Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030619\

Quantitation Report (Not Reviewed)

Data File : VL033242.D
Acq On : 6 Mar 2019 3:17
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 04:23:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 02:40:20 2019
QLast Update : Wed Mar 06 02:40:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1112574	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2453449	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2433518	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1839362	9.82	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	168953	0.857	ppbv	98
3) Chlorodifluoromethane	3.02	51	119744	0.913	ppbv	100
4) Chloromethane	3.17	50	62428	0.908	ppbv	97
5) Vinyl Chloride	3.30	62	61002	0.838	ppbv	97
6) Bromomethane	3.52	94	44562	1.120	ppbv	91
7) Chloroethane	3.61	64	25964	1.096	ppbv #	87
8) Dichlorotetrafluoroethane	3.22	85	154802	0.946	ppbv	99
9) Propene	3.04	41	55095	0.875	ppbv	98
10) Heptane	8.25	43	154085	0.810	ppbv	99
11) Trichlorofluoromethane	4.01	101	199633	1.174	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.56	101	128897	1.100	ppbv	99
13) Ethanol	3.65	45	12254	0.574	ppbv #	37
14) Bromoethene	3.79	108	50610	1.006	ppbv	96
15) Acetone	3.90	43	162908	1.316	ppbv	100
16) 1,3-Butadiene	3.37	39	54892	0.938	ppbv	99
17) tert-Butyl alcohol	4.35	59	2763	0.116	ppbv #	74
18) 1,1-Dichloroethene	4.35	96	55285	1.063	ppbv	97
19) Isopropyl Alcohol	4.03	45	98301	1.143	ppbv #	96
20) Methylene Chloride	4.41	84	61620	1.257	ppbv	87
21) Allyl Chloride	4.48	41	81608	1.010	ppbv	94
22) trans-1,2-Dichloroethene	4.96	96	36505	0.702	ppbv	97
23) Vinyl Acetate	5.16	43	218789	1.008	ppbv	98
24) 1,1-Dichloroethane	5.09	63	156926	1.015	ppbv	99
25) Ethyl Acetate	5.77	43	279518	0.988	ppbv	99
26) Hexane	5.78	57	133715	1.012	ppbv	94
27) Carbon Disulfide	4.62	76	115810	0.974	ppbv	97
28) Methyl tert-Butyl Ether	5.12	73	169564	0.937	ppbv	97
29) Chloroform	5.84	83	199543	0.984	ppbv	94
30) Cyclohexane	7.25	84	89731	0.759	ppbv	96
31) cis-1,2-Dichloroethene	5.64	61	118937	0.900	ppbv	95
32) 1,1,1-Trichloroethane	6.62	97	177858	0.794	ppbv	98
34) 2-Butanone	5.34	43	174595	1.083	ppbv	98
35) Carbon Tetrachloride	7.13	117	185313	0.980	ppbv	94
36) Benzene	7.01	78	238991	0.942	ppbv	99
37) 1,2-Dichloroethane	6.41	62	146482	1.019	ppbv	100
38) Trichloroethene	7.96	130	89756	0.840	ppbv	94
39) 1,2-Dichloropropane	7.73	63	46363	0.471	ppbv	97
41) Tetrahydrofuran	6.17	42	97872	0.988	ppbv	98
42) Bromodichloromethane	7.91	83	201430	0.994	ppbv	98
43) Methyl Methacrylate	8.14	69	86716	0.864	ppbv	96
44) 2,2,4-Trimethylpentane	7.99	57	413138	0.970	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030619\

Quantitation Report (Not Reviewed)

Data File : VL033242.D
Acq On : 6 Mar 2019 3:17
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 04:23:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 02:40:20 2019
QLast Update : Wed Mar 06 02:40:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.42	75	99250	0.888	ppbv		95
46) cis-1,3-Dichloropropene	8.84	75	122155	0.859	ppbv		97
47) 1,1,2-Trichloroethane	9.61	97	96031	0.938	ppbv		96
48) Dibromochloromethane	10.44	129	82586	0.510	ppbv	#	25
49) Bromoform	13.20	173	61033	0.443	ppbv	#	29
50) 4-Methyl-2-Pentanone	8.88	43	248303	0.981	ppbv		99
51) 2-Hexanone	10.28	43	182676	0.922	ppbv	#	97
52) Tetrachloroethene	11.37	164	86599	0.902	ppbv		93
53) Toluene	9.95	91	255811	0.866	ppbv		99
54) 1,2-Dibromoethane	10.76	107	145205	0.908	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.28	131	113188	1.008	ppbv	#	1
57) Chlorobenzene	12.30	112	207551	0.979	ppbv	#	98
58) Ethyl Benzene	12.87	91	354679	0.901	ppbv		98
59) m/p-Xylene	13.12	91	346991	1.057	ppbv	#	50
60) o-Xylene	13.85	91	294979	0.923	ppbv		98
61) Styrene	13.69	104	192897	0.808	ppbv		99
62) Isopropylbenzene	14.82	105	401400	0.896	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.84	83	201518	0.809	ppbv		98
64) n-propylbenzene	15.72	120	50656	0.447	ppbv	#	1
65) tert-Butylbenzene	16.91	119	353457	0.909	ppbv		97
66) Benzyl Chloride	17.15	91	103324	0.758	ppbv		99
67) sec-Butylbenzene	17.46	105	492963	0.875	ppbv		99
69) p-Isopropyltoluene	17.81	119	397130	0.846	ppbv		98
70) n-Butylbenzene	18.71	91	445442	0.877	ppbv		98
71) 2-Chlorotoluene	15.62	91	315935	0.902	ppbv		98
72) 4-Ethyltoluene	16.00	105	312062	0.856	ppbv		99
73) 1,3,5-Trimethylbenzene	16.16	105	305783	0.878	ppbv		94
74) 1,2,4-Trimethylbenzene	16.93	105	327820	0.905	ppbv		98
75) 1,3-Dichlorobenzene	17.16	146	189625	0.910	ppbv		98
76) 1,4-Dichlorobenzene	17.31	146	185002	0.897	ppbv		99
77) 1,2-Dichlorobenzene	17.99	146	181572	0.882	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	63135	0.579	ppbv	#	18
79) Naphthalene	22.42	128	346332	0.842	ppbv	#	96
80) Naphthalene,2-methyl-	25.12	142	61014	0.297	ppbv		98
81) 1,2,4-Trichlorobenzene	22.14	180	184126	0.893	ppbv		99

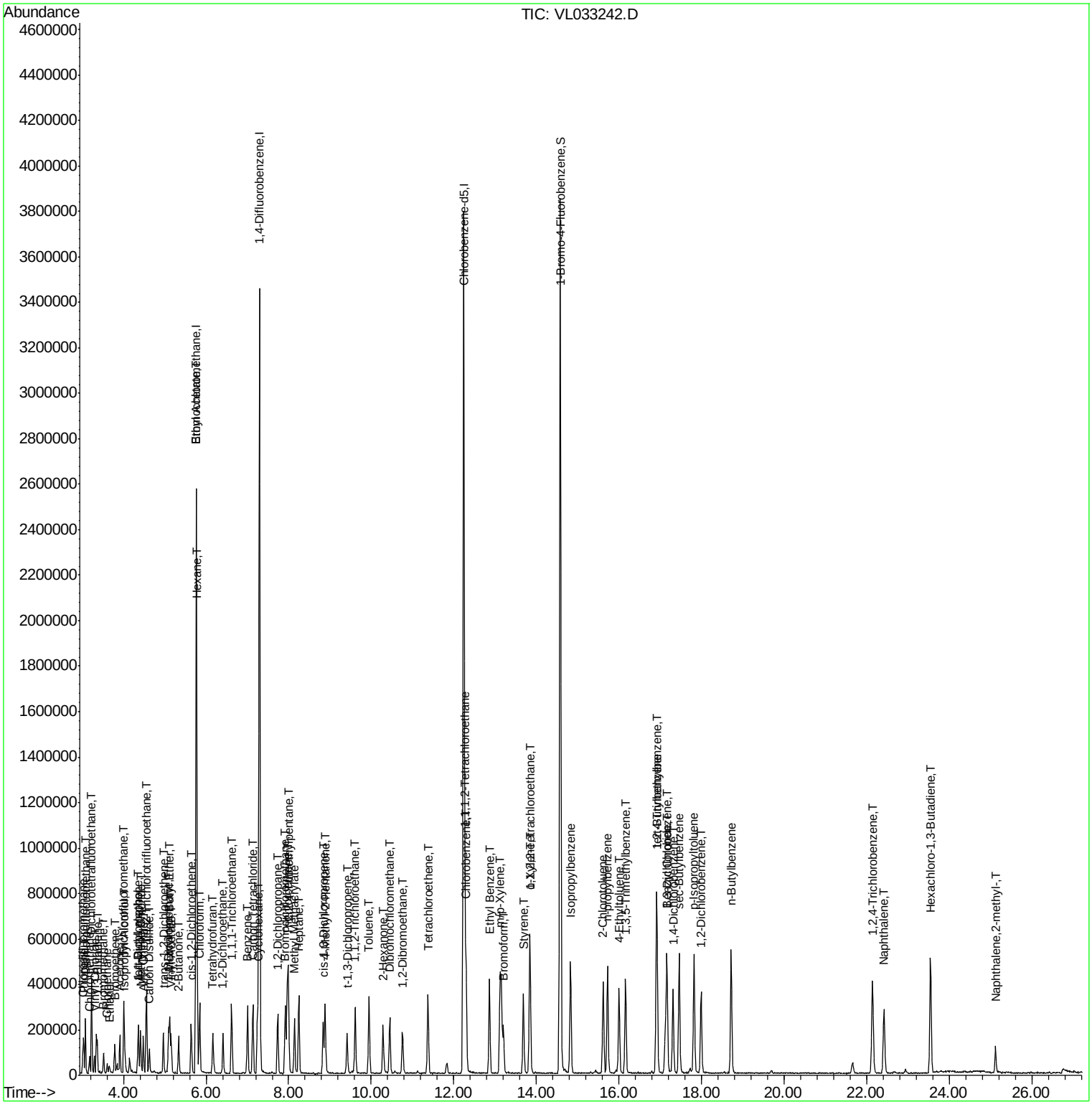
(#) = qualifier out of range (m) = manual integration (+) = signals summed

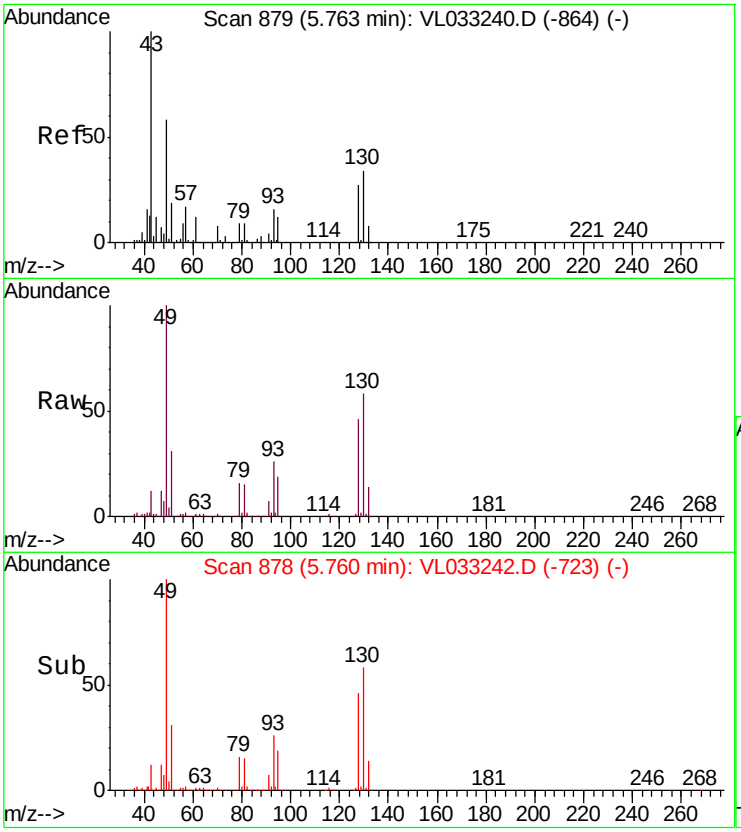
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030619\

Quantitation Report (Not Reviewed)

Data File : VL033242.D
Acq On : 6 Mar 2019 3:17
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 06 04:23:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 02:40:20 2019
QLast Update : Wed Mar 06 02:40:20 2019
Response via : Initial Calibration

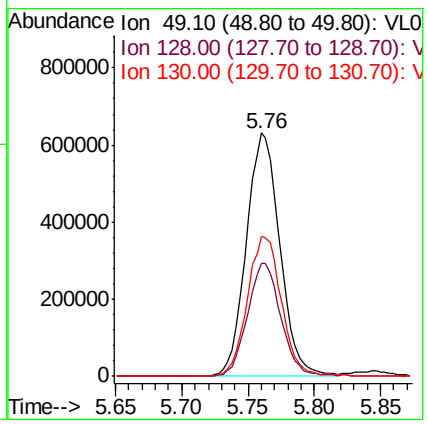


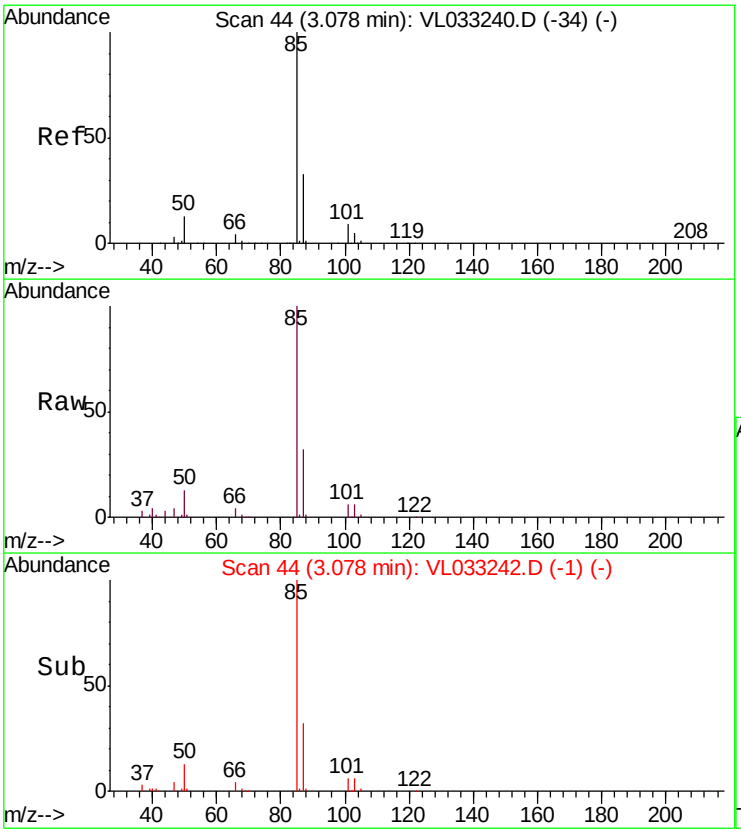


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 49 Resp: 1112574

Ion	Ratio	Lower	Upper
49	100		
128	46.2	22.9	68.8
130	58.7	29.3	88.0

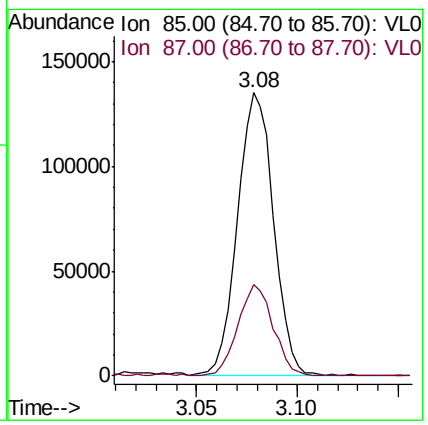


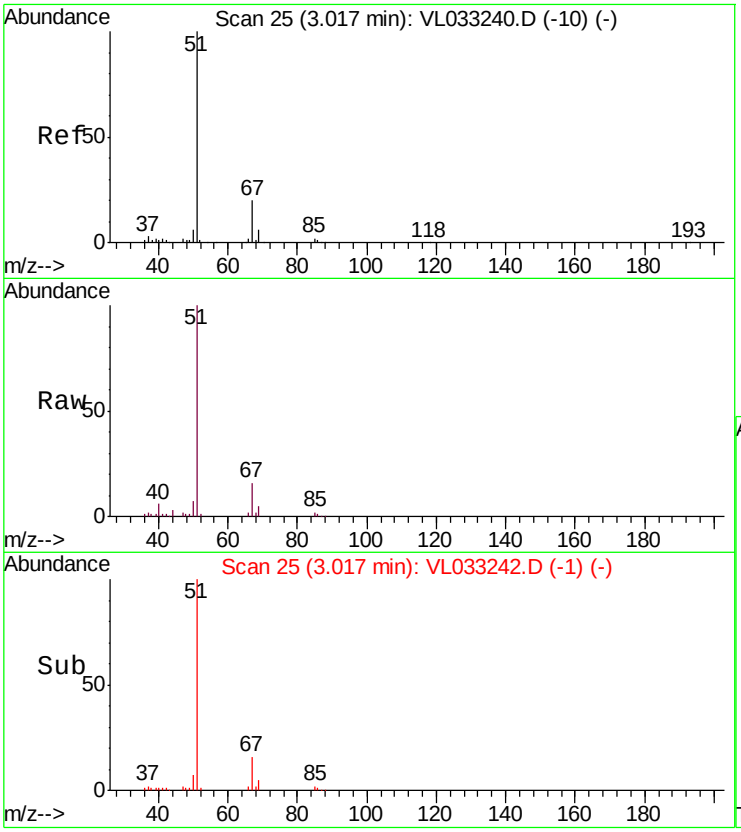


#2
Dichlorodifluoromethane
Concen: 0.857 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 85 Resp: 168953

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.7	40.1

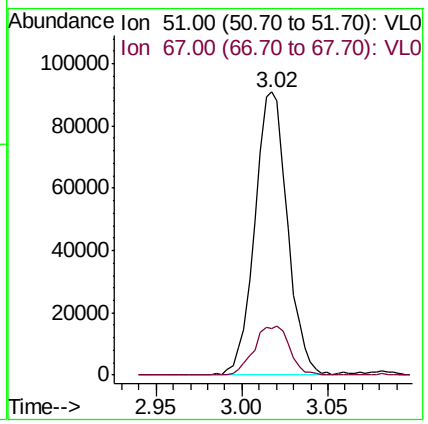


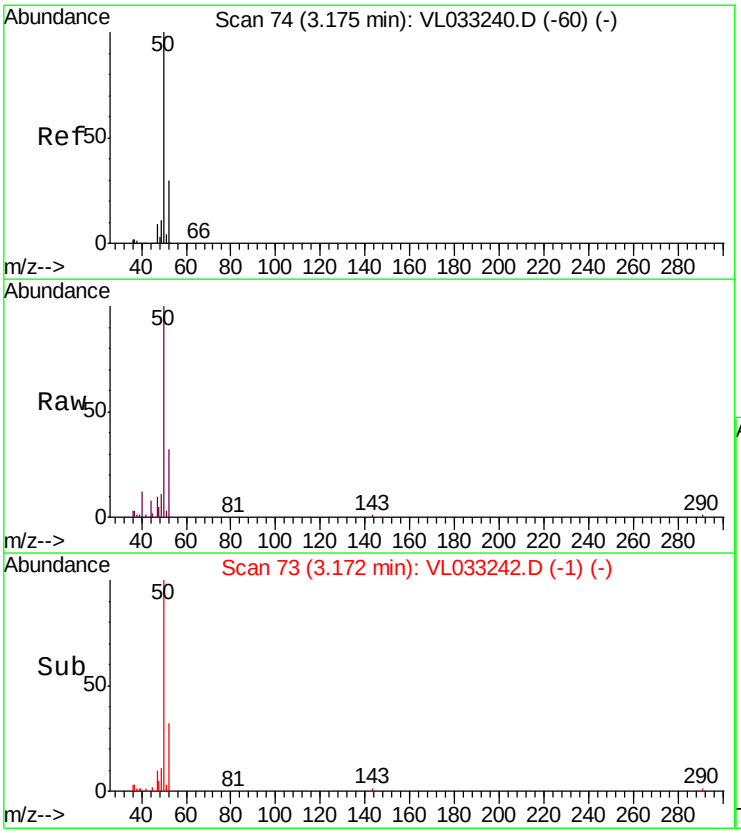


#3
Chlorodifluoromethane
Concen: 0.913 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 51 Resp: 119744

Ion	Ratio	Lower	Upper
51	100		
67	18.6	15.0	22.4

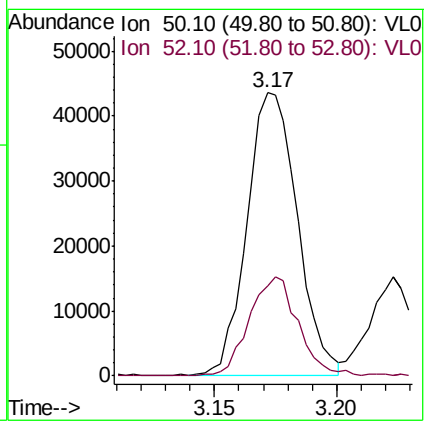


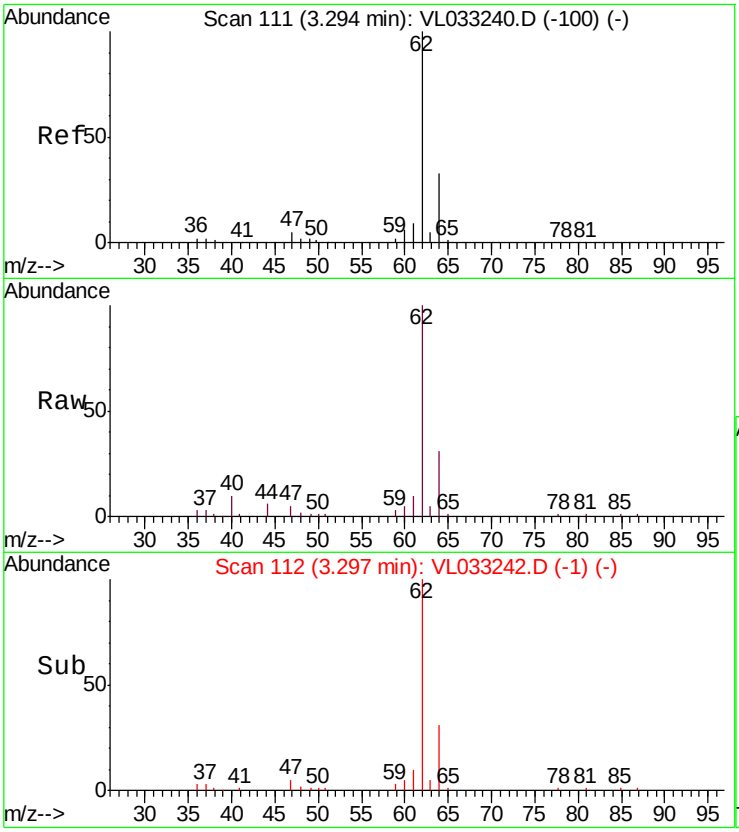


#4
Chloromethane
Concen: 0.908 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 50 Resp: 62428

Ion	Ratio	Lower	Upper
50	100		
52	31.8	24.3	36.5

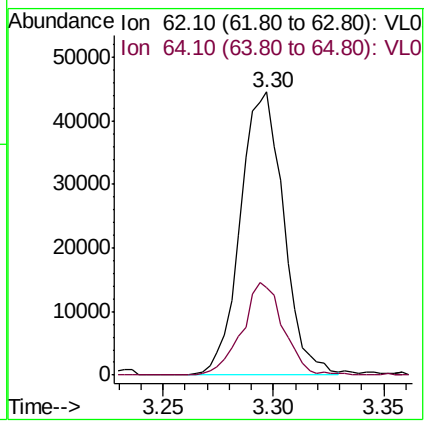


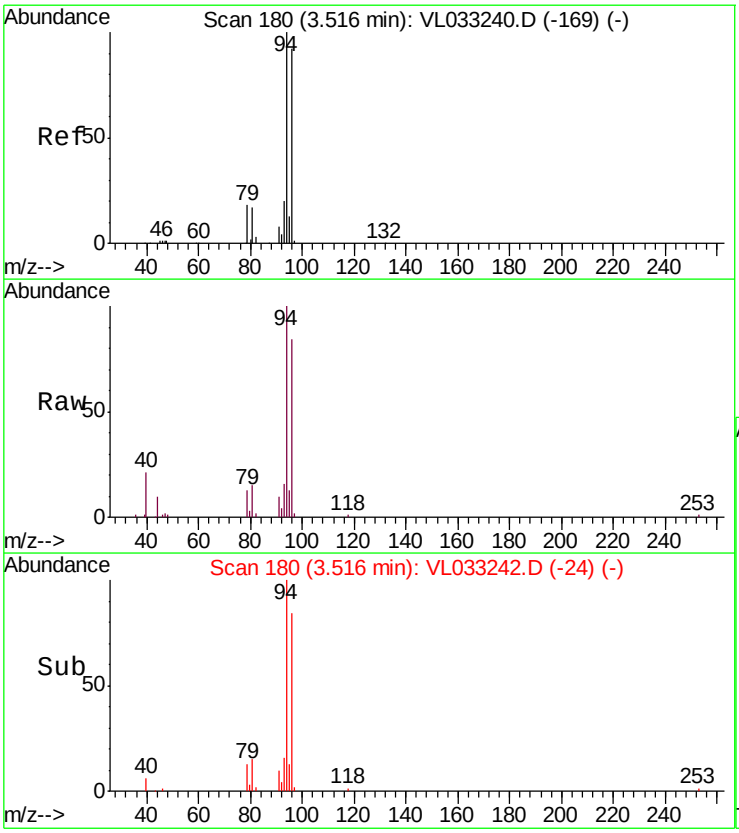


#5
Vinyl Chloride
Concen: 0.838 ppbv
RT: 3.30 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 62 Resp: 61002

Ion	Ratio	Lower	Upper
62	100		
64	31.0	26.2	39.2

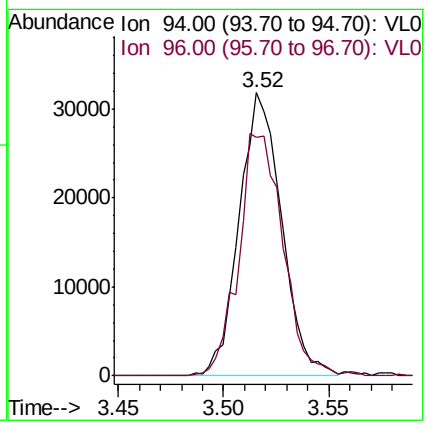


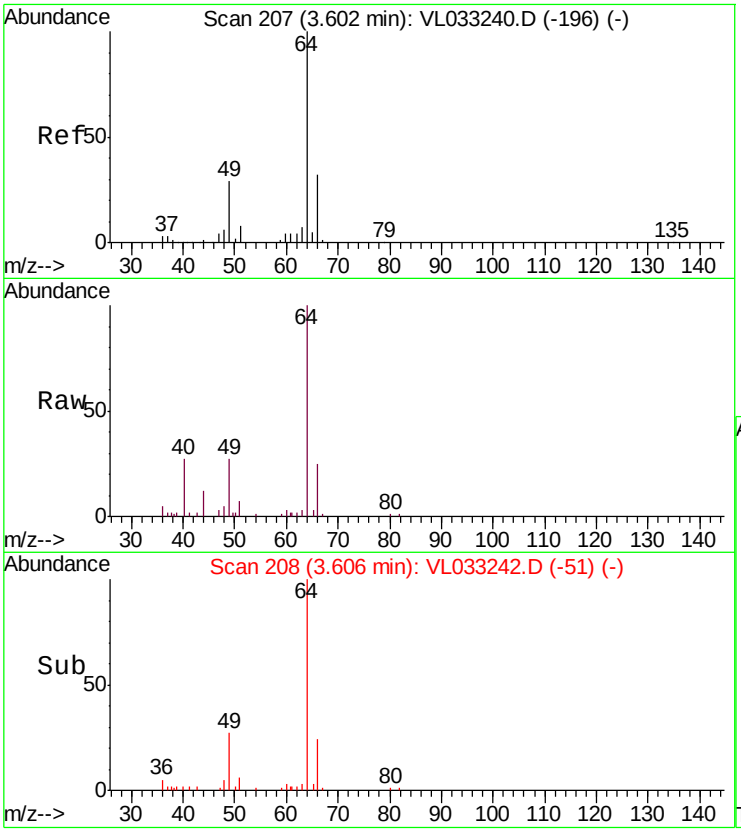


#6
Bromomethane
Concen: 1.120 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 94 Resp: 44562

