Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031519\
Data File : VL033321.D
Acq On : 15 Mar 2019 5:29
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 15 06:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 04:20:36 2019
QLast Update : Fri Mar 15 04:20:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	894652	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2013890	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1942484	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1624660	10.94	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	19838	0.126	ppbv		96
3) Chlorodifluoromethane	3.01	51	12716	0.112	ppbv		100
4) Chloromethane	3.17	50	6637	0.108	ppbv	#	75
5) Vinyl Chloride	3.30	62	5585	0.090	ppbv	#	88
6) Bromomethane	3.52	94	2049	0.055	ppbv	#	18
8) Dichlorotetrafluoroethane	3.22	85	15781	0.107	ppbv		98
9) Propene	3.03	41	2322	0.046	ppbv	#	15
10) Heptane	8.24	43	2614	0.021	ppbv	#	1
11) Trichlorofluoromethane	4.01	101	17329	0.106	ppbv	#	74
12) 1,1,2-Trichlorotrifluoroet	4.54	101	3414	0.031	ppbv	#	14
13) Ethanol	3.66	45	1459	0.091	ppbv	#	38
14) Bromoethene	3.79	108	2092	0.045	ppbv	#	1
15) Acetone	3.93	43	18363	0.151	ppbv		93
16) 1,3-Butadiene	3.37	39	4152	0.085	ppbv		83
18) 1,1-Dichloroethene	4.35	96	4656	0.096	ppbv	#	92
19) Isopropyl Alcohol	4.05	45	3786	0.051	ppbv	#	94
20) Methylene Chloride	4.41	84	5051	0.103	ppbv		93
21) Allyl Chloride	4.48	41	6489	0.089	ppbv		86
24) 1,1-Dichloroethane	5.09	63	6580	0.053	ppbv	#	85
25) Ethyl Acetate	5.78	43	20032	0.091	ppbv	#	95
26) Hexane	5.78	57	5397	0.053	ppbv	#	1
27) Carbon Disulfide	4.62	76	7016	0.064	ppbv	#	16
28) Methyl tert-Butyl Ether	5.13	73	4610	0.032	ppbv	#	23
29) Chloroform	5.84	83	16173	0.101	ppbv	#	78
30) Cyclohexane	7.24	84	1897	0.024	ppbv	#	1
31) cis-1,2-Dichloroethene	5.64	61	4542	0.046	ppbv	#	69
32) 1,1,1-Trichloroethane	6.62	97	5602	0.036	ppbv	#	3
34) 2-Butanone	5.35	43	5606	0.041	ppbv	#	55
35) Carbon Tetrachloride	7.13	117	4781	0.031	ppbv		91
36) Benzene	7.00	78	16017	0.082	ppbv		97
37) 1,2-Dichloroethane	6.41	62	11248	0.095	ppbv		98
38) Trichloroethene	7.96	130	2785	0.036	ppbv	#	36
39) 1,2-Dichloropropane	7.29	63	532242	7.106	ppbv	#	22
42) Bromodichloromethane	7.92	83	13896	0.084	ppbv	#	98
43) Methyl Methacrylate	8.14	69	1851	0.024	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.99	57	19160	0.057	ppbv	#	57
46) cis-1,3-Dichloropropene	8.84	75	5022	0.046	ppbv	#	89
47) 1,1,2-Trichloroethane	9.61	97	2538	0.032	ppbv	#	55
48) Dibromochloromethane	10.45	129	6753	0.050	ppbv		63
49) Bromoform	13.20	173	3726	0.033	ppbv	#	25
50) 4-Methyl-2-Pentanone	8.90	43	11788	0.059	ppbv	#	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031519\
Data File : VL033321.D
Acq On : 15 Mar 2019 5:29
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 15 06:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 04:20:36 2019
QLast Update : Fri Mar 15 04:20:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Tetrachloroethene	11.37	164	1726	0.021	ppbv	#	20
53) Toluene	9.95	91	9364	0.042	ppbv	#	52
54) 1,2-Dibromoethane	10.77	107	5083	0.039	ppbv		90
56) 1,1,1,2-Tetrachloroethane	12.28	131	4345	0.049	ppbv	#	5
57) Chlorobenzene	12.31	112	8876	0.056	ppbv	#	84
58) Ethyl Benzene	12.87	91	13127	0.047	ppbv		93
59) m/p-Xylene	13.15	91	6836	0.029	ppbv	#	32
60) o-Xylene	13.85	91	15415	0.068	ppbv		84
61) Styrene	13.69	104	3819	0.024	ppbv	#	1
62) Isopropylbenzene	14.83	105	14239	0.044	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.83	83	7086	0.043	ppbv	#	22
65) tert-Butylbenzene	16.91	119	12220	0.045	ppbv	#	18
66) Benzyl Chloride	17.16	91	2886	0.026	ppbv	#	80
67) sec-Butylbenzene	17.46	105	20973	0.054	ppbv	#	80
71) 2-Chlorotoluene	15.62	91	11564	0.048	ppbv		88
72) 4-Ethyltoluene	16.00	105	12952	0.053	ppbv	#	56
73) 1,3,5-Trimethylbenzene	16.16	105	12450	0.054	ppbv	#	61
74) 1,2,4-Trimethylbenzene	16.93	105	7423	0.032	ppbv	#	60
75) 1,3-Dichlorobenzene	17.17	146	6744	0.046	ppbv	#	2
76) 1,4-Dichlorobenzene	17.31	146	9006	0.063	ppbv	#	43
77) 1,2-Dichlorobenzene	18.00	146	11916	0.083	ppbv		77
78) Hexachloro-1,3-Butadiene	23.55	225	3741	0.038	ppbv	#	1
79) Naphthalene	22.42	128	7157	0.037	ppbv	#	73
80) Naphthalene,2-methyl-	25.12	142	5235	0.095	ppbv		95
81) 1,2,4-Trichlorobenzene	22.14	180	2369	0.022	ppbv	#	12

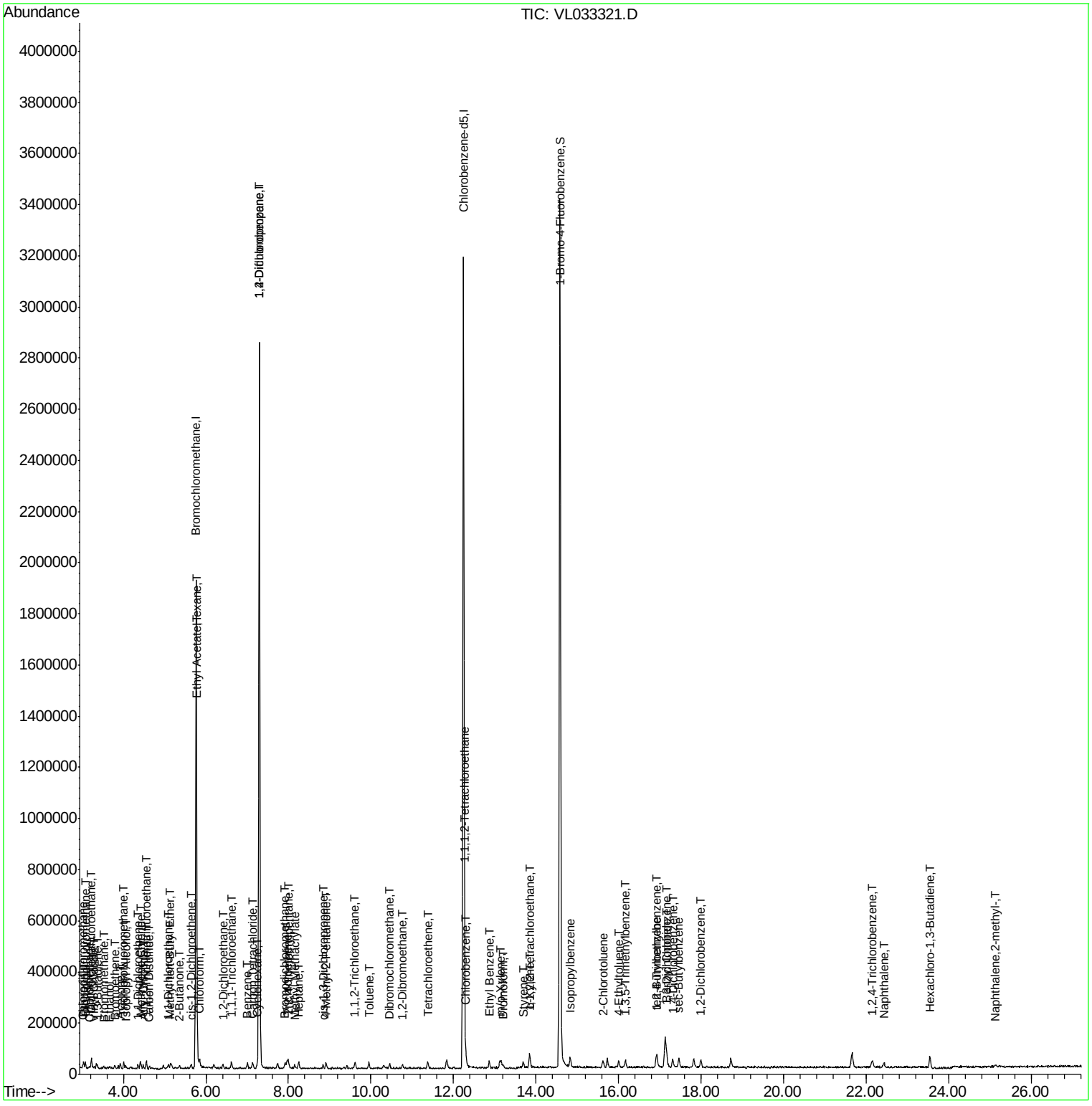
(#) = qualifier out of range (m) = manual integration (+) = signals summed

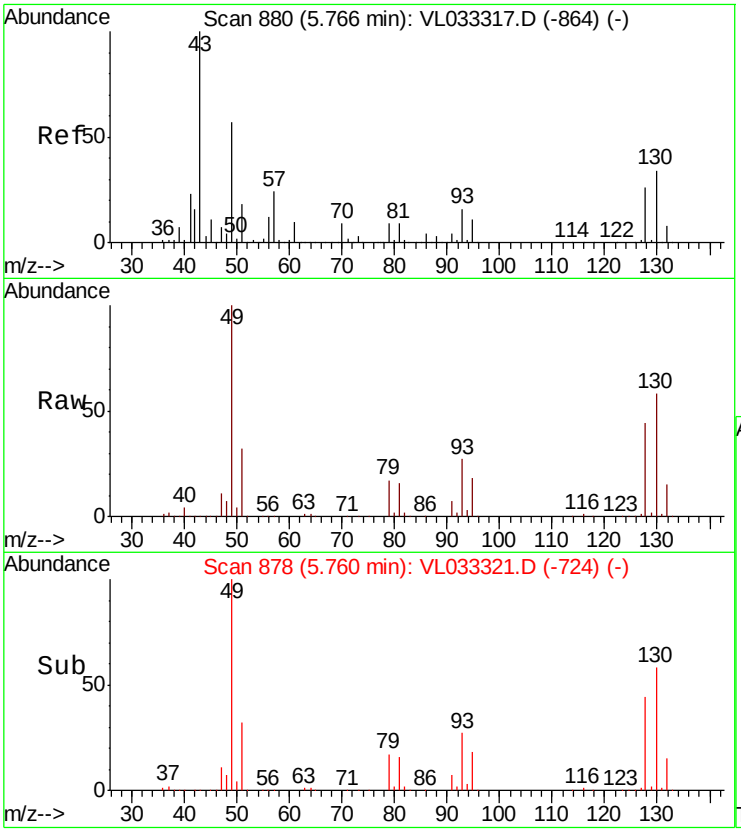
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031519\
Data File : VL033321.D
Acq On : 15 Mar 2019 5:29
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 15 06:37:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 04:20:36 2019
QLast Update : Fri Mar 15 04:20:36 2019
Response via : Initial Calibration



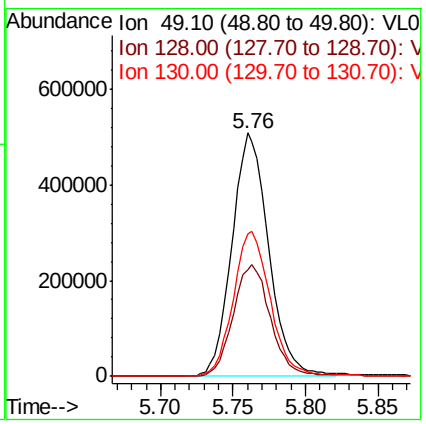


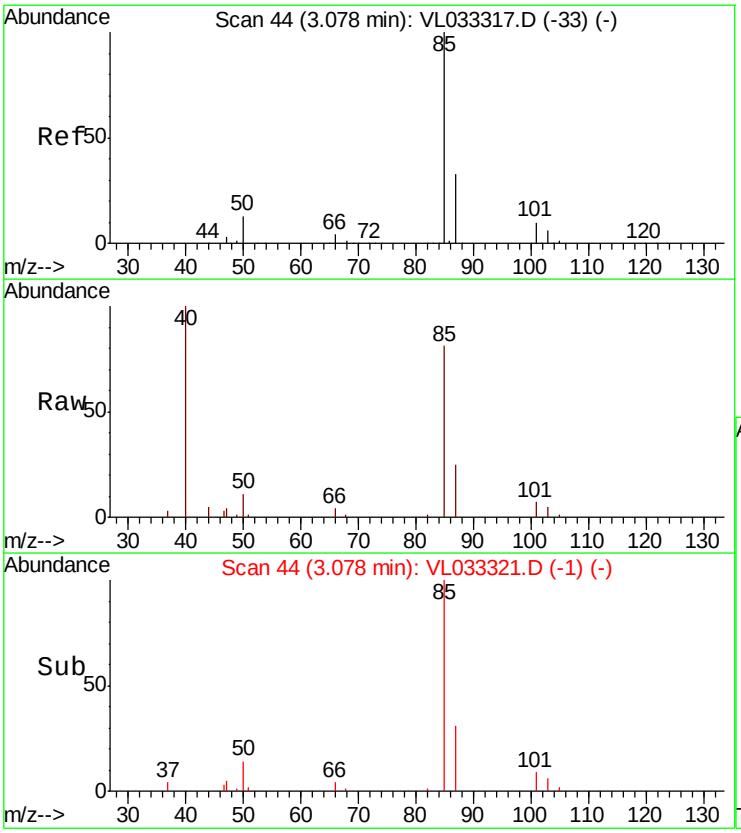
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 894652

Ion	Ratio	Lower	Upper
49	100		
128	47.1	23.2	69.6
130	60.4	30.1	90.5

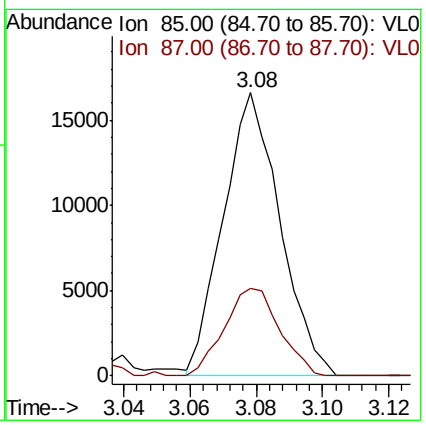


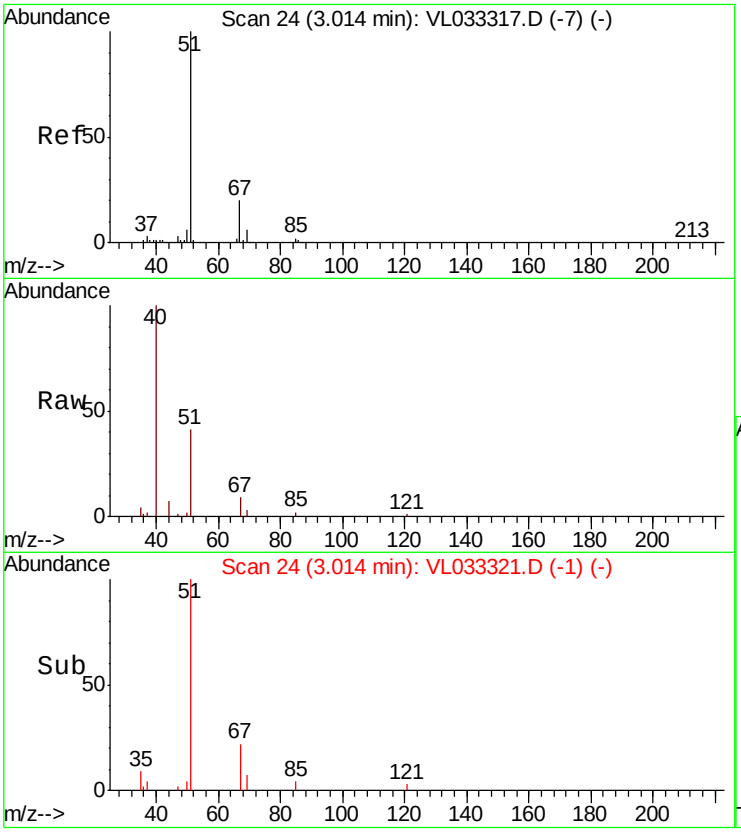


#2
Dichlorodifluoromethane
Concen: 0.126 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 85 Resp: 19838

Ion	Ratio	Lower	Upper
85	100		
87	30.7	26.4	39.6



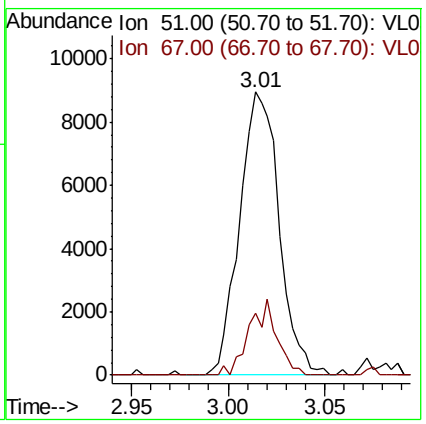


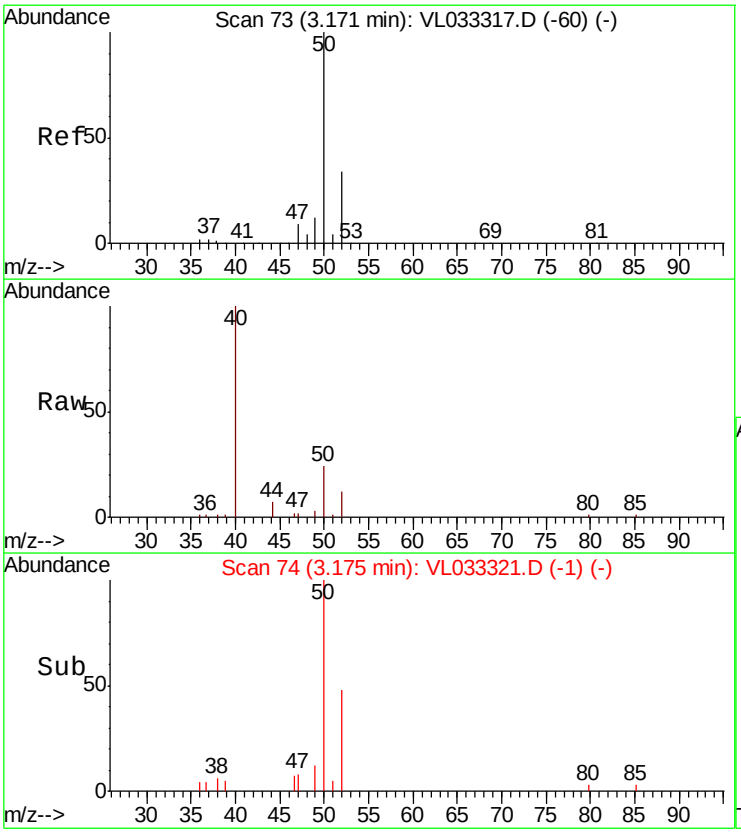
#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 12716

Ion	Ratio	Lower	Upper
51	100		
67	18.8	15.1	22.7

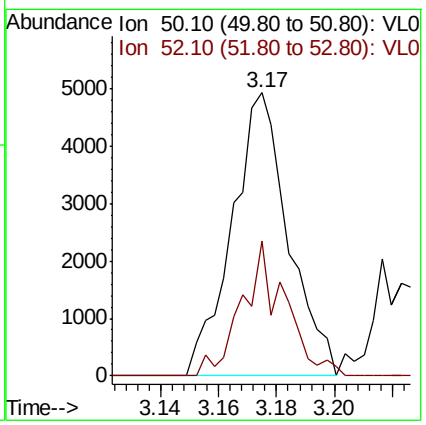


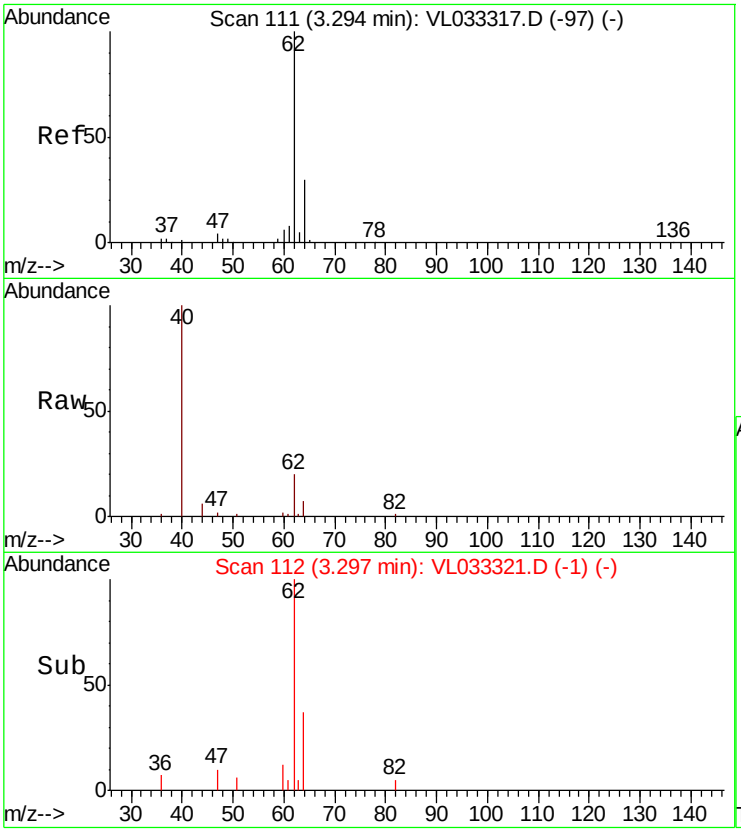


#4
Chloromethane
Concen: 0.108 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 50 Resp: 6637

Ion	Ratio	Lower	Upper
50	100		
52	47.8	26.8	40.2#



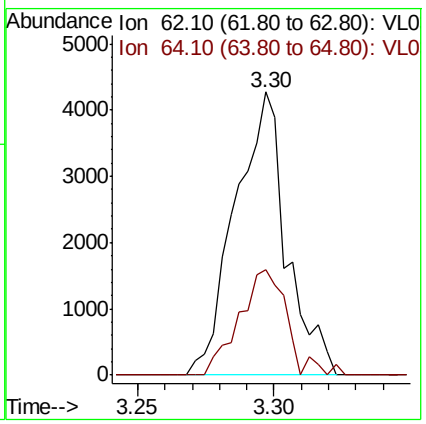


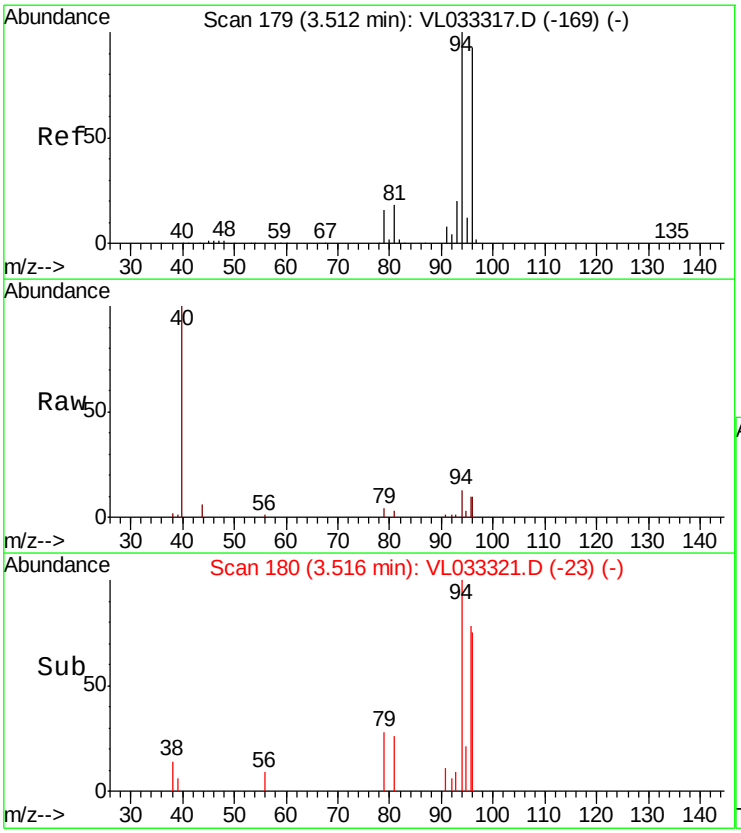
#5
Vinyl Chloride
Concen: 0.090 ppbv
RT: 3.30 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 5585

