Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

Quantitation Report (Not Reviewed)

Data File : VL031855.D
Acq On : 12 Apr 2018 2:50
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Apr 12 04:20:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 12 04:17:02 2018
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1311486	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	2762476	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2677059	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	2204485	10.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.17	85	29962	0.12	ppbv		100
3) Chlorodifluoromethane	3.10	51	17040	0.10	ppbv		98
4) Chloromethane	3.26	50	7214	0.09	ppbv		91
5) Vinyl Chloride	3.39	62	6380	0.08	ppbv		90
6) Bromomethane	3.61	94	4020	0.07	ppbv	#	81
7) Chloroethane	3.70	64	3467	0.10	ppbv		91
8) Dichlorotetrafluoroethane	3.31	85	25437	0.11	ppbv		91
9) Propene	3.12	41	3701	0.06	ppbv	#	52
11) Trichlorofluoromethane	4.11	101	31530	0.13	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.67	101	20243	0.12	ppbv		99
13) Ethanol	3.78	45	1590	0.08	ppbv		87
14) Bromoethene	3.89	108	3310	0.05	ppbv	#	6
15) Acetone	4.04	43	32253	0.15	ppbv	#	87
16) 1,3-Butadiene	3.46	39	4970	0.06	ppbv	#	25
18) 1,1-Dichloroethene	4.46	96	6771	0.09	ppbv		91
20) Methylene Chloride	4.52	84	19319	0.26	ppbv	#	77
21) Allyl Chloride	4.59	41	12254	0.10	ppbv	#	74
22) trans-1,2-Dichloroethene	5.08	96	9242	0.12	ppbv	#	55
24) 1,1-Dichloroethane	5.22	63	9431	0.05	ppbv	#	94
25) Ethyl Acetate	5.92	43	30155	0.09	ppbv	#	90
26) Hexane	5.90	57	10101	0.06	ppbv	#	1
27) Carbon Disulfide	4.75	76	8402	0.05	ppbv	#	1
28) Methyl tert-Butyl Ether	5.26	73	7945	0.04	ppbv	#	54
29) Chloroform	5.97	83	17092	0.07	ppbv		91
31) cis-1,2-Dichloroethene	5.77	61	7499	0.05	ppbv	#	86
32) 1,1,1-Trichloroethane	6.75	97	12136	0.05	ppbv	#	19
35) Carbon Tetrachloride	7.27	117	14906	0.07	ppbv	#	84
37) 1,2-Dichloroethane	6.54	62	13822	0.08	ppbv	#	90
38) Trichloroethene	8.10	130	3322	0.03	ppbv	#	52
39) 1,2-Dichloropropane	7.43	63	734040	7.81	ppbv	#	23
42) Bromodichloromethane	8.05	83	12586	0.06	ppbv	#	88
47) 1,1,2-Trichloroethane	9.76	97	10043	0.09	ppbv	#	74
48) Dibromochloromethane	10.59	129	7223	0.04	ppbv	#	10
52) Tetrachloroethene	11.52	164	3493	0.03	ppbv	#	59
56) 1,1,1,2-Tetrachloroethane	12.43	131	5391	0.04	ppbv	#	1
57) Chlorobenzene	12.45	112	12932	0.05	ppbv	#	76
59) m/p-Xylene	13.31	91	10782	0.03	ppbv	#	100
62) Isopropylbenzene	14.97	105	21883	0.05	ppbv	#	76
63) 1,1,2,2-Tetrachloroethane	13.99	83	12867	0.06	ppbv	#	16
67) sec-Butylbenzene	17.61	105	18323	0.03	ppbv	#	60
70) n-Butylbenzene	18.86	91	20872	0.05	ppbv	#	94

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

Quantitation Report (Not Reviewed)

Data File : VL031855.D
Acq On : 12 Apr 2018 2:50
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Apr 12 04:20:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 12 04:17:02 2018
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) 2-Chlorotoluene	15.77	91	12063	0.04	ppbv	#	50
75) 1,3-Dichlorobenzene	17.31	146	10590	0.05	ppbv	#	23
76) 1,4-Dichlorobenzene	17.46	146	7088	0.03	ppbv	#	1
80) Naphthalene,2-methyl-	25.24	142	1694	0.03	ppbv	#	31

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

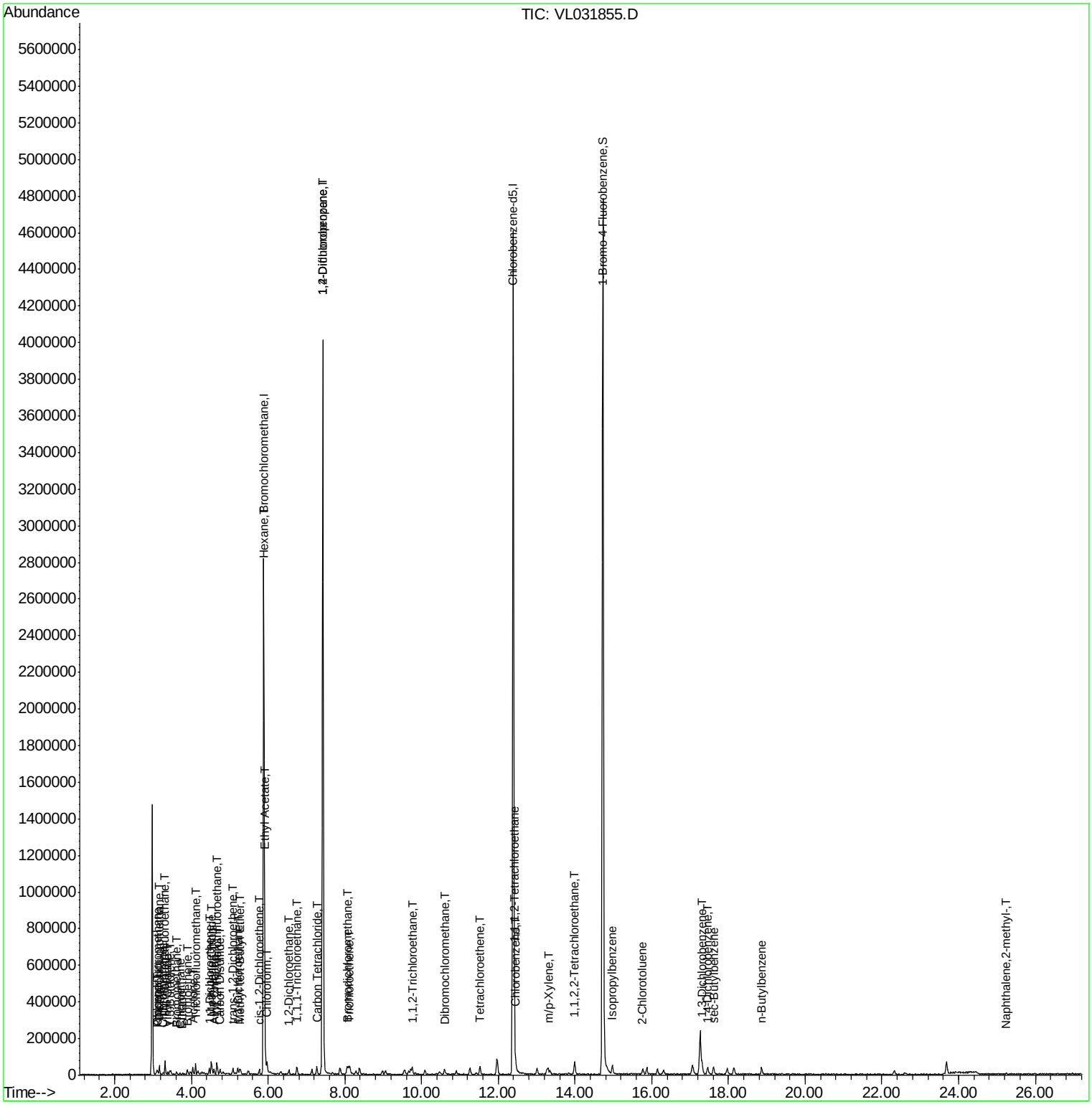
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

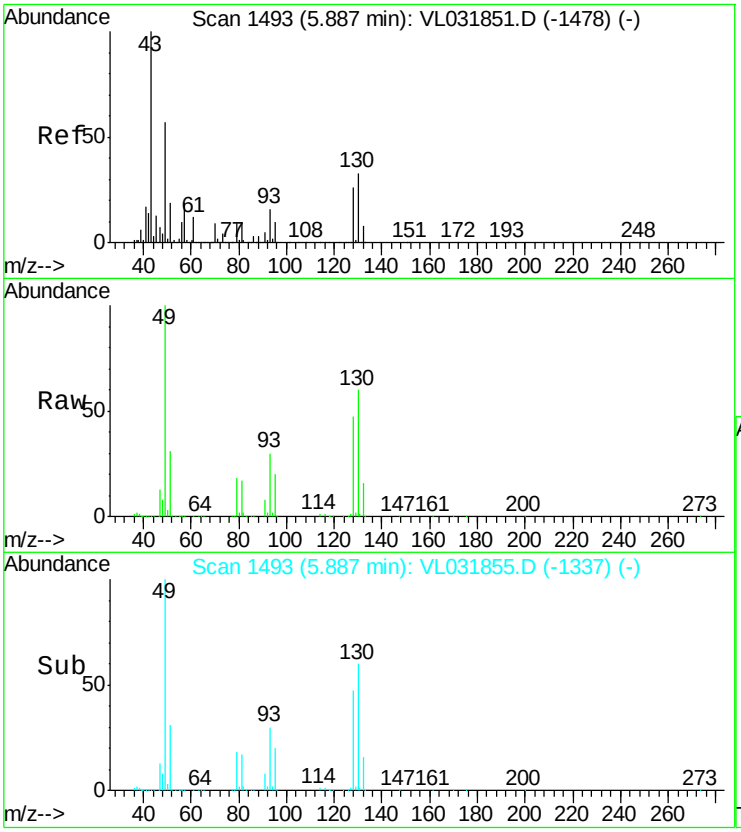
Quantitation Report (Not Reviewed)

