Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031975.D
Acq On : 3 May 2018 23:22
Operator : SY/AP
Sample : J2629-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA3

Quant Time: May 04 03:28:29 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.88	49	1119184	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2253270	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2175157	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	1730489	10.26	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	32500	0.22	ppbv		93
3) Chlorodifluoromethane	3.10	51	154392	1.47	ppbv	#	86
4) Chloromethane	3.25	50	29638	0.53	ppbv		95
7) Chloroethane	3.69	64	280	0.01	ppbv	#	38
8) Dichlorotetrafluoroethane	3.31	85	2467	0.02	ppbv		98
9) Propene	3.13	41	15965	0.41	ppbv		88
10) Heptane	8.38	43	10342	0.08	ppbv	#	27
11) Trichlorofluoromethane	4.11	101	34931	0.20	ppbv	#	81
12) 1,1,2-Trichlorotrifluoroet	4.66	101	5725	0.05	ppbv	#	34
13) Ethanol	3.75	45	3978226	276.05	ppbv	#	100
15) Acetone	4.00	43	763522	4.83	ppbv		99
16) 1,3-Butadiene	3.43	39	9188	0.18	ppbv	#	17
17) tert-Butyl alcohol	4.13	59	25495	0.39	ppbv		99
19) Isopropyl Alcohol	4.13	45	717961	8.39	ppbv	#	99
20) Methylene Chloride	4.52	84	405488	7.59	ppbv		95
21) Allyl Chloride	4.53	41	4048	0.04	ppbv	#	31
23) Vinyl Acetate	5.26	43	75701	0.42	ppbv	#	69
25) Ethyl Acetate	5.89	43	466983	1.72	ppbv	#	93
26) Hexane	5.90	57	384497	3.01	ppbv	#	63
29) Chloroform	5.97	83	4689	0.02	ppbv		98
30) Cyclohexane	7.39	84	11153	0.13	ppbv	#	1
31) cis-1,2-Dichloroethene	5.88	61	29319	0.25	ppbv	#	30
34) 2-Butanone	5.45	43	118897	0.64	ppbv		96
35) Carbon Tetrachloride	7.27	117	4298	0.02	ppbv	#	45
36) Benzene	7.14	78	8293	0.04	ppbv		95
37) 1,2-Dichloroethane	6.54	62	7369	0.05	ppbv	#	96
39) 1,2-Dichloropropane	7.42	63	597661	8.09	ppbv	#	25
41) Tetrahydrofuran	6.28	42	2411	0.03	ppbv	#	35
44) 2,2,4-Trimethylpentane	8.13	57	4221	0.01	ppbv	#	1
52) Tetrachloroethene	11.52	164	1844	0.02	ppbv	#	7
53) Toluene	10.10	91	158371	0.69	ppbv		98
57) Chlorobenzene	12.45	112	2157	0.01	ppbv	#	42
58) Ethyl Benzene	13.01	91	56605	0.18	ppbv		93
59) m/p-Xylene	13.27	91	114197	0.43	ppbv	#	34
60) o-Xylene	14.00	91	50017	0.19	ppbv	#	51
61) Styrene	13.84	104	2398	0.04	ppbv	#	1
65) tert-Butylbenzene	17.07	119	3674	0.01	ppbv	#	18
69) p-Isopropyltoluene	17.96	119	4219	0.01	ppbv	#	47
72) 4-Ethyltoluene	16.15	105	7945	0.03	ppbv	#	41
73) 1,3,5-Trimethylbenzene	16.31	105	5490	0.02	ppbv		93
74) 1,2,4-Trimethylbenzene	17.08	105	14387	0.05	ppbv	#	86

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031975.D
Acq On : 3 May 2018 23:22
Operator : SY/AP
Sample : J2629-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA3

Quant Time: May 04 03:28:29 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.58	128	2159	0.01	ppbv #	63
80) Naphthalene,2-methyl-	25.23	142	1282	0.03	ppbv #	85

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

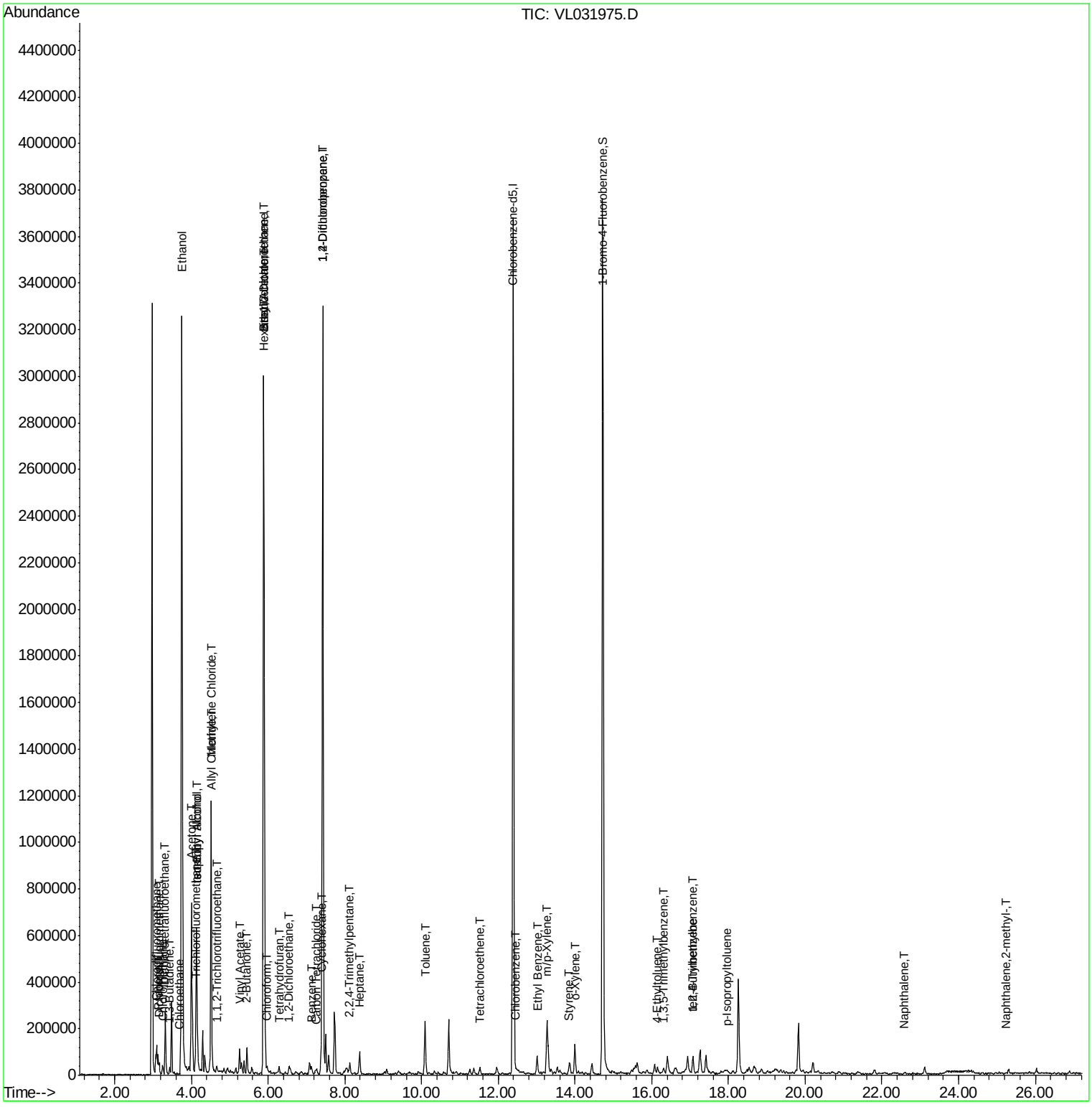
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

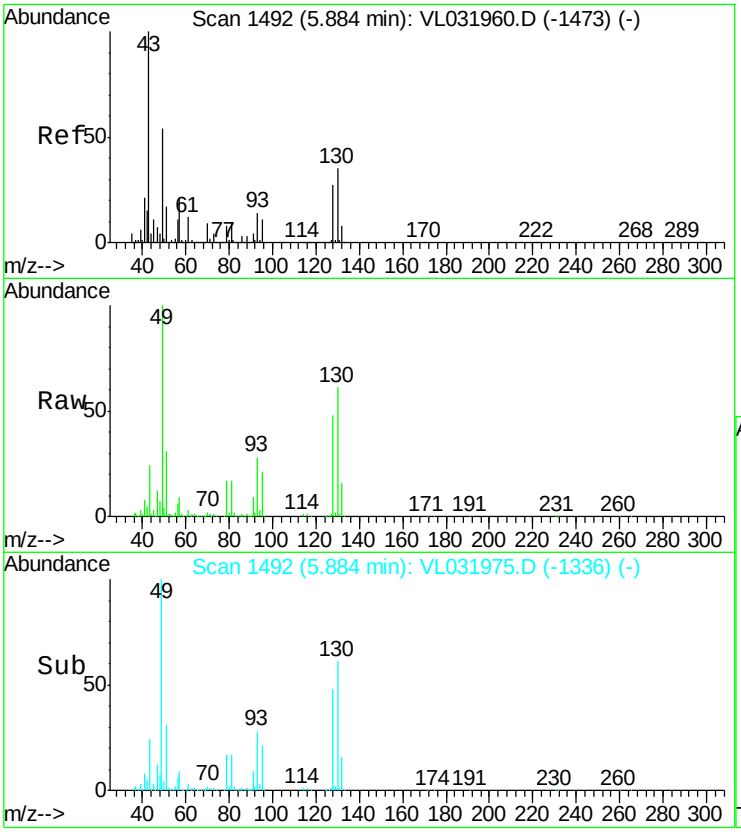
Quantitation Report (Not Reviewed)

Data File : VL031975.D
Acq On : 3 May 2018 23:22
Operator : SY/AP
Sample : J2629-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA3

Quant Time: May 04 03:28:29 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration



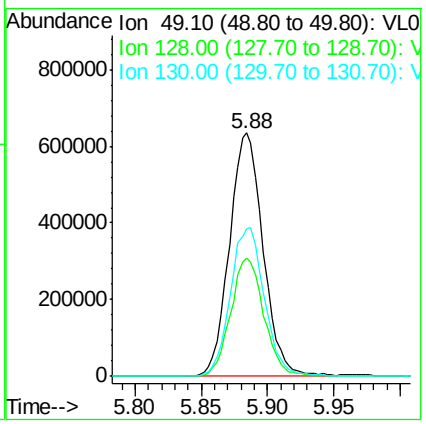


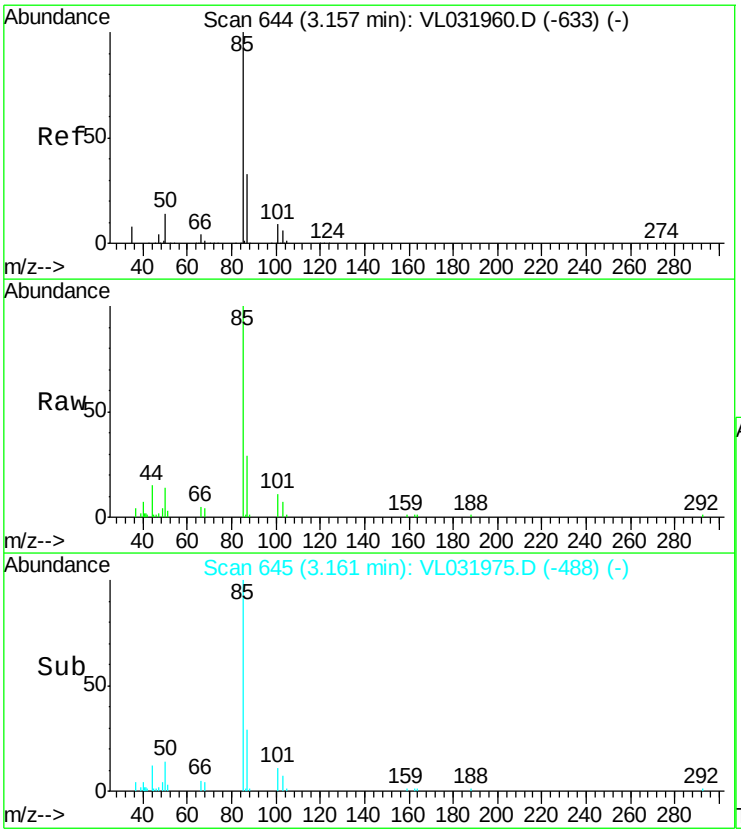
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion: 49 Resp: 1119184

Ion	Ratio	Lower	Upper
49	100		
128	48.3	24.1	72.3
130	62.3	30.7	92.1

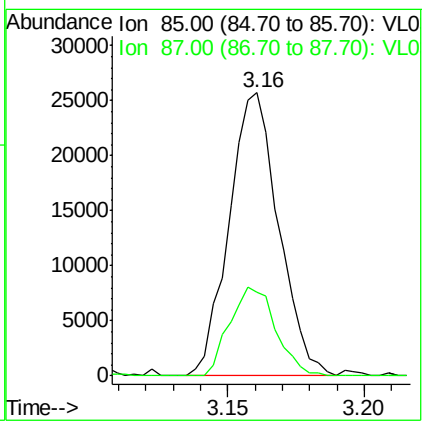


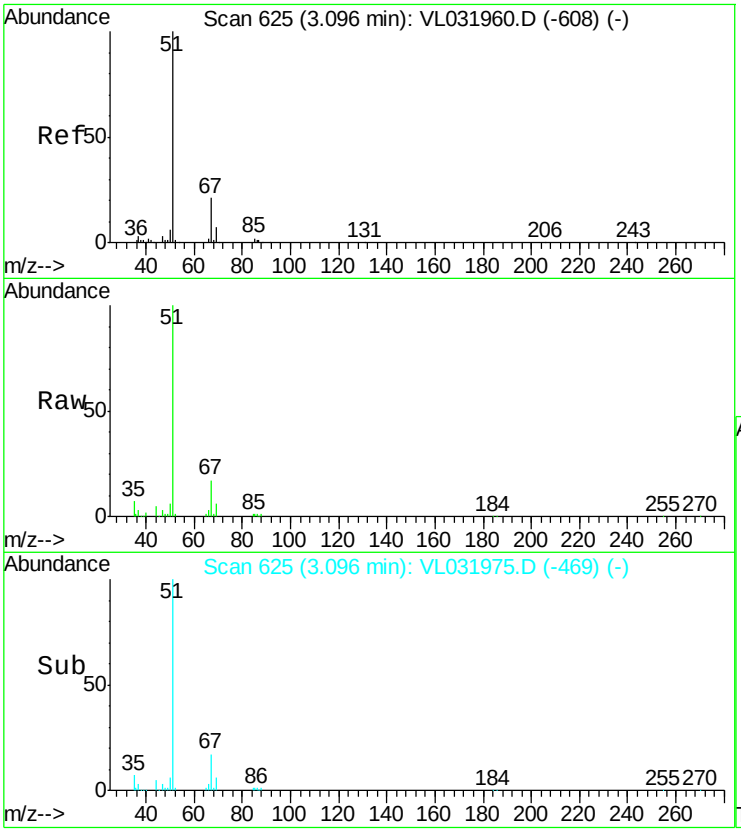


#2
Dichlorodifluoromethane
Concen: 0.22 ppbv
RT: 3.16 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 85 Resp: 32500

Ion	Ratio	Lower	Upper
85	100		
87	29.5	26.8	40.2



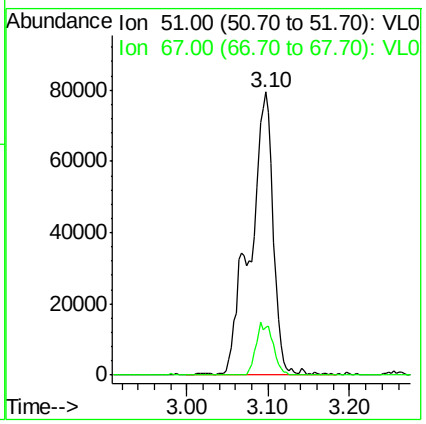


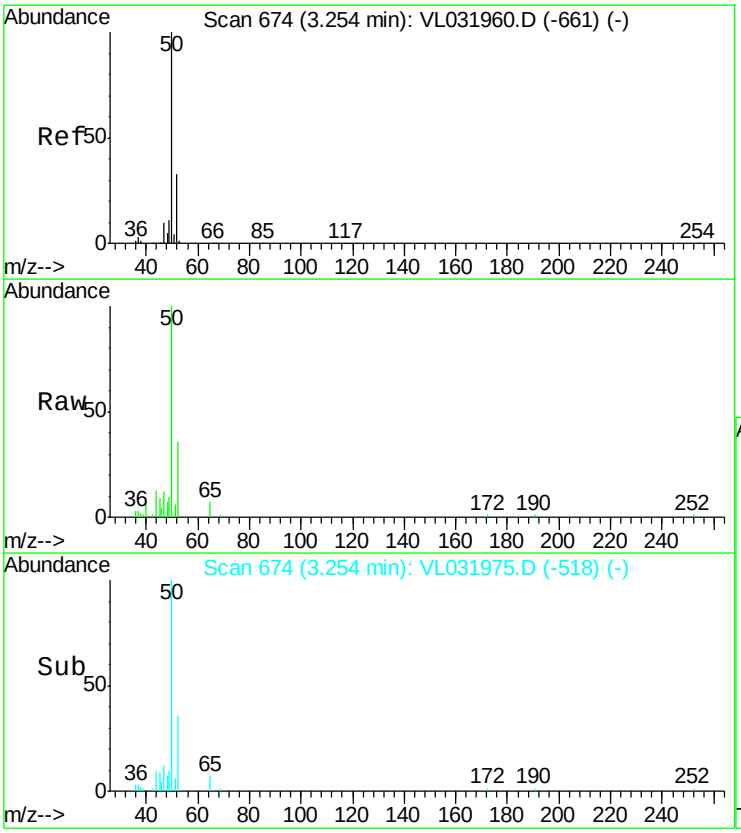
#3
Chlorodifluoromethane
Concen: 1.47 ppbv
RT: 3.10 min Scan# 625
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion: 51 Resp: 154392