Ion	Ratio	Lower	Upper
62	100		
64	37.2	24.3	36.5#

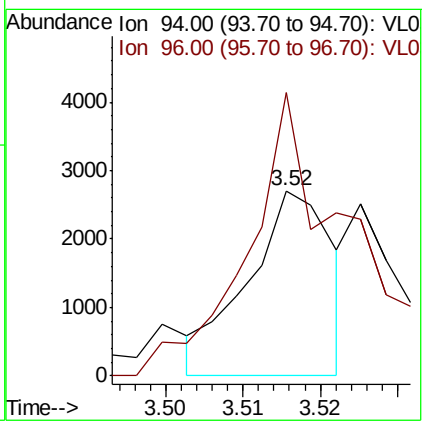


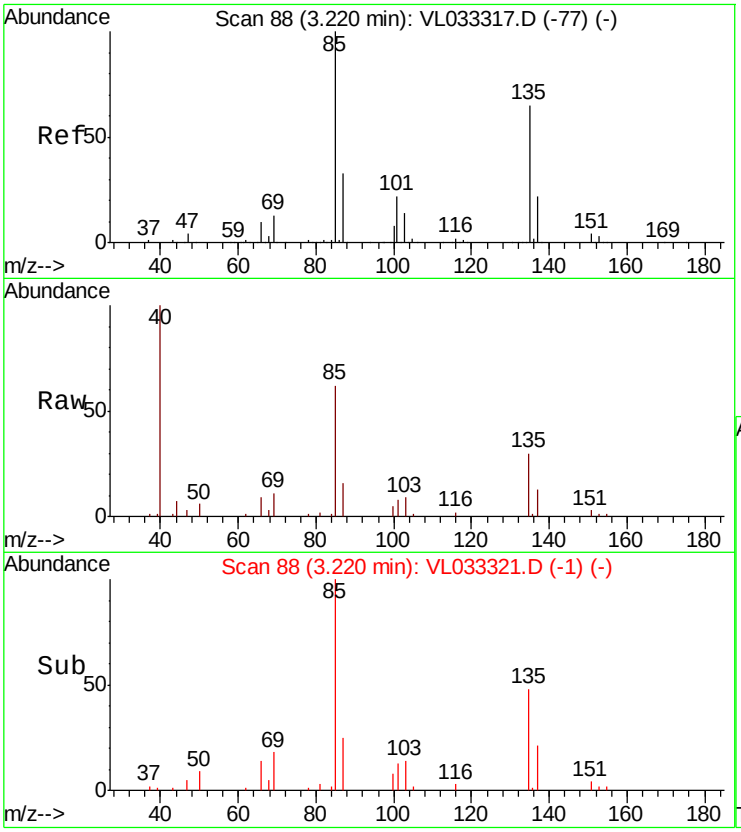


#6
Bromomethane
Concen: 0.055 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 94 Resp: 2049

Ion	Ratio	Lower	Upper
94	100		
96	172.0	74.8	112.2#



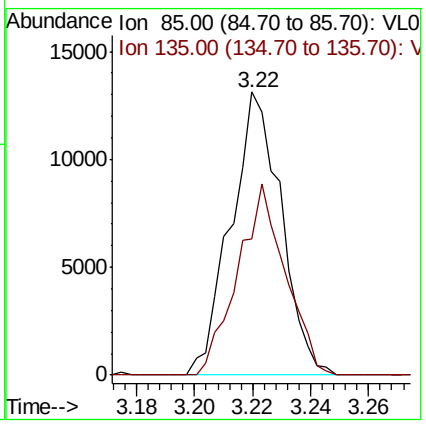


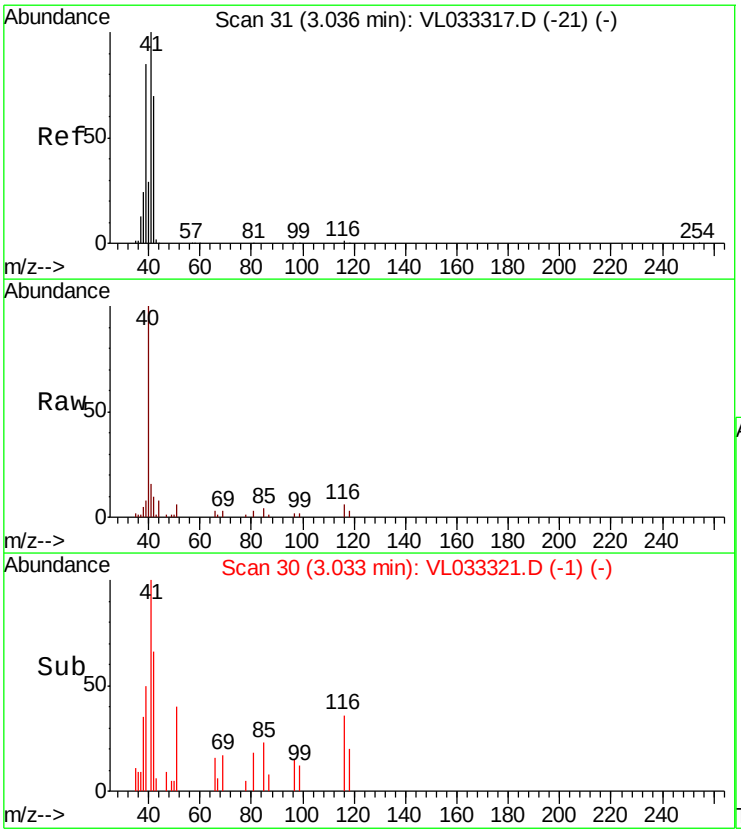
#8
Dichlorotetrafluoroethane
Concen: 0.107 ppbv
RT: 3.22 min Scan# 88
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 85 Resp: 15781

Ion	Ratio	Lower	Upper
85	100		
135	64.1	52.6	79.0

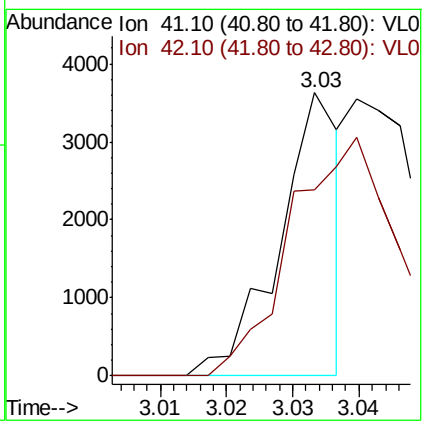


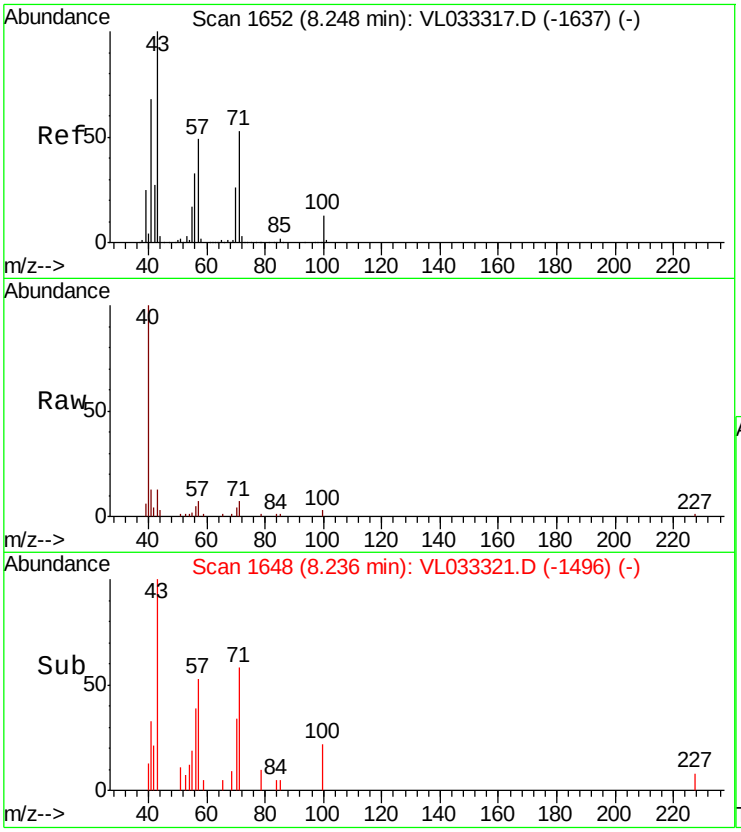


#9
Propene
Concen: 0.046 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 41 Resp: 2322

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.5	83.3#



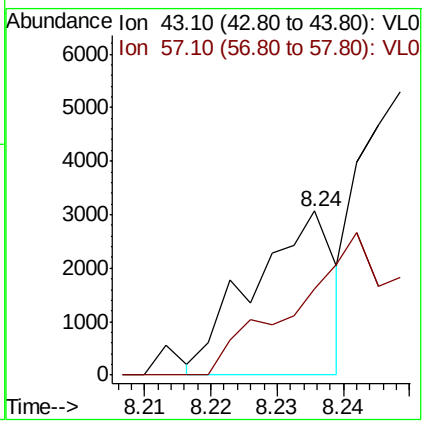


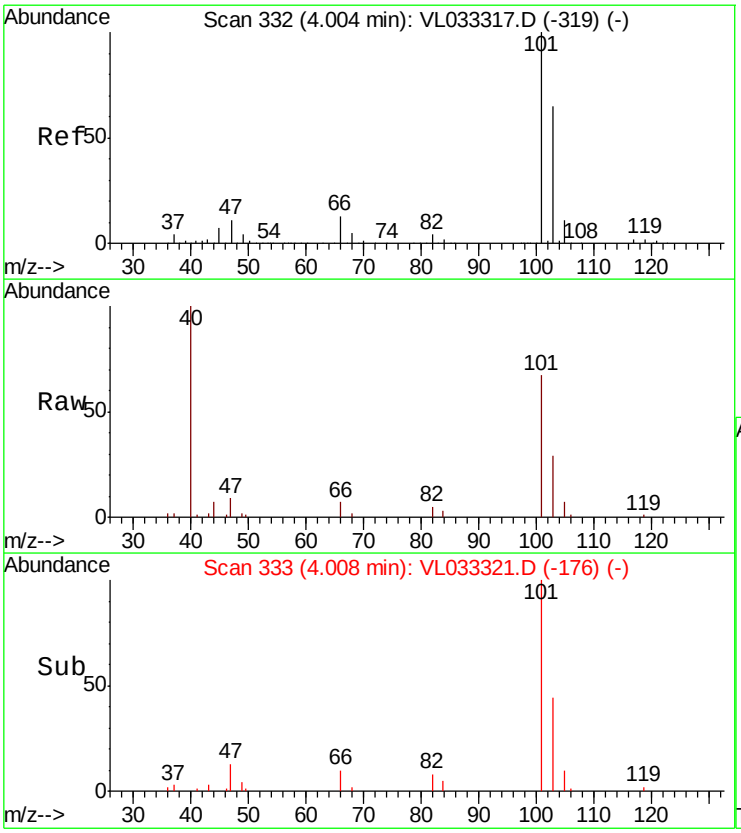
#10
Heptane
Concen: 0.021 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 2614

Ion	Ratio	Lower	Upper
43	100		
57	182.3	40.6	61.0#

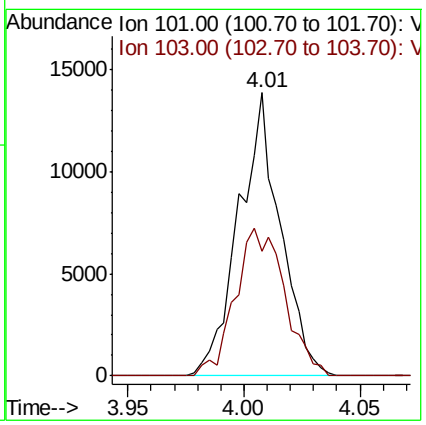


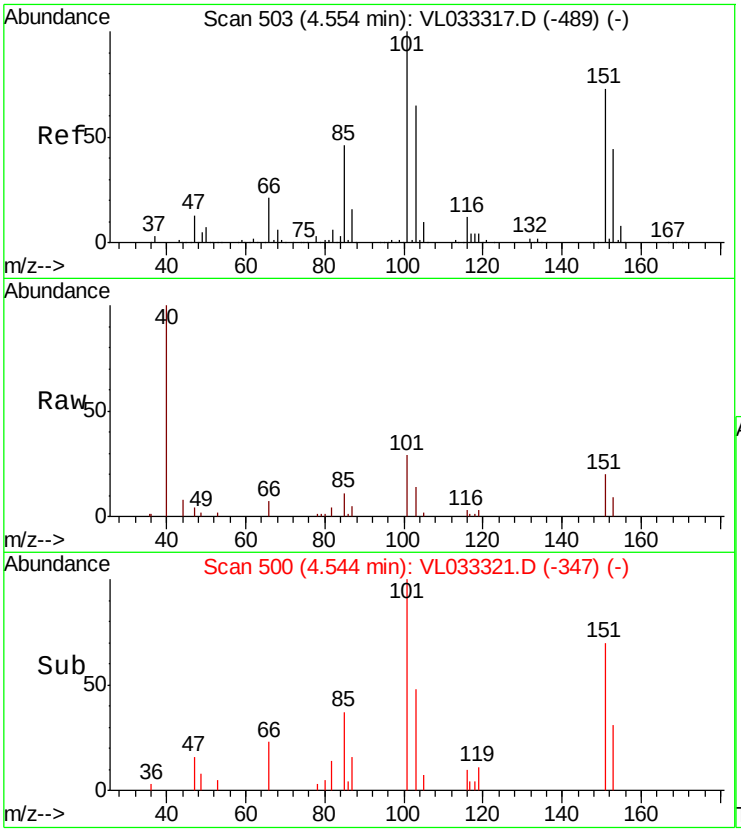


#11
Trichlorofluoromethane
Concen: 0.106 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:101 Resp: 17329

Ion	Ratio	Lower	Upper
101	100		
103	44.1	51.8	77.6#



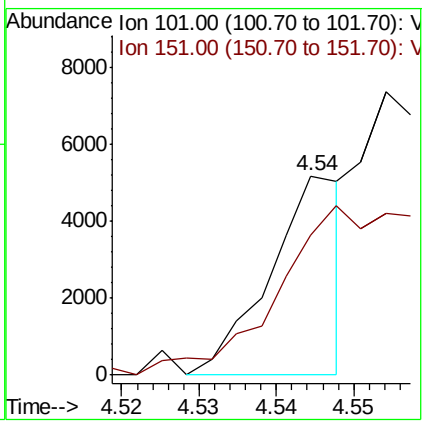


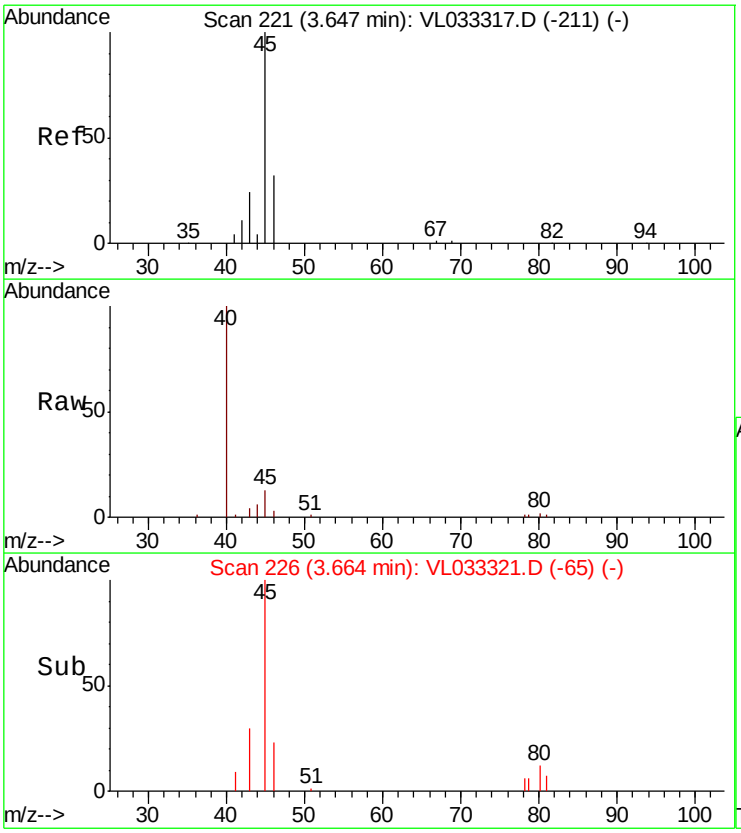
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.031 ppbv
RT: 4.54 min Scan# 500
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:101 Resp: 3414

Ion	Ratio	Lower	Upper
101	100		
151	0.0	57.2	85.8#

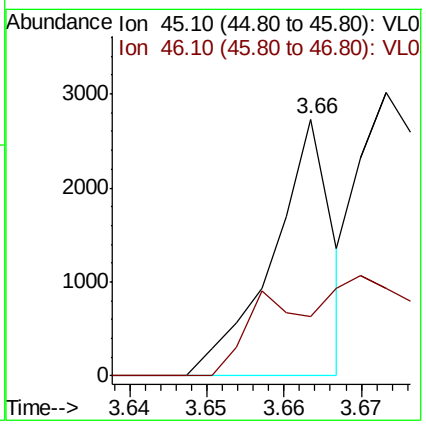


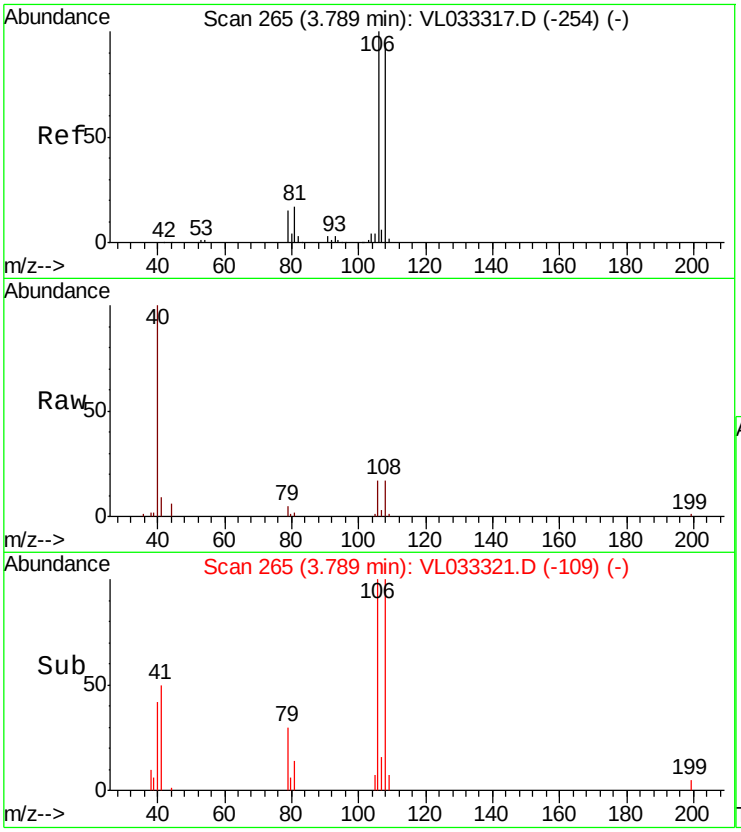


#13
Ethanol
Concen: 0.091 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.02 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 45 Resp: 1459

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.7	58.9#



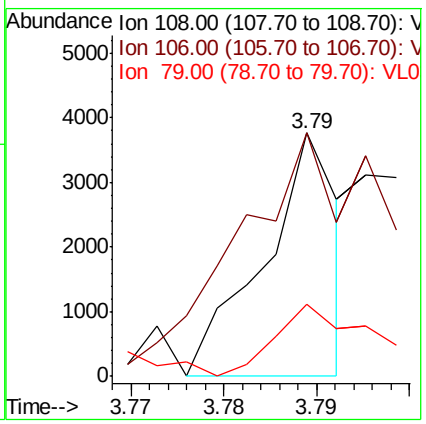


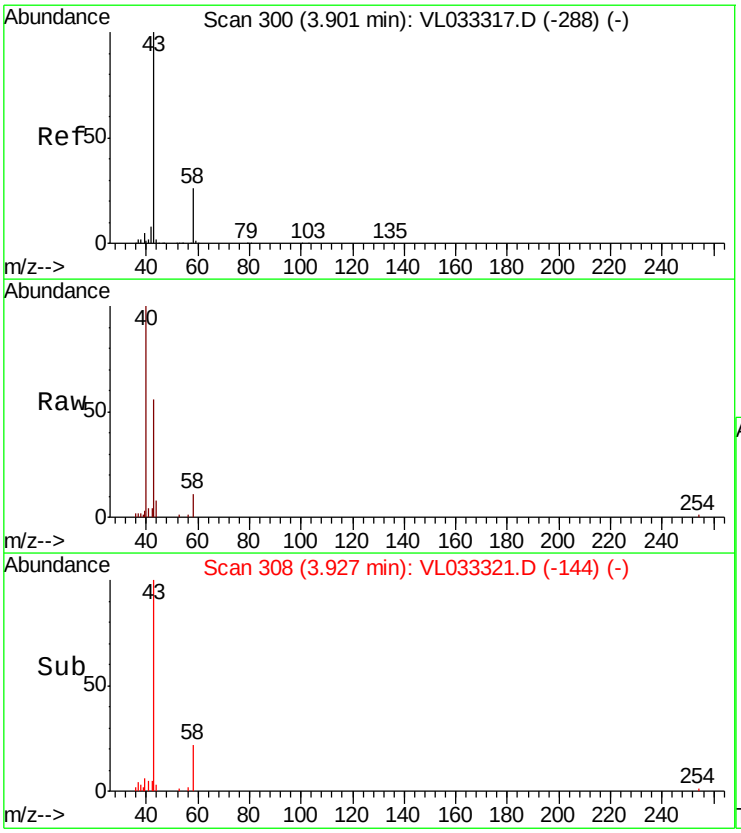
#14
Bromoethene
Concen: 0.045 ppbv
RT: 3.79 min Scan# 265
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:108 Resp: 2092

Ion	Ratio	Lower	Upper
108	100		
106	225.4	85.1	127.7#
79	58.7	14.6	22.0#

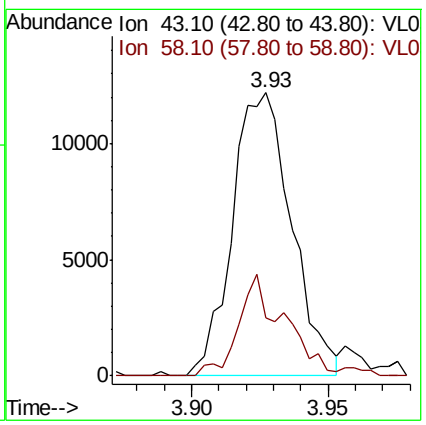


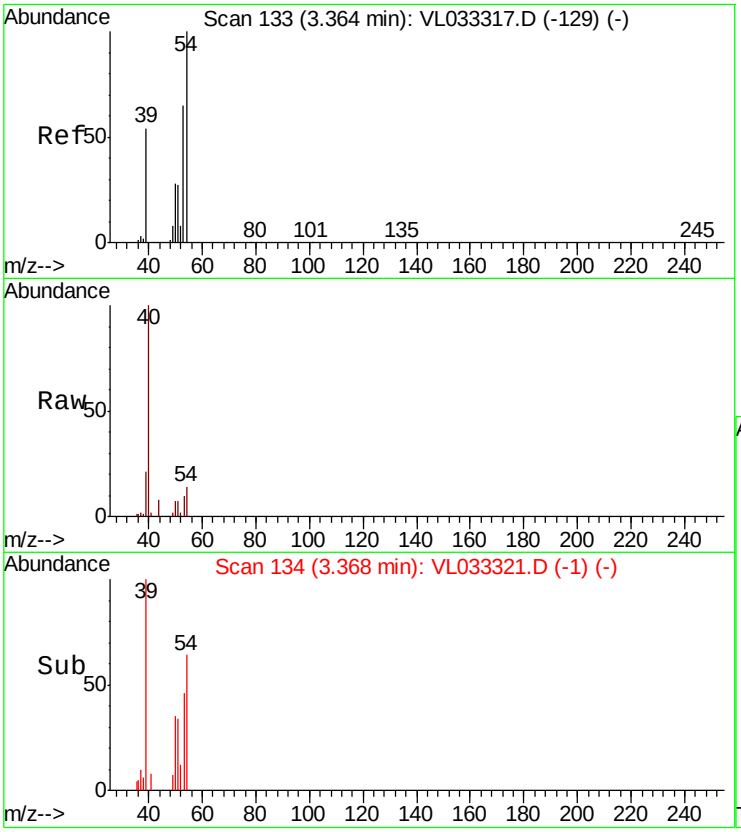


#15
Acetone
Concen: 0.151 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.03 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 43 Resp: 18363