Data File : VL031855.D
Acq On : 12 Apr 2018 2:50
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Apr 12 04:20:04 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 12 04:17:02 2018
QLast Update : Thu Apr 12 04:17:02 2018
Response via : Initial Calibration



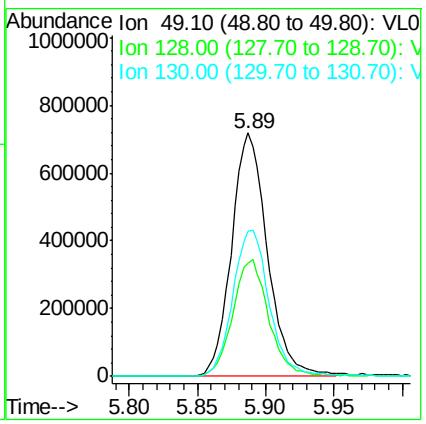


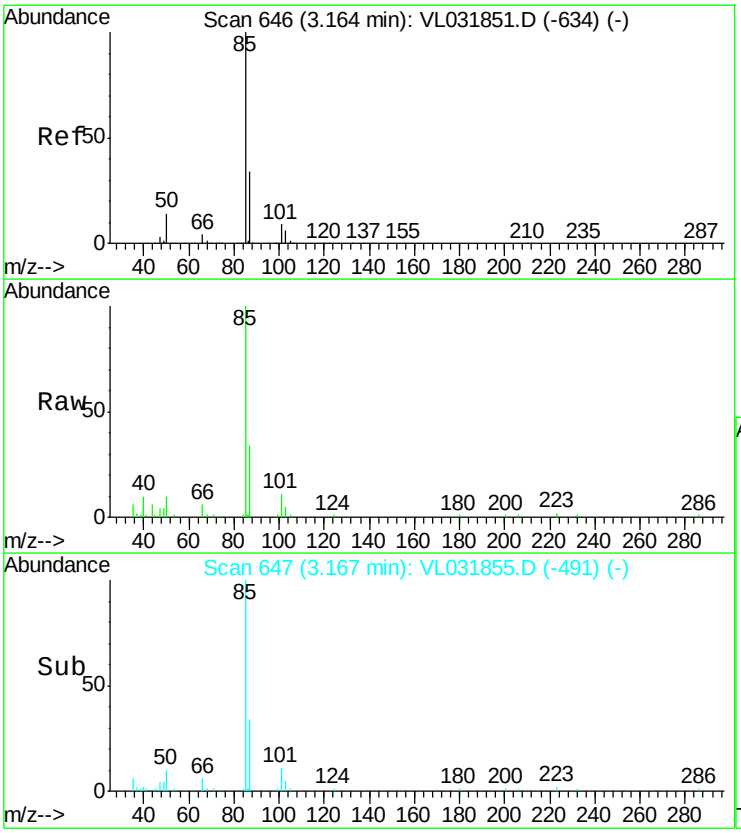
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1311486

Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.9	71.8
130	61.6	31.1	93.2

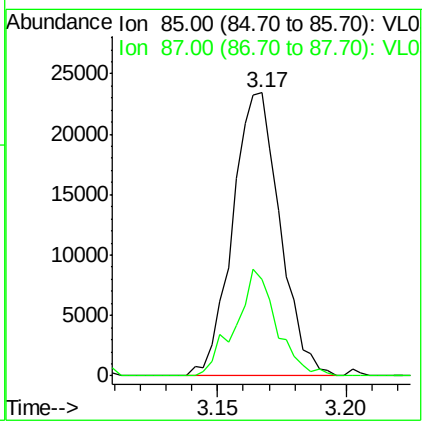


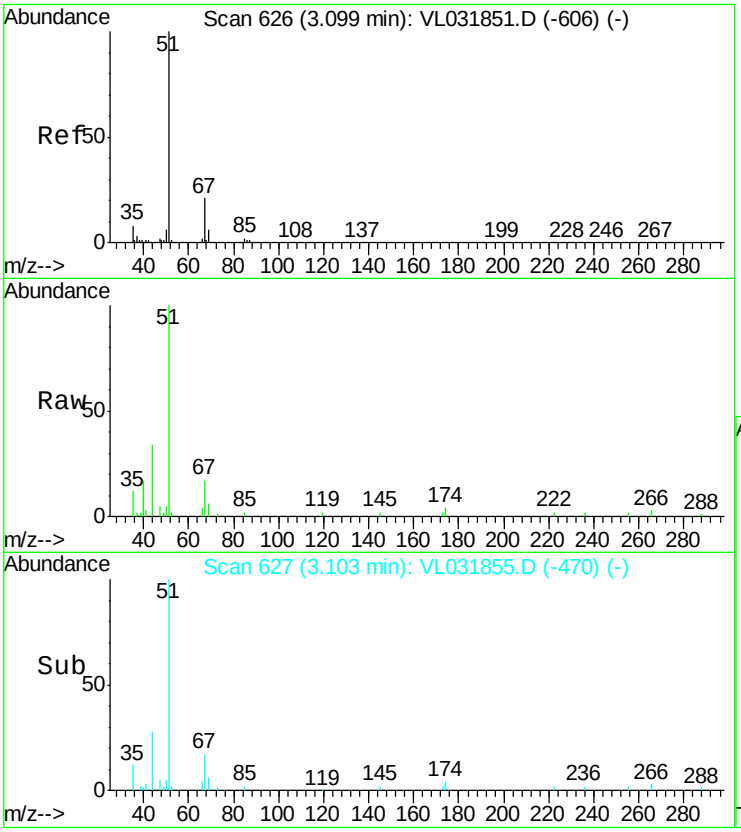


#2
Dichlorodifluoromethane
Concen: 0.12 ppbv
RT: 3.17 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 85 Resp: 29962

Ion	Ratio	Lower	Upper
85	100		
87	34.1	27.1	40.7



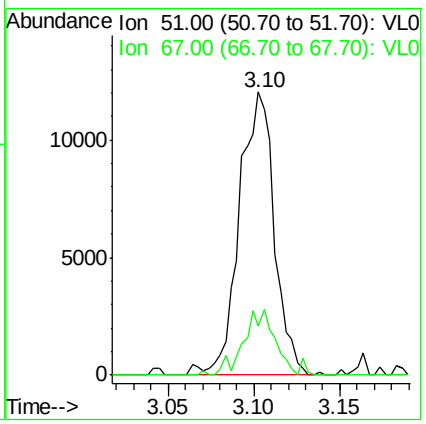


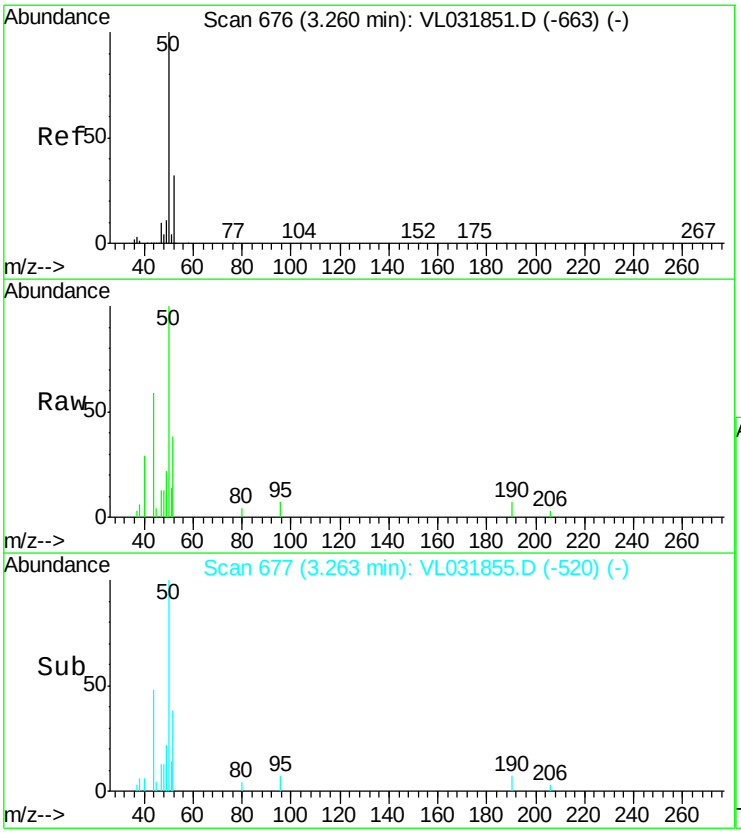
#3
Chlorodifluoromethane
Concen: 0.10 ppbv
RT: 3.10 min Scan# 627
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 17040

