Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
Data File : VL032030.D
Acq On : 1 Jun 2018 20:55
Operator : SY/AP
Sample : J3137-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1

Quant Time: Jun 02 02:03:42 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.86	49	1109441	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.40	114	2232053	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.37	117	2266406	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.70	95	1780184	10.17	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.08	51	10070	0.10	ppbv	#	89
4) Chloromethane	3.25	50	1891	0.04	ppbv	#	83
9) Propene	3.11	41	7207	0.21	ppbv	#	51
11) Trichlorofluoromethane	4.09	101	7893	0.04	ppbv		97
13) Ethanol	3.73	45	1880	0.14	ppbv	#	38
15) Acetone	3.99	43	252852	1.89	ppbv		97
17) tert-Butyl alcohol	4.47	59	24695	0.38	ppbv	#	90
19) Isopropyl Alcohol	4.13	45	19647	0.22	ppbv	#	95
20) Methylene Chloride	4.50	84	23152	0.38	ppbv	#	84
23) Vinyl Acetate	5.25	43	13776	0.08	ppbv	#	87
25) Ethyl Acetate	5.88	43	11344	0.04	ppbv	#	82
26) Hexane	5.88	57	10346	0.08	ppbv	#	48
27) Carbon Disulfide	4.72	76	19558	0.12	ppbv	#	63
29) Chloroform	5.95	83	21782	0.10	ppbv		97
35) Carbon Tetrachloride	7.24	117	14910	0.08	ppbv		91
39) 1,2-Dichloropropane	7.40	63	603816	8.35	ppbv	#	21
53) Toluene	10.07	91	25282	0.12	ppbv		97
78) Hexachloro-1,3-Butadiene	23.66	225	2324	0.03	ppbv	#	19
80) Naphthalene,2-methyl-	25.23	142	1964	0.05	ppbv	#	36

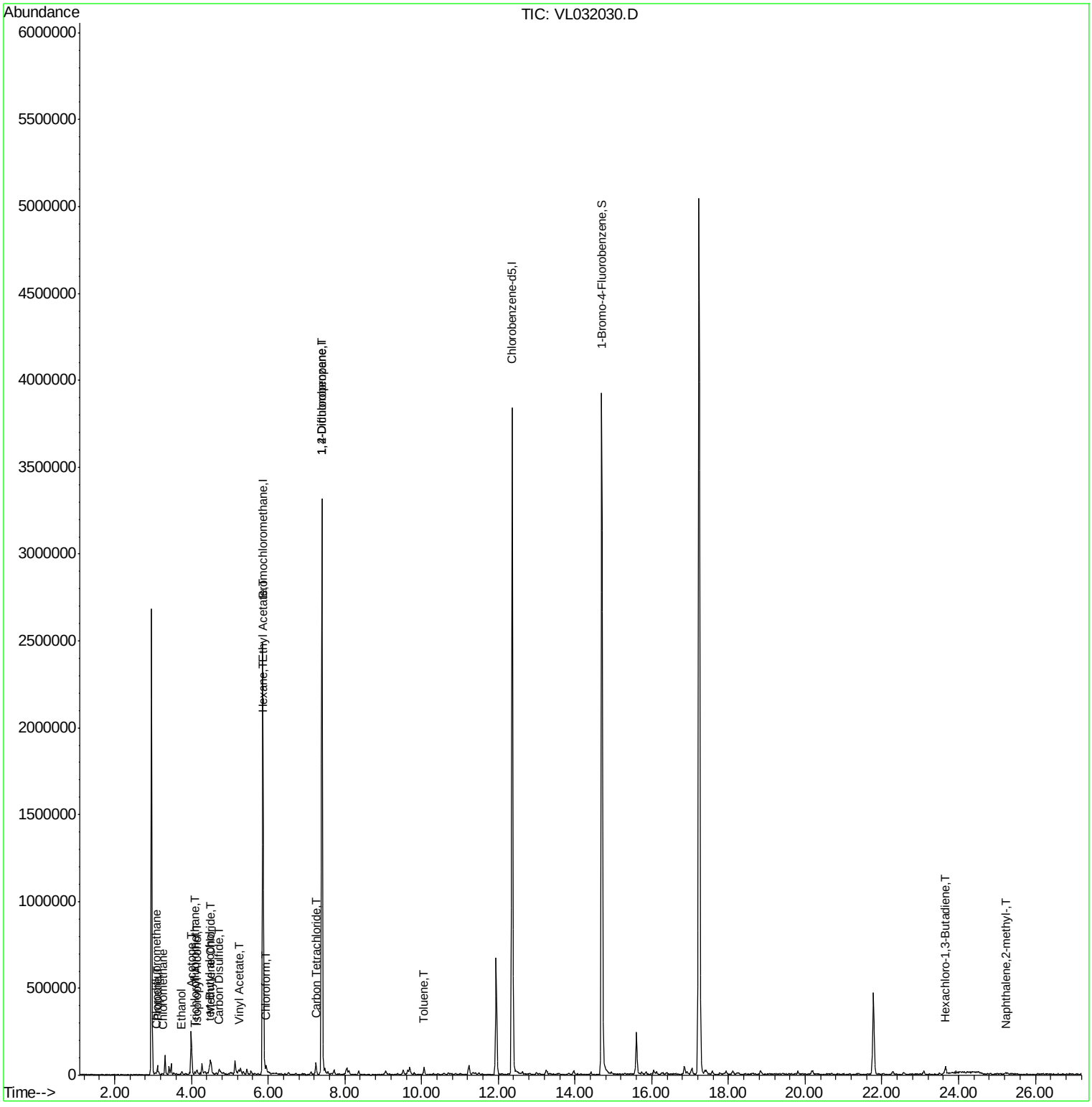
(#) = qualifier out of range (m) = manual integration (+) = signals summed

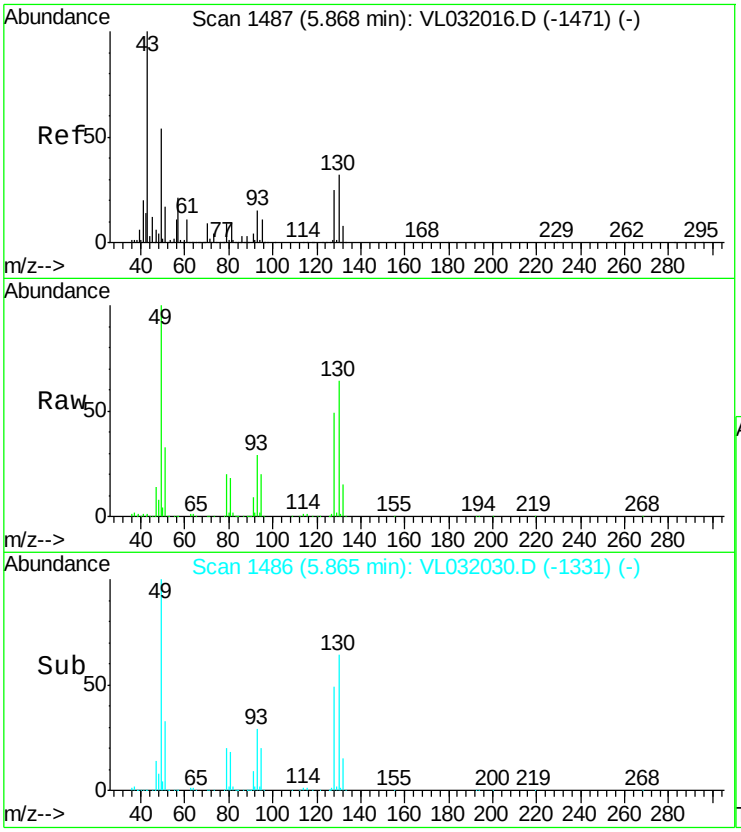
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
Data File : VL032030.D
Acq On : 1 Jun 2018 20:55
Operator : SY/AP
Sample : J3137-01 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1

Quant Time: Jun 02 02:03:42 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 01 02:31:35 2018
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration



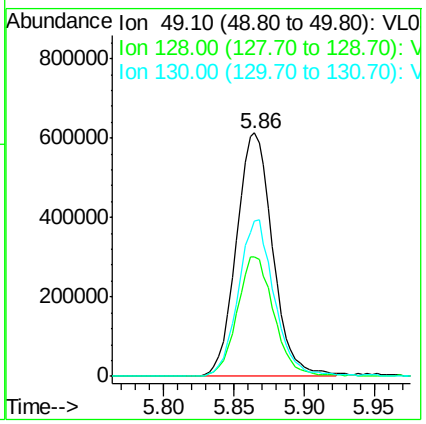


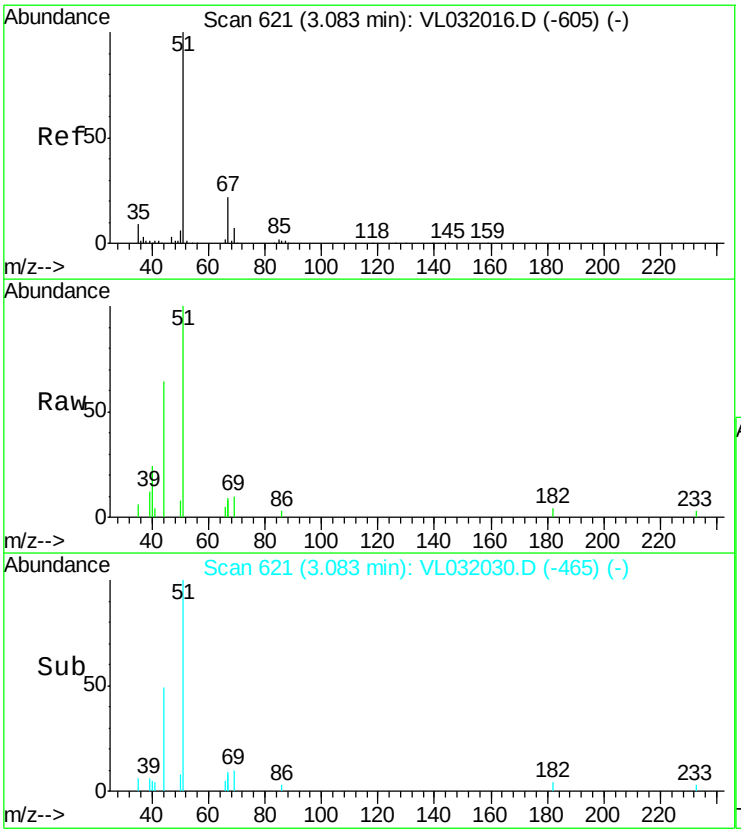
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 49 Resp: 1109441

Ion	Ratio	Lower	Upper
49	100		
128	50.0	24.1	72.3
130	64.1	30.9	92.8

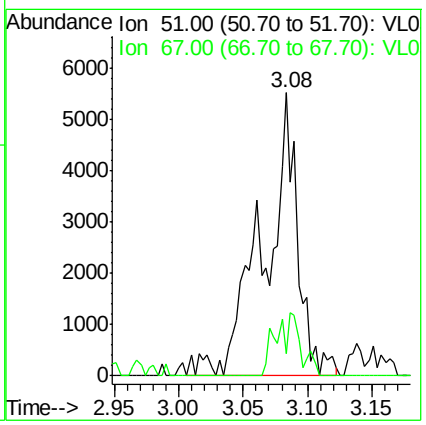


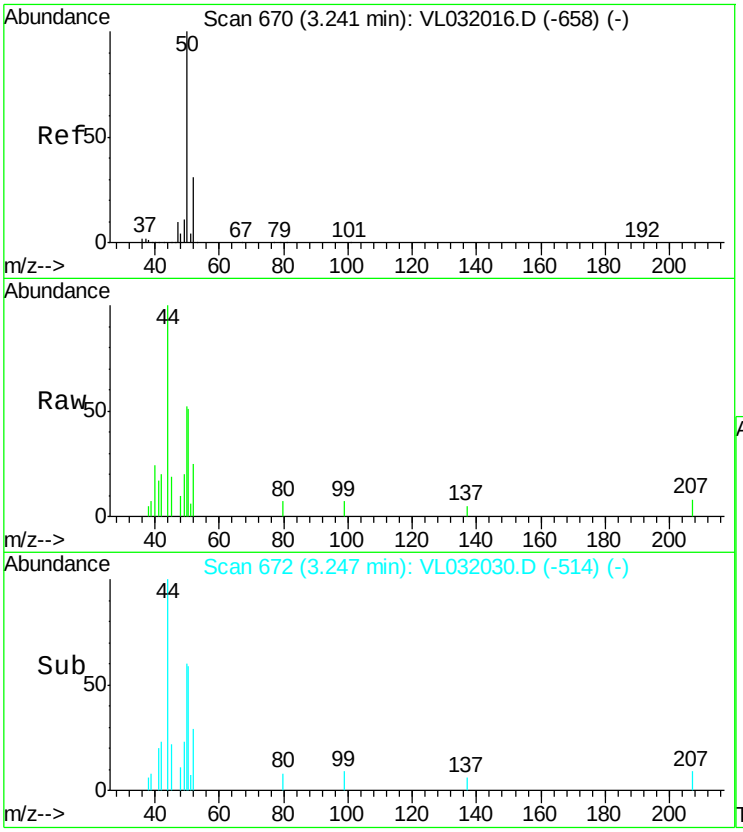


#3
Chlorodifluoromethane
Concen: 0.10 ppbv
RT: 3.08 min Scan# 621
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 51 Resp: 10070

Ion	Ratio	Lower	Upper
51	100		
67	16.2	17.2	25.8#



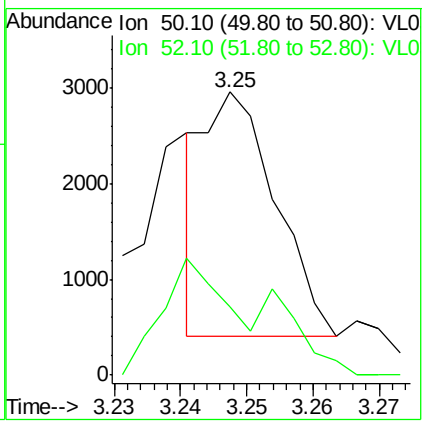


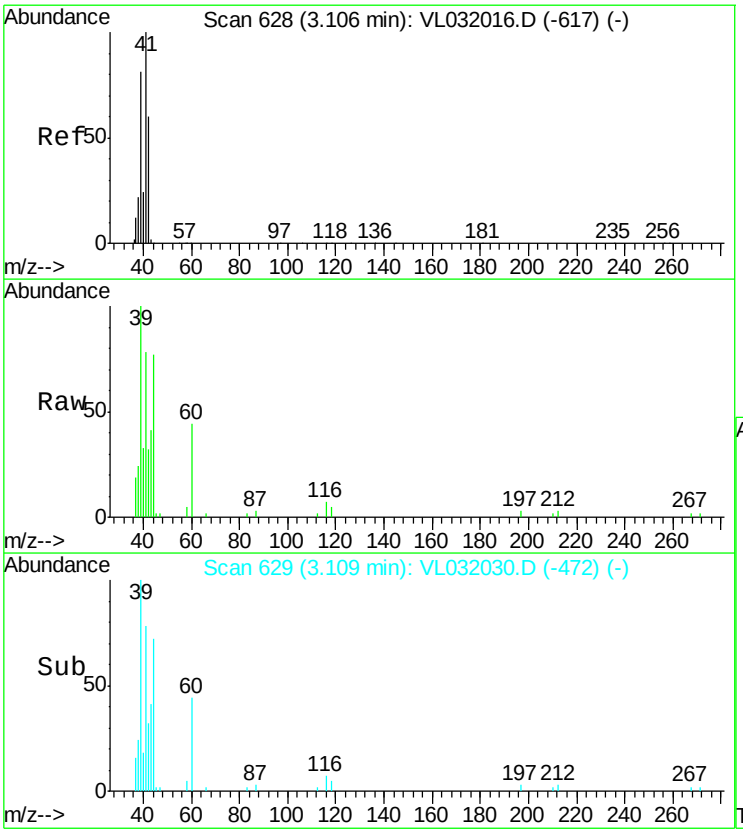
#4
Chloromethane
Concen: 0.04 ppbv
RT: 3.25 min Scan# 672
Delta R.T. 0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument : MSVOA_L
ClientSampleId : SS-1