Ion	Ratio	Lower	Upper
43	100		
58	28.8	20.3	30.5



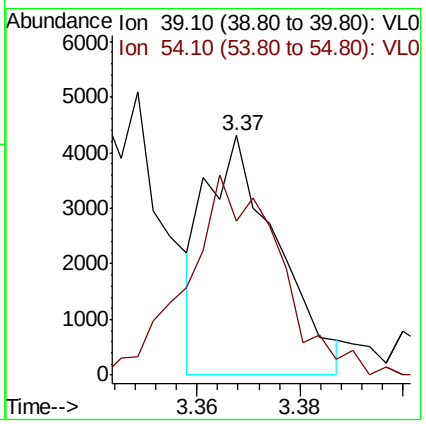


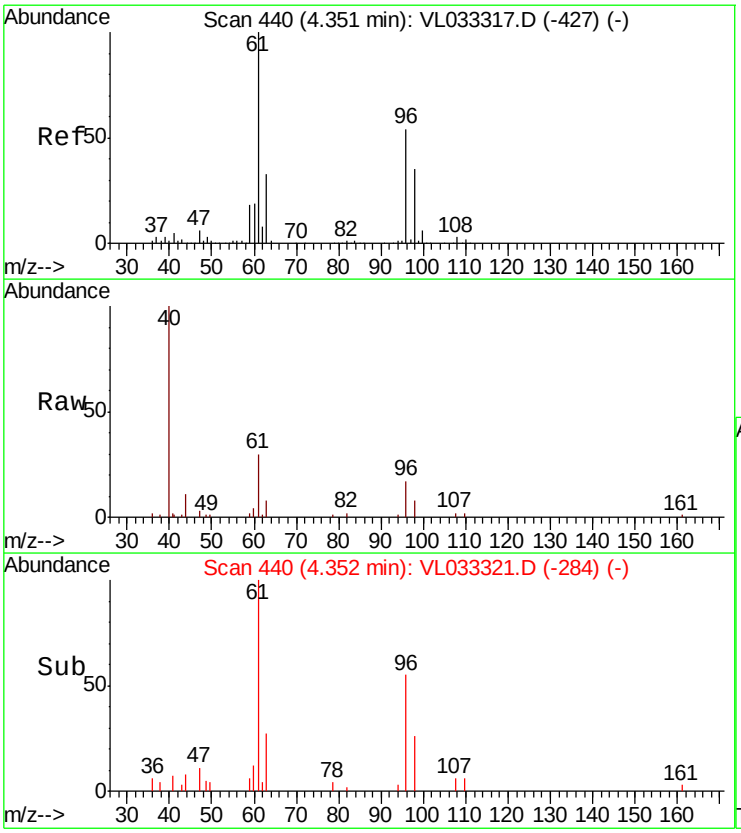
#16
1,3-Butadiene
Concen: 0.085 ppbv
RT: 3.37 min Scan# 134
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 4152

Ion	Ratio	Lower	Upper
39	100		
54	109.0	74.4	111.6

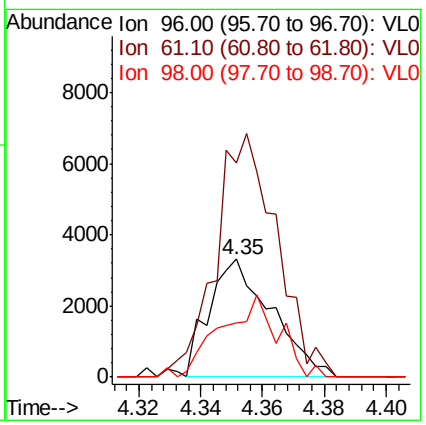


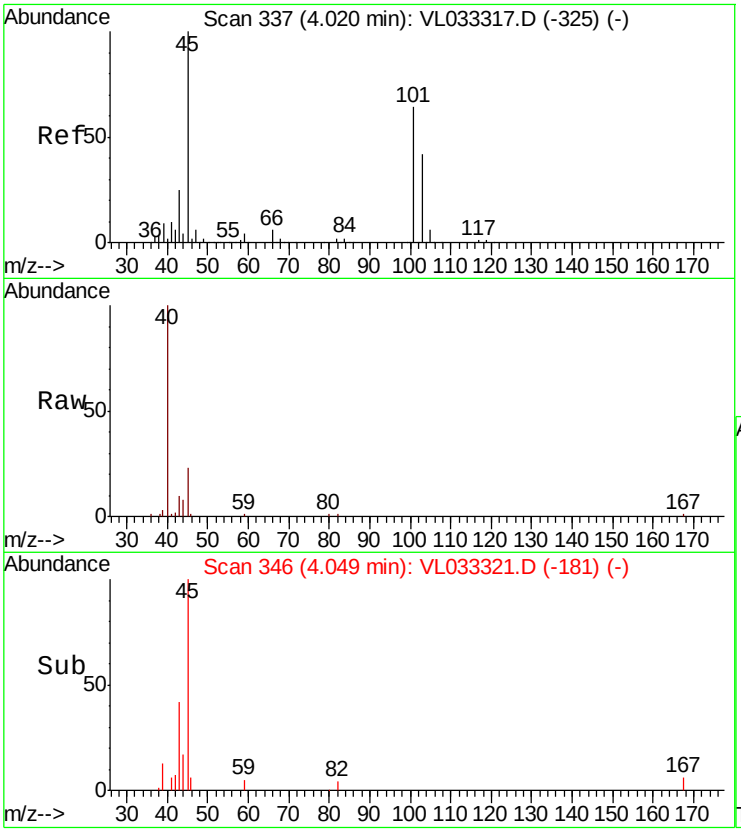


#18
1,1-Dichloroethene
Concen: 0.096 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 96 Resp: 4656

Ion	Ratio	Lower	Upper
96	100		
61	181.7	148.9	223.3
98	46.4	51.4	77.0#



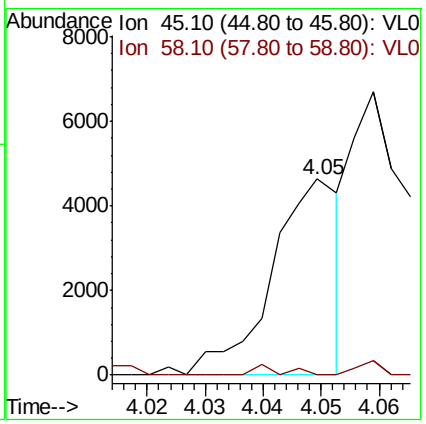


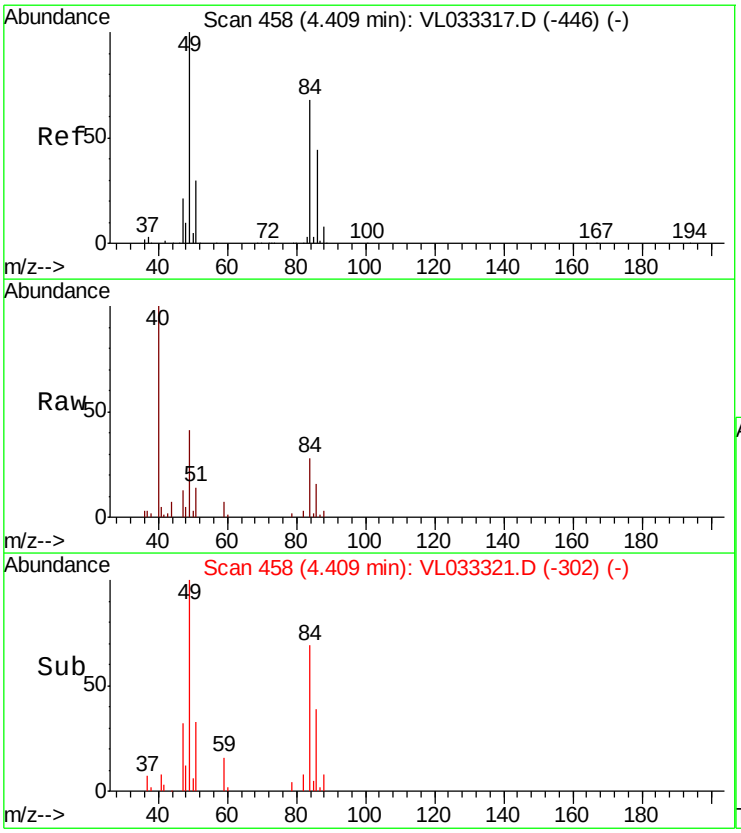
#19
Isopropyl Alcohol
Concen: 0.051 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.03 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 3786

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#

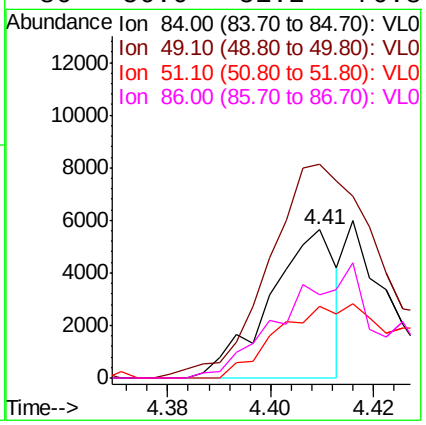


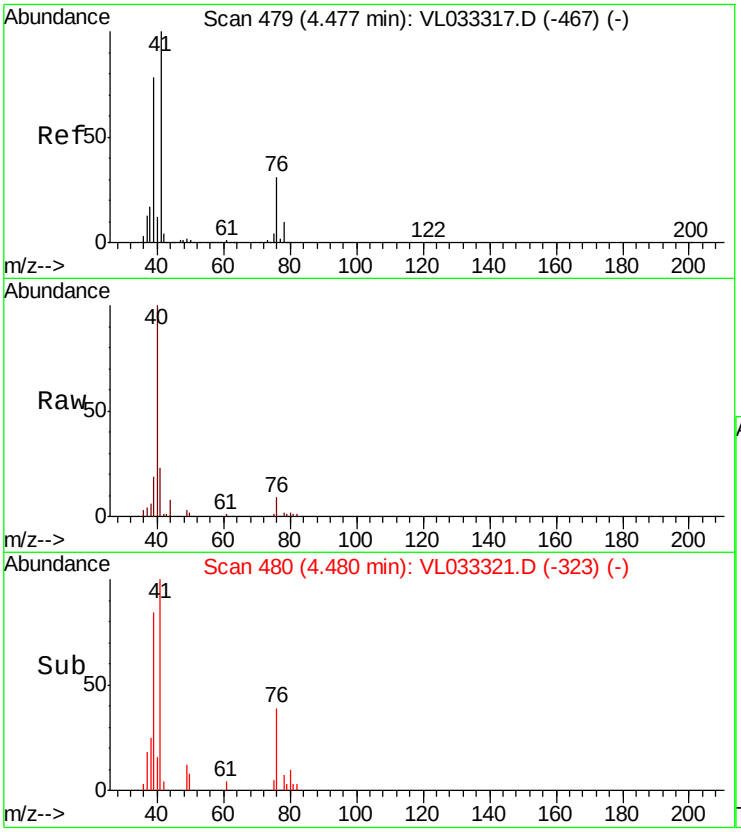


#20
Methylene Chloride
Concen: 0.103 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 84 Resp: 5051

Ion	Ratio	Lower	Upper
84	100		
49	138.2	117.0	175.6
51	47.9	35.3	52.9
86	56.0	51.2	76.8



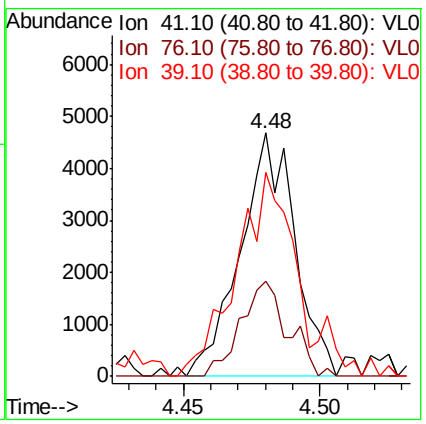


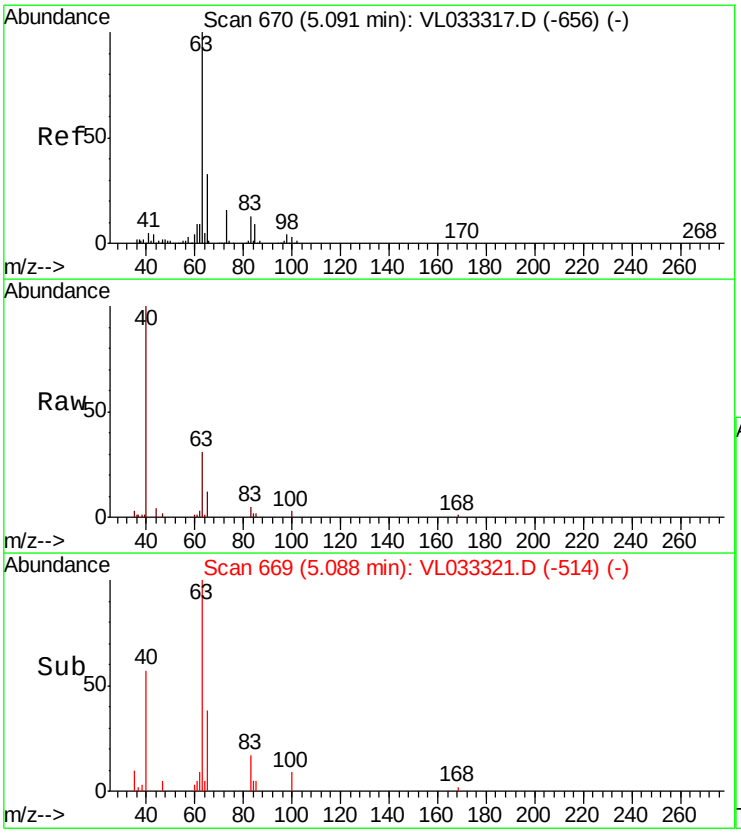
#21
Allyl Chloride
Concen: 0.089 ppbv
RT: 4.48 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 6489

Ion	Ratio	Lower	Upper
41	100		
76	33.9	24.1	36.1
39	95.4	65.0	97.4

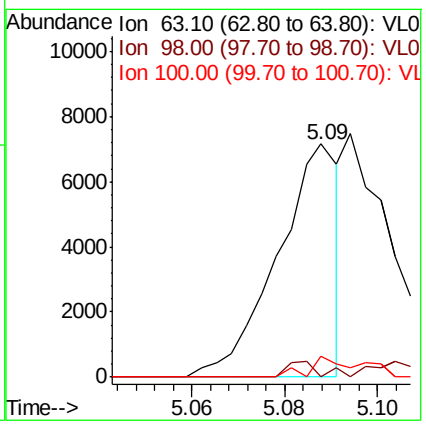


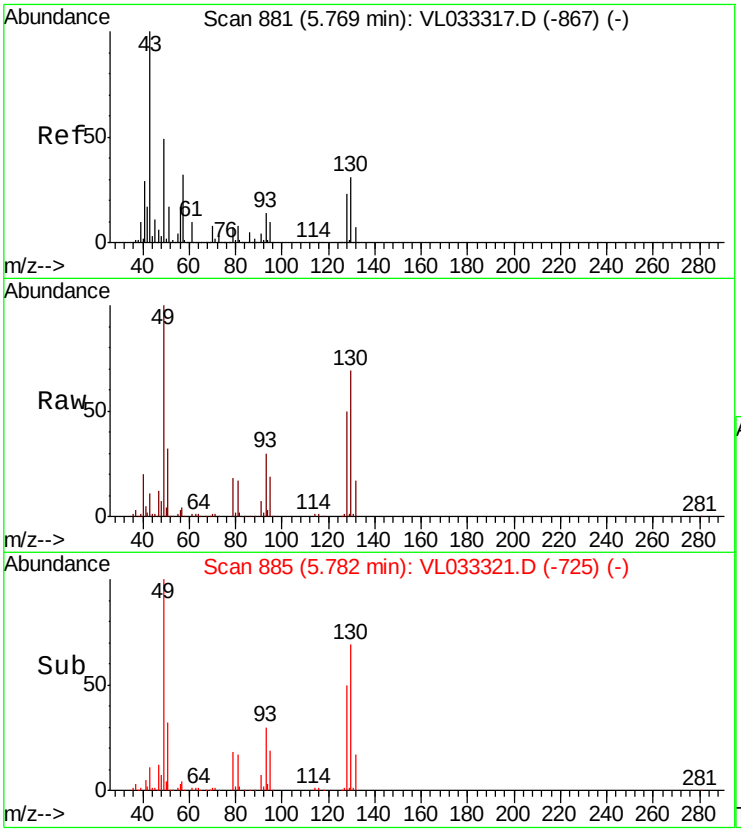


#24
1,1-Dichloroethane
Concen: 0.053 ppbv
RT: 5.09 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 63 Resp: 6580

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	9.1	1.3	3.9#



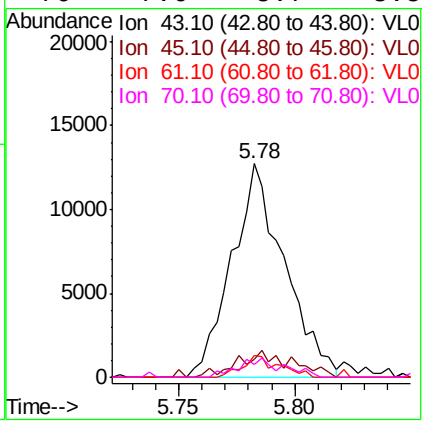


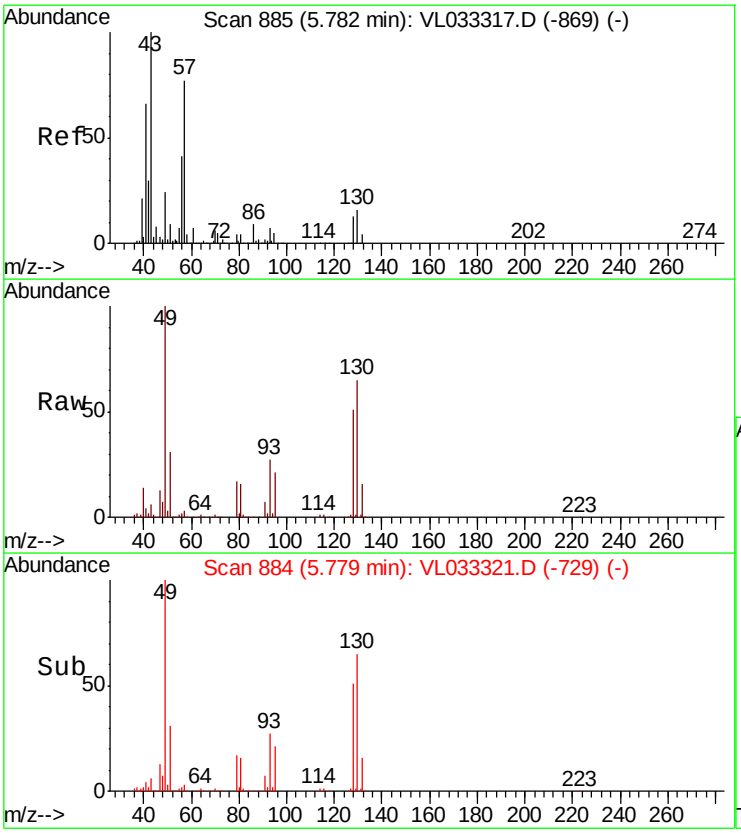
#25
Ethyl Acetate
Concen: 0.091 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 20032

Ion	Ratio	Lower	Upper
43	100		
45	13.2	7.8	11.8#
61	7.5	7.1	10.7
70	7.6	5.7	8.5

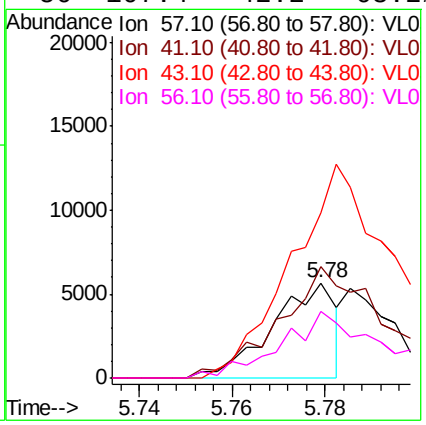


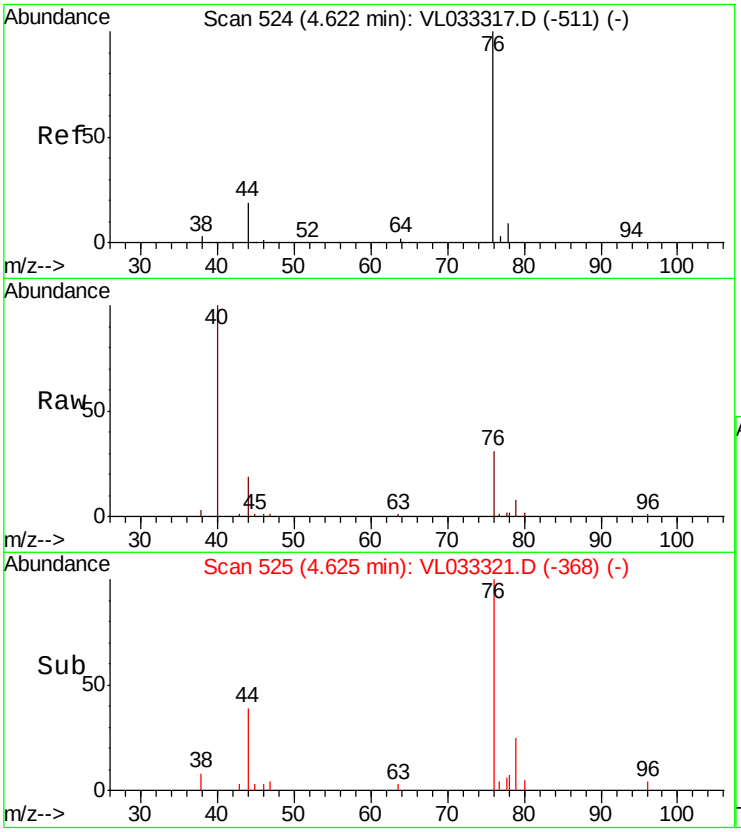


#26
Hexane
Concen: 0.053 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 57 Resp: 5397

Ion	Ratio	Lower	Upper
57	100		
41	183.9	71.8	107.6#
43	0.0	182.1	273.1#
56	107.4	42.2	63.2#



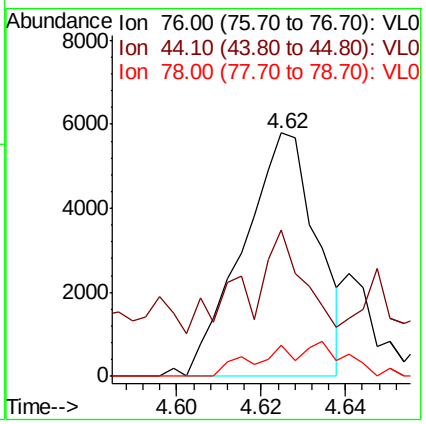


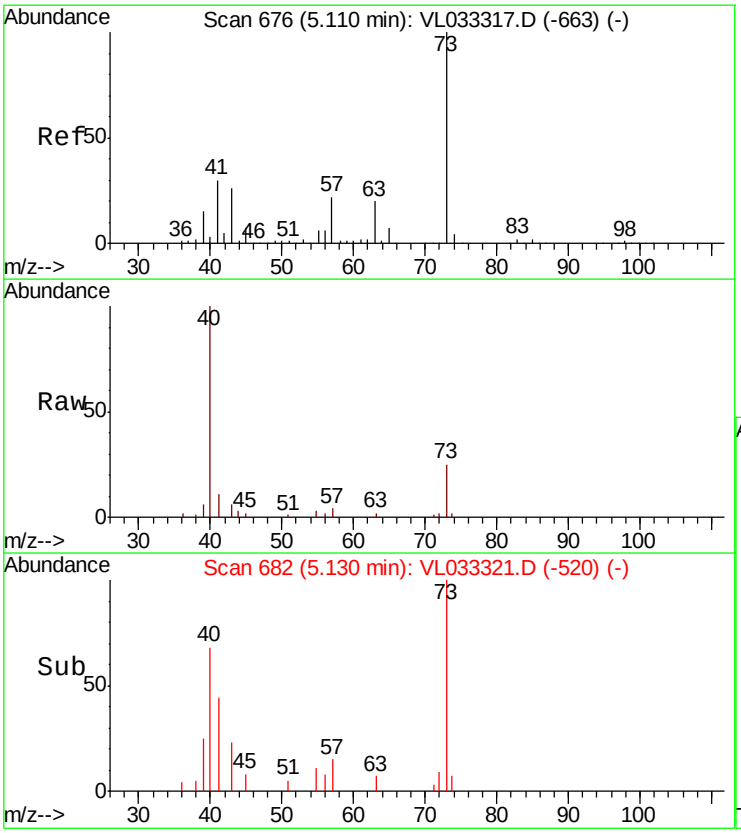
#27
Carbon Disulfide
Concen: 0.064 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 76 Resp: 7016