Ion	Ratio	Lower	Upper
94	100		
96	84.2	74.0	111.0

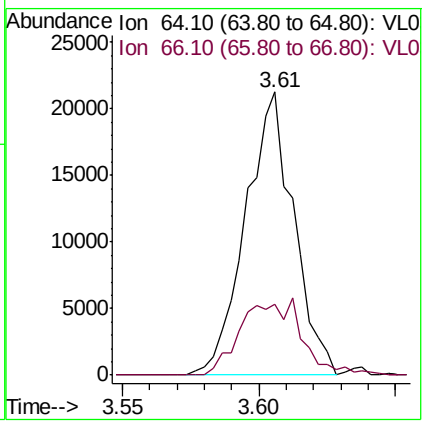


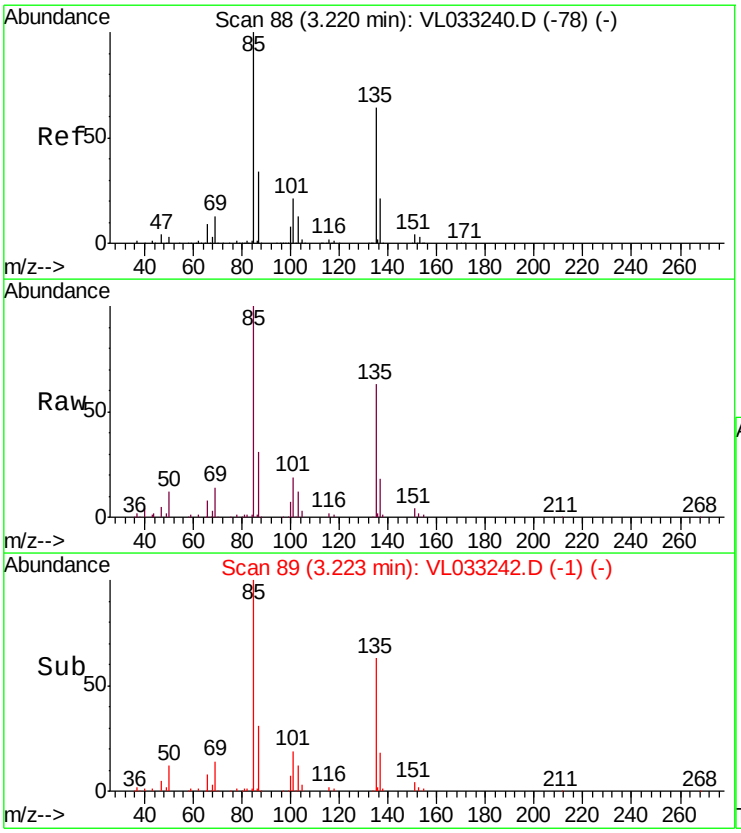


#7
Chloroethane
Concen: 1.096 ppbv
RT: 3.61 min Scan# 208
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 64 Resp: 25964

Ion	Ratio	Lower	Upper
64	100		
66	25.0	25.7	38.5#

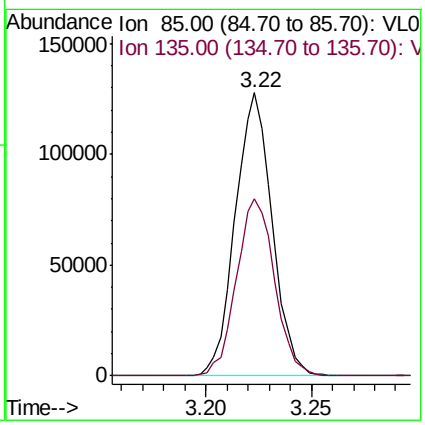


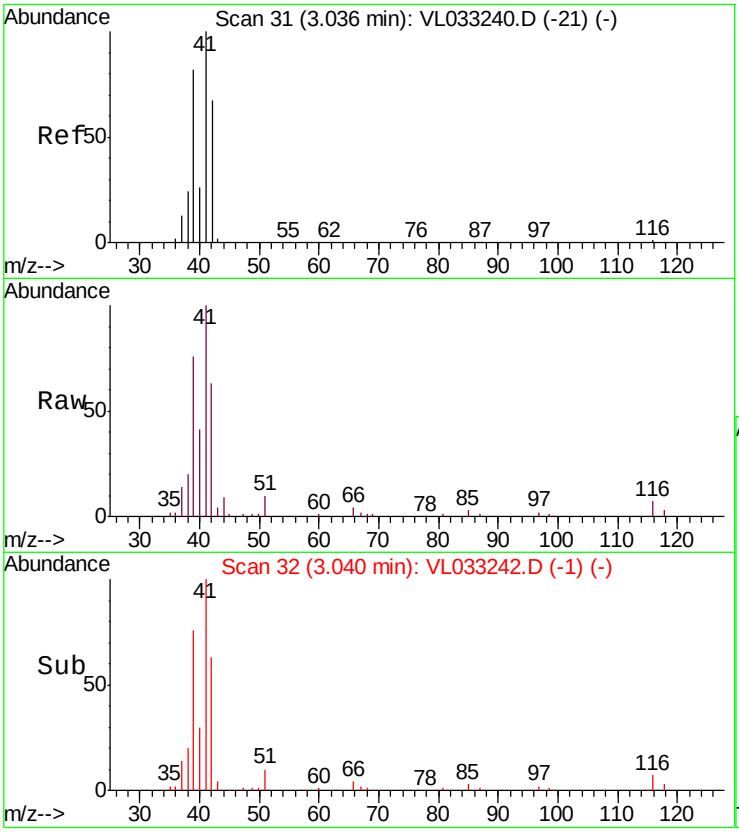


#8
Dichlorotetrafluoroethane
Concen: 0.946 ppbv
RT: 3.22 min Scan# 89
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 85 Resp: 154802

Ion	Ratio	Lower	Upper
85	100		
135	64.8	52.6	79.0

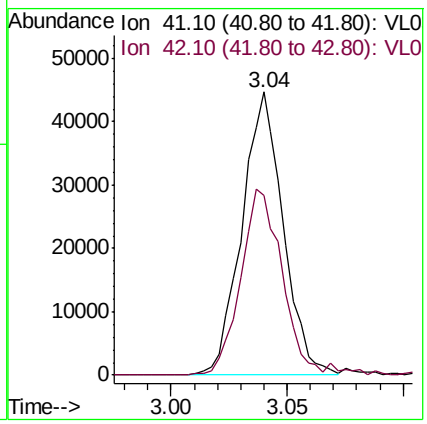


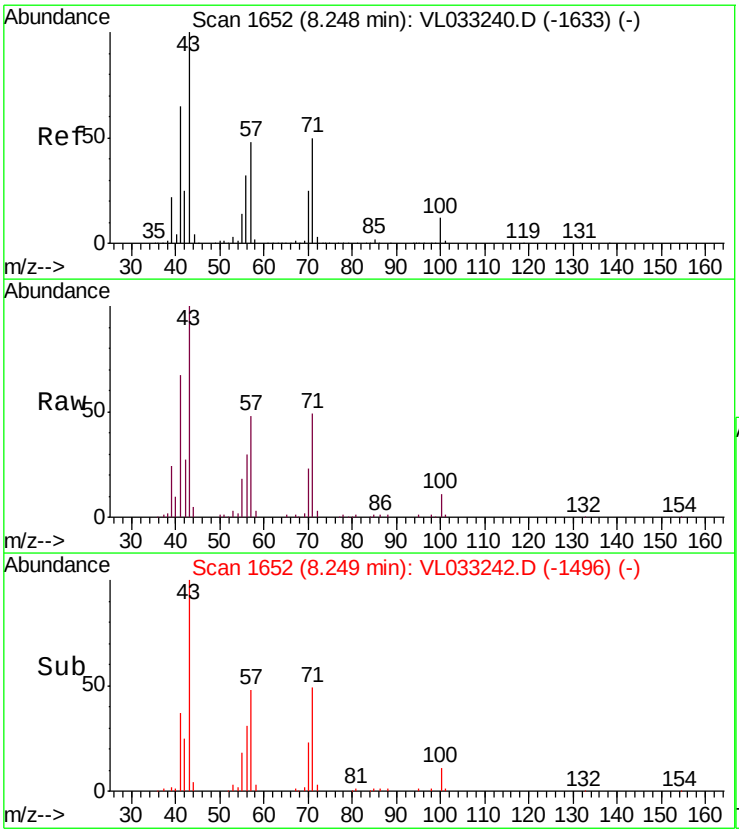


#9
Propene
Concen: 0.875 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 41 Resp: 55095

Ion	Ratio	Lower	Upper
41	100		
42	67.3	55.3	82.9

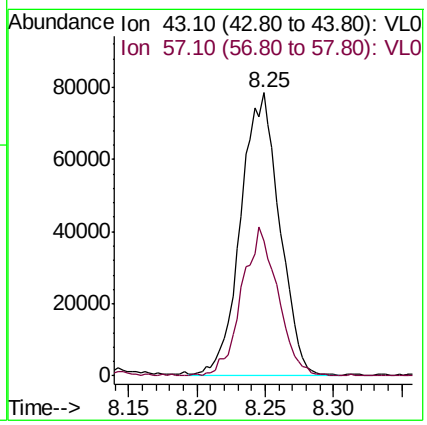


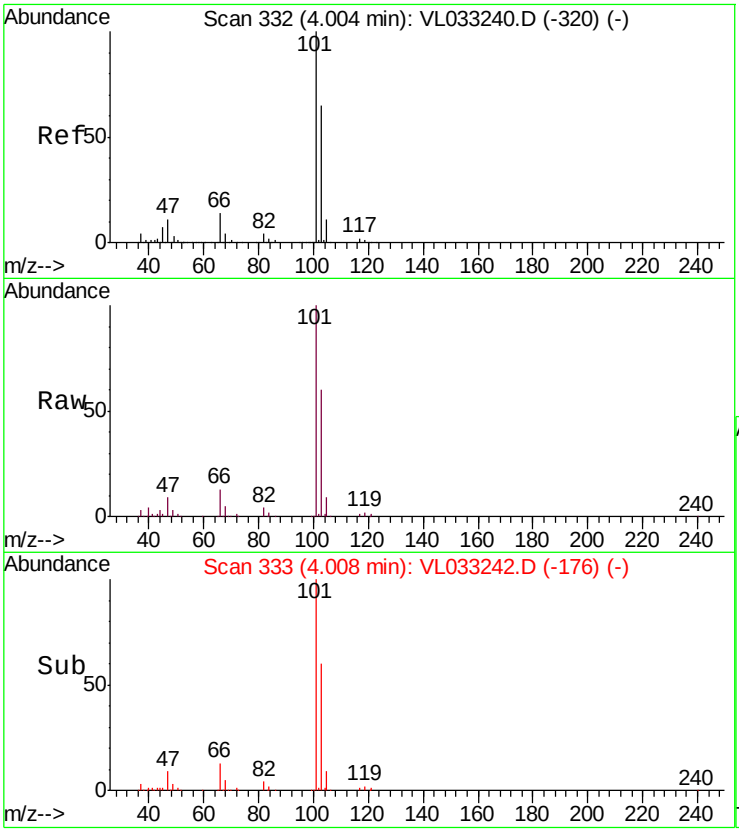


#10
Heptane
Concen: 0.810 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 154085

Ion	Ratio	Lower	Upper
43	100		
57	49.1	39.8	59.6

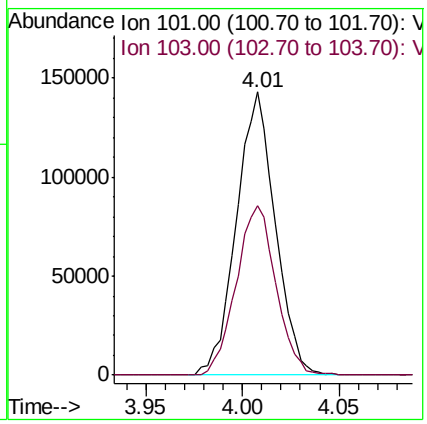


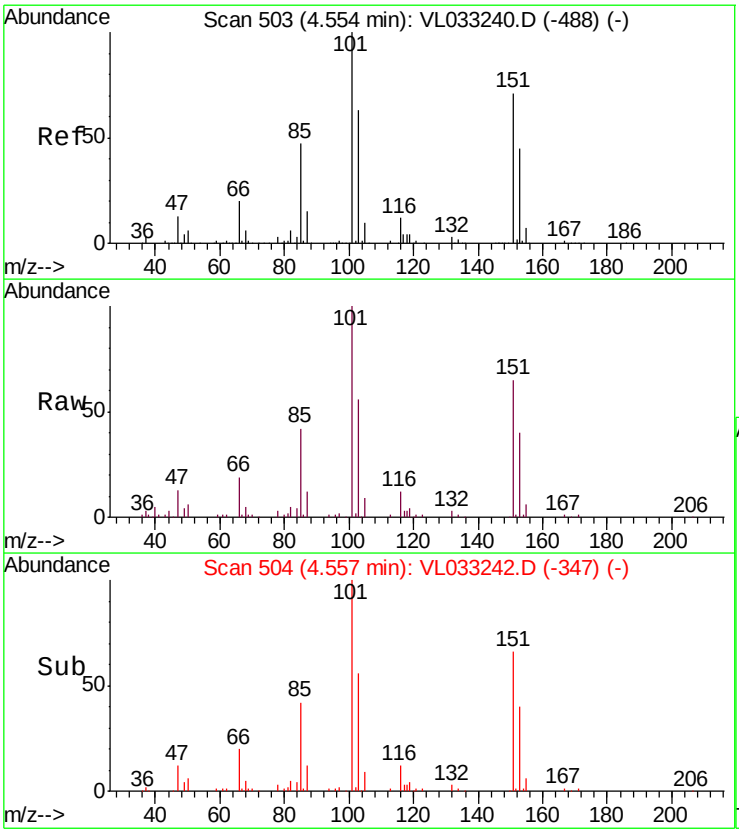


#11
Trichlorofluoromethane
Concen: 1.174 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:101 Resp: 199633

Ion	Ratio	Lower	Upper
101	100		
103	59.8	51.7	77.5

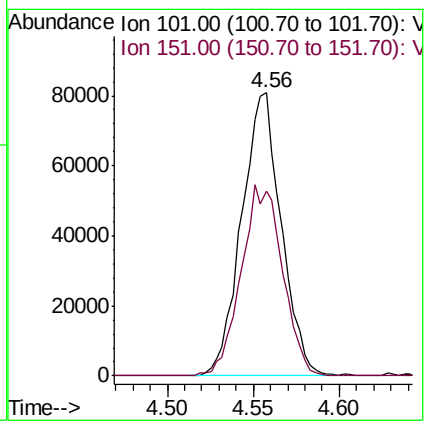


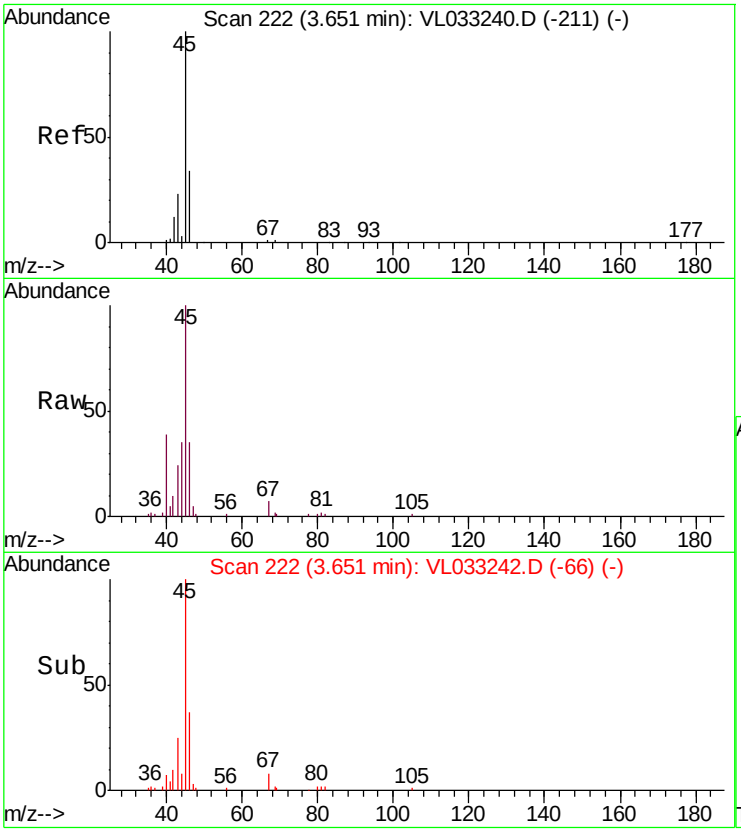


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.100 ppbv
RT: 4.56 min Scan# 504
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:101 Resp: 128897

Ion	Ratio	Lower	Upper
101	100		
151	70.5	57.0	85.6

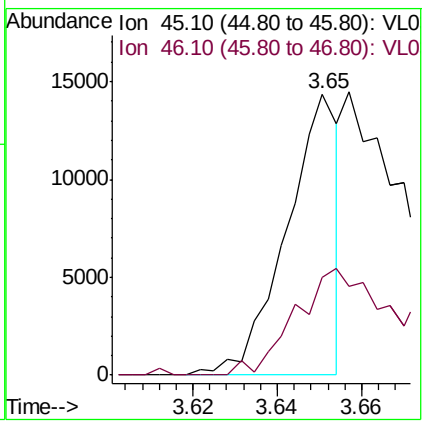


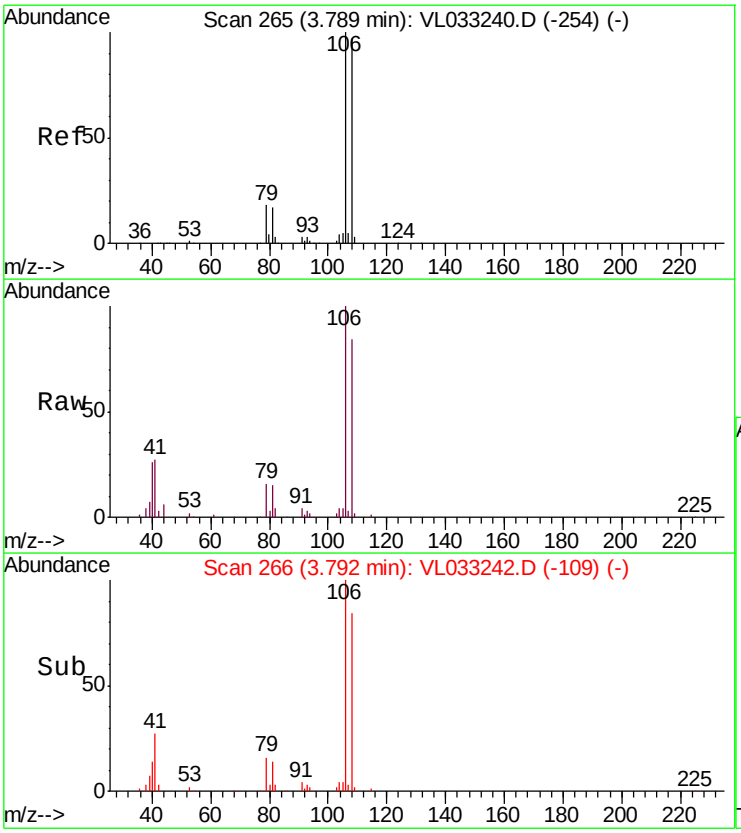


#13
Ethanol
Concen: 0.574 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 45 Resp: 12254

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.3	61.3#

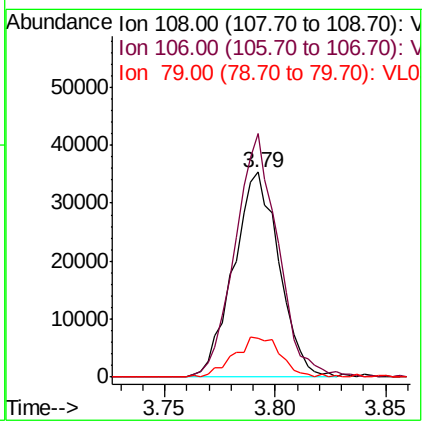


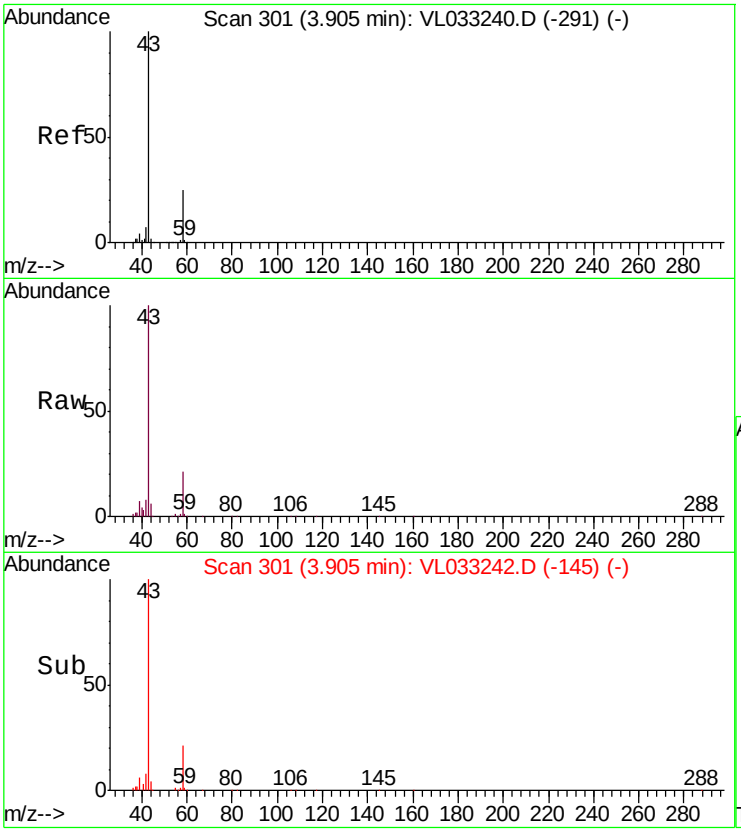


#14
Bromoethene
Concen: 1.006 ppbv
RT: 3.79 min Scan# 266
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:108 Resp: 50610

Ion	Ratio	Lower	Upper
108	100		
106	112.0	85.5	128.3
79	19.9	15.3	22.9

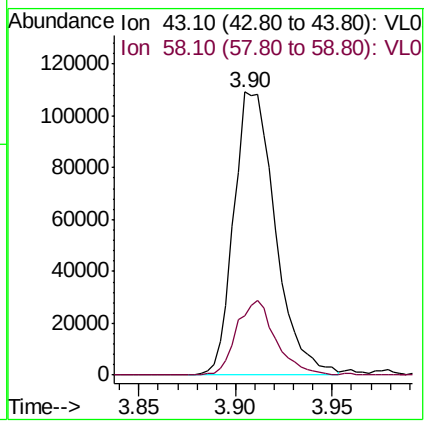


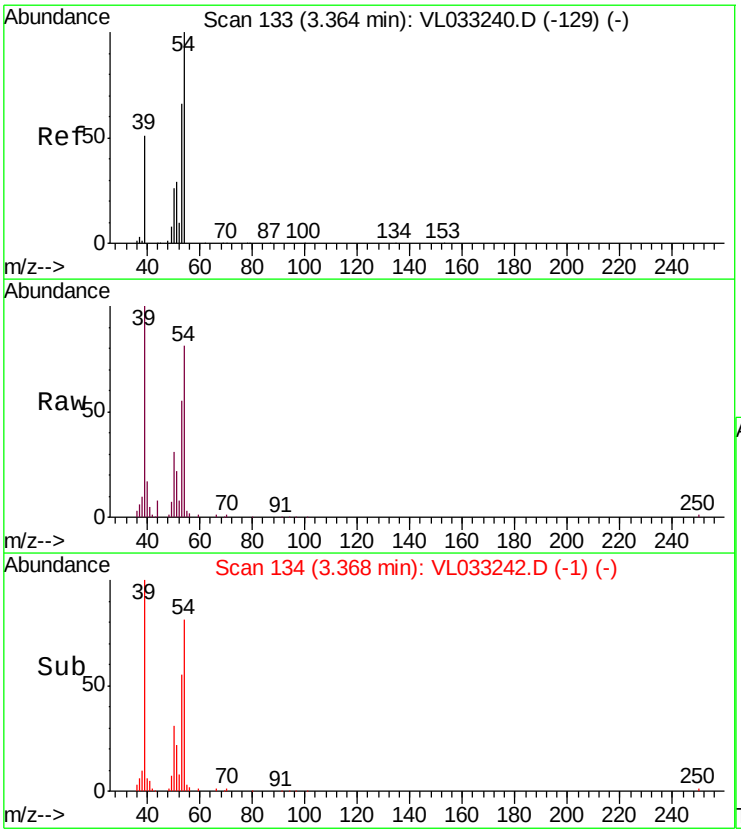


#15
Acetone
Concen: 1.316 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 162908

Ion	Ratio	Lower	Upper
43	100		
58	25.2	20.2	30.4

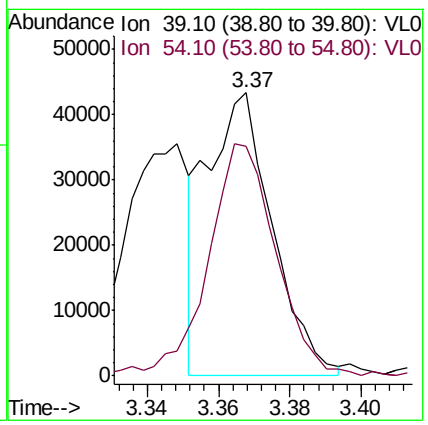


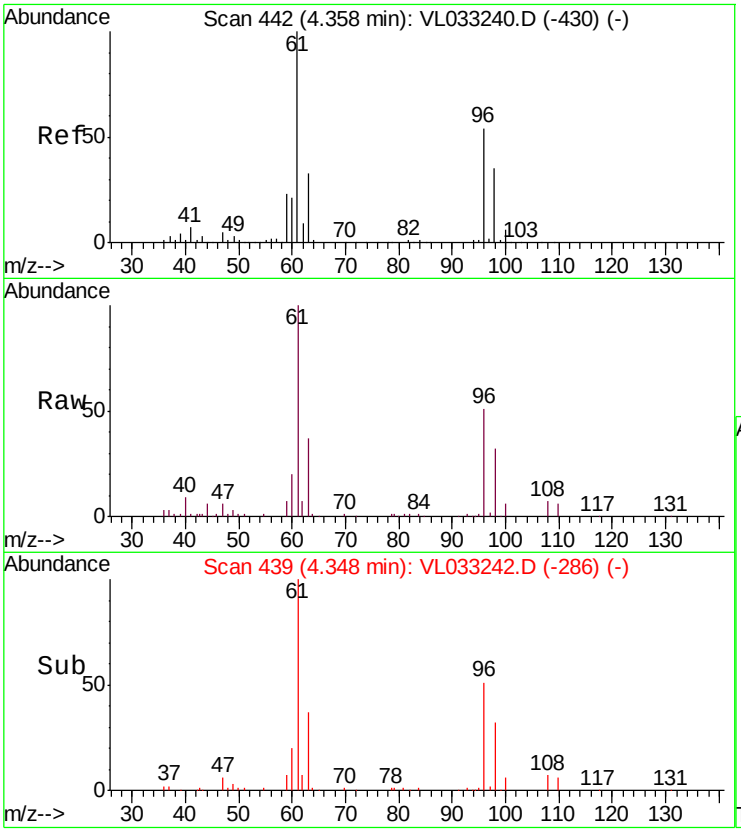


#16
1,3-Butadiene
Concen: 0.938 ppbv
RT: 3.37 min Scan# 134
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 39 Resp: 54892

Ion	Ratio	Lower	Upper
39	100		
54	85.7	69.6	104.4

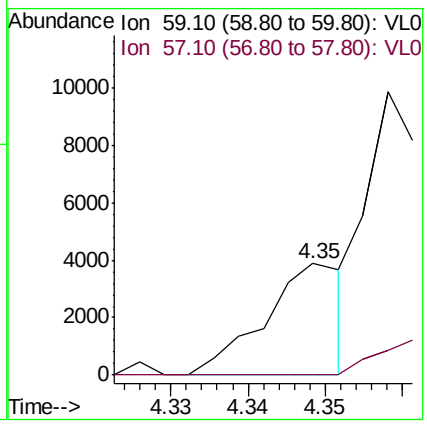


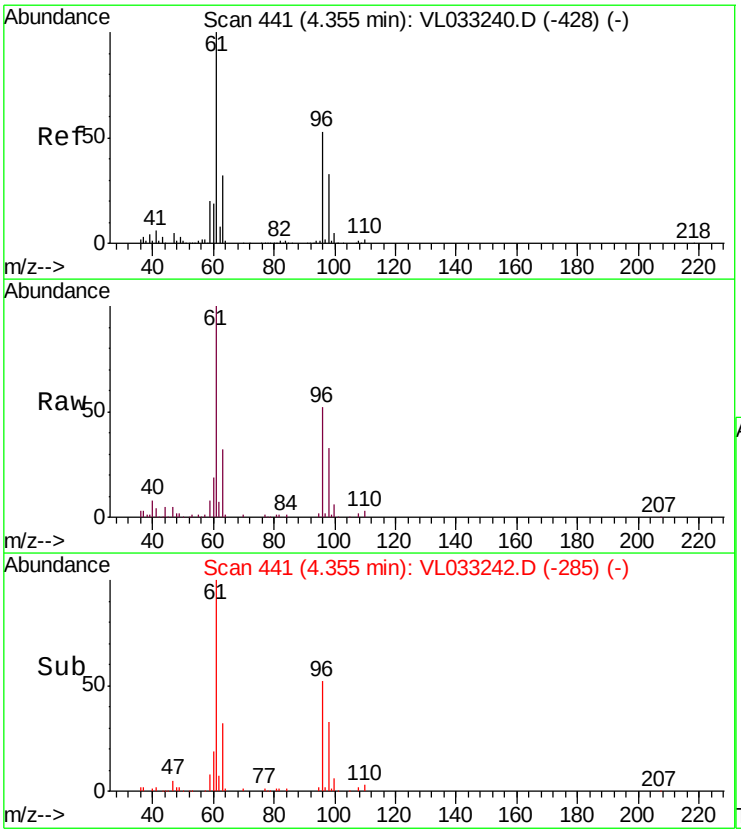


#17
tert-Butyl alcohol
Concen: 0.116 ppbv
RT: 4.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 59 Resp: 2763

