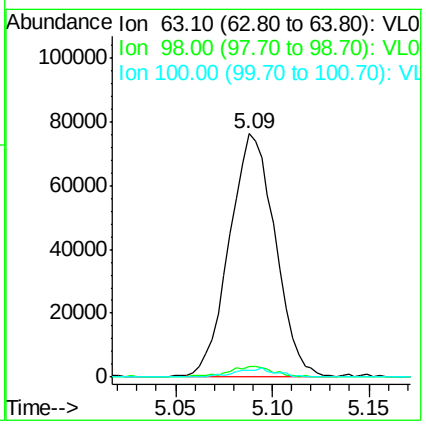


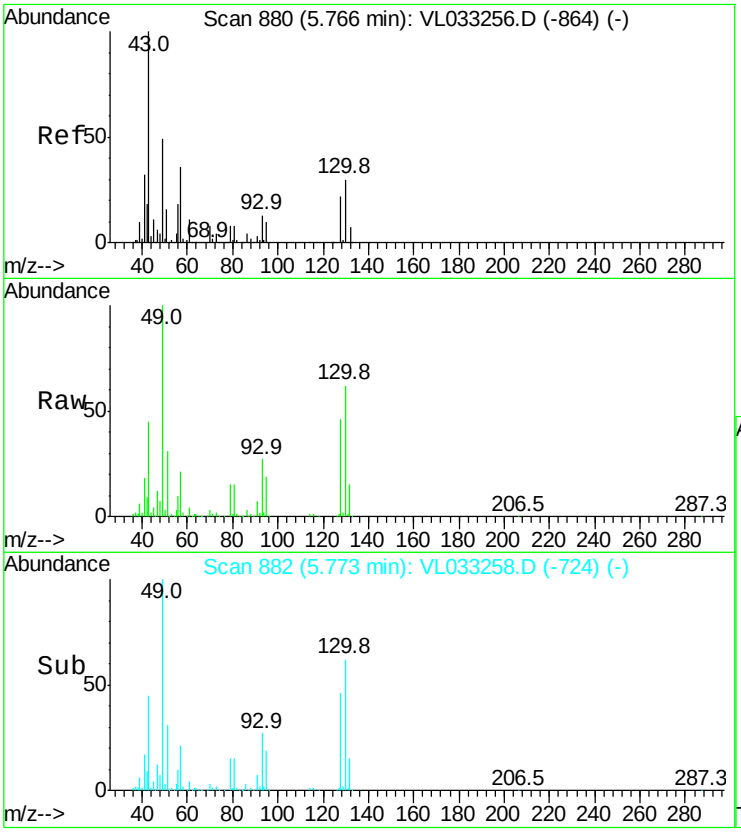


#24
1,1-Dichloroethane
Concen: 0.961 ppbv
RT: 5.09 min Scan# 669
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 63 Resp: 125654

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.1	6.2
100	3.0	1.3	3.8



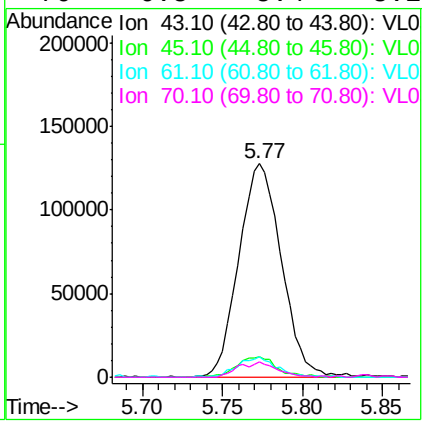


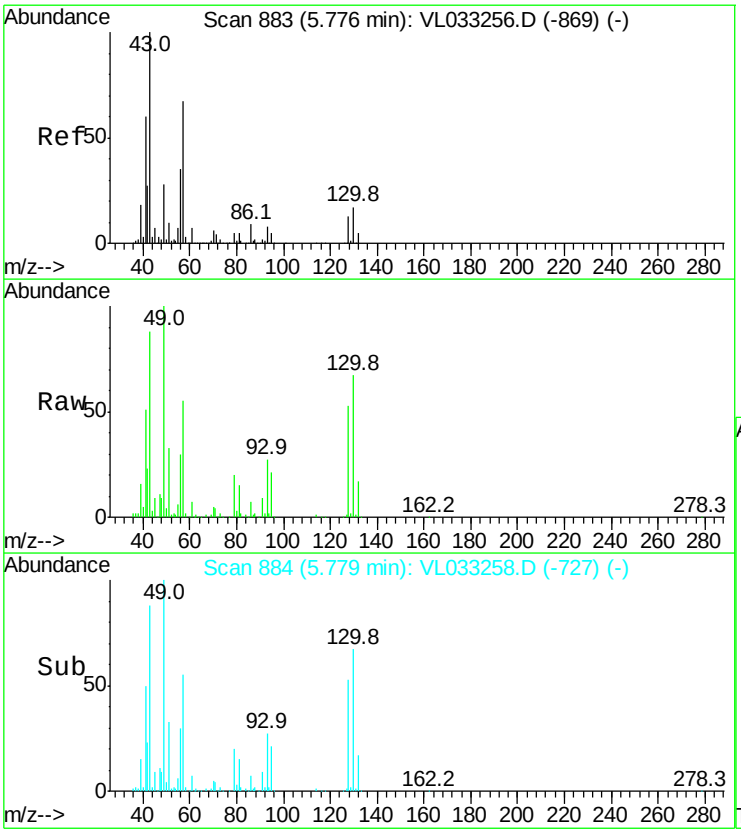
#25
Ethyl Acetate
Concen: 1.017 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 231858

Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.8	11.8
61	9.3	7.4	11.0
70	6.5	5.4	8.2

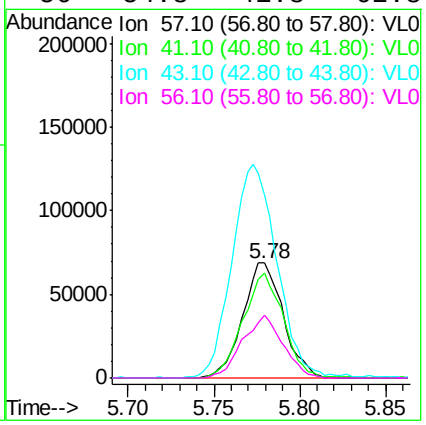


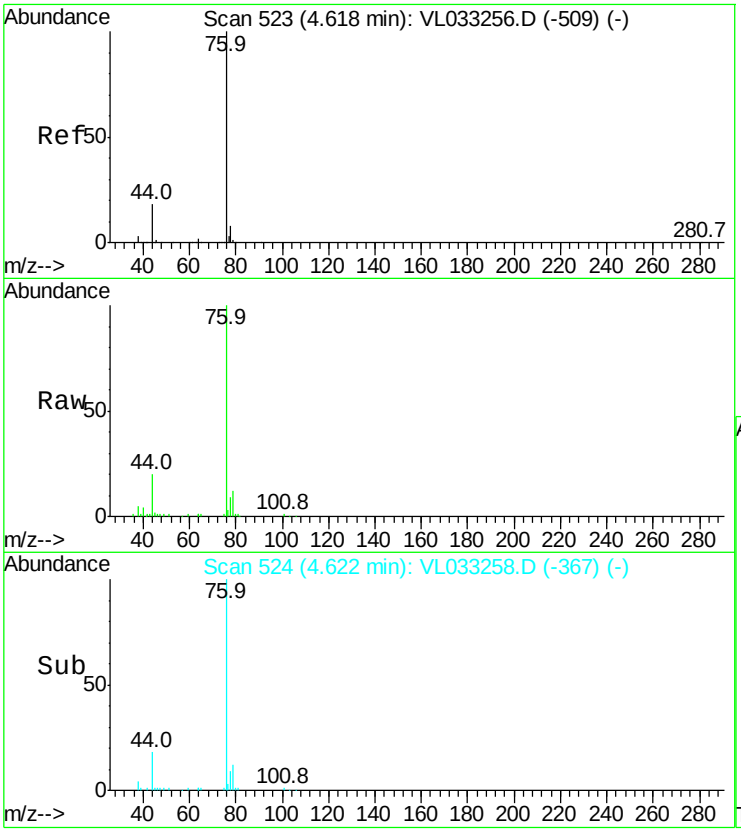


#26
Hexane
Concen: 1.050 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 57 Resp: 111906

Ion	Ratio	Lower	Upper
57	100		
41	92.1	72.2	108.4
43	210.5	179.0	268.4
56	54.8	41.8	62.8



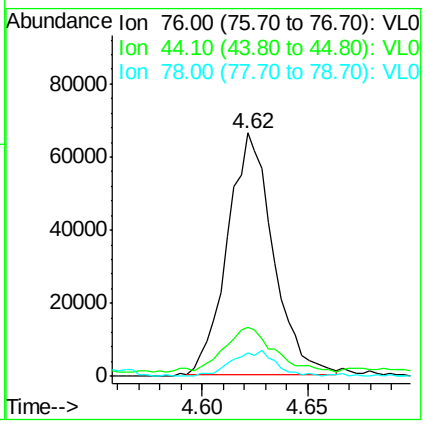


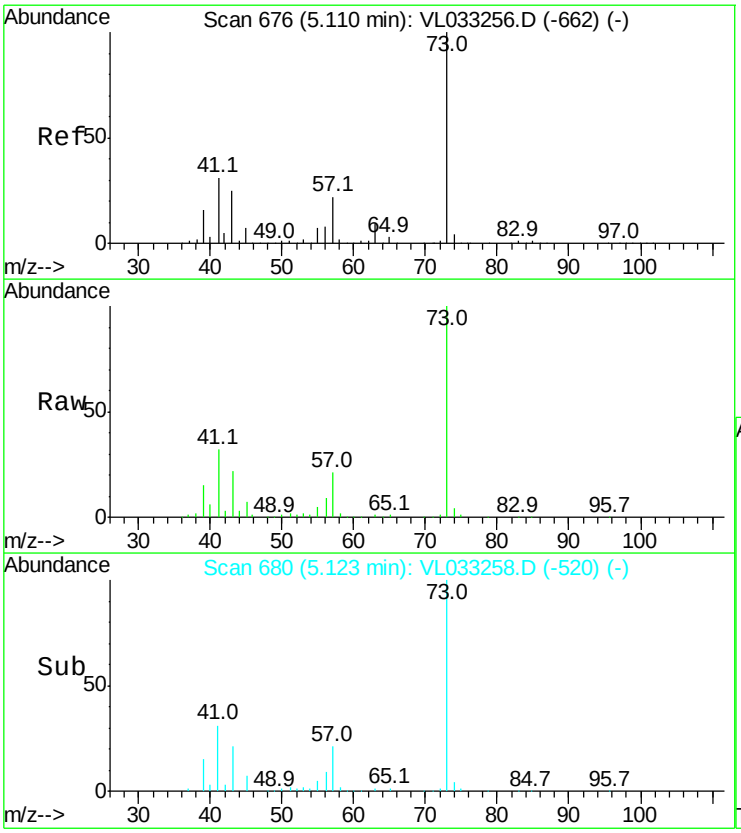
#27
Carbon Disulfide
Concen: 0.970 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 99701

Ion	Ratio	Lower	Upper
76	100		
44	21.9	14.8	22.2
78	10.3	7.2	10.8

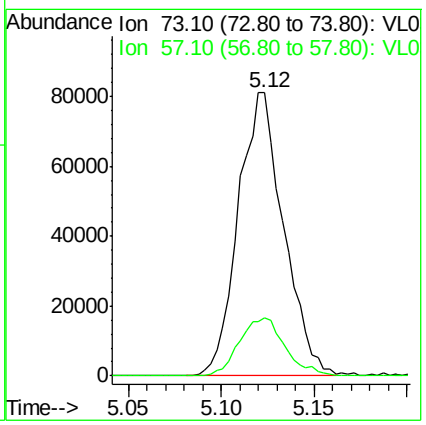


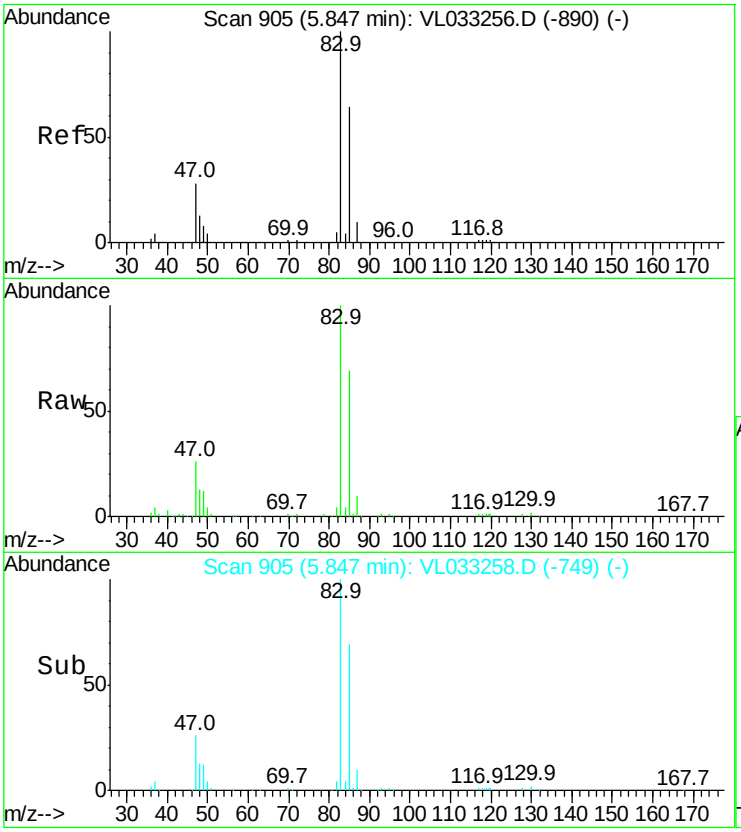


#28
Methyl tert-Butyl Ether
Concen: 0.938 ppbv
RT: 5.12 min Scan# 680
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 73 Resp: 137858

Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.7	26.5



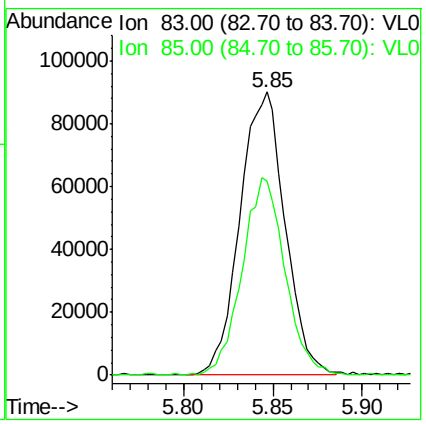


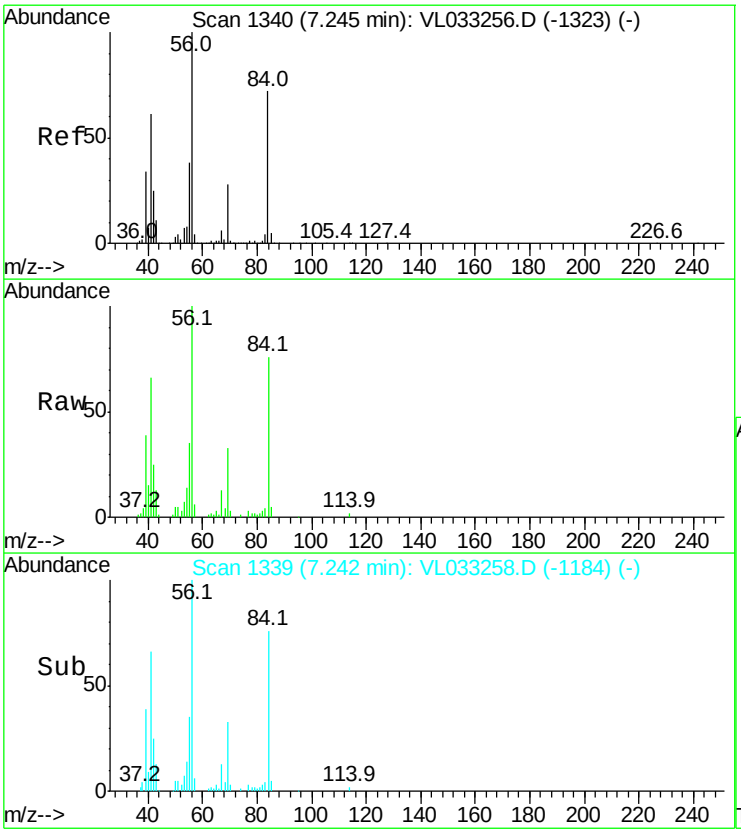
#29
Chloroform
Concen: 0.960 ppbv
RT: 5.85 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 159168

Ion	Ratio	Lower	Upper
83	100		
85	68.5	51.0	76.6

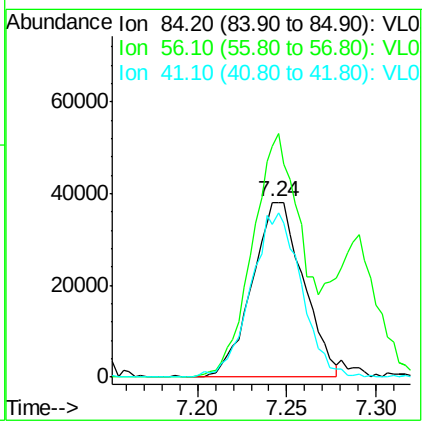


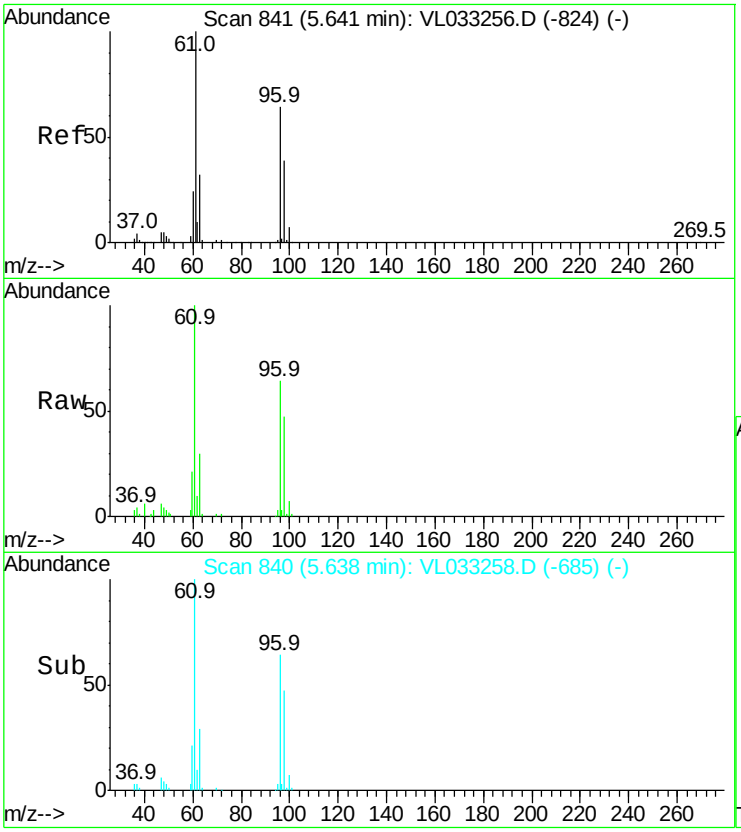


#30
Cyclohexane
Concen: 0.957 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 84 Resp: 76335