Ion	Ratio	Lower	Upper
76	100		
44	70.9	15.0	22.6#
78	2.8	7.4	11.2#

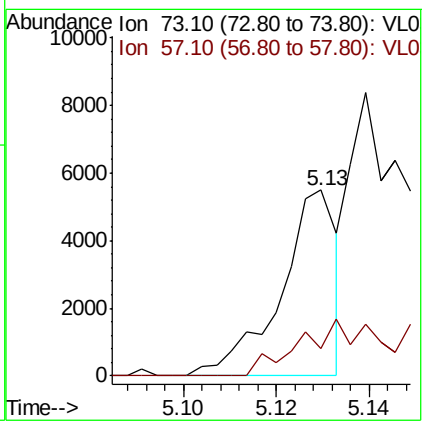


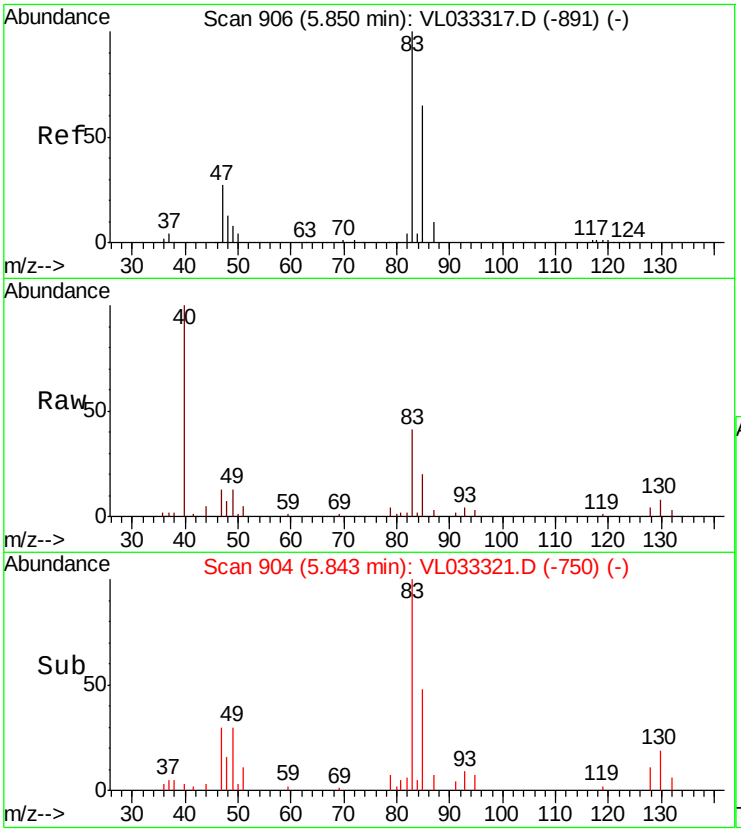


#28
Methyl tert-Butyl Ether
Concen: 0.032 ppbv
RT: 5.13 min Scan# 682
Delta R.T. 0.02 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 73 Resp: 4610

Ion	Ratio	Lower	Upper
73	100		
57	59.2	17.8	26.6#



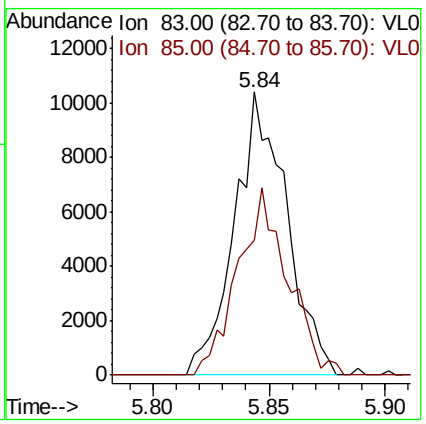


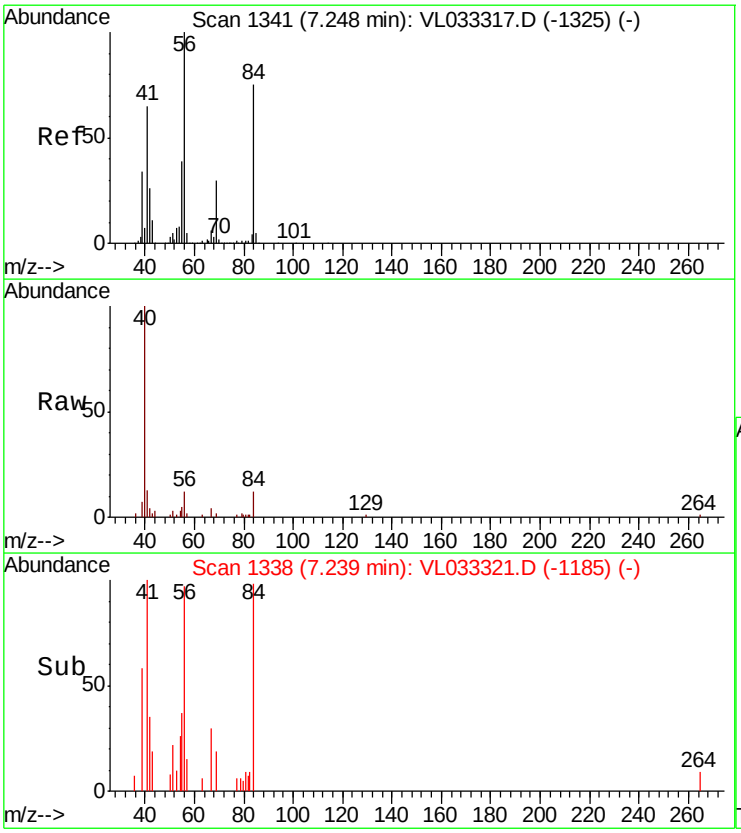
#29
Chloroform
Concen: 0.101 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 16173

Ion	Ratio	Lower	Upper
83	100		
85	47.8	51.8	77.8#

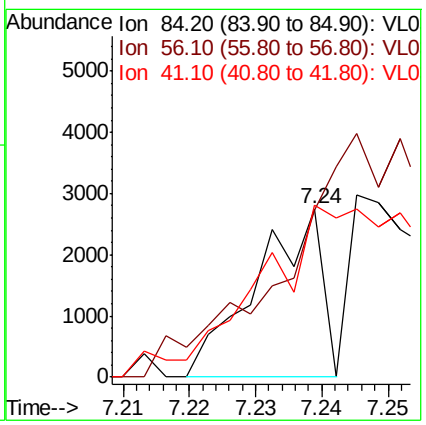


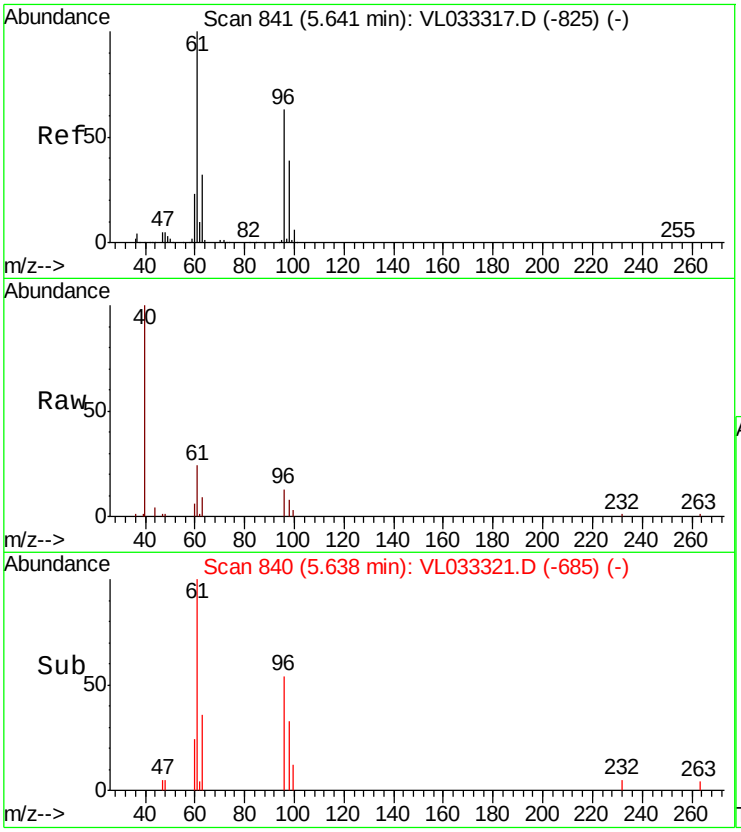


#30
Cyclohexane
Concen: 0.024 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 84 Resp: 1897

Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.0	166.6#
41	330.2	69.1	103.7#



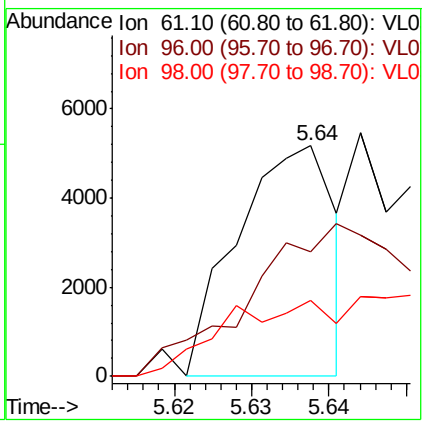


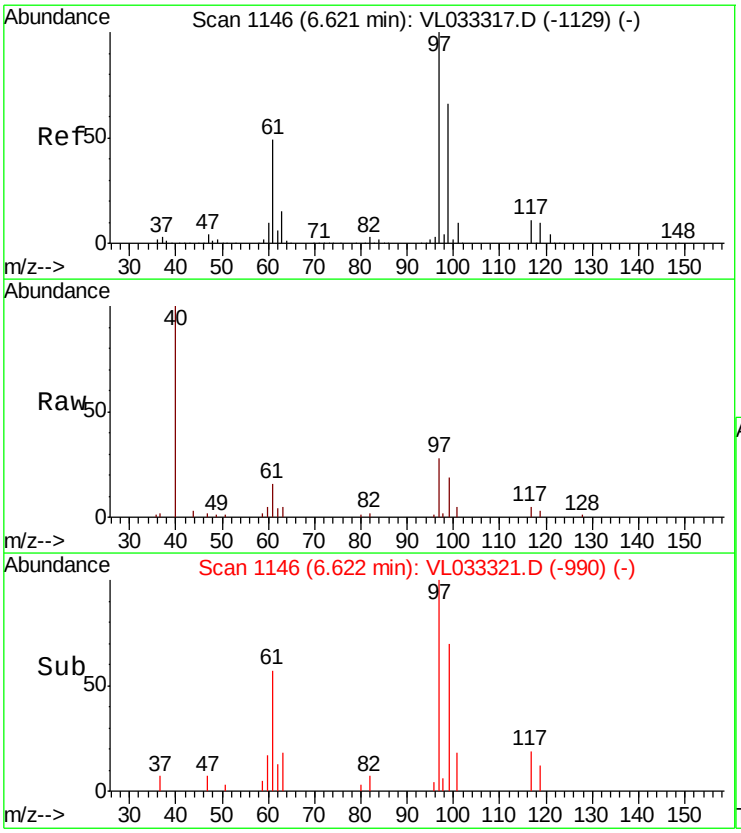
#31
cis-1,2-Dichloroethene
Concen: 0.046 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 4542

Ion	Ratio	Lower	Upper
61	100		
96	38.3	50.5	75.7#
98	20.9	31.1	46.7#

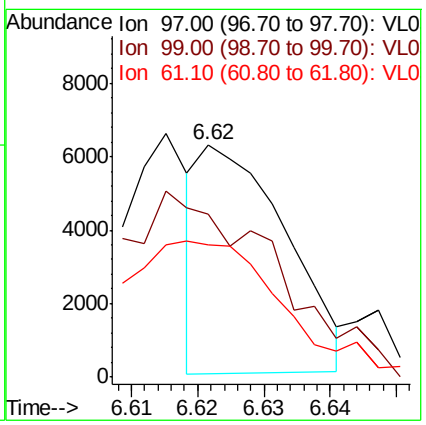


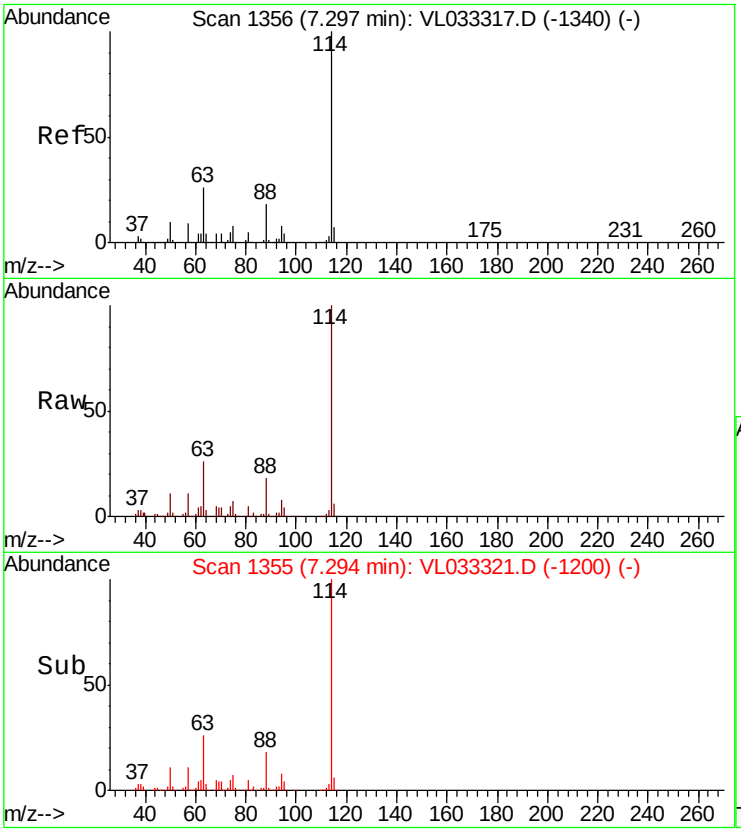


#32
1,1,1-Trichloroethane
Concen: 0.036 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 97 Resp: 5602

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.8	77.8#
61	129.0	39.6	59.4#



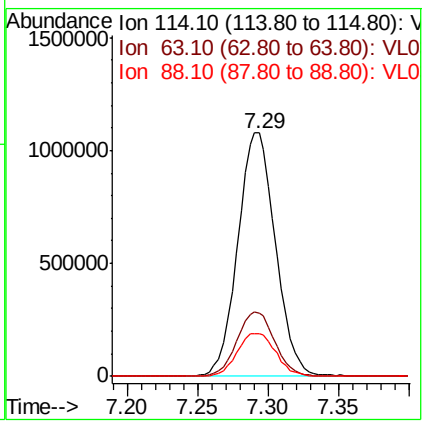


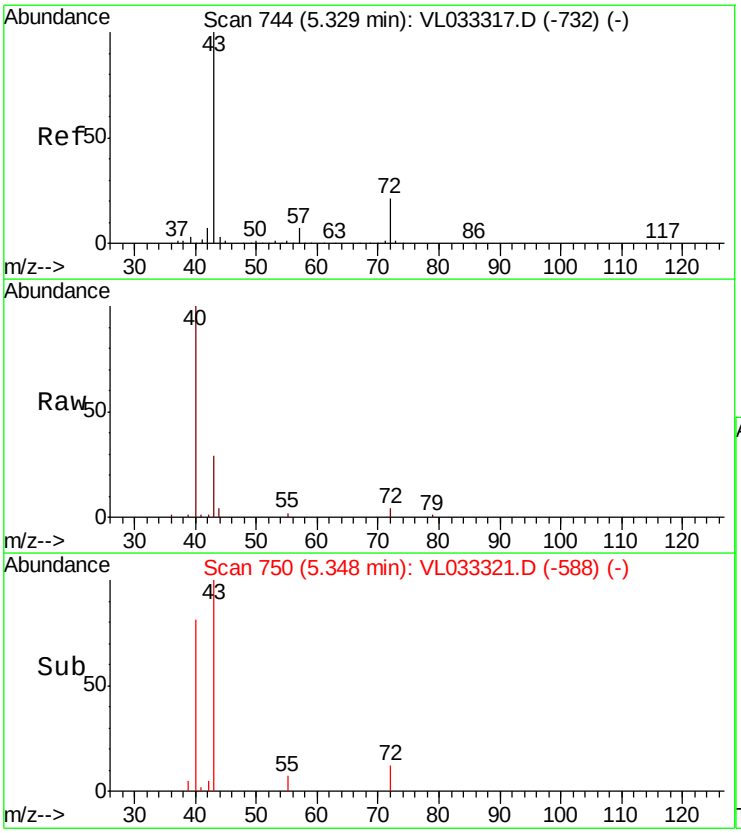
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 2013890

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.5	32.3
88	18.2	14.6	22.0

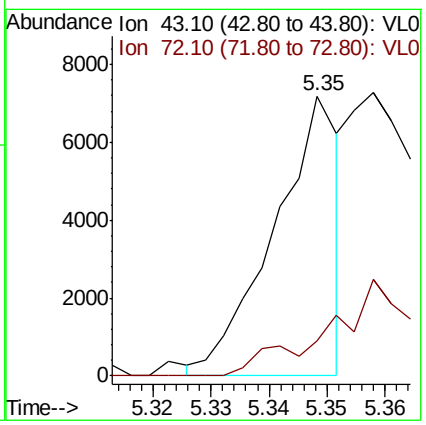


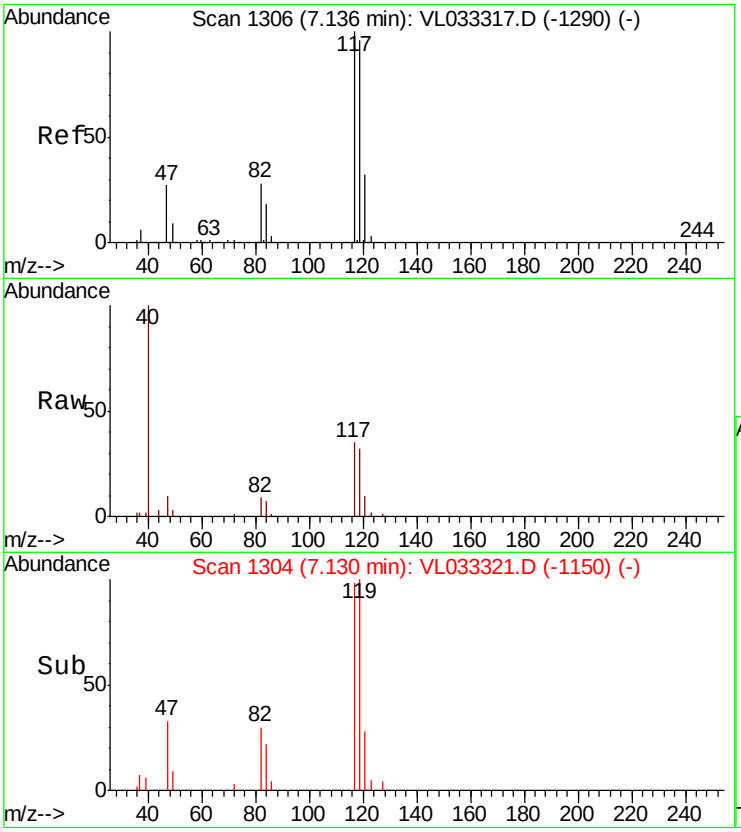


#34
2-Butanone
Concen: 0.041 ppbv
RT: 5.35 min Scan# 750
Delta R.T. 0.02 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 43 Resp: 5606

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#



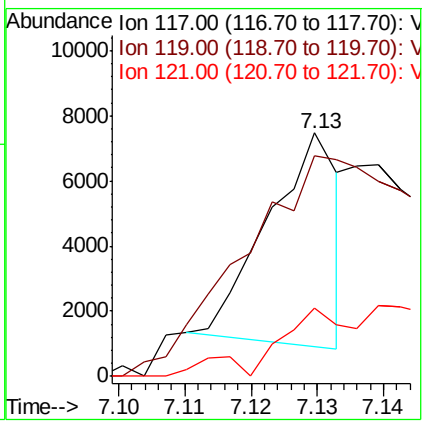


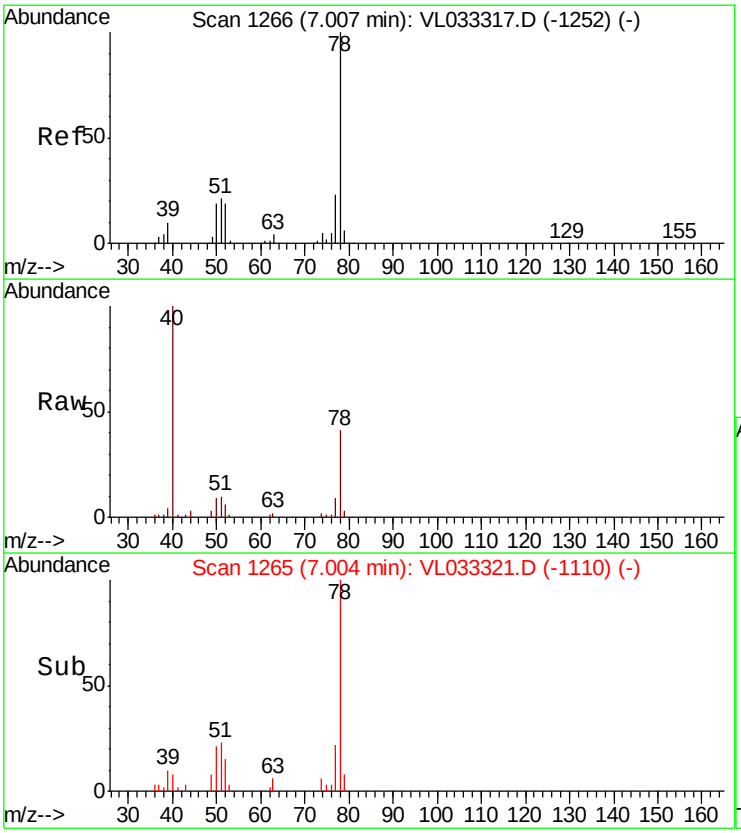
#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 4781

Ion	Ratio	Lower	Upper
117	100		
119	85.2	76.8	115.2
121	30.5	25.2	37.8

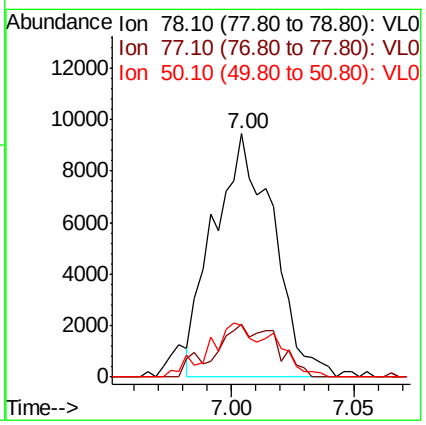


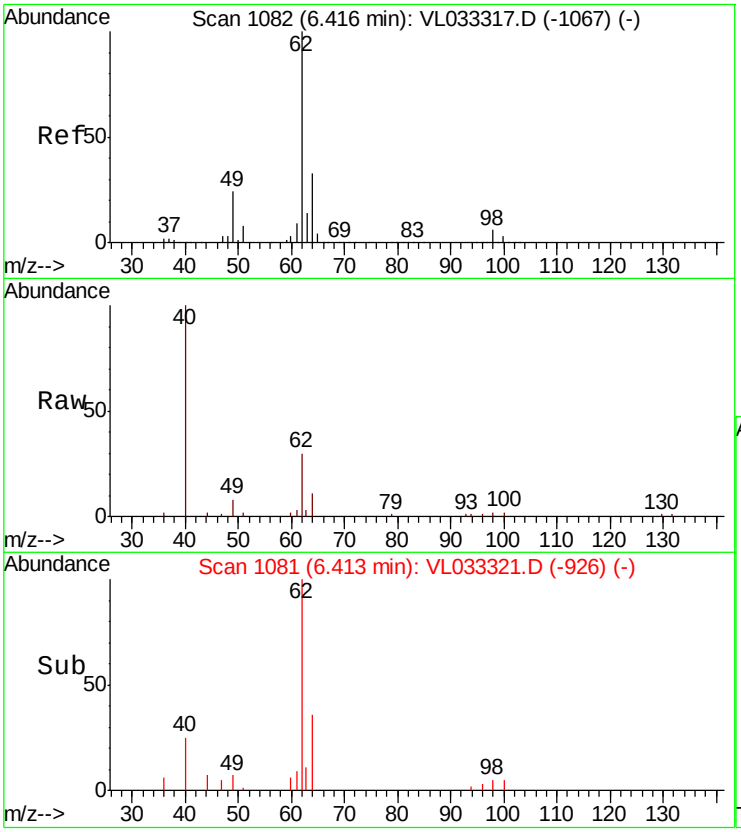


#36
Benzene
Concen: 0.082 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 78 Resp: 16017

Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.0	27.0
50	21.0	15.0	22.4



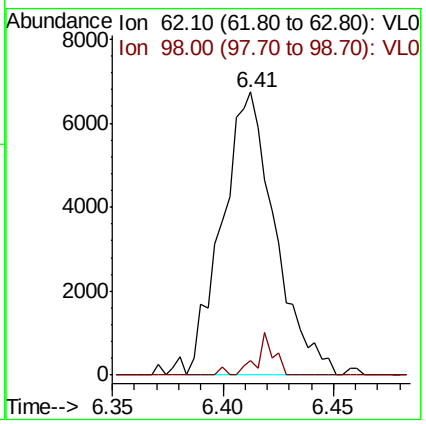


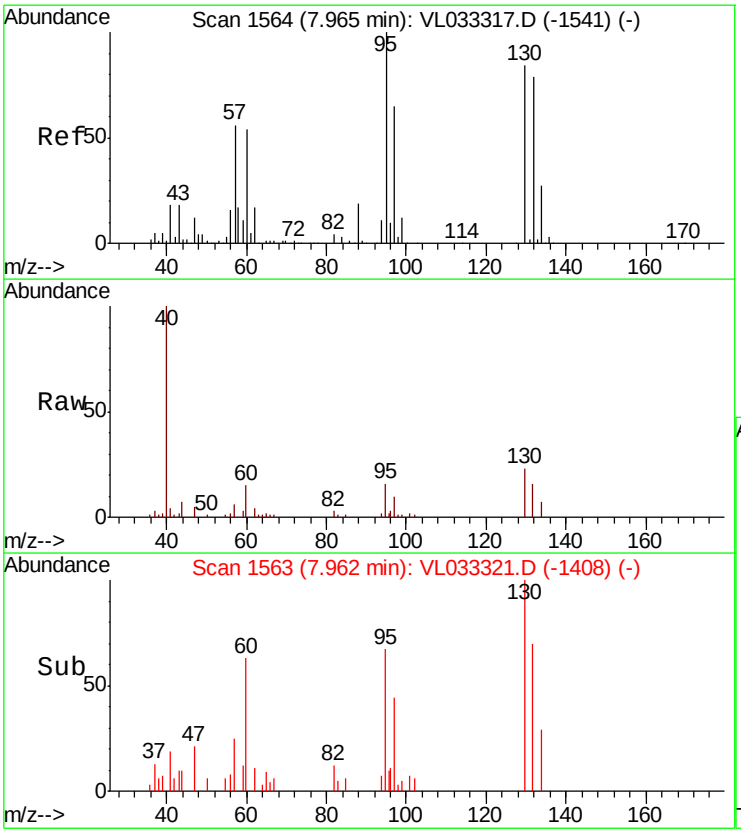
#37
1,2-Dichloroethane
Concen: 0.095 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 11248