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#

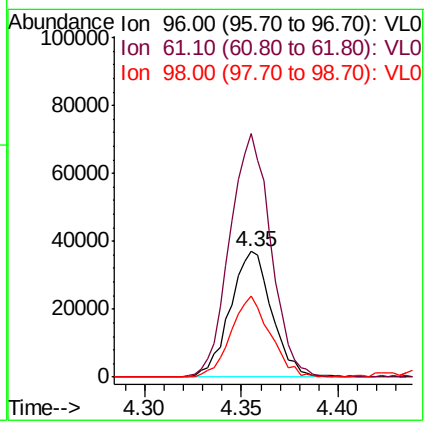


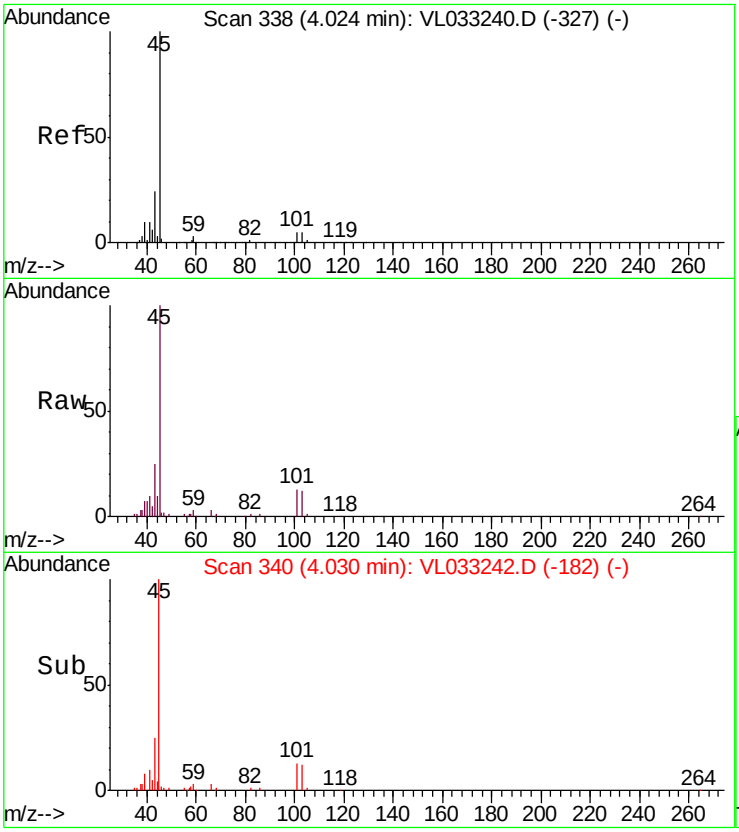


#18
1,1-Dichloroethene
Concen: 1.063 ppbv
RT: 4.35 min Scan# 441
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 96 Resp: 55285

Ion	Ratio	Lower	Upper
96	100		
61	192.3	150.2	225.2
98	64.2	49.2	73.8

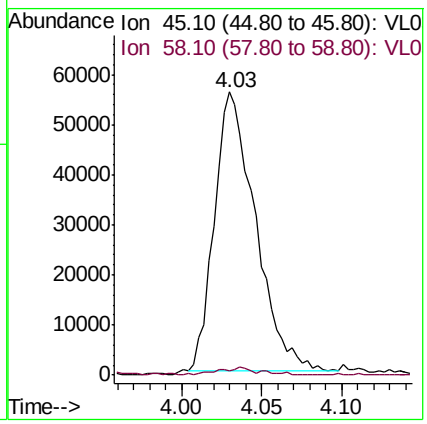


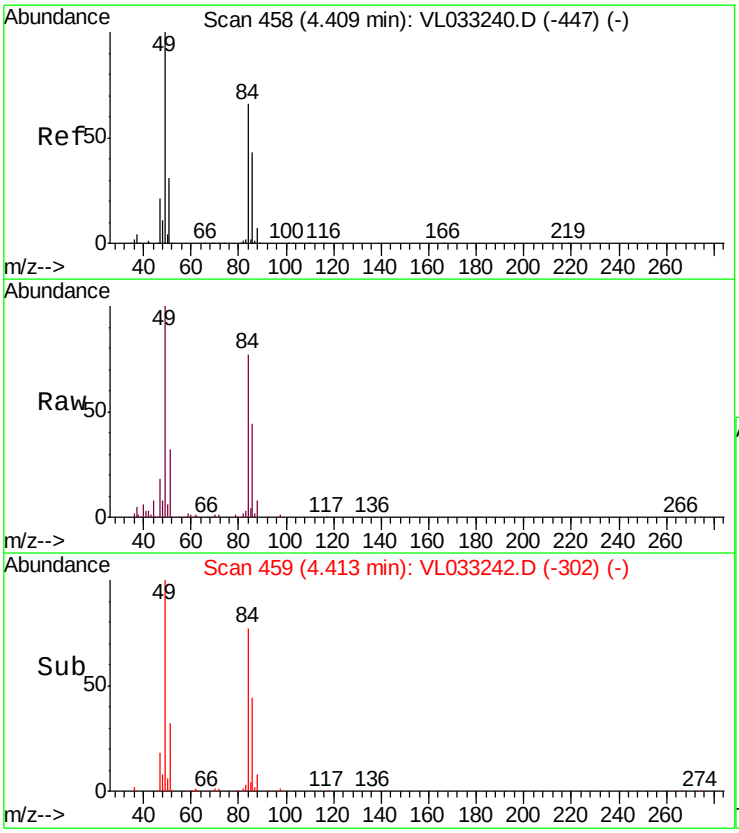


#19
Isopropyl Alcohol
Concen: 1.143 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 45 Resp: 98301

Ion	Ratio	Lower	Upper
45	100		
58	3.1	1.4	2.0#

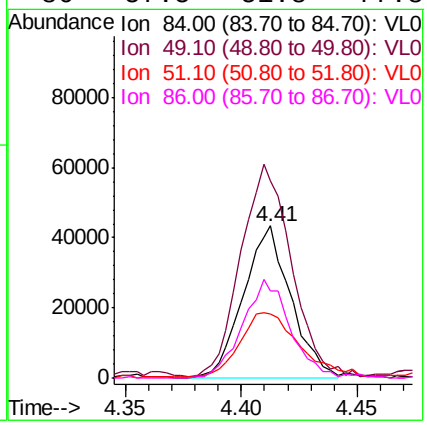


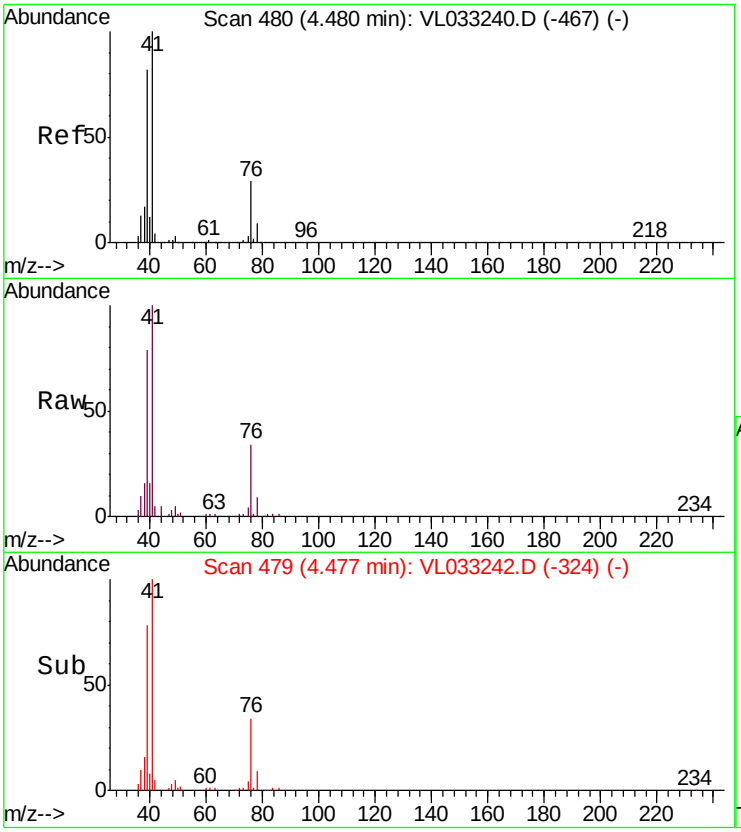


#20
Methylene Chloride
Concen: 1.257 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 84 Resp: 61620

Ion	Ratio	Lower	Upper
84	100		
49	129.3	120.4	180.6
51	41.3	36.7	55.1
86	57.5	51.8	77.8

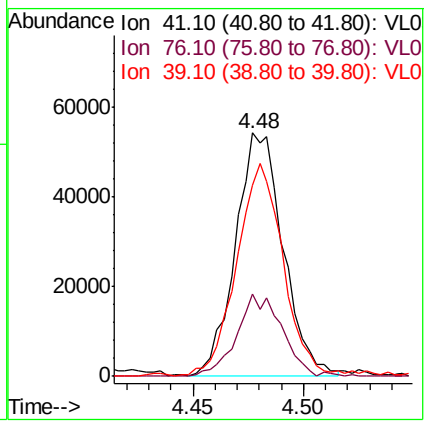


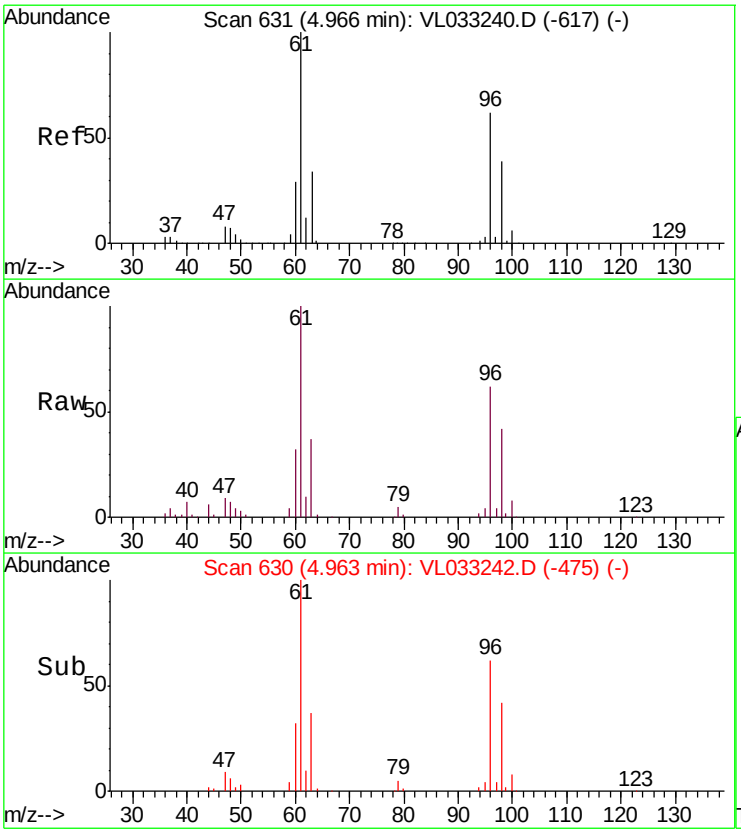


#21
Allyl Chloride
Concen: 1.010 ppbv
RT: 4.48 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 41 Resp: 81608

Ion	Ratio	Lower	Upper
41	100		
76	32.3	24.6	36.8
39	88.1	65.2	97.8

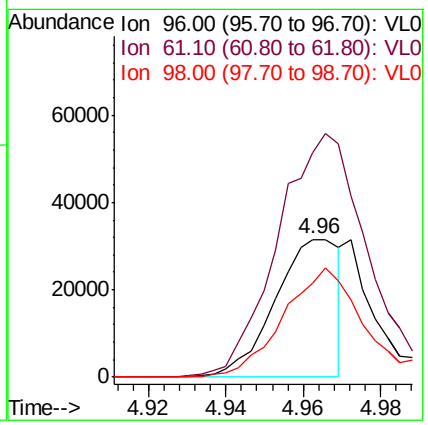


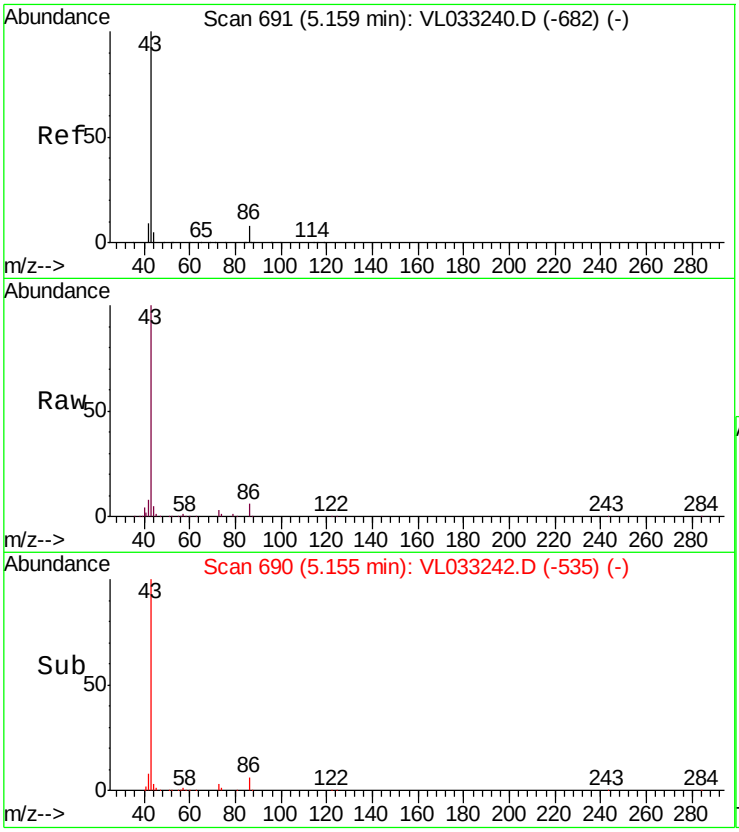


#22
trans-1,2-Dichloroethene
Concen: 0.702 ppbv
RT: 4.96 min Scan# 630
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 96 Resp: 36505

Ion	Ratio	Lower	Upper
96	100		
61	161.1	128.3	192.5
98	71.5	50.6	75.8

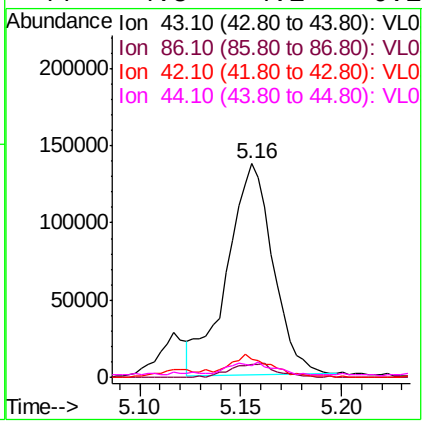


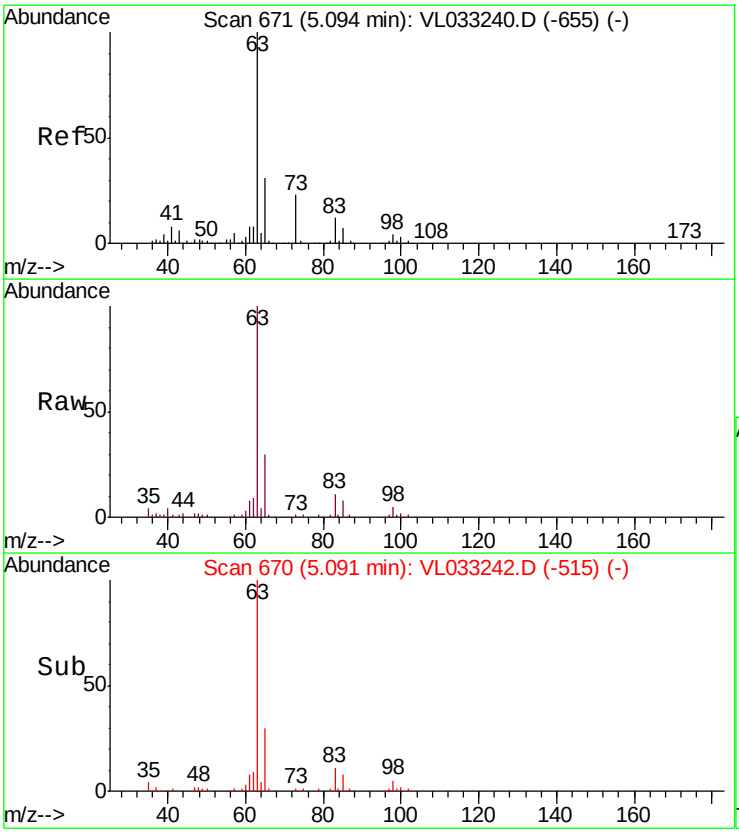


#23
Vinyl Acetate
Concen: 1.008 ppbv
RT: 5.16 min Scan# 690
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 218789

Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.5	8.3
42	8.6	7.7	11.5
44	4.5	4.1	6.1

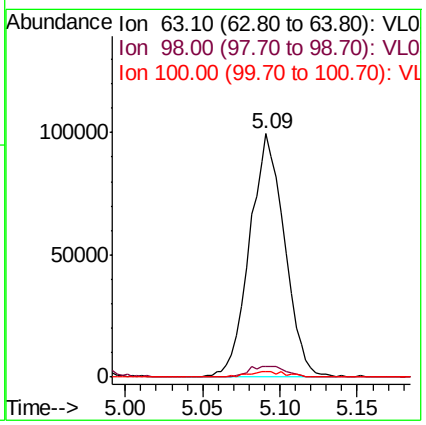


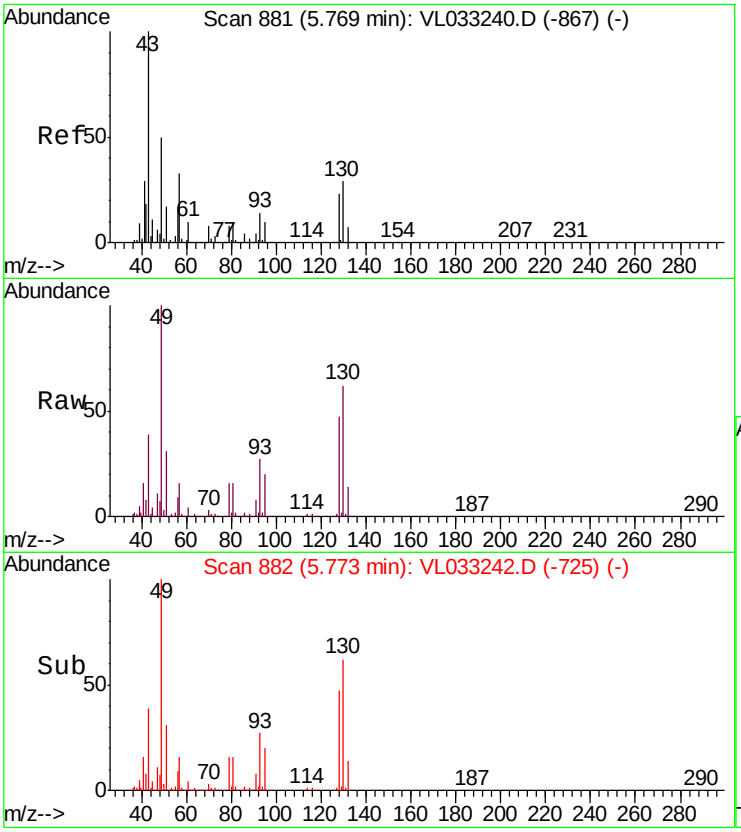


#24
1,1-Dichloroethane
Concen: 1.015 ppbv
RT: 5.09 min Scan# 670
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 63 Resp: 156926

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.3
100	2.2	1.3	3.8

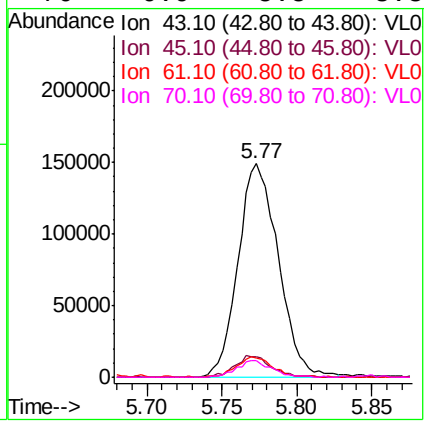


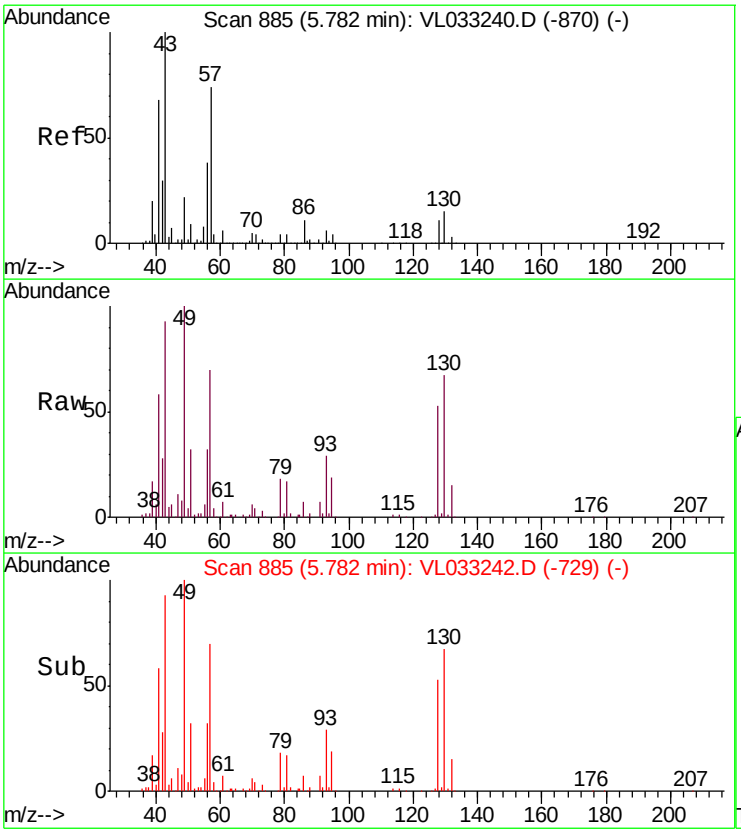


#25
Ethyl Acetate
Concen: 0.988 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 279518

Ion	Ratio	Lower	Upper
43	100		
45	9.0	7.8	11.6
61	8.8	7.0	10.6
70	6.9	5.5	8.3

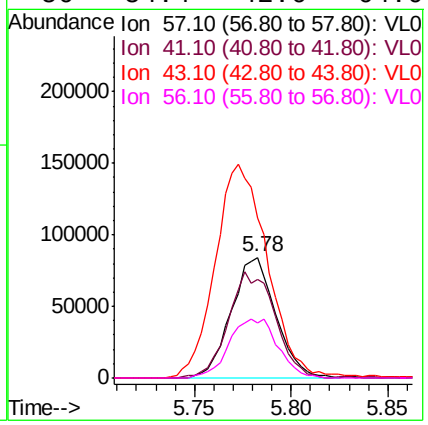


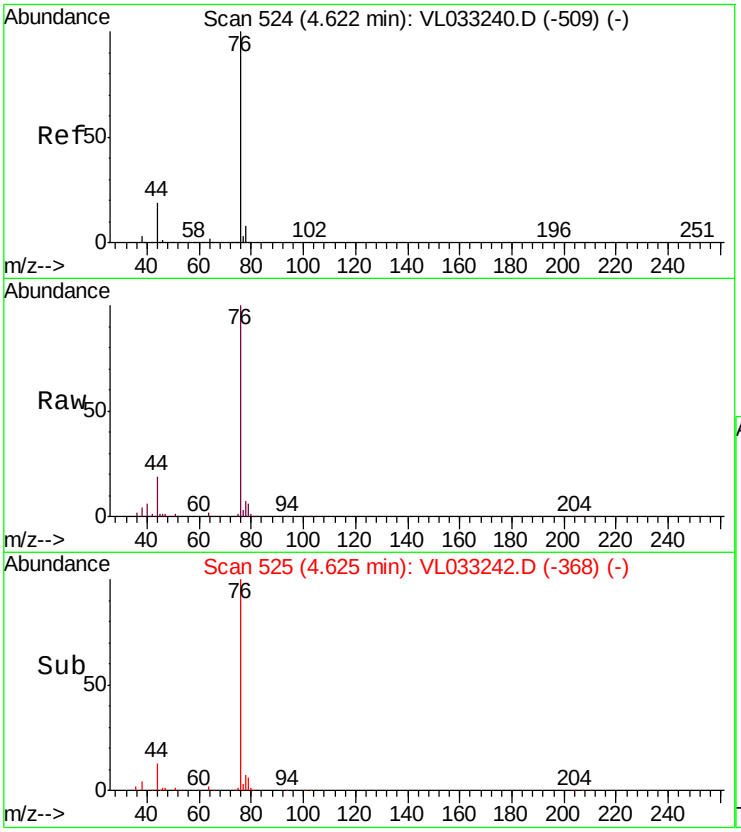


#26
Hexane
Concen: 1.012 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 57 Resp: 133715

Ion	Ratio	Lower	Upper
57	100		
41	94.8	73.4	110.2
43	213.4	182.1	273.1
56	54.4	42.6	64.0

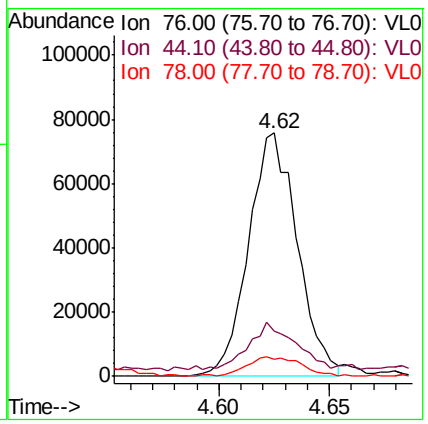


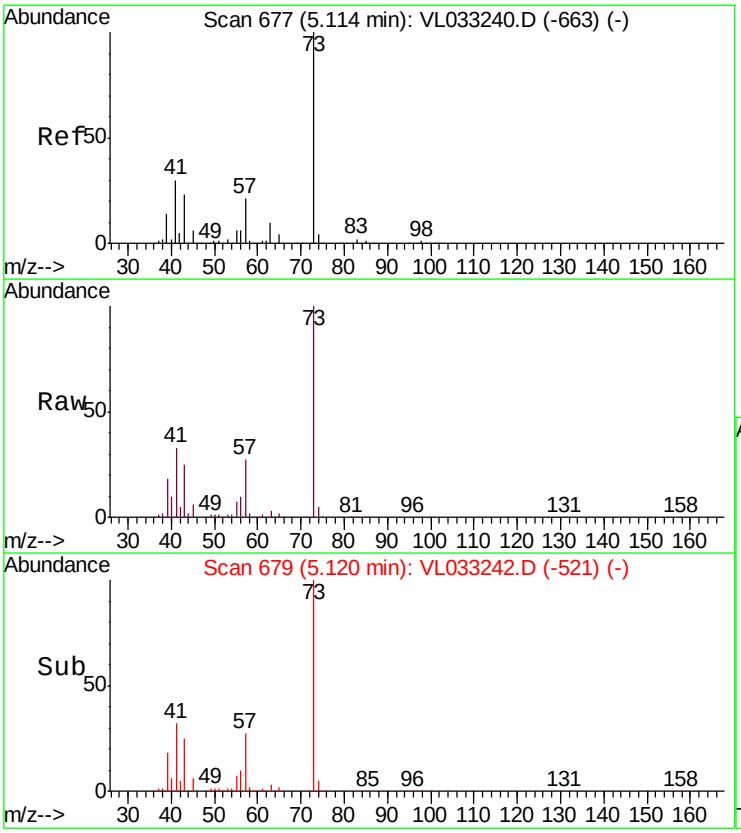


#27
Carbon Disulfide
Concen: 0.974 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 76 Resp: 115810