Tgt Ion: 50 Resp: 1891

Ion	Ratio	Lower	Upper
50	100		
52	22.1	25.0	37.6#

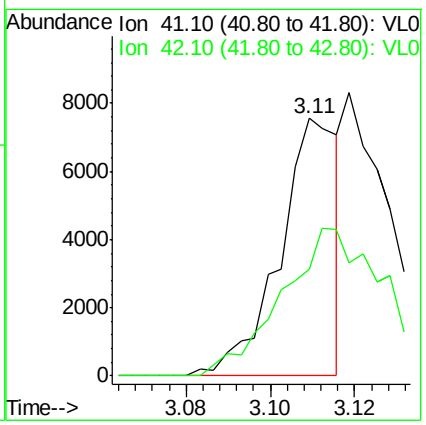


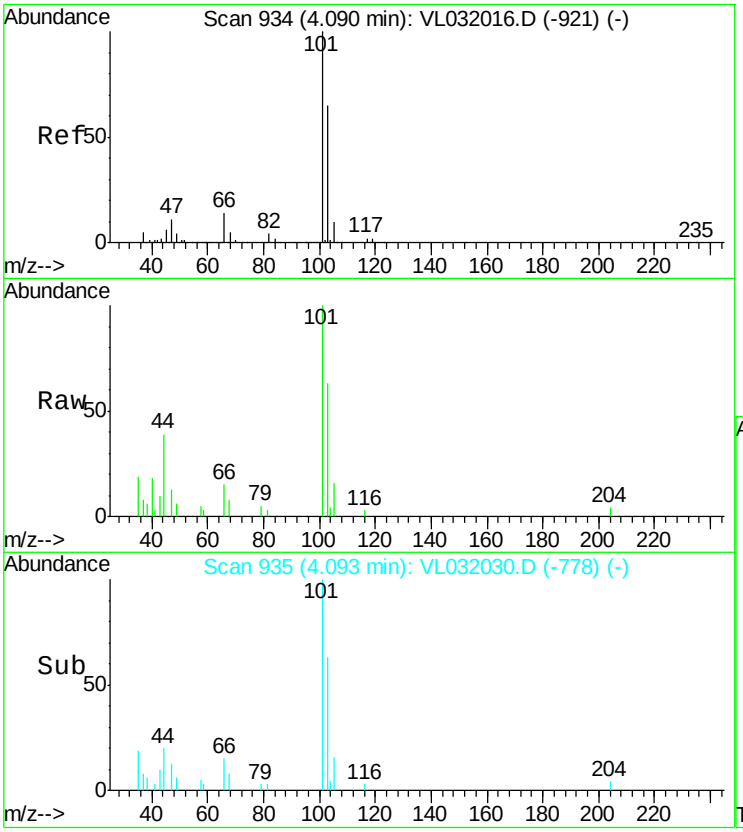


#9
Propene
Concen: 0.21 ppbv
RT: 3.11 min Scan# 629
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 41 Resp: 7207

Ion	Ratio	Lower	Upper
41	100		
42	107.5	54.4	81.6#



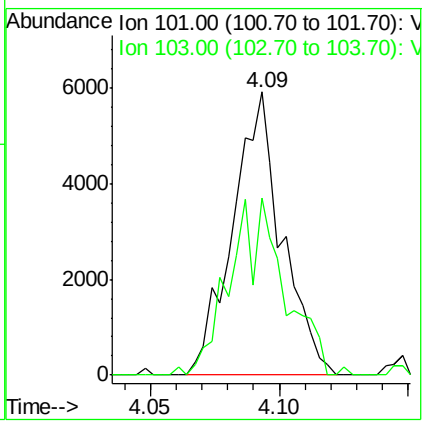


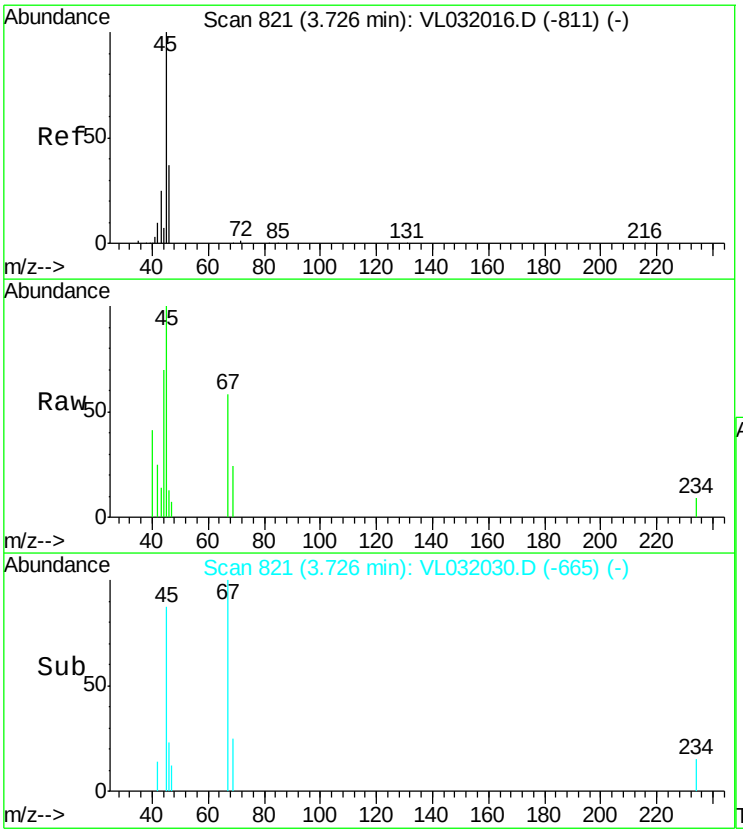
#11
Trichlorofluoromethane
Concen: 0.04 ppbv
RT: 4.09 min Scan# 935
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:101 Resp: 7893

Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.0	78.0

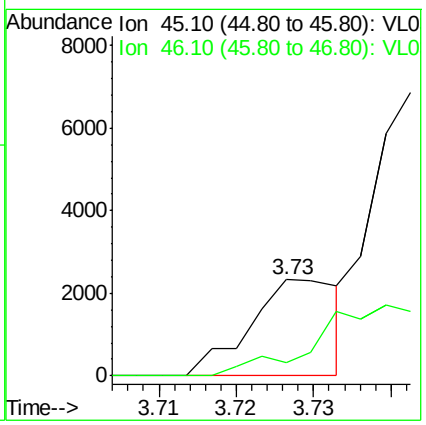


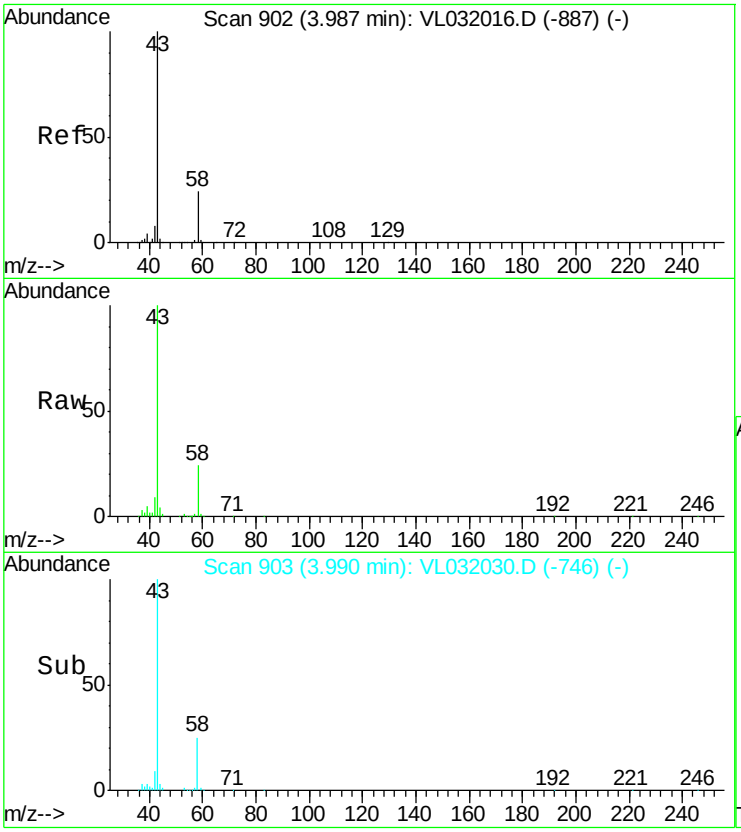


#13
Ethanol
Concen: 0.14 ppbv
RT: 3.73 min Scan# 821
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 45 Resp: 1880

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.5#



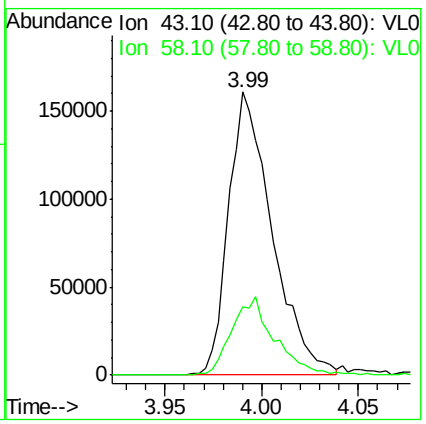


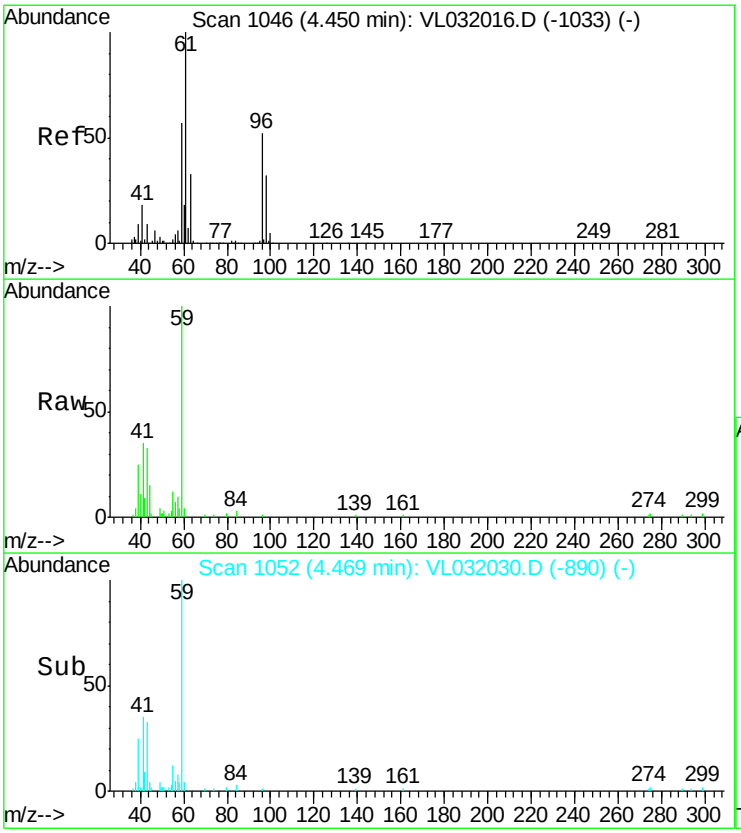
#15
Acetone
Concen: 1.89 ppbv
RT: 3.99 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 43 Resp: 252852