Ion	Ratio	Lower	Upper
51	100		
67	21.7	16.7	25.1

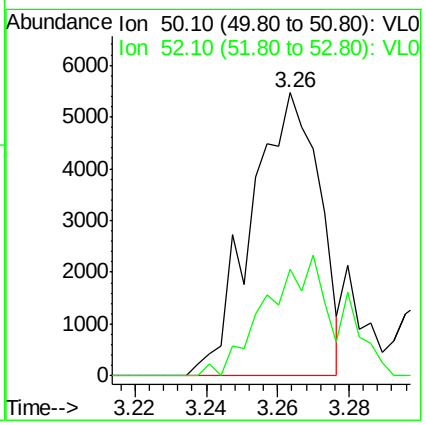


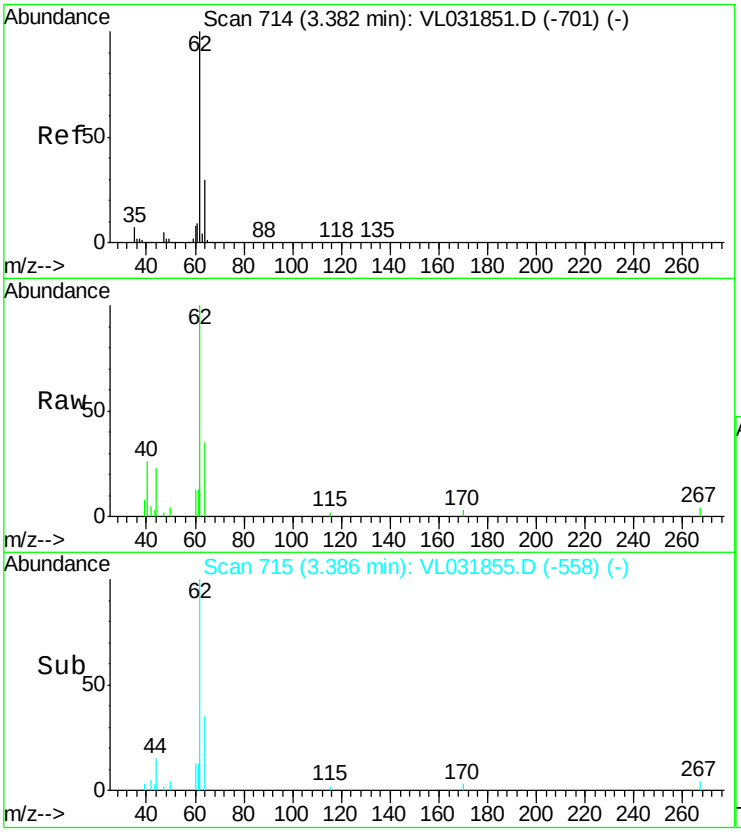


#4
Chloromethane
Concen: 0.09 ppbv
RT: 3.26 min Scan# 677
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 50 Resp: 7214

Ion	Ratio	Lower	Upper
50	100		
52	37.6	26.0	39.0



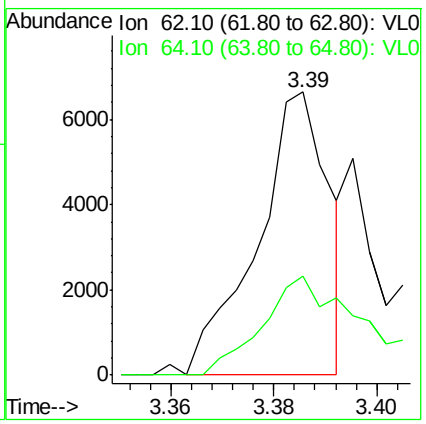


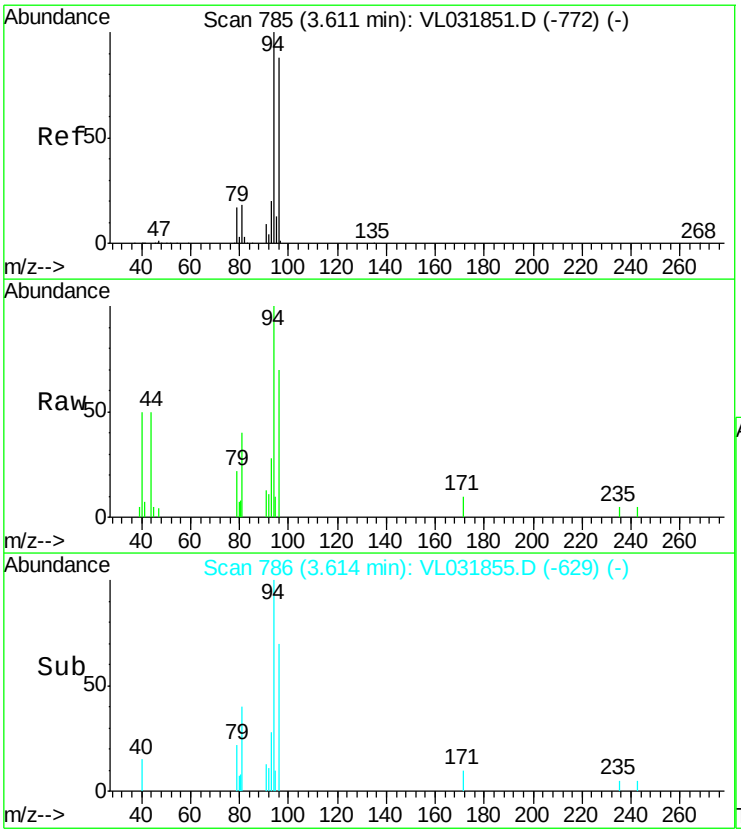
#5
Vinyl Chloride
Concen: 0.08 ppbv
RT: 3.39 min Scan# 715
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 62 Resp: 6380

Ion	Ratio	Lower	Upper
62	100		
64	35.0	23.8	35.8

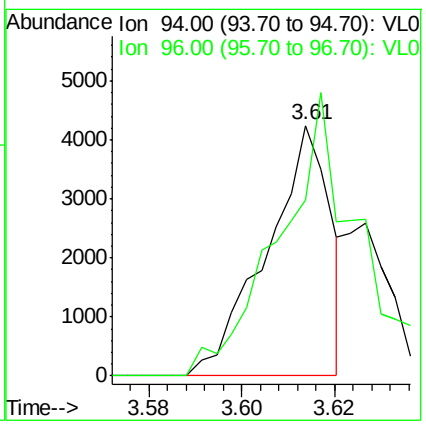


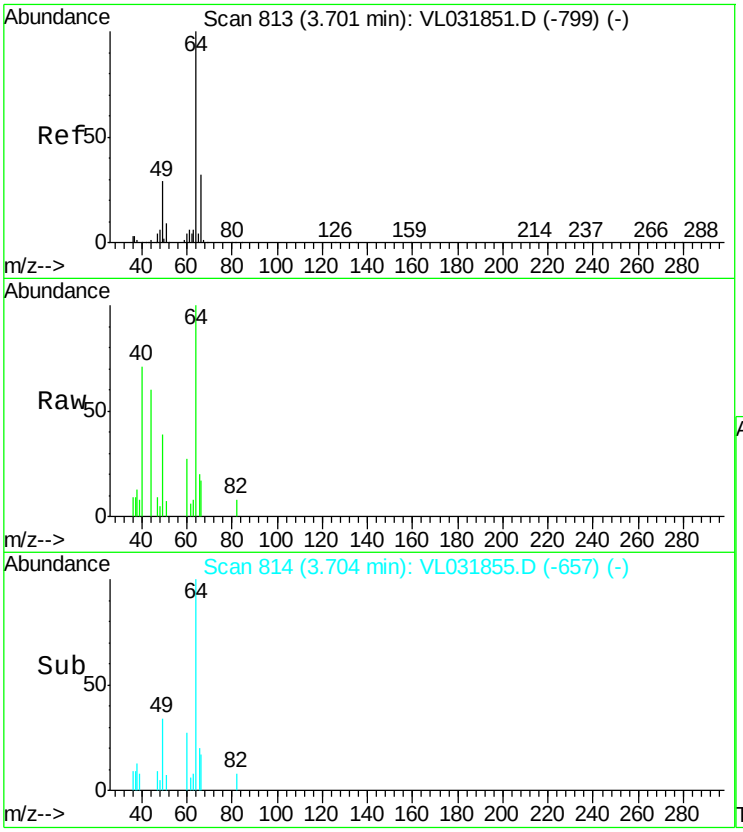


#6
Bromomethane
Concen: 0.07 ppbv
RT: 3.61 min Scan# 786
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 94 Resp: 4020

Ion	Ratio	Lower	Upper
94	100		
96	70.4	70.6	105.8#



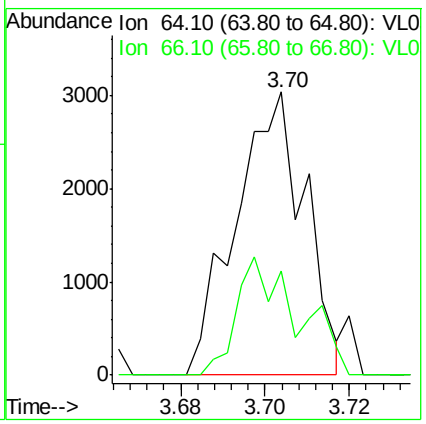


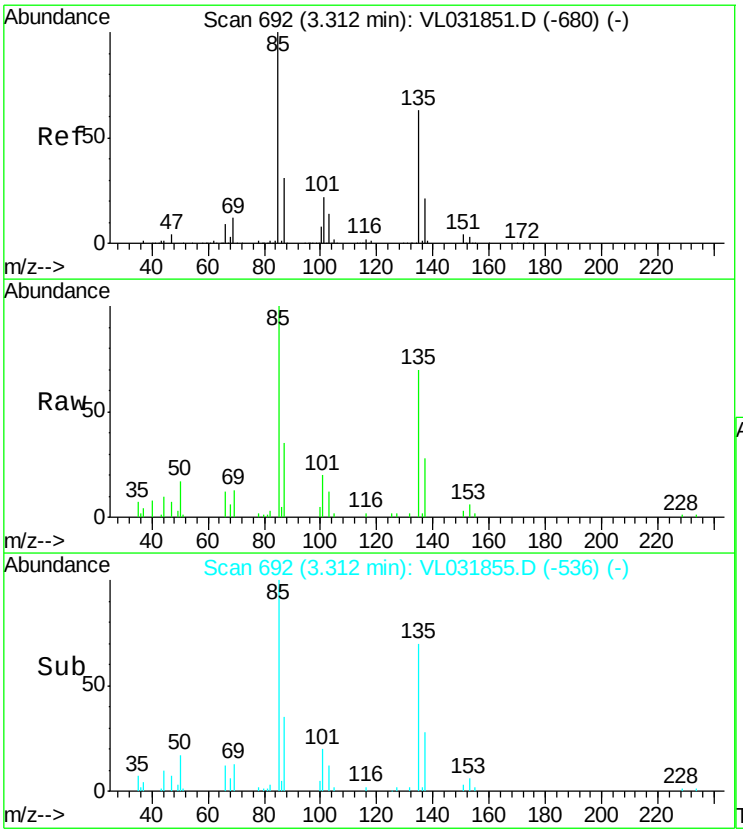
#7
Chloroethane
Concen: 0.10 ppbv
RT: 3.70 min Scan# 814
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 3467