Ion	Ratio	Lower	Upper
51	100		
67	13.4	15.9	23.9#

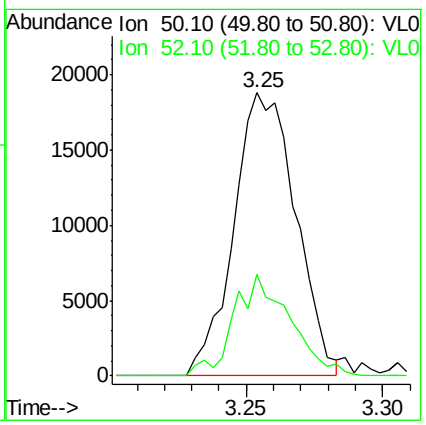


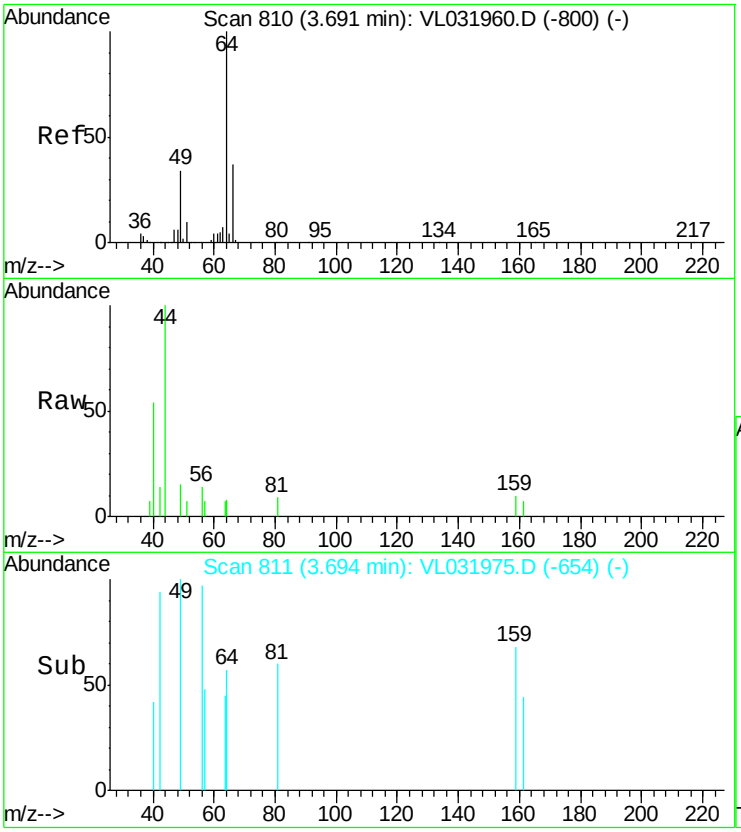


#4
Chloromethane
Concen: 0.53 ppbv
RT: 3.25 min Scan# 674
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 50 Resp: 29638

Ion	Ratio	Lower	Upper
50	100		
52	36.1	26.6	39.8



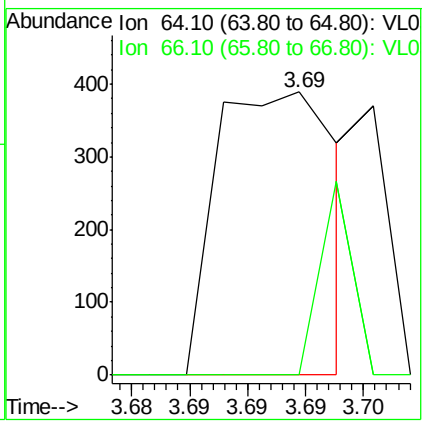


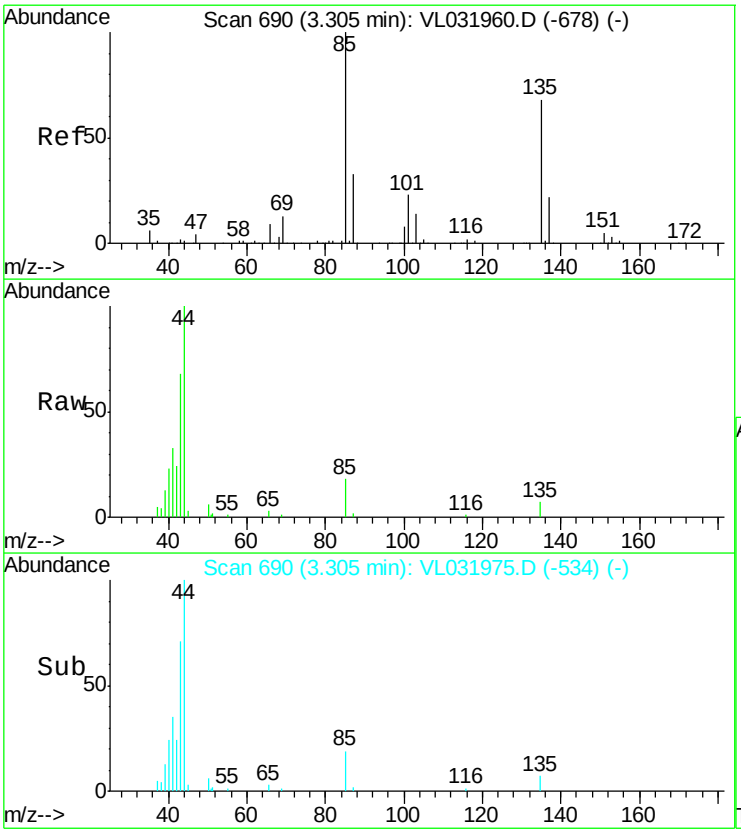
#7
Chloroethane
Concen: 0.01 ppbv
RT: 3.69 min Scan# 811
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 64 Resp: 280

Ion	Ratio	Lower	Upper
64	100		
66	0.0	29.6	44.4#

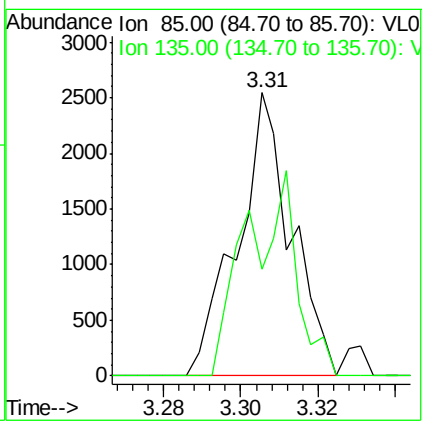


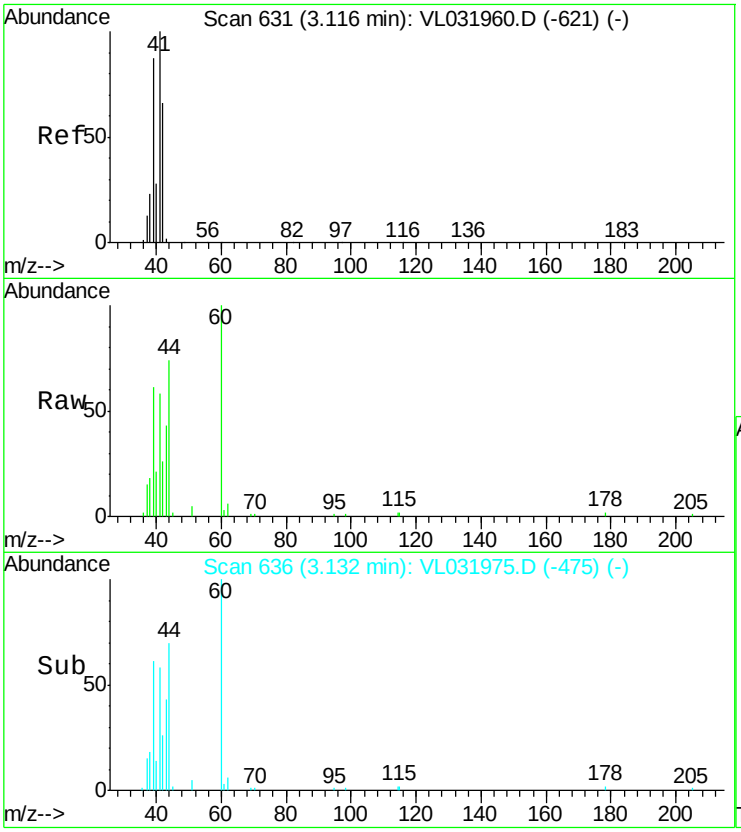


#8
Dichlorotetrafluoroethane
Concen: 0.02 ppbv
RT: 3.31 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 85 Resp: 2467

Ion	Ratio	Lower	Upper
85	100		
135	66.8	54.8	82.2



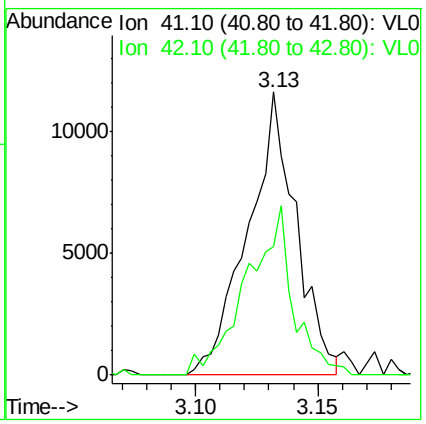


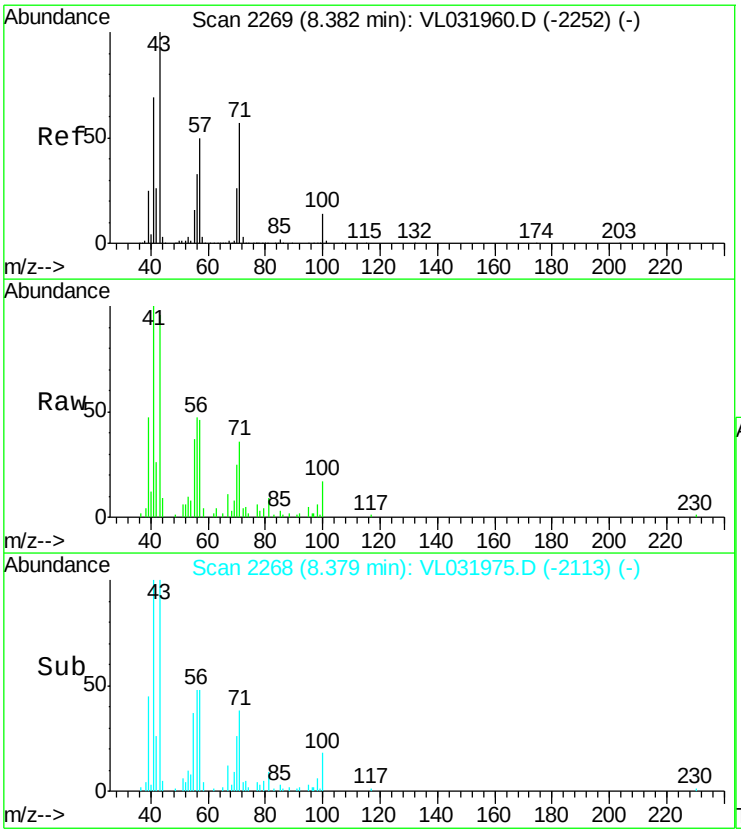
#9
Propene
Concen: 0.41 ppbv
RT: 3.13 min Scan# 636
Delta R.T. 0.02 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 41 Resp: 15965

Ion	Ratio	Lower	Upper
41	100		
42	57.7	53.9	80.9

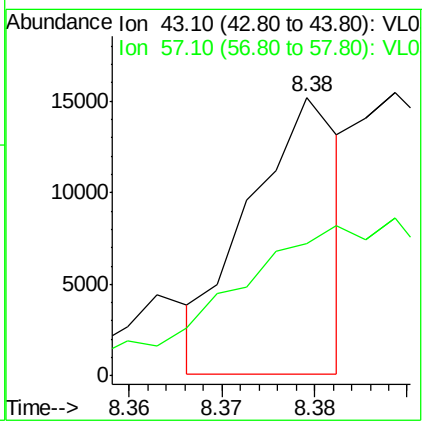


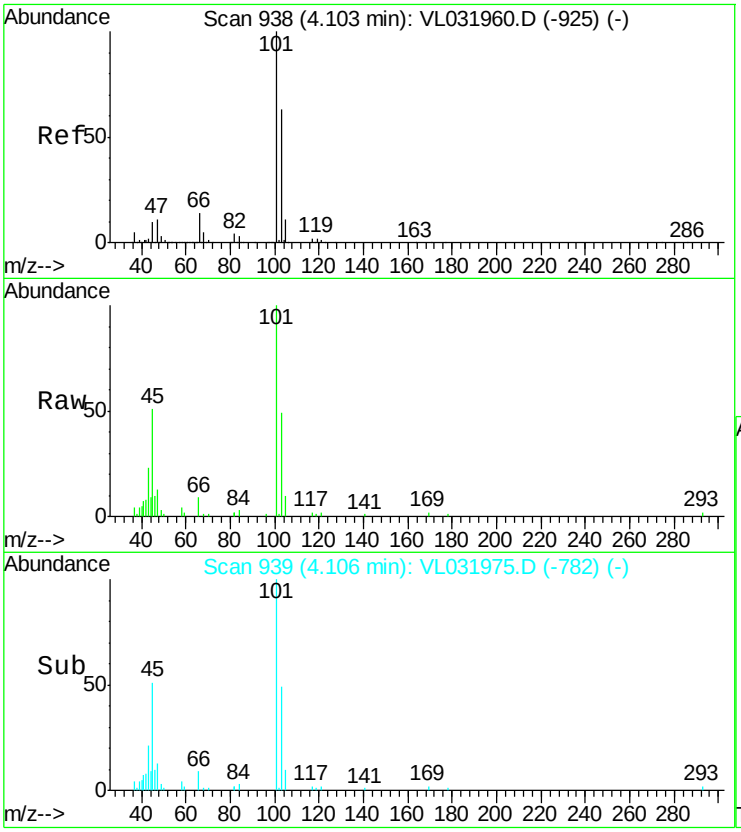


#10
Heptane
Concen: 0.08 ppbv
RT: 8.38 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 43 Resp: 10342

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.7	61.1#



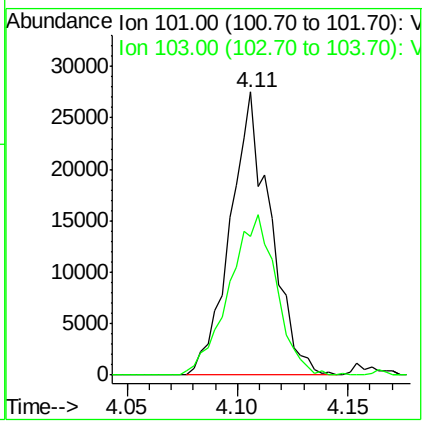


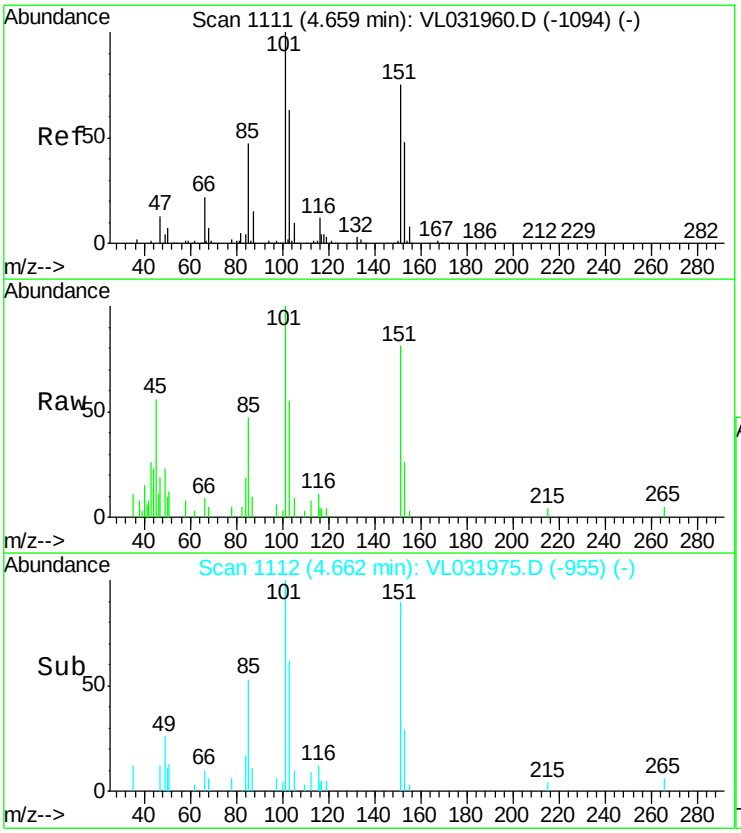
#11
Trichlorofluoromethane
Concen: 0.20 ppbv
RT: 4.11 min Scan# 939
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion:101 Resp: 34931