Ion	Ratio	Lower	Upper
84	100		
56	143.3	113.4	170.2
41	92.5	70.2	105.4



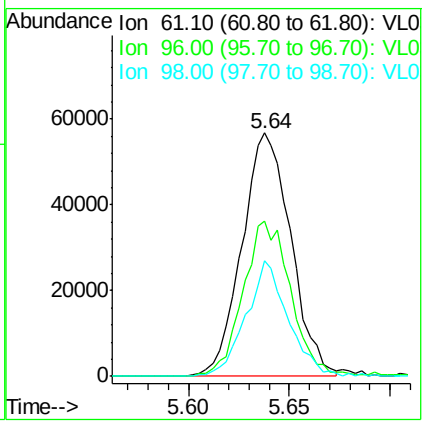


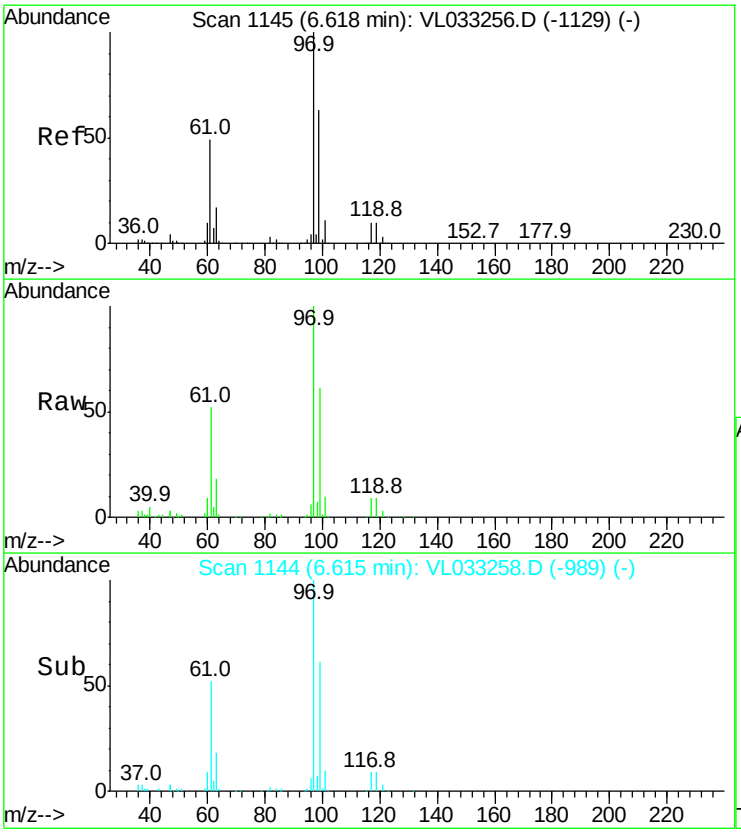
#31
cis-1,2-Dichloroethene
Concen: 0.937 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 96409

Ion	Ratio	Lower	Upper
61	100		
96	63.9	51.2	76.8
98	47.4	30.8	46.2#

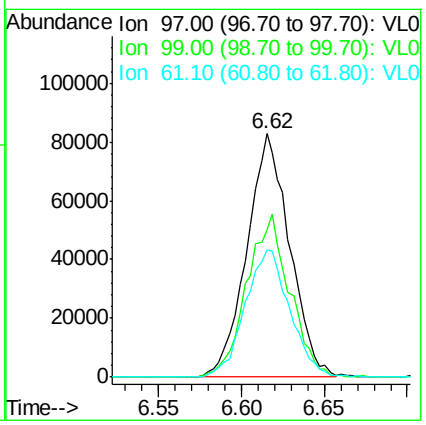


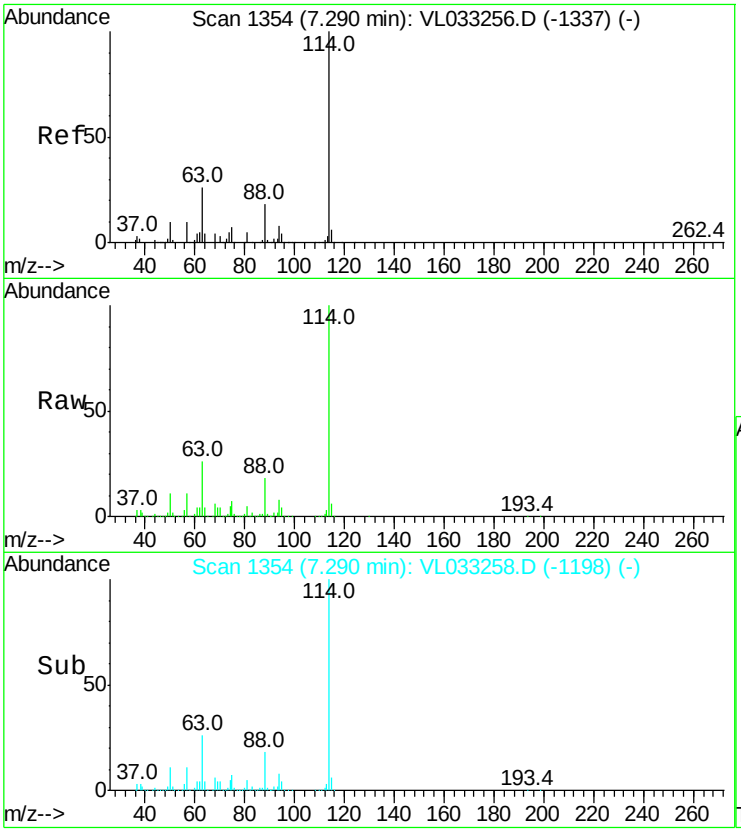


#32
1,1,1-Trichloroethane
Concen: 0.922 ppbv
RT: 6.62 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 97 Resp: 148315

Ion	Ratio	Lower	Upper
97	100		
99	67.0	51.6	77.4
61	54.6	40.8	61.2



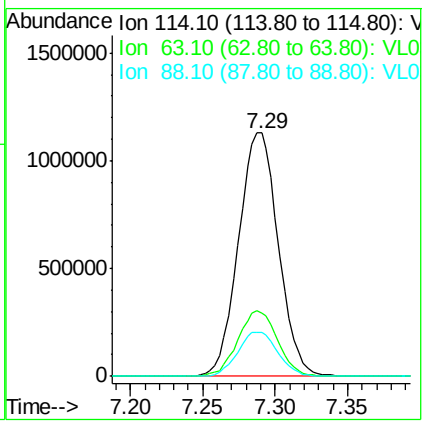


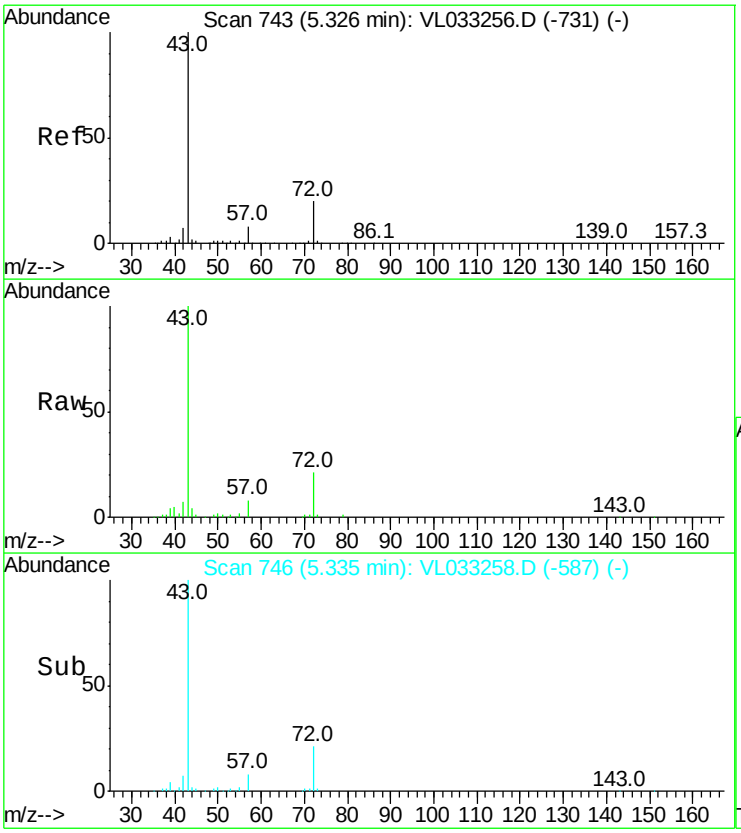
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:114 Resp: 2158596

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.2
88	18.3	14.6	22.0

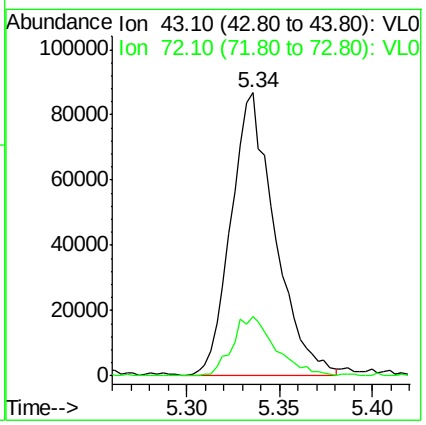


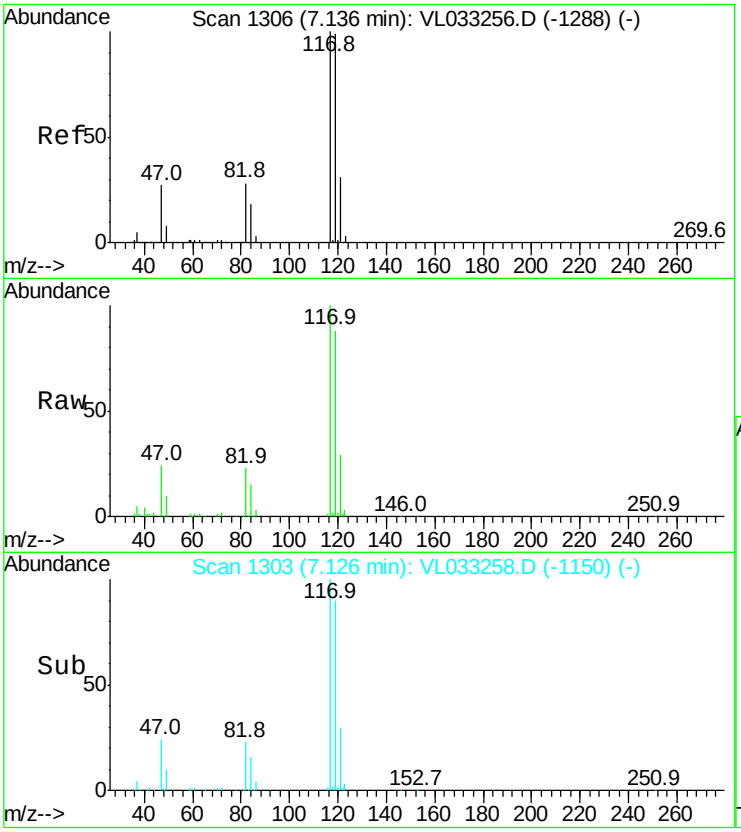


#34
2-Butanone
Concen: 0.952 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 43 Resp: 142371

Ion	Ratio	Lower	Upper
43	100		
72	20.8	16.9	25.3



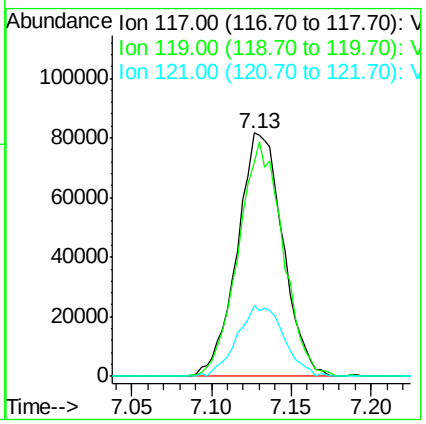


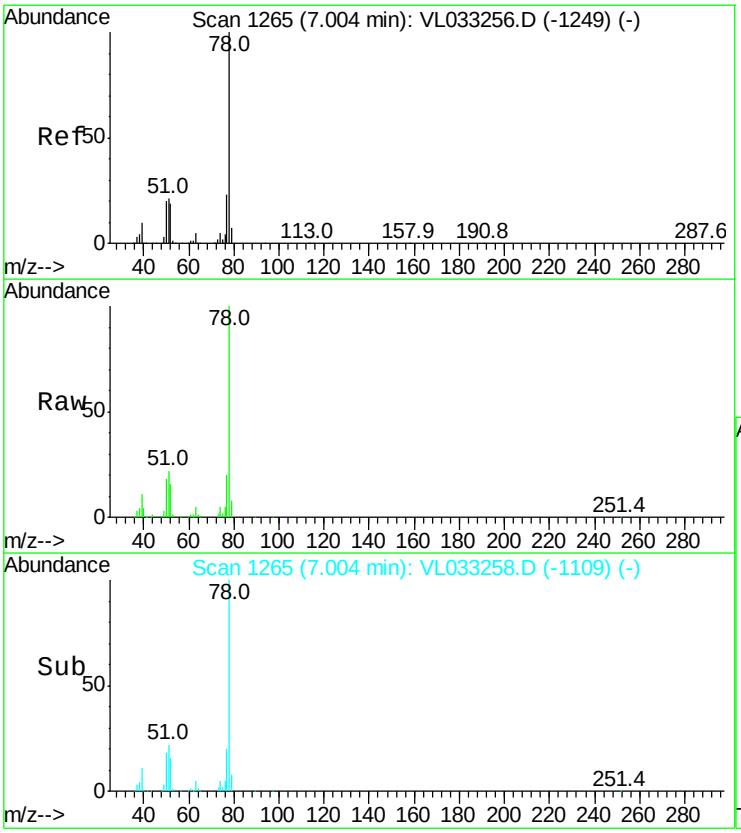
#35
Carbon Tetrachloride
Concen: 0.974 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:117 Resp: 158987

Ion	Ratio	Lower	Upper
117	100		
119	88.2	79.0	118.6
121	29.3	24.7	37.1

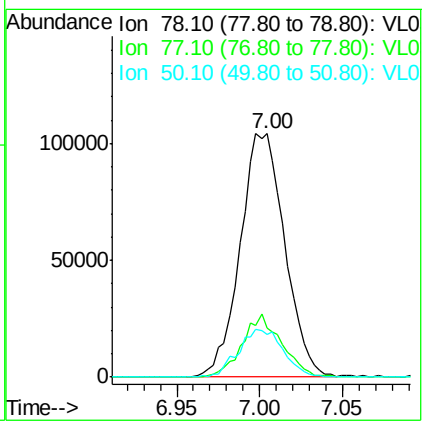


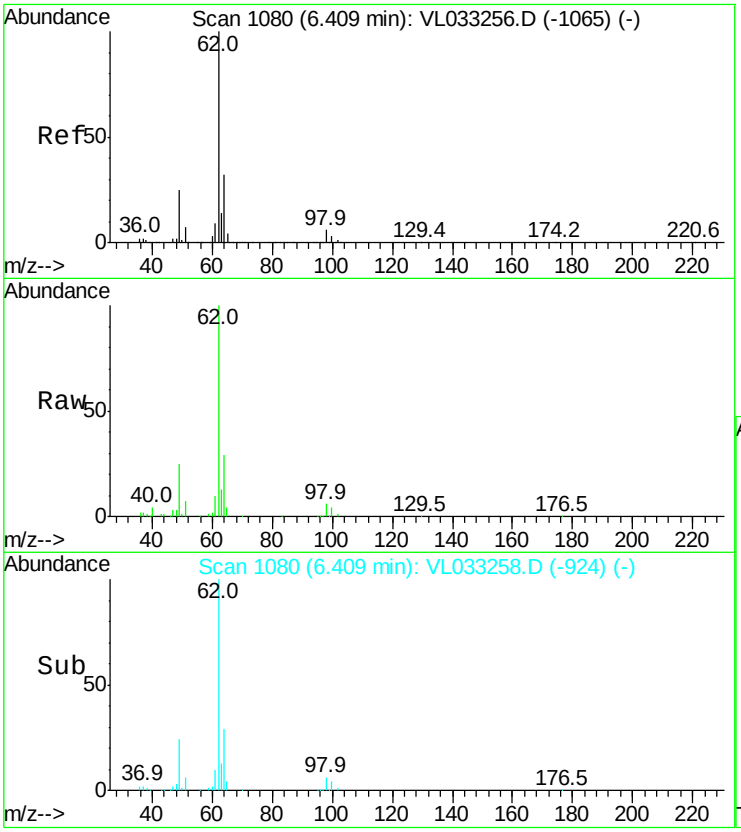


#36
Benzene
Concen: 0.962 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 78 Resp: 194859