Ion	Ratio	Lower	Upper
76	100		
44	20.5	15.0	22.6
78	9.5	7.3	10.9

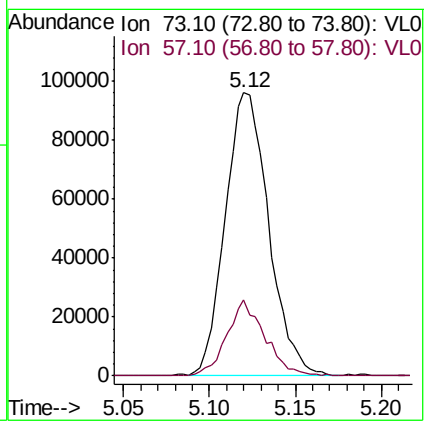


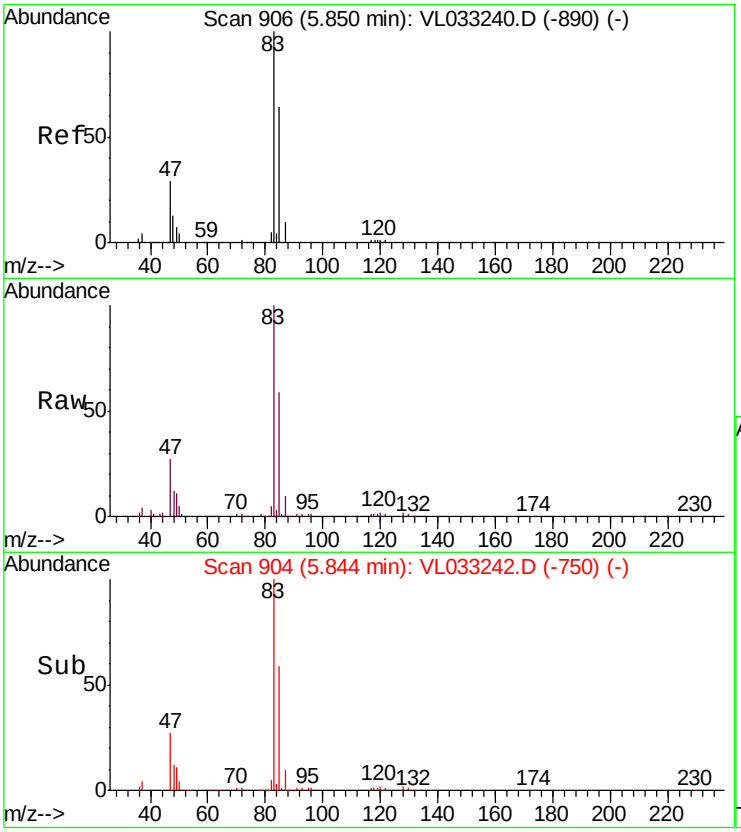


#28
Methyl tert-Butyl Ether
Concen: 0.937 ppbv
RT: 5.12 min Scan# 679
Delta R.T. 0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 73 Resp: 169564

Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.6	26.4

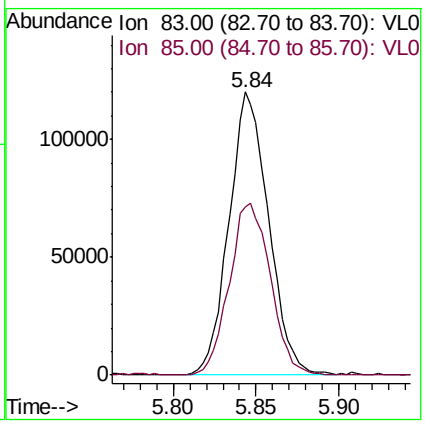


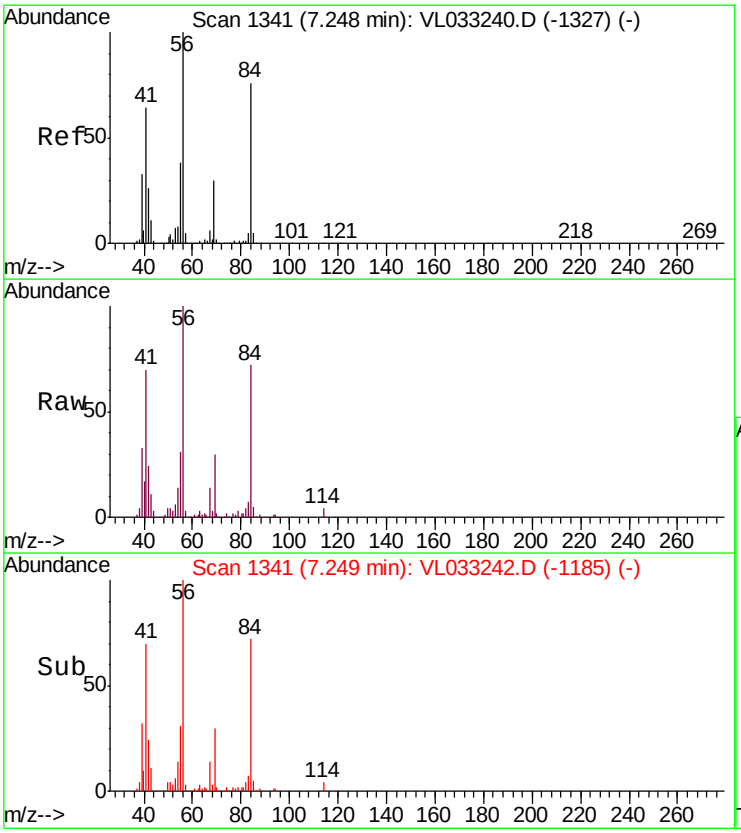


#29
Chloroform
Concen: 0.984 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 83 Resp: 199543

Ion	Ratio	Lower	Upper
83	100		
85	59.1	51.2	76.8

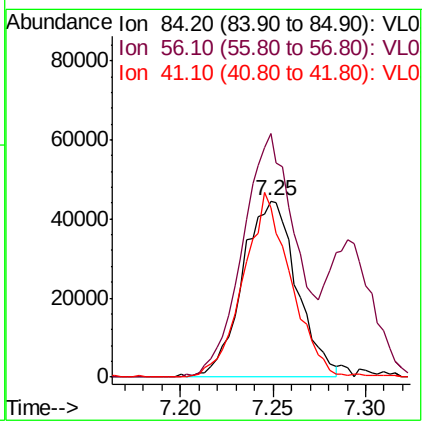


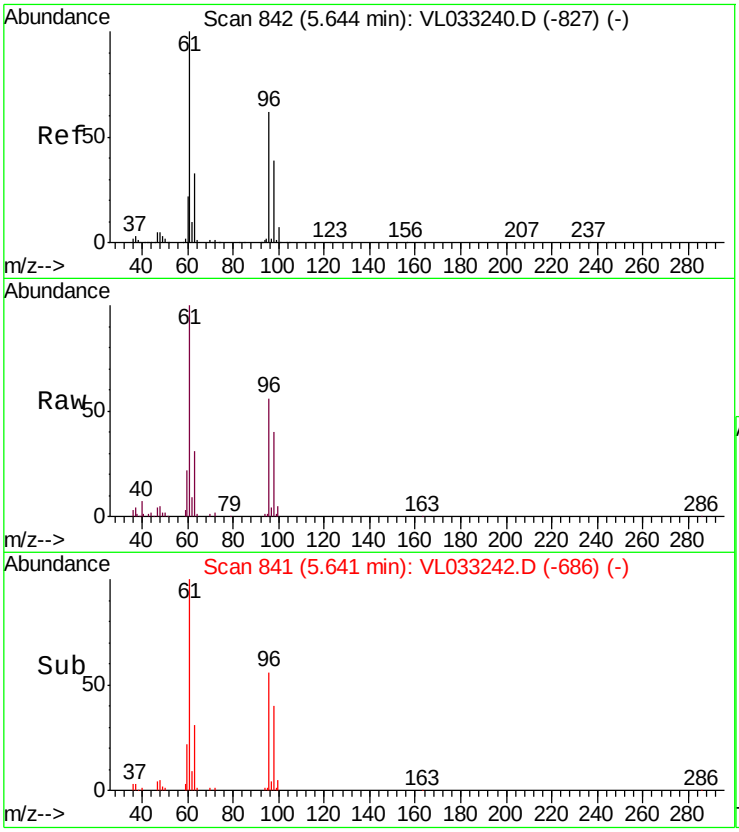


#30
Cyclohexane
Concen: 0.759 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 84 Resp: 89731

Ion	Ratio	Lower	Upper
84	100		
56	137.5	113.1	169.7
41	93.2	70.8	106.2

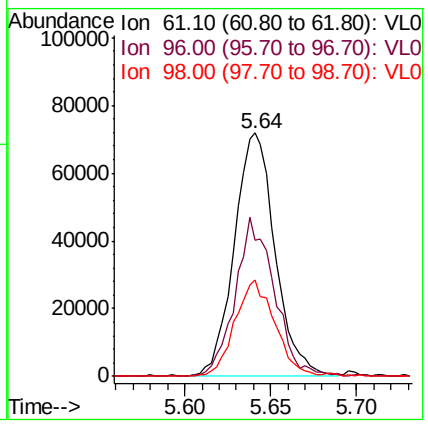


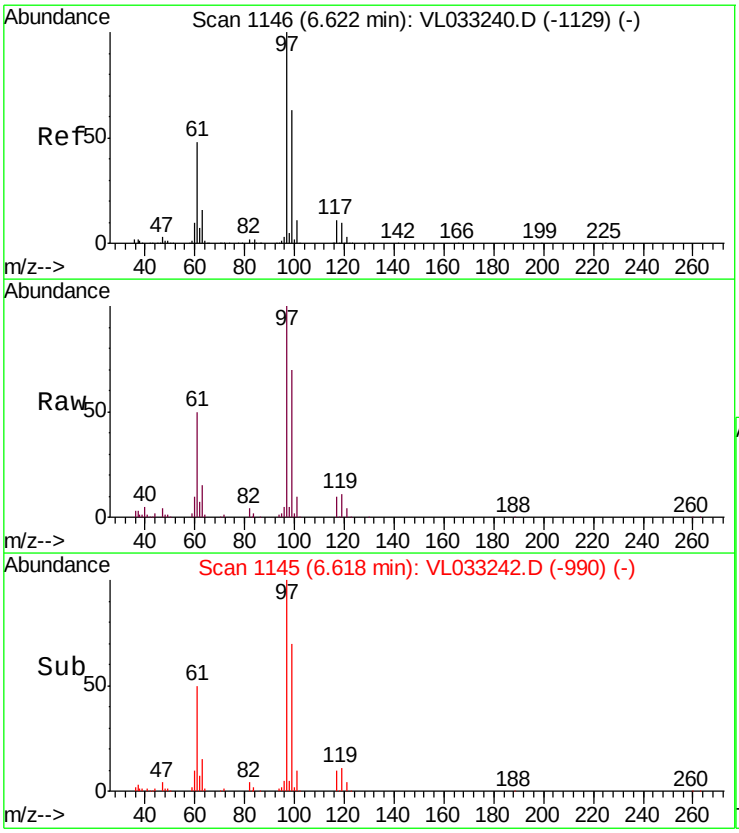


#31
cis-1,2-Dichloroethene
Concen: 0.900 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 61 Resp: 118937

Ion	Ratio	Lower	Upper
61	100		
96	55.7	49.4	74.0
98	39.7	31.2	46.8

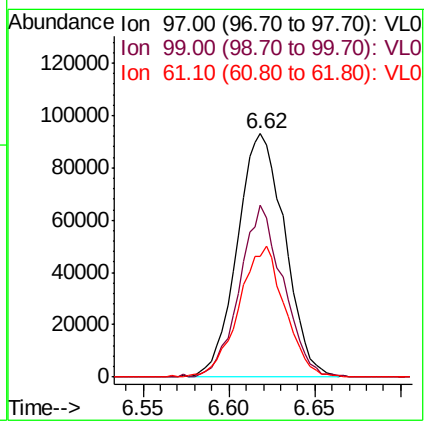


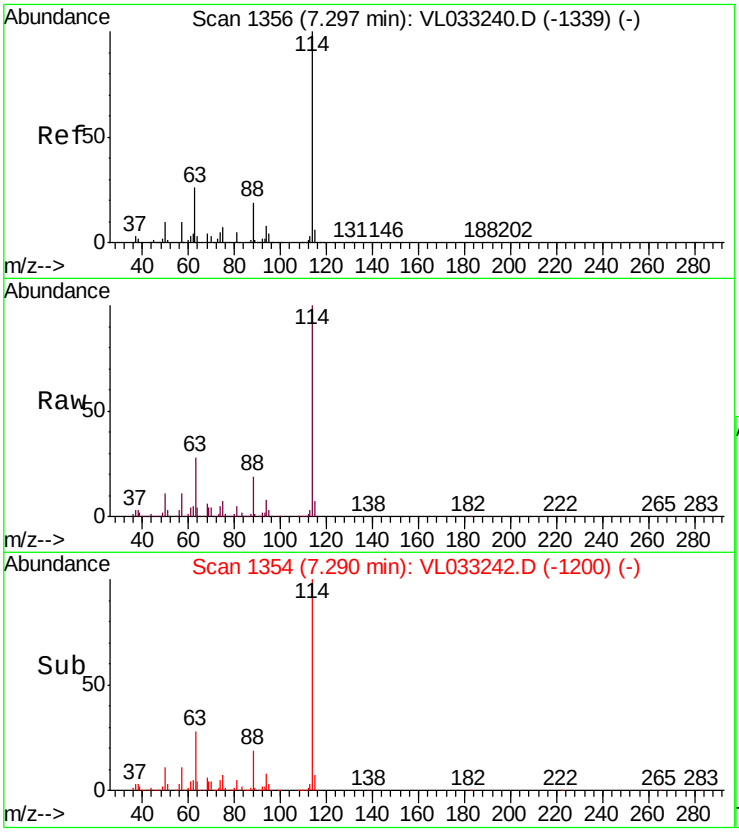


#32
1,1,1-Trichloroethane
Concen: 0.794 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 97 Resp: 177858

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	52.4	40.1	60.1

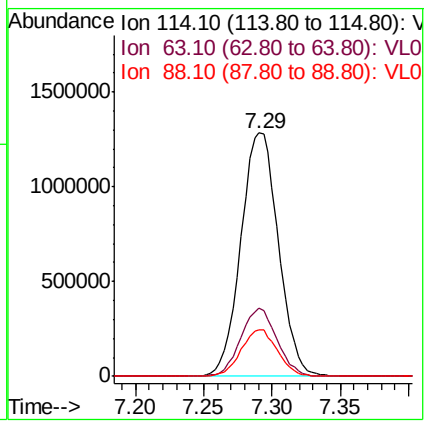


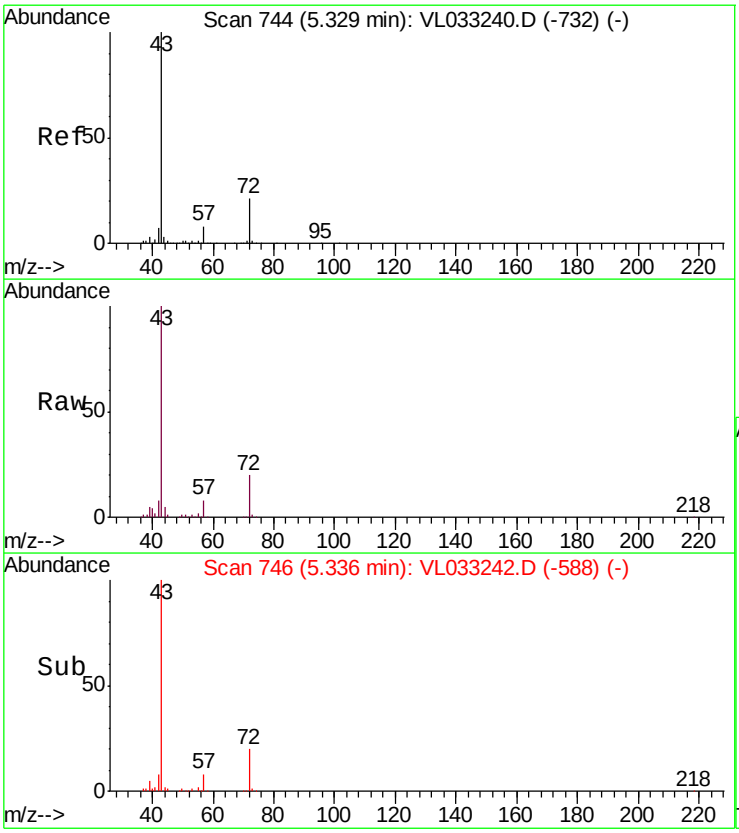


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:114 Resp: 2453449

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.0	33.0
88	18.7	15.0	22.4

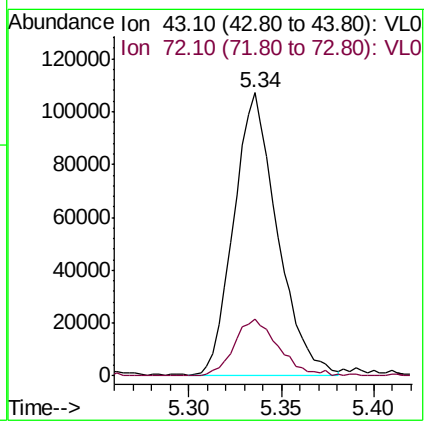


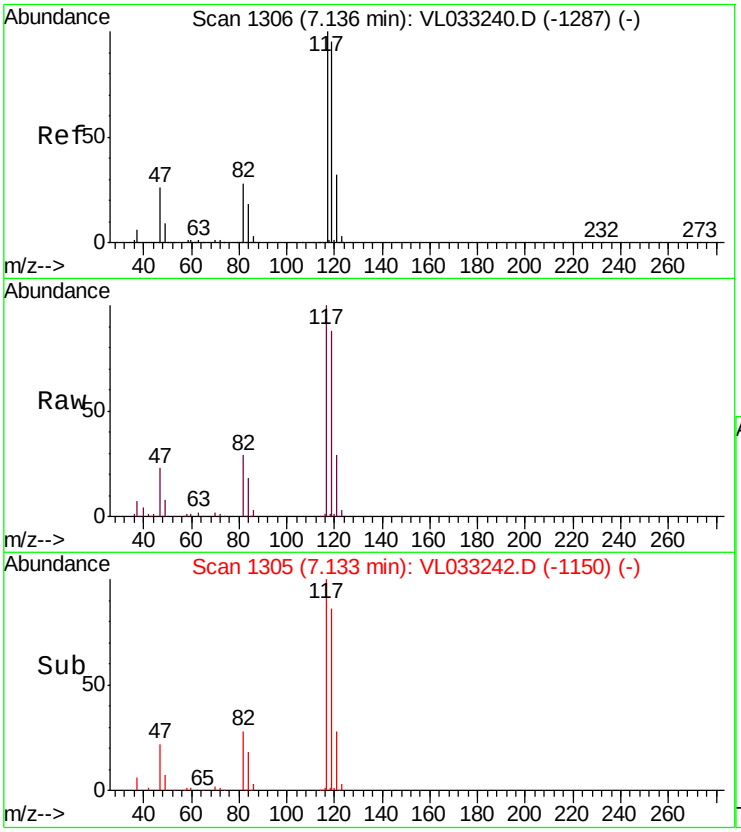


#34
2-Butanone
Concen: 1.083 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 174595

Ion	Ratio	Lower	Upper
43	100		
72	20.5	17.1	25.7

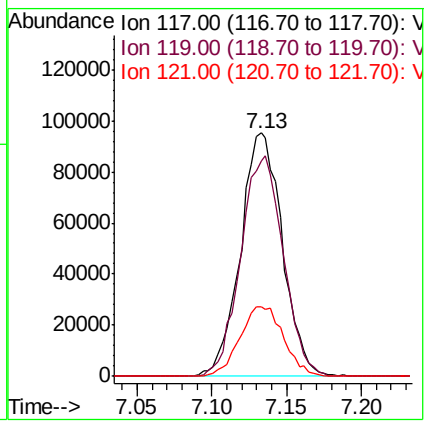


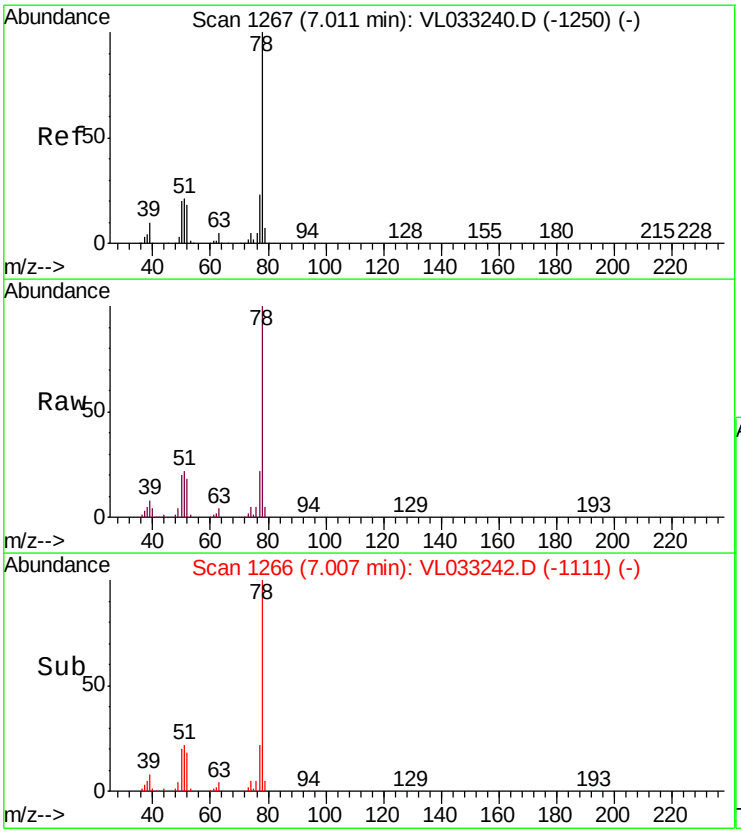


#35
Carbon Tetrachloride
Concen: 0.980 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:117 Resp: 185313

Ion	Ratio	Lower	Upper
117	100		
119	88.5	75.8	113.6
121	29.1	25.6	38.4

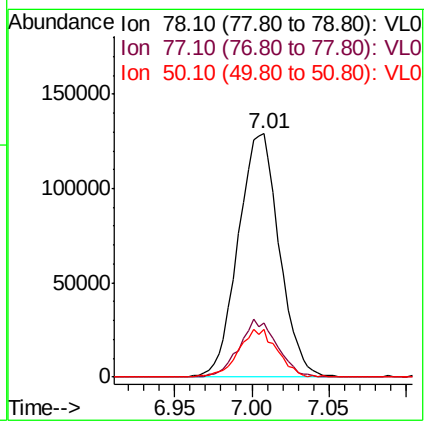


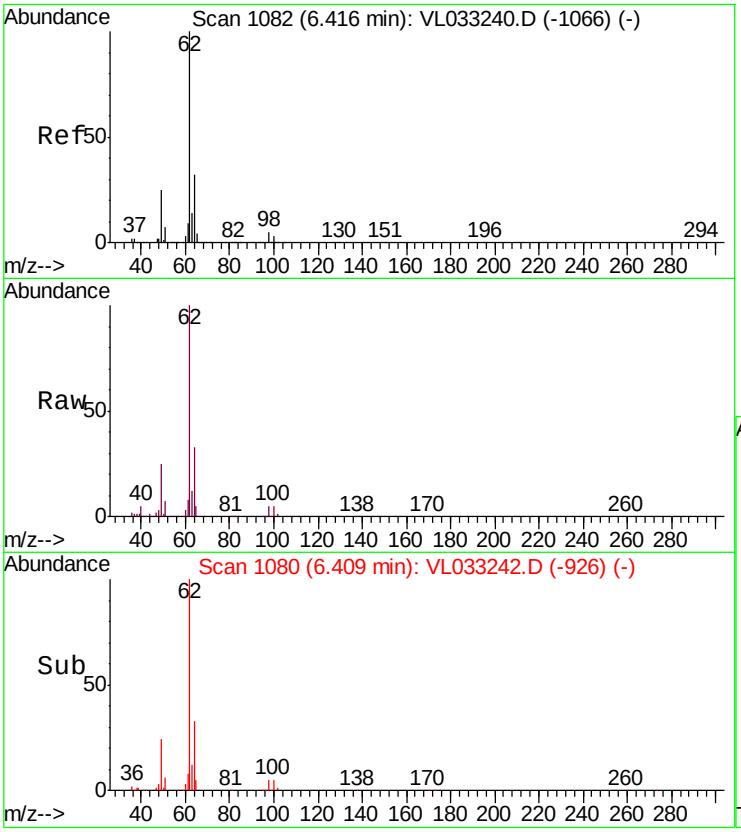


#36
Benzene
Concen: 0.942 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 78 Resp: 238991

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.0	27.0
50	19.7	16.2	24.4

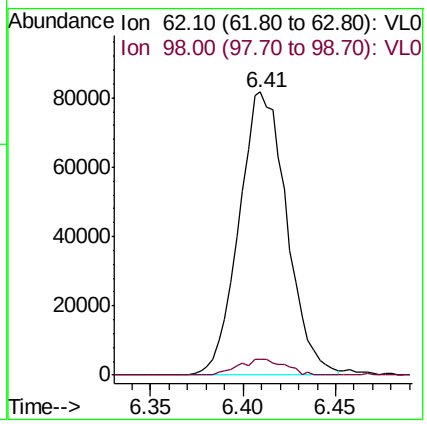


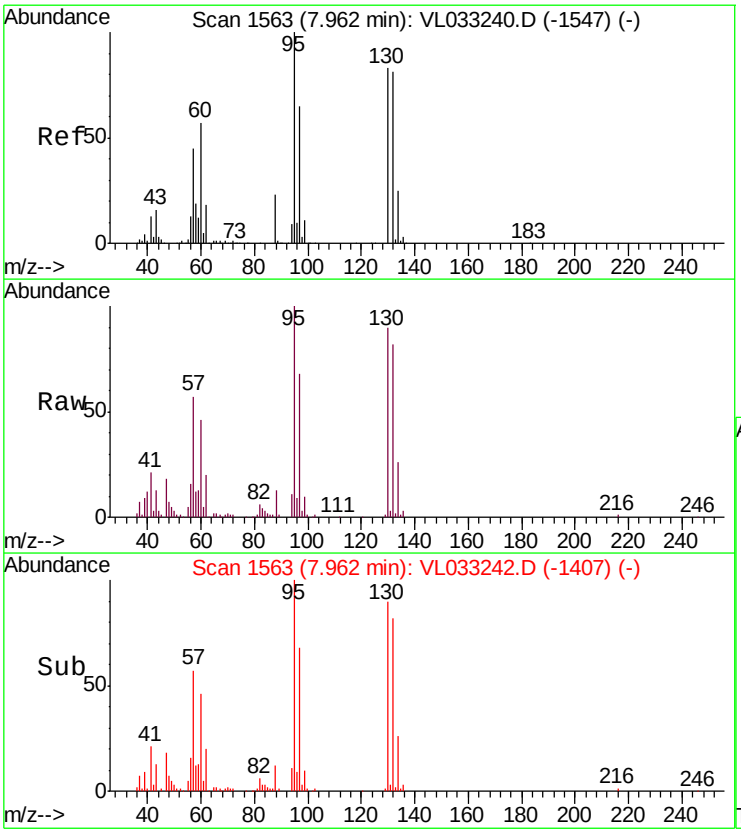


#37
1,2-Dichloroethane
Concen: 1.019 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 62 Resp: 146482