Ion	Ratio	Lower	Upper
101	100		
103	48.9	50.7	76.1#

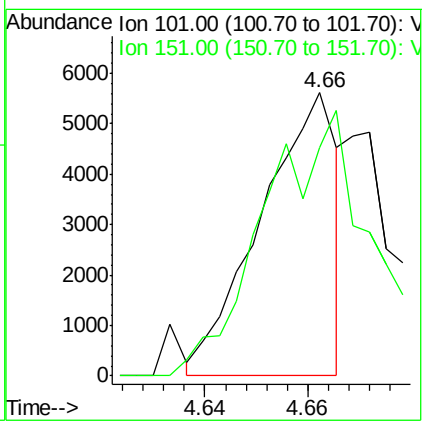


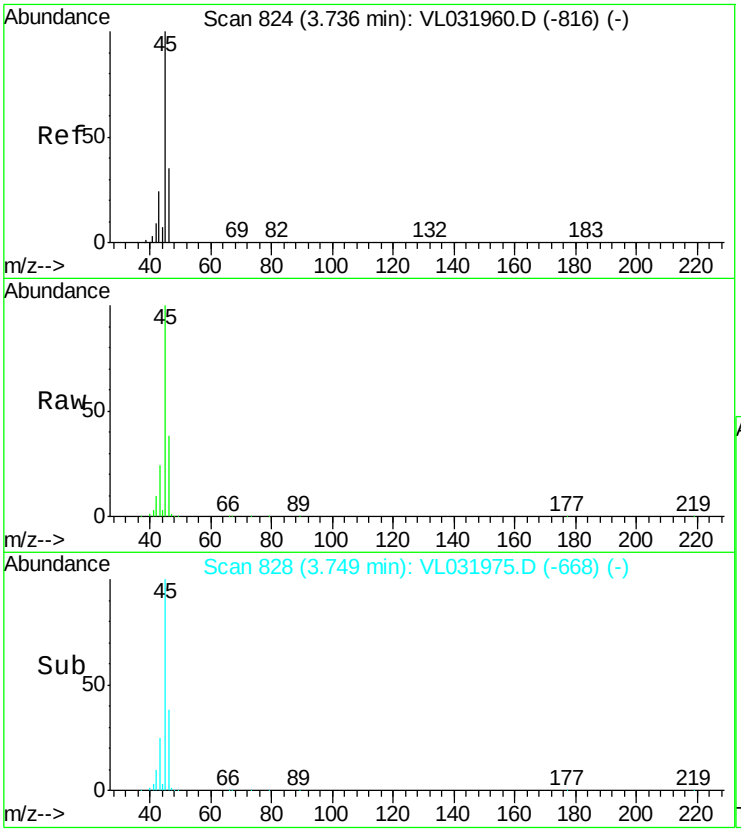


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.05 ppbv
RT: 4.66 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:101 Resp: 5725

Ion	Ratio	Lower	Upper
101	100		
151	131.5	60.2	90.2#



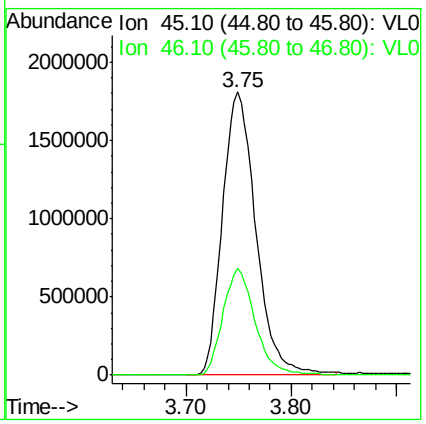


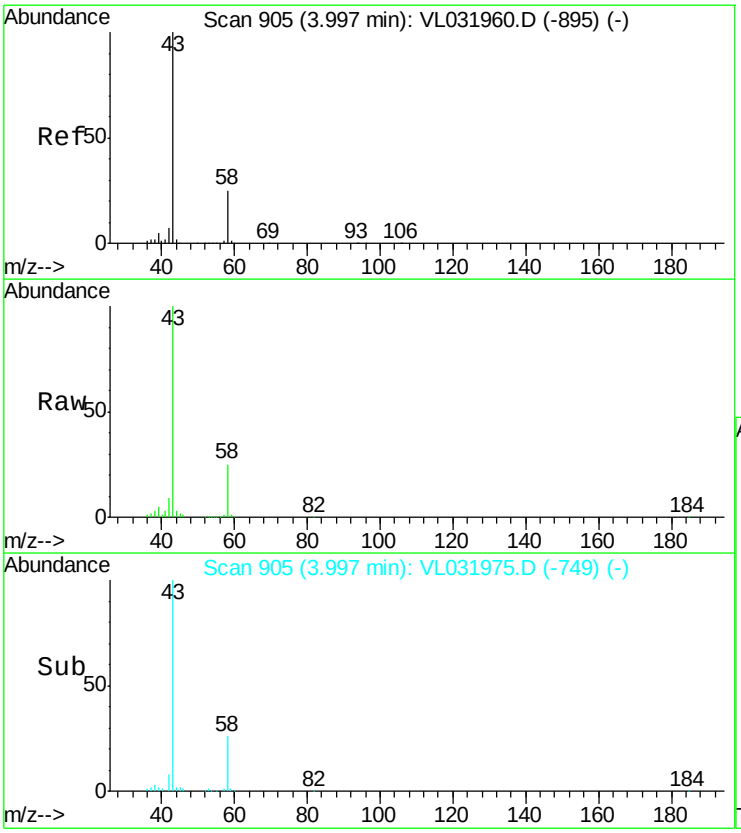
#13
Ethanol
Concen: 276.05 ppbv
RT: 3.75 min Scan# 828
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 45 Resp: 3978226

Ion	Ratio	Lower	Upper
45	100		
46	36.4	0.0	0.0#

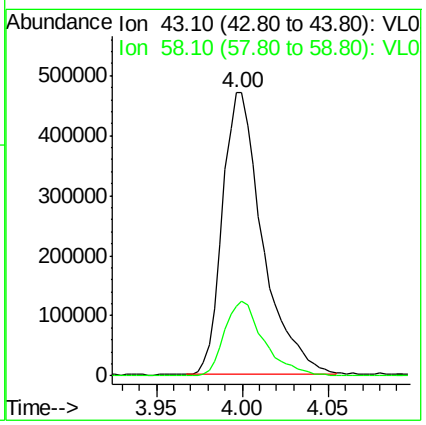


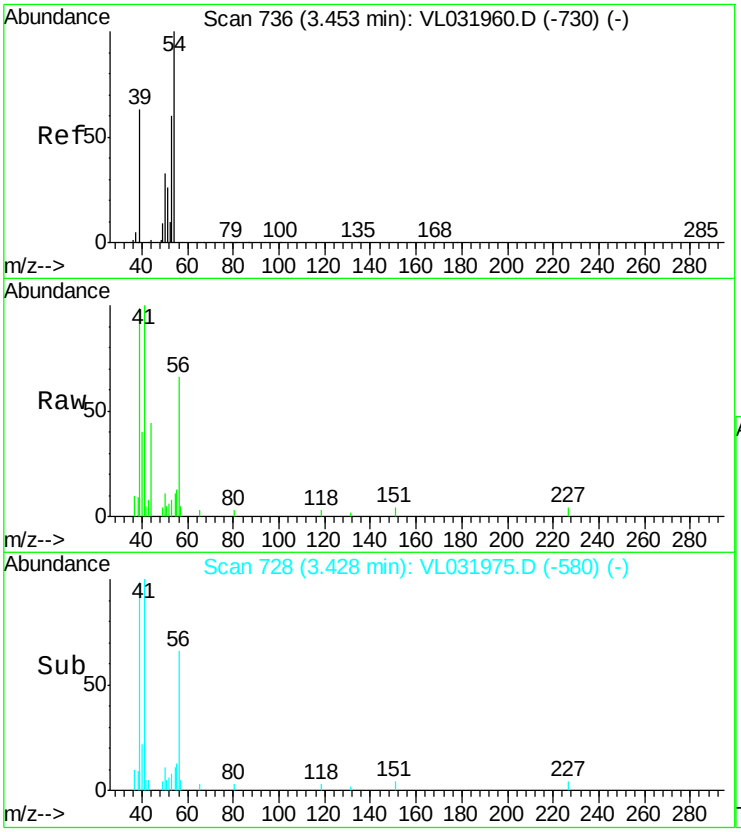


#15
Acetone
Concen: 4.83 ppbv
RT: 4.00 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 43 Resp: 763522

Ion	Ratio	Lower	Upper
43	100		
58	26.1	21.1	31.7



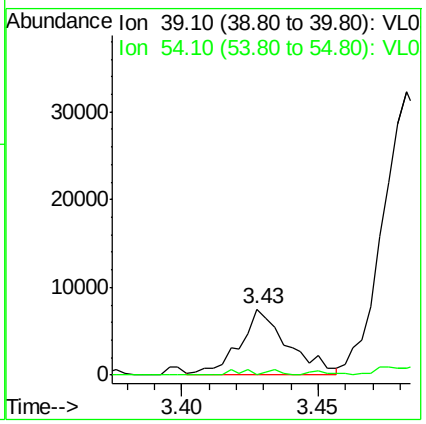


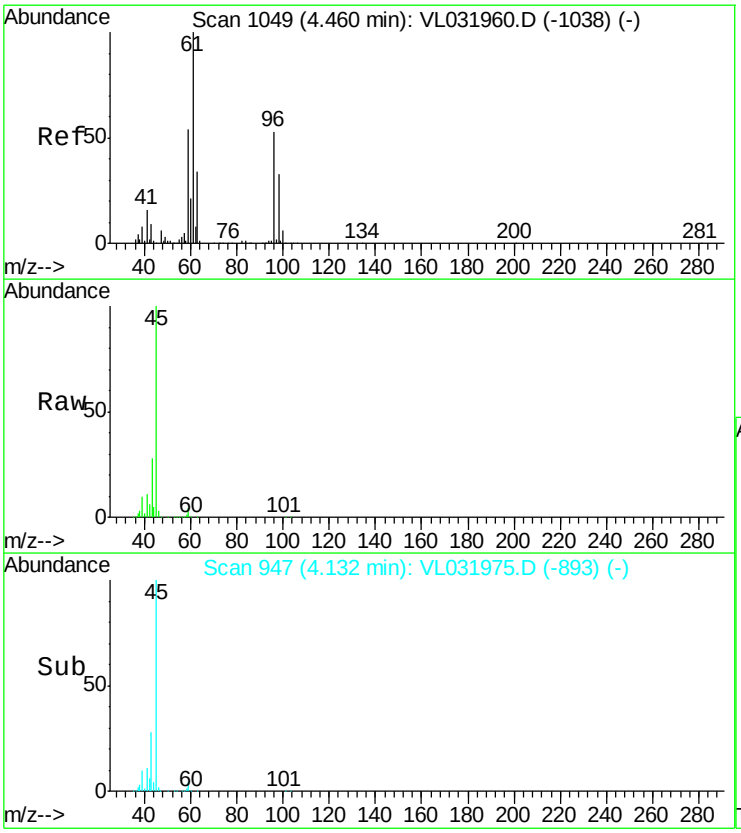
#16
1,3-Butadiene
Concen: 0.18 ppbv
RT: 3.43 min Scan# 728
Delta R.T. -0.03 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 39 Resp: 9188

Ion	Ratio	Lower	Upper
39	100		
54	8.5	66.2	99.2#

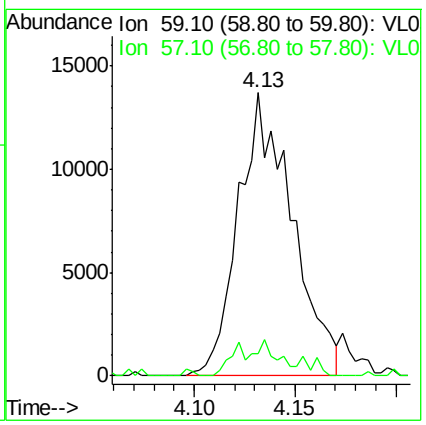


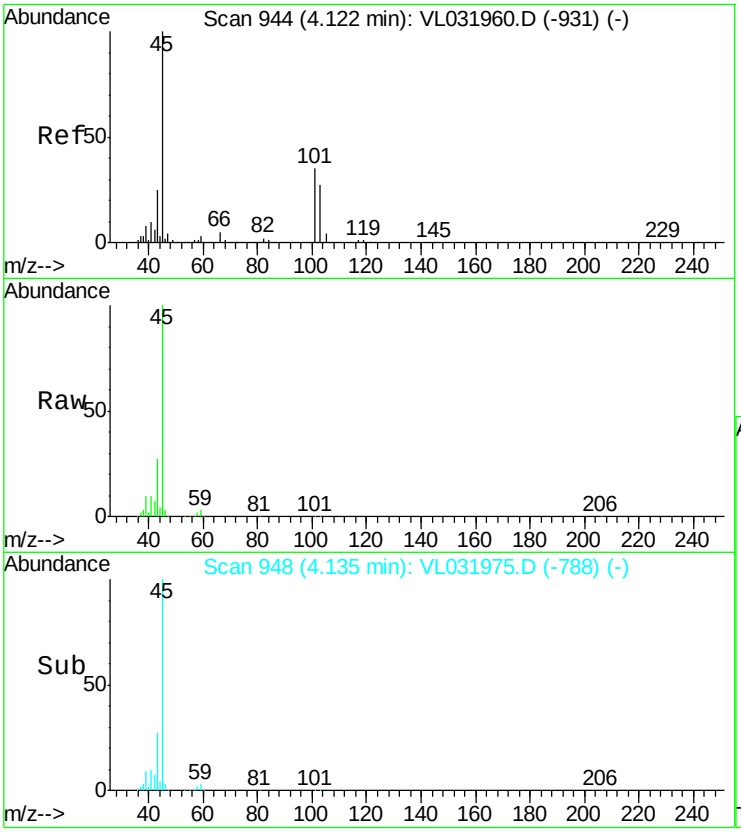


#17
tert-Butyl alcohol
Concen: 0.39 ppbv
RT: 4.13 min Scan# 947
Delta R.T. -0.33 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 59 Resp: 25495

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



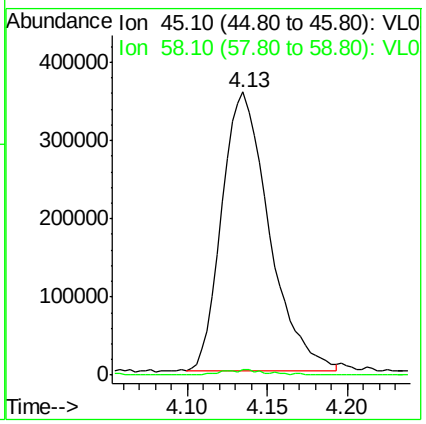


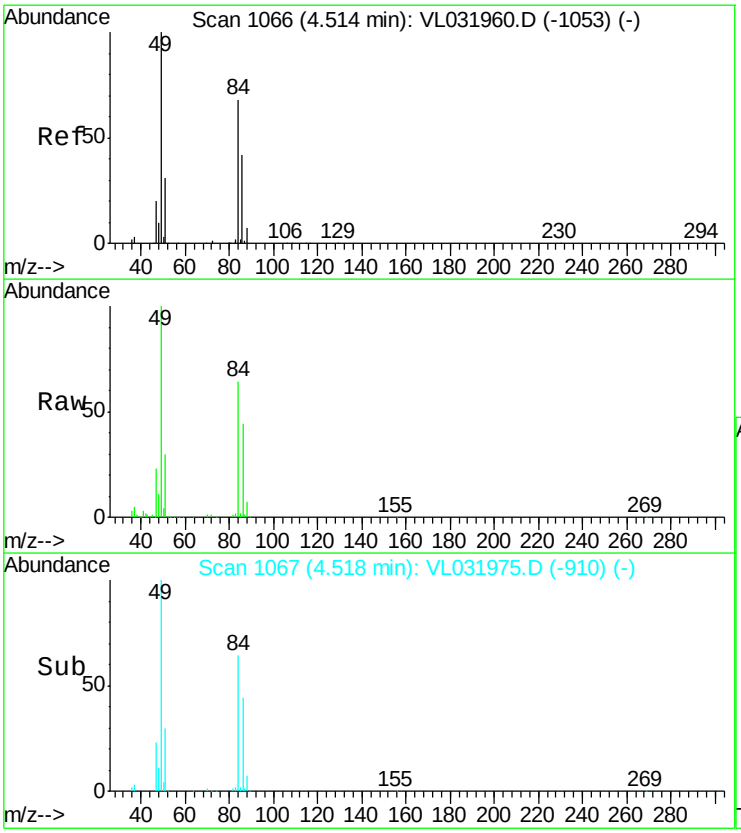
#19
Isopropyl Alcohol
Concen: 8.39 ppbv
RT: 4.13 min Scan# 948
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 45 Resp: 717961