Ion	Ratio	Lower	Upper
43	100		
58	27.5	20.7	31.1

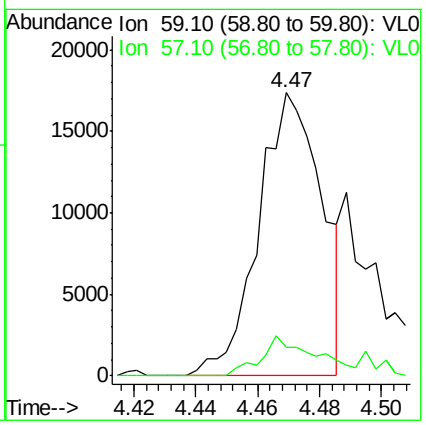


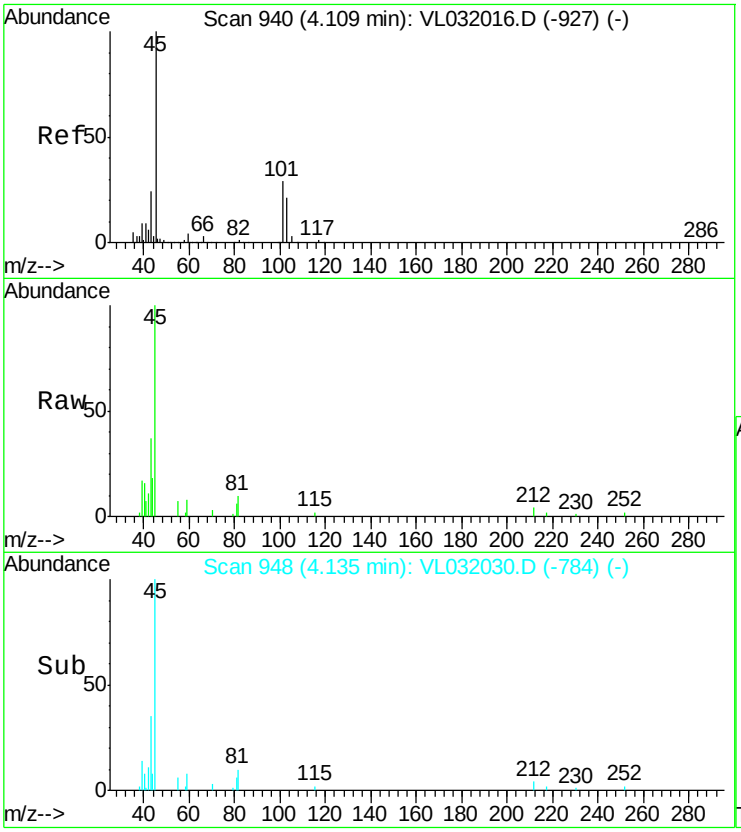


#17
tert-Butyl alcohol
Concen: 0.38 ppbv
RT: 4.47 min Scan# 1052
Delta R.T. 0.02 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 59 Resp: 24695

Ion	Ratio	Lower	Upper
59	100		
57	14.3	8.3	12.5#



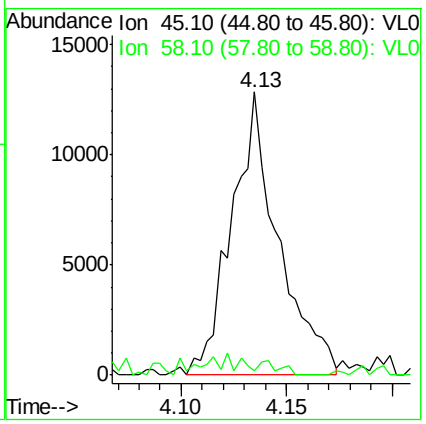


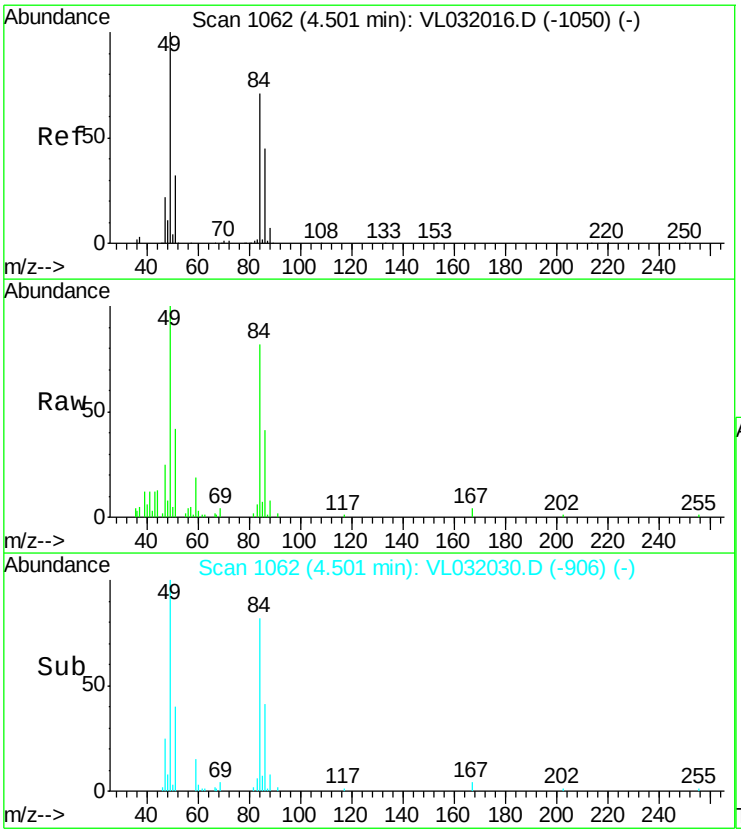
#19
Isopropyl Alcohol
Concen: 0.22 ppbv
RT: 4.13 min Scan# 948
Delta R.T. 0.03 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument : MSVOA_L
ClientSampleId : SS-1

Tgt Ion: 45 Resp: 19647

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#

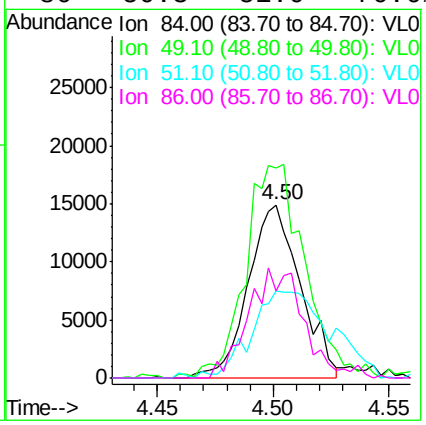


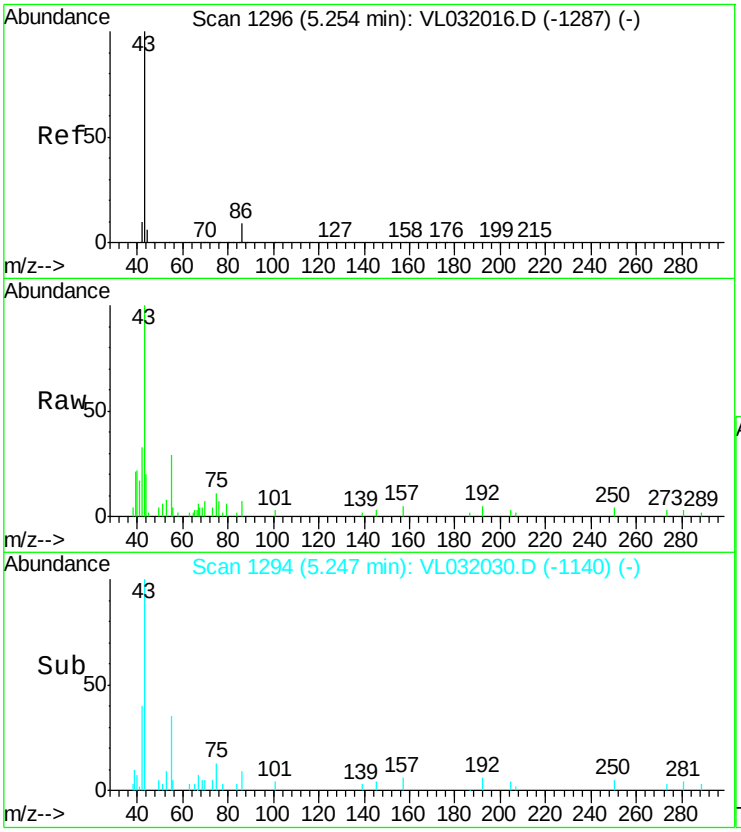


#20
Methylene Chloride
Concen: 0.38 ppbv
RT: 4.50 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 84 Resp: 23152