Ion	Ratio	Lower	Upper
62	100		
98	5.6	4.5	6.7

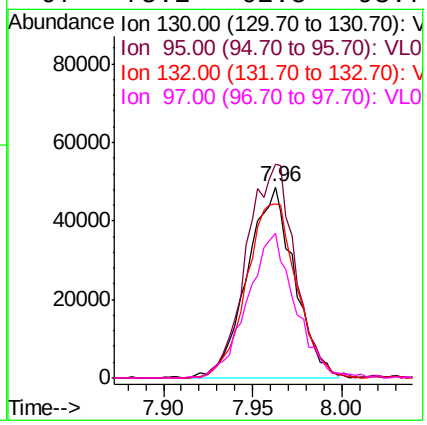


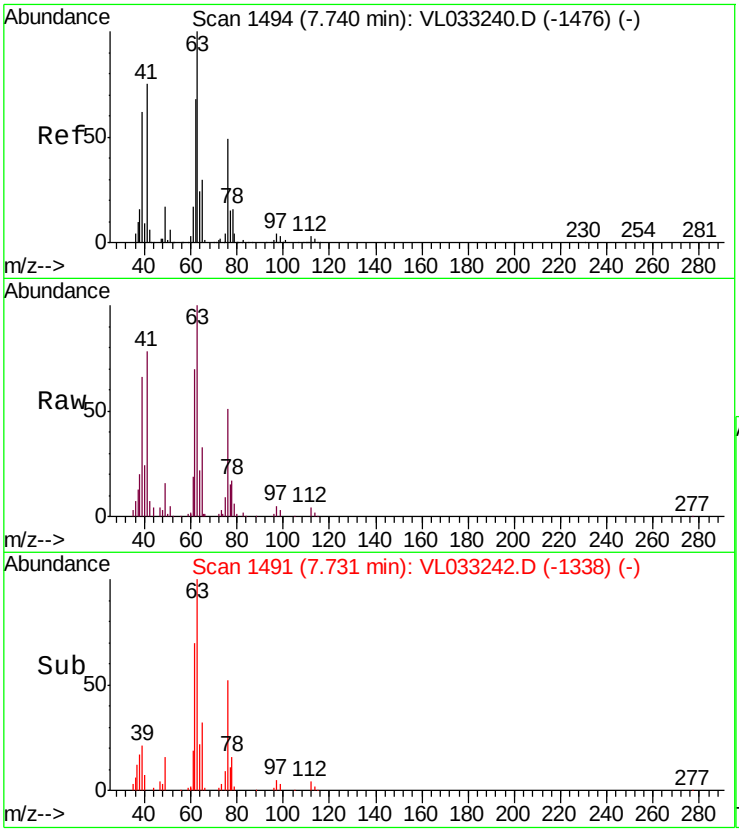


#38
Trichloroethene
Concen: 0.840 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:130 Resp: 89756

Ion	Ratio	Lower	Upper
130	100		
95	111.7	95.7	143.5
132	91.2	77.4	116.2
97	75.2	62.5	93.7

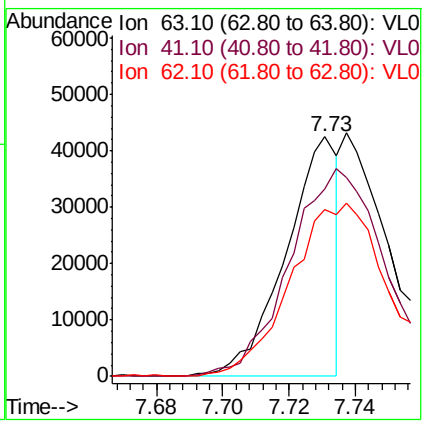


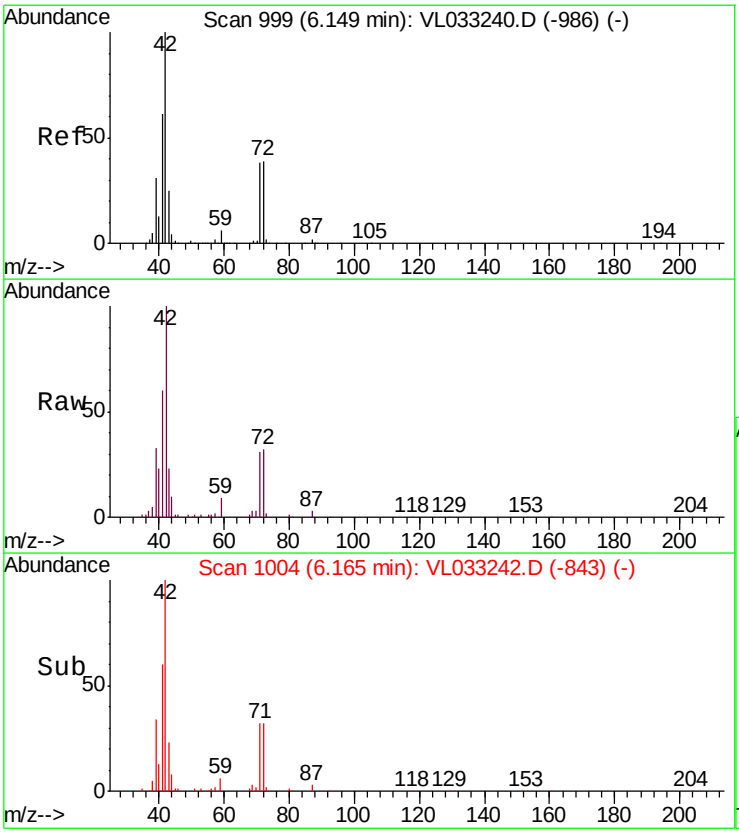


#39
1,2-Dichloropropane
Concen: 0.471 ppbv
RT: 7.73 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 63 Resp: 46363

Ion	Ratio	Lower	Upper
63	100		
41	78.3	60.0	90.0
62	69.6	54.2	81.4

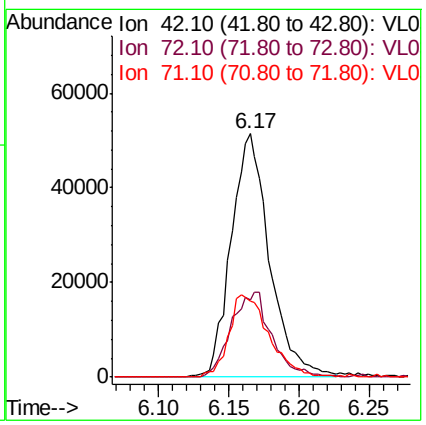


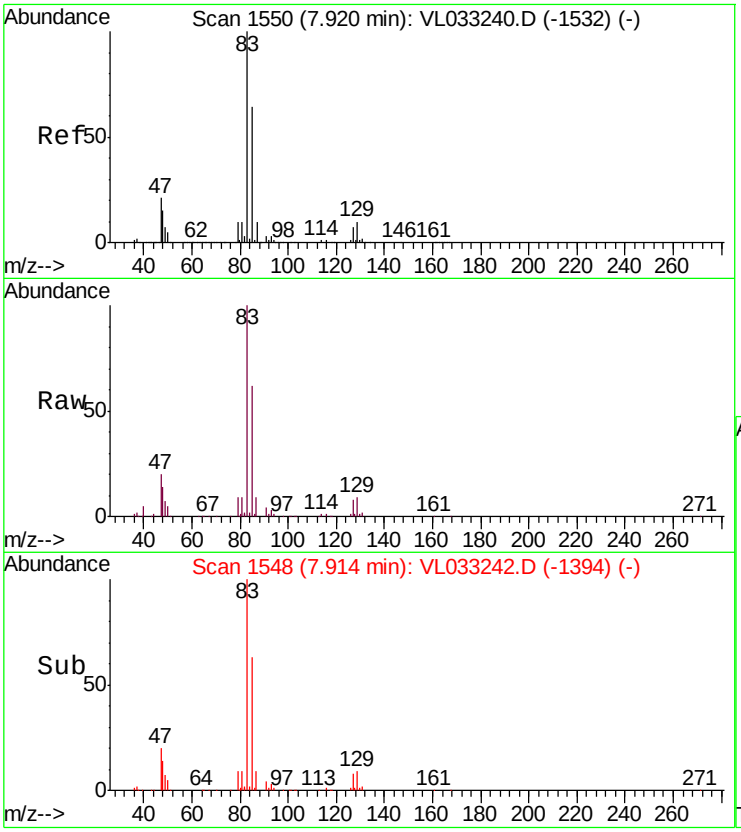


#41
Tetrahydrofuran
Concen: 0.988 ppbv
RT: 6.17 min Scan# 1004
Delta R.T. 0.02 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 42 Resp: 97872

Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.2	45.4
71	35.4	29.6	44.4

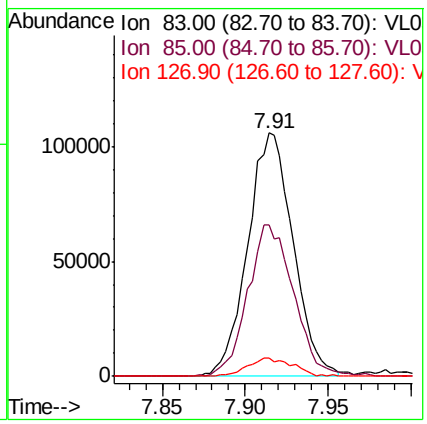


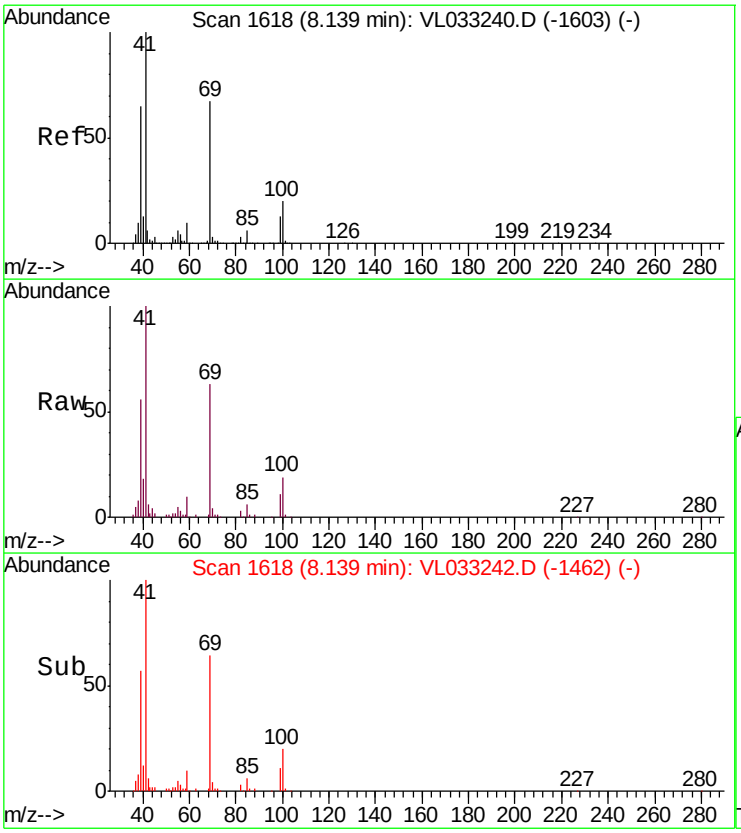


#42
Bromodichloromethane
Concen: 0.994 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 83 Resp: 201430

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3
127	7.8	5.9	8.9

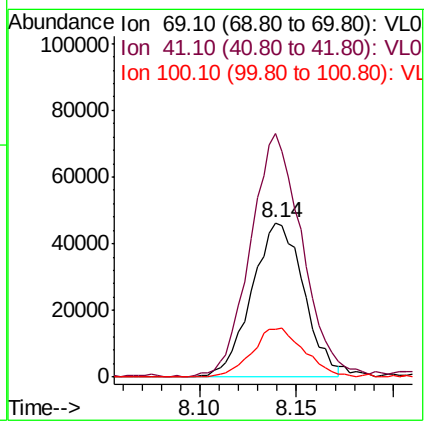


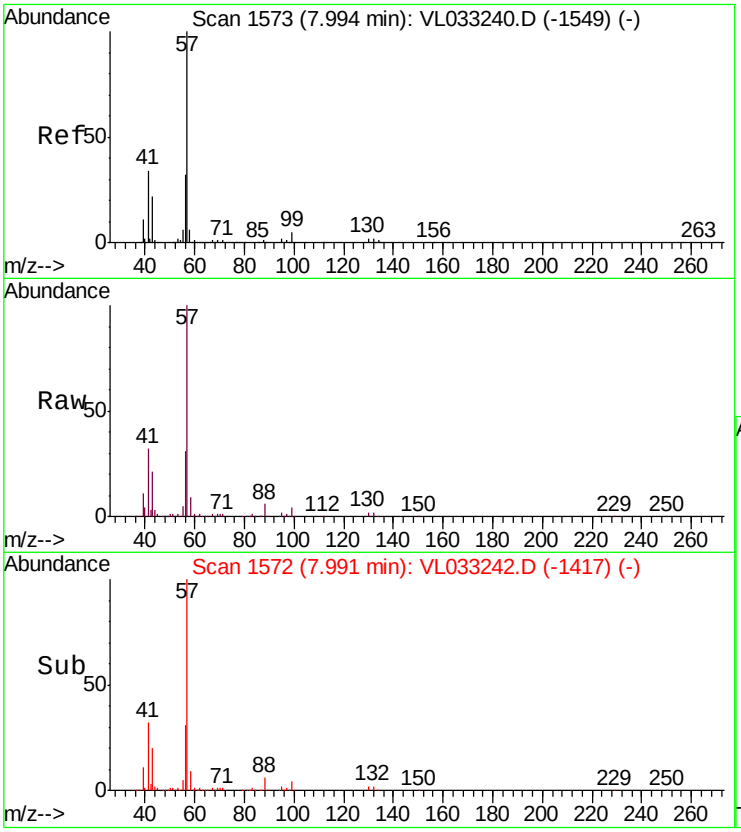


#43
Methyl Methacrylate
Concen: 0.864 ppbv
RT: 8.14 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 69 Resp: 86716

Ion	Ratio	Lower	Upper
69	100		
41	156.8	120.9	181.3
100	32.3	24.4	36.6

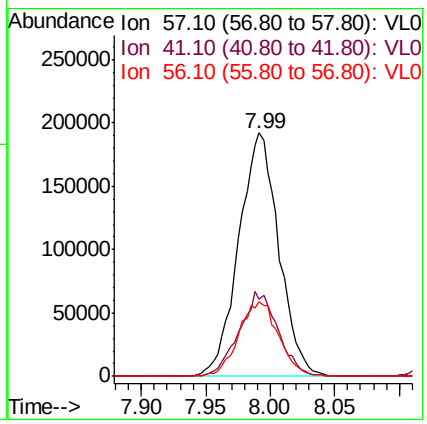


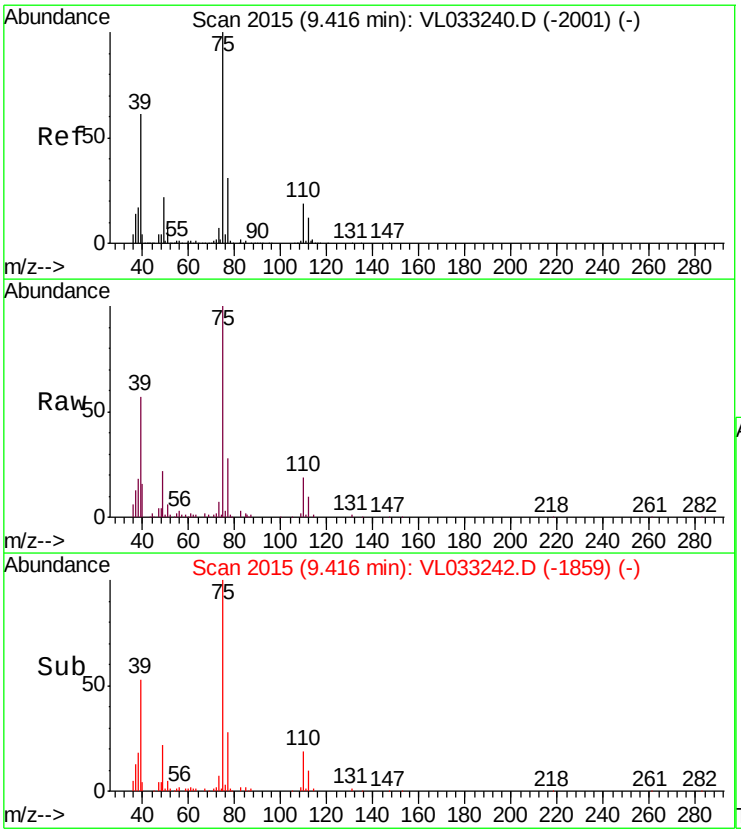


#44
2,2,4-Trimethylpentane
Concen: 0.970 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 57 Resp: 413138

Ion	Ratio	Lower	Upper
57	100		
41	34.0	26.1	39.1
56	31.0	24.7	37.1

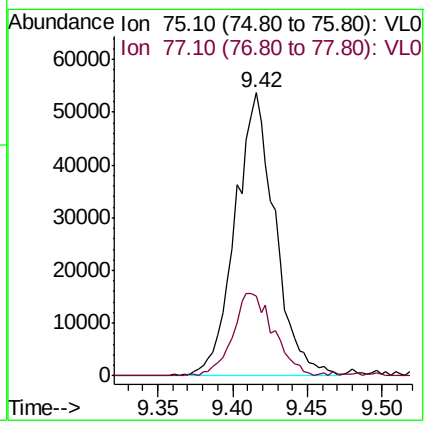


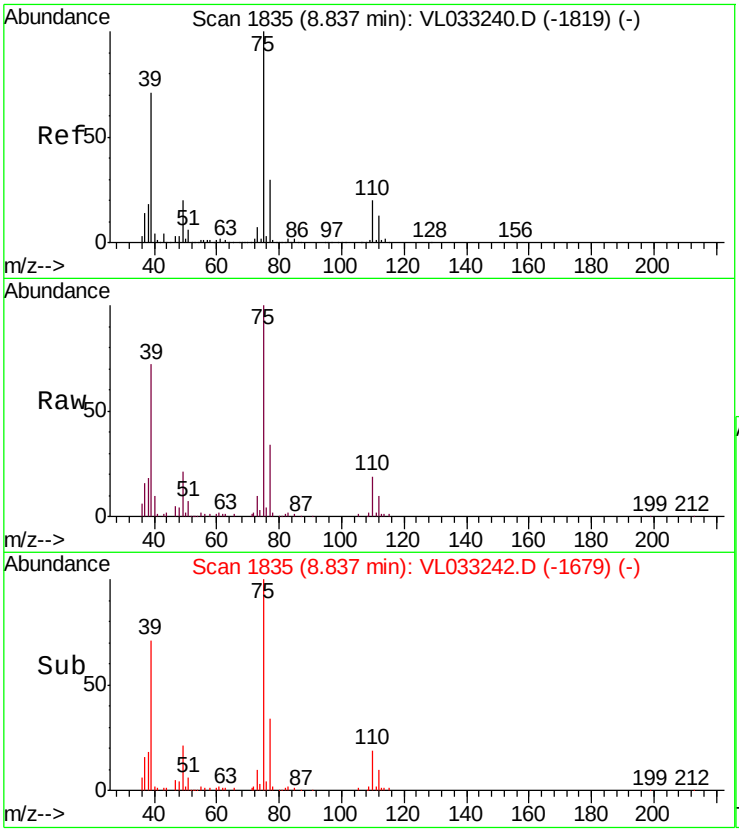


#45
t-1,3-Dichloropropene
Concen: 0.888 ppbv
RT: 9.42 min Scan# 2015
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 75 Resp: 99250

Ion	Ratio	Lower	Upper
75	100		
77	28.3	24.7	37.1

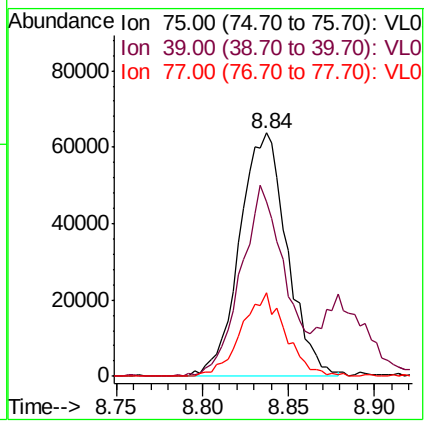


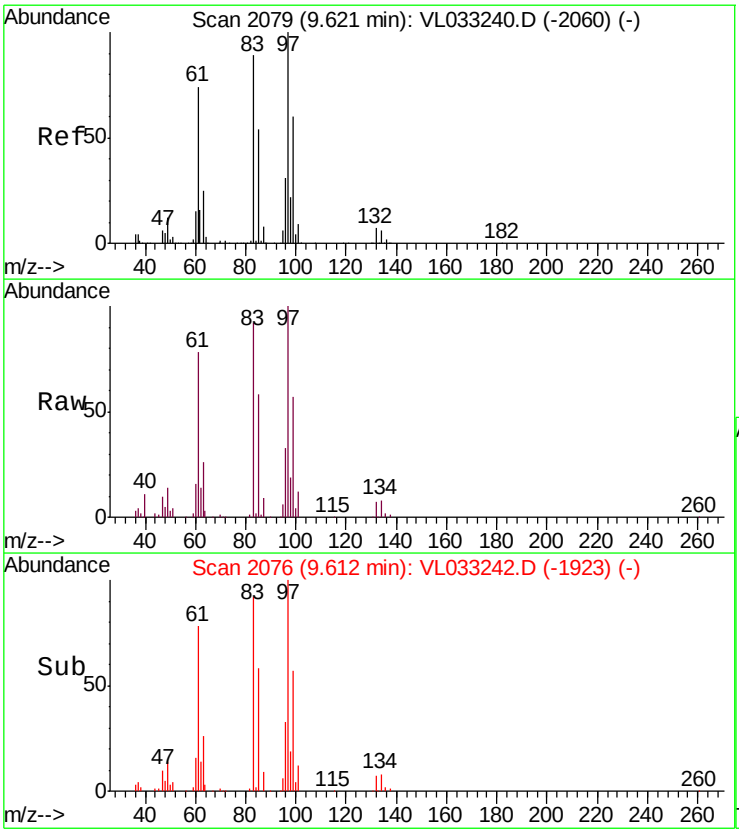


#46
cis-1,3-Dichloropropene
Concen: 0.859 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 75 Resp: 122155

Ion	Ratio	Lower	Upper
75	100		
39	70.4	57.0	85.6
77	34.3	24.0	36.0

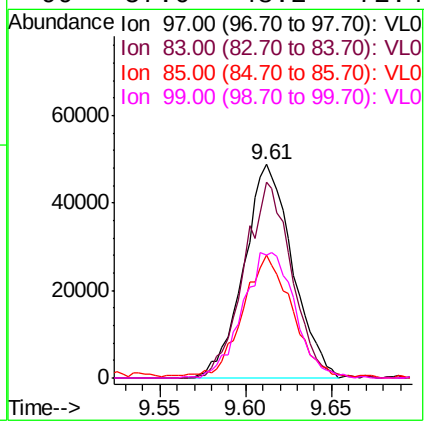


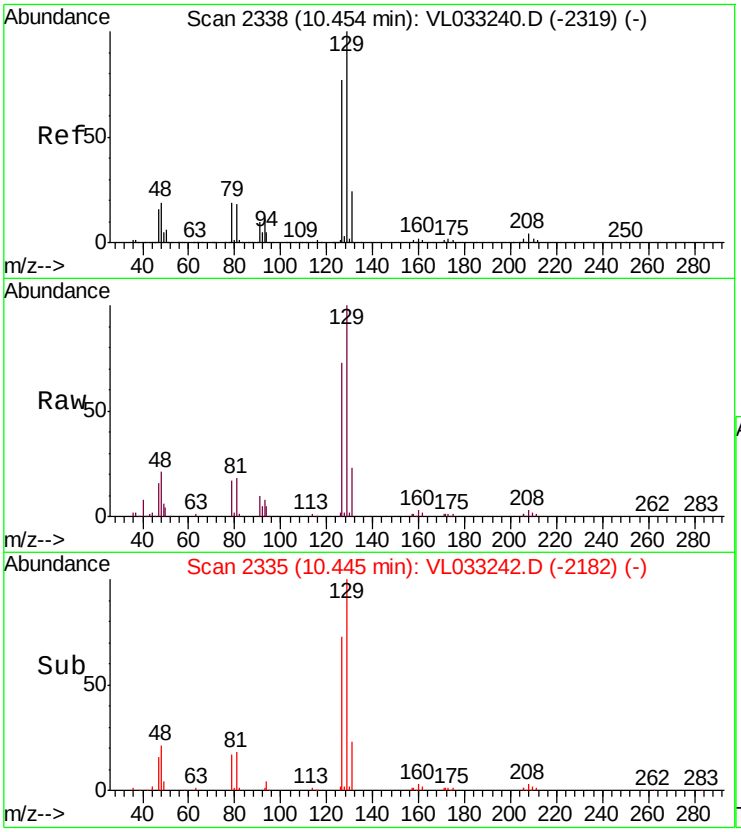


#47
1,1,2-Trichloroethane
Concen: 0.938 ppbv
RT: 9.61 min Scan# 2076
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 97 Resp: 96031

Ion	Ratio	Lower	Upper
97	100		
83	91.6	71.1	106.7
85	56.2	42.9	64.3
99	57.0	48.2	72.4

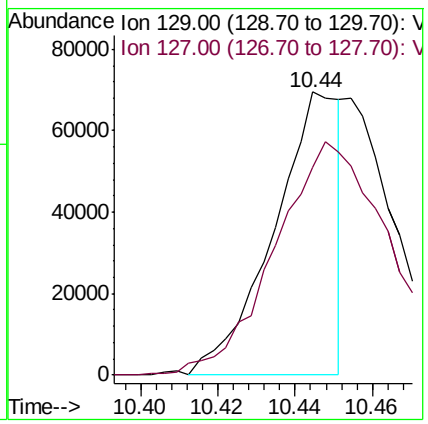


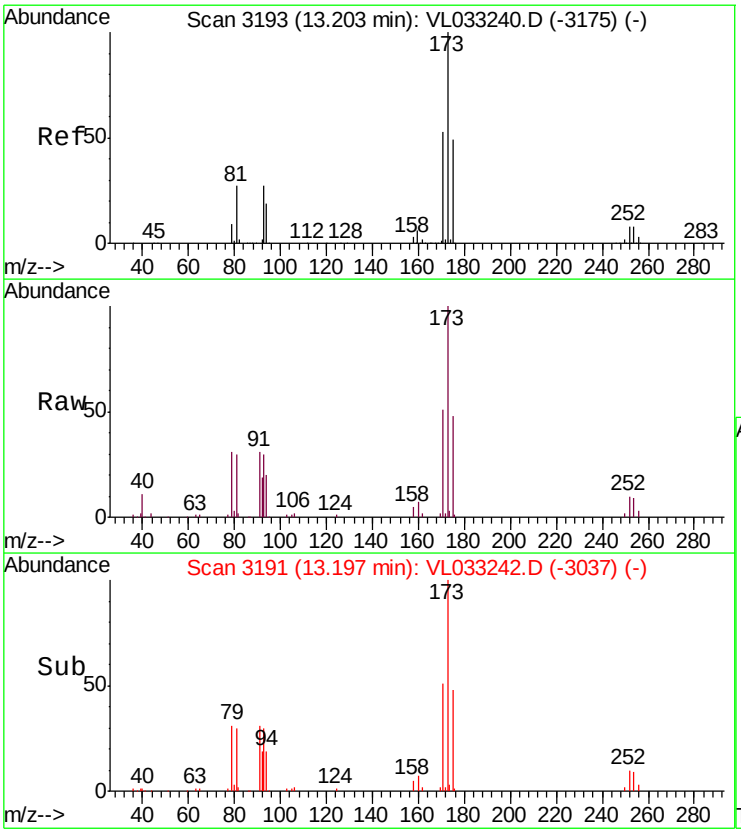


#48
Dibromochloromethane
Concen: 0.510 ppbv
RT: 10.44 min Scan# 2335
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:129 Resp: 82586

Ion	Ratio	Lower	Upper
129	100		
127	143.0	39.0	117.0#

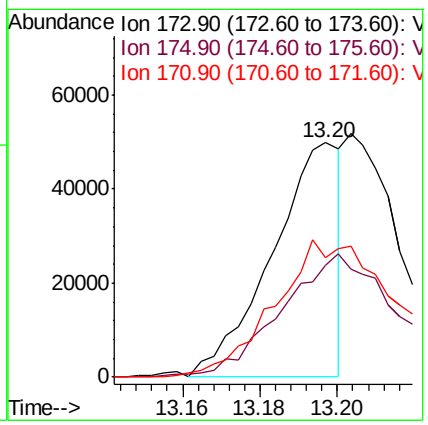


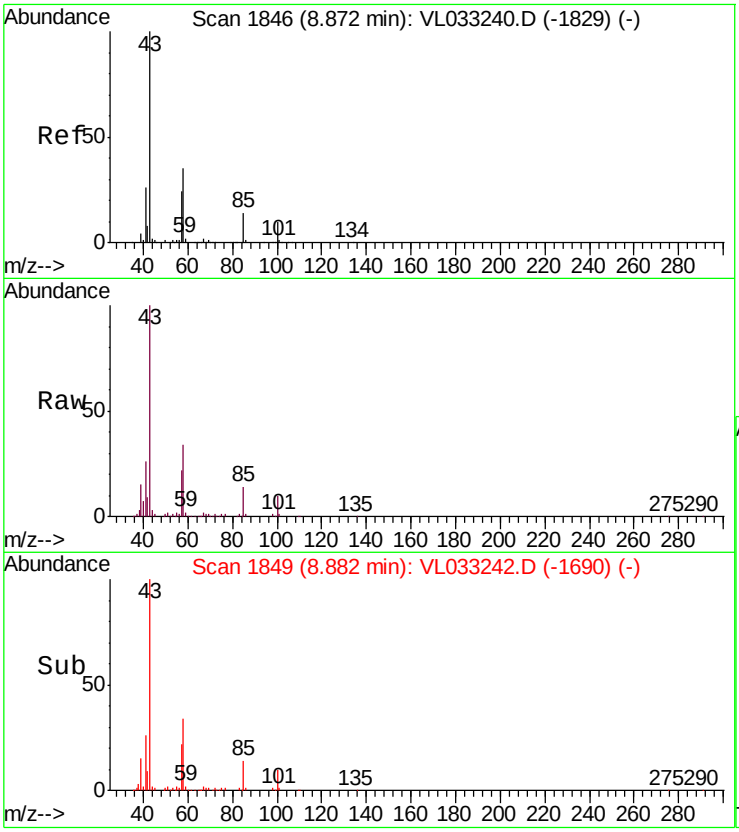


#49
Bromoform
Concen: 0.443 ppbv
RT: 13.20 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:173 Resp: 61033