Ion	Ratio	Lower	Upper
45	100		
58	2.3	1.4	2.2#

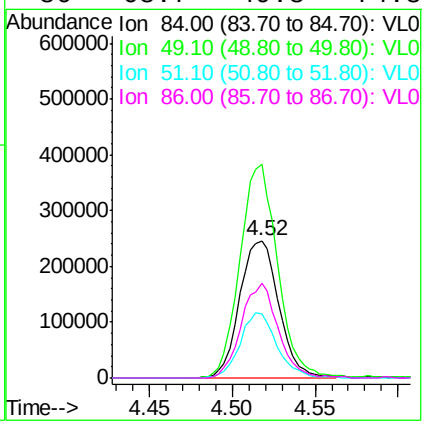


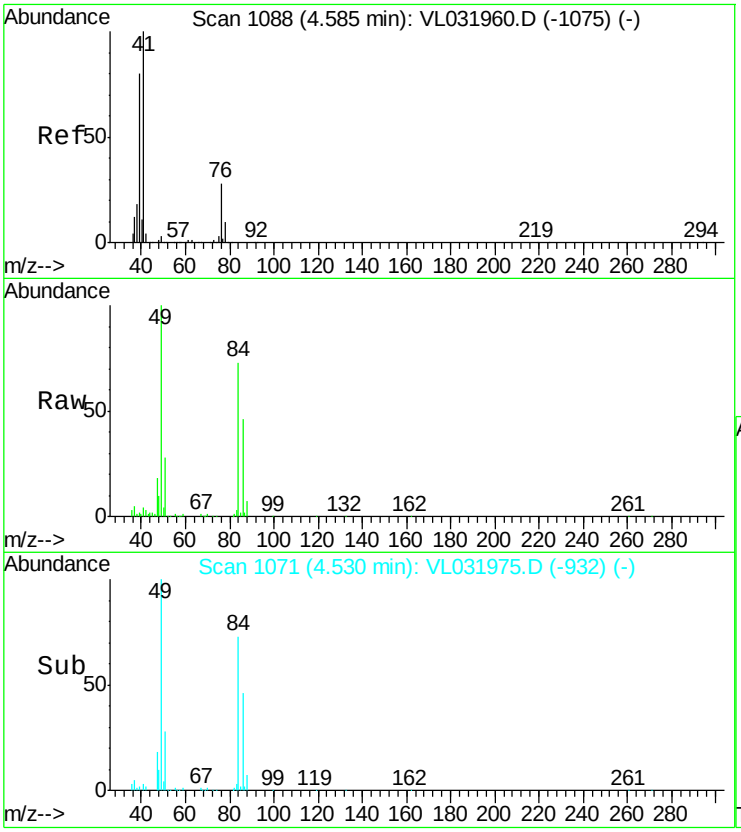


#20
Methylene Chloride
Concen: 7.59 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 84 Resp: 405488

Ion	Ratio	Lower	Upper
84	100		
49	155.3	118.6	178.0
51	46.1	36.6	54.8
86	68.7	49.8	74.8



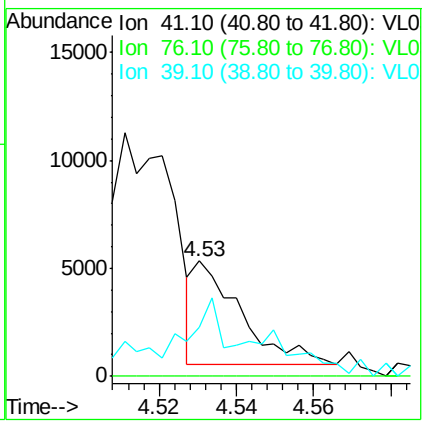


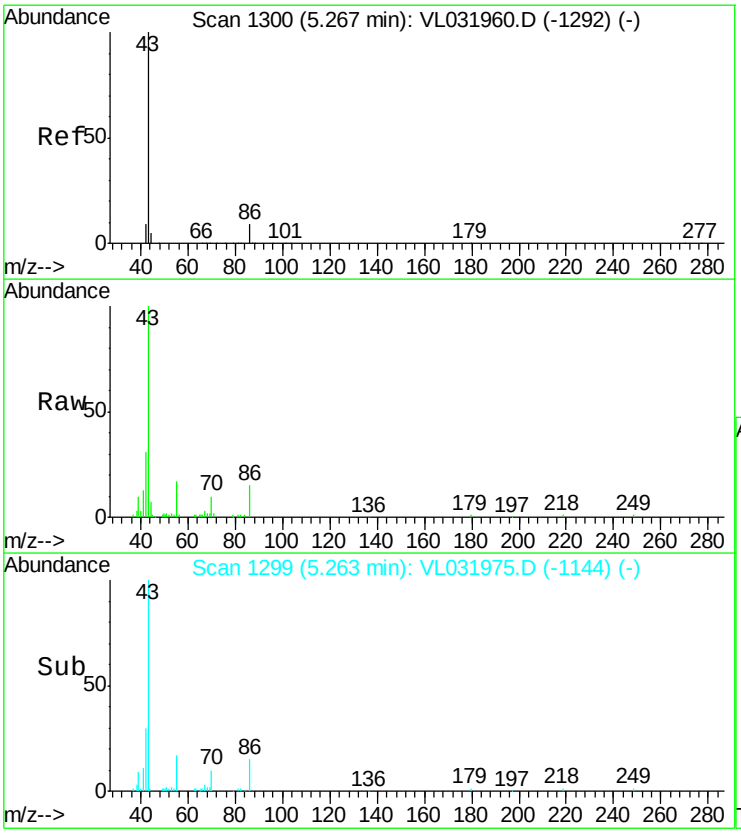
#21
Allyl Chloride
Concen: 0.04 ppbv
RT: 4.53 min Scan# 1071
Delta R.T. -0.05 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 41 Resp: 4048

Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.4	35.0#
39	146.3	64.5	96.7#

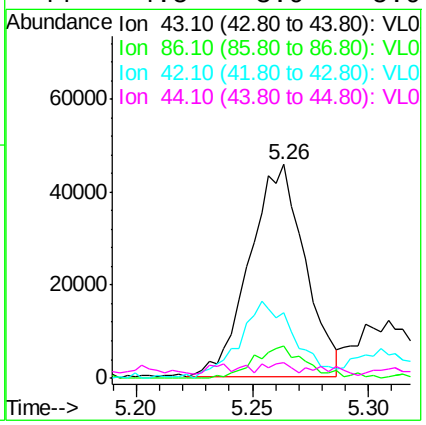


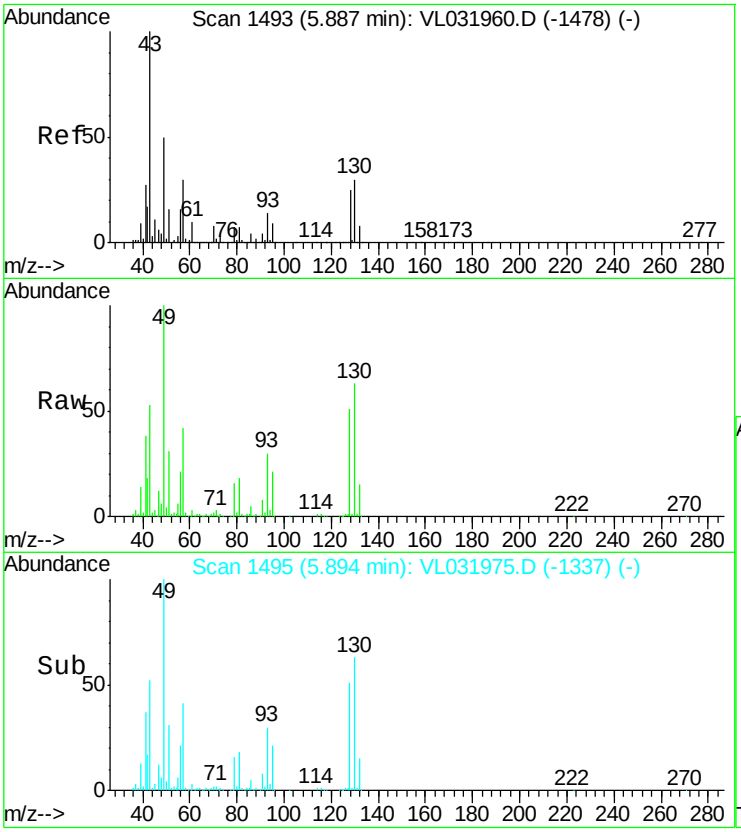


#23
Vinyl Acetate
Concen: 0.42 ppbv
RT: 5.26 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 43 Resp: 75701

Ion	Ratio	Lower	Upper
43	100		
86	15.0	6.1	9.1#
42	29.3	8.0	12.0#
44	4.5	3.9	5.9



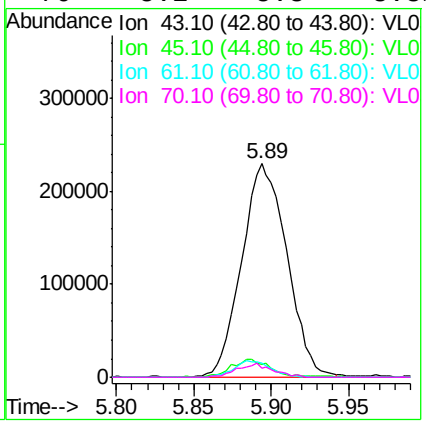


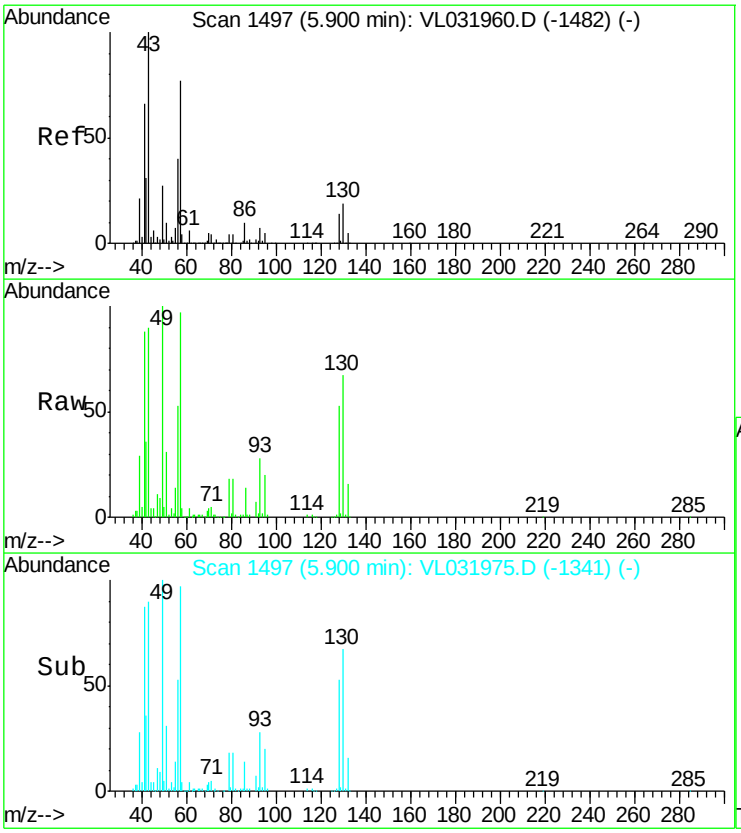
#25
Ethyl Acetate
Concen: 1.72 ppbv
RT: 5.89 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion: 43 Resp: 466983

Ion	Ratio	Lower	Upper
43	100		
45	7.5	7.8	11.6#
61	6.4	7.4	11.2#
70	5.2	5.8	8.8#

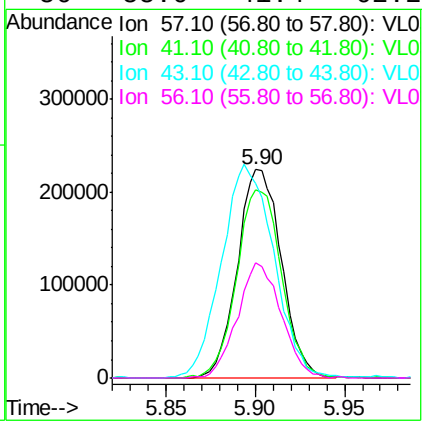


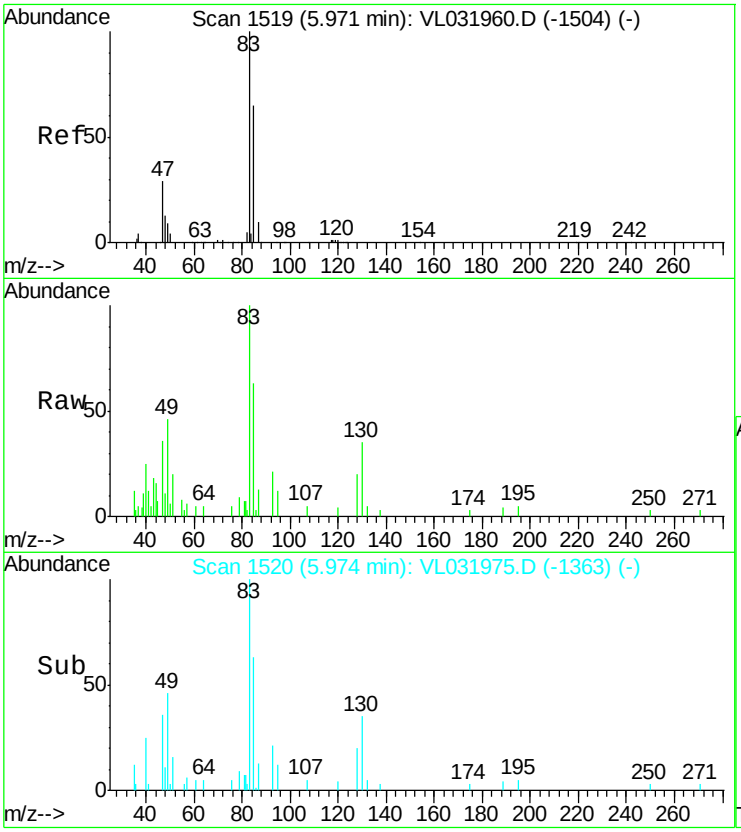


#26
Hexane
Concen: 3.01 ppbv
RT: 5.90 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 57 Resp: 384497

Ion	Ratio	Lower	Upper
57	100		
41	93.1	71.8	107.6
43	122.0	171.5	257.3#
56	55.0	41.4	62.2



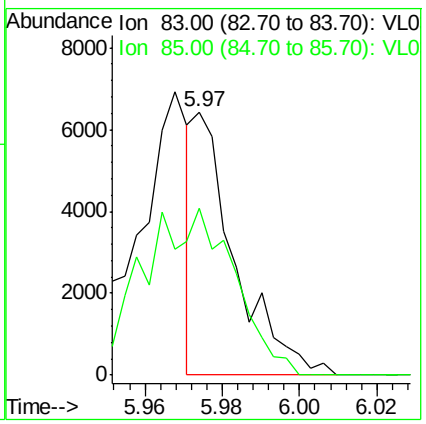


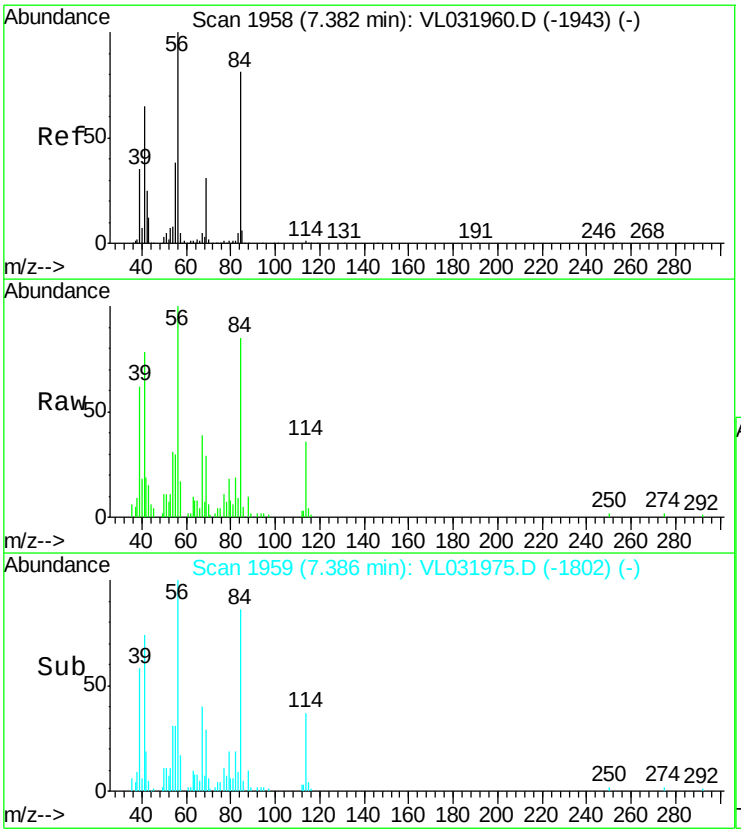
#29
Chloroform
Concen: 0.02 ppbv
RT: 5.97 min Scan# 1520
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 83 Resp: 4689