Ion	Ratio	Lower	Upper
78	100		
77	20.2	18.2	27.2
50	17.6	16.2	24.2



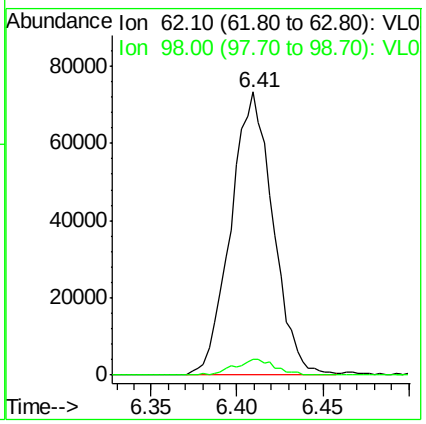


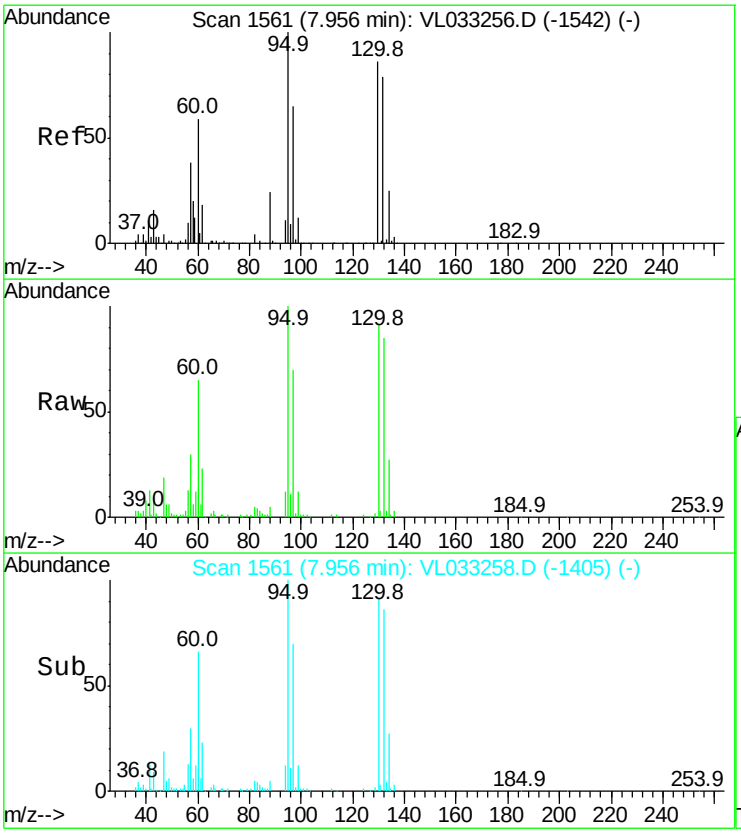
#37
1,2-Dichloroethane
Concen: 0.994 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 125346

Ion	Ratio	Lower	Upper
62	100		
98	5.3	4.5	6.7

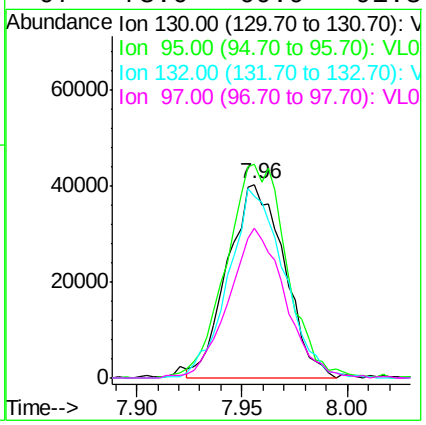


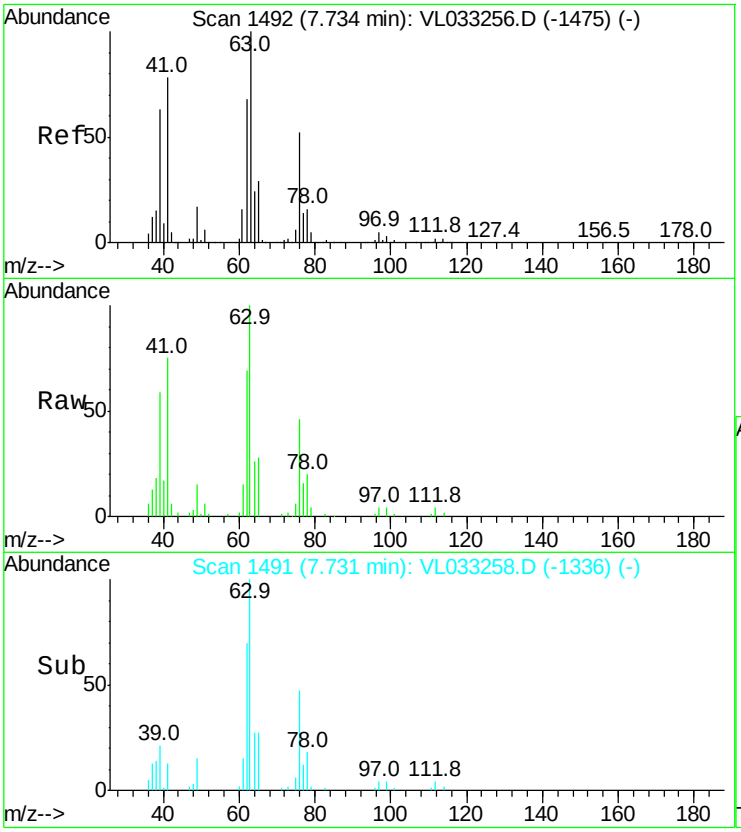


#38
Trichloroethene
Concen: 0.989 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:130 Resp: 75674

Ion	Ratio	Lower	Upper
130	100		
95	102.8	93.4	140.0
132	88.7	74.0	111.0
97	73.0	60.9	91.3



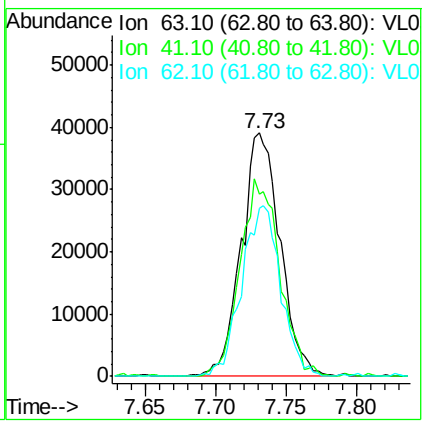


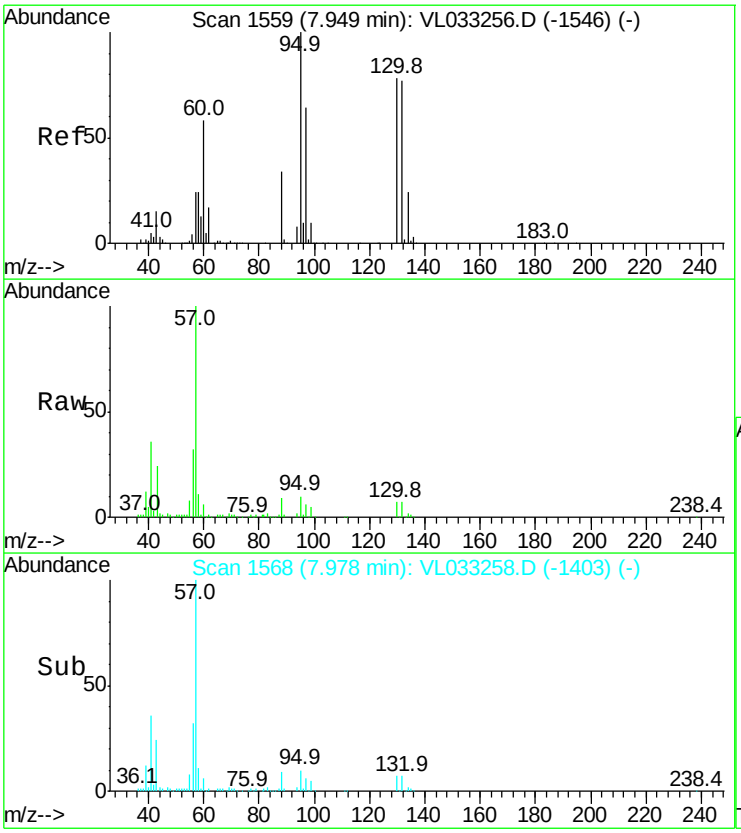
#39
1,2-Dichloropropane
Concen: 0.955 ppbv
RT: 7.73 min Scan# 1491
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 63 Resp: 75534

Ion	Ratio	Lower	Upper
63	100		
41	74.7	62.6	94.0
62	69.1	54.6	81.8

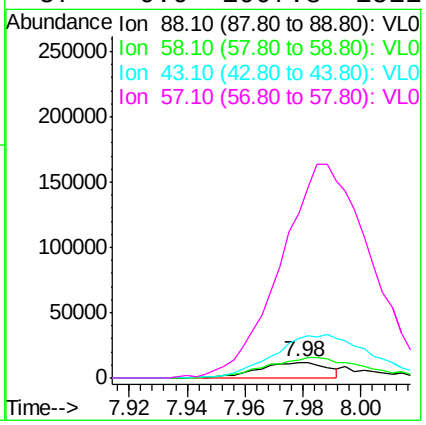


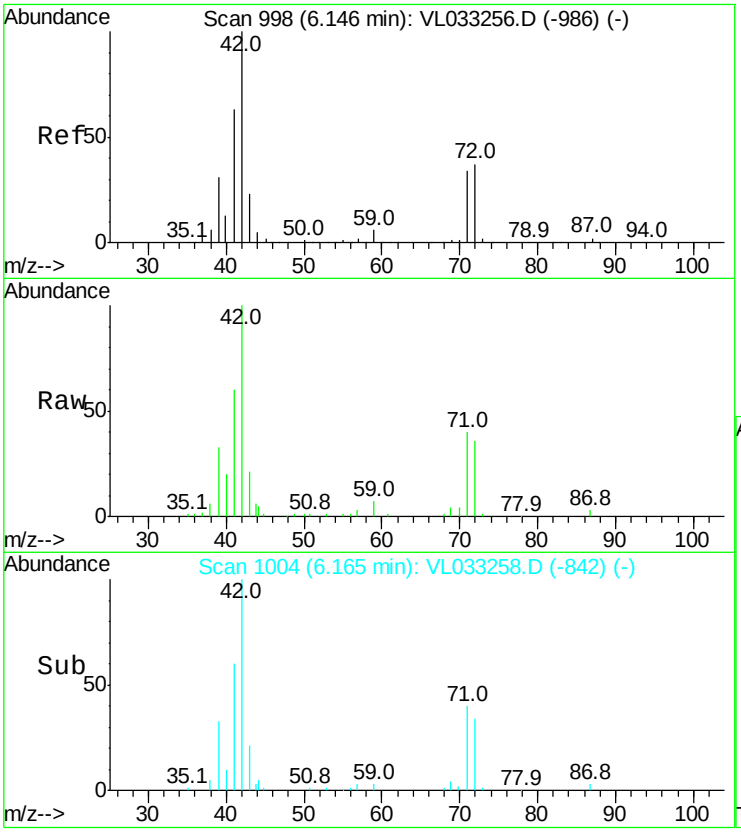


#40
1,4-Dioxane
Concen: 0.666 ppbv
RT: 7.98 min Scan# 1568
Delta R.T. 0.03 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 88 Resp: 19536

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



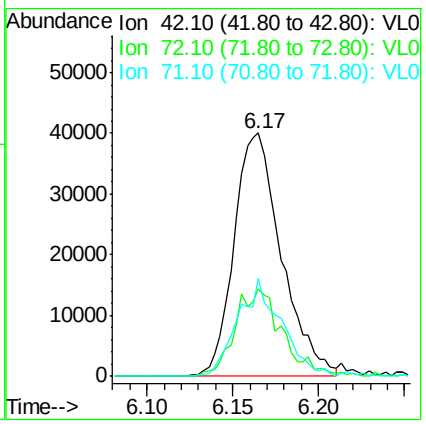


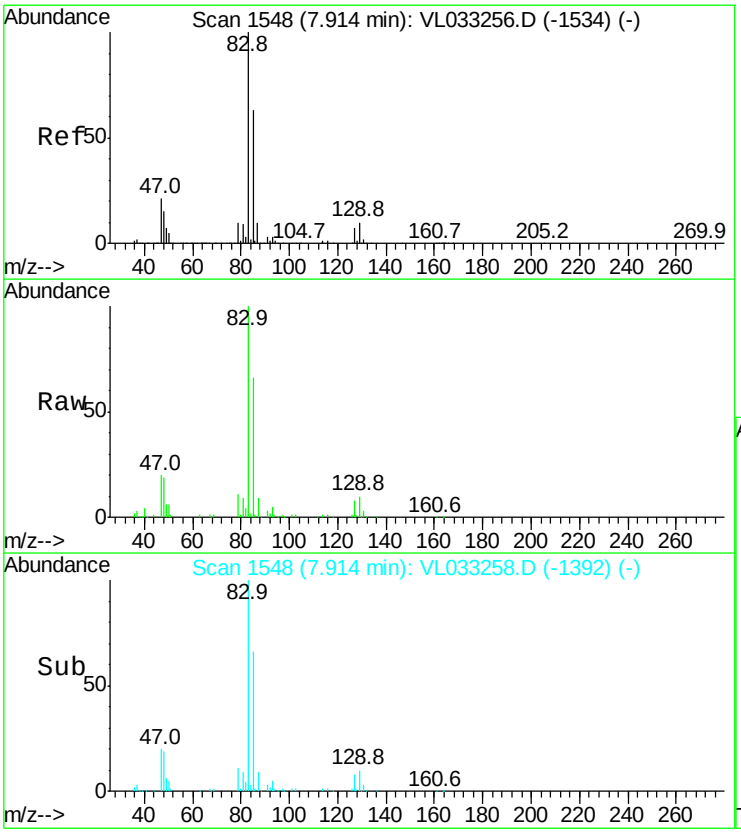
#41
Tetrahydrofuran
Concen: 0.931 ppbv
RT: 6.17 min Scan# 1004
Delta R.T. 0.02 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 42 Resp: 76475

Ion	Ratio	Lower	Upper
42	100		
72	36.3	30.2	45.2
71	37.7	29.0	43.6

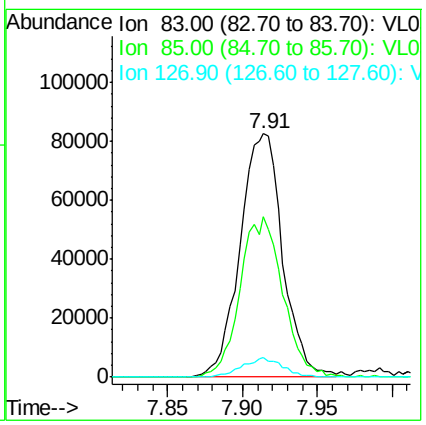


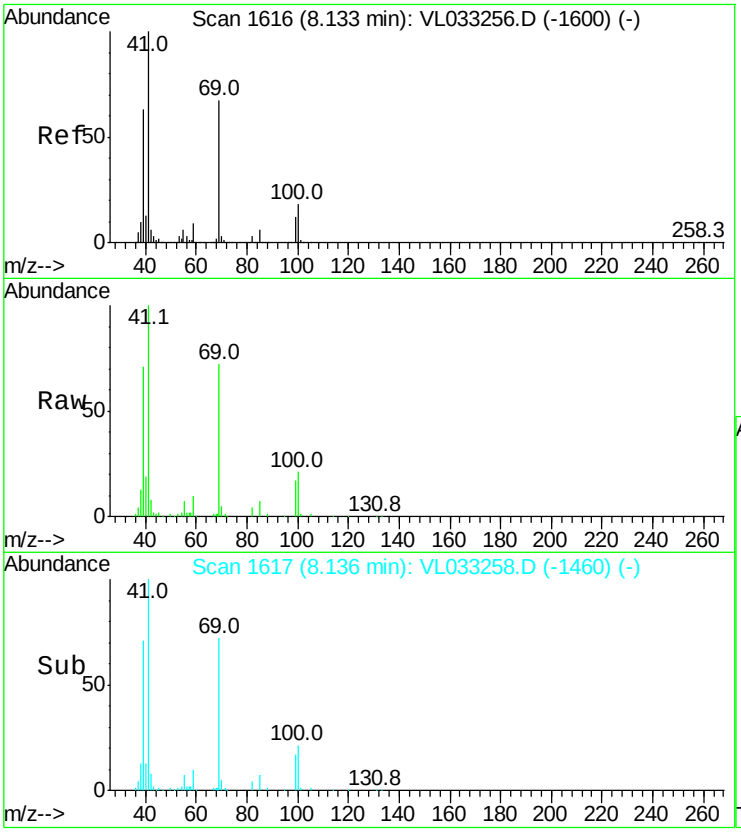


#42
Bromodichloromethane
Concen: 0.916 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 83 Resp: 163305

Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.1	75.1
127	9.1	5.9	8.9#



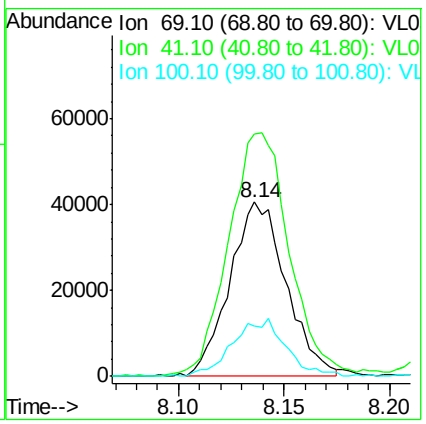


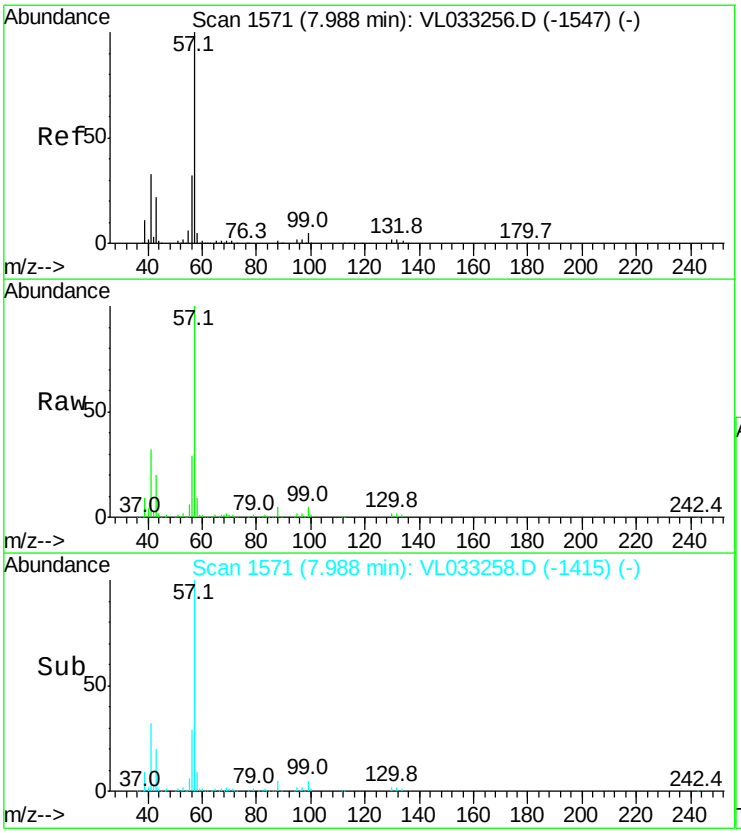
#43
Methyl Methacrylate
Concen: 0.918 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 75234