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.9	58.3#
171	101.5	41.4	62.0#

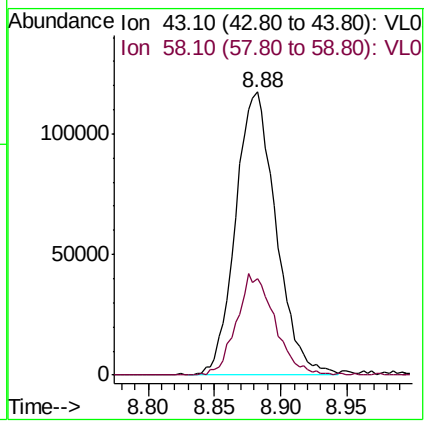


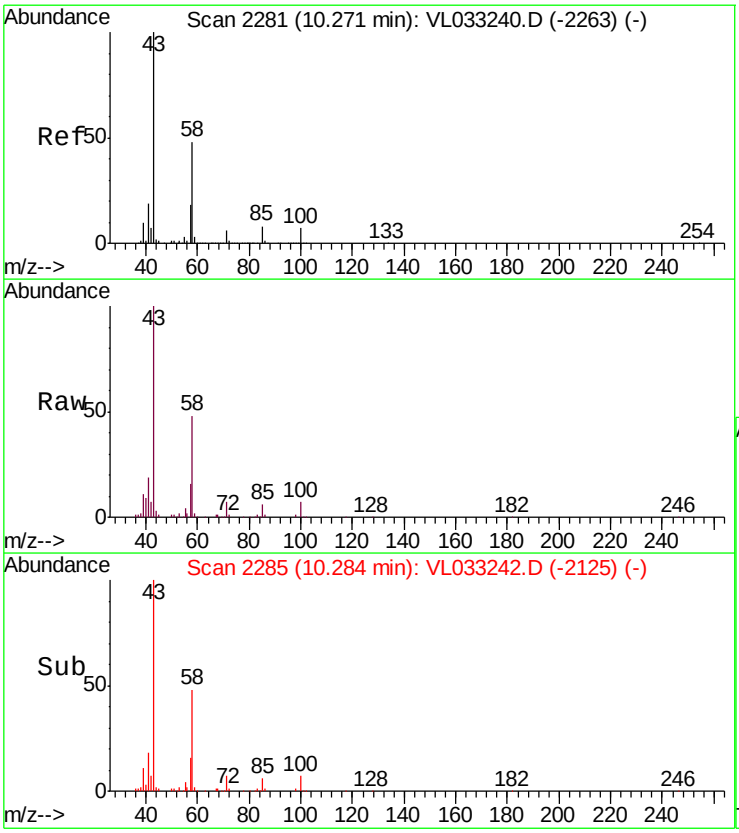


#50
4-Methyl-2-Pentanone
Concen: 0.981 ppbv
RT: 8.88 min Scan# 1849
Delta R.T. 0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 248303

Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.8	41.6

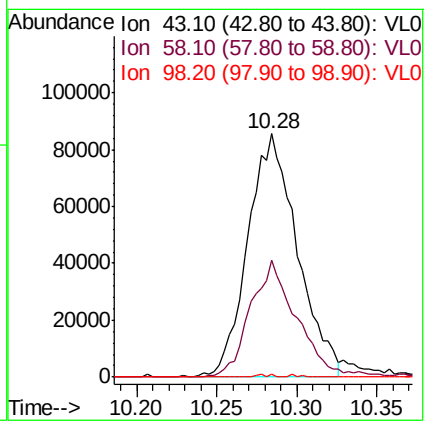


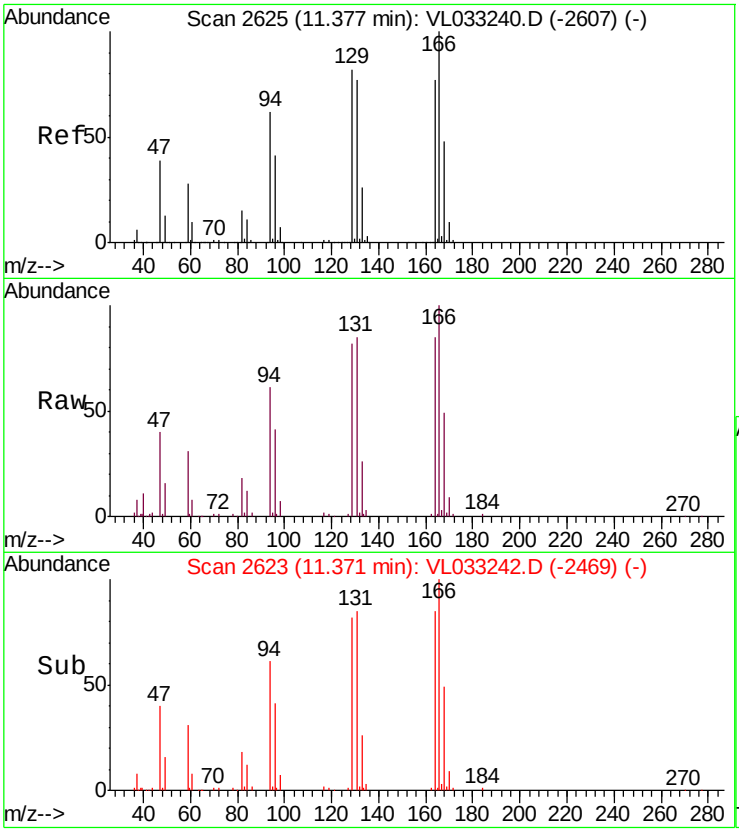


#51
2-Hexanone
Concen: 0.922 ppbv
RT: 10.28 min Scan# 2285
Delta R.T. 0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 43 Resp: 182676

Ion	Ratio	Lower	Upper
43	100		
58	45.8	38.2	57.2
98	0.6	0.2	0.4#

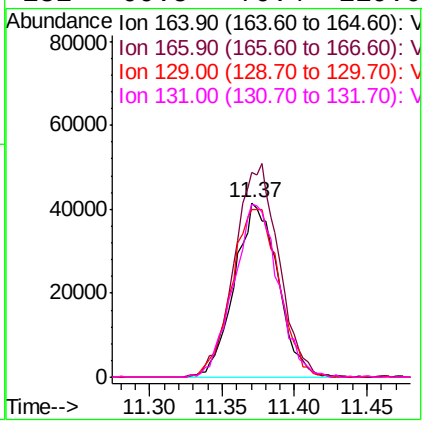


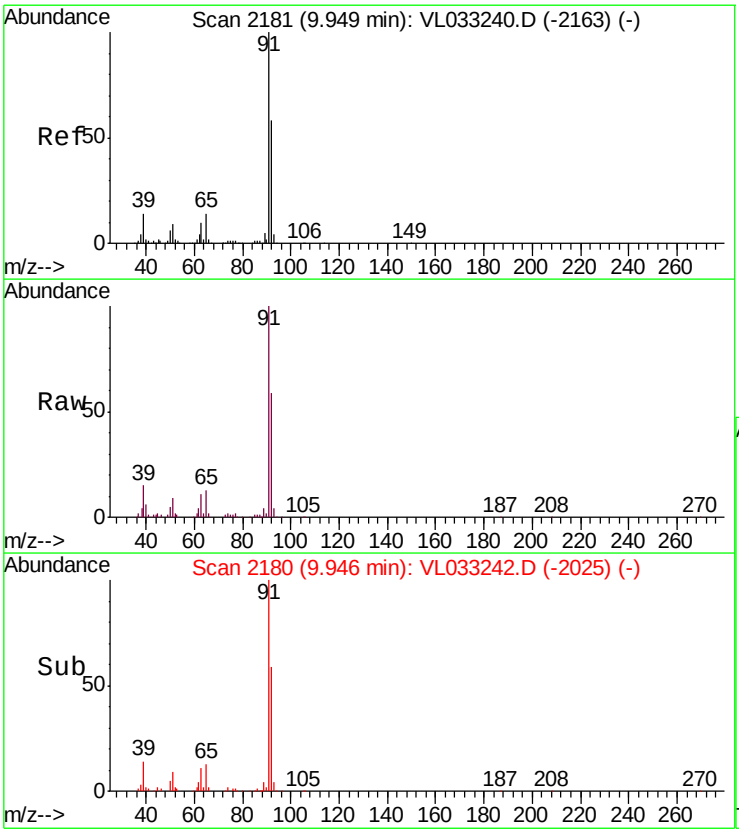


#52
Tetrachloroethene
Concen: 0.902 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:164 Resp: 86599

Ion	Ratio	Lower	Upper
164	100		
166	117.0	103.3	154.9
129	96.5	84.4	126.6
131	99.5	79.4	119.0

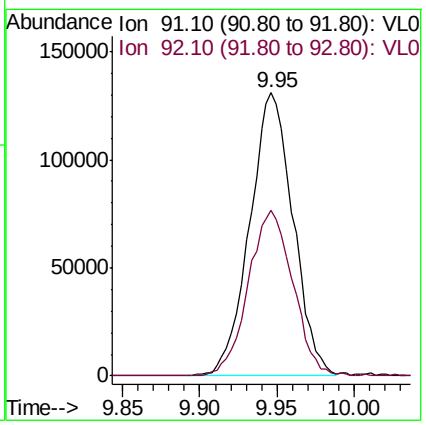


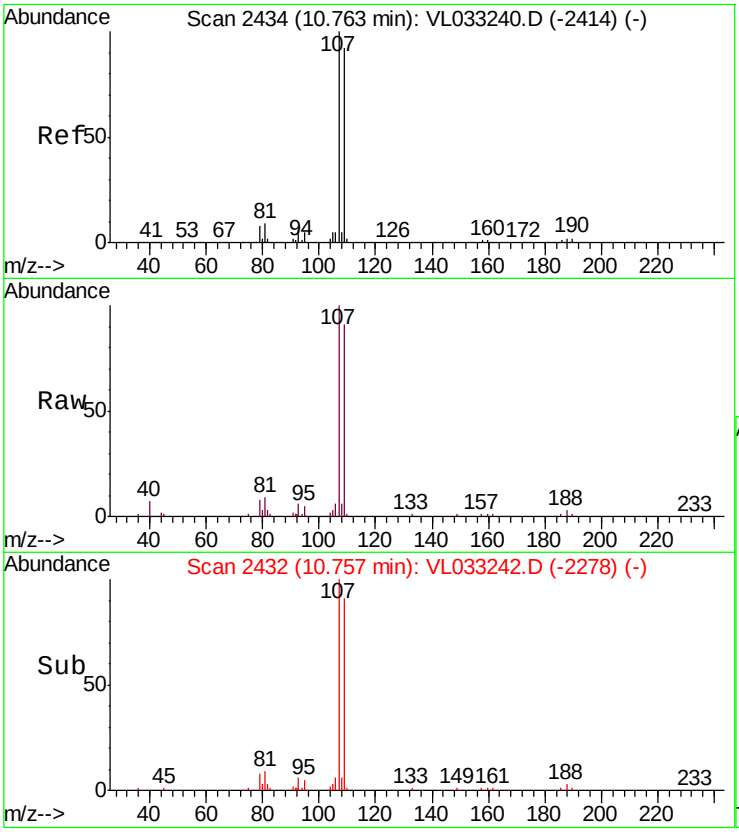


#53
Toluene
Concen: 0.866 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 255811

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.4	71.2

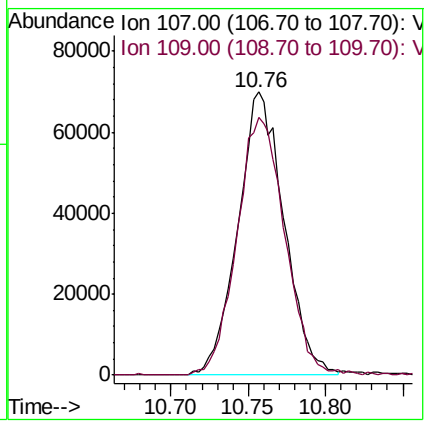


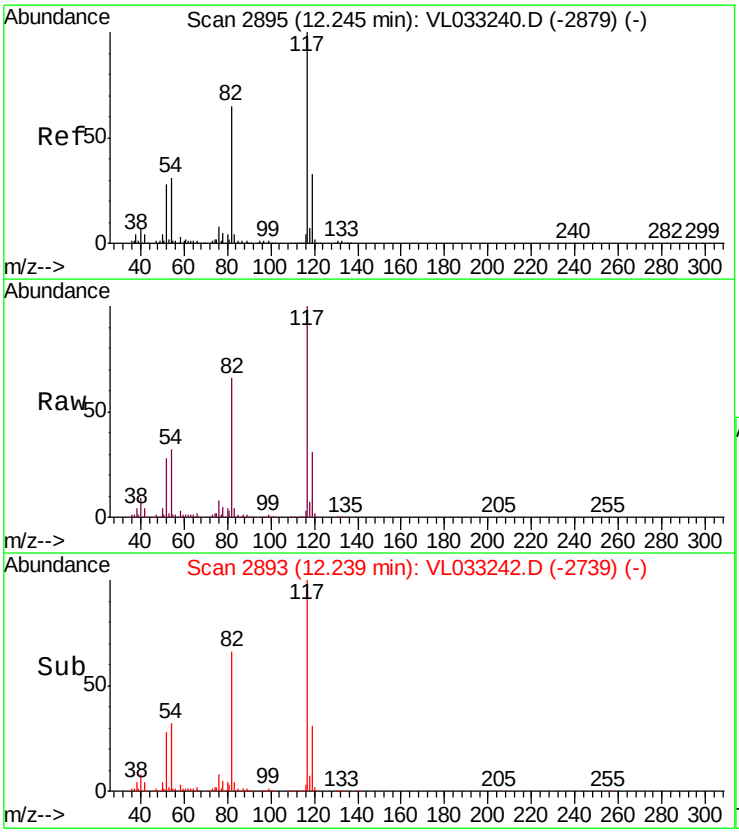


#54
1,2-Dibromoethane
Concen: 0.908 ppbv
RT: 10.76 min Scan# 2432
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:107 Resp: 145205

Ion	Ratio	Lower	Upper
107	100		
109	91.2	73.6	110.4

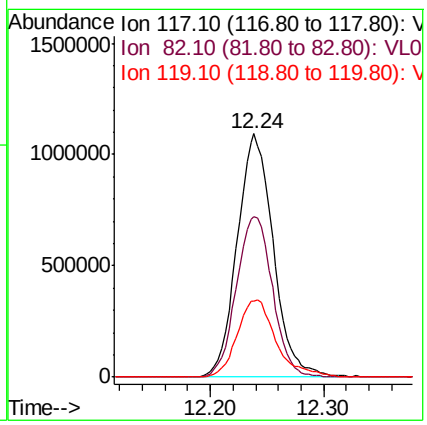


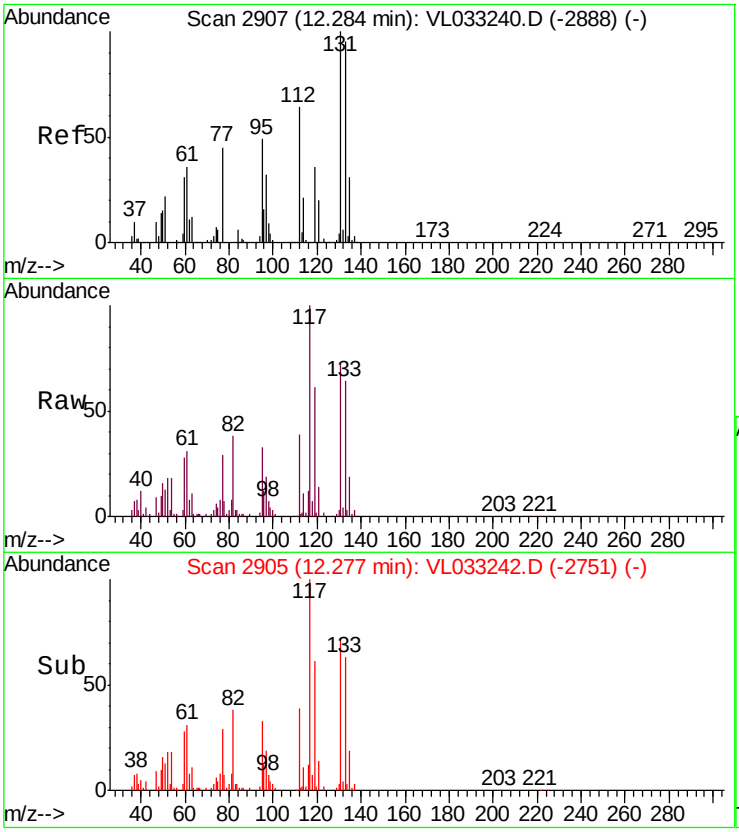


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:117 Resp: 2433518

Ion	Ratio	Lower	Upper
117	100		
82	66.3	51.8	77.8
119	34.2	43.6	65.4#

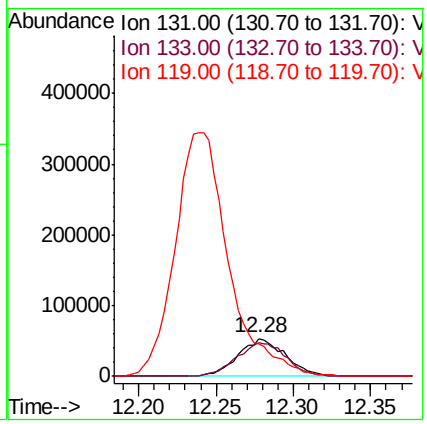


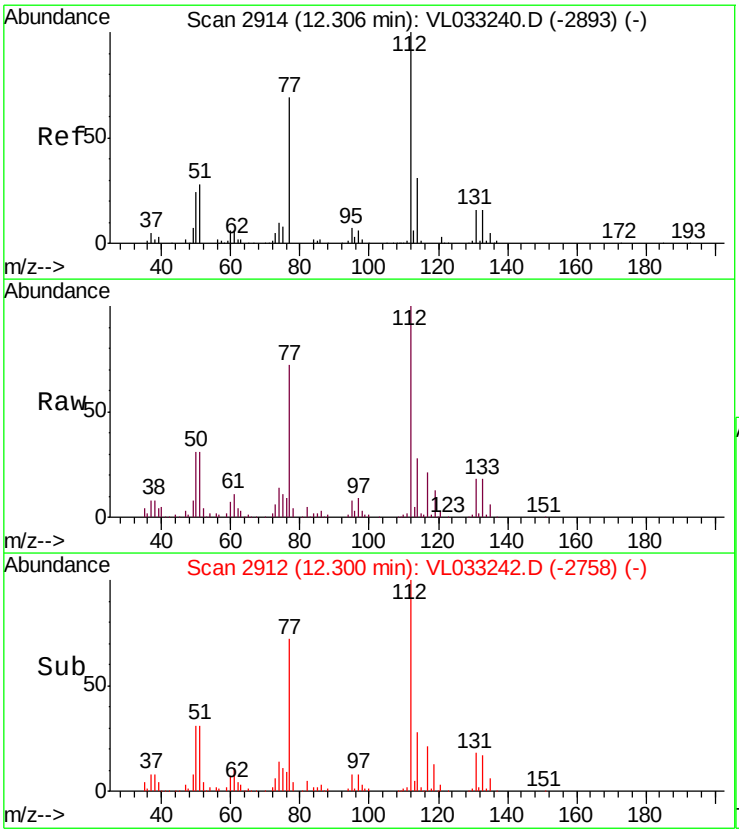


#56
1,1,1,2-Tetrachloroethane
Concen: 1.008 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:131 Resp: 113188

Ion	Ratio	Lower	Upper
131	100		
133	93.6	76.2	114.2
119	736.6	108.9	163.3#

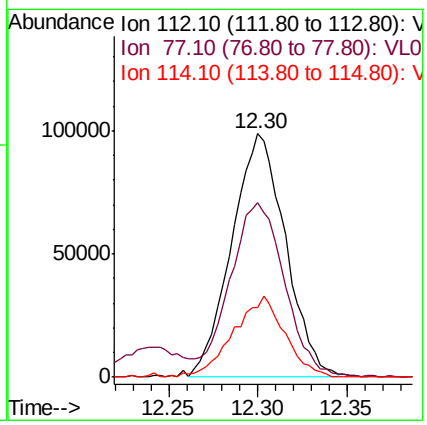


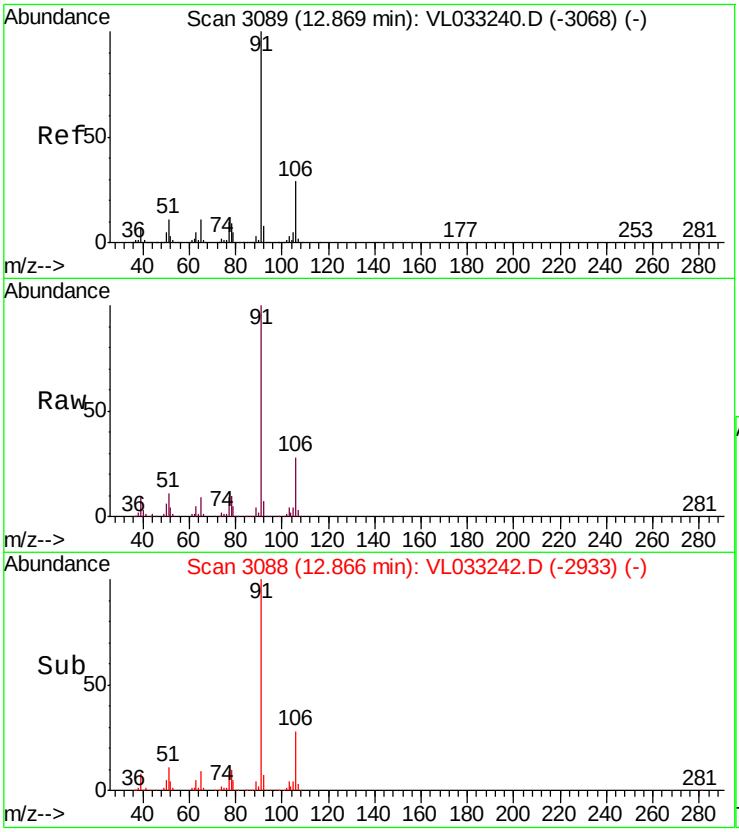


#57
Chlorobenzene
Concen: 0.979 ppbv
RT: 12.30 min Scan# 2912
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:112 Resp: 207551

Ion	Ratio	Lower	Upper
112	100		
77	70.4	56.5	84.7
114	28.0	28.4	34.7#

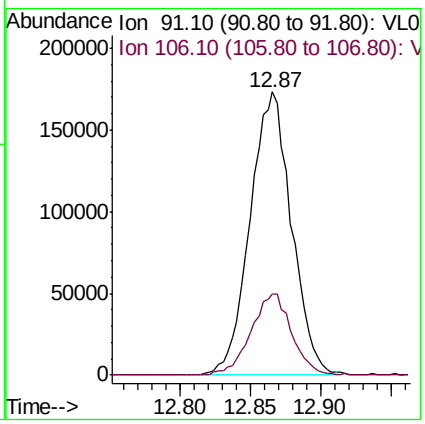


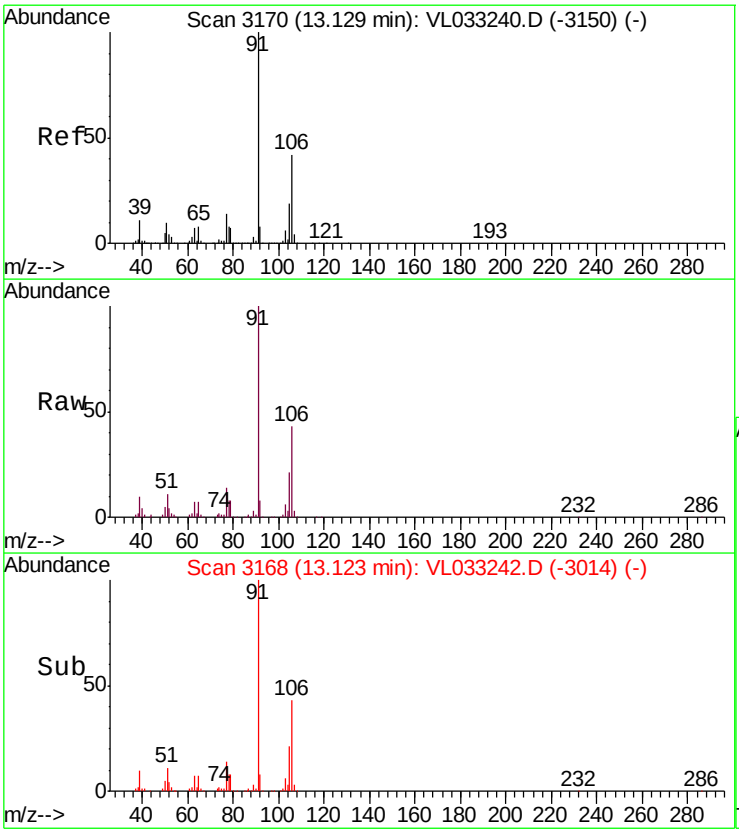


#58
Ethyl Benzene
Concen: 0.901 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 354679

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.5	35.3

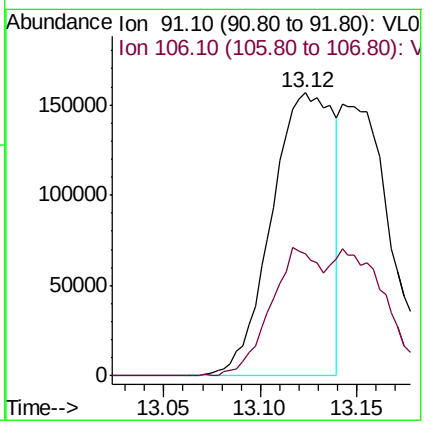


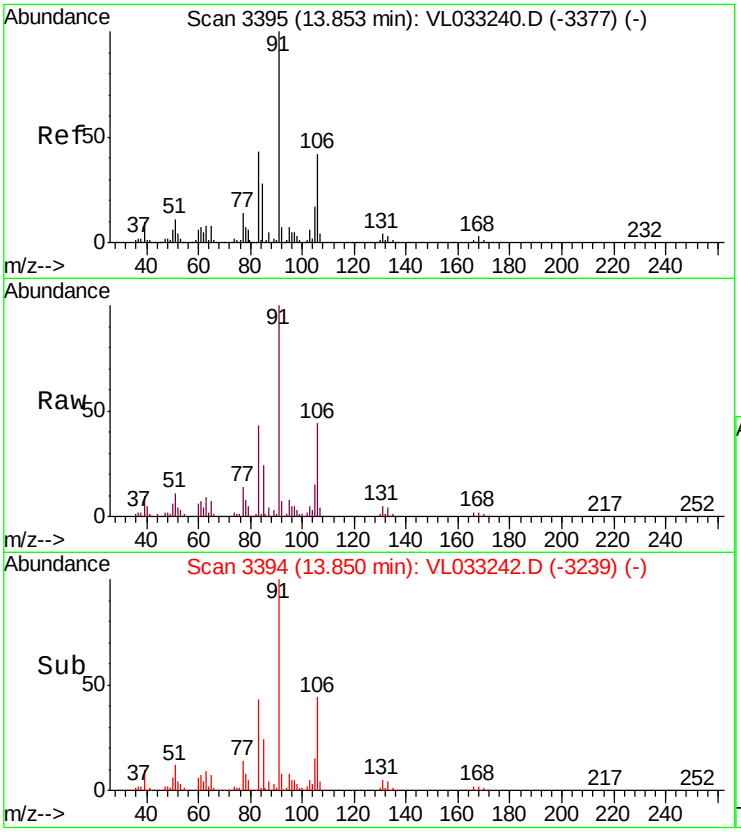


#59
m/p-Xylene
Concen: 1.057 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 346991