Ion	Ratio	Lower	Upper
62	100		
98	4.9	4.6	6.8

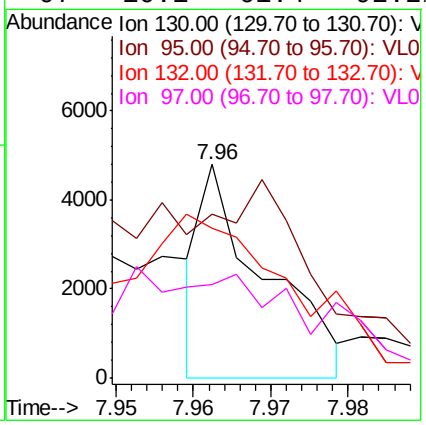


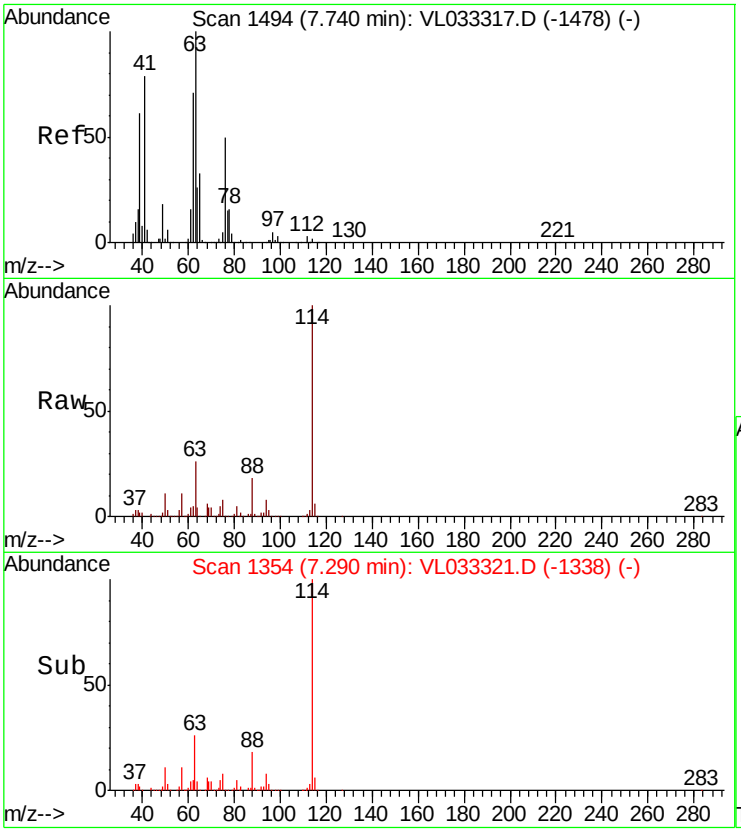


#38
Trichloroethene
Concen: 0.036 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:130 Resp: 2785

Ion	Ratio	Lower	Upper
130	100		
95	55.6	94.9	142.3#
132	35.0	75.4	113.0#
97	10.1	61.4	92.2#



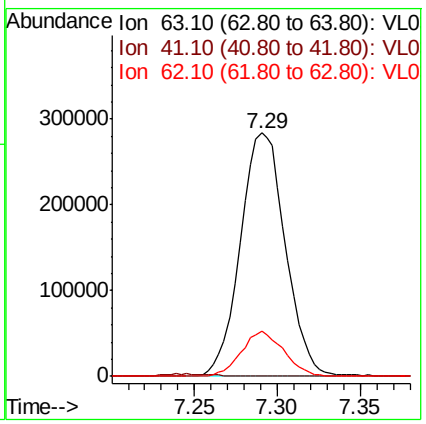


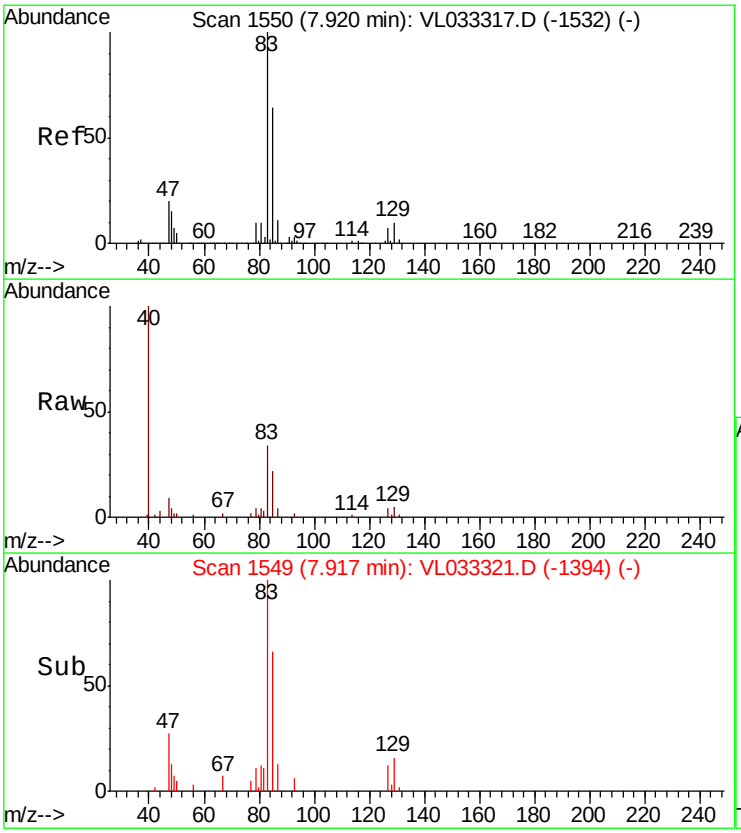
#39
1,2-Dichloropropane
Concen: 7.106 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 532242

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.5	95.3#
62	18.4	56.5	84.7#

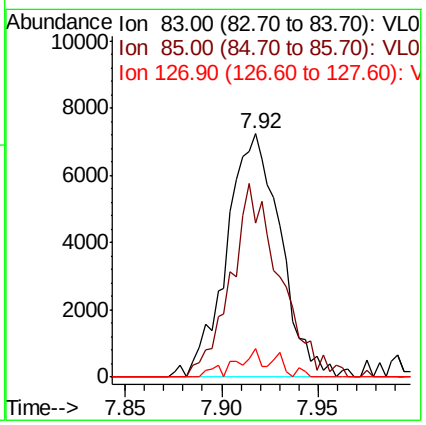


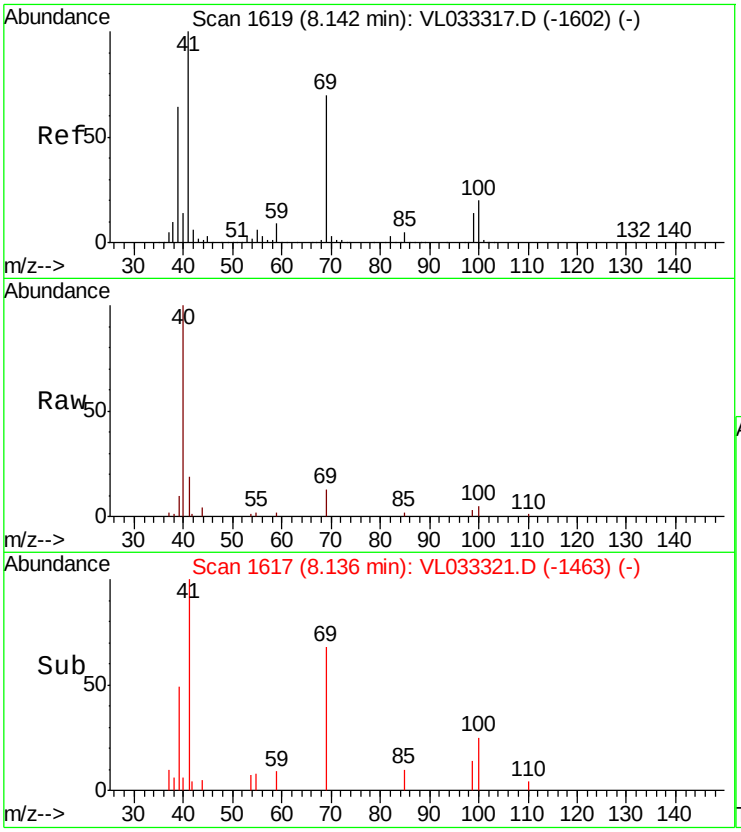


#42
Bromodichloromethane
Concen: 0.084 ppbv
RT: 7.92 min Scan# 1549
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 83 Resp: 13896

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.1	76.7
127	11.5	6.0	9.0#



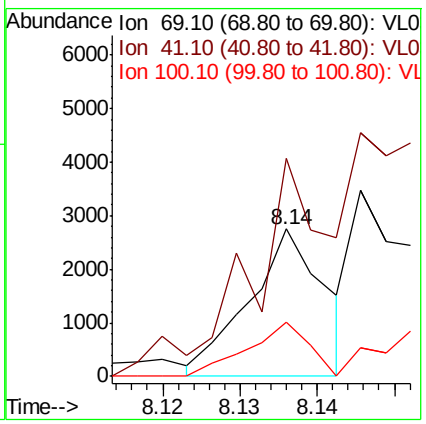


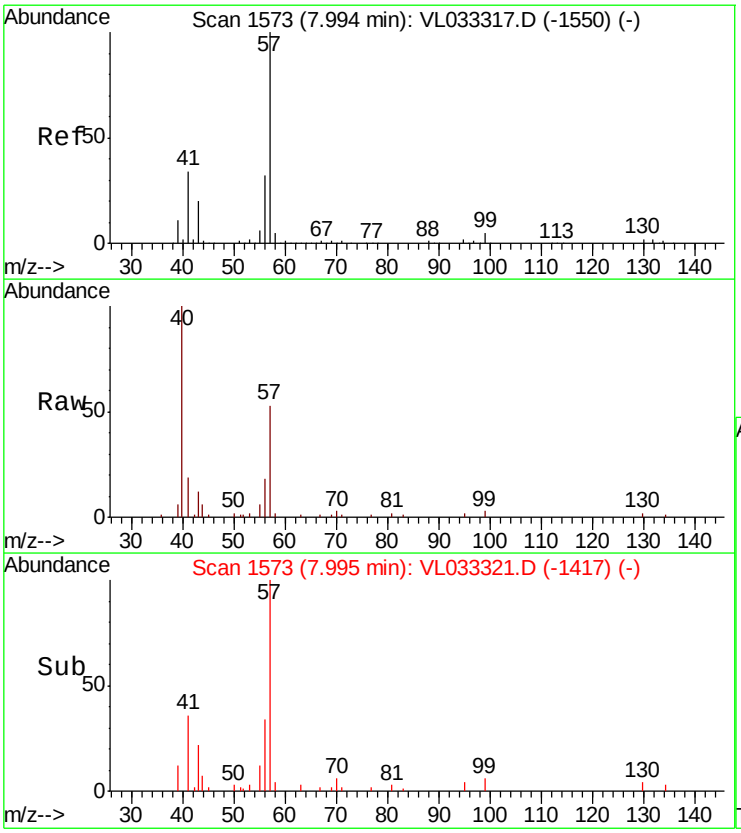
#43
Methyl Methacrylate
Concen: 0.024 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 69 Resp: 1851

Ion	Ratio	Lower	Upper
69	100		
41	0.0	119.0	178.4#
100	0.0	24.3	36.5#

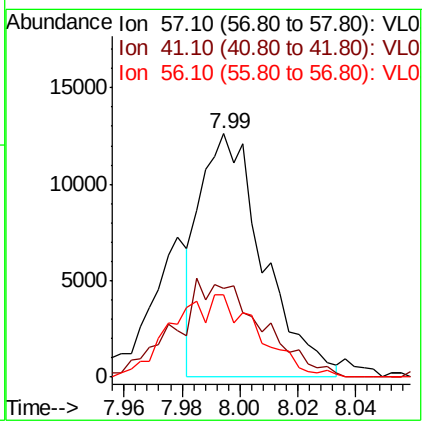


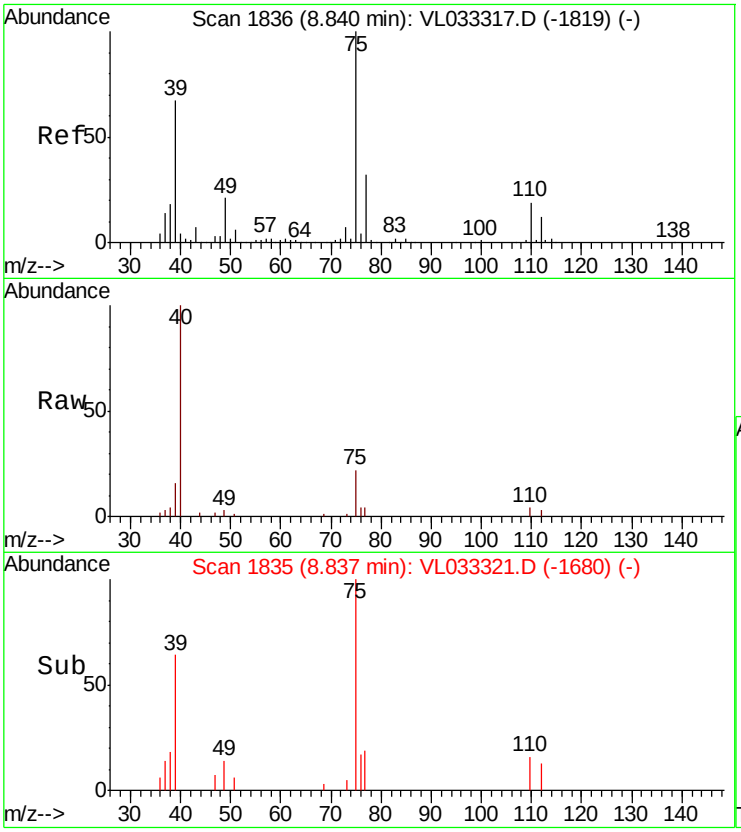


#44
2,2,4-Trimethylpentane
Concen: 0.057 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 57 Resp: 19160

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.1	39.1#
56	46.0	24.7	37.1#



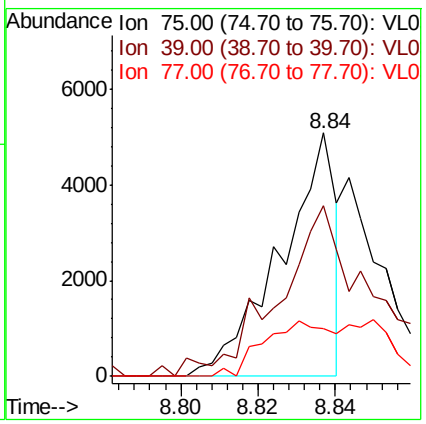


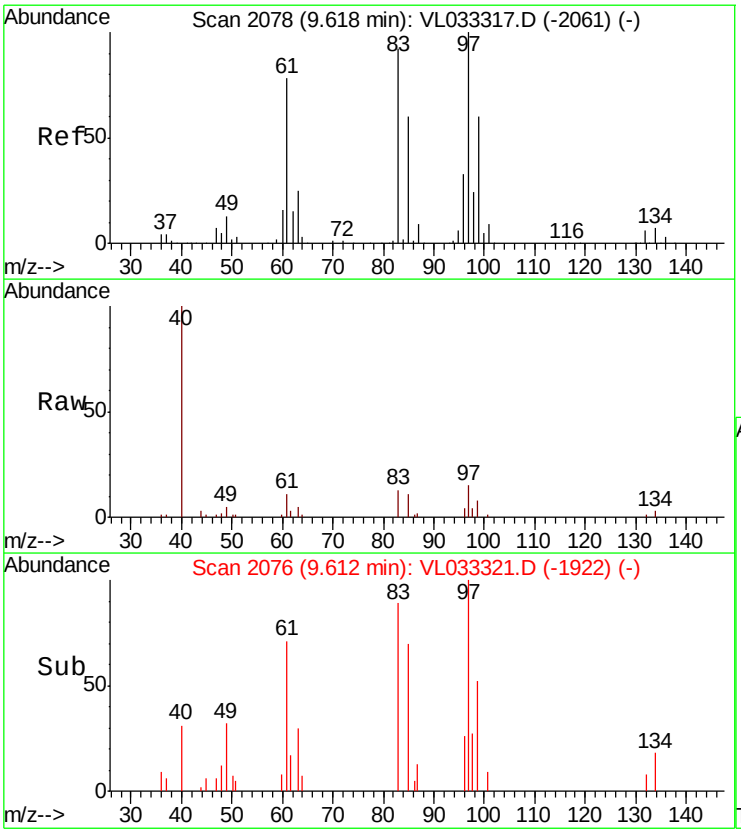
#46
cis-1,3-Dichloropropene
Concen: 0.046 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 5022

Ion	Ratio	Lower	Upper
75	100		
39	62.5	53.7	80.5
77	19.4	25.5	38.3#

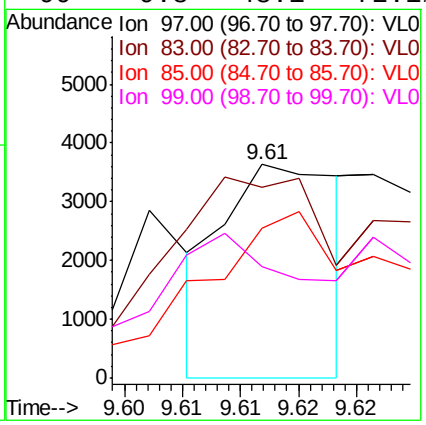


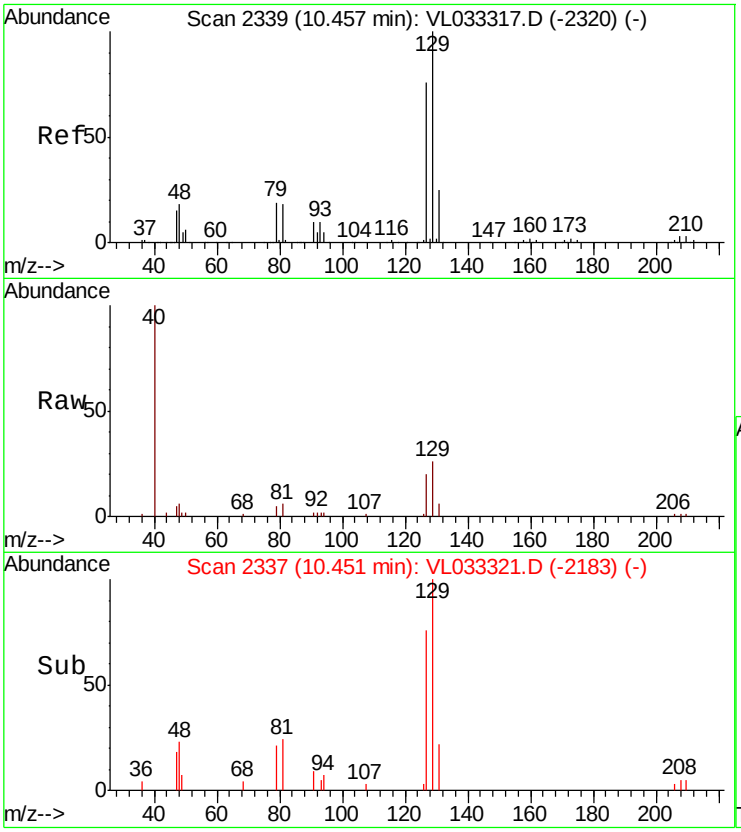


#47
1,1,2-Trichloroethane
Concen: 0.032 ppbv
RT: 9.61 min Scan# 2076
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 97 Resp: 2538

Ion	Ratio	Lower	Upper
97	100		
83	53.7	73.6	110.4#
85	35.5	48.0	72.0#
99	9.8	48.1	72.1#



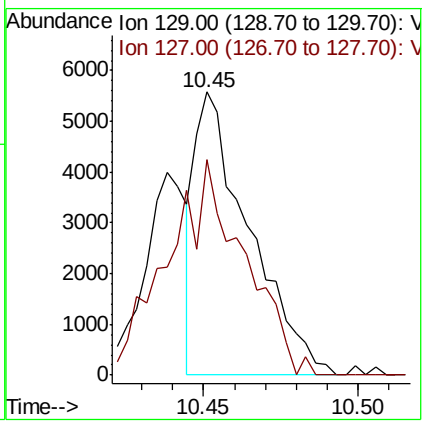


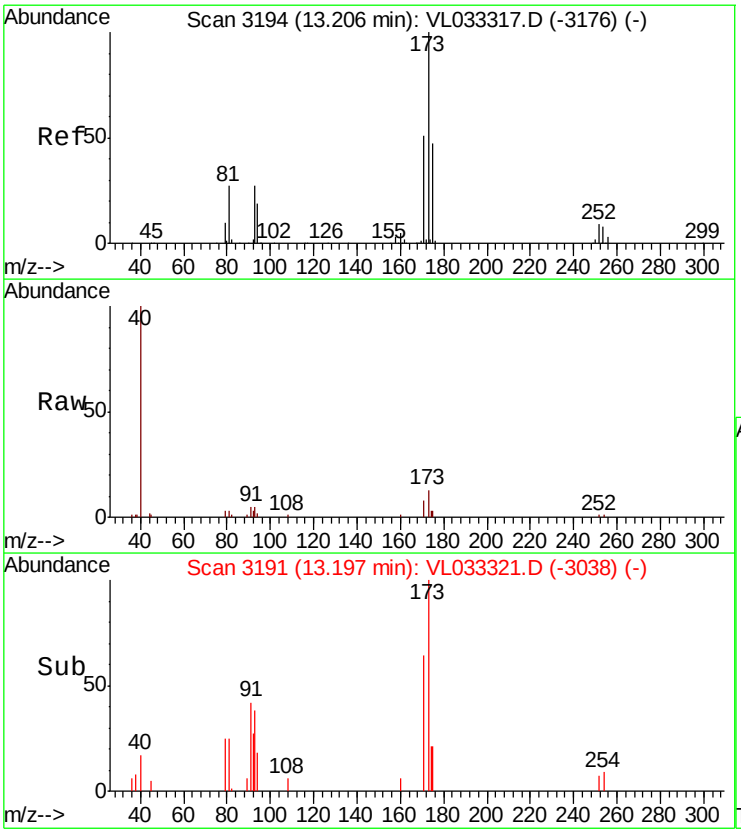
#48
Dibromochloromethane
Concen: 0.050 ppbv
RT: 10.45 min Scan# 2337
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 6753

Ion	Ratio	Lower	Upper
129	100		
127	109.0	38.7	116.1

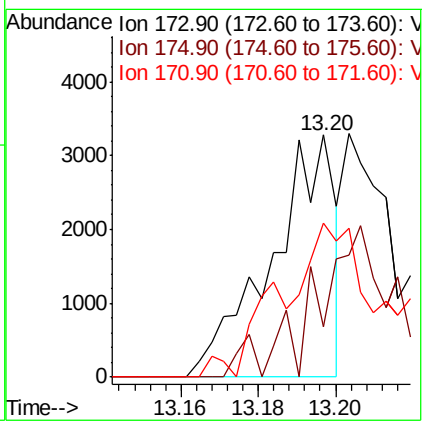


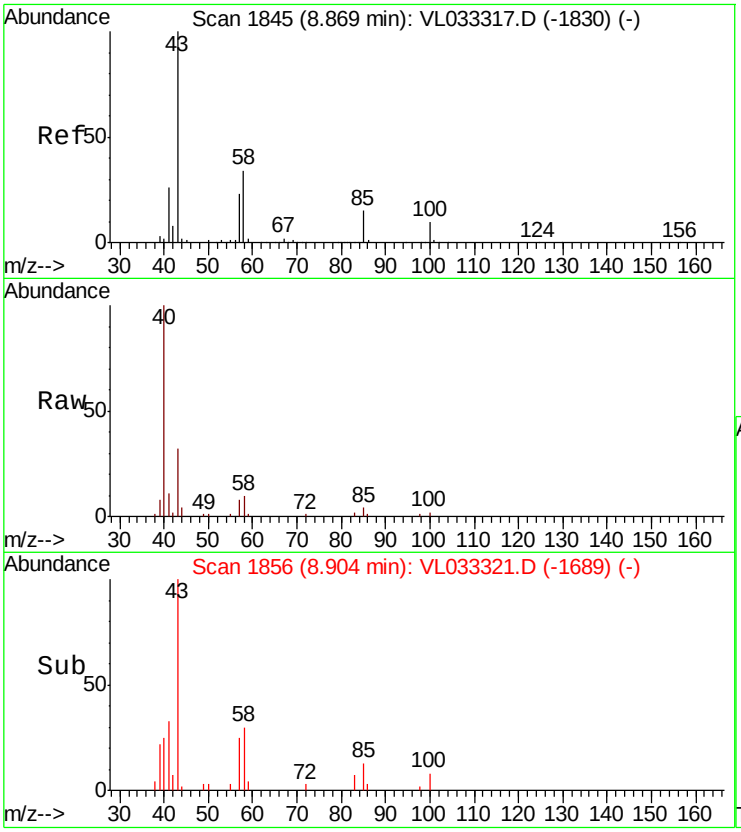


#49
Bromoform
Concen: 0.033 ppbv
RT: 13.20 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:173 Resp: 3726