Ion	Ratio	Lower	Upper
69	100		
41	152.7	120.3	180.5
100	31.6	23.5	35.3

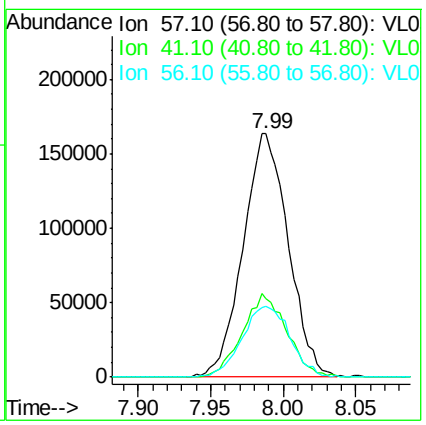


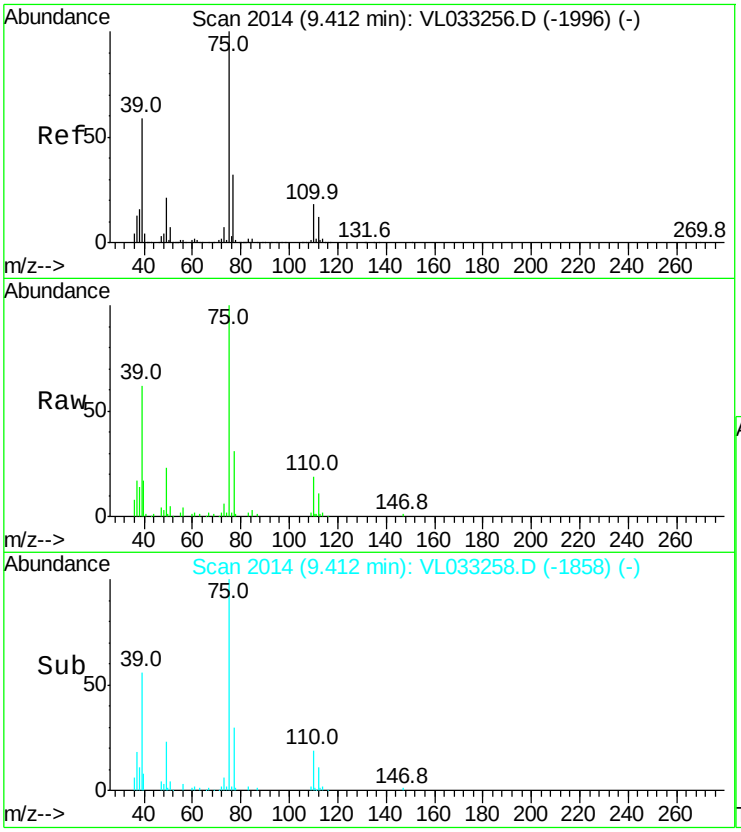


#44
2,2,4-Trimethylpentane
Concen: 0.990 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 57 Resp: 354553

Ion	Ratio	Lower	Upper
57	100		
41	33.8	26.4	39.6
56	31.1	25.1	37.7



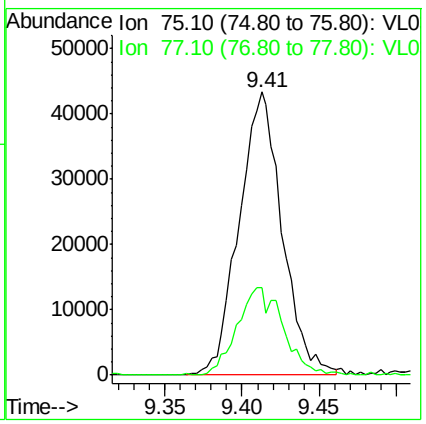


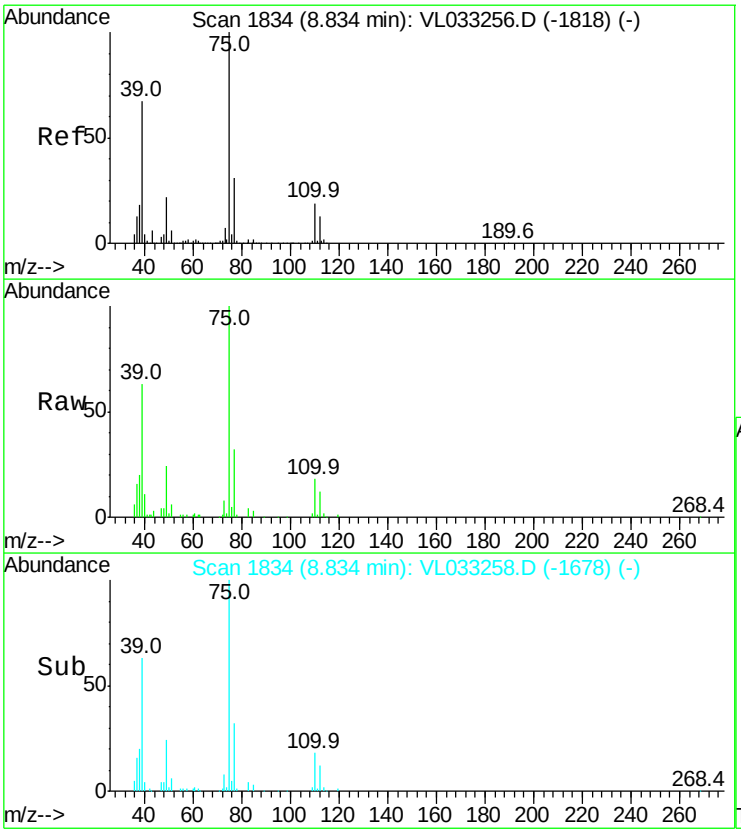
#45
t-1,3-Dichloropropene
Concen: 0.846 ppbv
RT: 9.41 min Scan# 2014
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 83924

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0

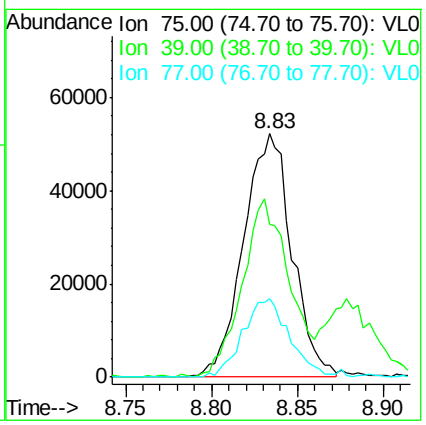


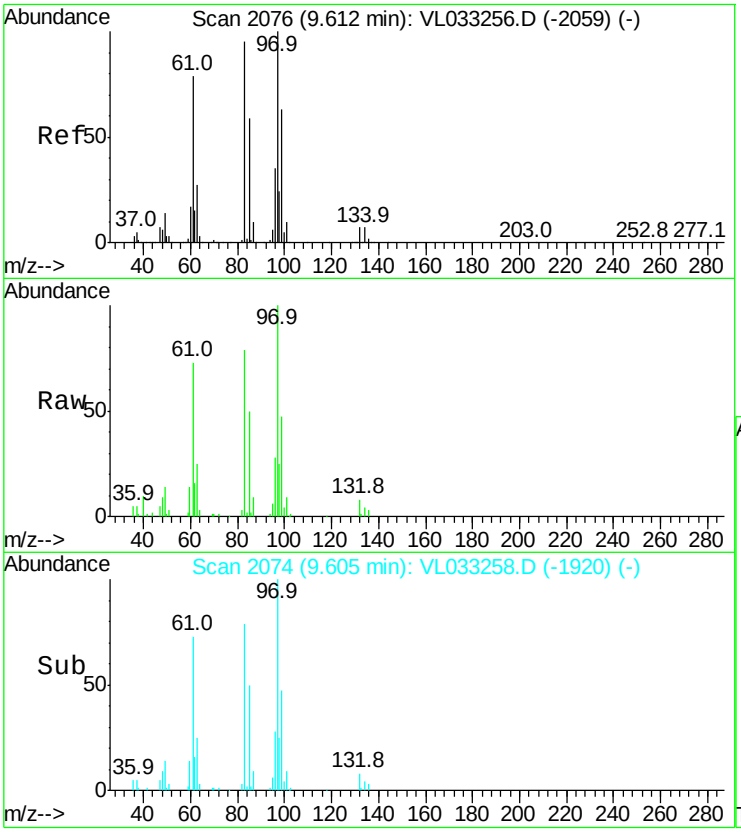


#46
cis-1,3-Dichloropropene
Concen: 0.860 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 75 Resp: 101735

Ion	Ratio	Lower	Upper
75	100		
39	62.4	53.8	80.6
77	32.2	25.0	37.6



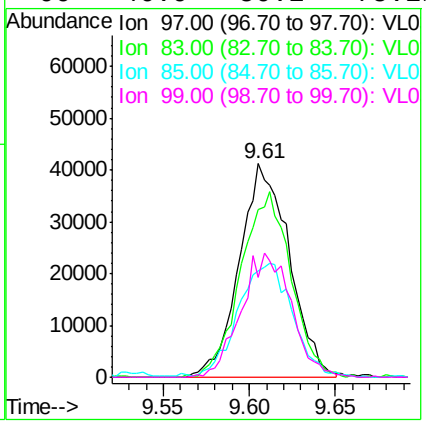


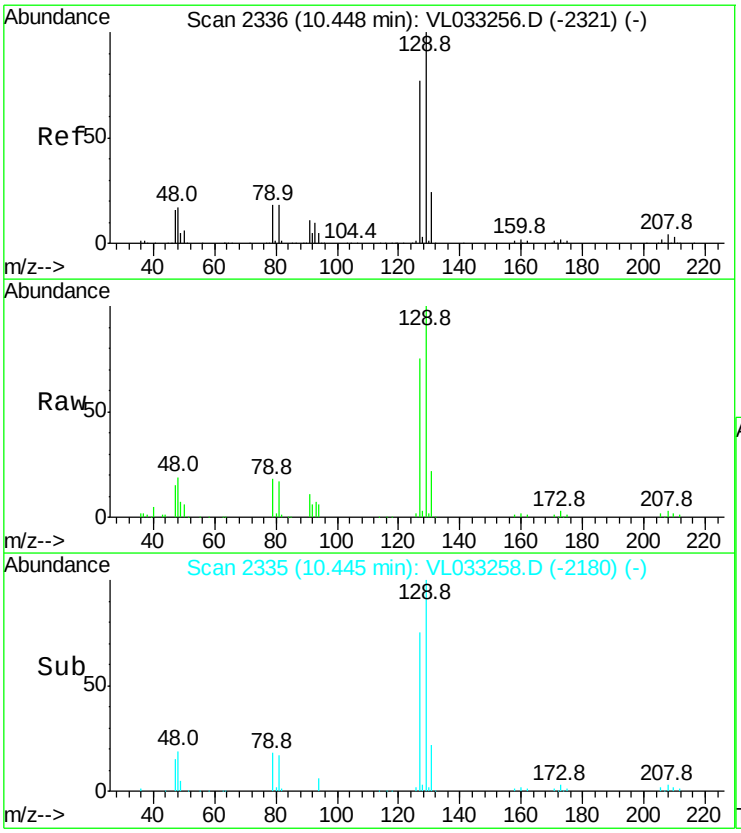
#47
1,1,2-Trichloroethane
Concen: 0.973 ppbv
RT: 9.61 min Scan# 2074
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 82808

Ion	Ratio	Lower	Upper
97	100		
83	77.5	75.8	113.8
85	48.6	47.5	71.3
99	46.9	50.2	75.2#

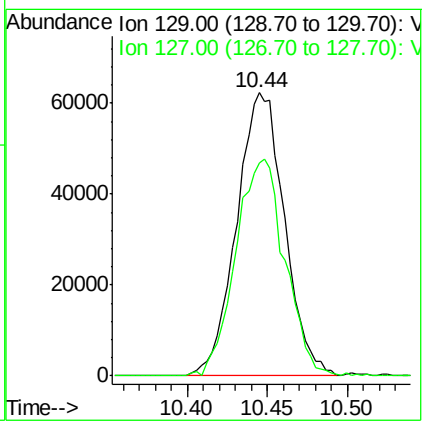


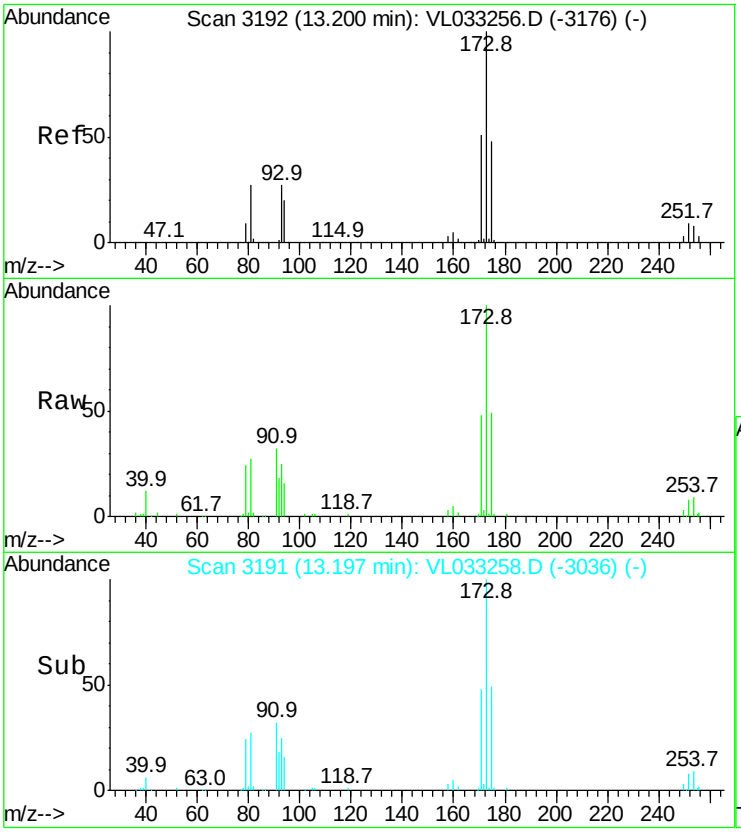


#48
Dibromochloromethane
Concen: 0.926 ppbv
RT: 10.44 min Scan# 2335
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:129 Resp: 127634

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.4	118.2



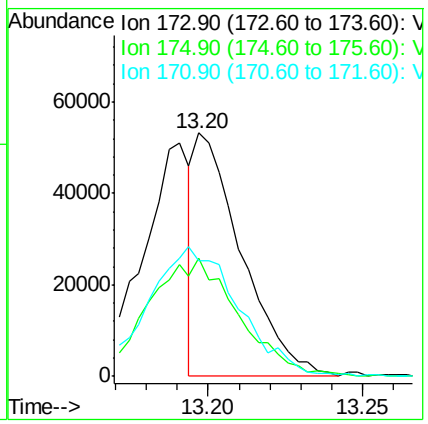


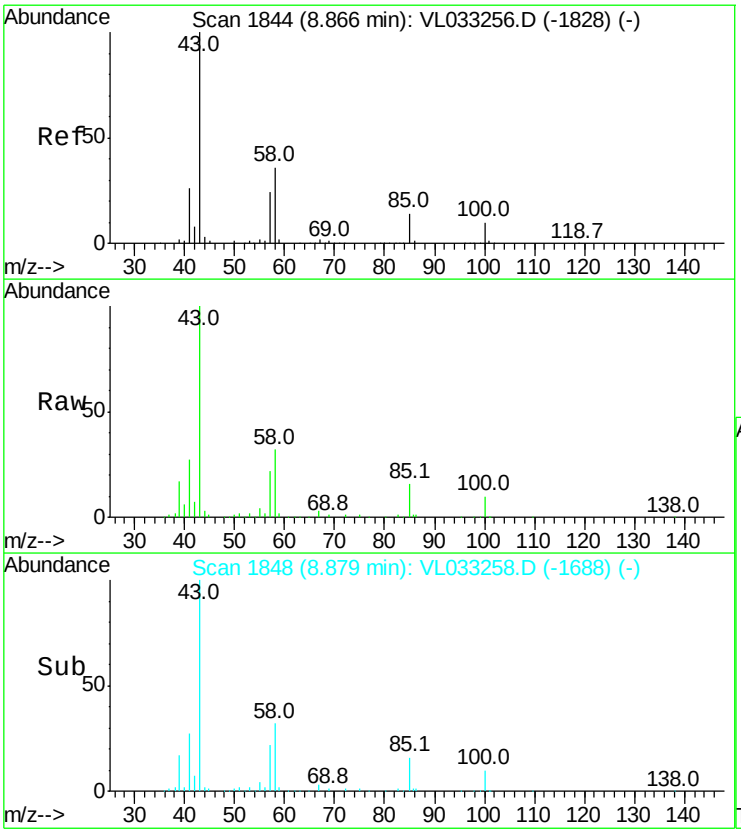
#49
Bromoform
Concen: 0.506 ppbv
RT: 13.20 min Scan# 3191
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:173 Resp: 55721