Ion	Ratio	Lower	Upper
91	100		
106	76.8	35.6	53.4#

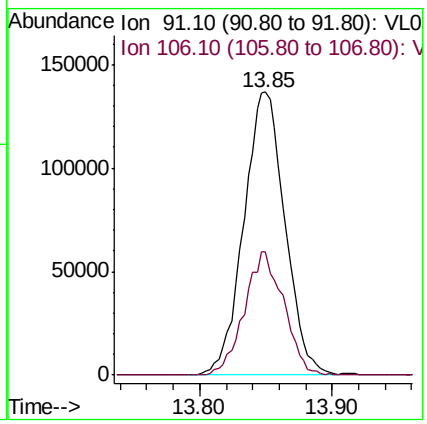


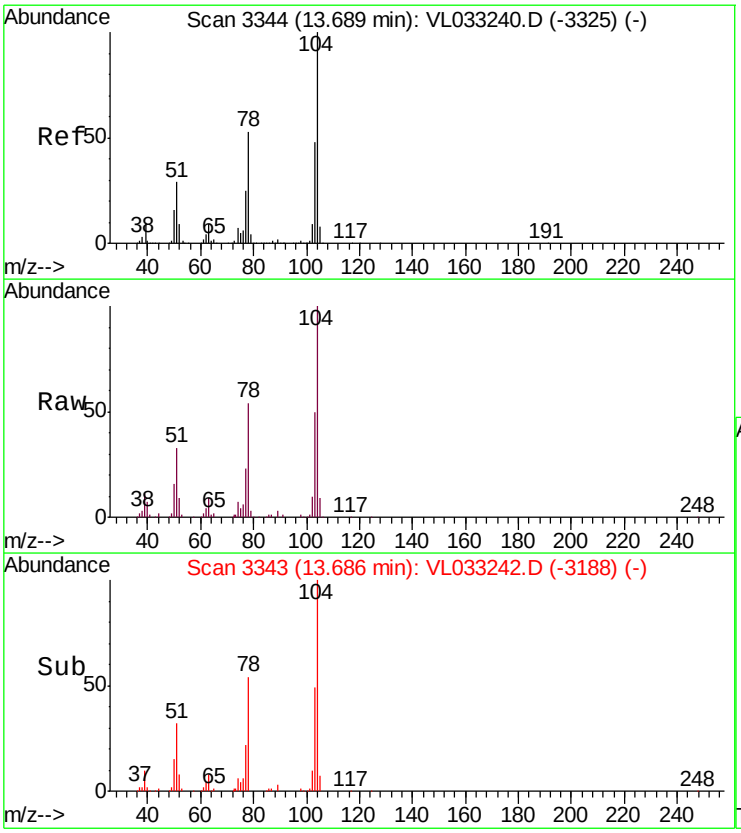


#60
o-Xylene
Concen: 0.923 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 294979

Ion	Ratio	Lower	Upper
91	100		
106	41.7	21.4	64.3

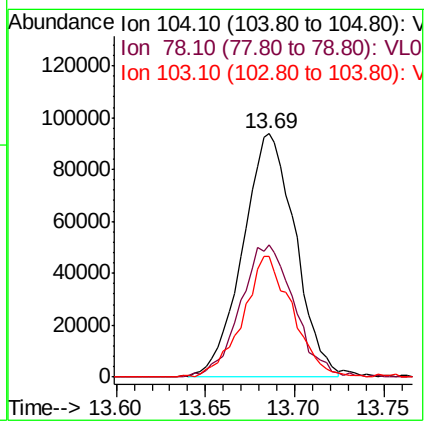


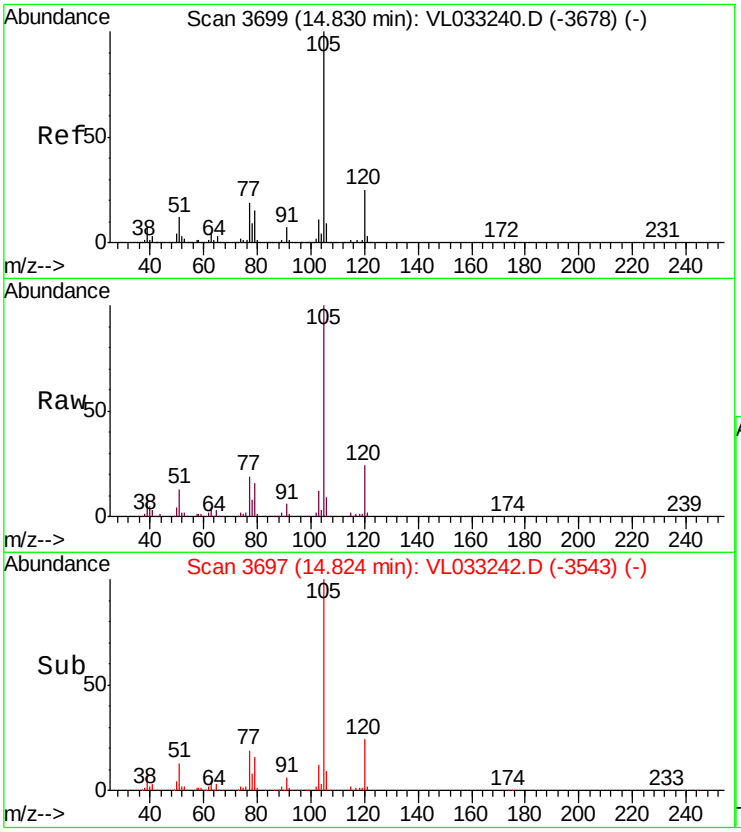


#61
Styrene
Concen: 0.808 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:104 Resp: 192897

Ion	Ratio	Lower	Upper
104	100		
78	56.0	43.7	65.5
103	47.6	38.2	57.2

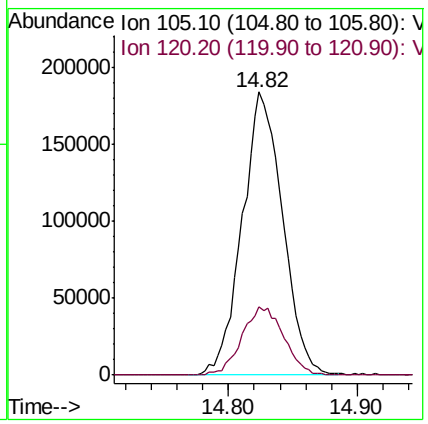


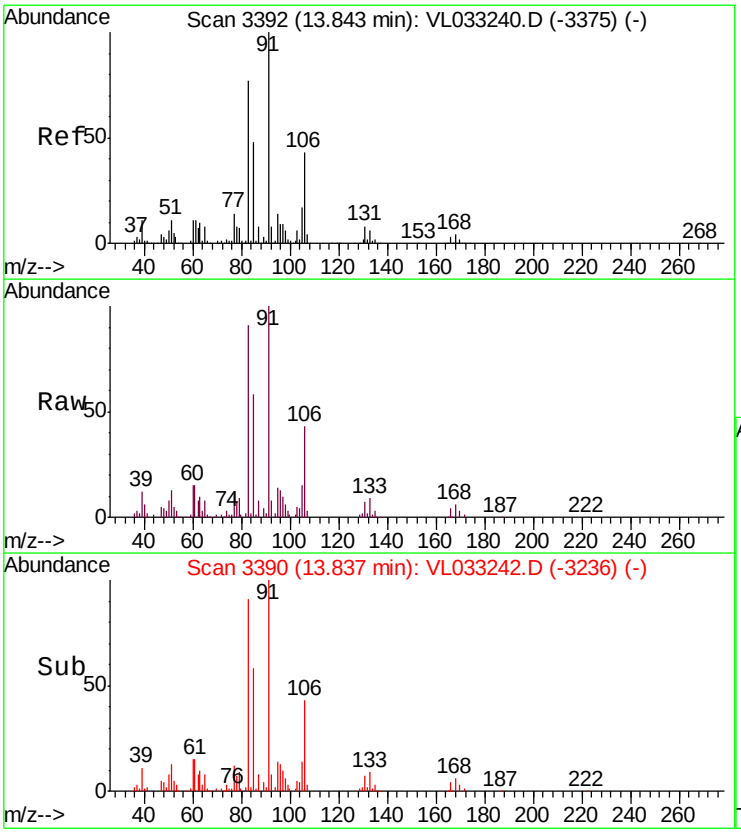


#62
Isopropylbenzene
Concen: 0.896 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:105 Resp: 401400

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.1	30.1

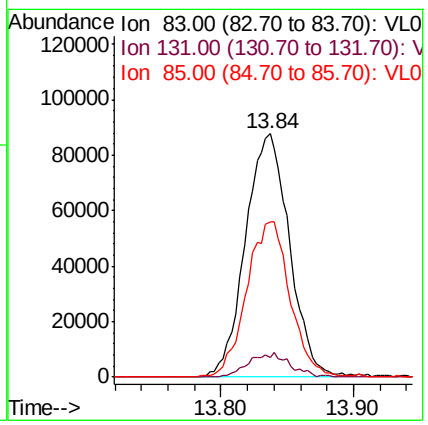


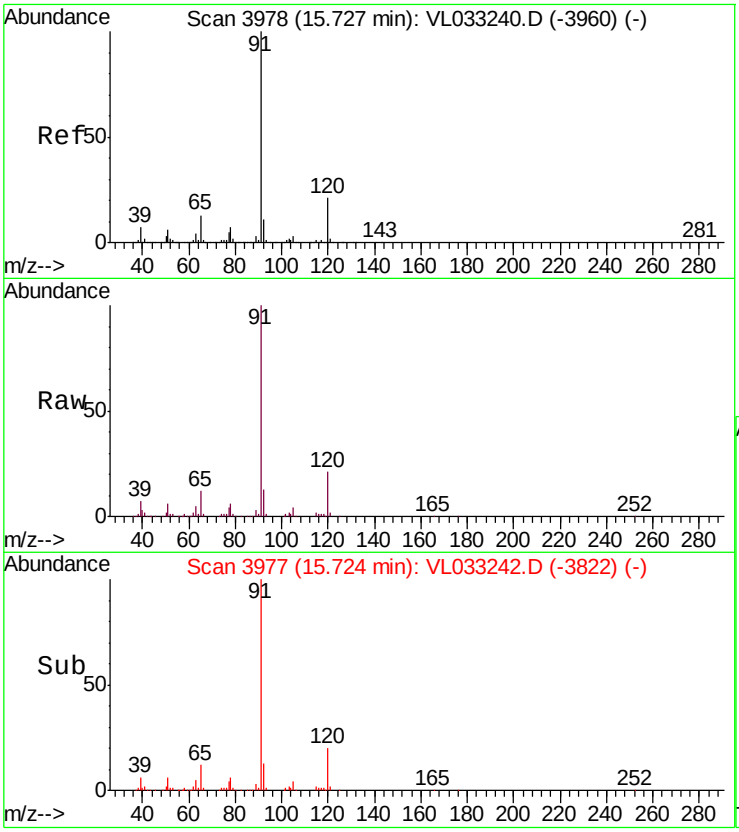


#63
1,1,2,2-Tetrachloroethane
Concen: 0.809 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 83 Resp: 201518

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	63.6	32.6	97.8

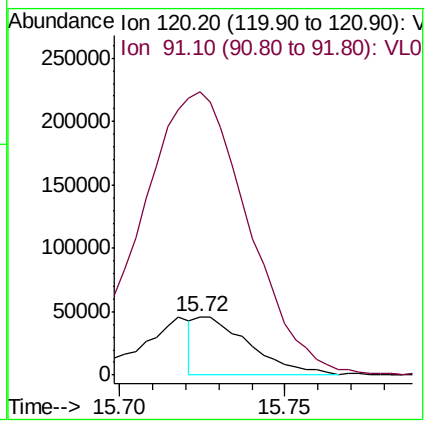


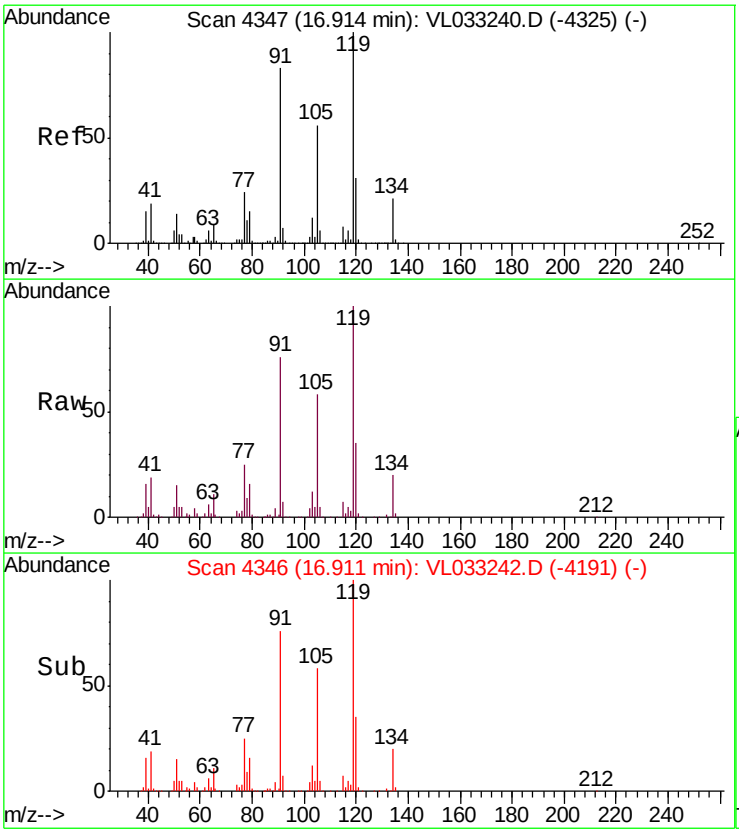


#64
n-propylbenzene
Concen: 0.447 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:120 Resp: 50656

Ion	Ratio	Lower	Upper
120	100		
91	999.3	392.2	588.4#

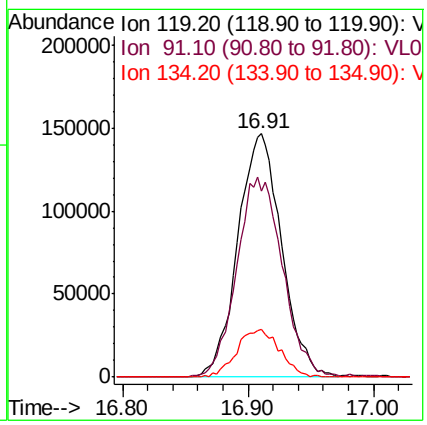


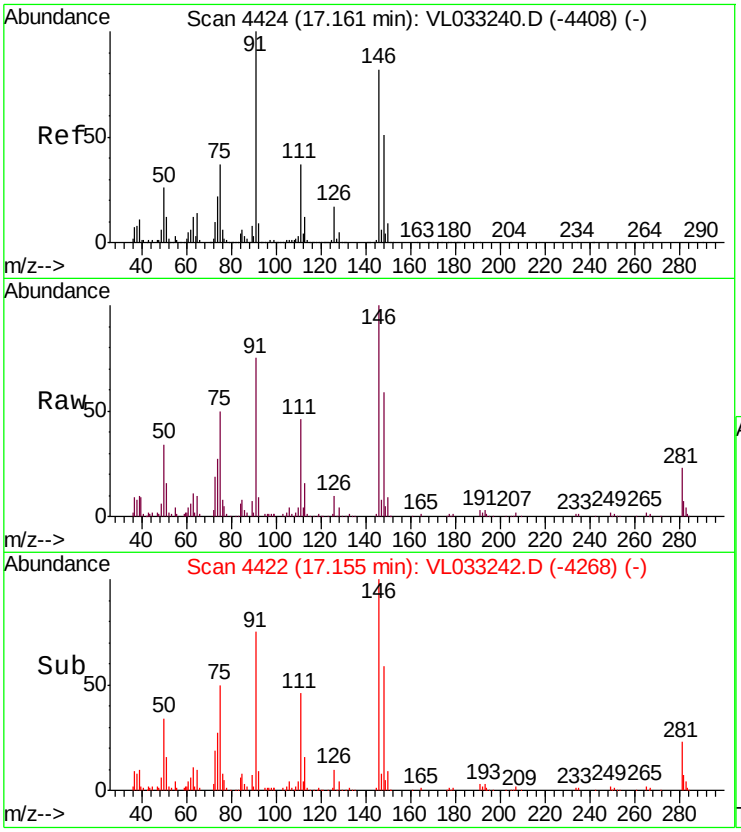


#65
tert-Butylbenzene
Concen: 0.909 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:119 Resp: 353457

Ion	Ratio	Lower	Upper
119	100		
91	86.6	67.0	100.4
134	19.3	15.4	23.2

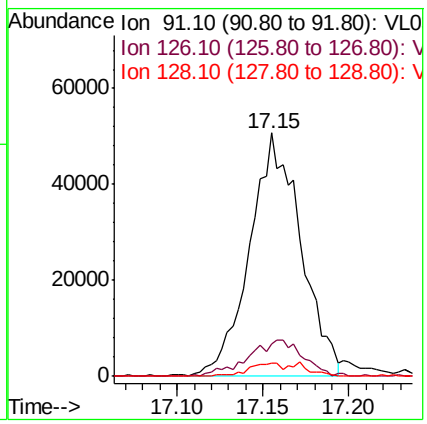


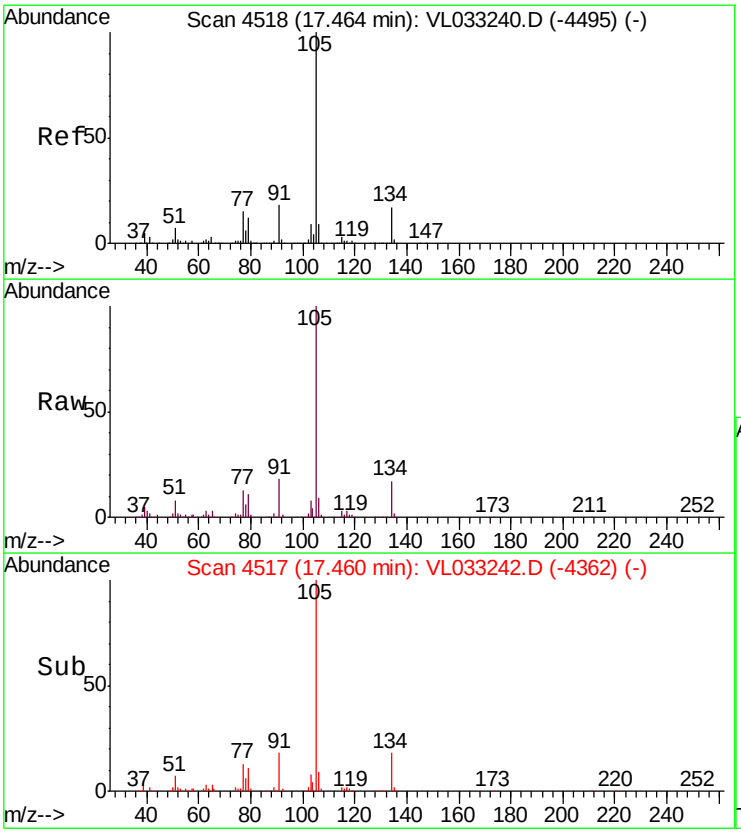


#66
Benzyl Chloride
Concen: 0.758 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 103324

Ion	Ratio	Lower	Upper
91	100		
126	16.6	13.4	20.0
128	5.9	4.2	6.2

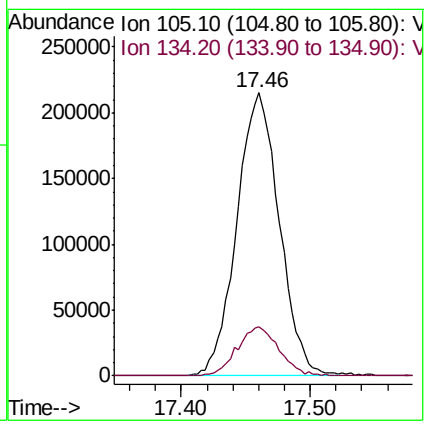


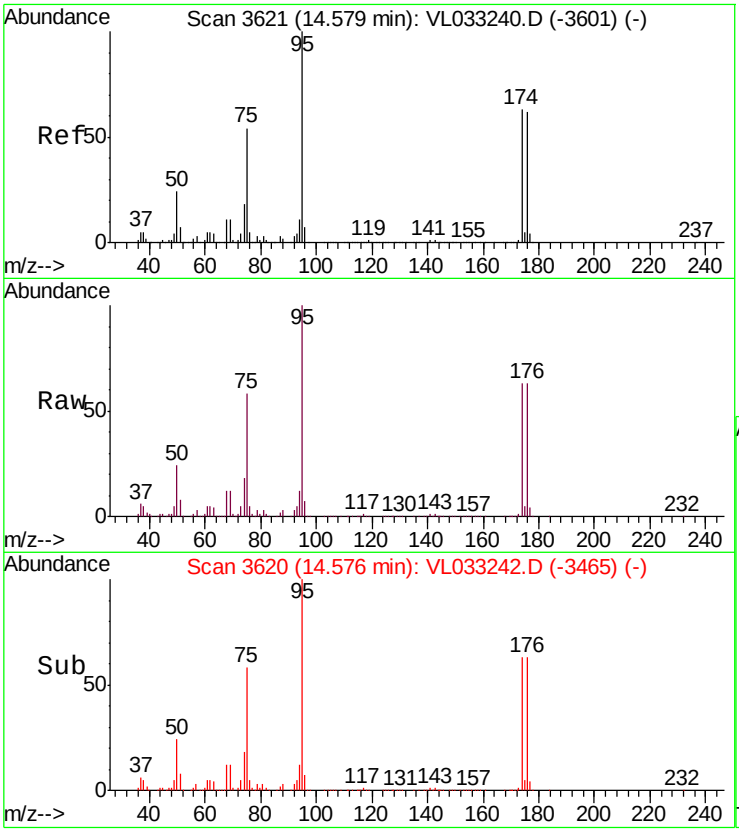


#67
sec-Butylbenzene
Concen: 0.875 ppbv
RT: 17.46 min Scan# 4517
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:105 Resp: 492963

Ion	Ratio	Lower	Upper
105	100		
134	17.3	14.2	21.4

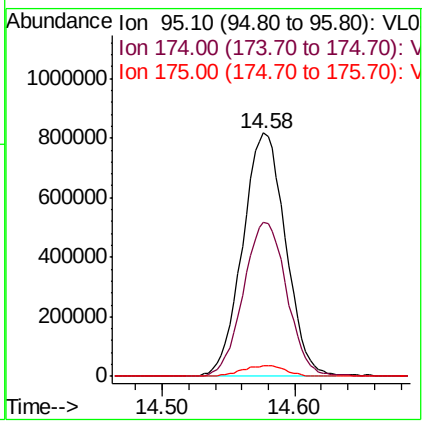


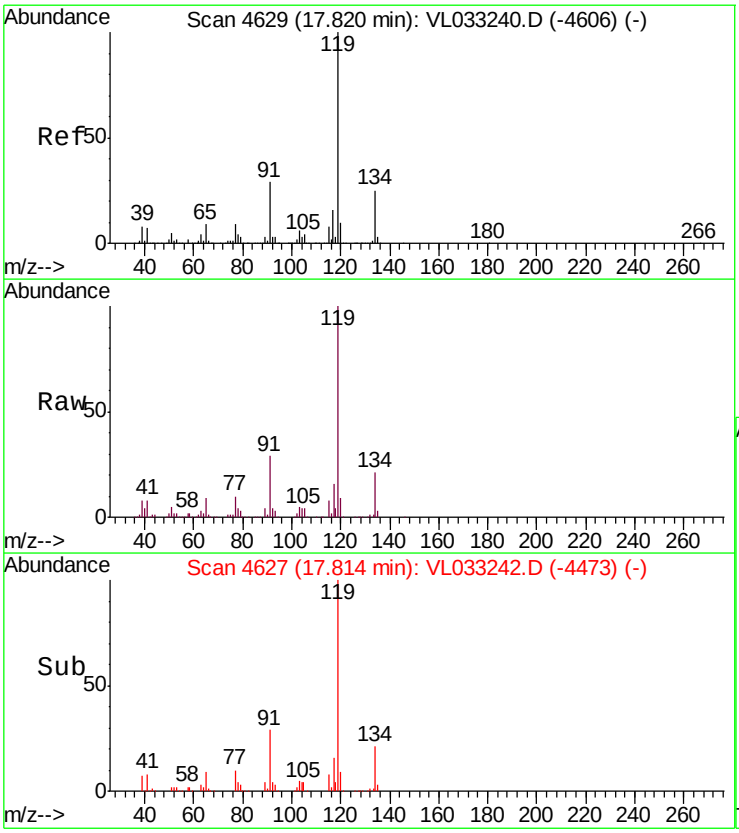


#68
1-Bromo-4-Fluorobenzene
Concen: 9.819 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 95 Resp: 1839362

Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.0	76.4
175	4.6	3.8	5.6

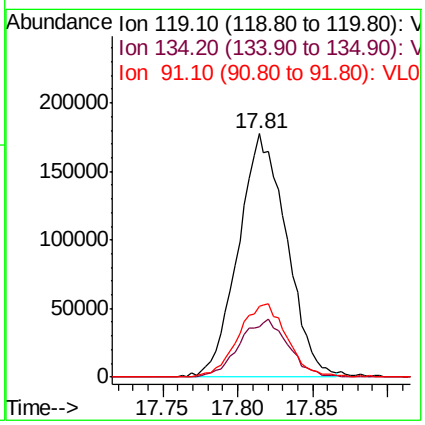


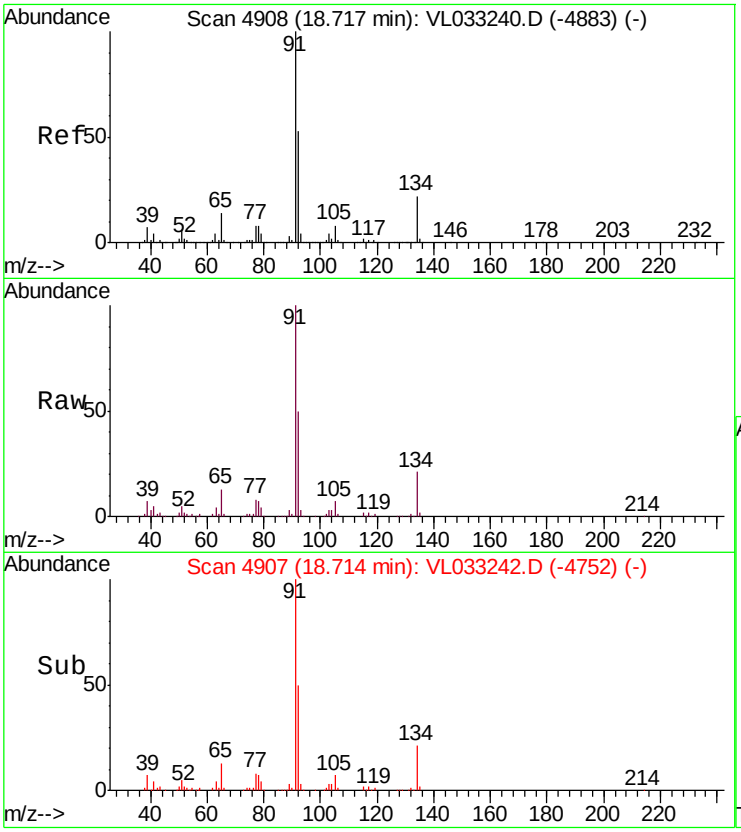


#69
p-Isopropyltoluene
Concen: 0.846 ppbv
RT: 17.81 min Scan# 4627
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:119 Resp: 397130

Ion	Ratio	Lower	Upper
119	100		
134	24.0	19.9	29.9
91	30.8	23.9	35.9

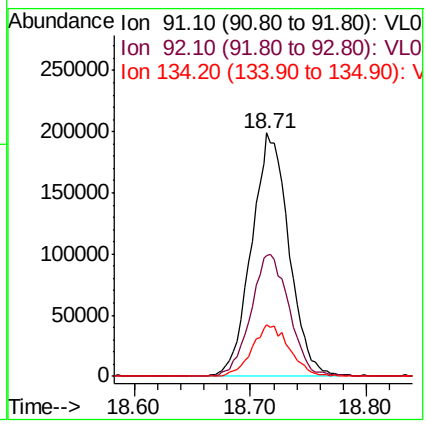


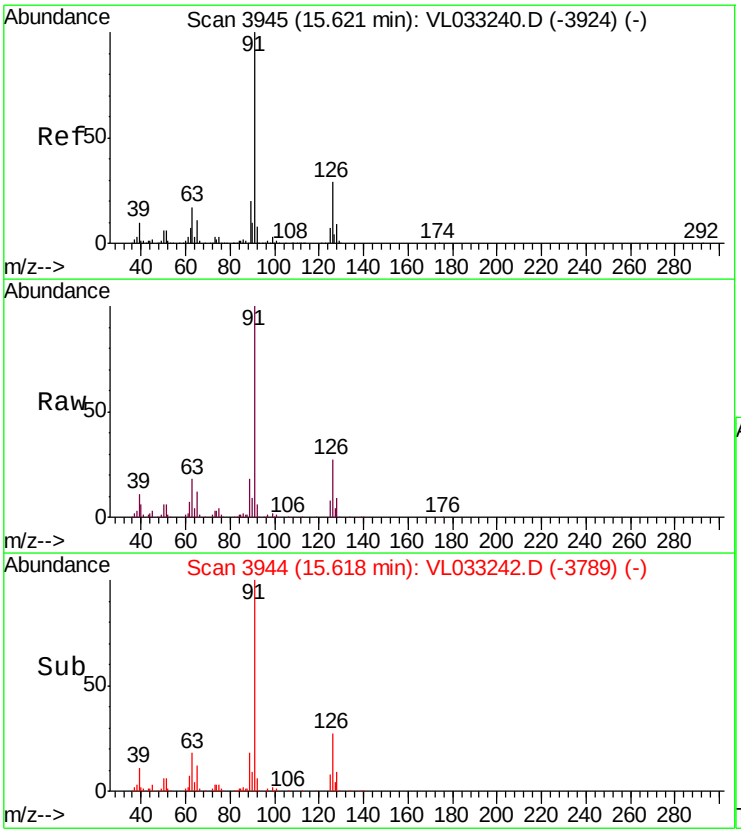


#70
n-Butylbenzene
Concen: 0.877 ppbv
RT: 18.71 min Scan# 4907
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 445442