Ion	Ratio	Lower	Upper
64	100		
66	36.7	25.5	38.3

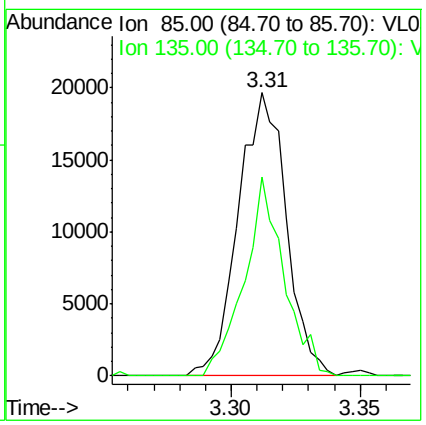


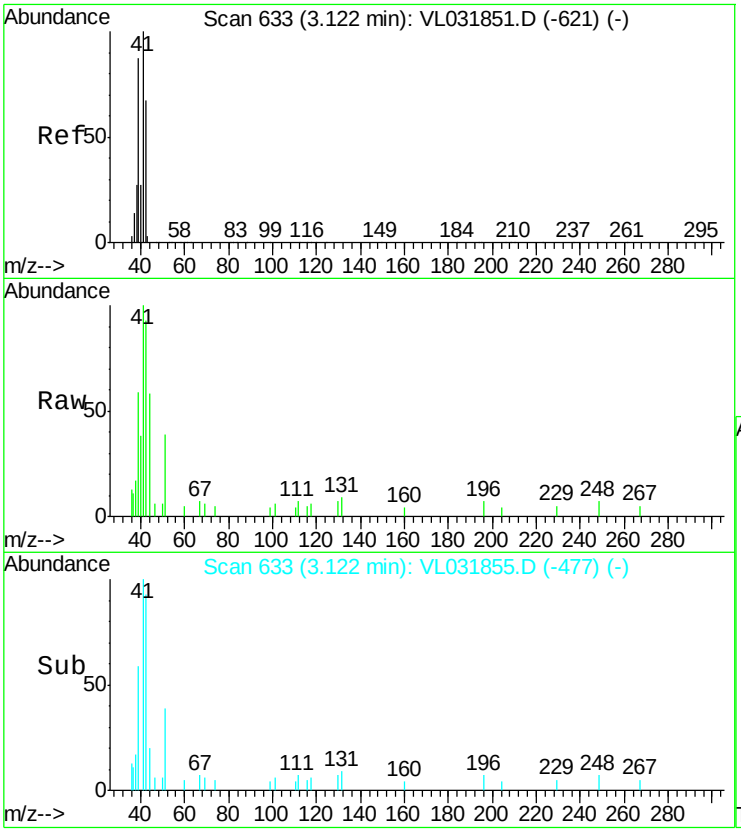


#8
Dichlorotetrafluoroethane
Concen: 0.11 ppbv
RT: 3.31 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 85 Resp: 25437

Ion	Ratio	Lower	Upper
85	100		
135	58.4	52.6	79.0



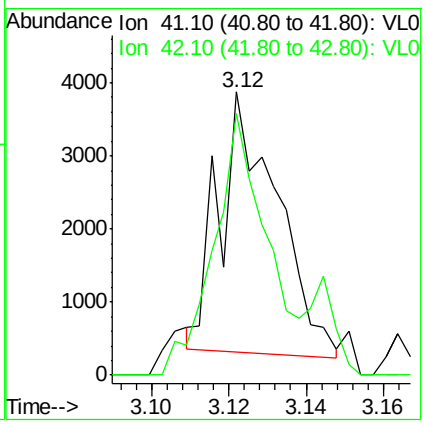


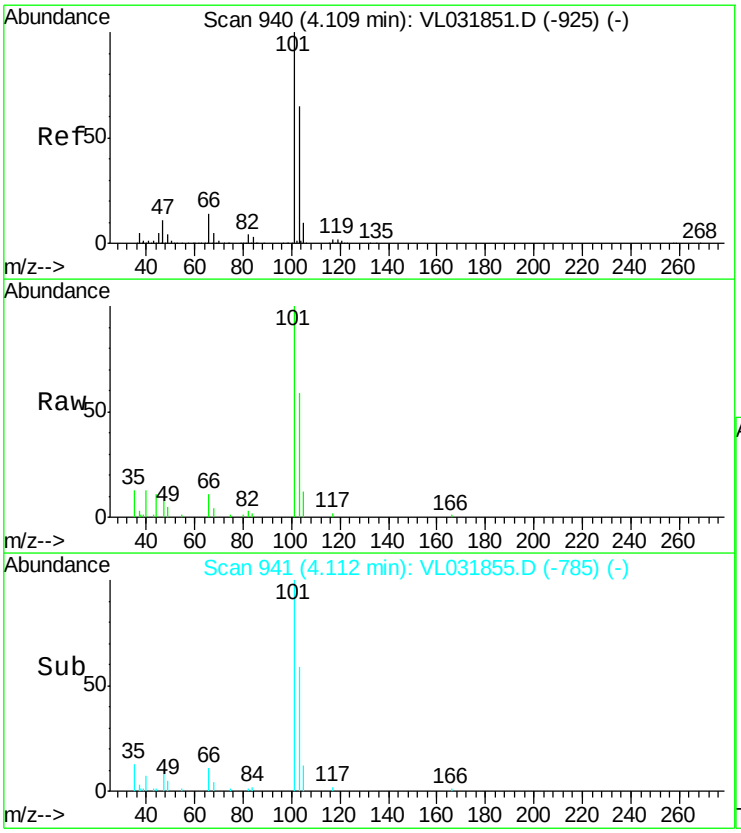
#9
Propene
Concen: 0.06 ppbv
RT: 3.12 min Scan# 633
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 3701

Ion	Ratio	Lower	Upper
41	100		
42	107.0	54.3	81.5#

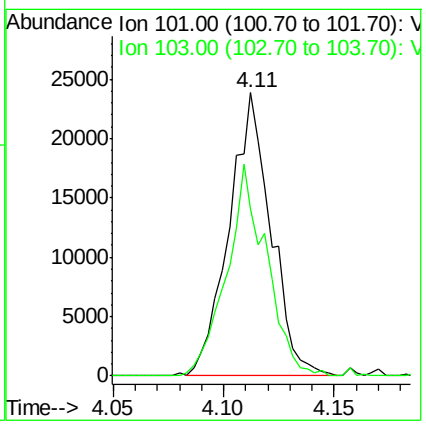


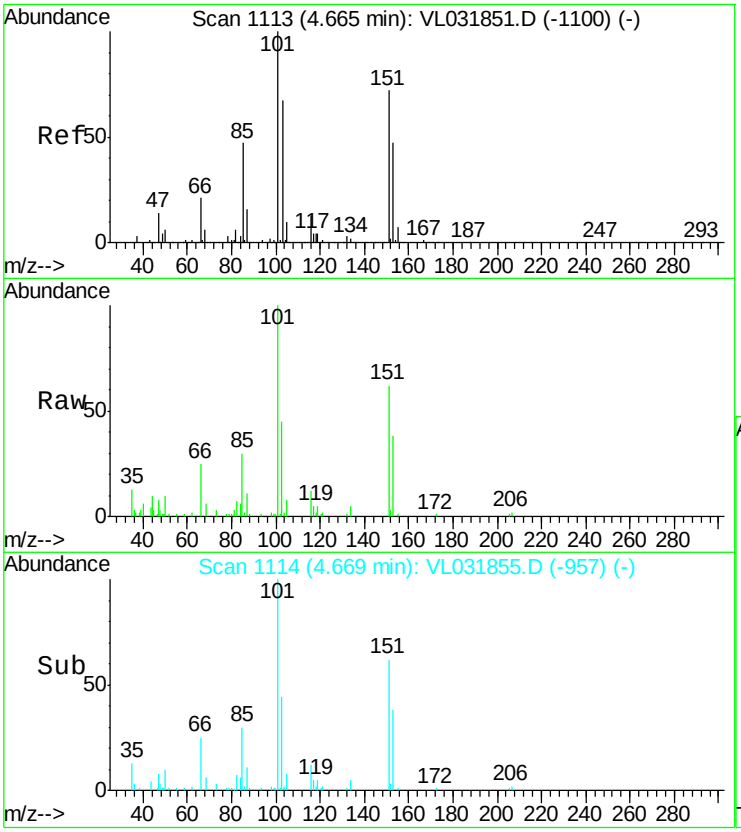


#11
Trichlorofluoromethane
Concen: 0.13 ppbv
RT: 4.11 min Scan# 941
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion:101 Resp: 31530