Ion	Ratio	Lower	Upper
173	100		
175	96.0	38.8	58.2#
171	104.9	41.5	62.3#

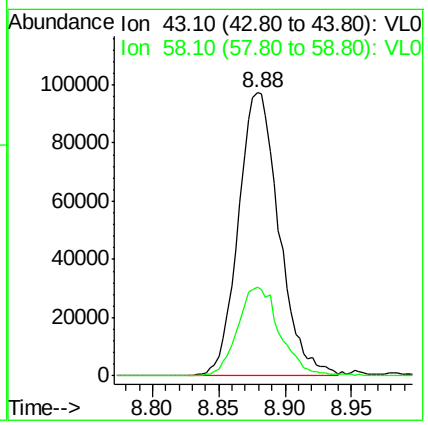


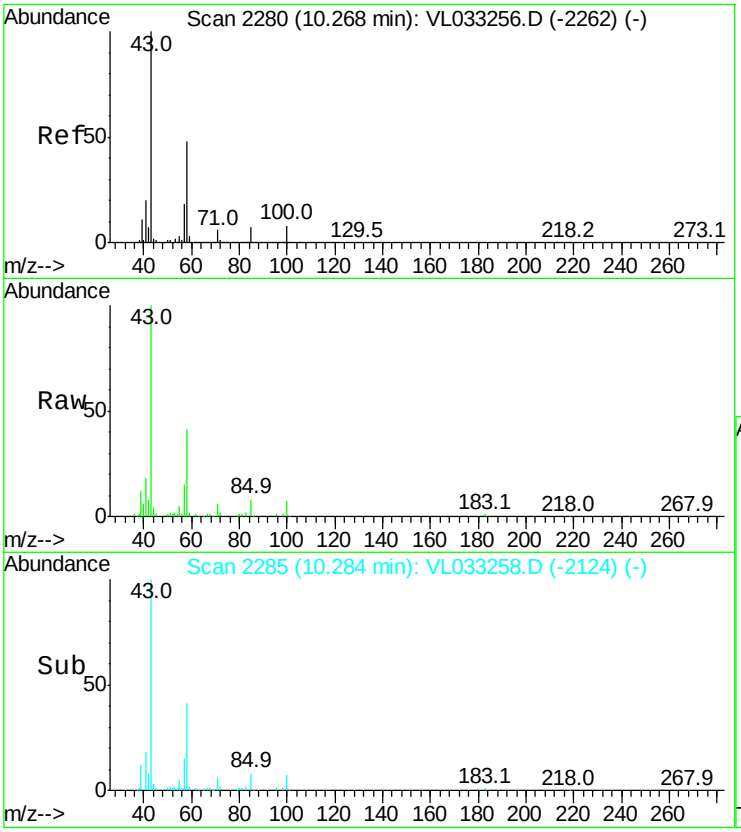


#50
4-Methyl-2-Pentanone
Concen: 0.939 ppbv
RT: 8.88 min Scan# 1848
Delta R.T. 0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 43 Resp: 207663

Ion	Ratio	Lower	Upper
43	100		
58	32.7	28.1	42.1



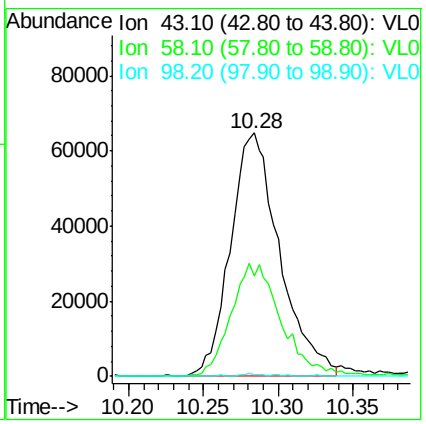


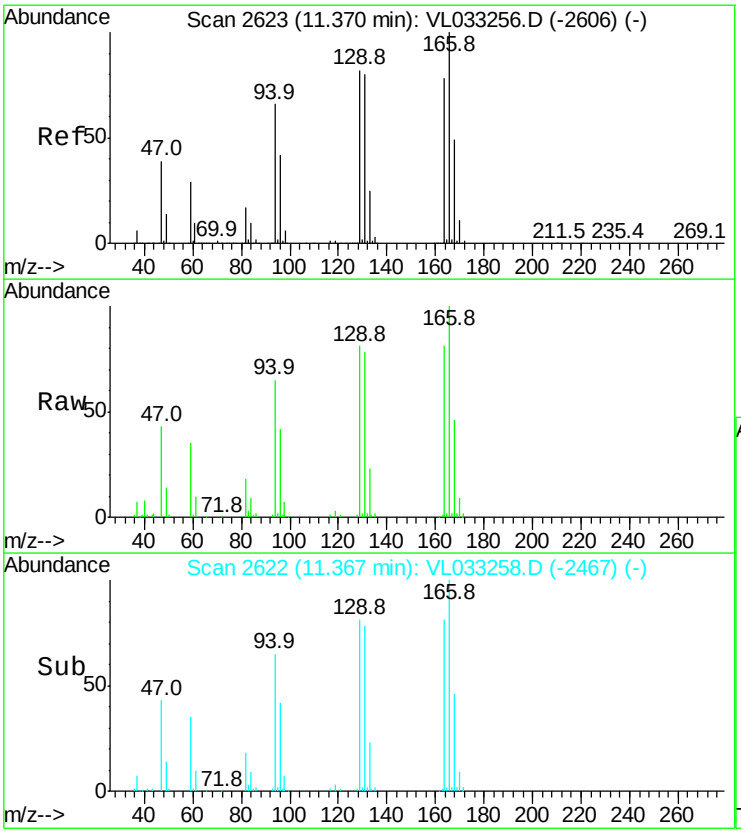
#51
2-Hexanone
Concen: 0.898 ppbv
RT: 10.28 min Scan# 2285
Delta R.T. 0.02 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 148617

Ion	Ratio	Lower	Upper
43	100		
58	48.2	38.1	57.1
98	0.7	0.2	0.4#

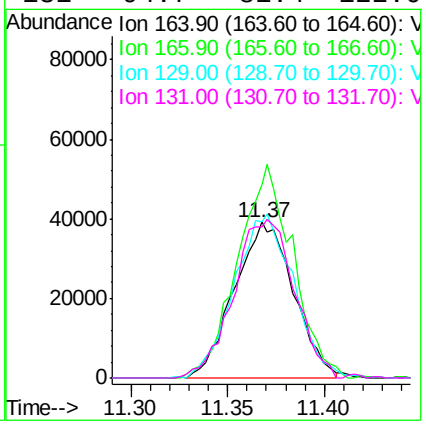


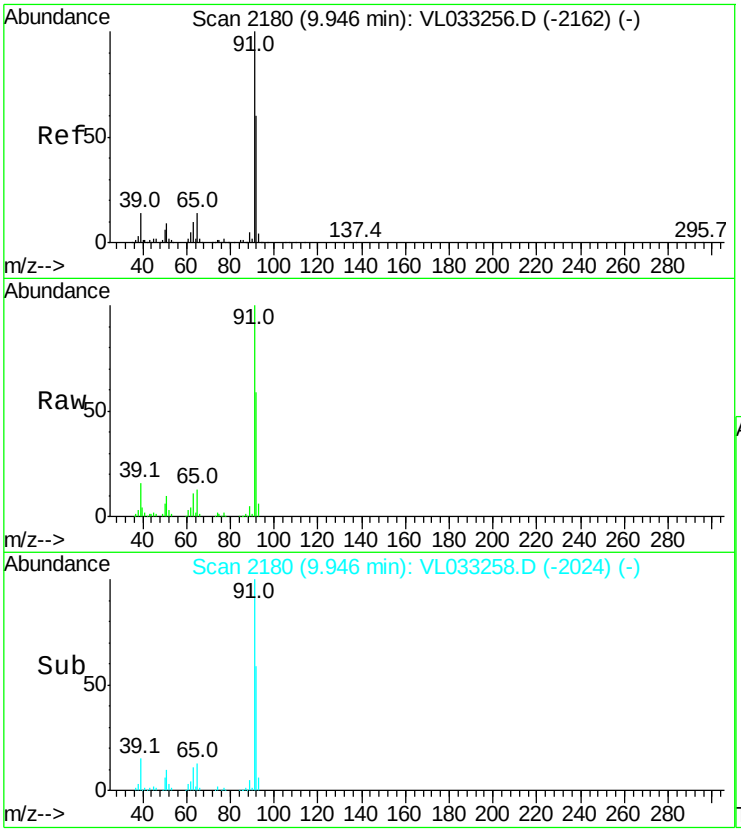


#52
Tetrachloroethene
Concen: 1.099 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:164 Resp: 82968

Ion	Ratio	Lower	Upper
164	100		
166	119.0	102.0	153.0
129	97.8	83.2	124.8
131	94.7	81.4	122.0



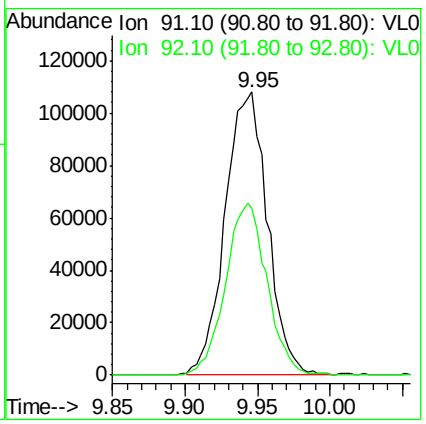


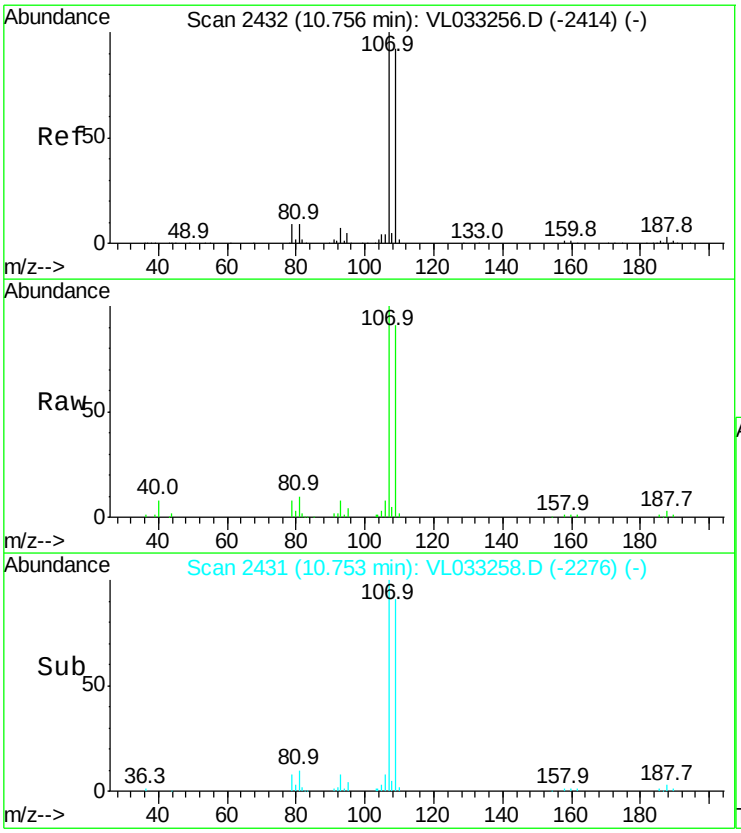
#53
Toluene
Concen: 0.929 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 91 Resp: 217553

Ion	Ratio	Lower	Upper
91	100		
92	60.0	47.7	71.5

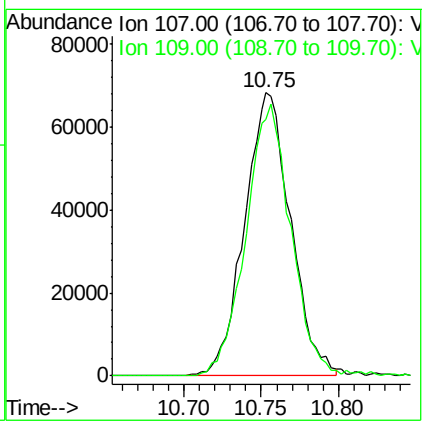


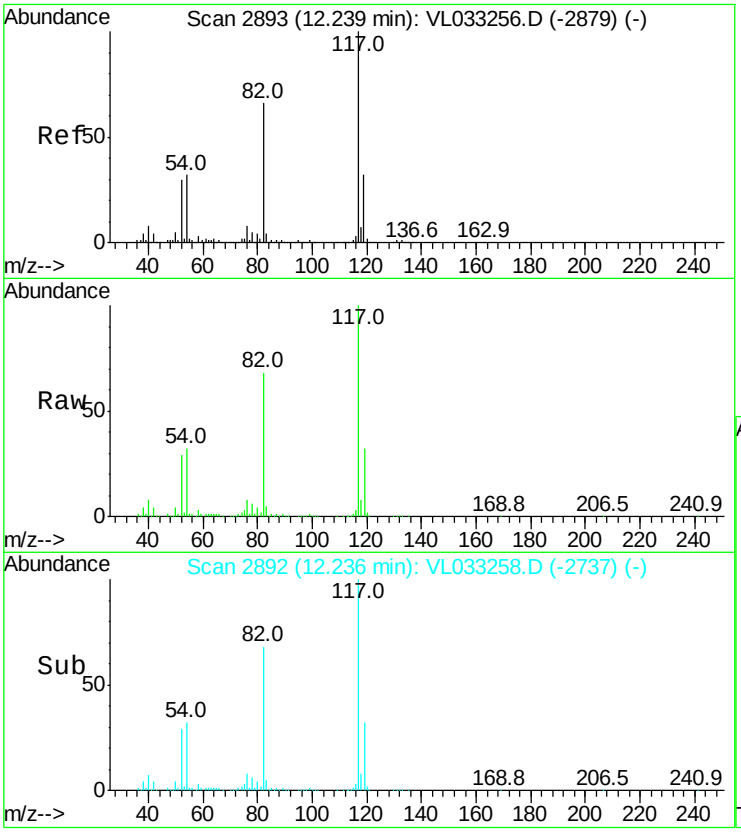


#54
1,2-Dibromoethane
Concen: 1.093 ppbv
RT: 10.75 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:107 Resp: 141343

Ion	Ratio	Lower	Upper
107	100		
109	90.8	73.9	110.9



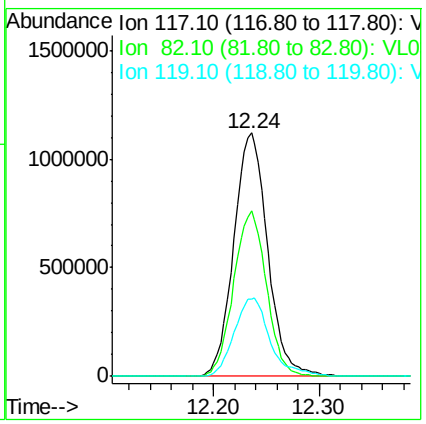


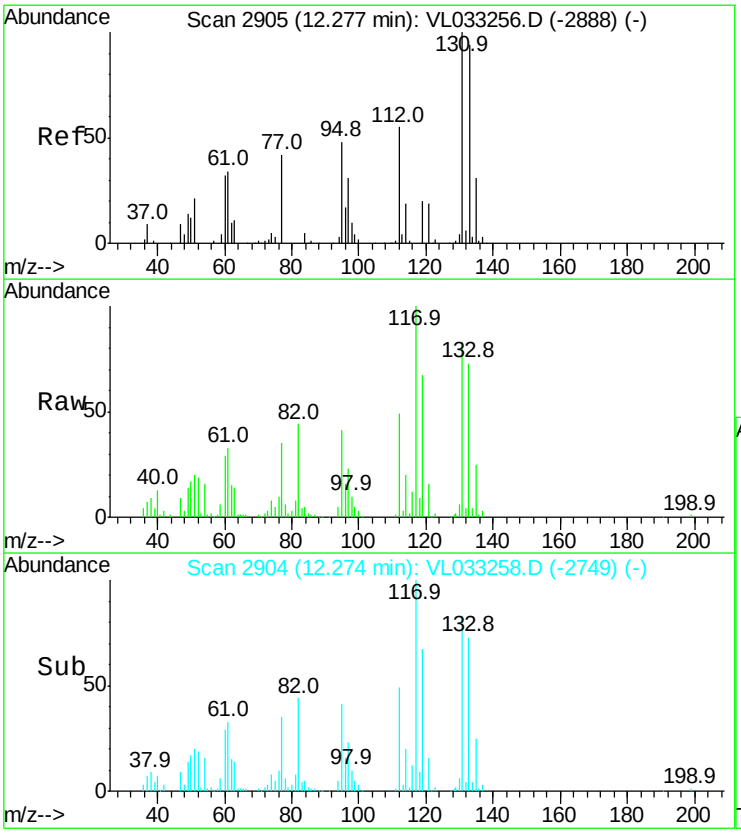
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 2499069

Ion	Ratio	Lower	Upper
117	100		
82	66.0	52.2	78.4
119	34.1	43.4	65.2#

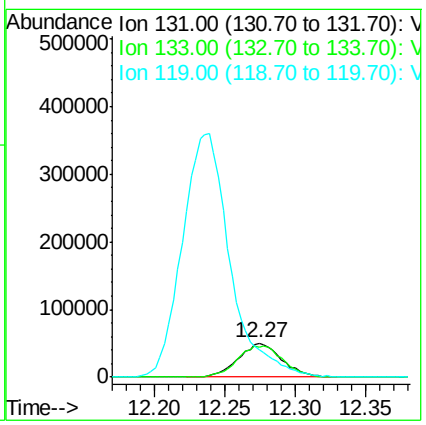


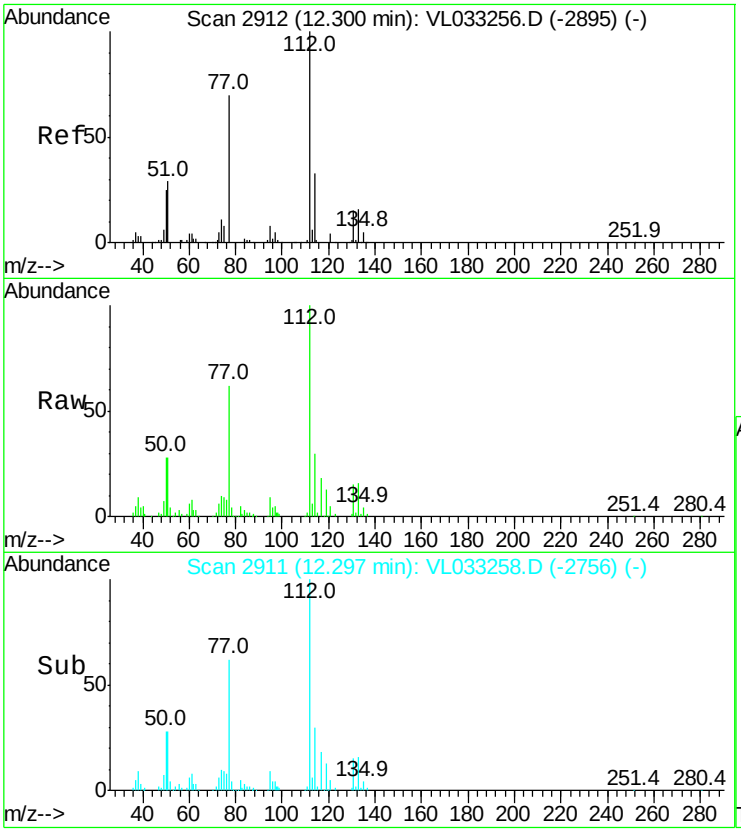


#56
1,1,1,2-Tetrachloroethane
Concen: 0.995 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:131 Resp: 107928