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.6	58.0#
171	107.3	41.5	62.3#



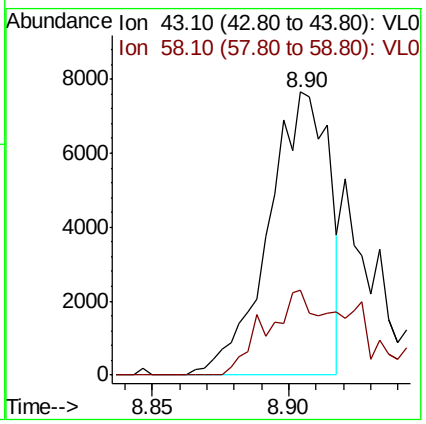


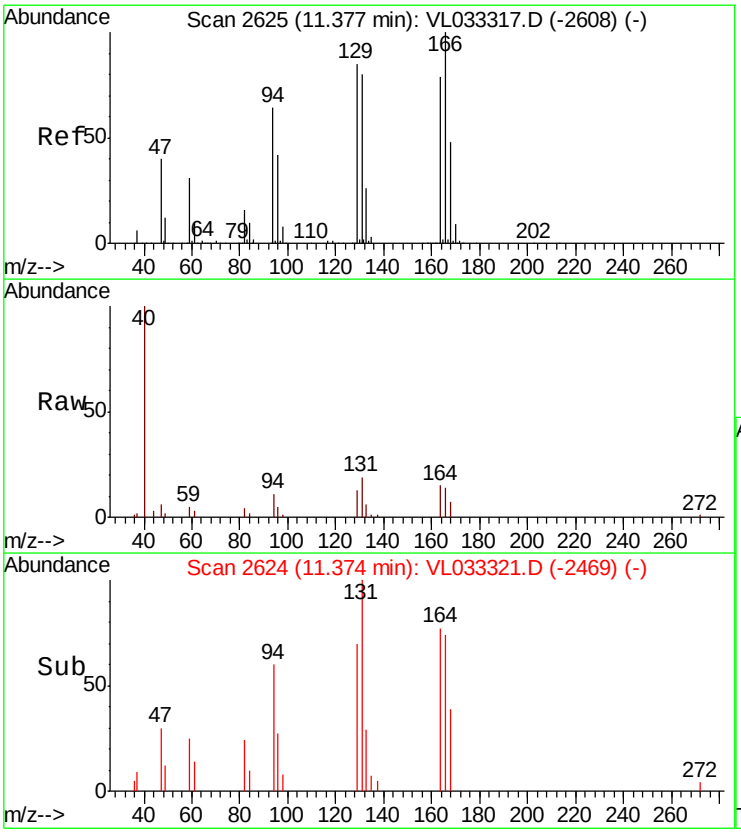
#50
4-Methyl-2-Pentanone
Concen: 0.059 ppbv
RT: 8.90 min Scan# 1856
Delta R.T. 0.04 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 11788

Ion	Ratio	Lower	Upper
43	100		
58	43.5	28.2	42.2#

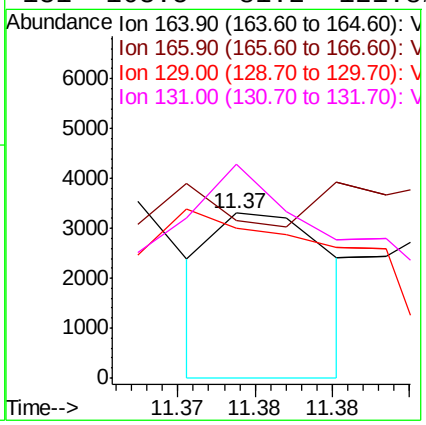


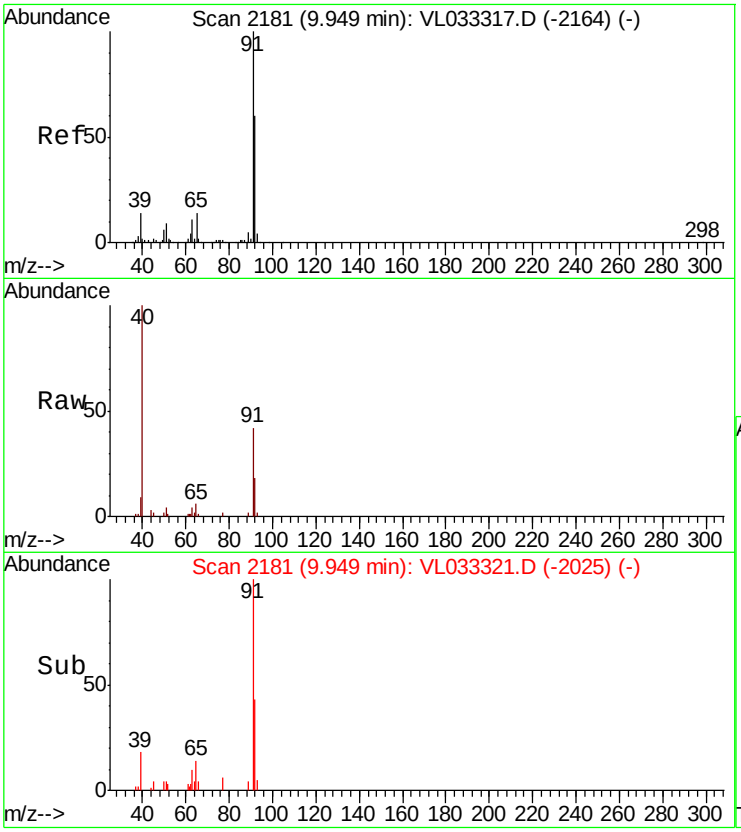


#52
Tetrachloroethene
Concen: 0.021 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:164 Resp: 1726

Ion	Ratio	Lower	Upper
164	100		
166	0.0	100.9	151.3#
129	42.3	86.0	129.0#
131	163.5	81.2	121.8#



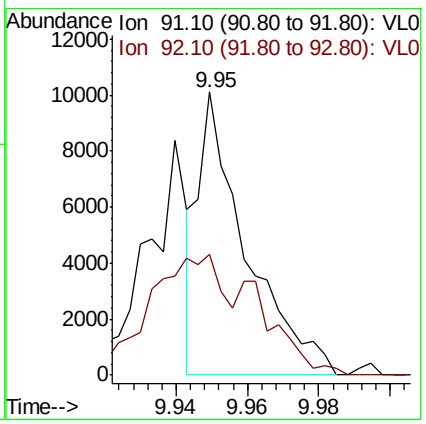


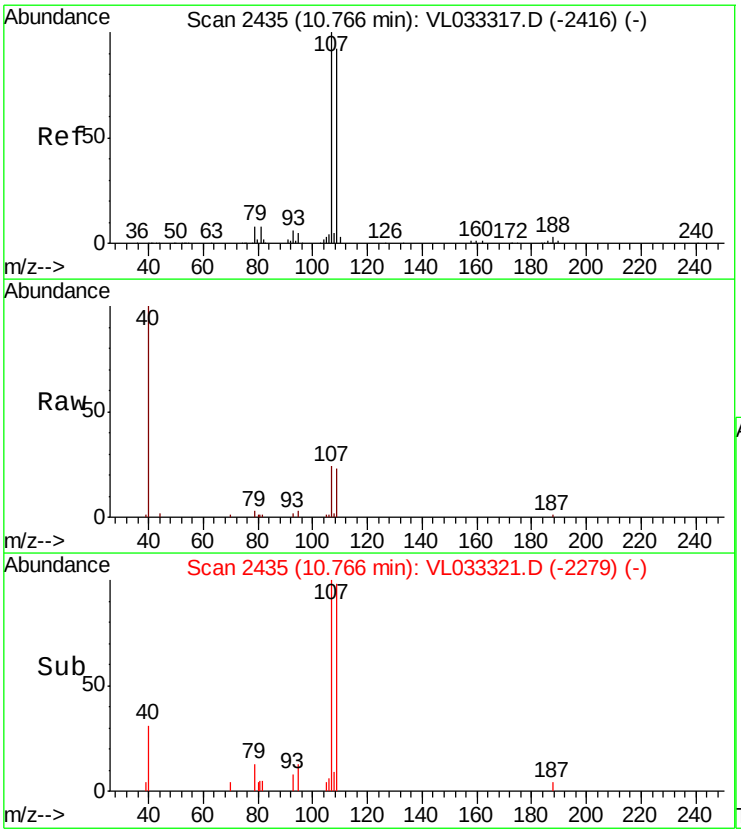
#53
Toluene
Concen: 0.042 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 9364

Ion	Ratio	Lower	Upper
91	100		
92	95.9	47.5	71.3#

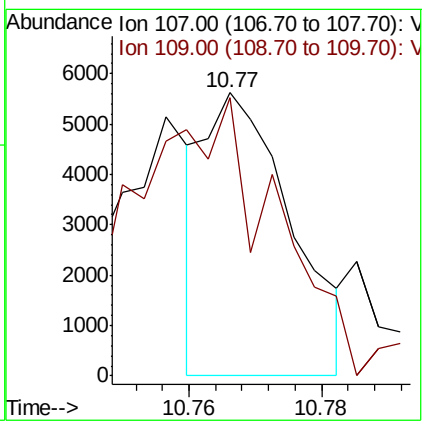


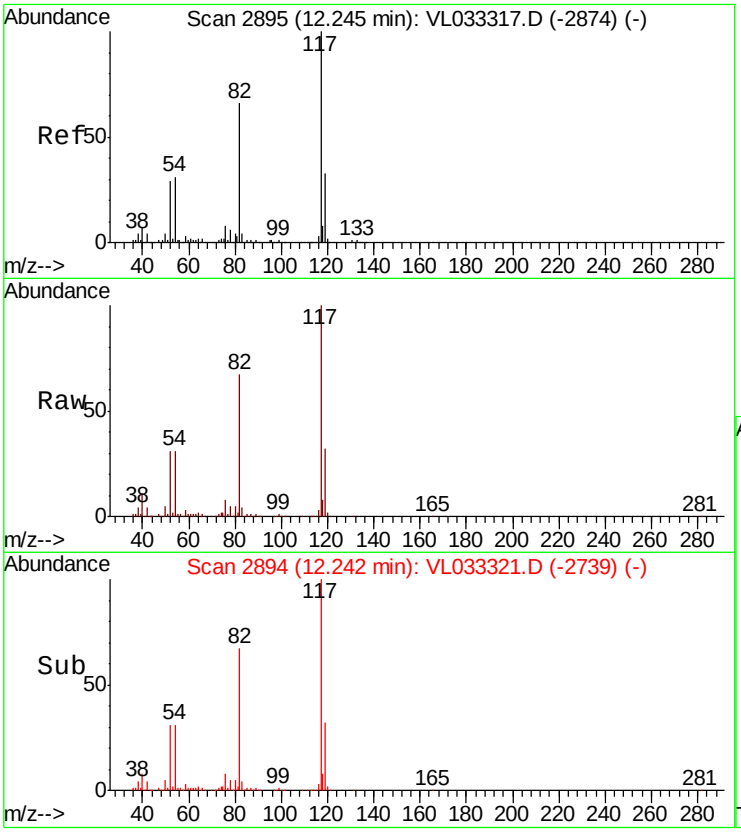


#54
1,2-Dibromoethane
Concen: 0.039 ppbv
RT: 10.77 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:107 Resp: 5083

Ion	Ratio	Lower	Upper
107	100		
109	102.0	73.6	110.4



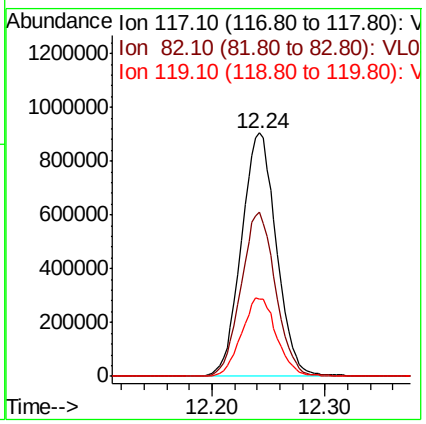


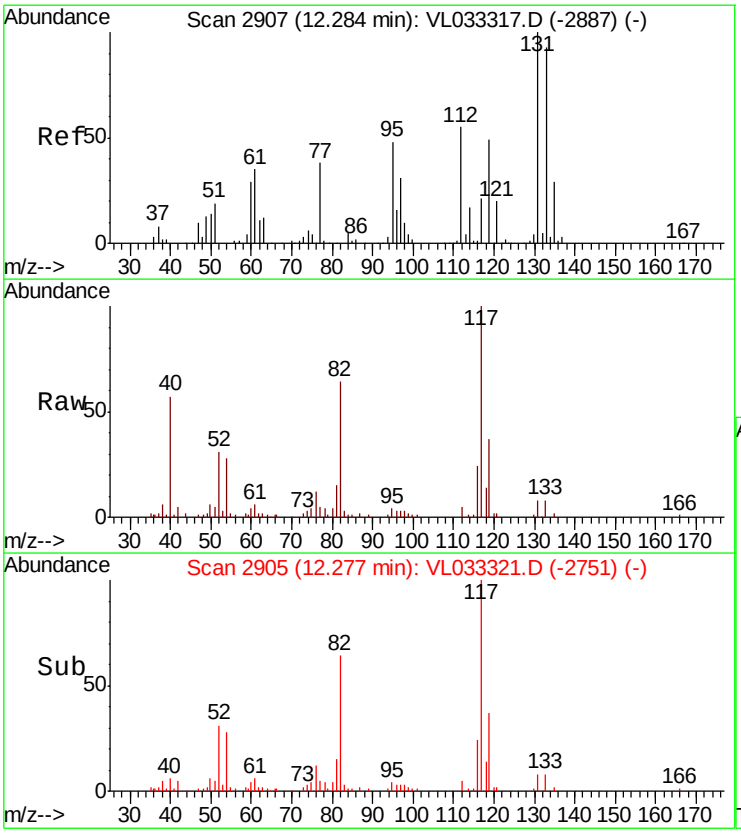
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 1942484

Ion	Ratio	Lower	Upper
117	100		
82	66.9	53.3	79.9
119	32.3	27.7	41.5

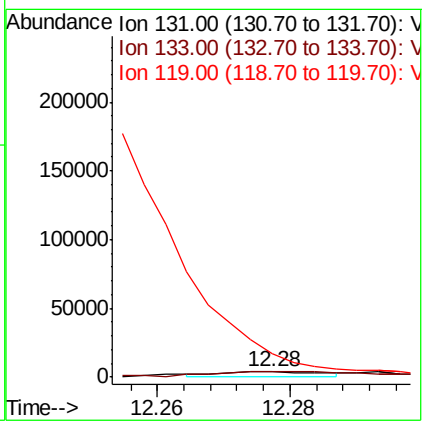


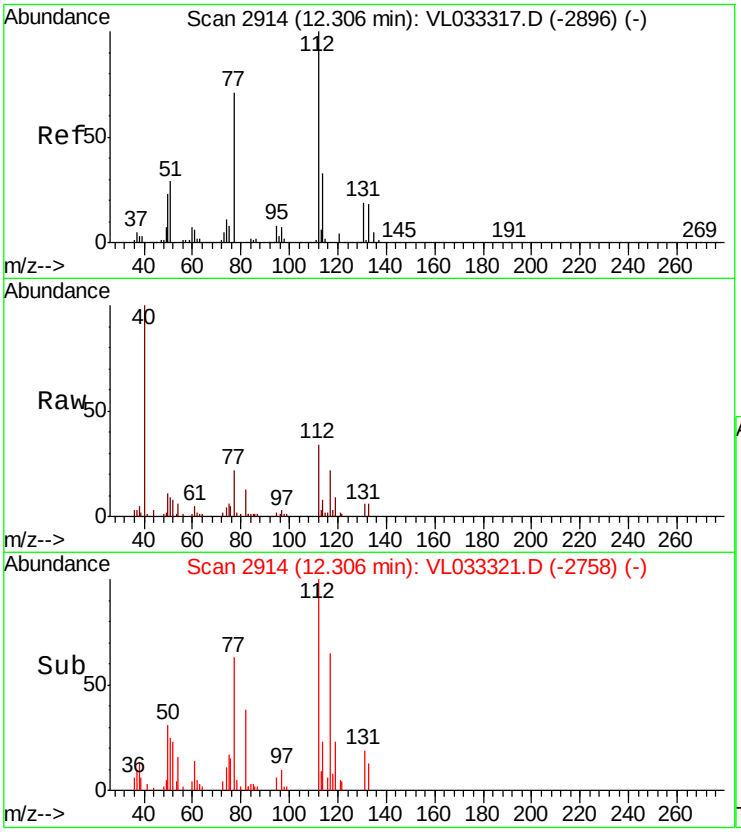


#56
1,1,1,2-Tetrachloroethane
Concen: 0.049 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:131 Resp: 4345

Ion	Ratio	Lower	Upper
131	100		
133	197.4	76.2	114.2#
119	0.0	48.5	72.7#



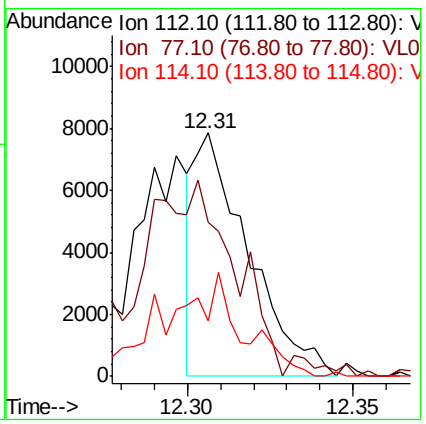


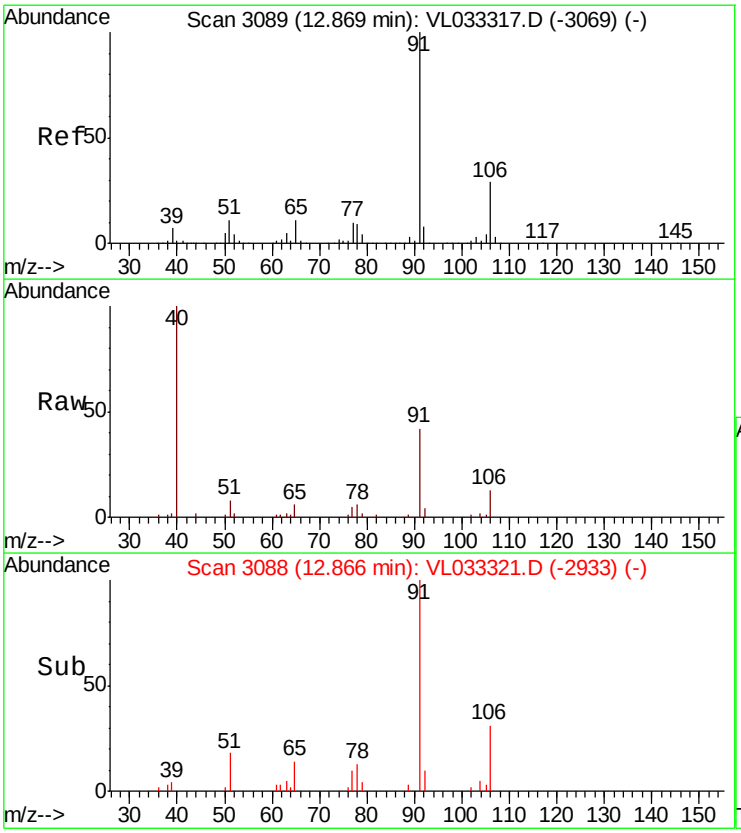
#57
Chlorobenzene
Concen: 0.056 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:112 Resp: 8876

Ion	Ratio	Lower	Upper
112	100		
77	61.0	57.5	86.3
114	21.1	29.7	36.3#

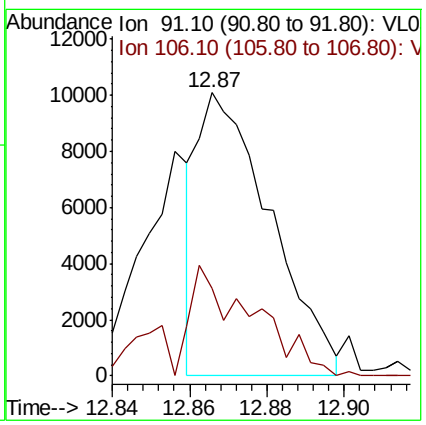


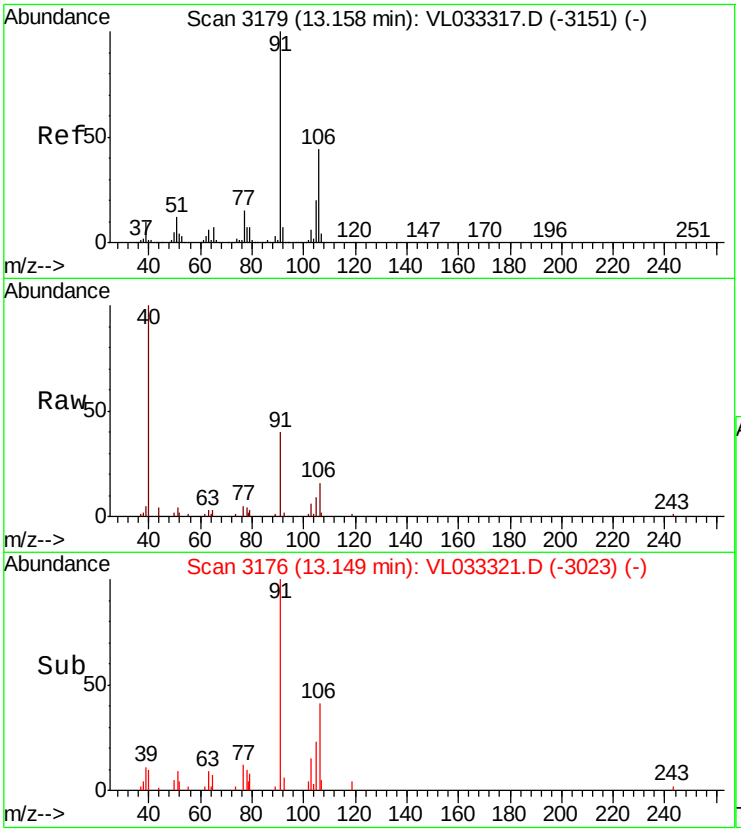


#58
Ethyl Benzene
Concen: 0.047 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 91 Resp: 13127

Ion	Ratio	Lower	Upper
91	100		
106	33.0	23.6	35.4



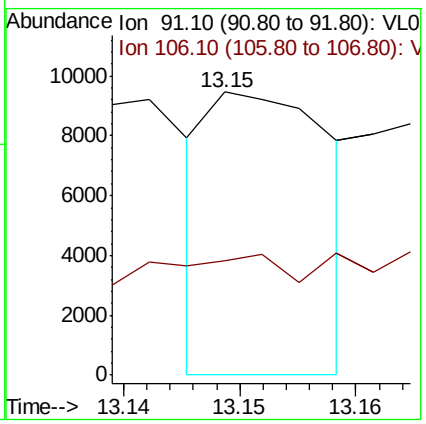


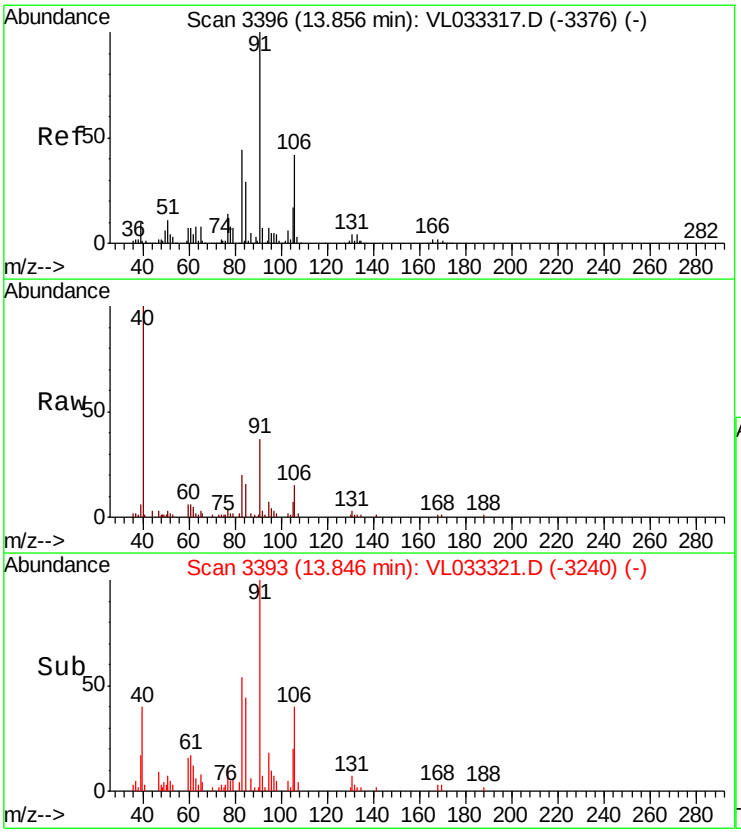
#59
m/p-Xylene
Concen: 0.029 ppbv
RT: 13.15 min Scan# 3176
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 6836