Ion	Ratio	Lower	Upper
101	100		
103	59.2	51.8	77.6



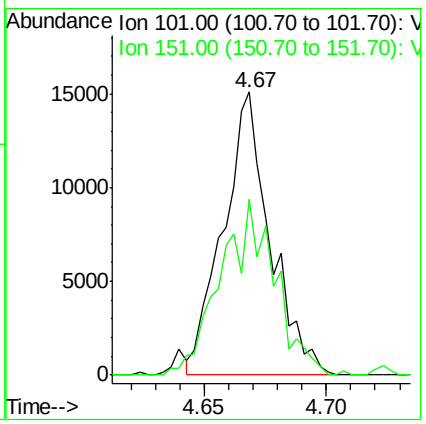


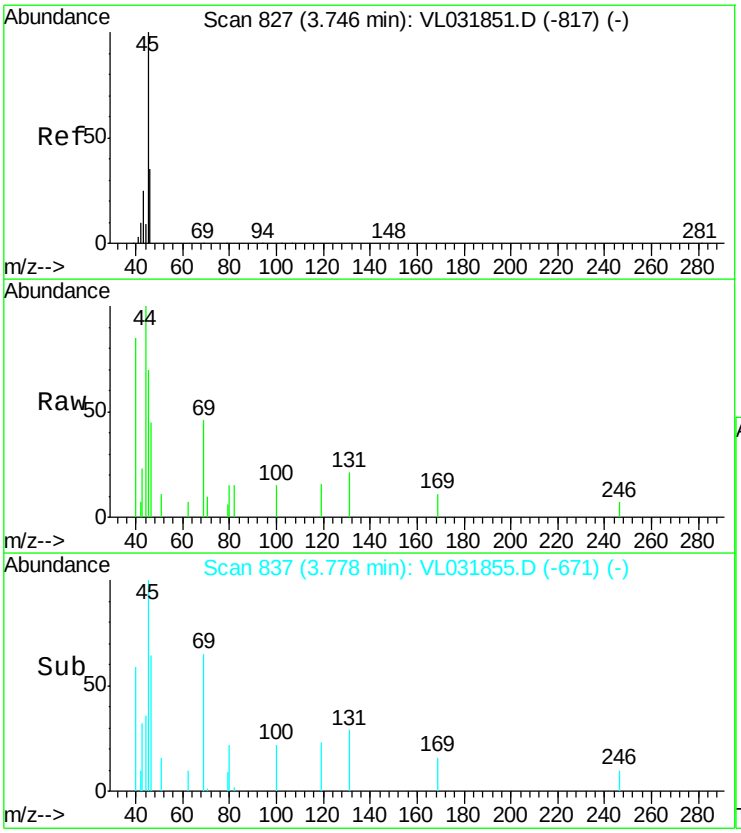
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.12 ppbv
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 20243

Ion	Ratio	Lower	Upper
101	100		
151	71.3	57.7	86.5

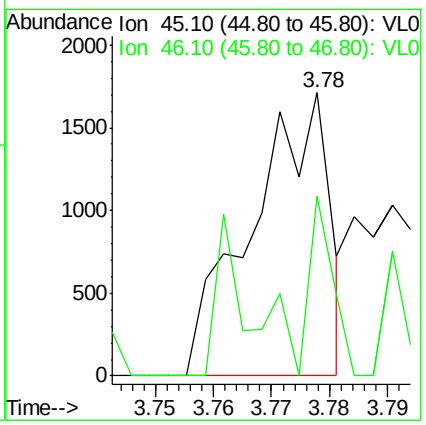


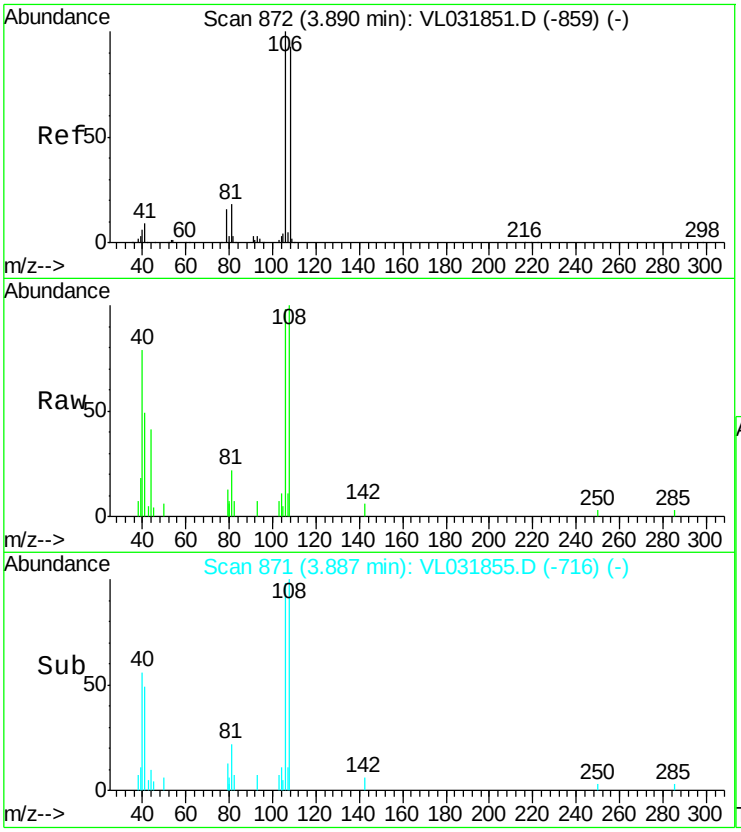


#13
Ethanol
Concen: 0.08 ppbv
RT: 3.78 min Scan# 837
Delta R.T. 0.03 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 45 Resp: 1590

Ion	Ratio	Lower	Upper
45	100		
46	43.9	14.6	58.4



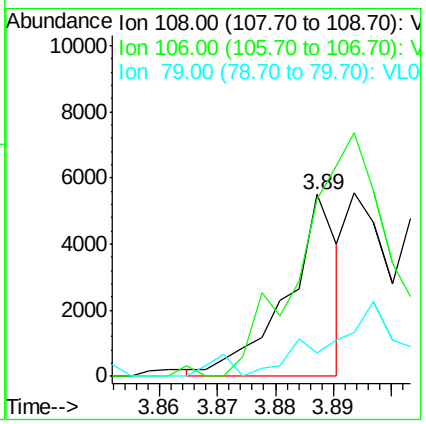


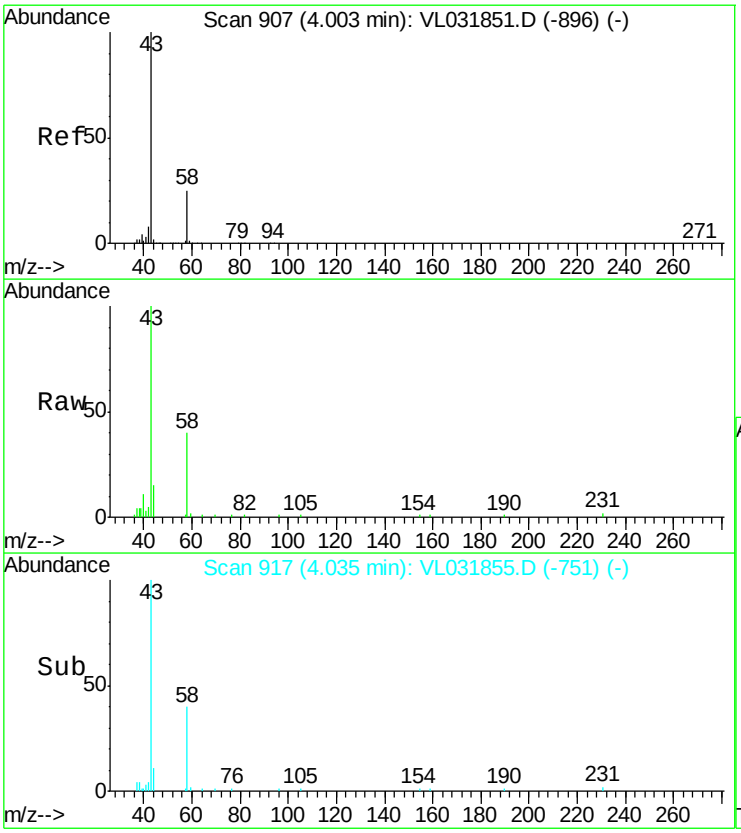
#14
Bromoethene
Concen: 0.05 ppbv
RT: 3.89 min Scan# 871
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 3310

Ion	Ratio	Lower	Upper
108	100		
106	0.0	86.9	130.3#
79	0.0	15.5	23.3#

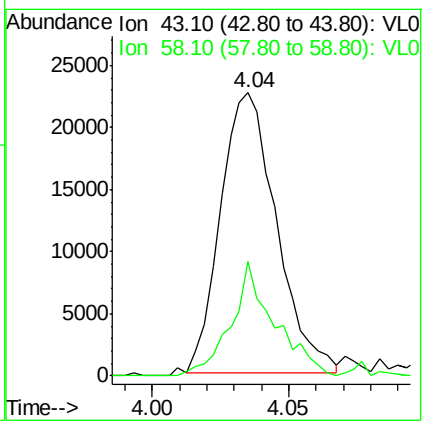


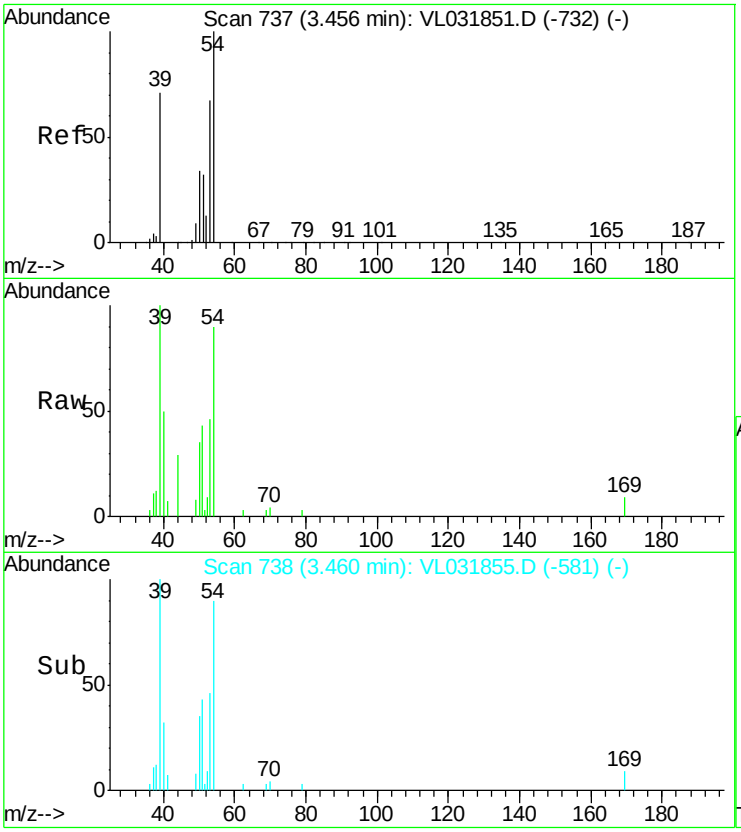


#15
Acetone
Concen: 0.15 ppbv
RT: 4.04 min Scan# 917
Delta R.T. 0.03 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 43 Resp: 32253