Ion	Ratio	Lower	Upper
84	100		
49	119.2	113.0	169.4
51	49.1	36.4	54.6
86	50.3	51.0	76.6#



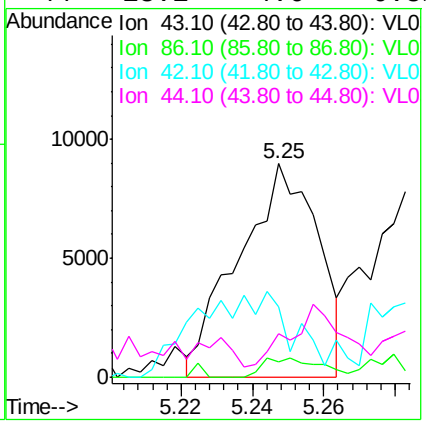


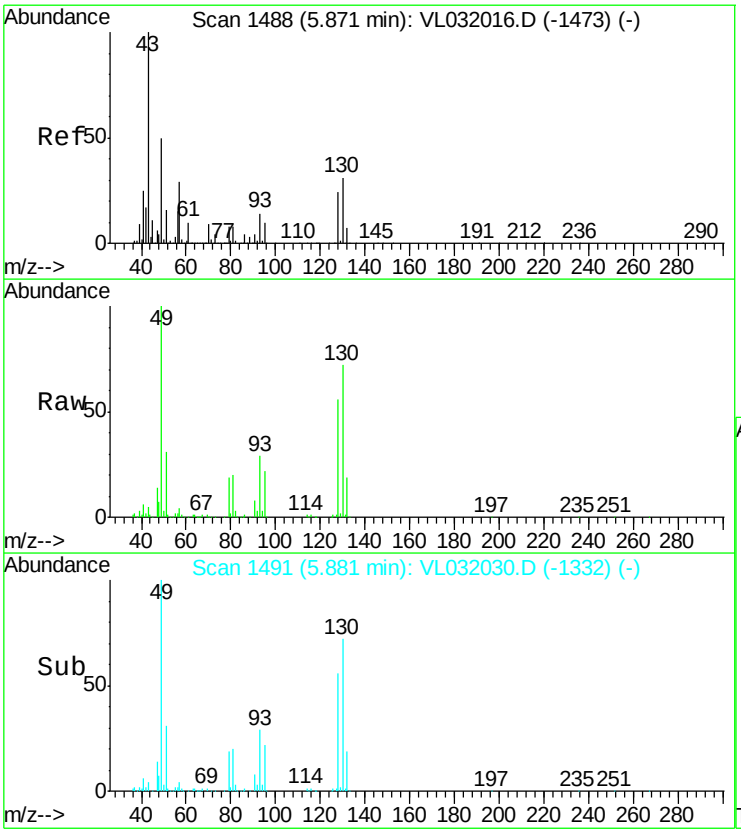
#23
Vinyl Acetate
Concen: 0.08 ppbv
RT: 5.25 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument : MSVOA_L
ClientSampleId : SS-1

Tgt Ion: 43 Resp: 13776

Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.2	9.4
42	16.9	8.7	13.1#
44	13.1	4.6	6.8#

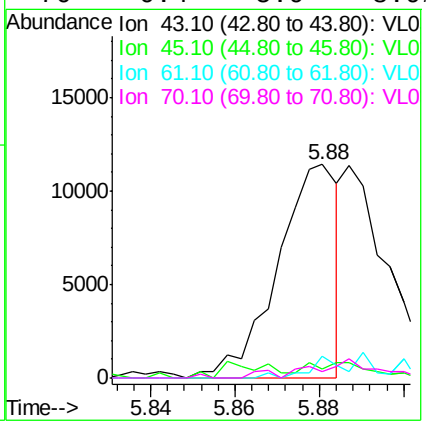


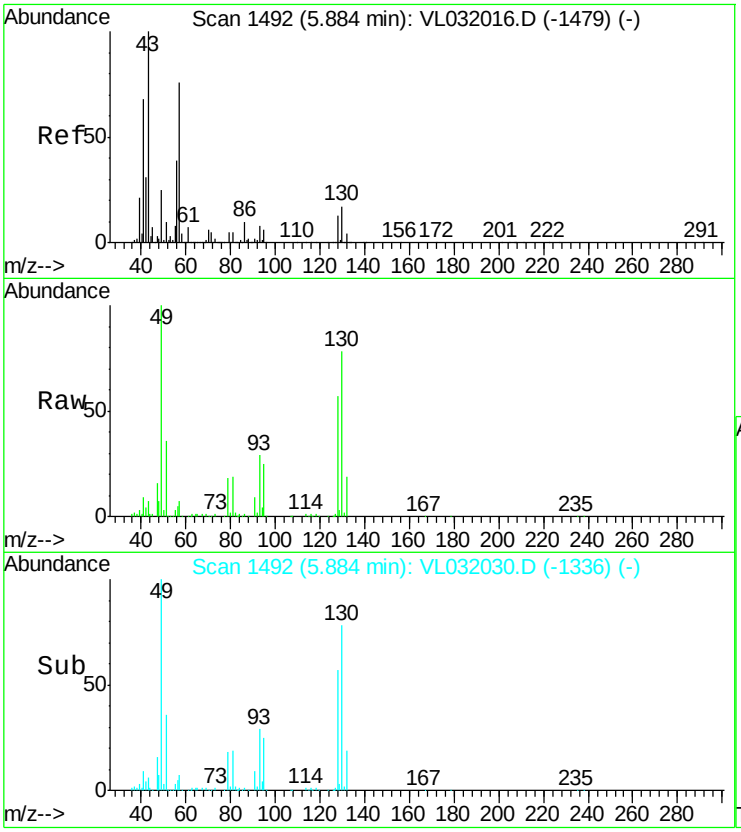


#25
Ethyl Acetate
Concen: 0.04 ppbv
RT: 5.88 min Scan# 1491
Delta R.T. 0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 43 Resp: 11344

Ion	Ratio	Lower	Upper
43	100		
45	6.7	7.8	11.6#
61	0.0	7.4	11.2#
70	0.4	5.9	8.9#



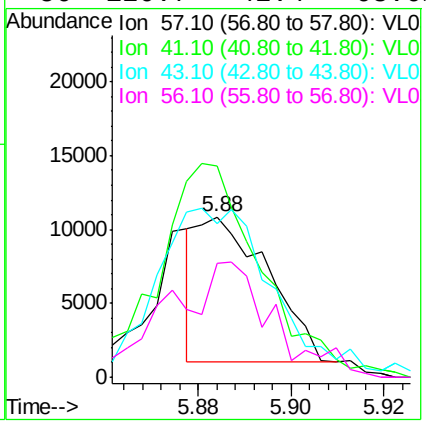


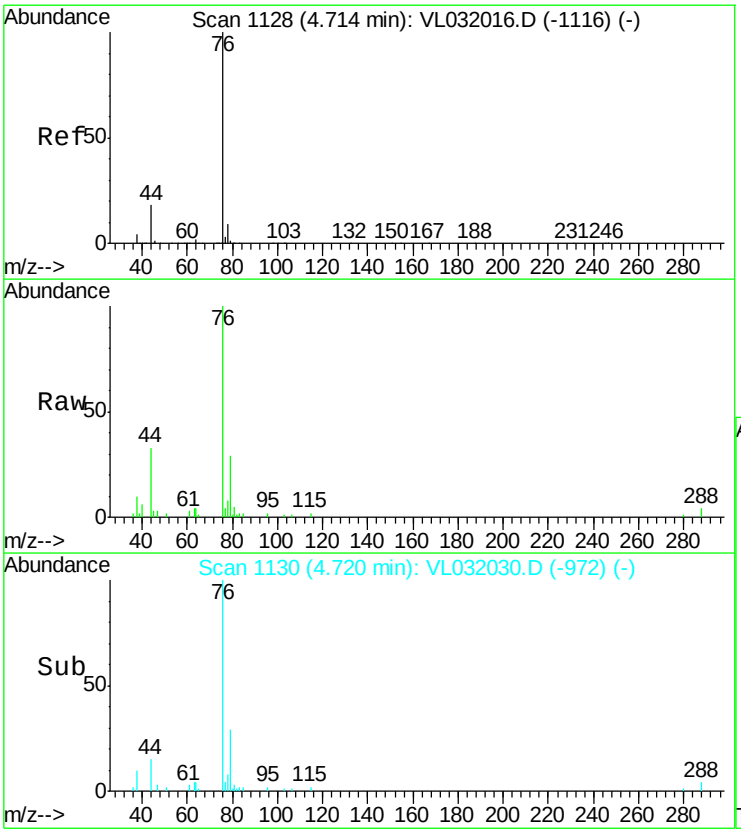
#26
Hexane
Concen: 0.08 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument : MSVOA_L
ClientSampleId : SS-1