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.2

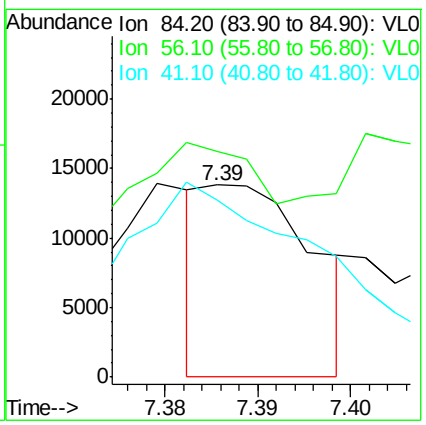


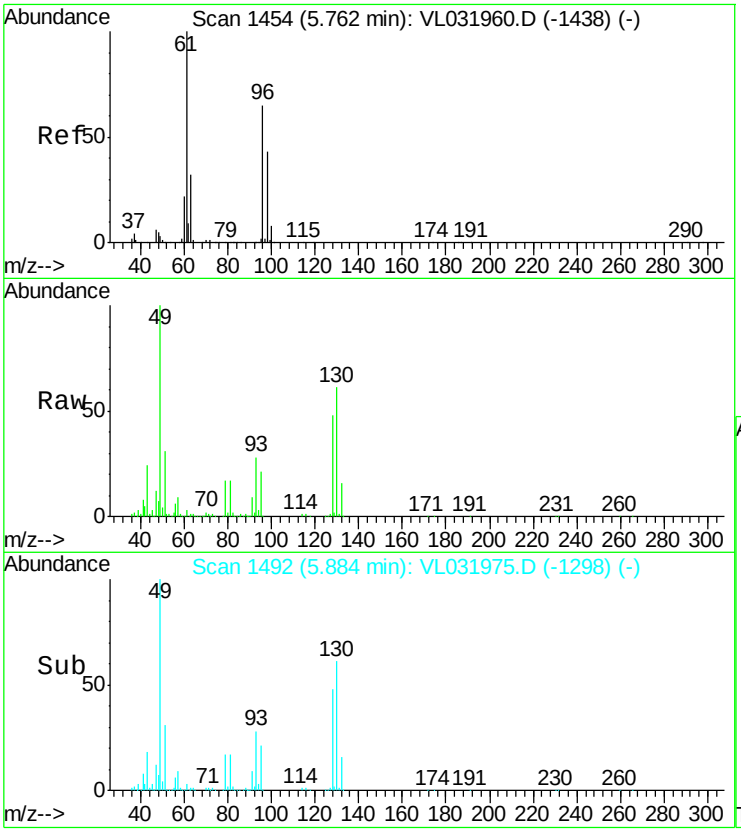


#30
Cyclohexane
Concen: 0.13 ppbv
RT: 7.39 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 84 Resp: 11153

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.0	162.0#
41	246.7	66.8	100.2#



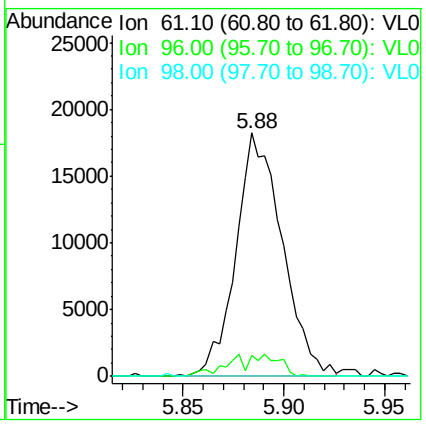


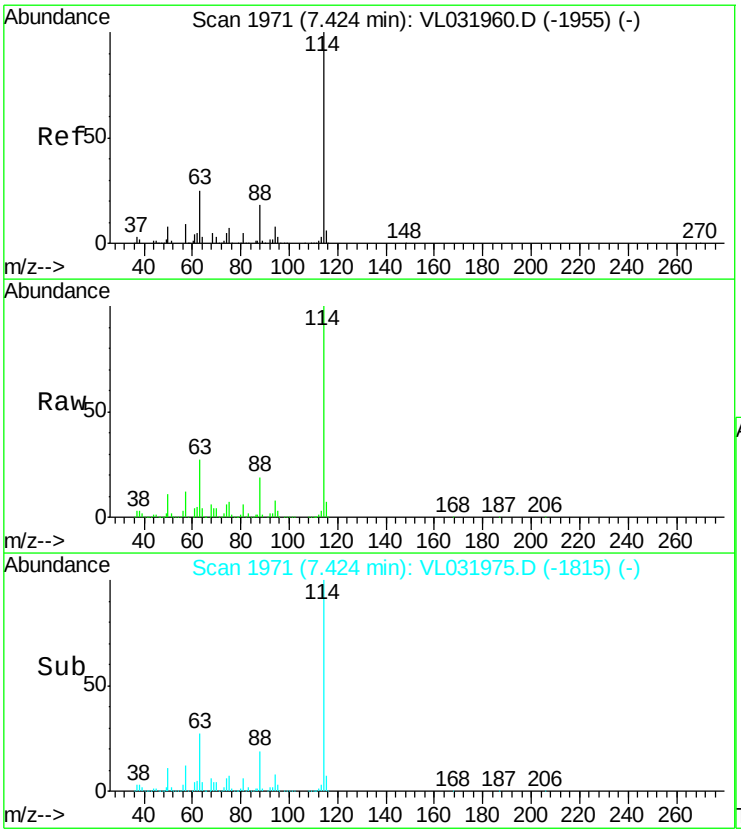
#31
cis-1,2-Dichloroethene
Concen: 0.25 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.12 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 61 Resp: 29319

Ion	Ratio	Lower	Upper
61	100		
96	8.7	51.8	77.6#
98	0.0	34.2	51.4#

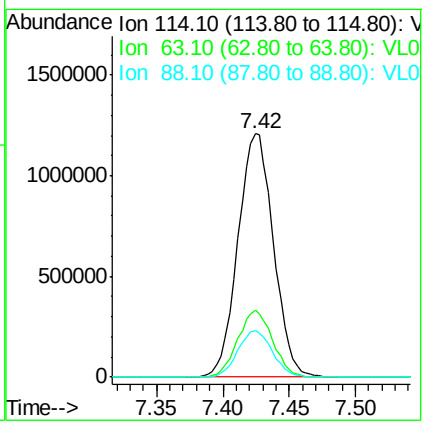


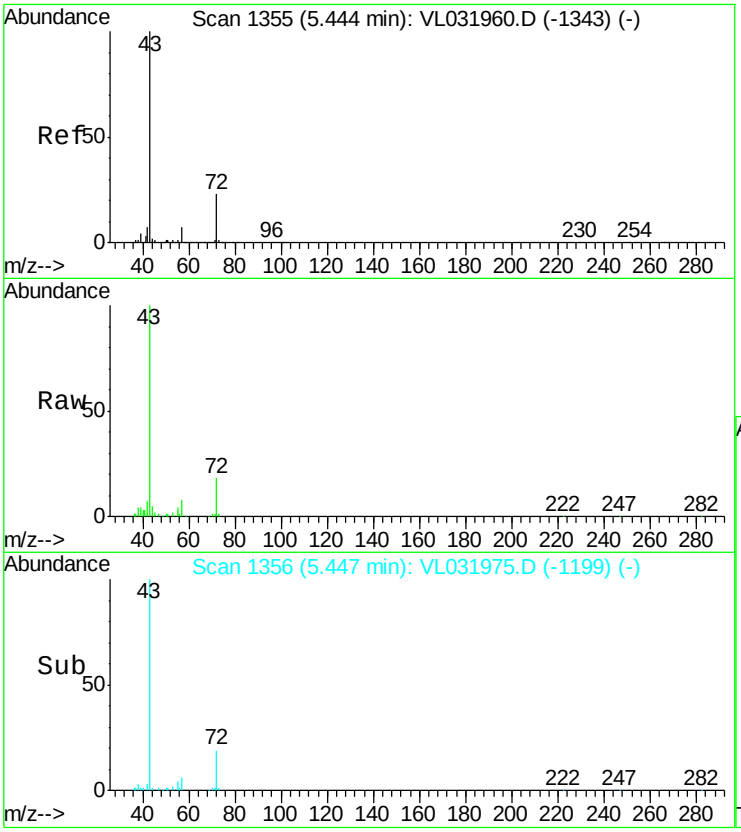


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:114 Resp: 2253270

Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.8	31.2
88	18.6	14.6	21.8



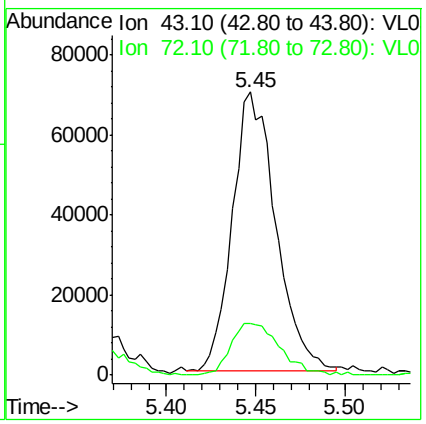


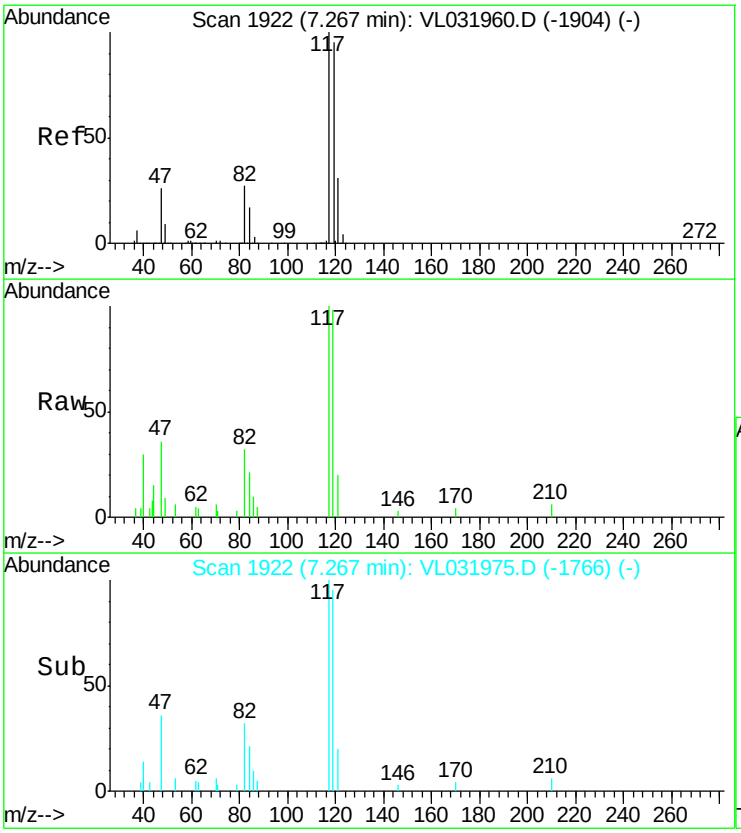
#34
2-Butanone
Concen: 0.64 ppbv
RT: 5.45 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 43 Resp: 118897

Ion	Ratio	Lower	Upper
43	100		
72	21.2	18.3	27.5

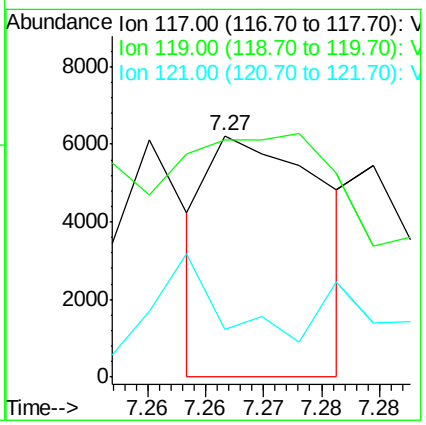


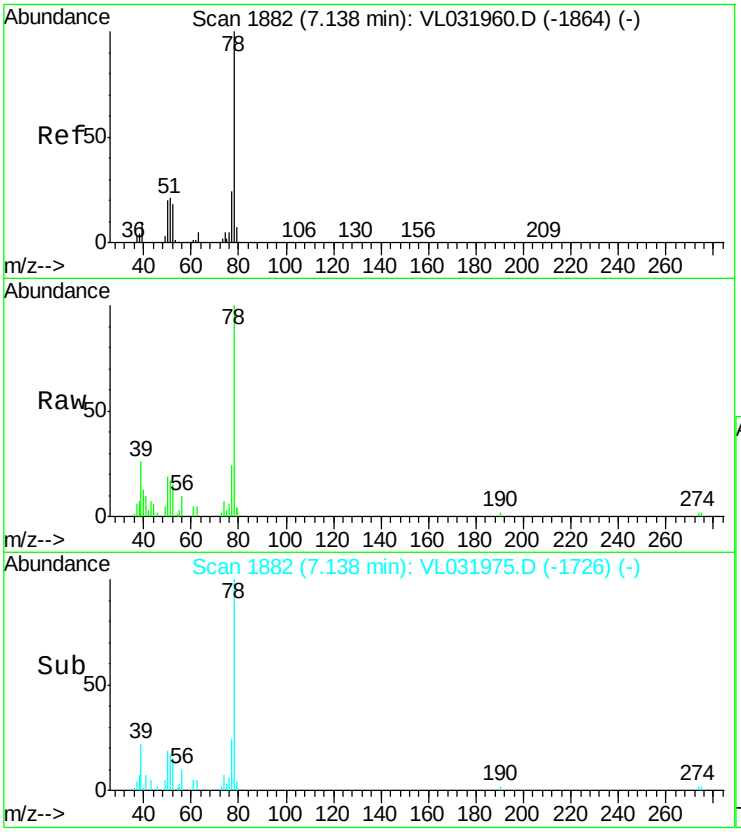


#35
Carbon Tetrachloride
Concen: 0.02 ppbv
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:117 Resp: 4298

Ion	Ratio	Lower	Upper
117	100		
119	42.3	76.4	114.6#
121	0.0	24.4	36.6#



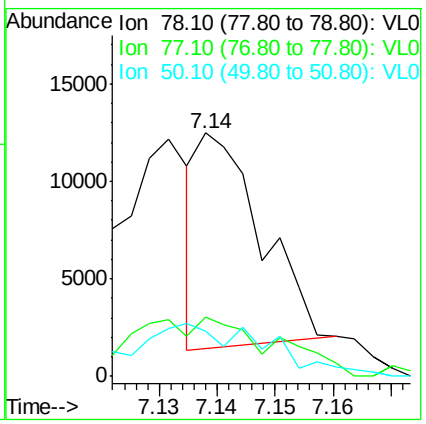


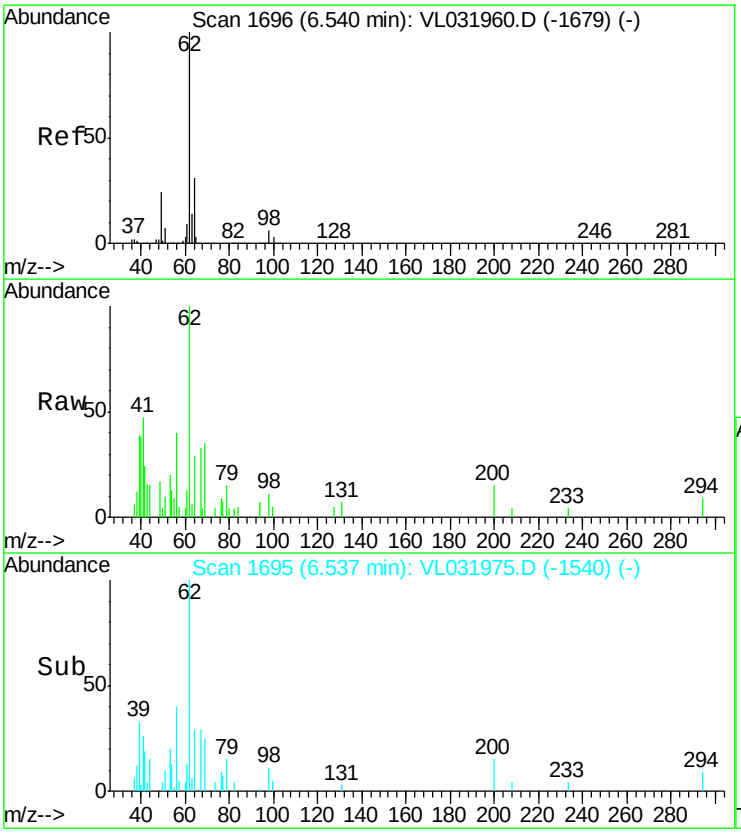
#36
Benzene
Concen: 0.04 ppbv
RT: 7.14 min Scan# 1882
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion: 78 Resp: 8293

Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.2	28.8
50	17.8	16.2	24.4

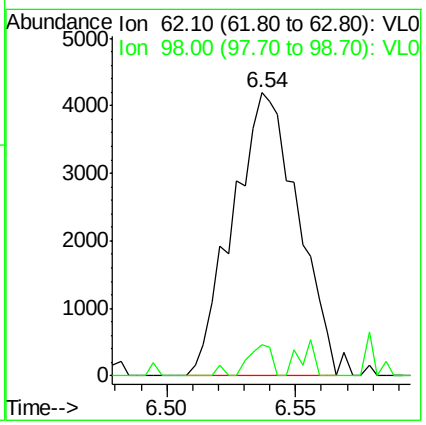


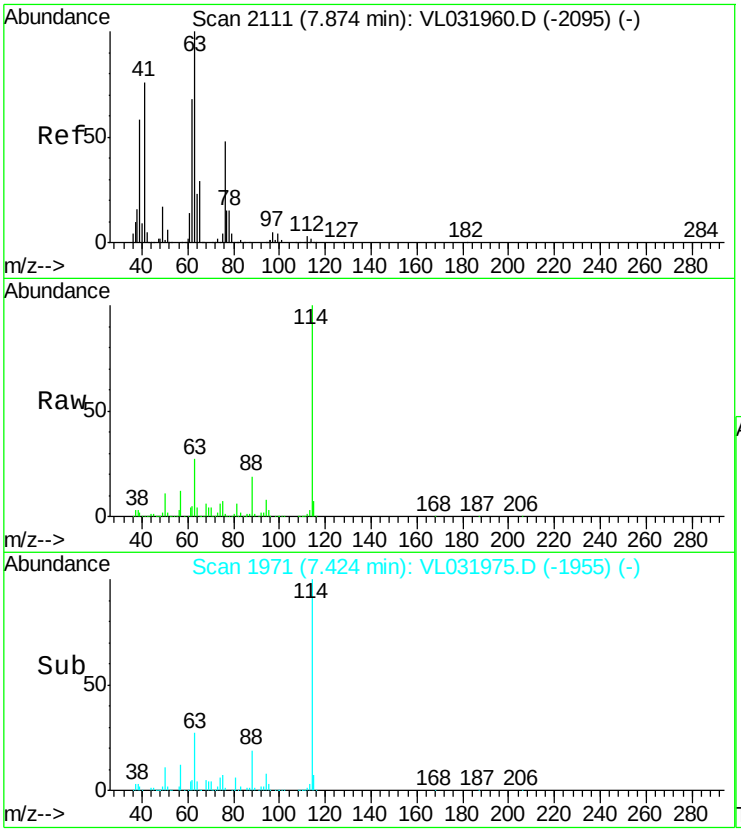


#37
1,2-Dichloroethane
Concen: 0.05 ppbv
RT: 6.54 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 62 Resp: 7369