Ion	Ratio	Lower	Upper
43	100		
58	32.8	20.7	31.1#



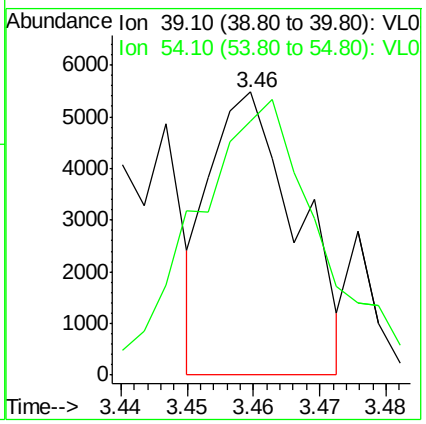


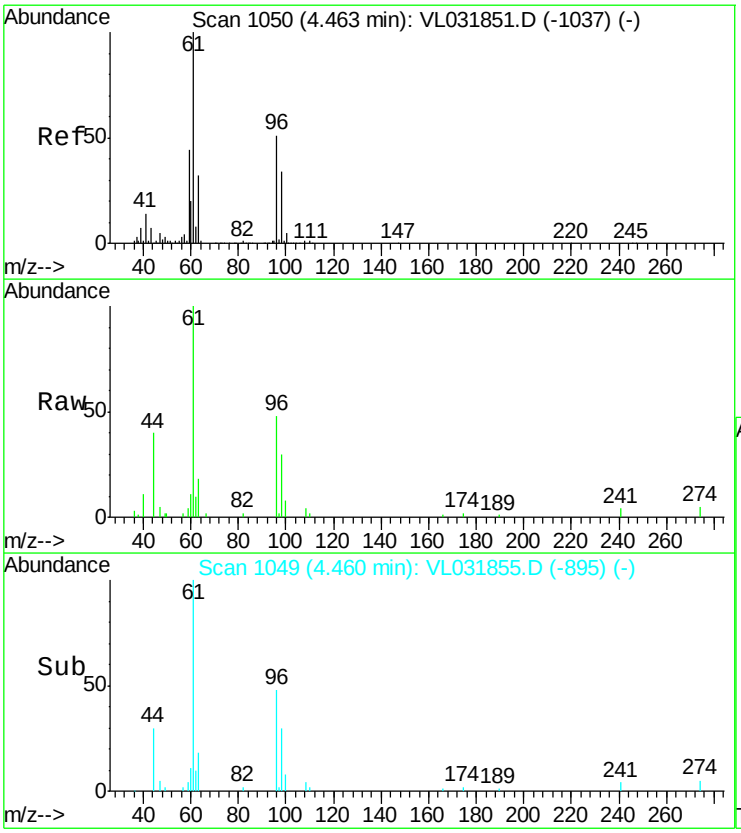
#16
1,3-Butadiene
Concen: 0.06 ppbv
RT: 3.46 min Scan# 738
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 4970

Ion	Ratio	Lower	Upper
39	100		
54	152.2	67.5	101.3#

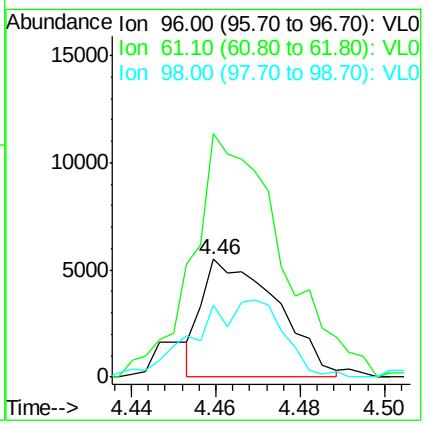


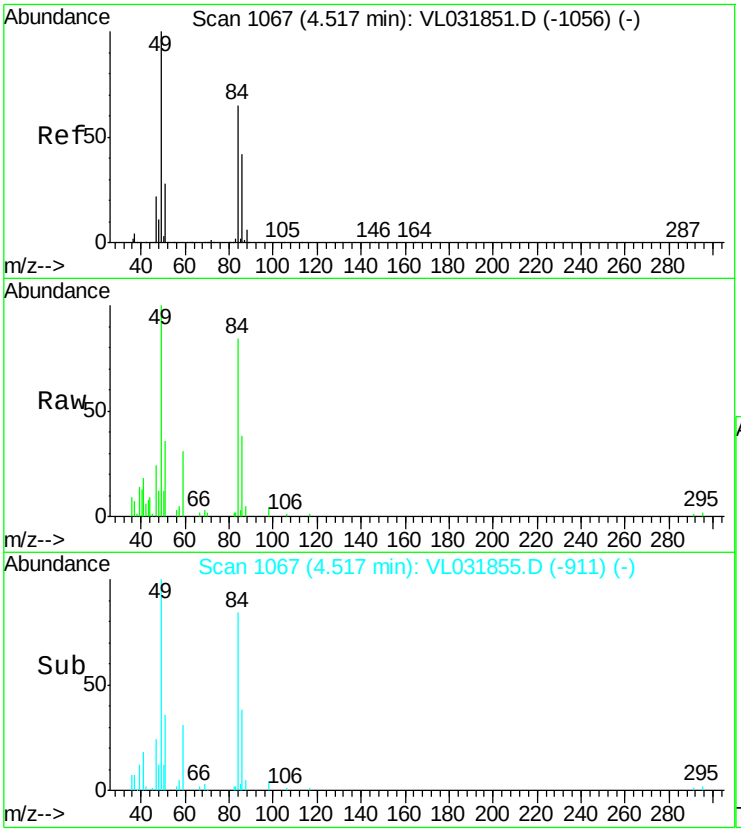


#18
1,1-Dichloroethene
Concen: 0.09 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 96 Resp: 6771

Ion	Ratio	Lower	Upper
96	100		
61	183.0	157.2	235.8
98	60.5	53.0	79.4



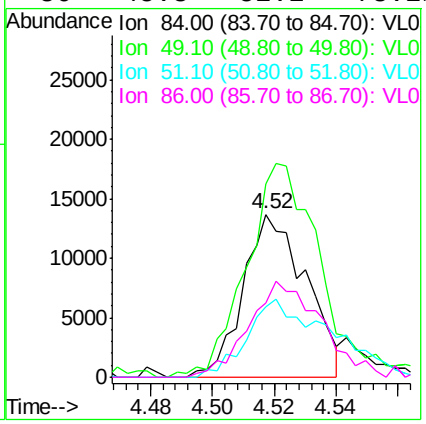


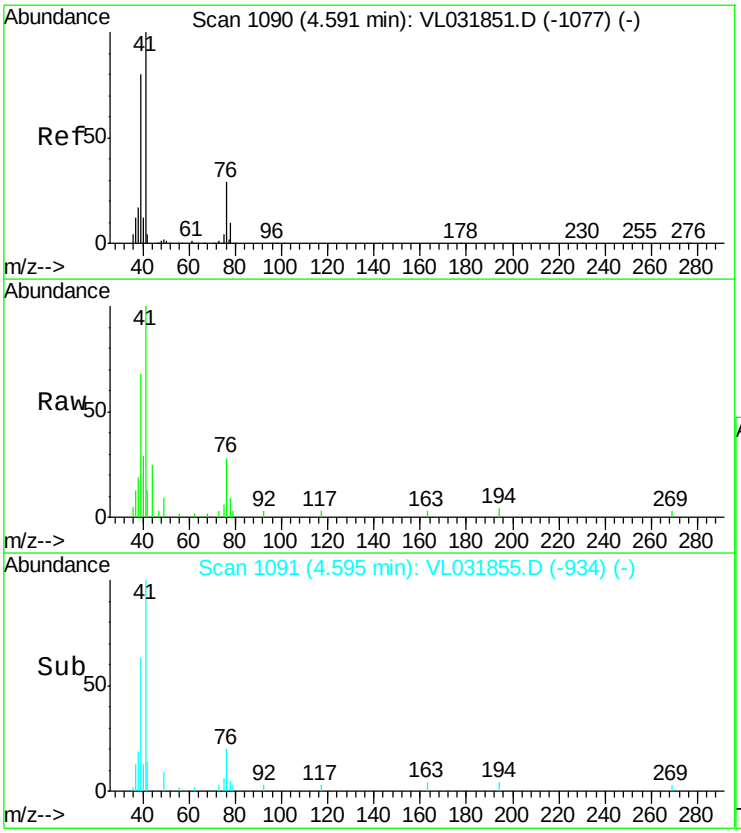
#20
Methylene Chloride
Concen: 0.26 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 19319

Ion	Ratio	Lower	Upper
84	100		
49	116.5	123.3	184.9#
51	43.2	35.0	52.6
86	45.3	52.2	78.2#