Tgt Ion: 57 Resp: 10346

Ion	Ratio	Lower	Upper
57	100		
41	218.8	71.4	107.2#
43	204.8	168.6	252.8
56	120.7	42.4	63.6#

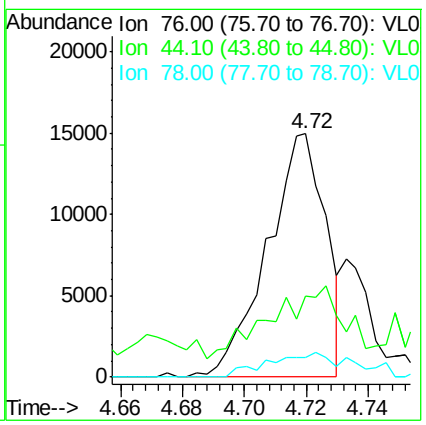


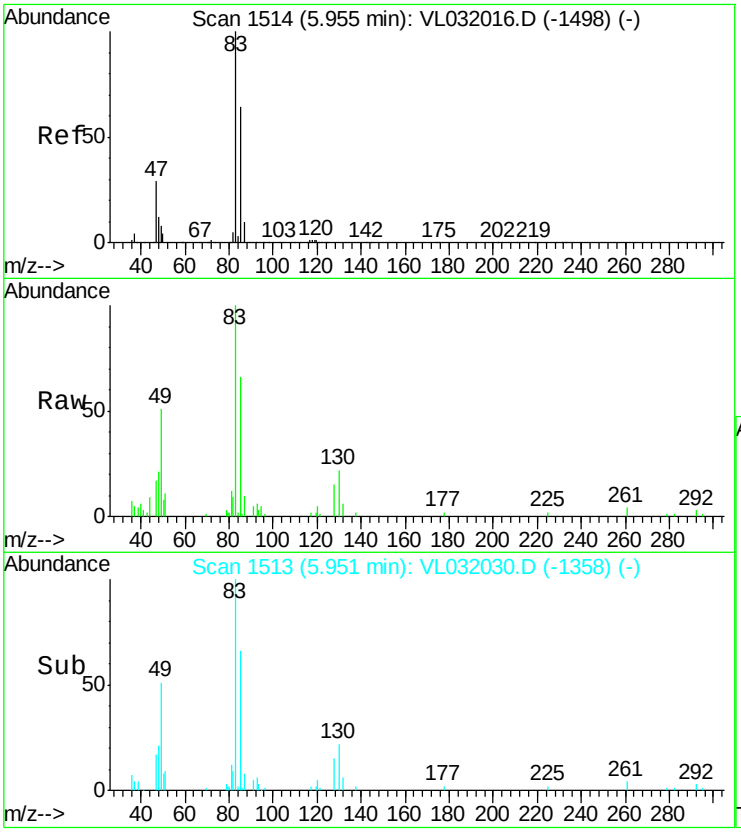


#27
Carbon Disulfide
Concen: 0.12 ppbv
RT: 4.72 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 76 Resp: 19558

Ion	Ratio	Lower	Upper
76	100		
44	40.0	14.9	22.3#
78	15.4	7.6	11.4#



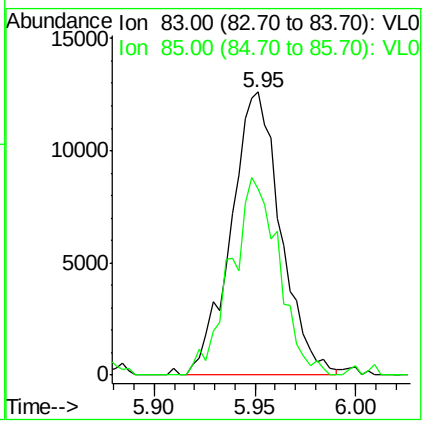


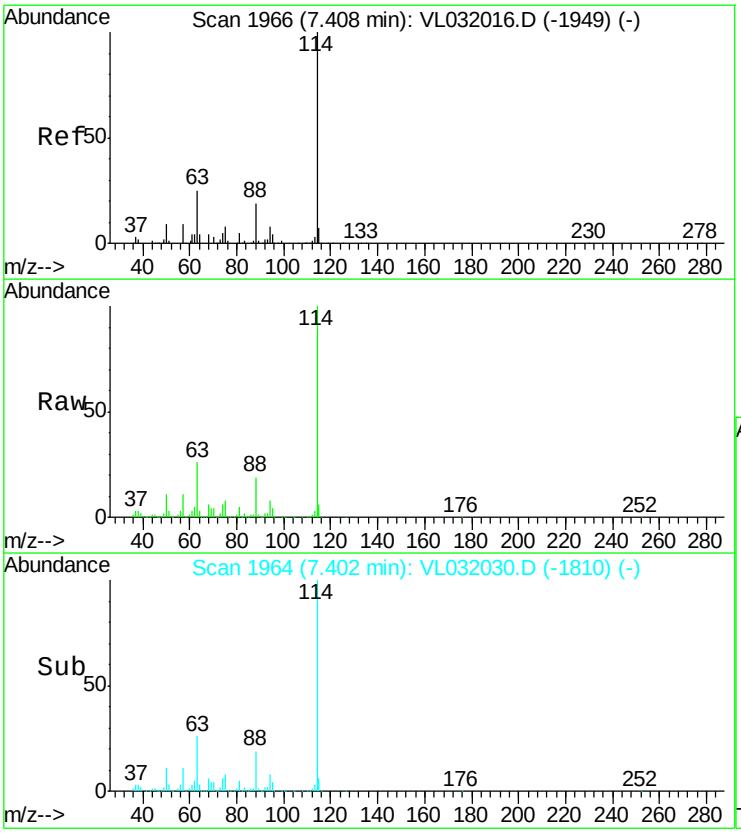
#29
Chloroform
Concen: 0.10 ppbv
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 83 Resp: 21782

Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.9	76.3

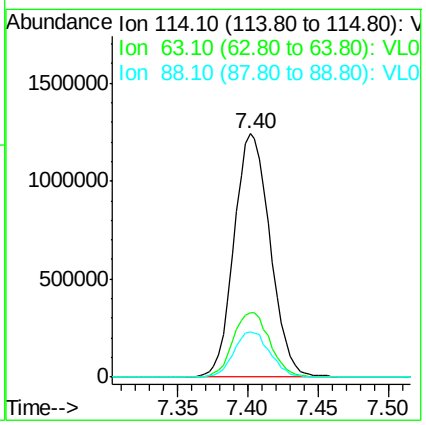


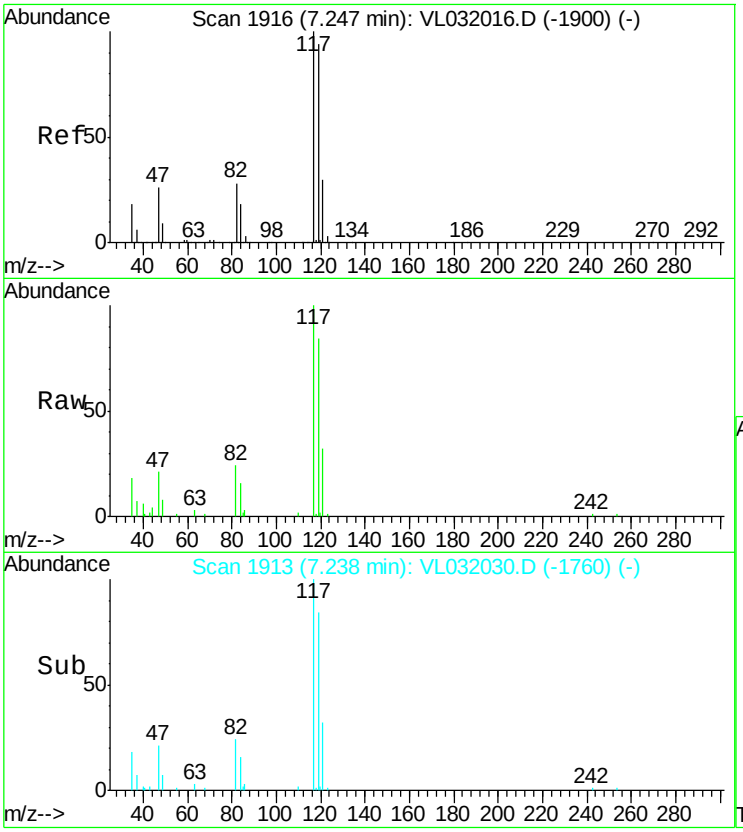


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.40 min Scan# 1964
Delta R.T. -0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion:114 Resp: 2232053