Ion	Ratio	Lower	Upper
131	100		
133	96.8	76.3	114.5
119	787.6	109.2	163.8#



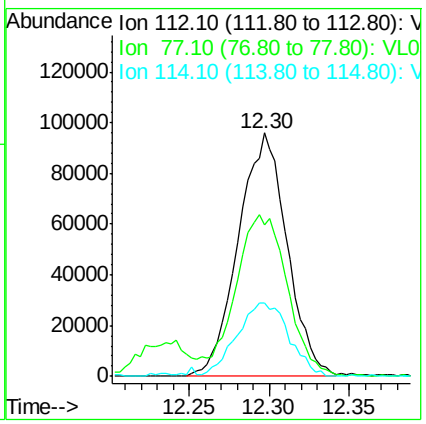


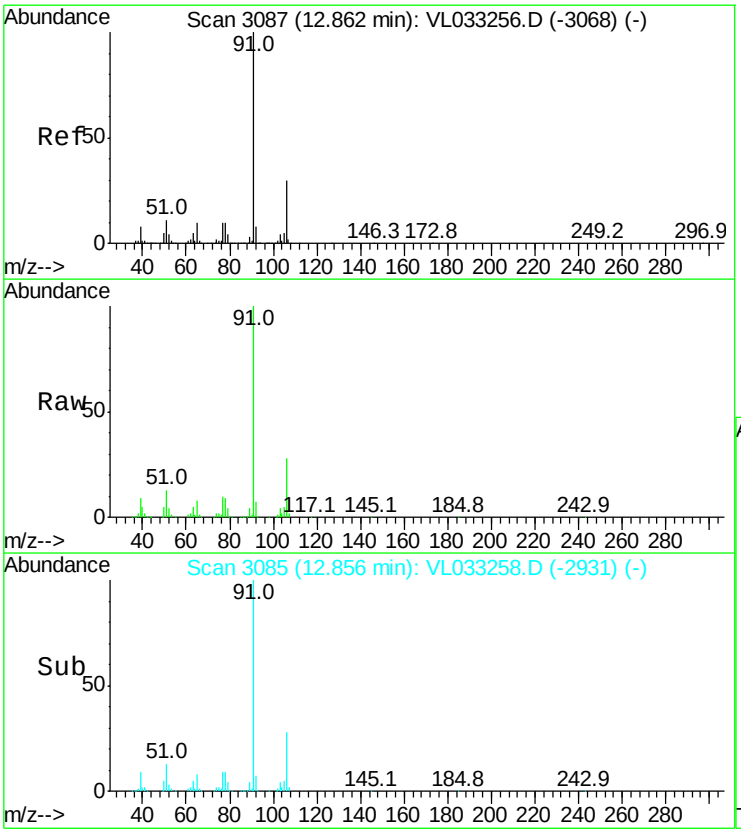
#57
Chlorobenzene
Concen: 1.027 ppbv
RT: 12.30 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 199816

Ion	Ratio	Lower	Upper
112	100		
77	62.0	56.8	85.2
114	30.1	29.5	36.1

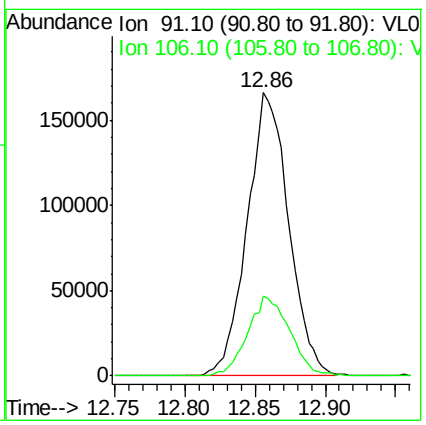


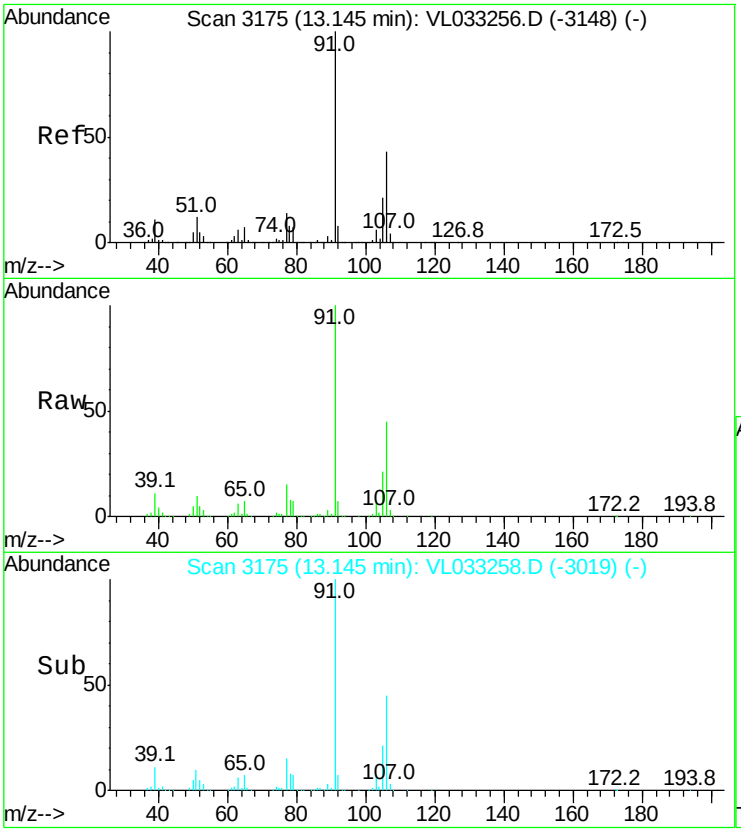


#58
Ethyl Benzene
Concen: 0.991 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 91 Resp: 342445

Ion	Ratio	Lower	Upper
91	100		
106	28.2	23.7	35.5



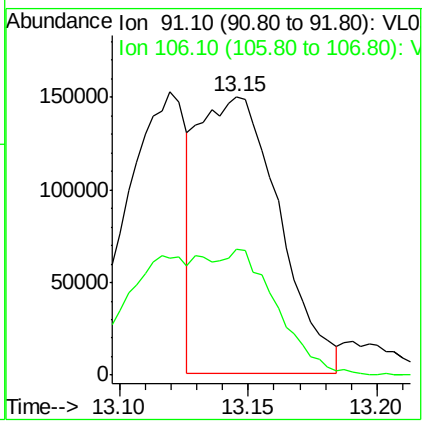


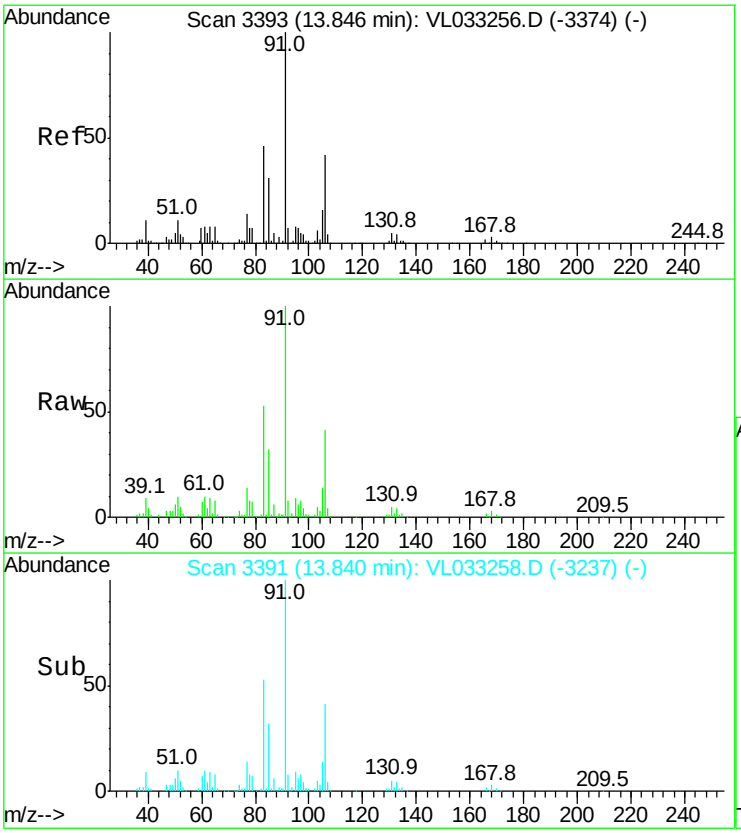
#59
m/p-Xylene
Concen: 1.105 ppbv
RT: 13.15 min Scan# 3175
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 325489

Ion	Ratio	Lower	Upper
91	100		
106	78.2	35.0	52.4#

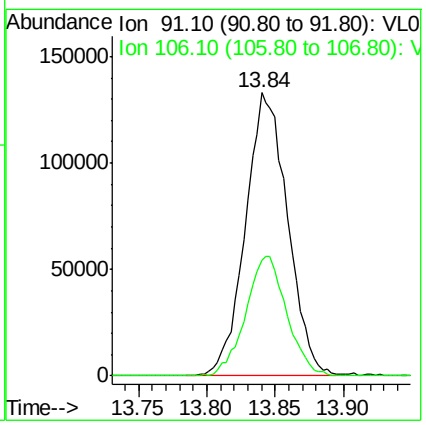


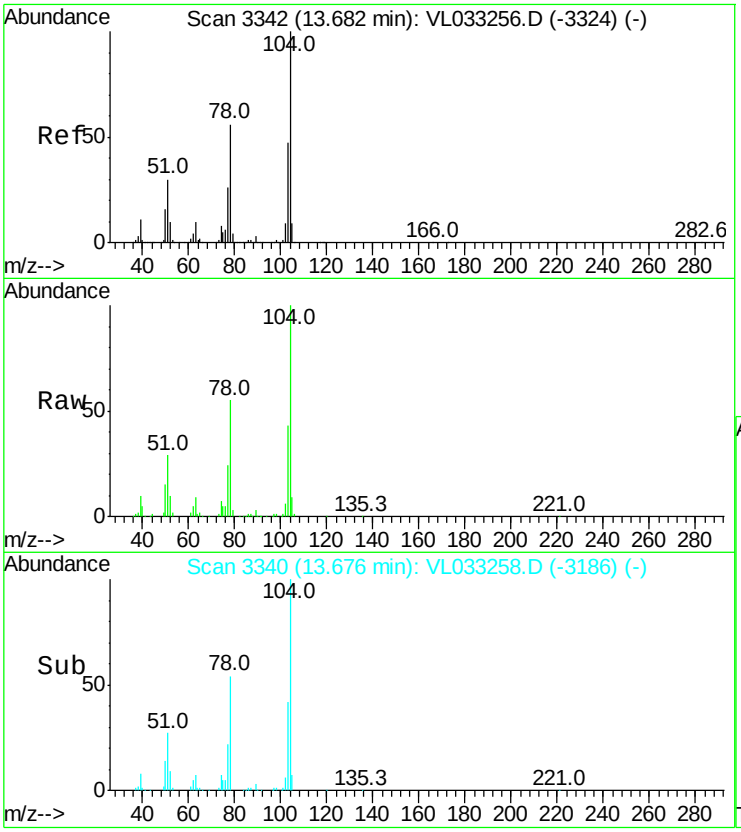


#60
o-Xylene
Concen: 1.016 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 91 Resp: 285219

Ion	Ratio	Lower	Upper
91	100		
106	41.1	21.1	63.4



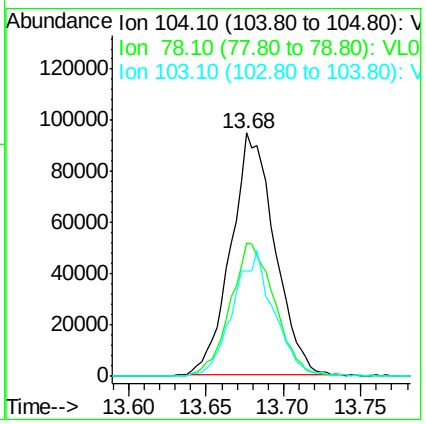


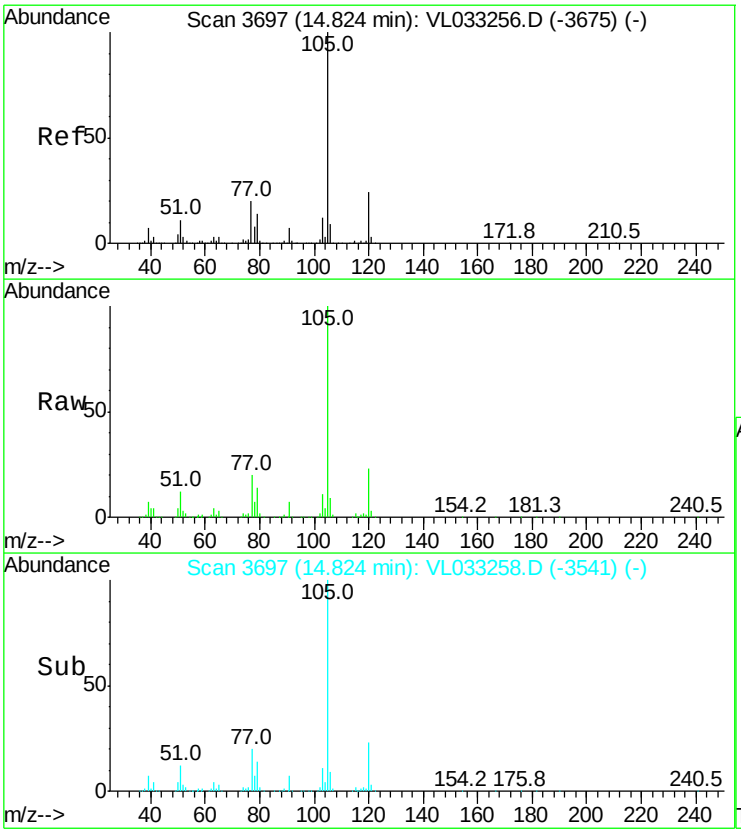
#61
Styrene
Concen: 0.945 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 186603

Ion	Ratio	Lower	Upper
104	100		
78	56.2	43.9	65.9
103	48.8	38.3	57.5

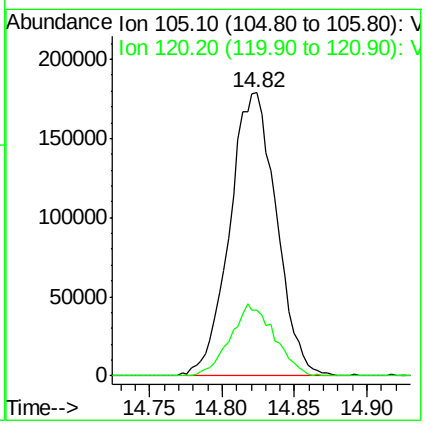


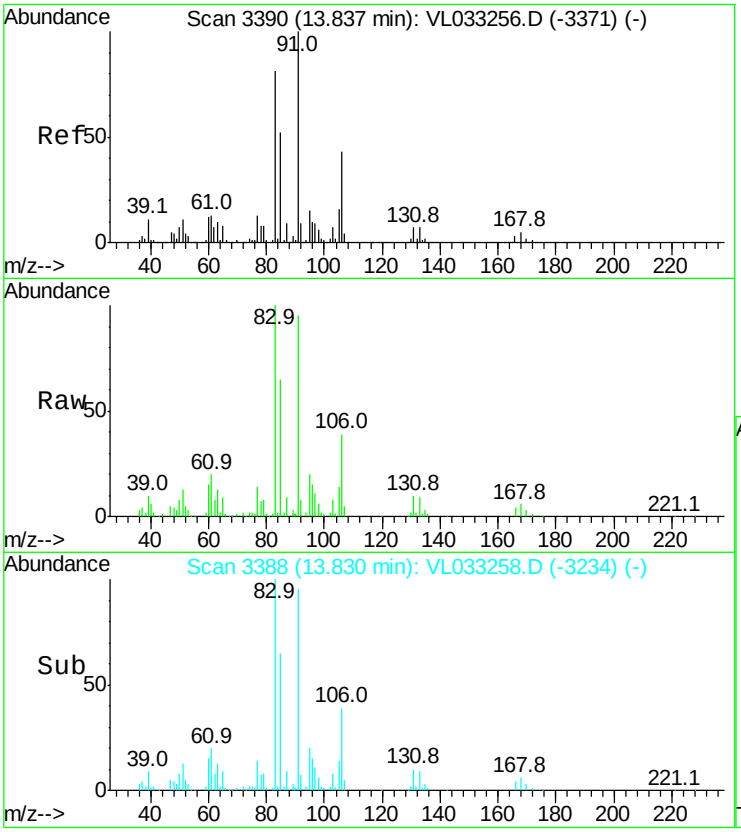


#62
Isopropylbenzene
Concen: 1.018 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:105 Resp: 398605