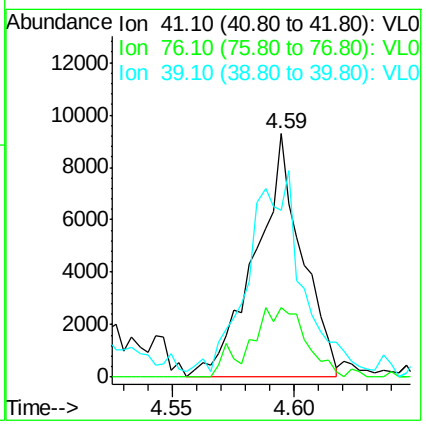


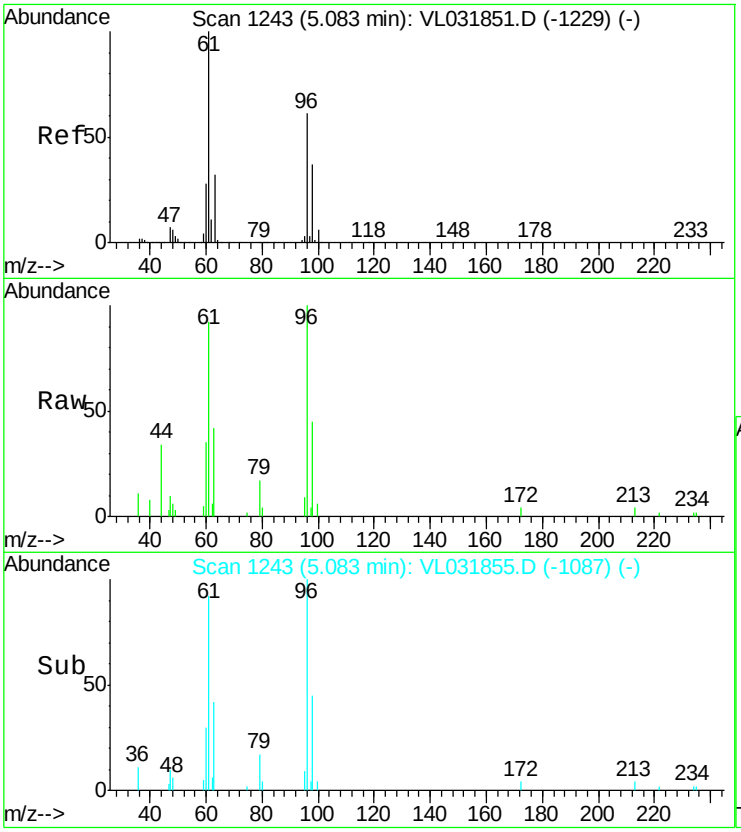


#21
Allyl Chloride
Concen: 0.10 ppbv
RT: 4.59 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 41 Resp: 12254

Ion	Ratio	Lower	Upper
41	100		
76	35.3	23.4	35.0#
39	109.2	65.4	98.2#



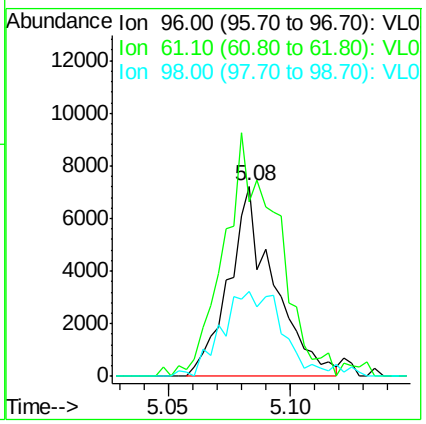


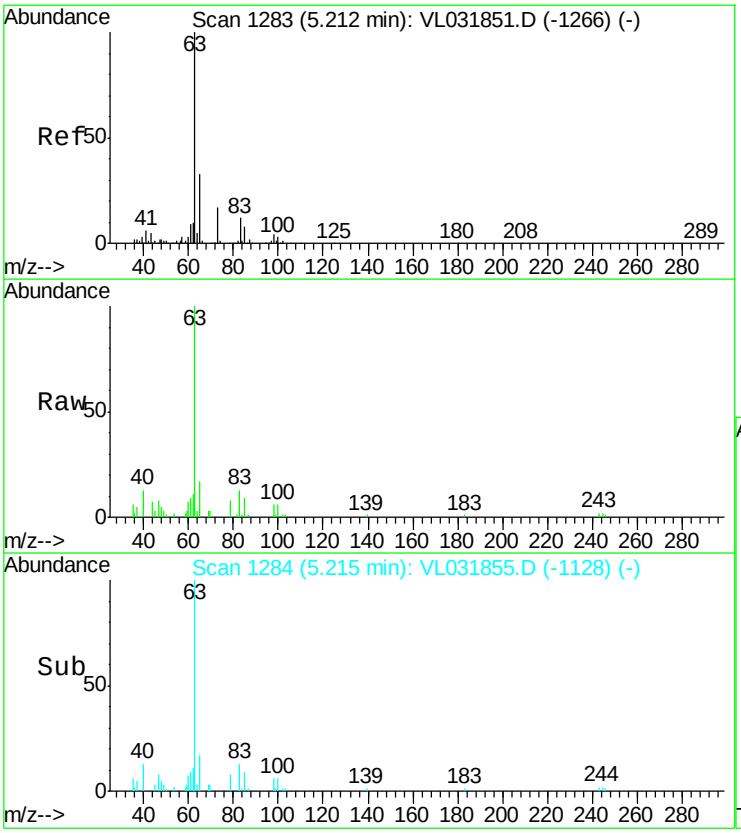
#22
trans-1,2-Dichloroethene
Concen: 0.12 ppbv
RT: 5.08 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 9242

Ion	Ratio	Lower	Upper
96	100		
61	91.8	130.2	195.2#
98	42.2	48.2	72.2#

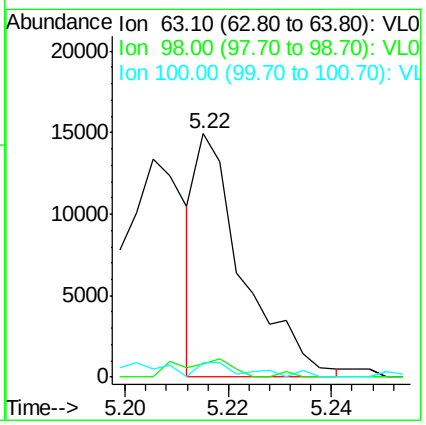


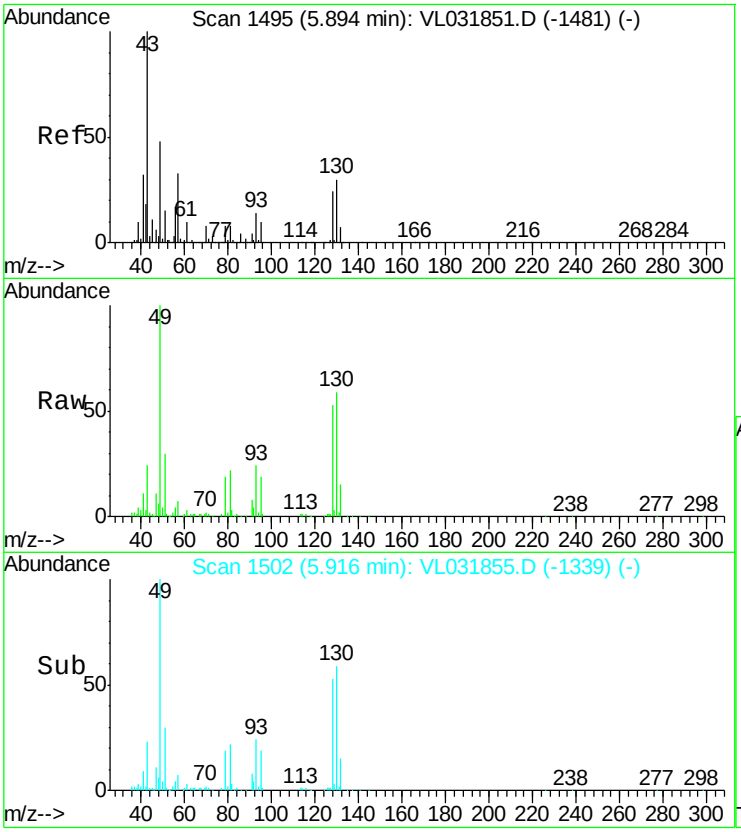


#24
1,1-Dichloroethane
Concen: 0.05 ppbv
RT: 5.22 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 63 Resp: 9431

Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.2	6.6
100	6.2	1.7	5.0#



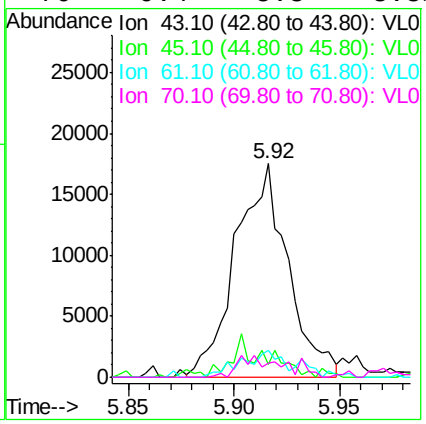


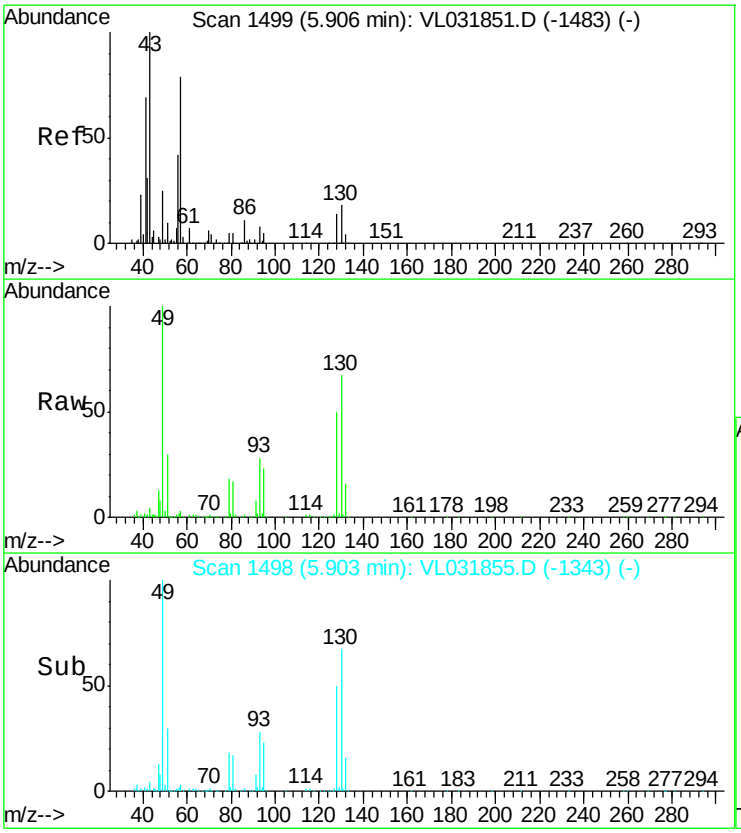
#25
Ethyl Acetate
Concen: 0.09 ppbv
RT: 5.92 min Scan# 1502
Delta R.T. 0.02 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 30155