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.1	31.7
88	18.5	14.8	22.2



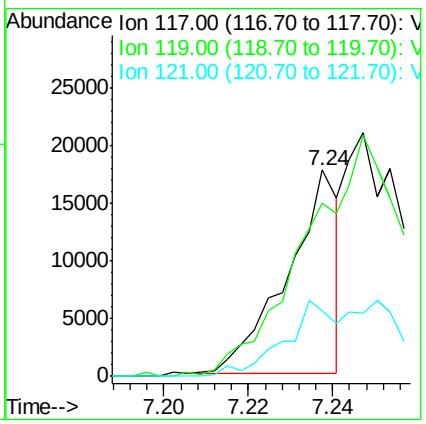


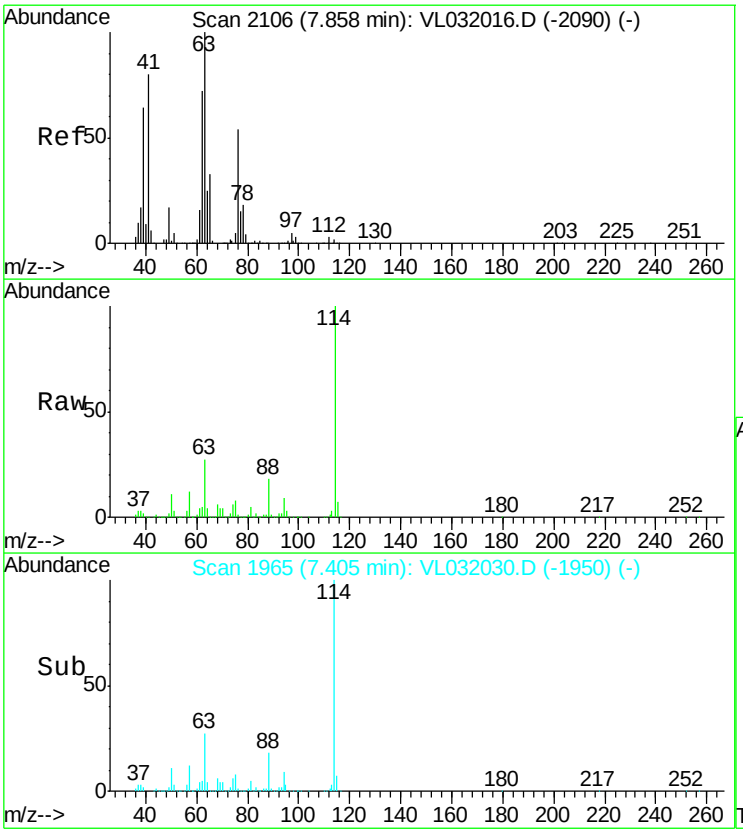
#35
Carbon Tetrachloride
Concen: 0.08 ppbv
RT: 7.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:117 Resp: 14910

Ion	Ratio	Lower	Upper
117	100		
119	83.3	75.3	112.9
121	32.0	24.1	36.1

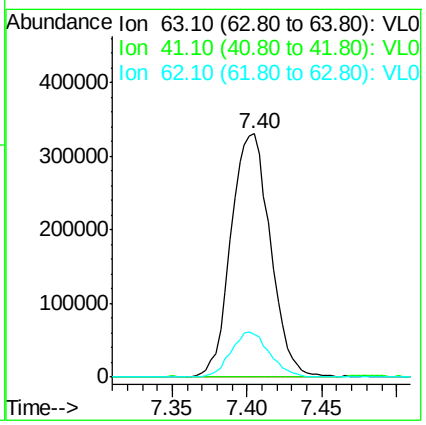


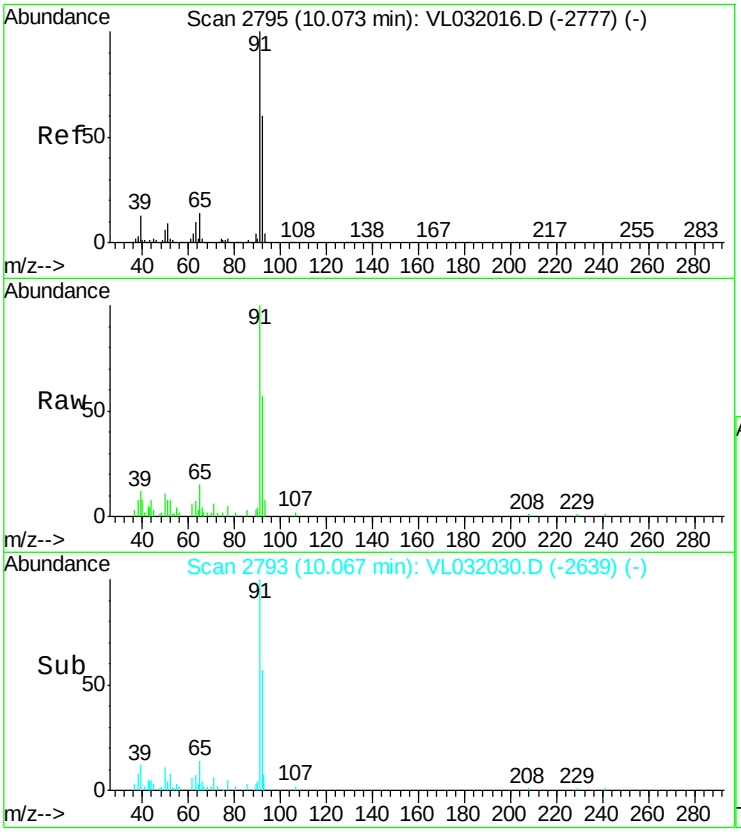


#39
1,2-Dichloropropane
Concen: 8.35 ppbv
RT: 7.40 min Scan# 1965
Delta R.T. -0.45 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion: 63 Resp: 603816

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.0	96.0#
62	17.3	57.6	86.4#



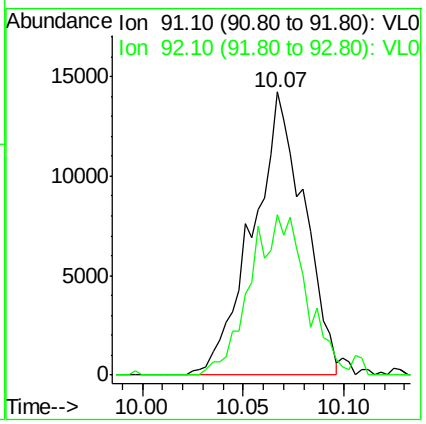


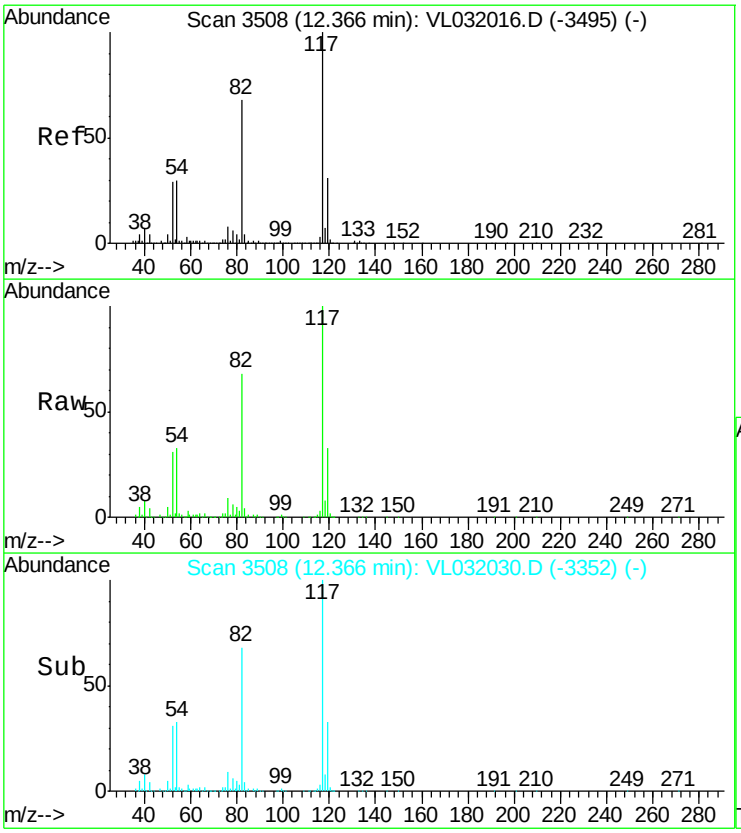
#53
Toluene
Concen: 0.12 ppbv
RT: 10.07 min Scan# 2793
Delta R.T. -0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument : MSVOA_L
ClientSampleId : SS-1