Ion	Ratio	Lower	Upper
105	100		
120	24.1	19.7	29.5



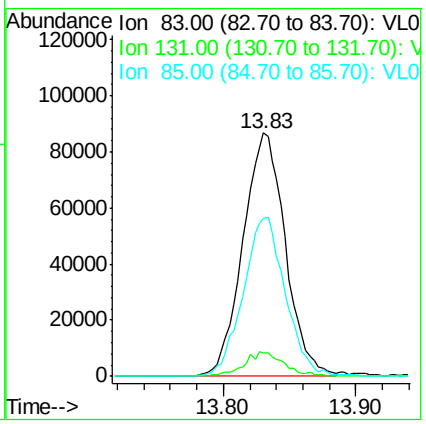


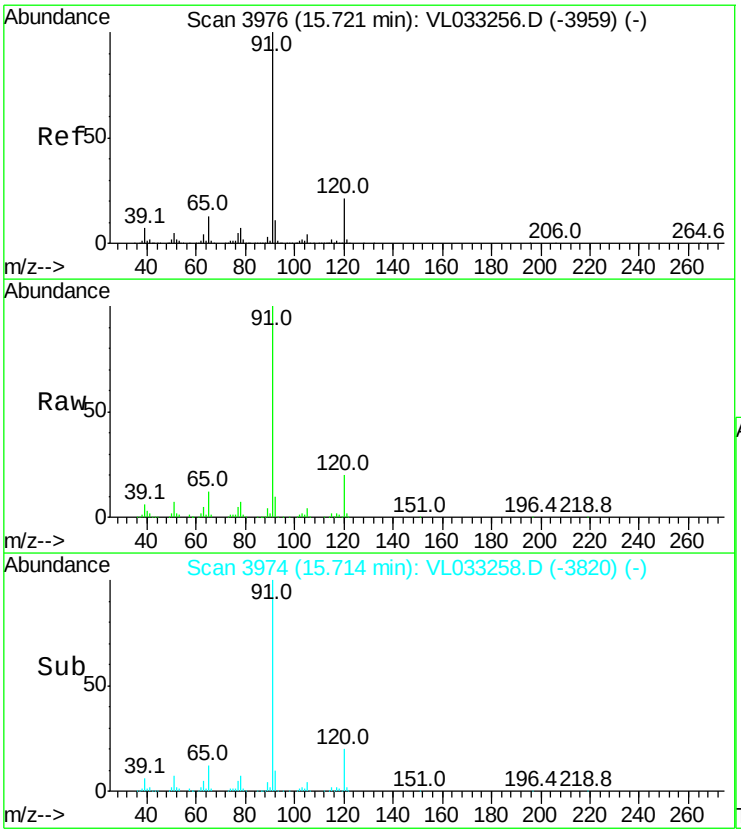
#63
1,1,2,2-Tetrachloroethane
Concen: 0.964 ppbv
RT: 13.83 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 192699

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.0
85	65.1	32.4	97.0

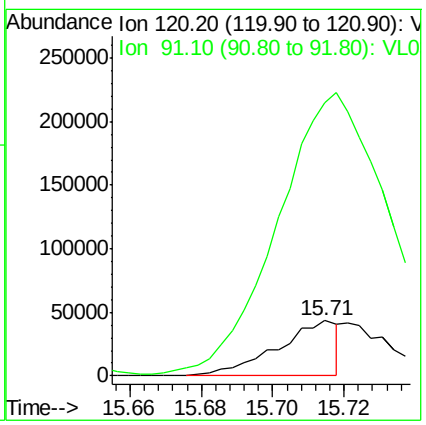


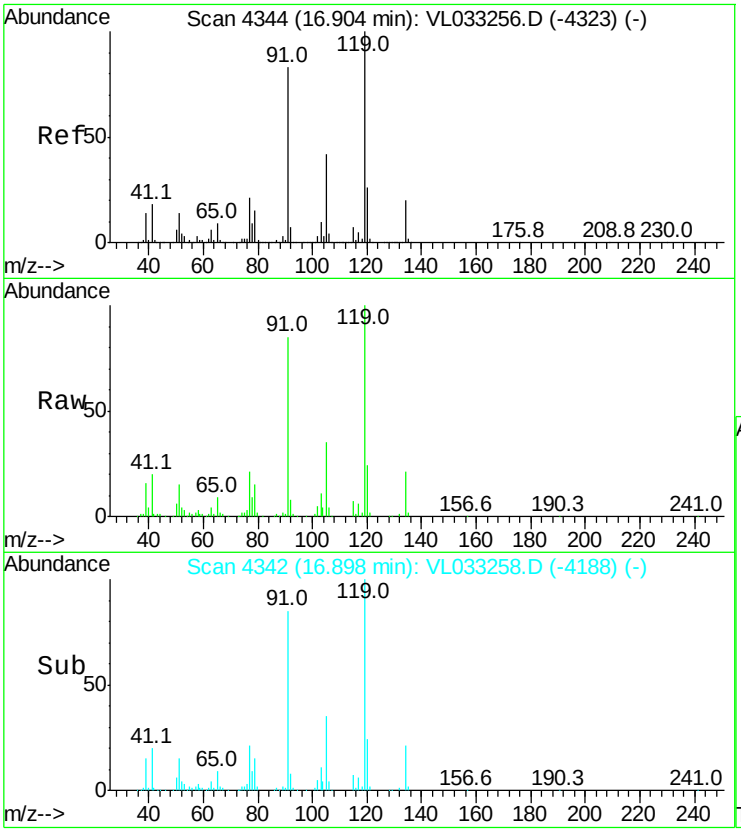


#64
n-propylbenzene
Concen: 0.529 ppbv
RT: 15.71 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:120 Resp: 51302

Ion	Ratio	Lower	Upper
120	100		
91	577.9	392.8	589.2



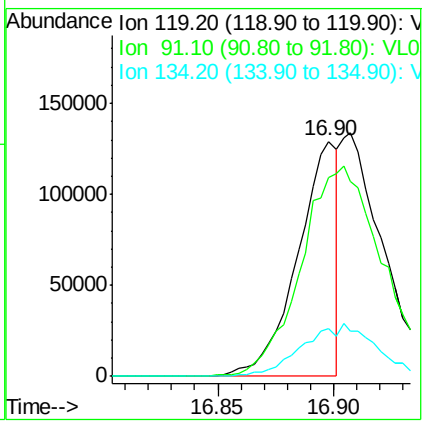


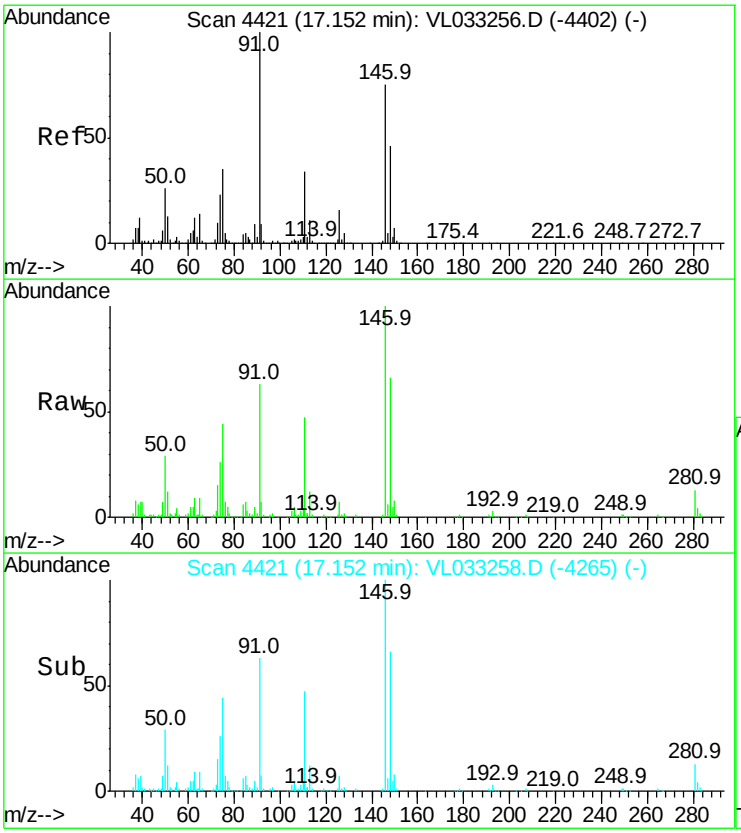
#65
tert-Butylbenzene
Concen: 0.461 ppbv
RT: 16.90 min Scan# 4342
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 153993

Ion	Ratio	Lower	Upper
119	100		
91	0.0	67.3	100.9#
134	0.0	15.5	23.3#

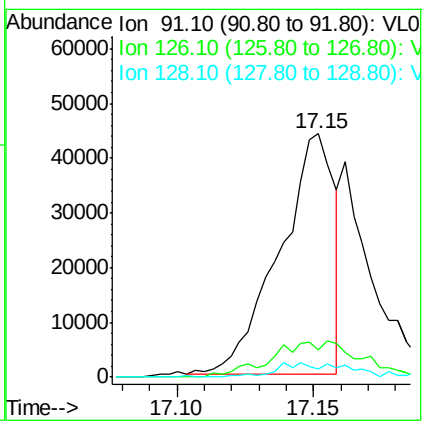


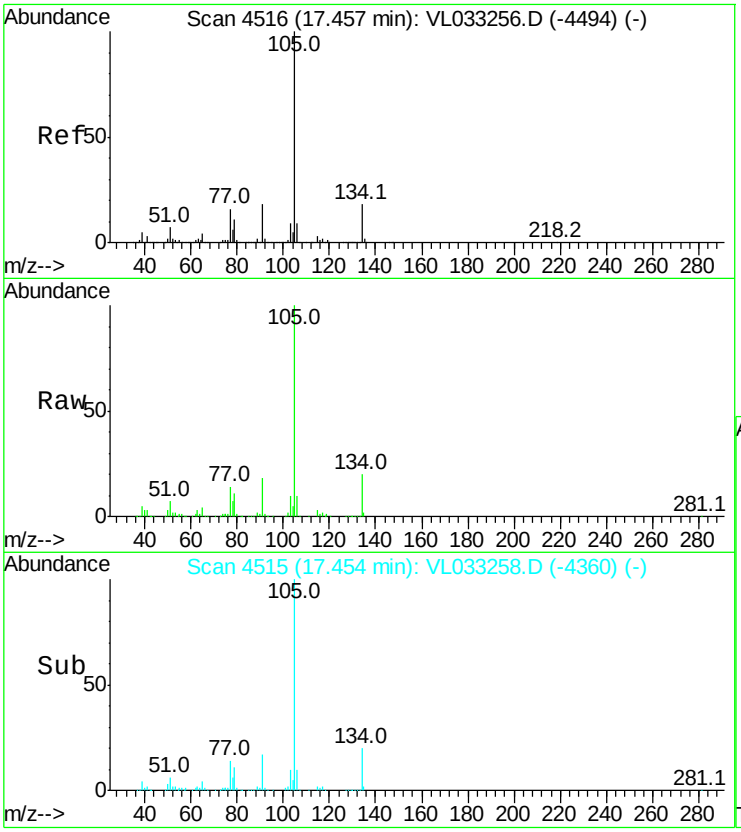


#66
Benzyl Chloride
Concen: 0.475 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 91 Resp: 61454

Ion	Ratio	Lower	Upper
91	100		
126	24.3	13.0	19.6#
128	8.3	4.2	6.2#



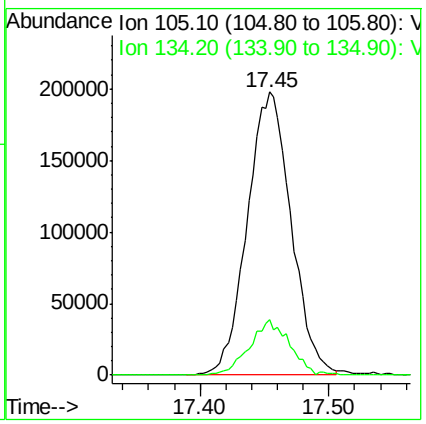


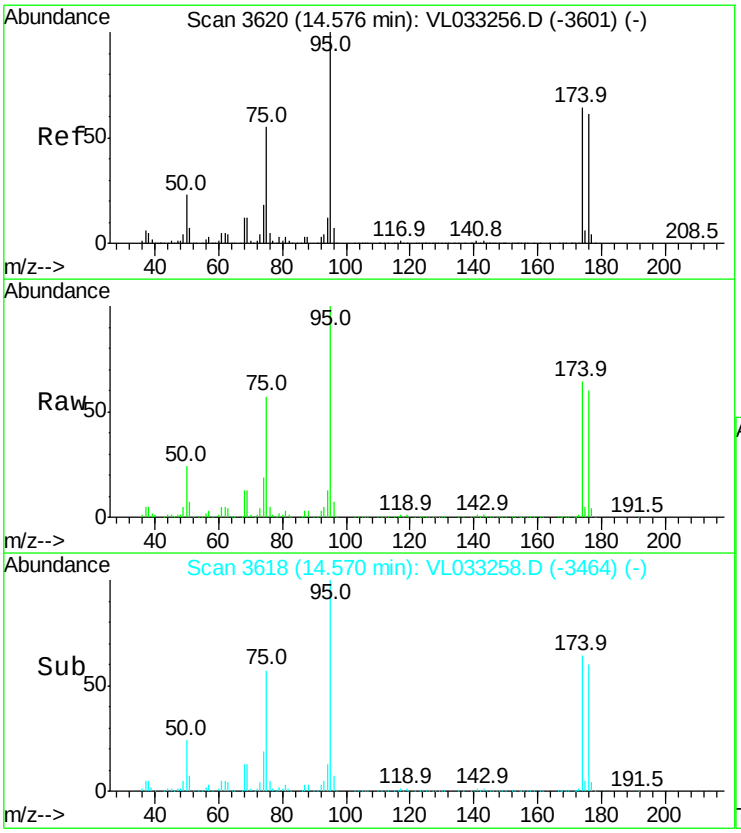
#67
sec-Butylbenzene
Concen: 0.978 ppbv
RT: 17.45 min Scan# 4515
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 466291

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.0	21.0

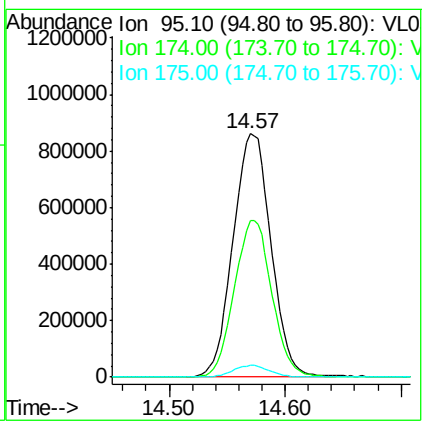


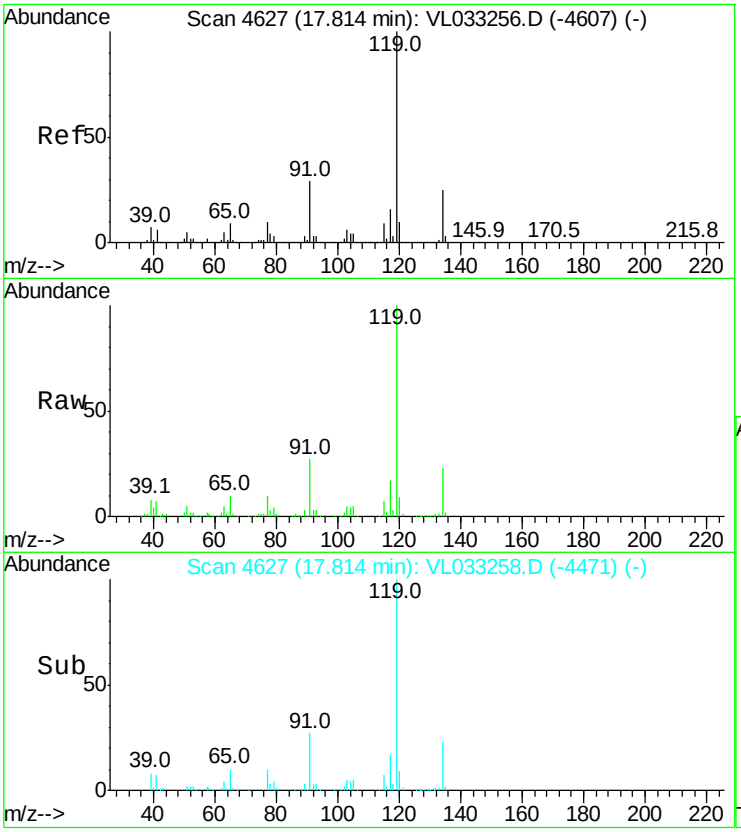


#68
1-Bromo-4-Fluorobenzene
Concen: 10.358 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 95 Resp: 1964279

Ion	Ratio	Lower	Upper
95	100		
174	63.9	51.7	77.5
175	4.7	3.8	5.8



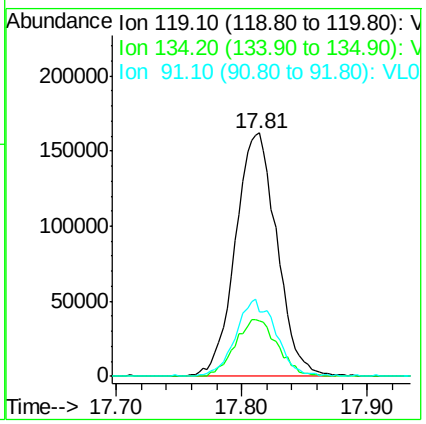


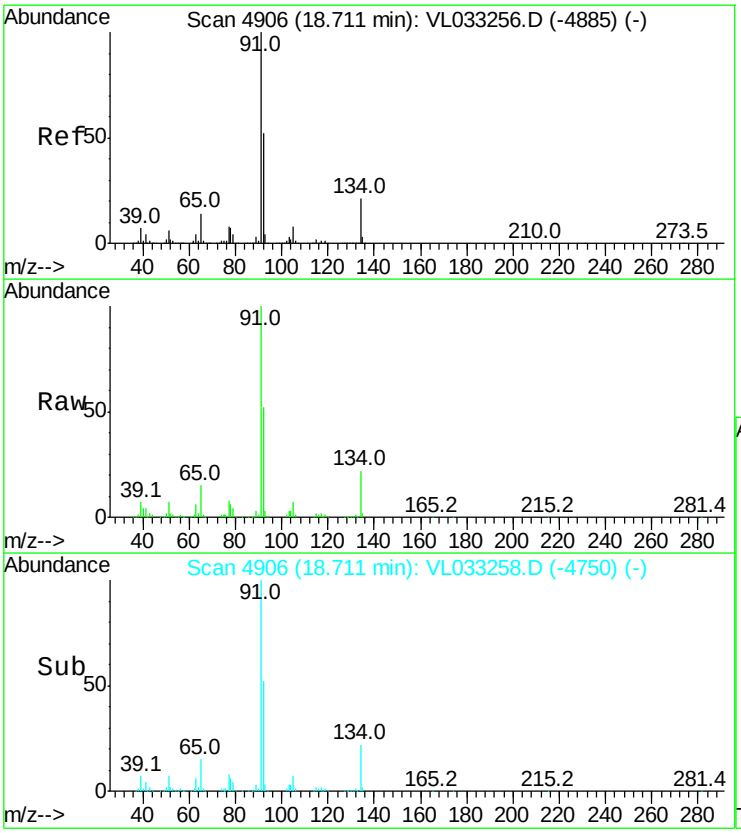
#69
p-Isopropyltoluene
Concen: 0.966 ppbv
RT: 17.81 min Scan# 4627
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 372413