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.6	53.4#

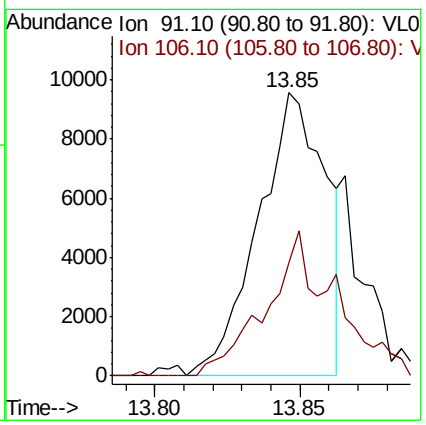


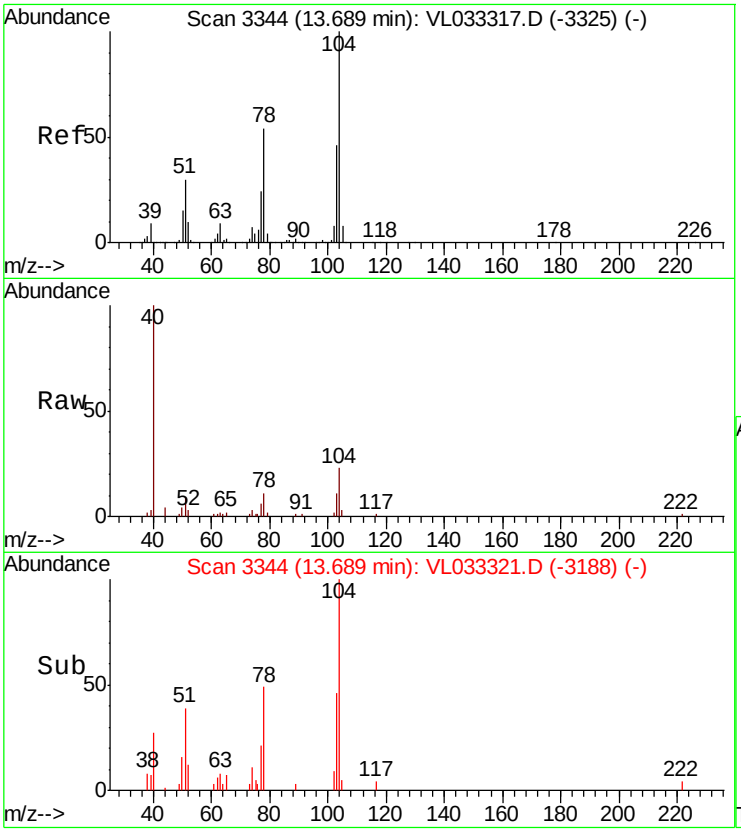


#60
o-Xylene
Concen: 0.068 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 91 Resp: 15415

Ion	Ratio	Lower	Upper
91	100		
106	53.2	21.5	64.5



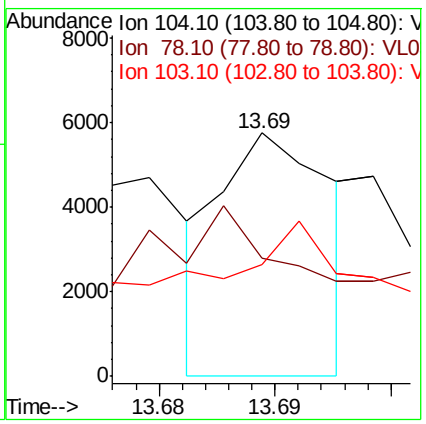


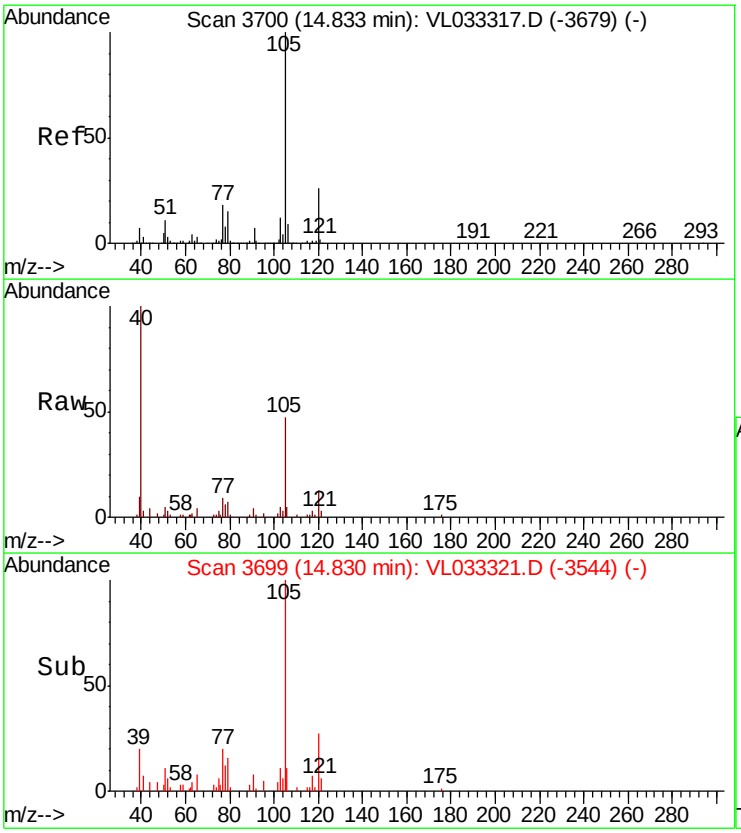
#61
Styrene
Concen: 0.024 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:104 Resp: 3819

Ion	Ratio	Lower	Upper
104	100		
78	193.0	43.4	65.0#
103	176.0	38.2	57.4#

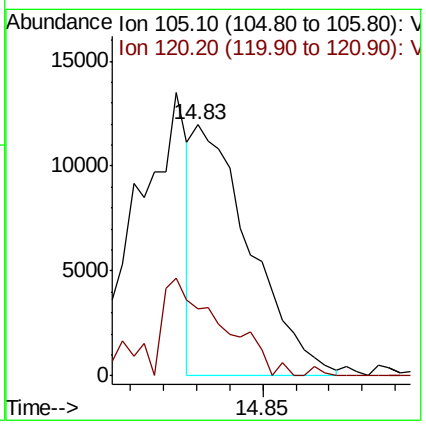


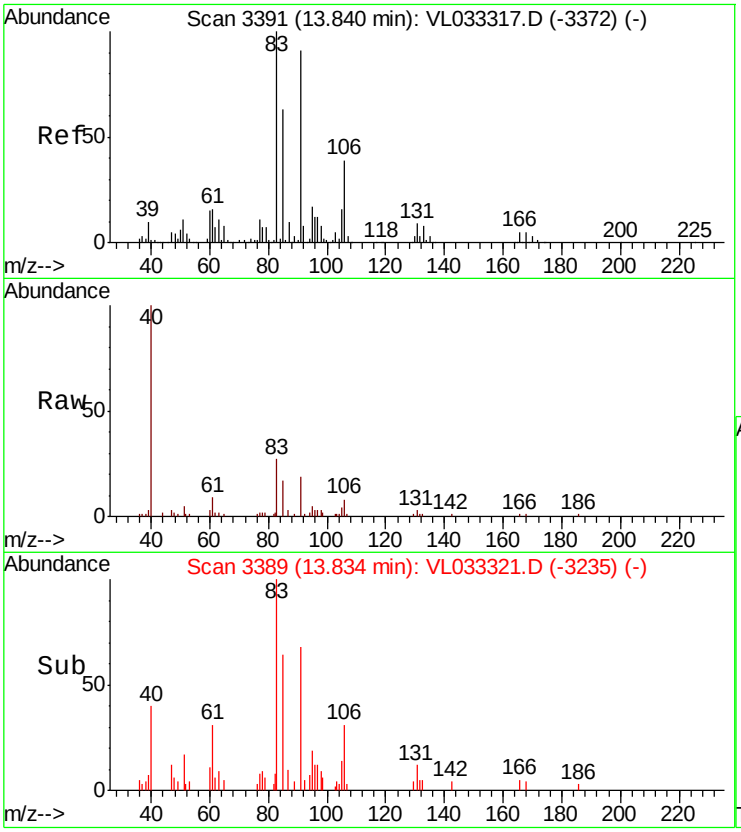


#62
Isopropylbenzene
Concen: 0.044 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:105 Resp: 14239

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.1	30.1#



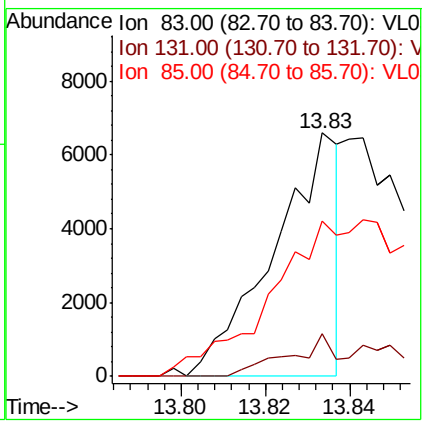


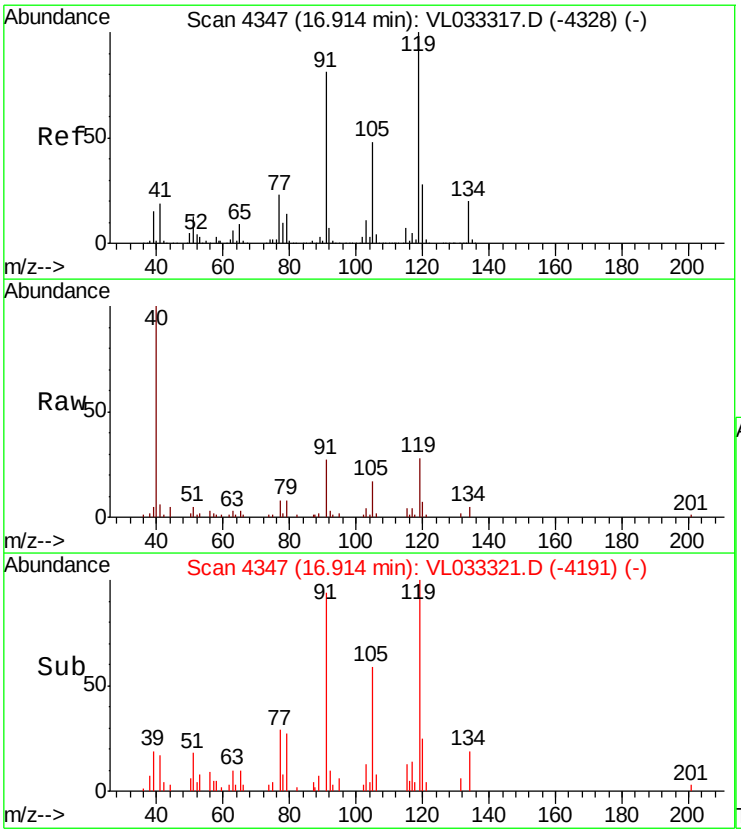
#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 7086

Ion	Ratio	Lower	Upper
83	100		
131	25.5	4.5	13.5#
85	0.0	32.5	97.5#

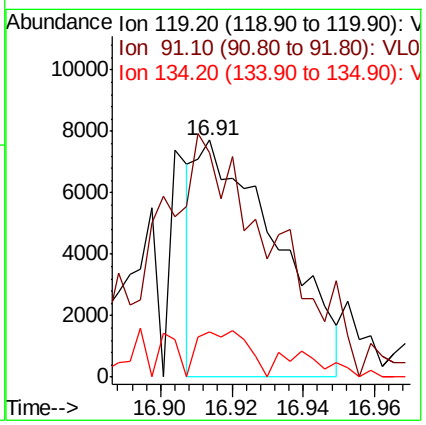


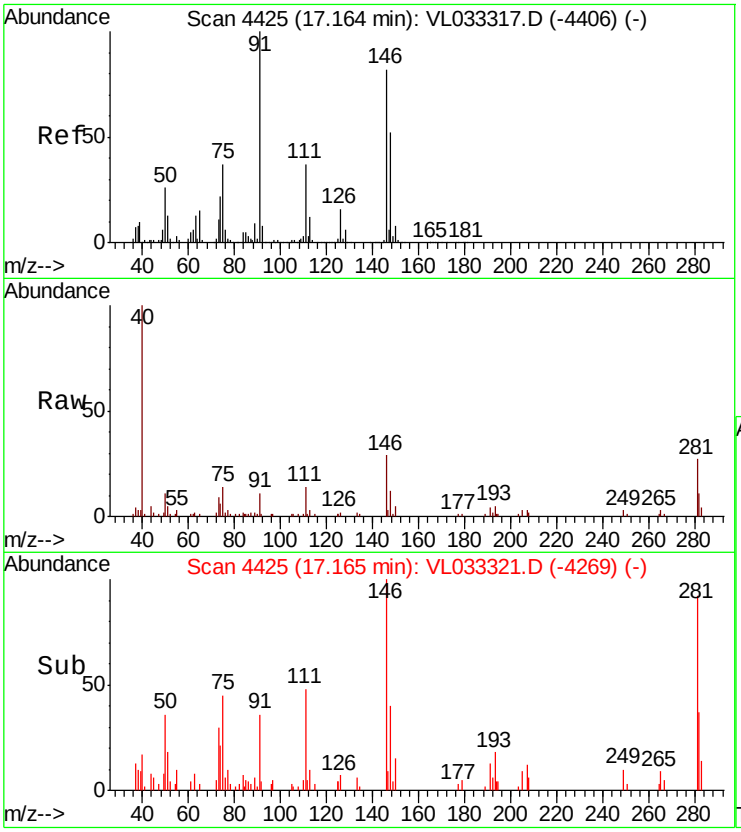


#65
tert-Butylbenzene
Concen: 0.045 ppbv
RT: 16.91 min Scan# 4347
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:119 Resp: 12220

Ion	Ratio	Lower	Upper
119	100		
91	166.7	67.5	101.3#
134	0.0	15.5	23.3#



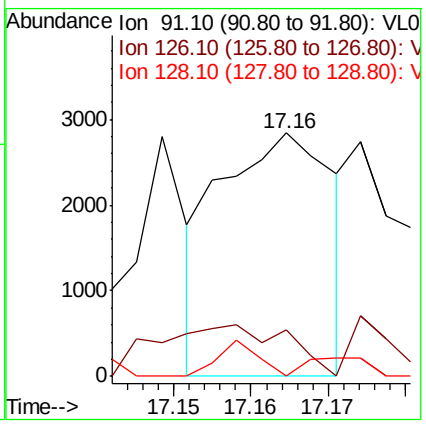


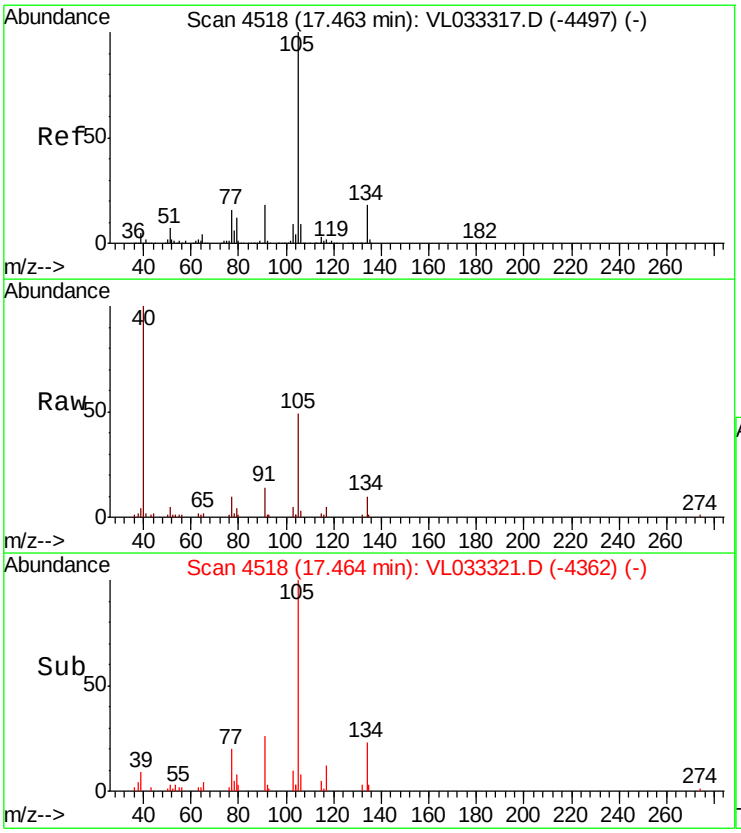
#66
Benzyl Chloride
Concen: 0.026 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 2886

Ion	Ratio	Lower	Upper
91	100		
126	24.6	13.4	20.0#
128	13.2	4.3	6.5#

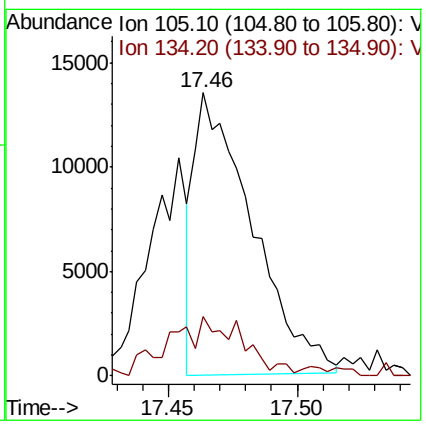


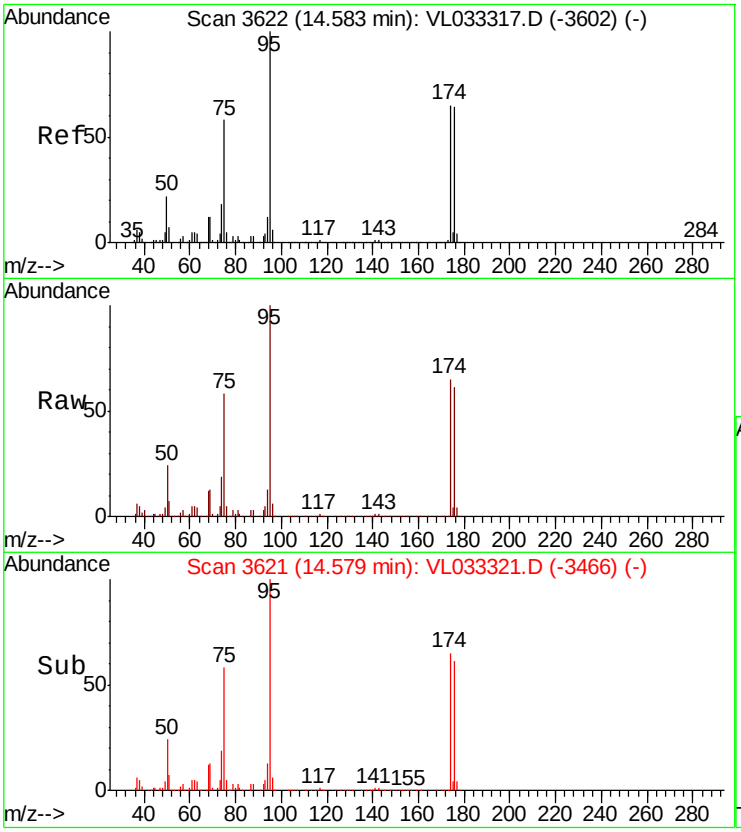


#67
sec-Butylbenzene
Concen: 0.054 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:105 Resp: 20973

Ion	Ratio	Lower	Upper
105	100		
134	26.6	14.2	21.4#



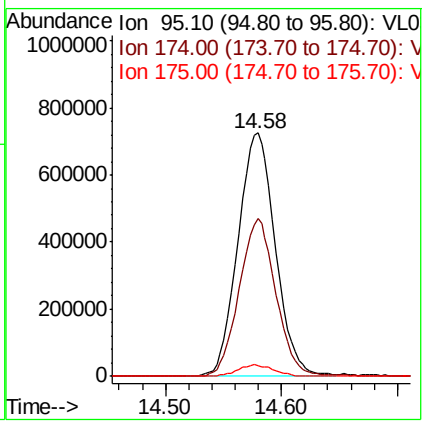


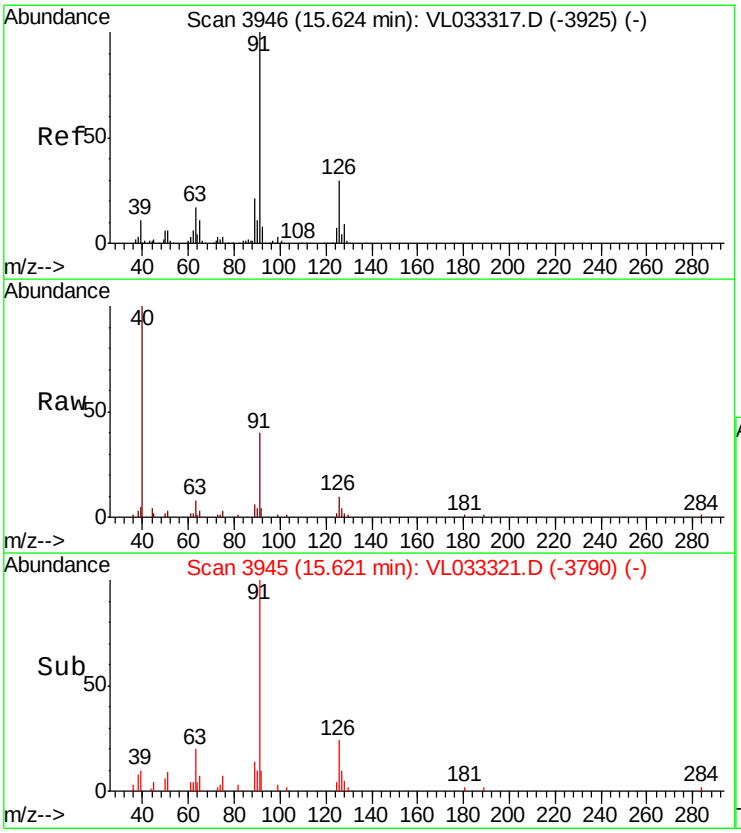
#68
1-Bromo-4-Fluorobenzene
Concen: 10.937 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 1624660

Ion	Ratio	Lower	Upper
95	100		
174	63.9	52.2	78.4
175	4.7	3.8	5.6

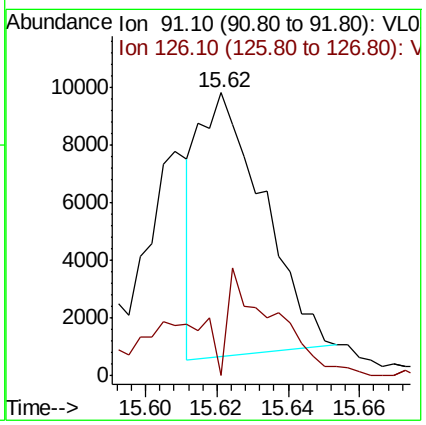


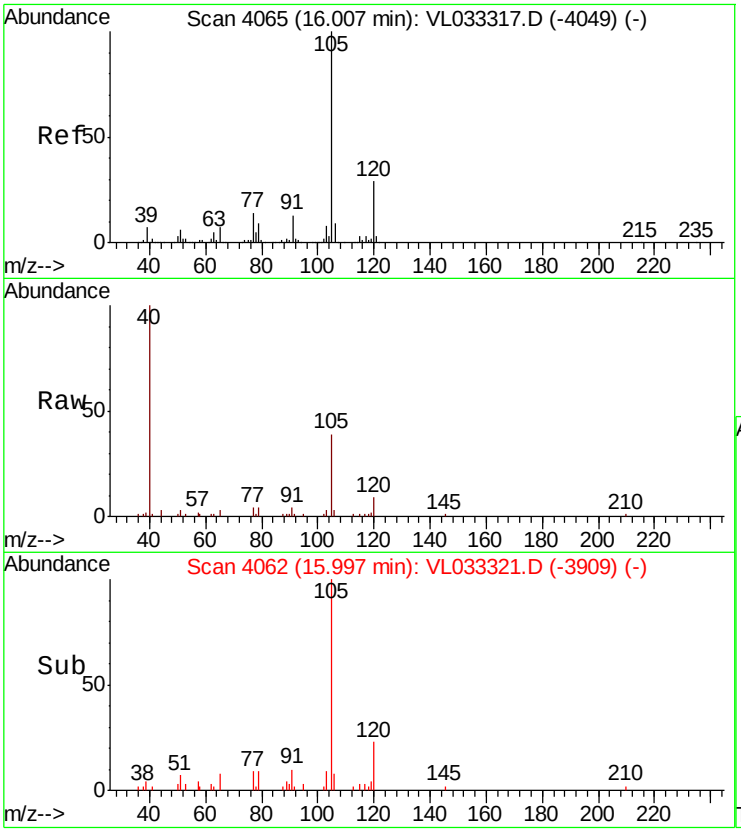


#71
2-Chlorotoluene
Concen: 0.048 ppbv
RT: 15.62 min Scan# 3945
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion: 91 Resp: 11564