Ion	Ratio	Lower	Upper
91	100		
92	51.5	42.4	63.6
134	21.2	17.3	25.9

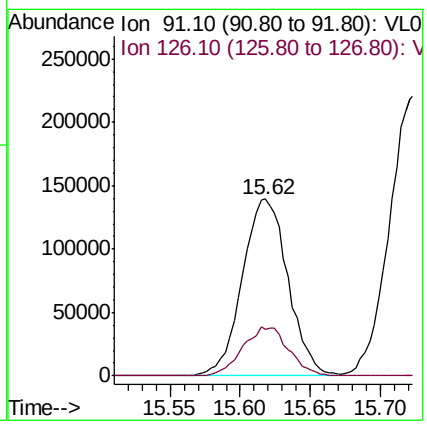


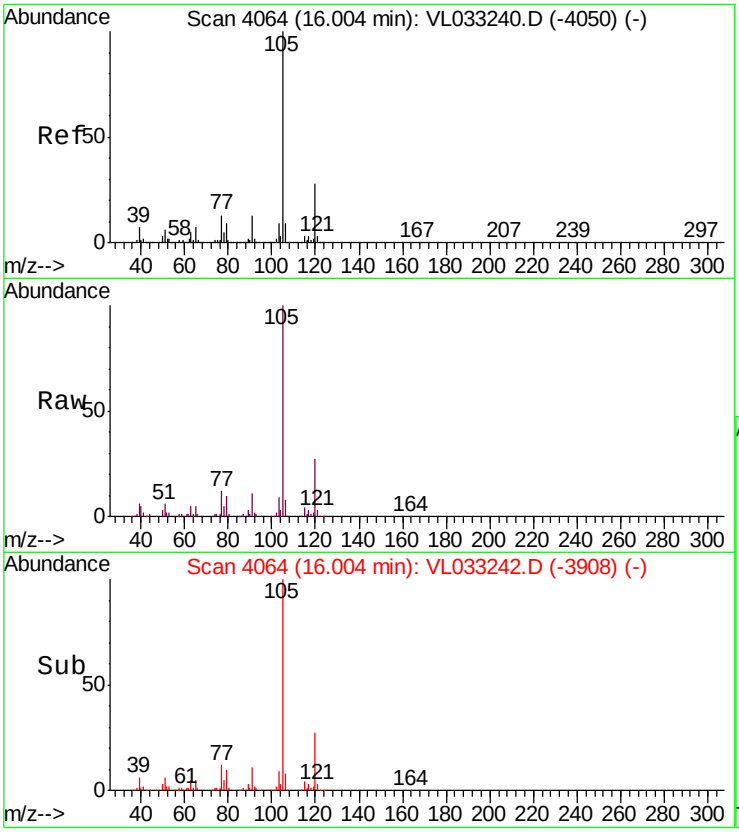


#71
2-Chlorotoluene
Concen: 0.902 ppbv
RT: 15.62 min Scan# 3944
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion: 91 Resp: 315935

Ion	Ratio	Lower	Upper
91	100		
126	28.0	11.6	46.2

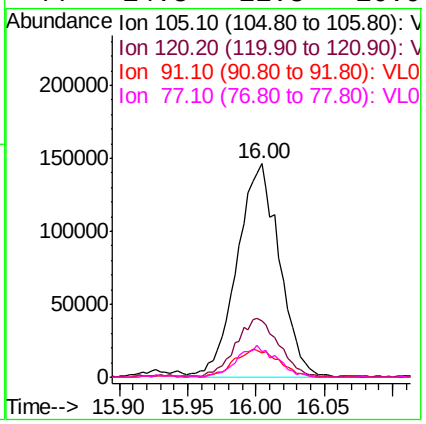


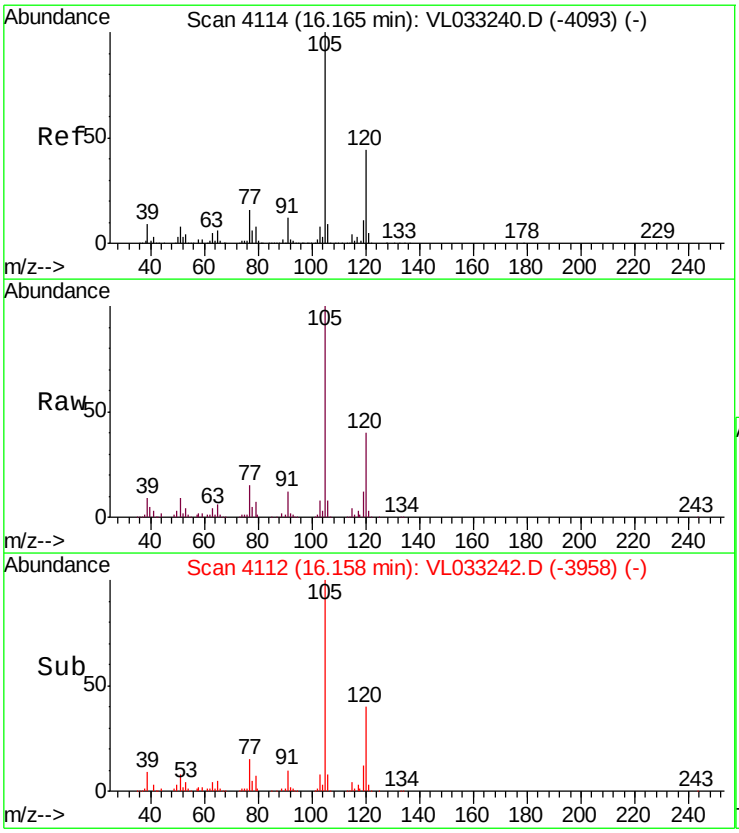


#72
4-Ethyltoluene
Concen: 0.856 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:105 Resp: 312062

Ion	Ratio	Lower	Upper
105	100		
120	28.6	22.3	33.5
91	14.1	10.3	15.5
77	14.3	11.3	16.9

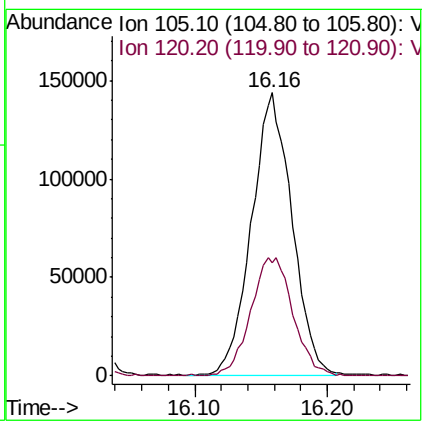


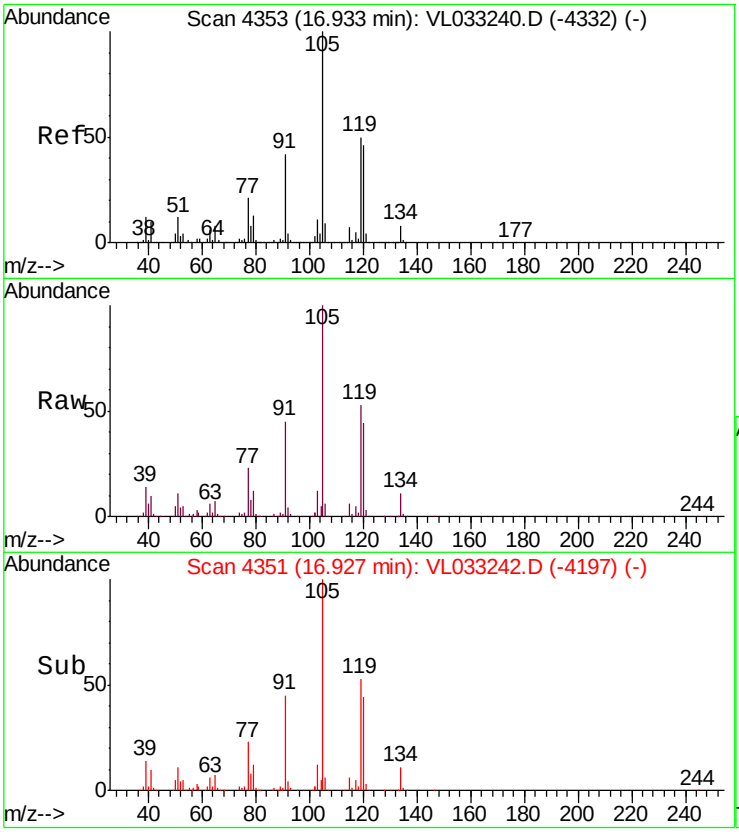


#73
1,3,5-Trimethylbenzene
Concen: 0.878 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:105 Resp: 305783

Ion	Ratio	Lower	Upper
105	100		
120	39.8	35.0	52.6

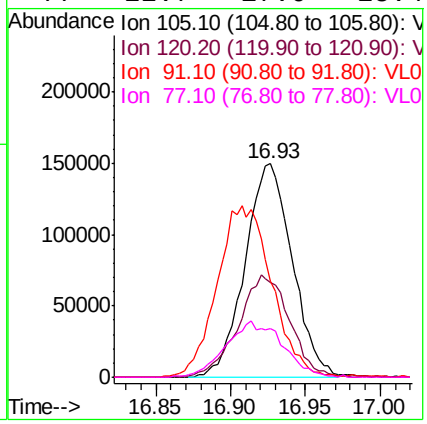


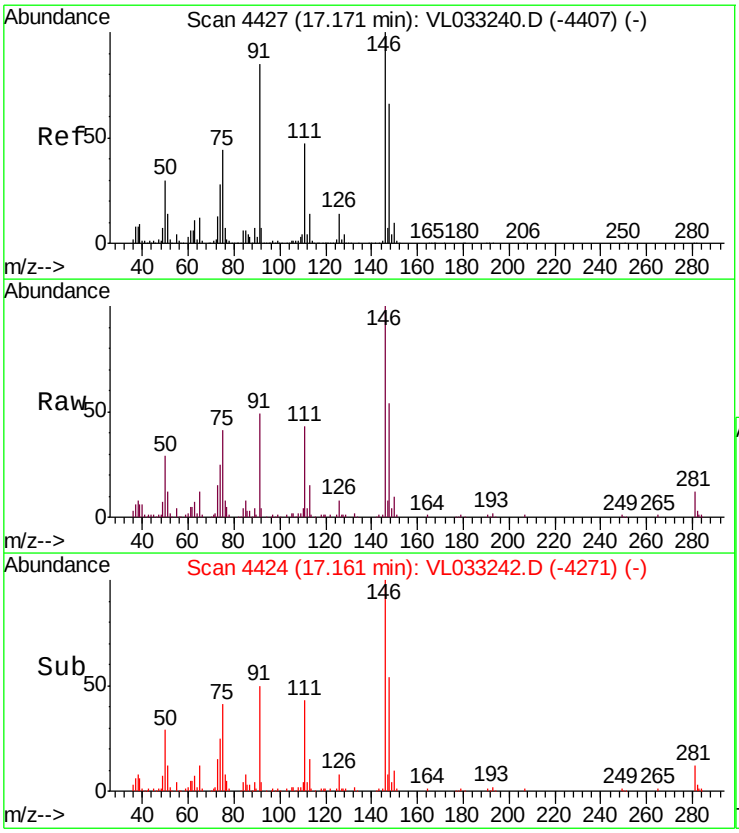


#74
1,2,4-Trimethylbenzene
Concen: 0.905 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:105 Resp: 327820

Ion	Ratio	Lower	Upper
105	100		
120	46.6	36.5	54.7
91	44.0	34.4	51.6
77	22.7	17.0	25.4

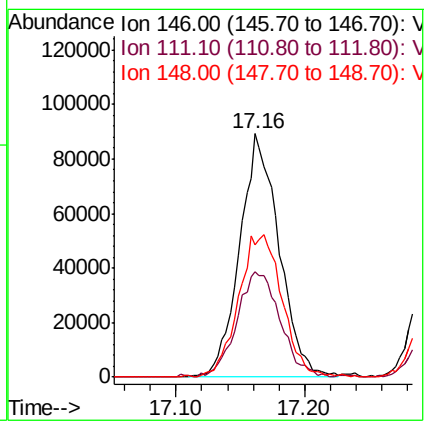


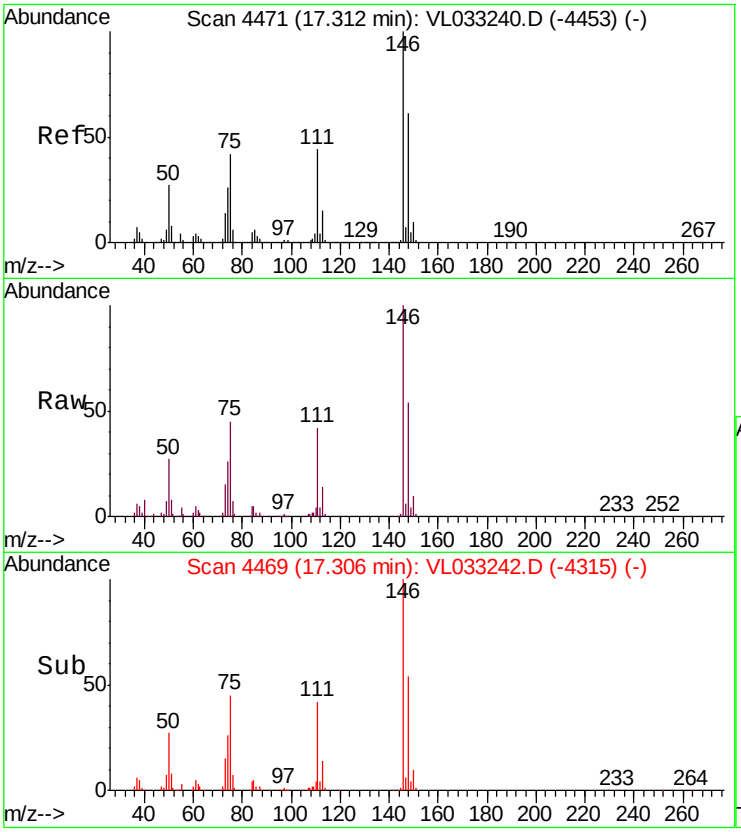


#75
1,3-Dichlorobenzene
Concen: 0.910 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:146 Resp: 189625

Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.4	70.0
148	65.1	32.1	96.3

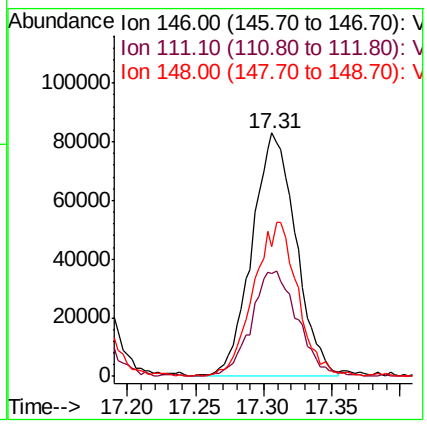


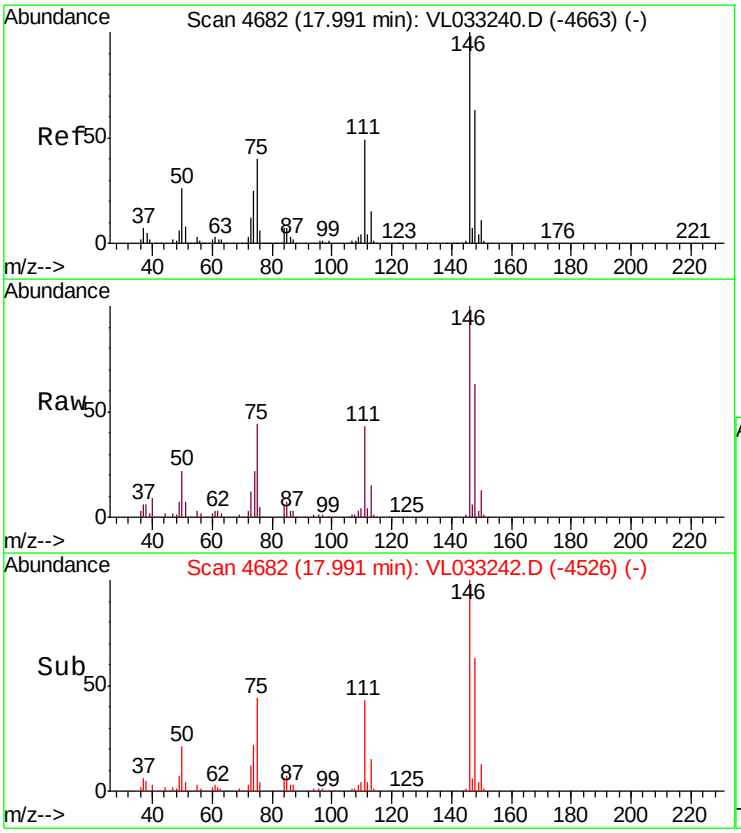


#76
1,4-Dichlorobenzene
Concen: 0.897 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:146 Resp: 185002

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.3
148	64.6	32.1	96.3

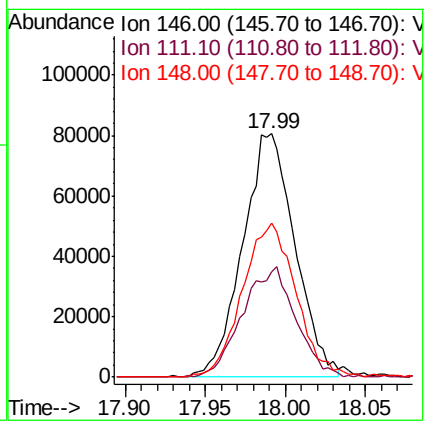


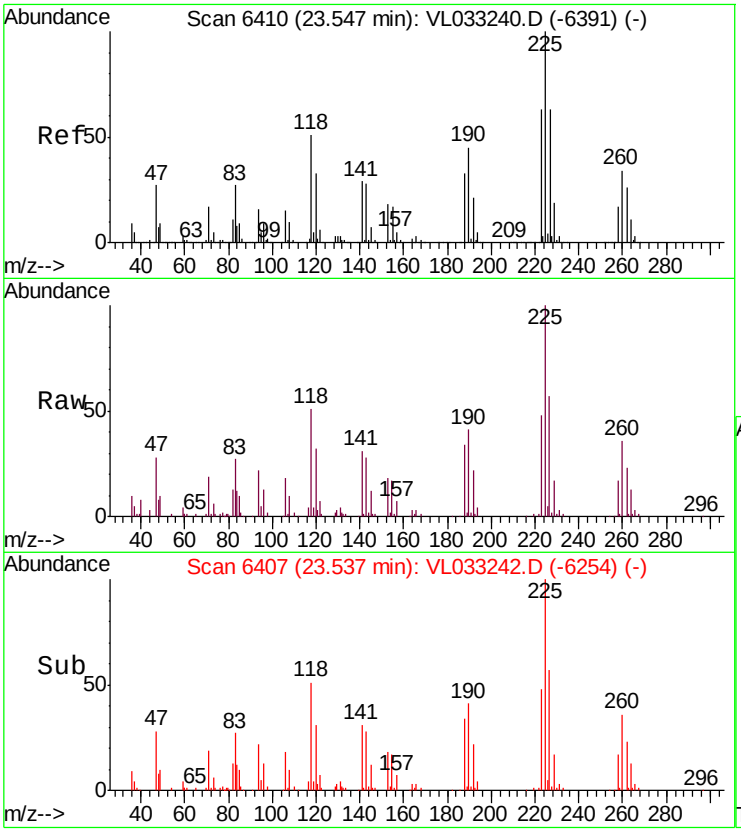


#77
1,2-Dichlorobenzene
Concen: 0.882 ppbv
RT: 17.99 min Scan# 4682
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:146 Resp: 181572

Ion	Ratio	Lower	Upper
146	100		
111	46.2	23.6	71.0
148	65.4	32.3	96.9

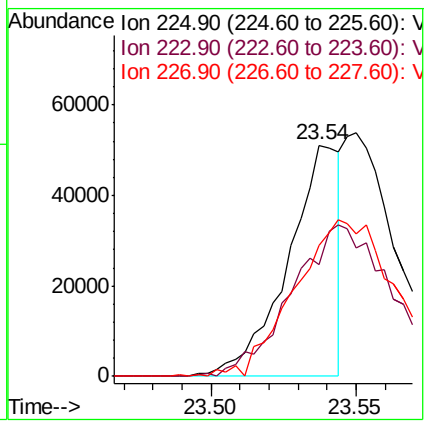


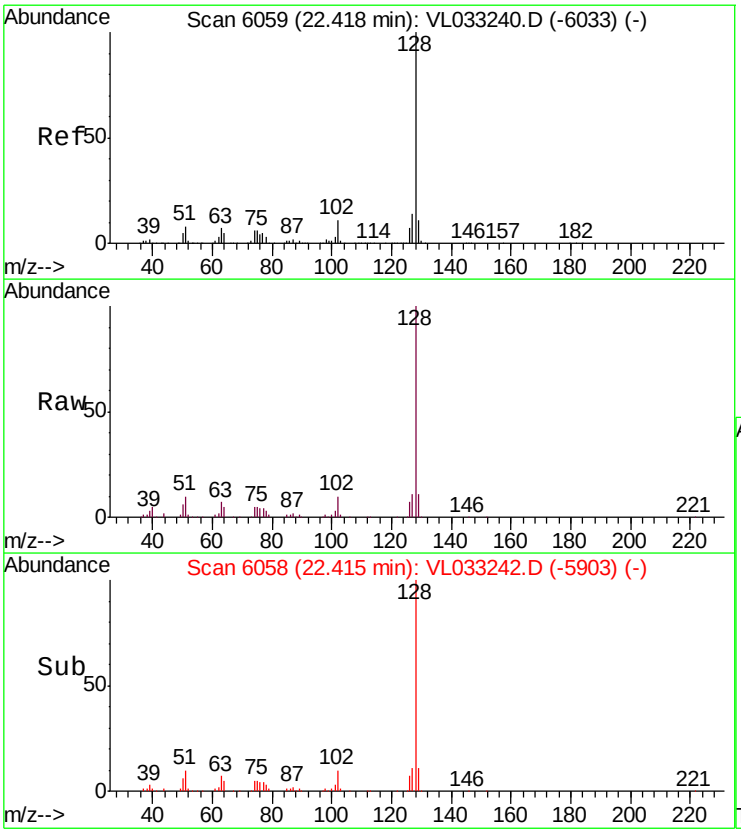


#78
Hexachloro-1,3-Butadiene
Concen: 0.579 ppbv
RT: 23.54 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:225 Resp: 63135

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.9	76.3#
227	0.0	50.7	76.1#

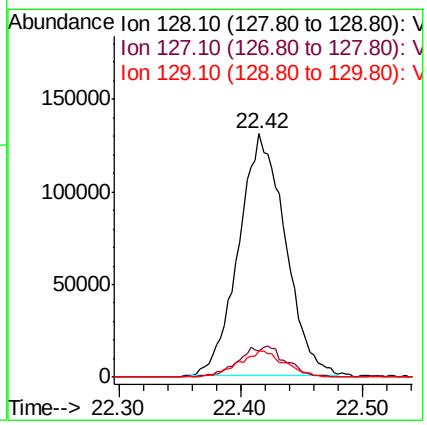


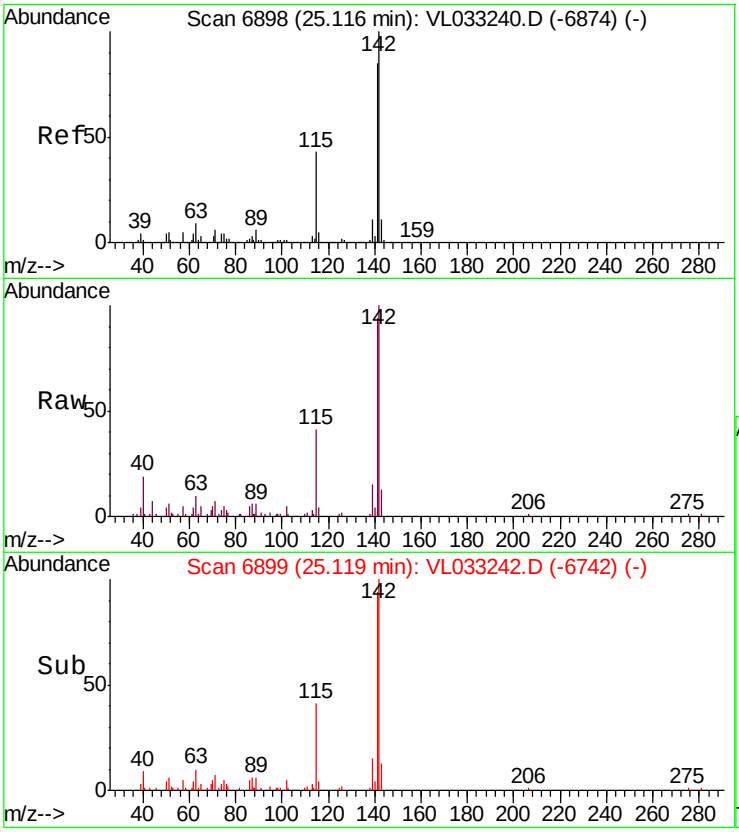


#79
Naphthalene
Concen: 0.842 ppbv
RT: 22.42 min Scan# 6058
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:128 Resp: 346332

Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.8	16.2#
129	10.8	8.6	13.0

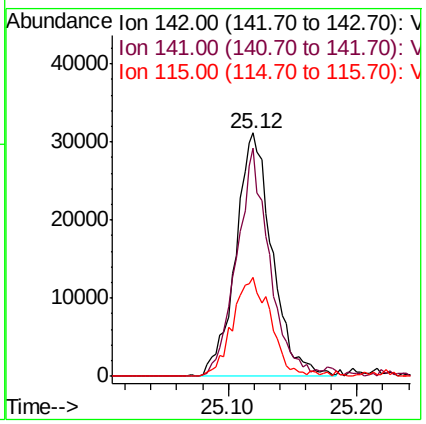


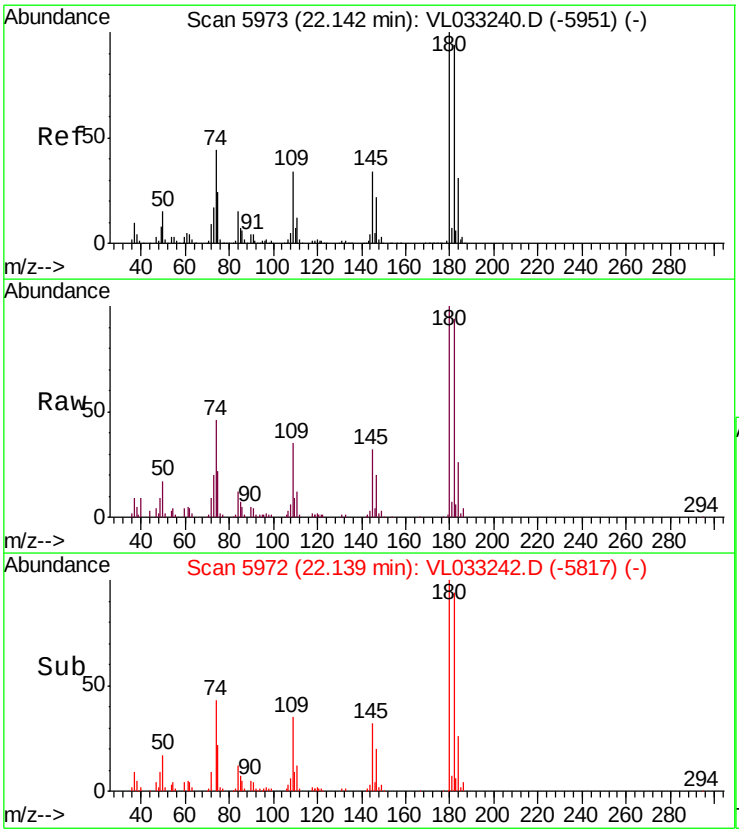


#80
Naphthalene,2-methyl-
Concen: 0.297 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:142 Resp: 61014

Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.0	102.0
115	43.1	34.1	51.1





#81
1,2,4-Trichlorobenzene
Concen: 0.893 ppbv
RT: 22.14 min Scan# 5972
Delta R.T. -0.00 min
Lab File: VL033242.D
Acq: 6 Mar 2019 3:17

Tgt Ion:180 Resp: 184126

Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
184	31.3	24.3	36.5