Ion	Ratio	Lower	Upper
62	100		
98	7.1	4.6	6.8#



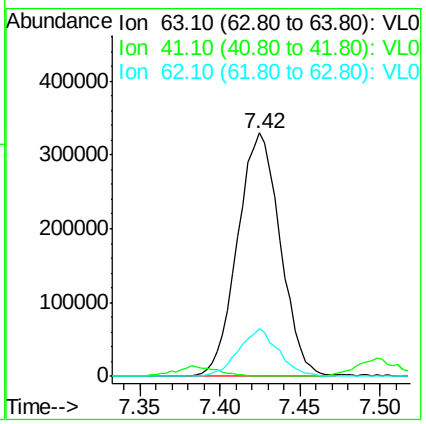


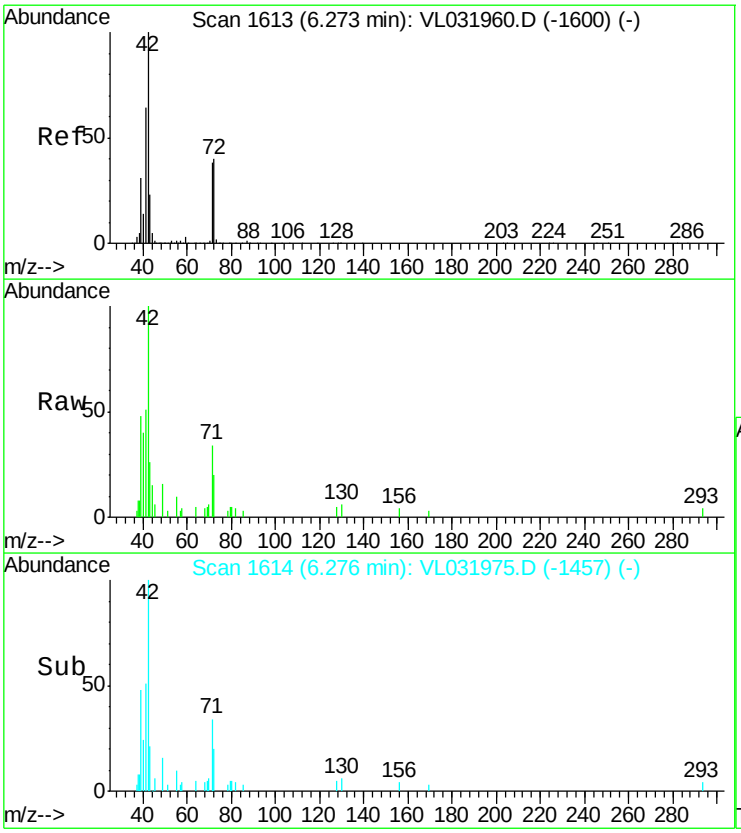
#39
1,2-Dichloropropane
Concen: 8.09 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.45 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion: 63 Resp: 597661

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.7	91.1#
62	19.3	54.7	82.1#

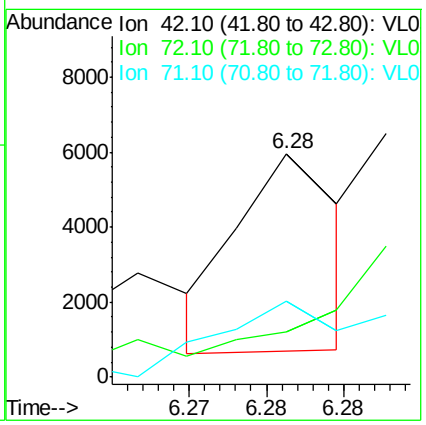


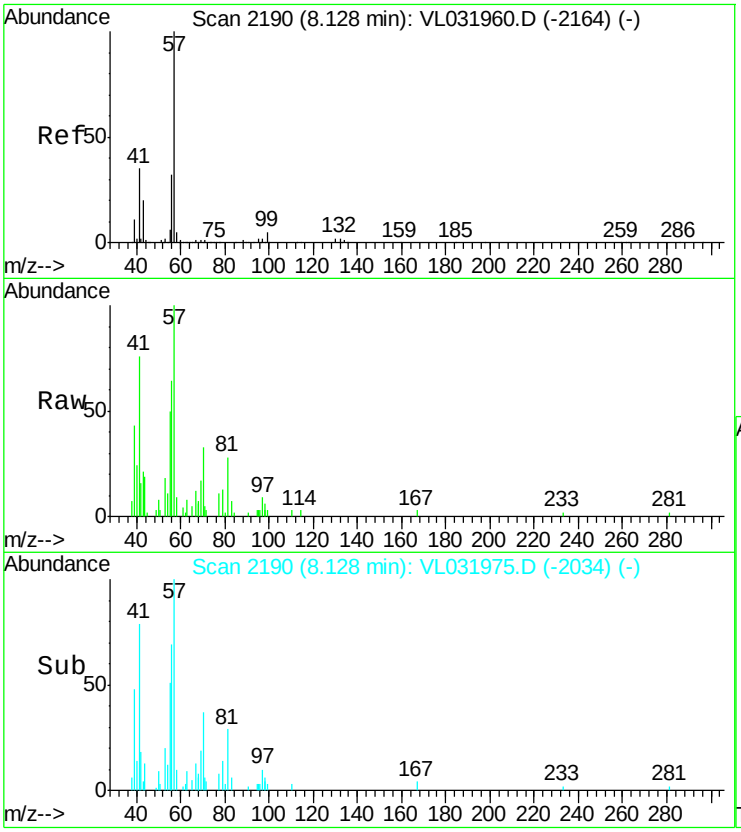


#41
Tetrahydrofuran
Concen: 0.03 ppbv
RT: 6.28 min Scan# 1614
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 42 Resp: 2411

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5#
71	0.0	31.4	47.2#



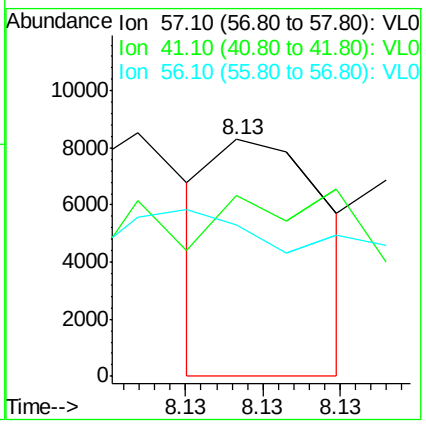


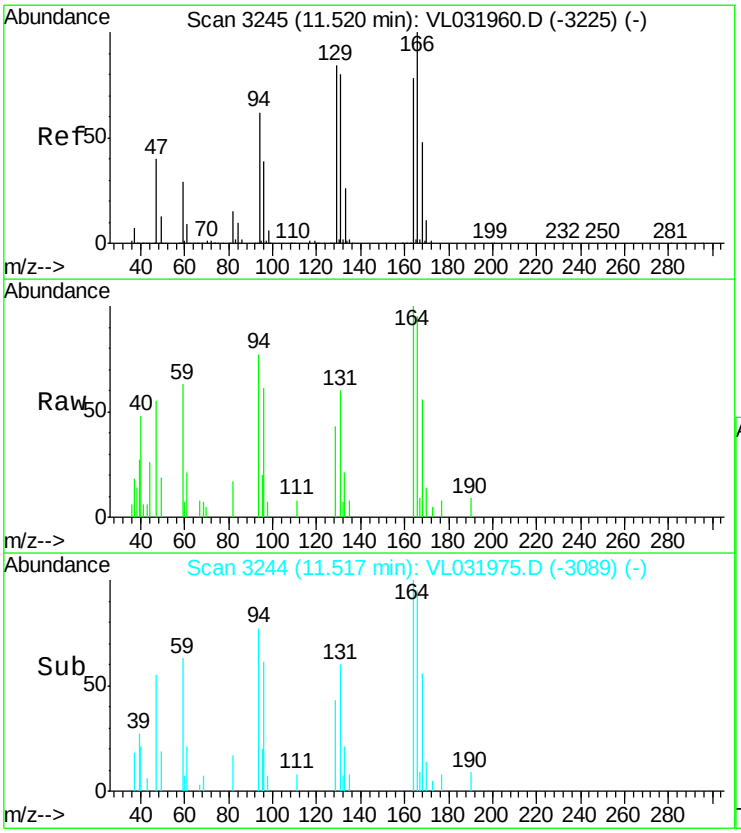
#44
2,2,4-Trimethylpentane
Concen: 0.01 ppbv
RT: 8.13 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 57 Resp: 4221

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.6	39.8#
56	314.0	24.4	36.6#

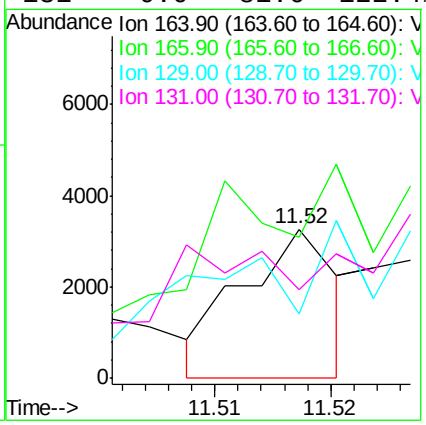


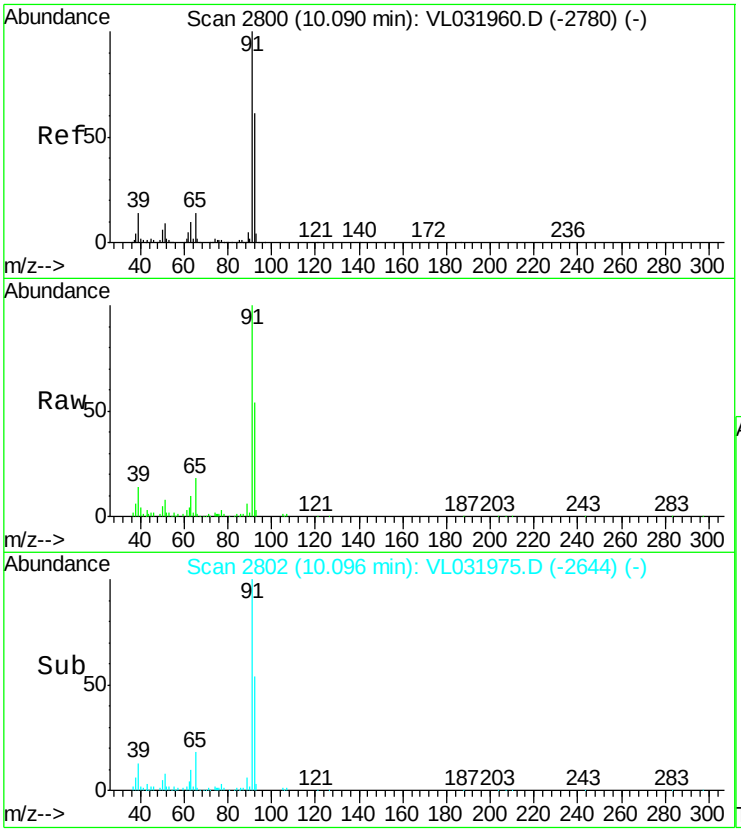


#52
Tetrachloroethene
Concen: 0.02 ppbv
RT: 11.52 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:164 Resp: 1844

Ion	Ratio	Lower	Upper
164	100		
166	37.8	101.9	152.9#
129	0.0	85.8	128.6#
131	0.0	81.6	122.4#



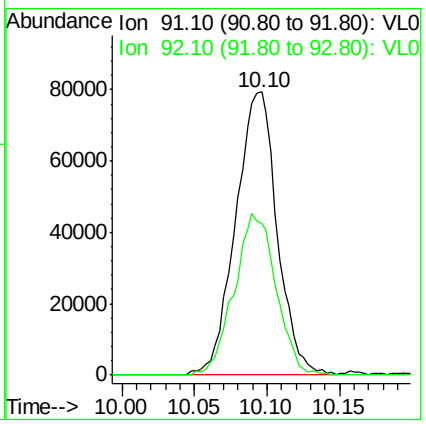


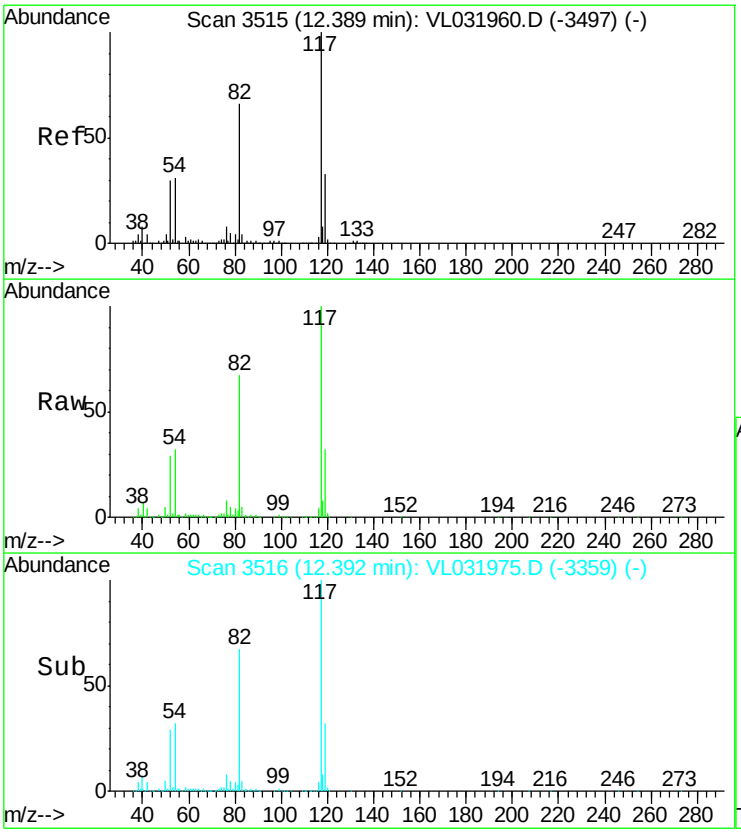
#53
Toluene
Concen: 0.69 ppbv
RT: 10.10 min Scan# 2802
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 91 Resp: 158371