Ion	Ratio	Lower	Upper
91	100		
126	23.3	11.8	47.2



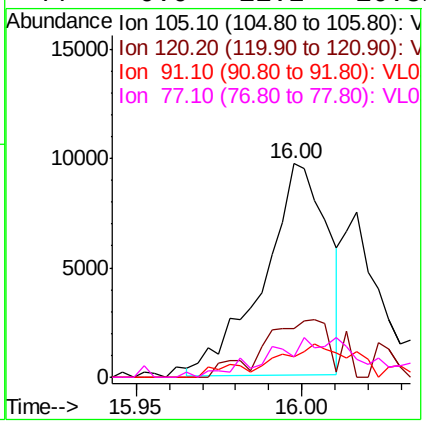


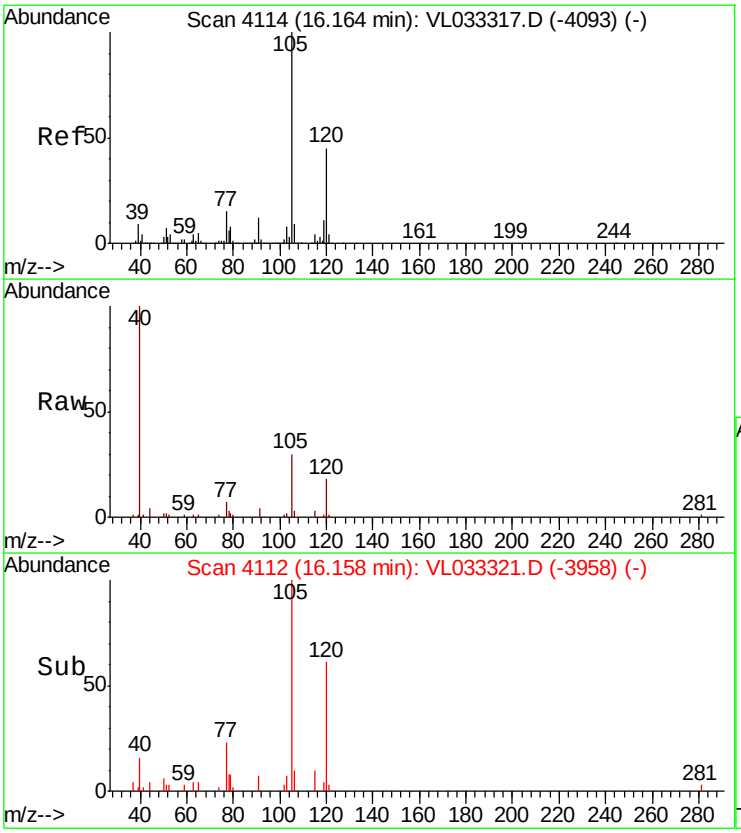
#72
4-Ethyltoluene
Concen: 0.053 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 12952

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.6	33.8#
91	0.0	10.4	15.6#
77	0.0	11.2	16.8#

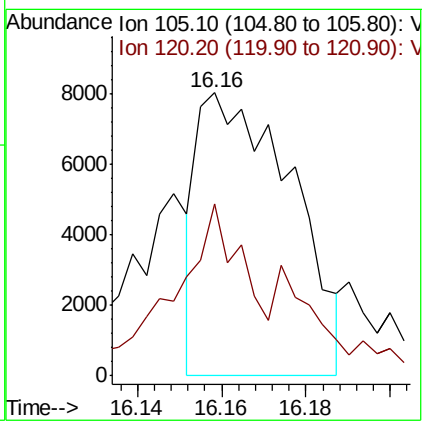


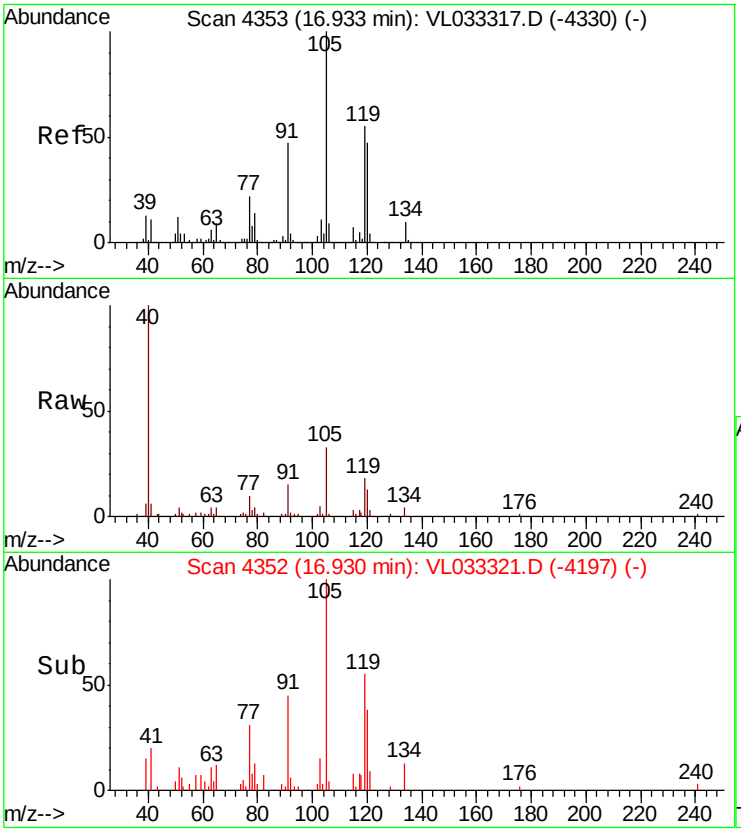


#73
1,3,5-Trimethylbenzene
Concen: 0.054 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. -0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:105 Resp: 12450

Ion	Ratio	Lower	Upper
105	100		
120	71.0	36.2	54.2#



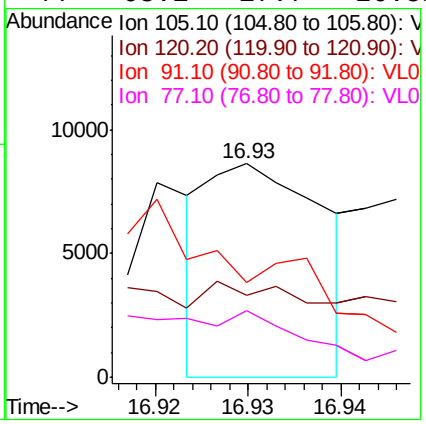


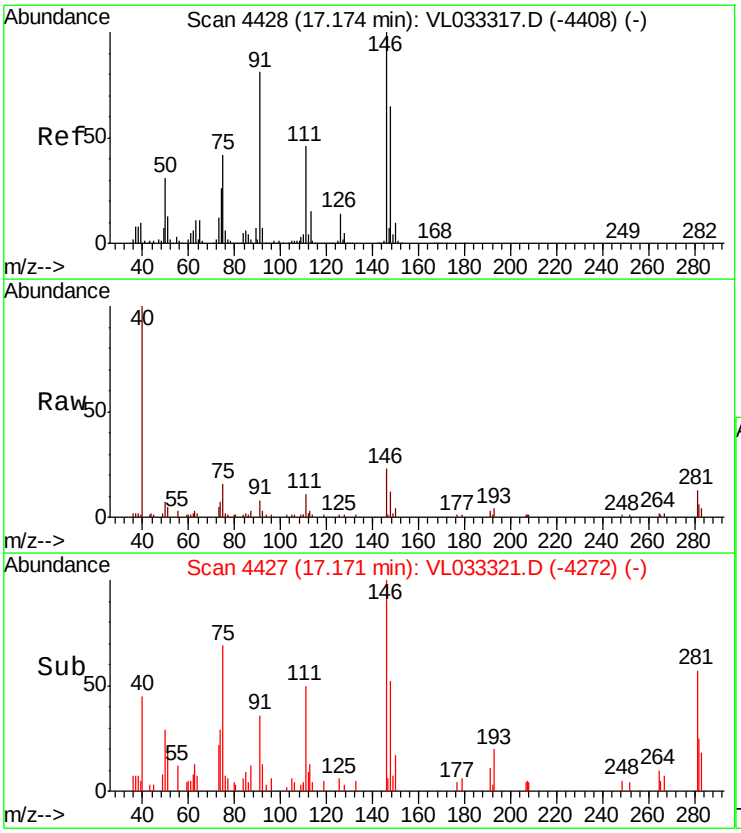
#74
1,2,4-Trimethylbenzene
Concen: 0.032 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 7423

Ion	Ratio	Lower	Upper
105	100		
120	66.3	37.2	55.8#
91	63.9	38.1	57.1#
77	68.1	17.7	26.5#

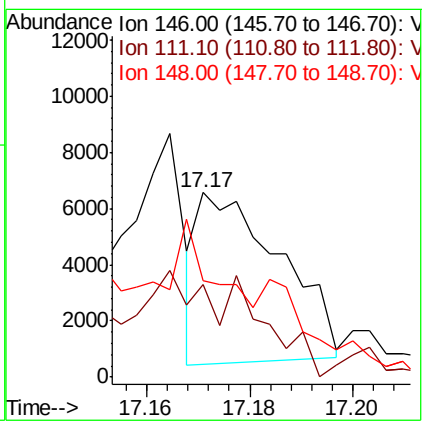


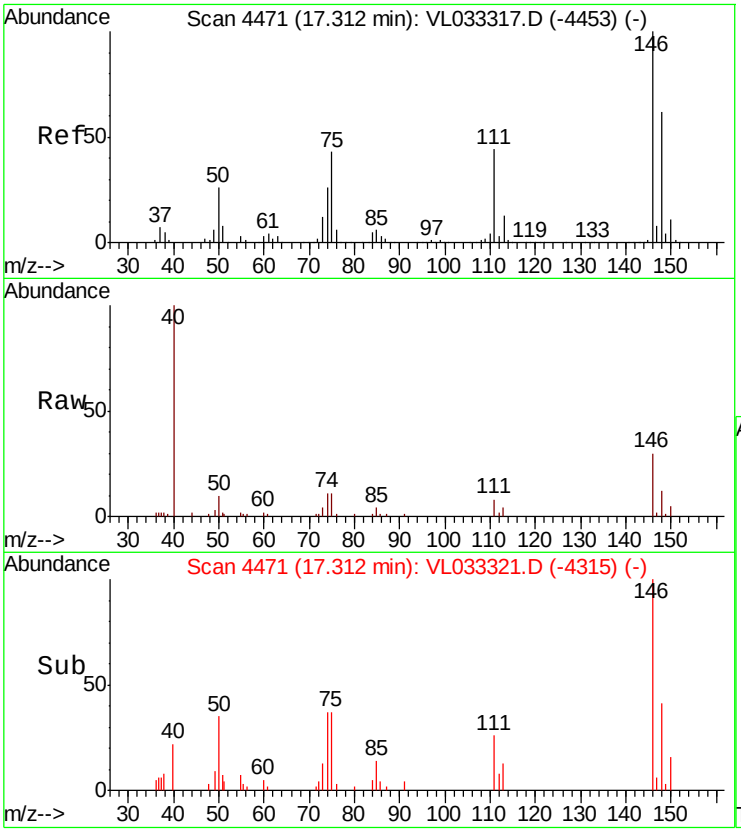


#75
1,3-Dichlorobenzene
Concen: 0.046 ppbv
RT: 17.17 min Scan# 4427
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:146 Resp: 6744

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.7#
148	157.6	32.2	96.6#



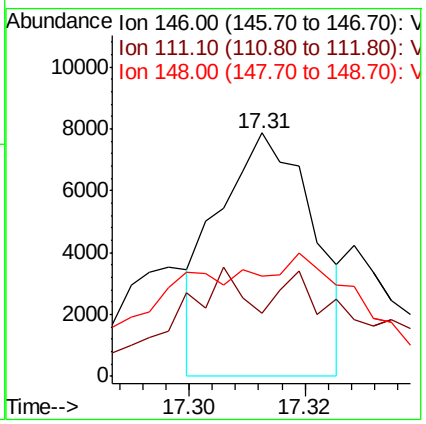


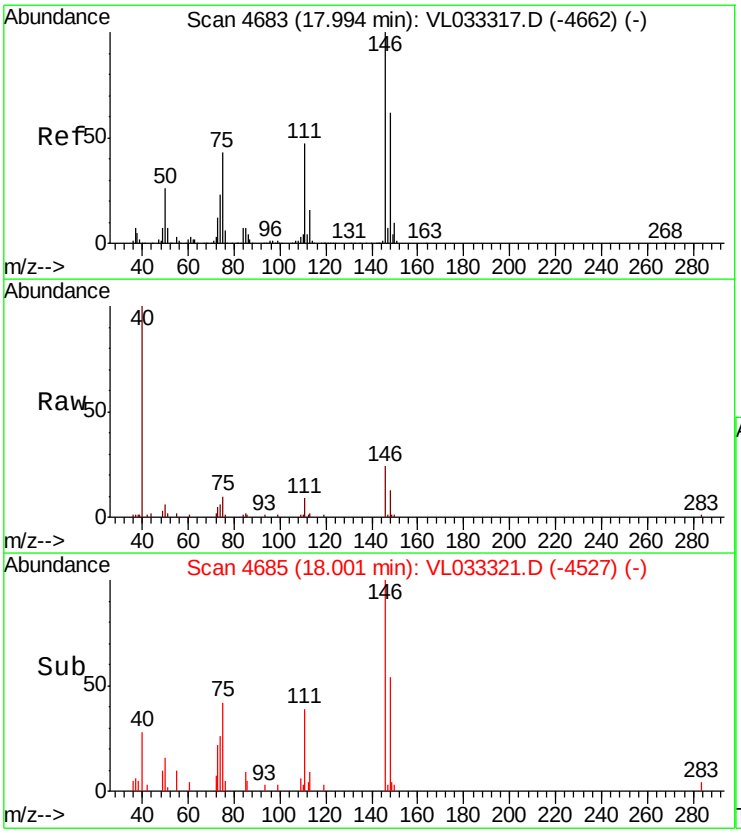
#76
1,4-Dichlorobenzene
Concen: 0.063 ppbv
RT: 17.31 min Scan# 4471
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 9006

Ion	Ratio	Lower	Upper
146	100		
111	77.7	22.5	67.5#
148	112.8	32.3	96.8#

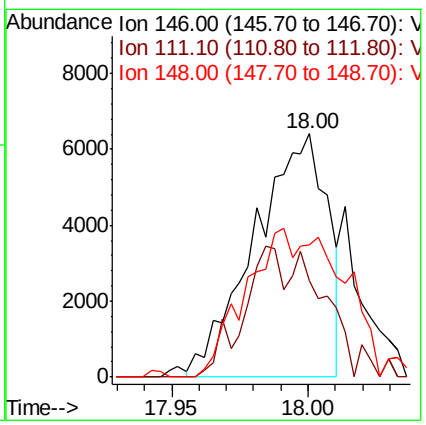


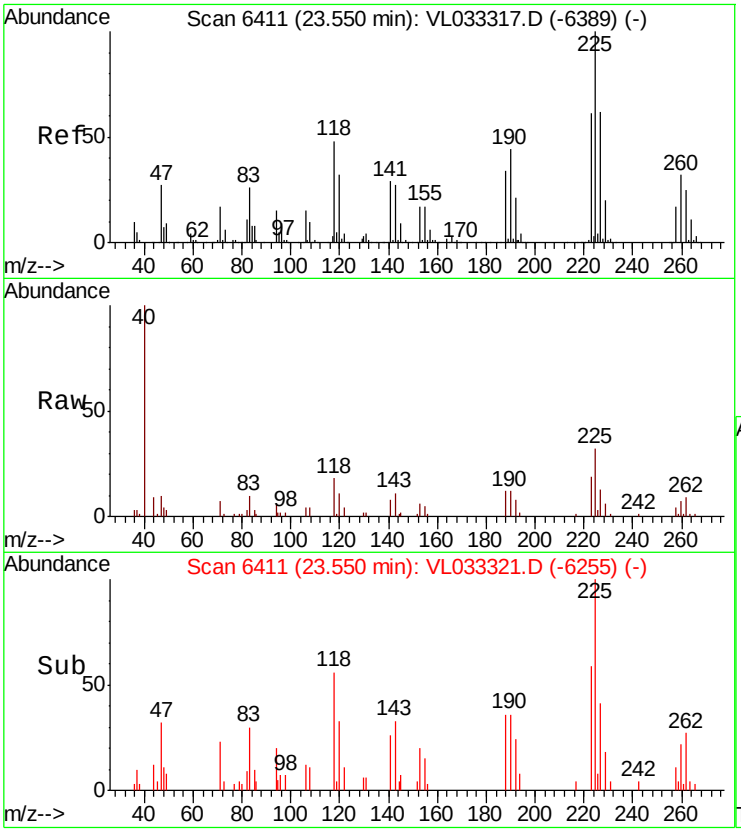


#77
1,2-Dichlorobenzene
Concen: 0.083 ppbv
RT: 18.00 min Scan# 4685
Delta R.T. 0.01 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:146 Resp: 11916

Ion	Ratio	Lower	Upper
146	100		
111	59.6	23.6	71.0
148	84.5	31.6	95.0



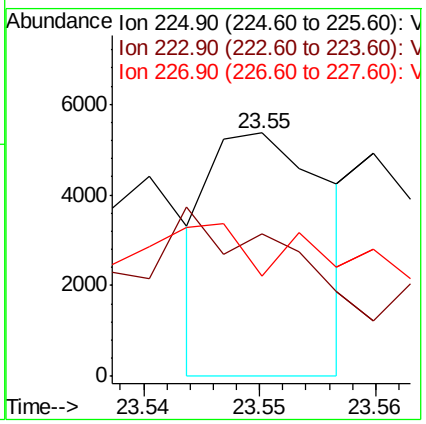


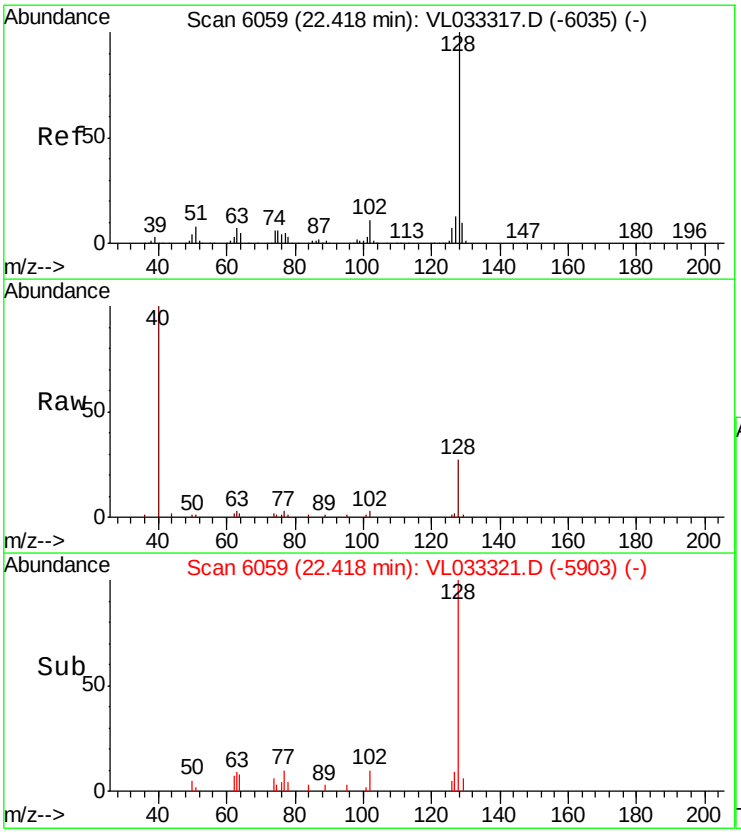
#78
Hexachloro-1,3-Butadiene
Concen: 0.038 ppbv
RT: 23.55 min Scan# 6411
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 3741

Ion	Ratio	Lower	Upper
225	100		
223	177.1	50.5	75.7#
227	198.6	50.9	76.3#

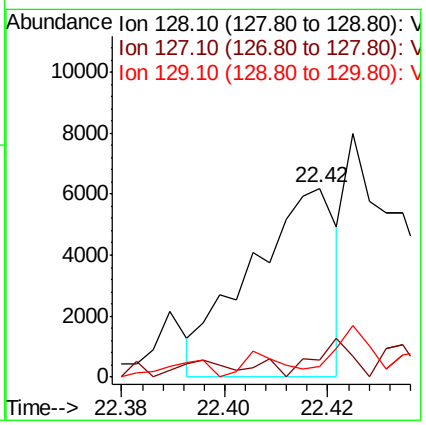


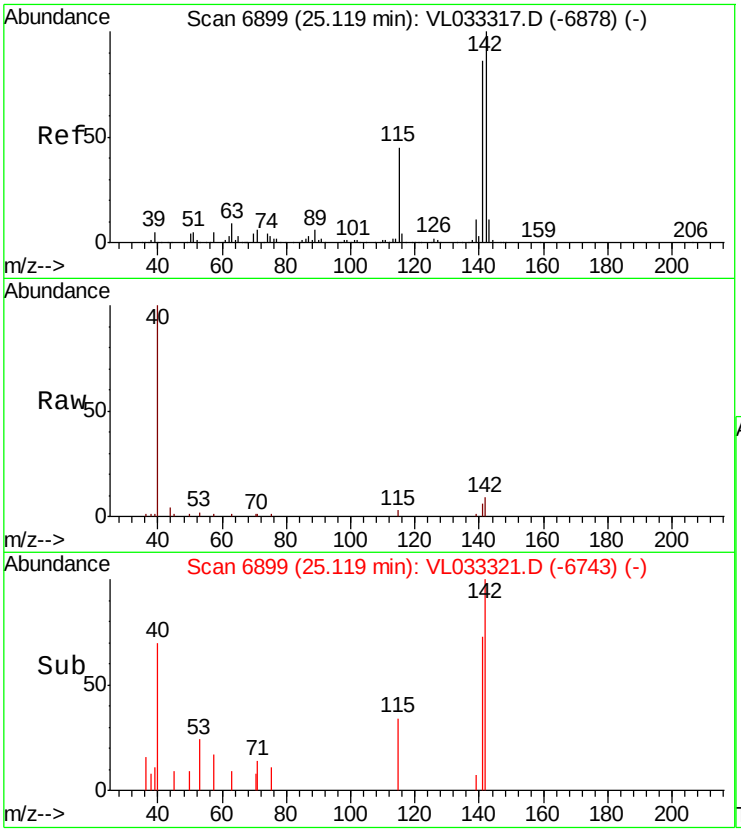


#79
Naphthalene
Concen: 0.037 ppbv
RT: 22.42 min Scan# 6059
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:128 Resp: 7157

Ion	Ratio	Lower	Upper
128	100		
127	2.6	10.5	15.7#
129	0.0	8.3	12.5#



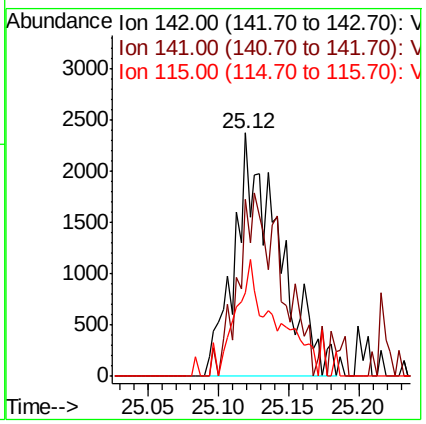


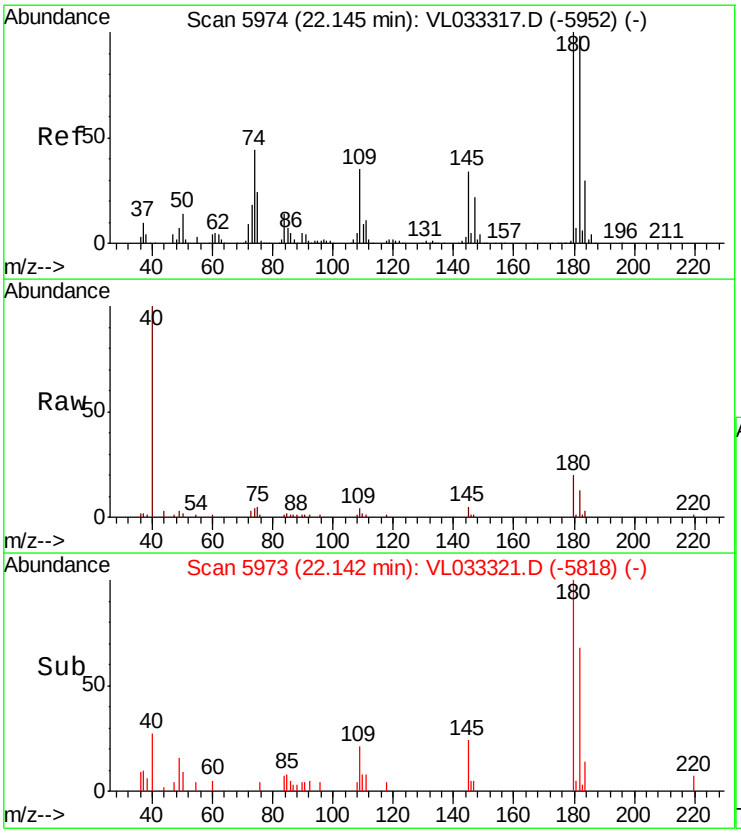
#80
Naphthalene,2-methyl-
Concen: 0.095 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 5235

Ion	Ratio	Lower	Upper
142	100		
141	80.1	67.4	101.0
115	46.5	33.8	50.8





#81
1,2,4-Trichlorobenzene
Concen: 0.022 ppbv
RT: 22.14 min Scan# 5973
Delta R.T. -0.00 min
Lab File: VL033321.D
Acq: 15 Mar 2019 5:29

Tgt Ion:180 Resp: 2369

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.6	114.8#
184	0.0	24.3	36.5#