Ion	Ratio	Lower	Upper
119	100		
134	23.8	19.8	29.8
91	30.8	23.9	35.9

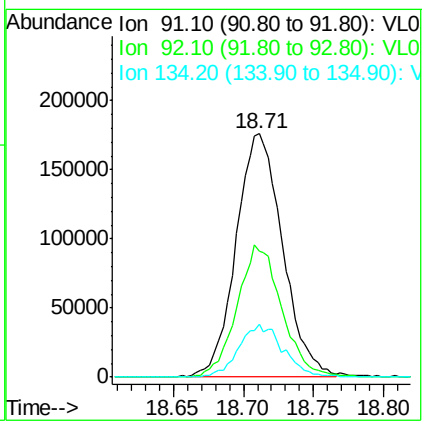


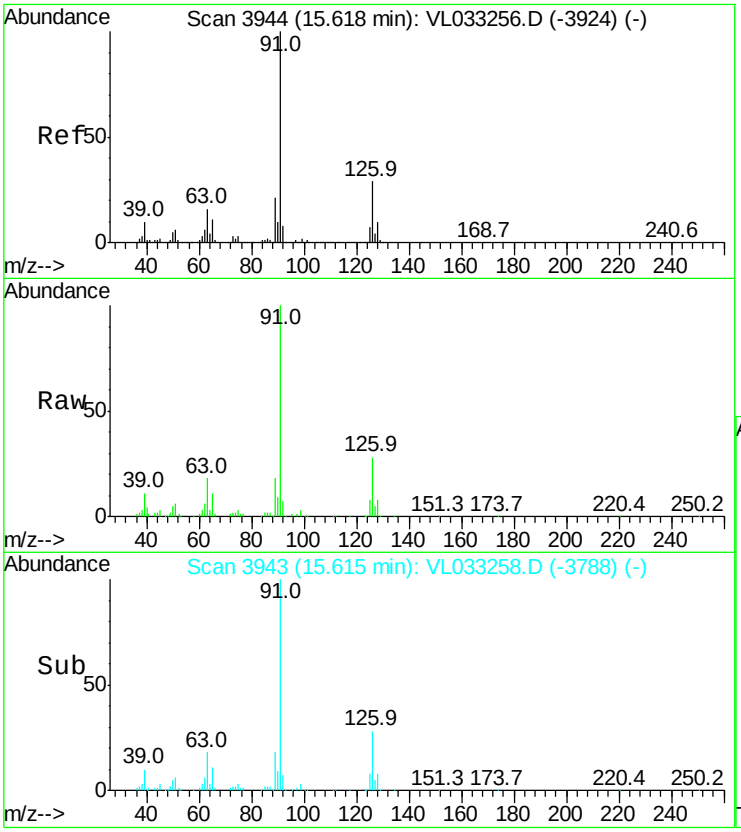


#70
n-Butylbenzene
Concen: 0.953 ppbv
RT: 18.71 min Scan# 4906
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion: 91 Resp: 402137

Ion	Ratio	Lower	Upper
91	100		
92	52.8	42.6	63.8
134	20.9	17.3	25.9



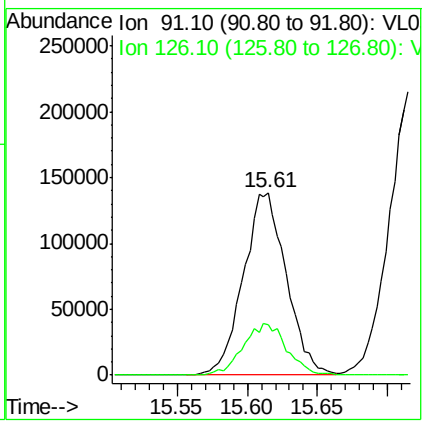


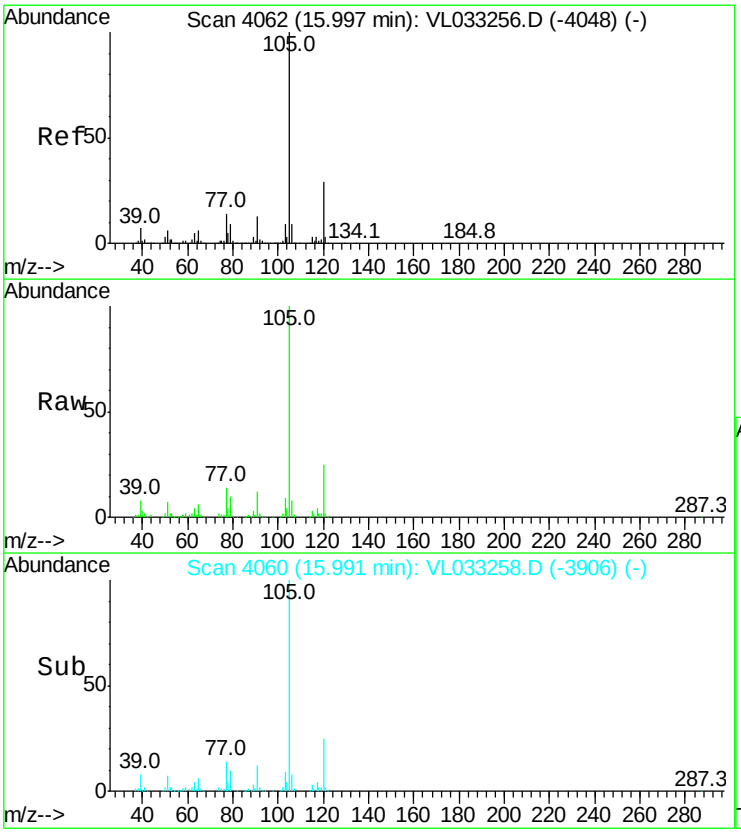
#71
2-Chlorotoluene
Concen: 0.988 ppbv
RT: 15.61 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 295748

Ion	Ratio	Lower	Upper
91	100		
126	28.7	11.7	46.9

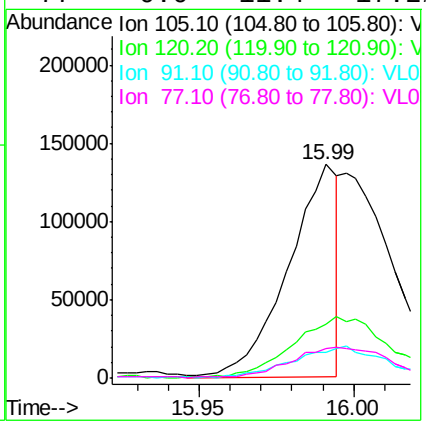


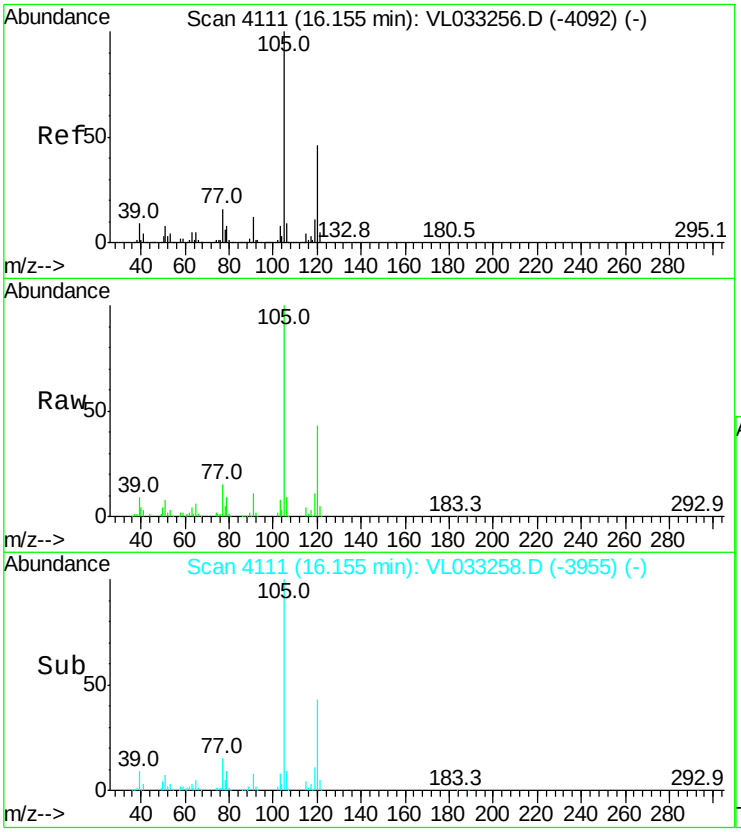


#72
4-Ethyltoluene
Concen: 0.494 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:105 Resp: 151585

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.9	34.3#
91	0.0	10.4	15.6#
77	0.0	11.4	17.2#



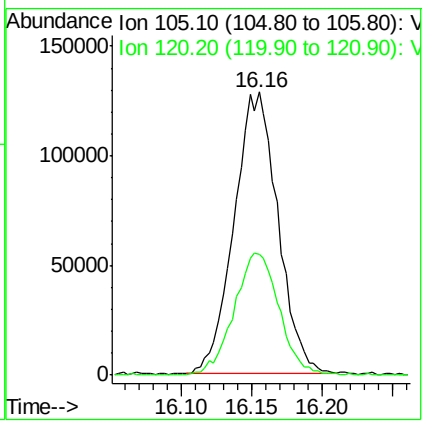


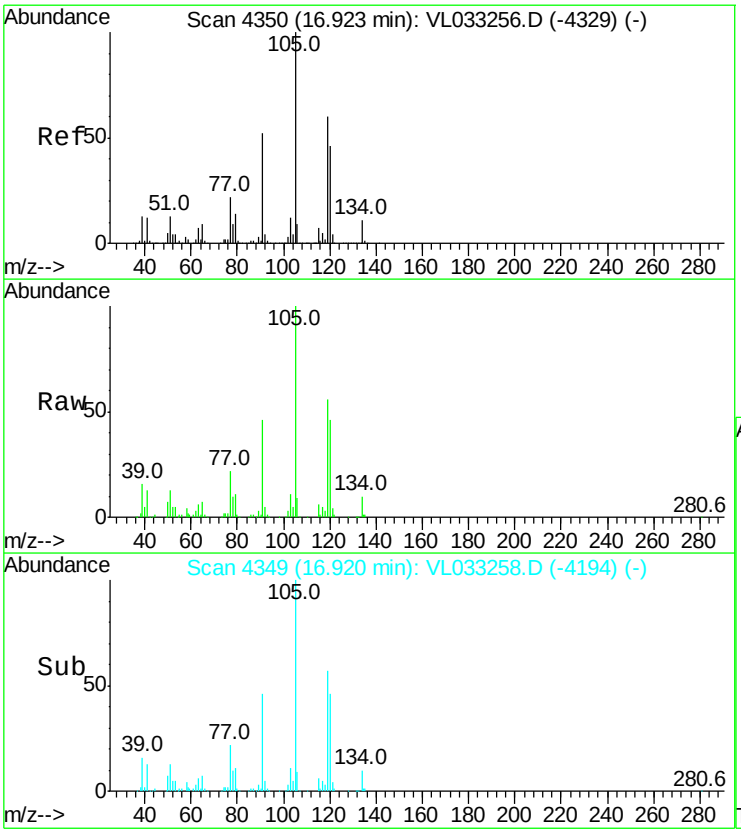
#73
1,3,5-Trimethylbenzene
Concen: 0.950 ppbv
RT: 16.16 min Scan# 4111
Delta R.T. 0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 279845

Ion	Ratio	Lower	Upper
105	100		
120	42.5	36.6	55.0

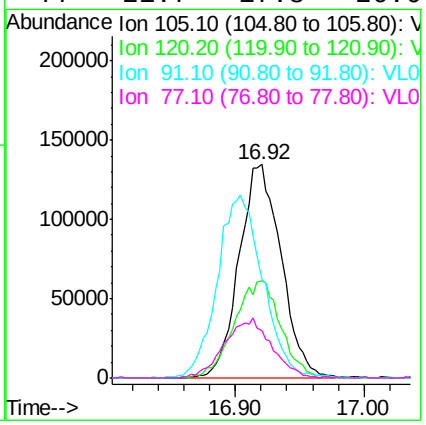


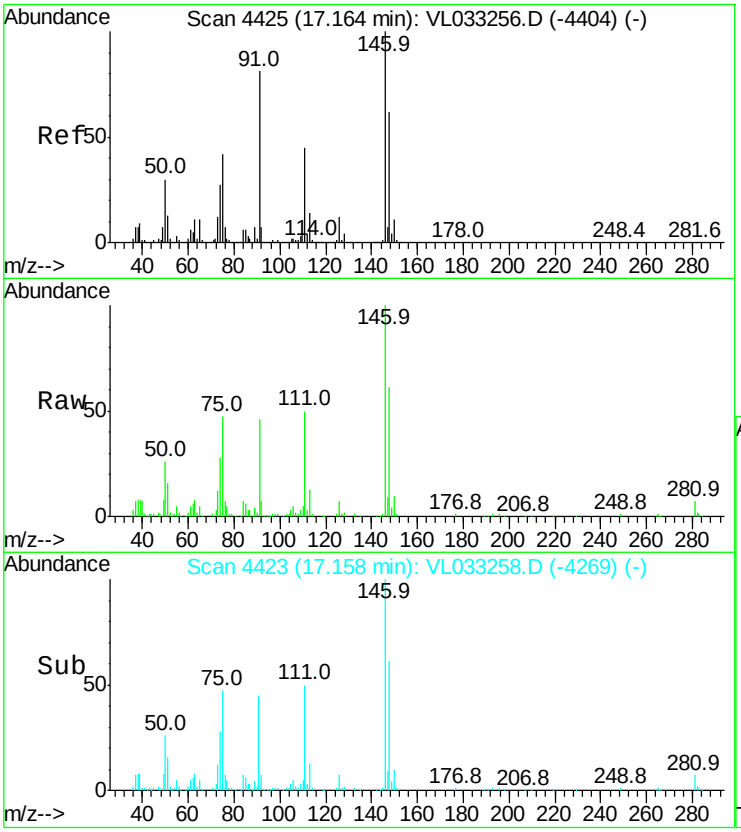


#74
1,2,4-Trimethylbenzene
Concen: 0.985 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. -0.00 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:105 Resp: 305156

Ion	Ratio	Lower	Upper
105	100		
120	45.8	36.7	55.1
91	45.5	42.1	63.1
77	21.7	17.8	26.6



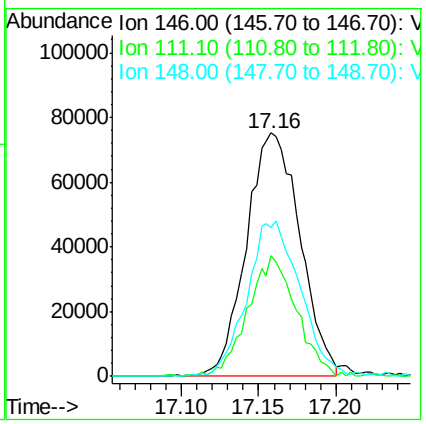


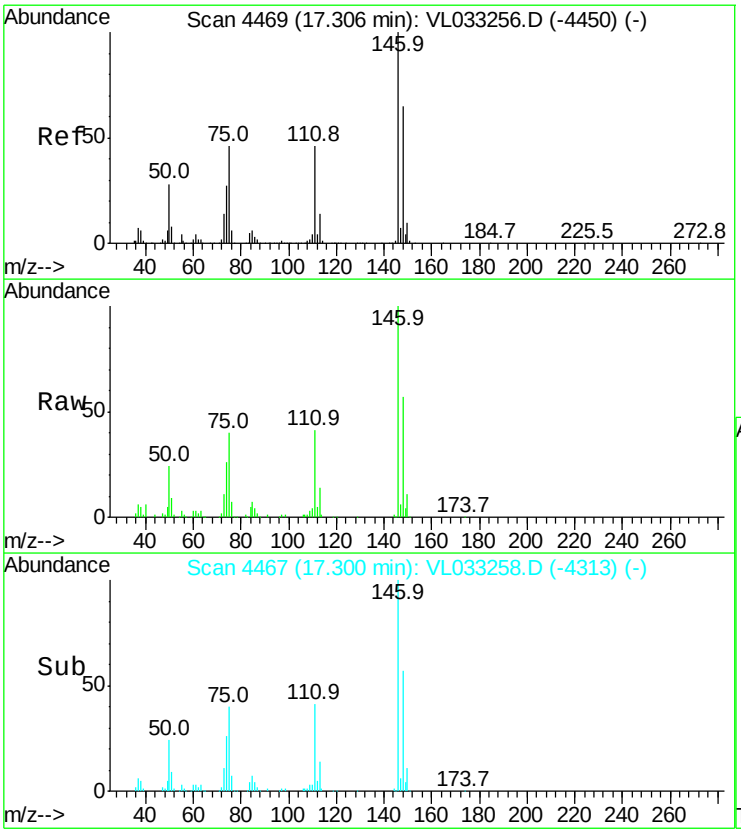
#75
1,3-Dichlorobenzene
Concen: 1.002 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 181532

Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.7
148	63.9	31.6	94.7





#76
1,4-Dichlorobenzene
Concen: 0.963 ppbv
RT: 17.30 min Scan# 4467
Delta R.T. -0.01 min
Lab File: VL033258.D
Acq: 8 Mar 2019 14:04

Tgt Ion:146 Resp: 172851

Ion	Ratio	Lower	Upper
146	100		
111	46.4	22.6	67.7
148	64.1	32.3	96.9