Ion	Ratio	Lower	Upper
91	100		
92	57.5	47.4	71.2

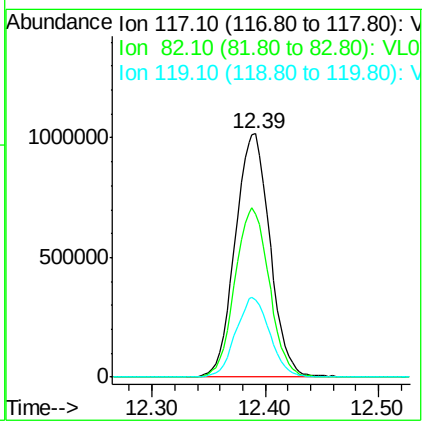


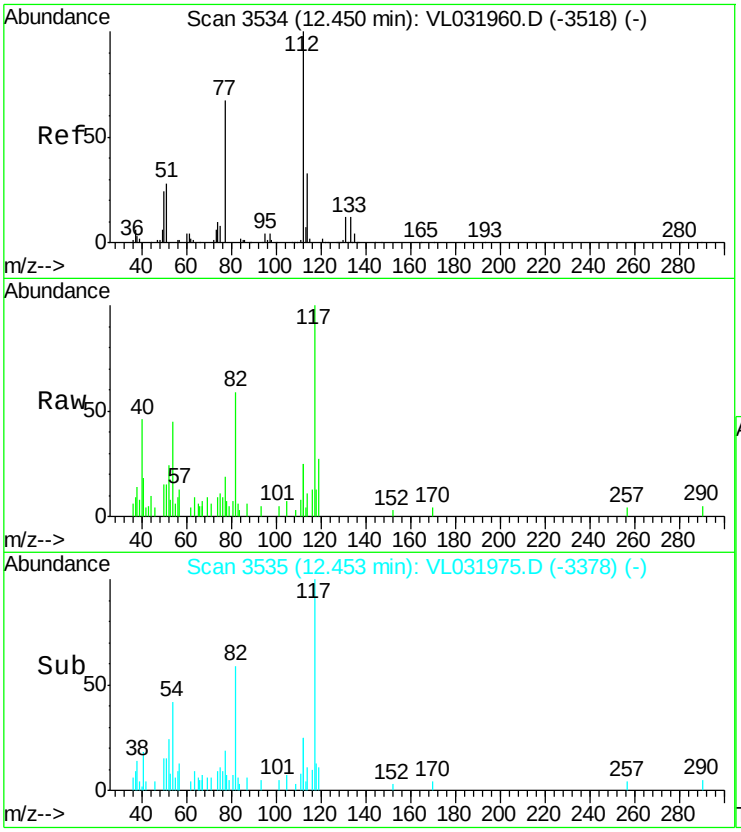


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:117 Resp: 2175157

Ion	Ratio	Lower	Upper
117	100		
82	69.1	51.6	77.4
119	32.2	44.2	66.4#



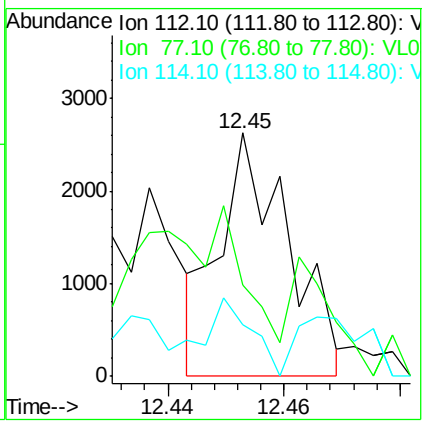


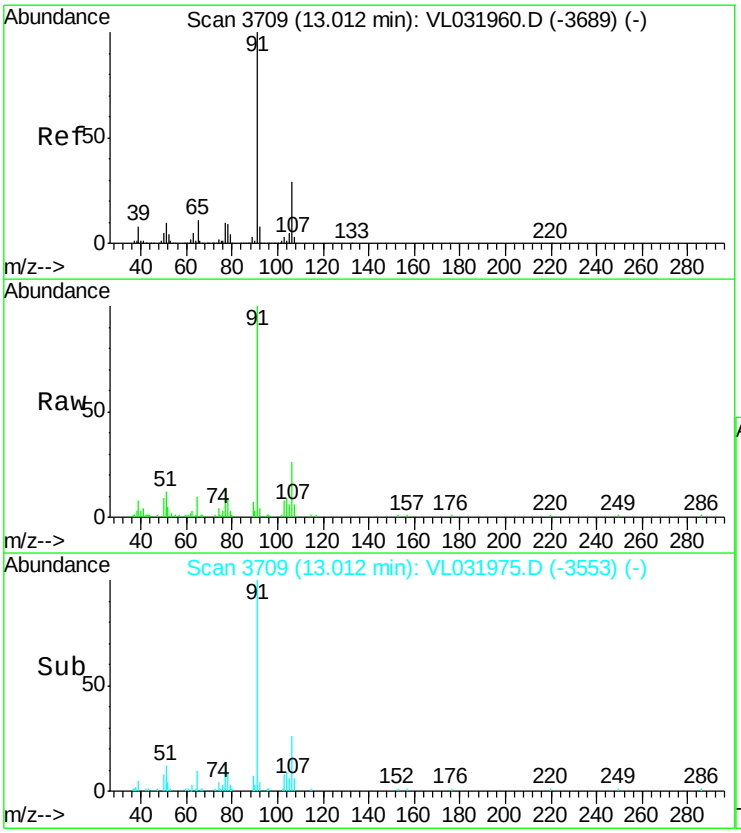
#57
Chlorobenzene
Concen: 0.01 ppbv
RT: 12.45 min Scan# 3535
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion:112 Resp: 2157

Ion	Ratio	Lower	Upper
112	100		
77	16.7	54.6	82.0#
114	7.3	29.2	35.6#

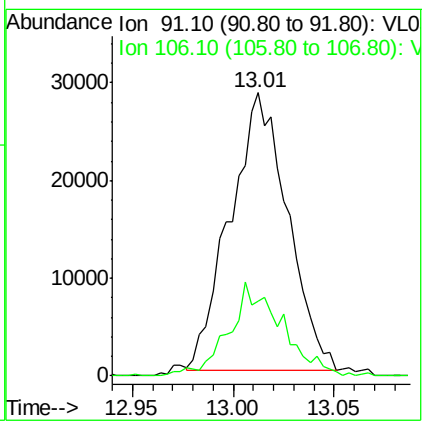


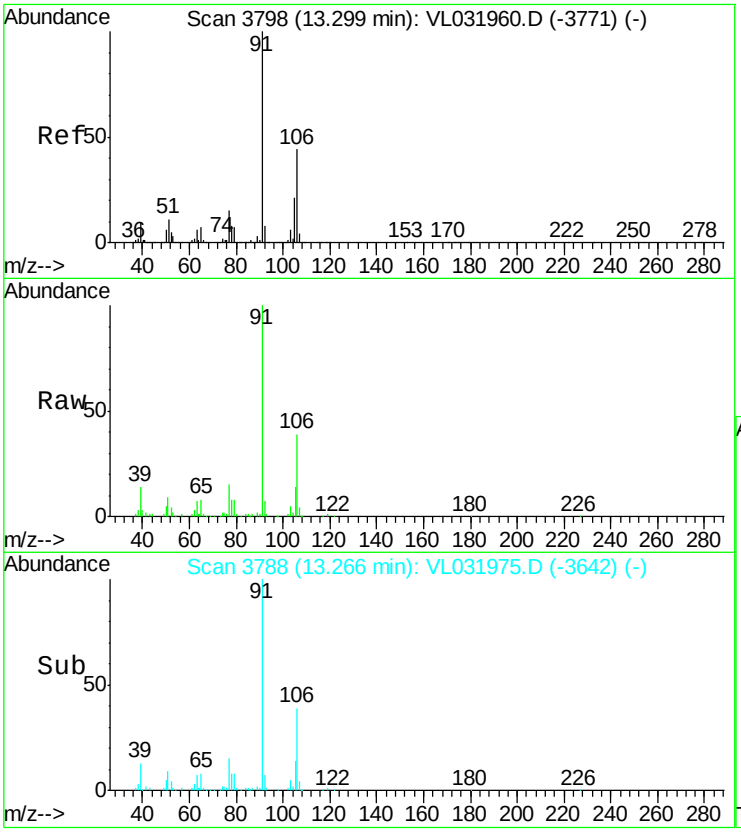


#58
Ethyl Benzene
Concen: 0.18 ppbv
RT: 13.01 min Scan# 3709
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 91 Resp: 56605

Ion	Ratio	Lower	Upper
91	100		
106	25.5	23.4	35.2



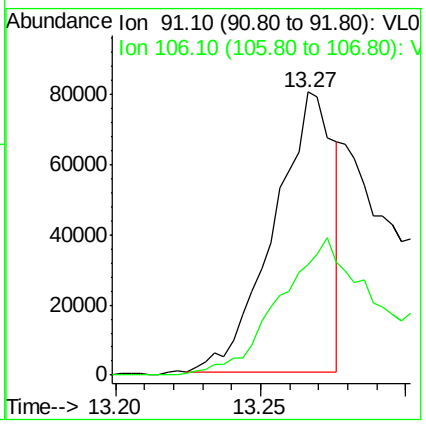


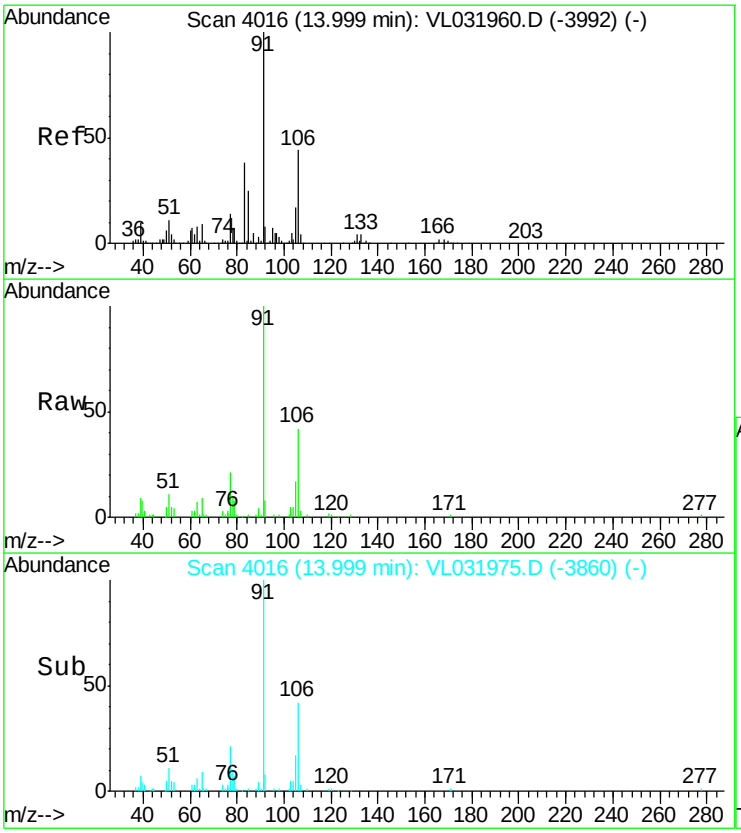
#59
m/p-Xylene
Concen: 0.43 ppbv
RT: 13.27 min Scan# 3788
Delta R.T. -0.03 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion: 91 Resp: 114197

Ion	Ratio	Lower	Upper
91	100		
106	87.7	35.9	53.9#

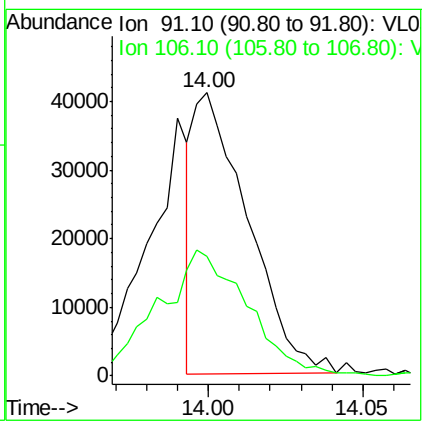


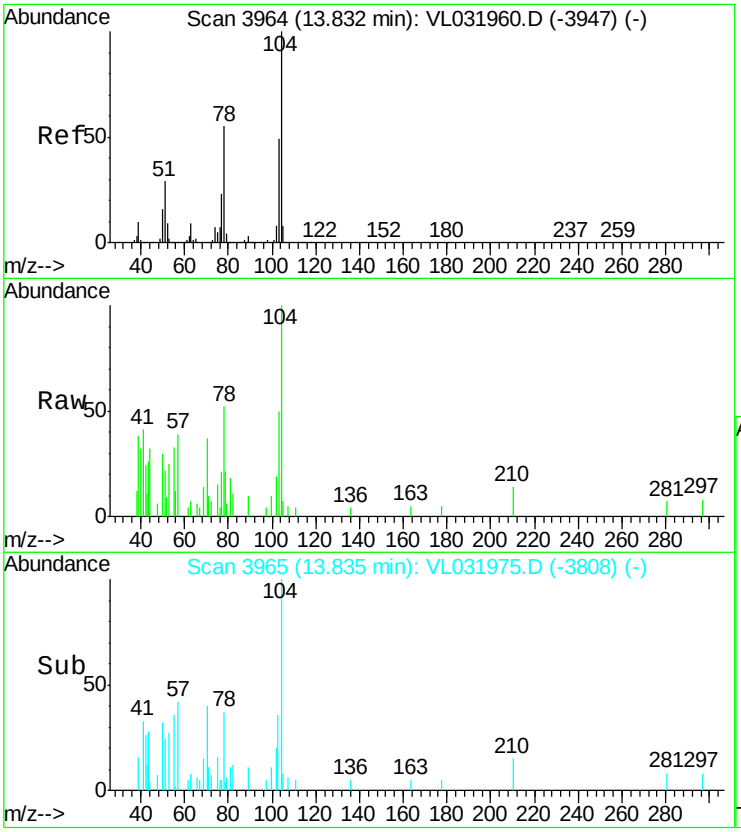


#60
o-Xylene
Concen: 0.19 ppbv
RT: 14.00 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion: 91 Resp: 50017

Ion	Ratio	Lower	Upper
91	100		
106	74.5	21.5	64.5#



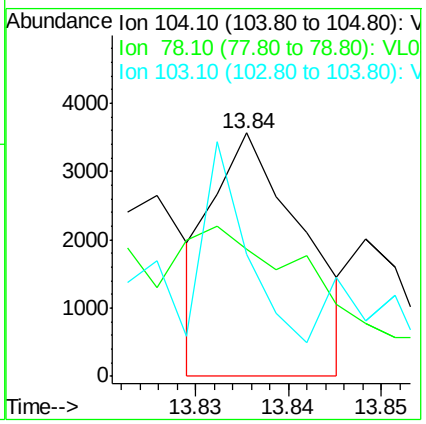


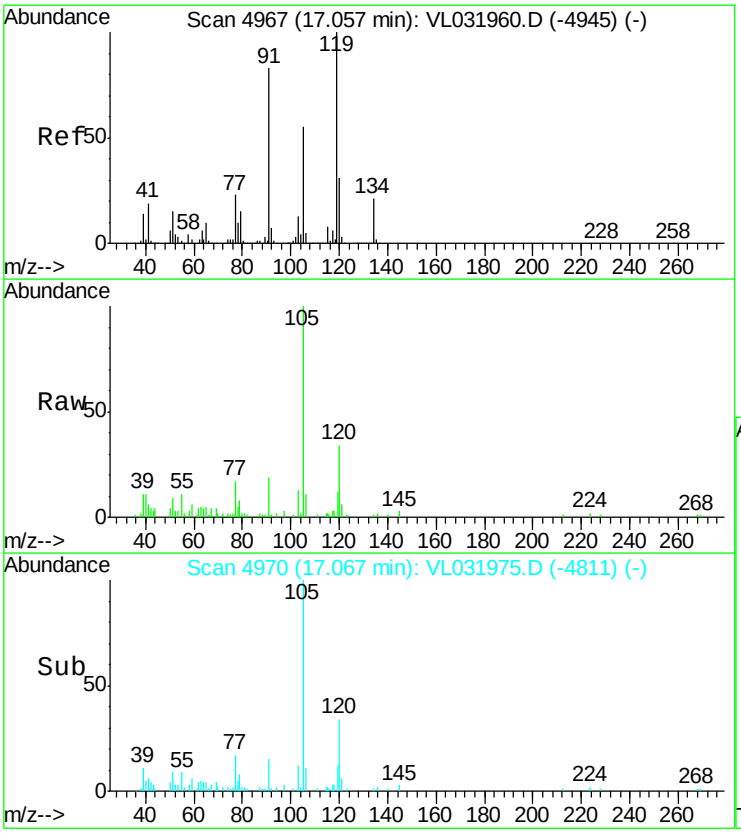
#61
Styrene
Concen: 0.04 ppbv
RT: 13.84 min Scan# 3965
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion:104 Resp: 2398

Ion	Ratio	Lower	Upper
104	100		
78	188.0	43.8	65.8#
103	152.5	38.4	57.6#

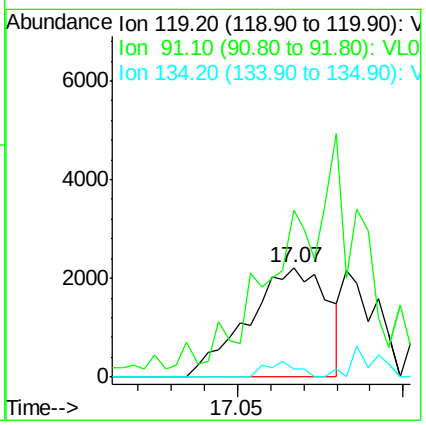


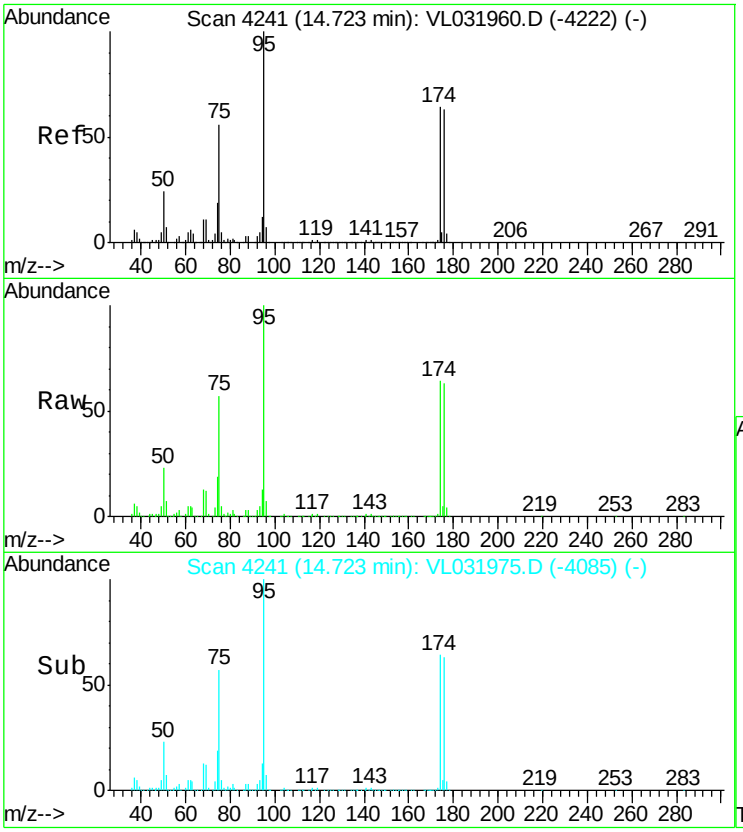


#65
tert-Butylbenzene
Concen: 0.01 ppbv
RT: 17.07 min Scan# 4970
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:119 Resp: 3674