Tgt Ion: 91 Resp: 25282

Ion	Ratio	Lower	Upper
91	100		
92	62.8	48.2	72.2

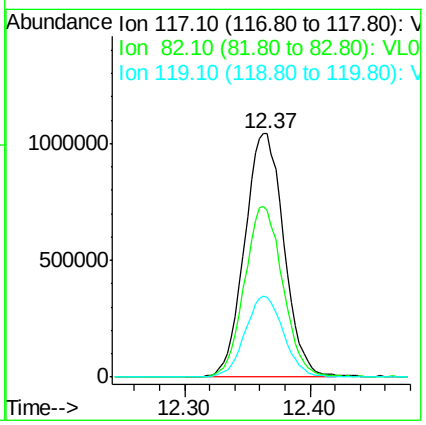


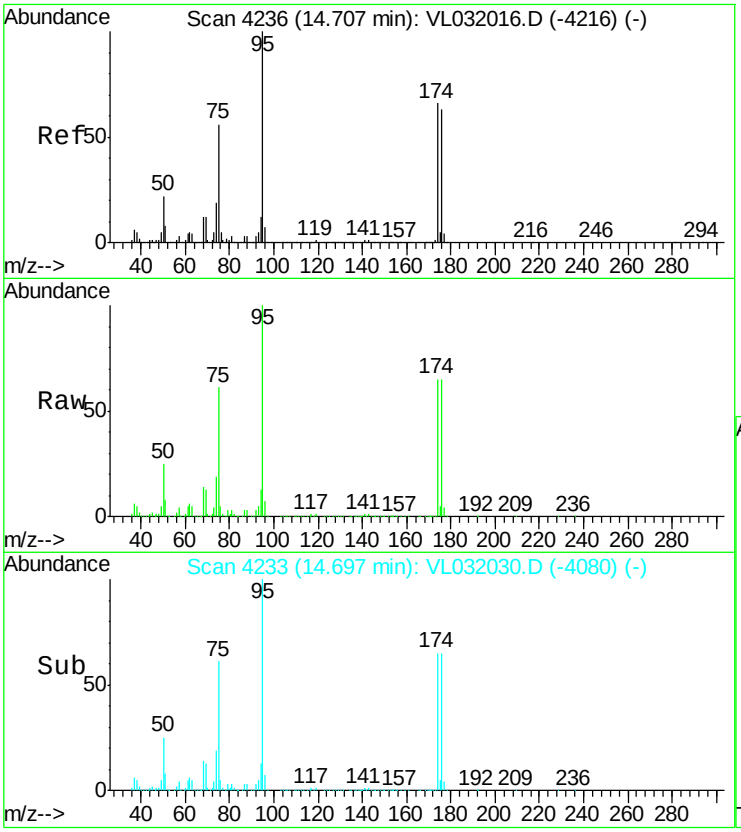


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.37 min Scan# 3508
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion:117 Resp: 2266406

Ion	Ratio	Lower	Upper
117	100		
82	69.0	52.7	79.1
119	32.6	25.5	38.3



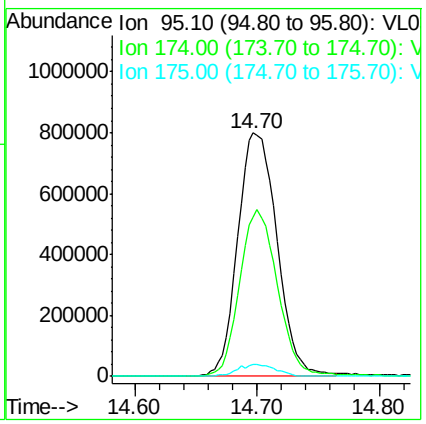


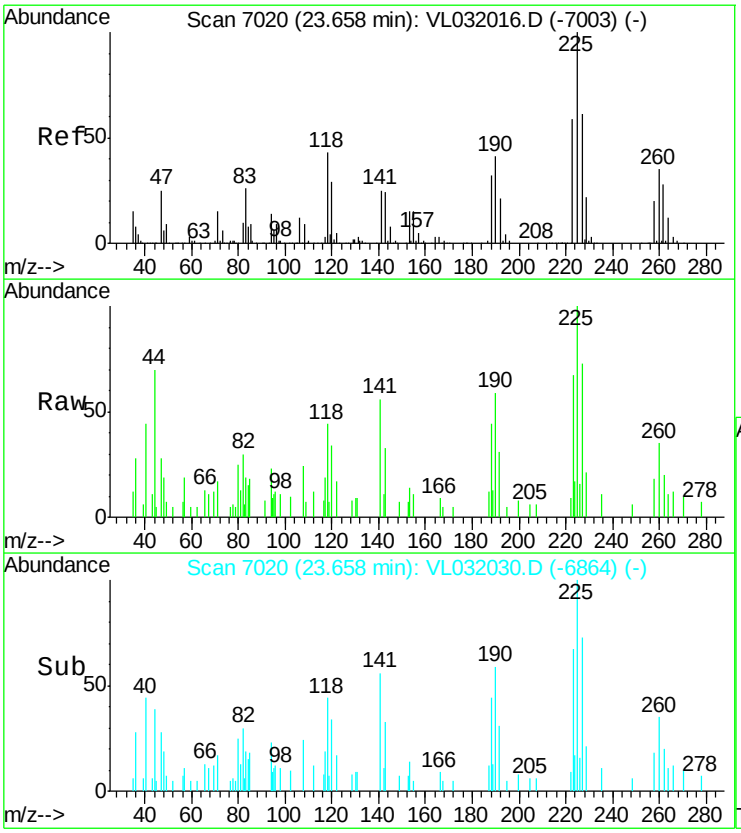
#68
1-Bromo-4-Fluorobenzene
Concen: 10.17 ppbv
RT: 14.70 min Scan# 4233
Delta R.T. -0.01 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 95 Resp: 1780184

Ion	Ratio	Lower	Upper
95	100		
174	66.8	53.2	79.8
175	4.8	3.7	5.5

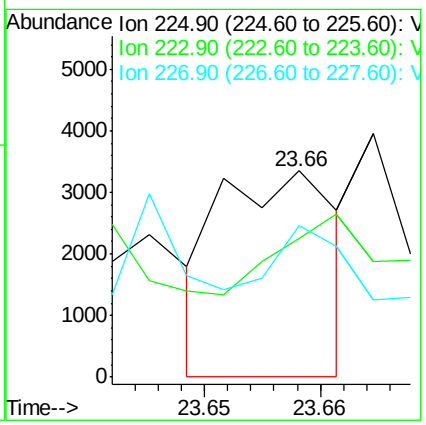


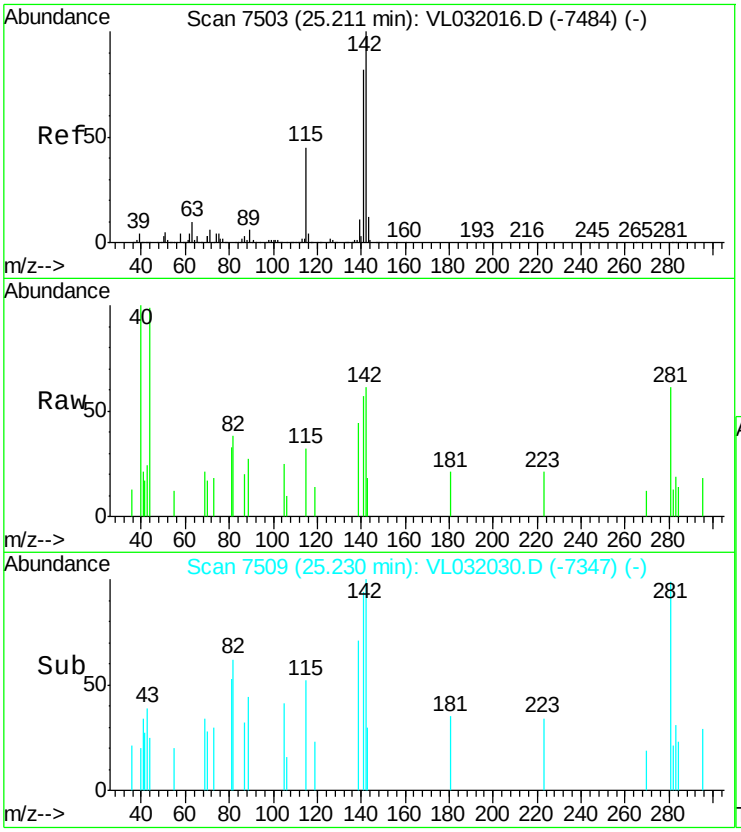


#78
Hexachloro-1,3-Butadiene
Concen: 0.03 ppbv
RT: 23.66 min Scan# 7020
Delta R.T. 0.00 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Tgt Ion:225 Resp: 2324

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.4	74.2#
227	0.0	51.2	76.8#





#80
Naphthalene,2-methyl-
Concen: 0.05 ppbv
RT: 25.23 min Scan# 7509
Delta R.T. 0.02 min
Lab File: VL032030.D
Acq: 1 Jun 2018 20:55

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:142 Resp: 1964

Ion	Ratio	Lower	Upper
142	100		
141	12.1	67.4	101.2#
115	21.4	35.3	52.9#