Ion	Ratio	Lower	Upper
119	100		
91	0.0	68.1	102.1#
134	5.5	15.4	23.0#



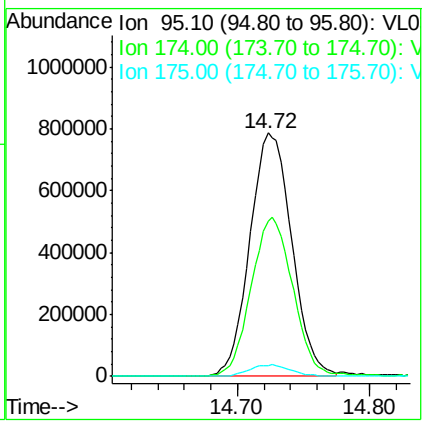


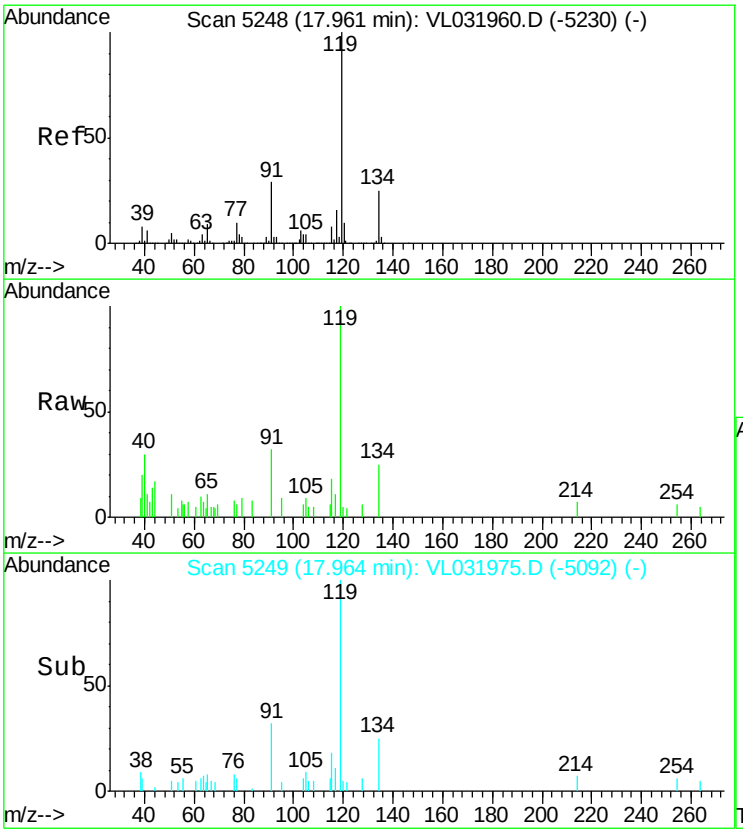
#68
1-Bromo-4-Fluorobenzene
Concen: 10.26 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion: 95 Resp: 1730489

Ion	Ratio	Lower	Upper
95	100		
174	66.1	53.0	79.6
175	4.8	3.9	5.9

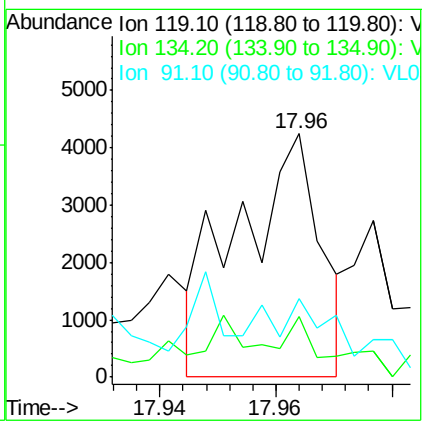


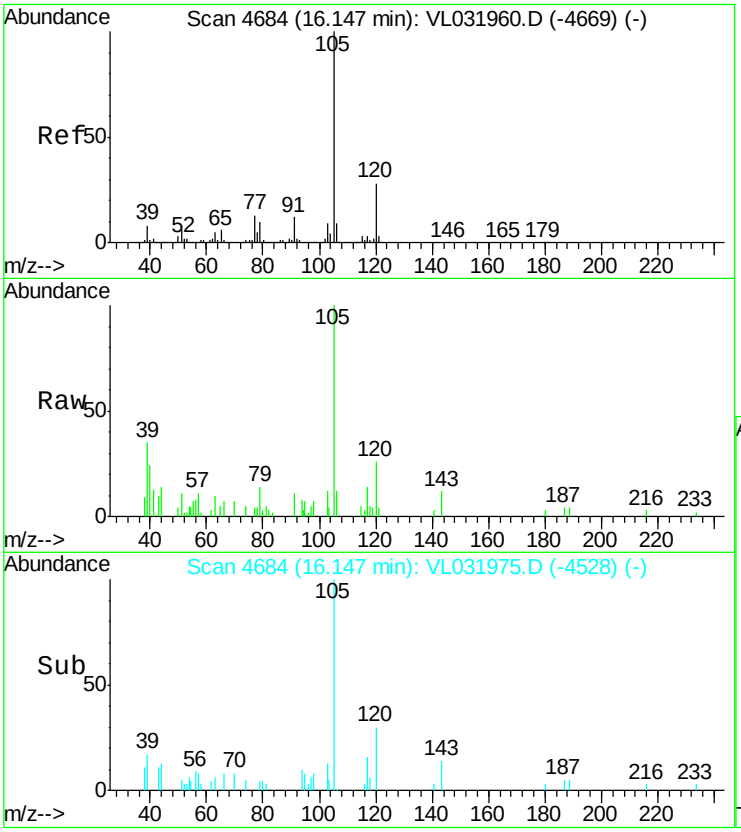


#69
p-Isopropyltoluene
Concen: 0.01 ppbv
RT: 17.96 min Scan# 5249
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:119 Resp: 4219

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.8#
91	0.0	23.8	35.6#



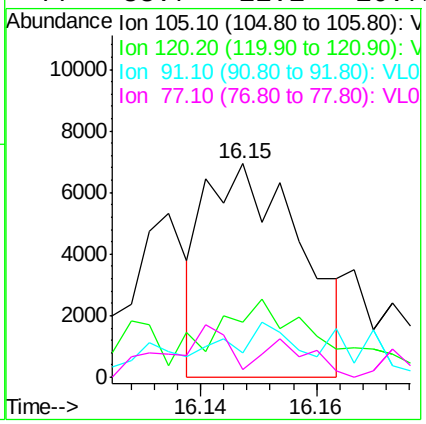


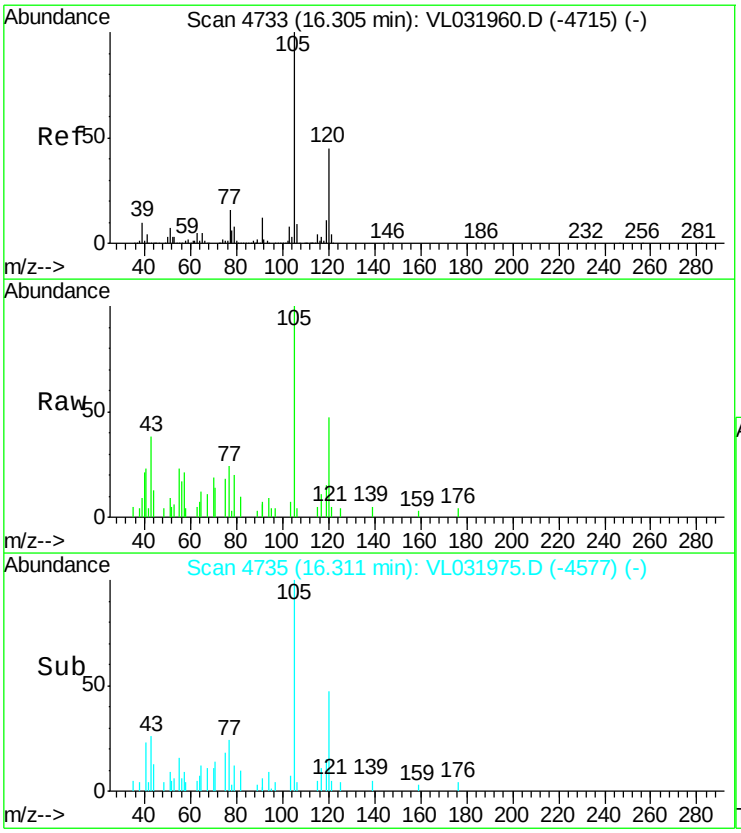
#72
4-Ethyltoluene
Concen: 0.03 ppbv
RT: 16.15 min Scan# 4684
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion:105 Resp: 7945

Ion	Ratio	Lower	Upper
105	100		
120	55.6	22.6	33.8#
91	46.3	10.5	15.7#
77	33.7	11.1	16.7#

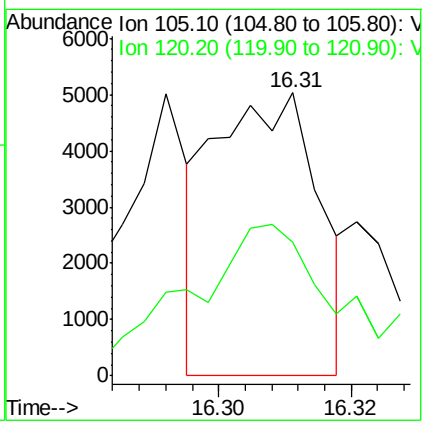


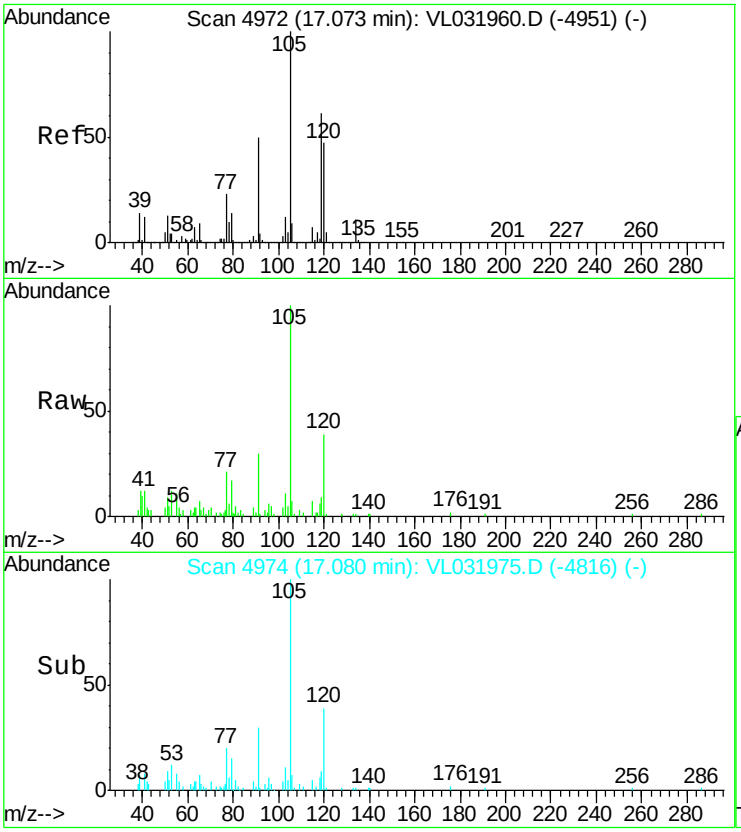


#73
1,3,5-Trimethylbenzene
Concen: 0.02 ppbv
RT: 16.31 min Scan# 4735
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:105 Resp: 5490

Ion	Ratio	Lower	Upper
105	100		
120	49.9	36.0	54.0



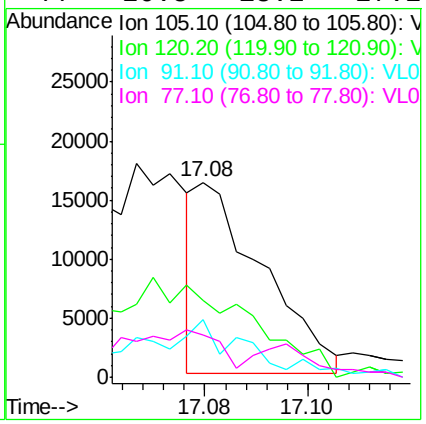


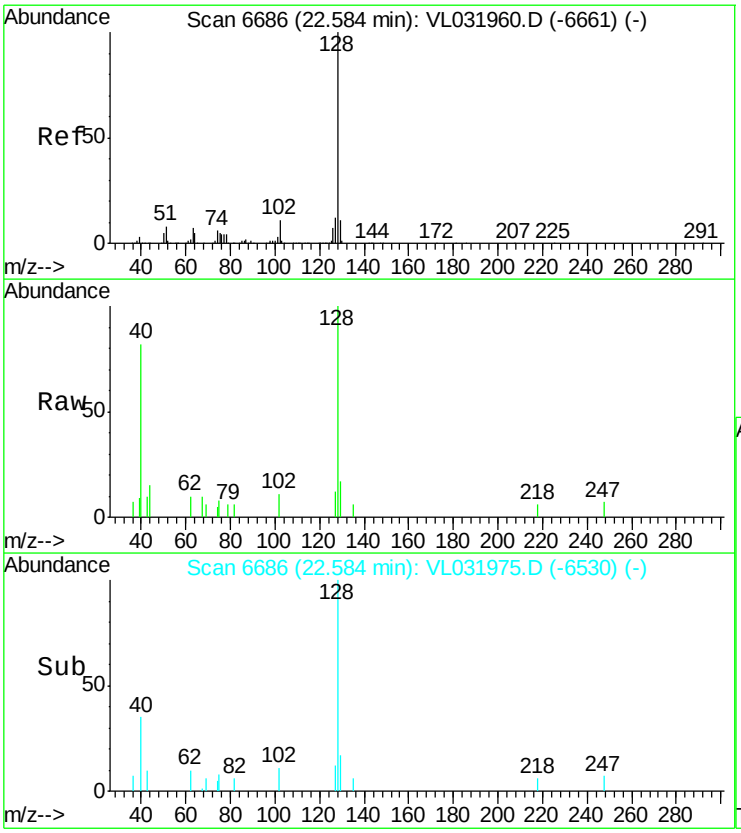
#74
1,2,4-Trimethylbenzene
Concen: 0.05 ppbv
RT: 17.08 min Scan# 4974
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument : MSVOA_L
ClientSampleId : IA3

Tgt Ion:105 Resp: 14387

Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.8	56.6
91	29.1	40.5	60.7#
77	20.5	18.2	27.2

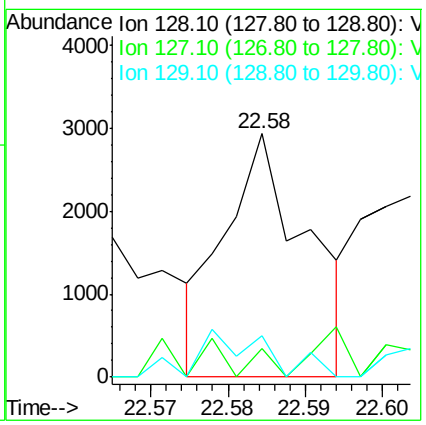


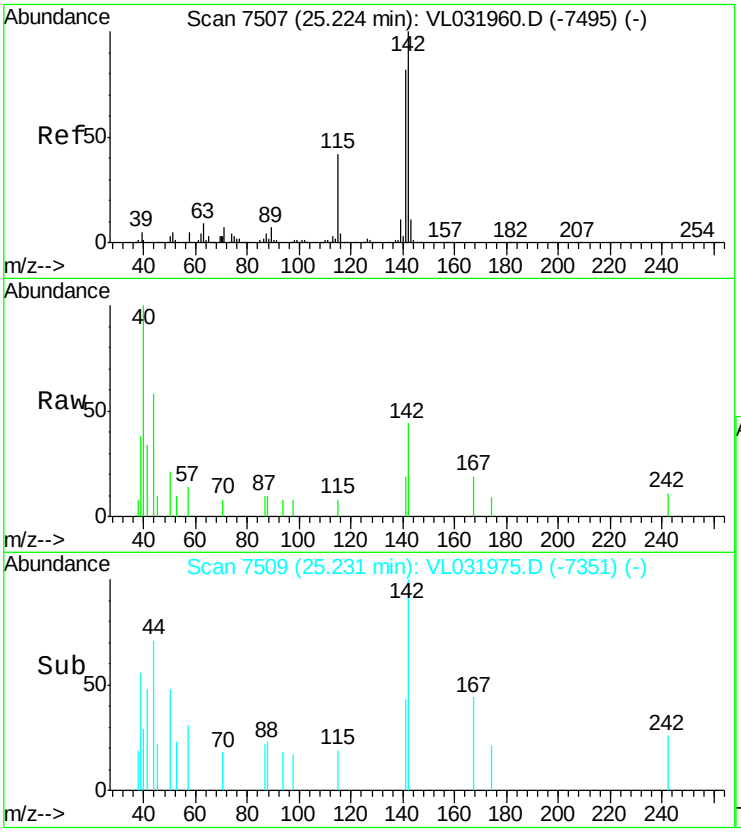


#79
Naphthalene
Concen: 0.01 ppbv
RT: 22.58 min Scan# 6686
Delta R.T. 0.00 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Tgt Ion:128 Resp: 2159

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	27.5	9.0	13.4#





#80
Naphthalene,2-methyl-
Concen: 0.03 ppbv
RT: 25.23 min Scan# 7509
Delta R.T. 0.01 min
Lab File: VL031975.D
Acq: 3 May 2018 23:22

Instrument :
MSVOA_L
ClientSampleId :
IA3

Tgt Ion:142 Resp: 1282

Ion	Ratio	Lower	Upper
142	100		
141	73.2	67.9	101.9
115	31.0	33.8	50.8#