Ion	Ratio	Lower	Upper
43	100		
45	14.9	7.8	11.8#
61	12.6	7.5	11.3#
70	9.4	5.8	8.8#

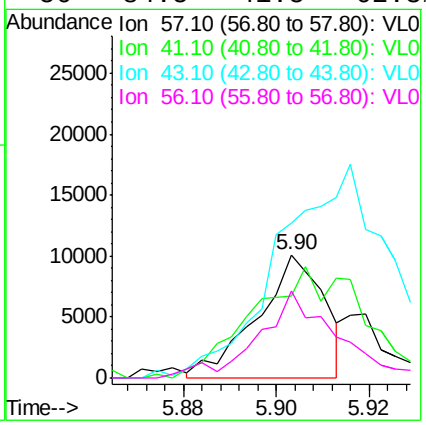


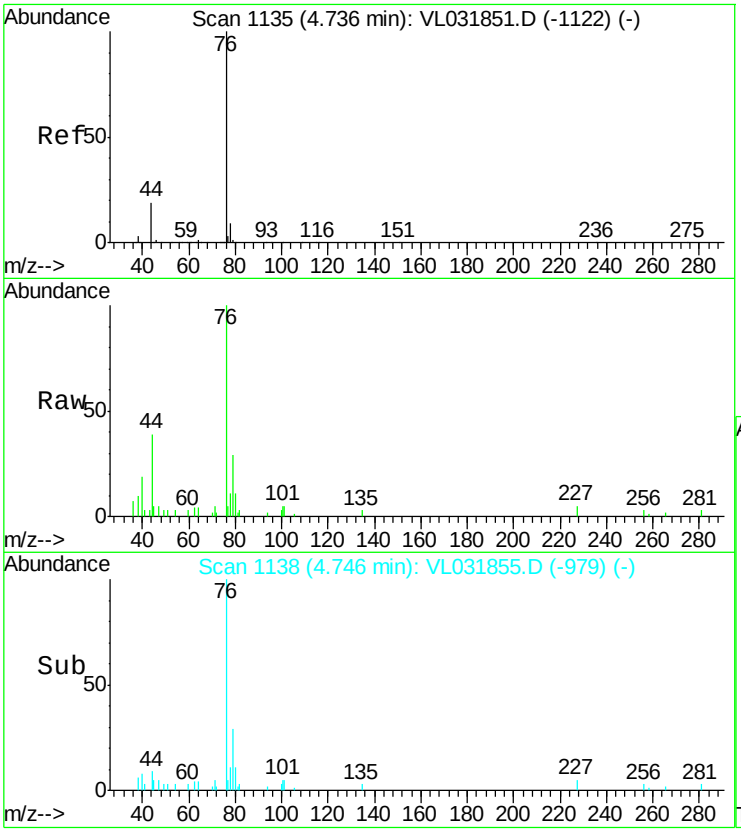


#26
Hexane
Concen: 0.06 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 57 Resp: 10101

Ion	Ratio	Lower	Upper
57	100		
41	152.8	71.7	107.5#
43	0.0	172.0	258.0#
56	84.5	41.5	62.3#



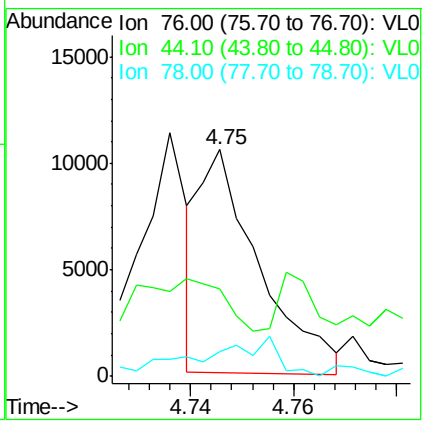


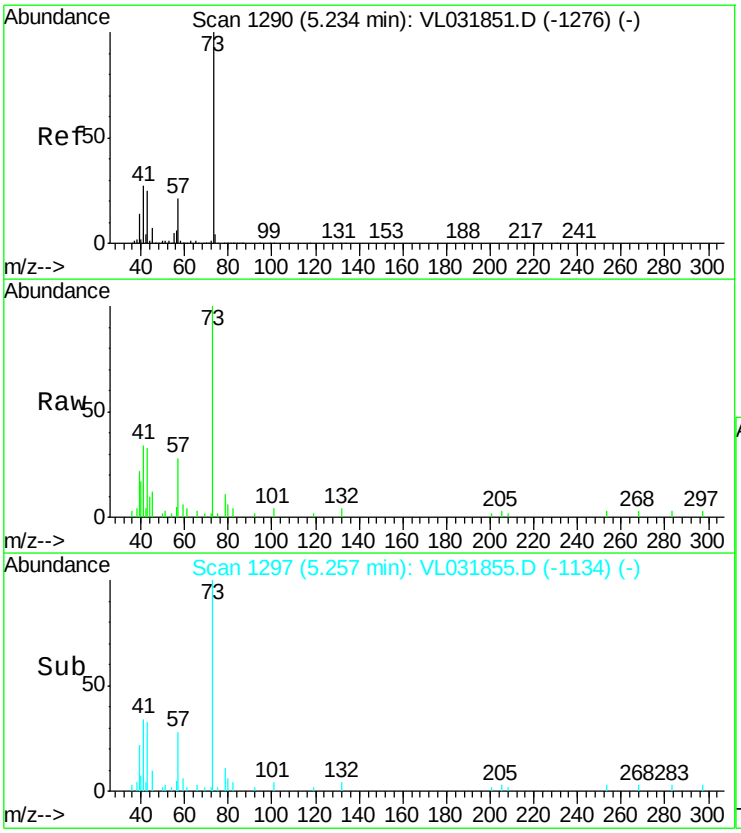
#27
Carbon Disulfide
Concen: 0.05 ppbv
RT: 4.75 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 76 Resp: 8402

Ion	Ratio	Lower	Upper
76	100		
44	114.8	14.8	22.2#
78	29.8	7.4	11.2#

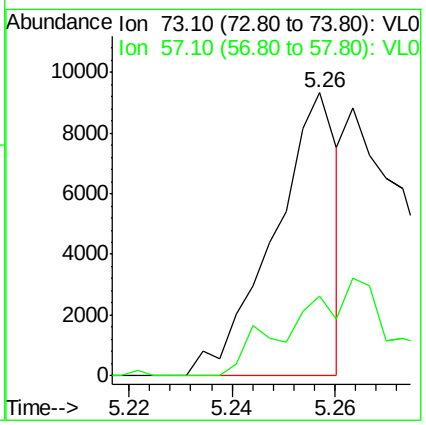


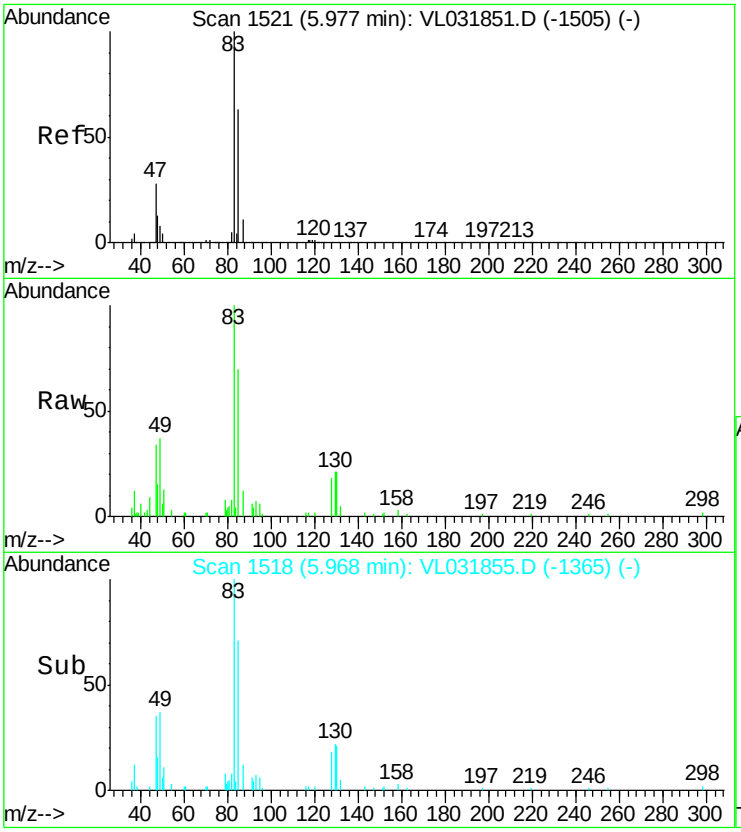


#28
Methyl tert-Butyl Ether
Concen: 0.04 ppbv
RT: 5.26 min Scan# 1297
Delta R.T. 0.02 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 73 Resp: 7945

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.3	25.9#



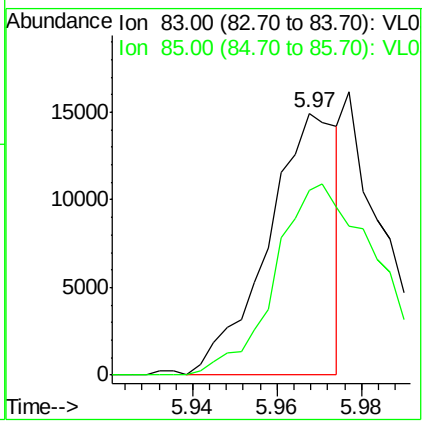


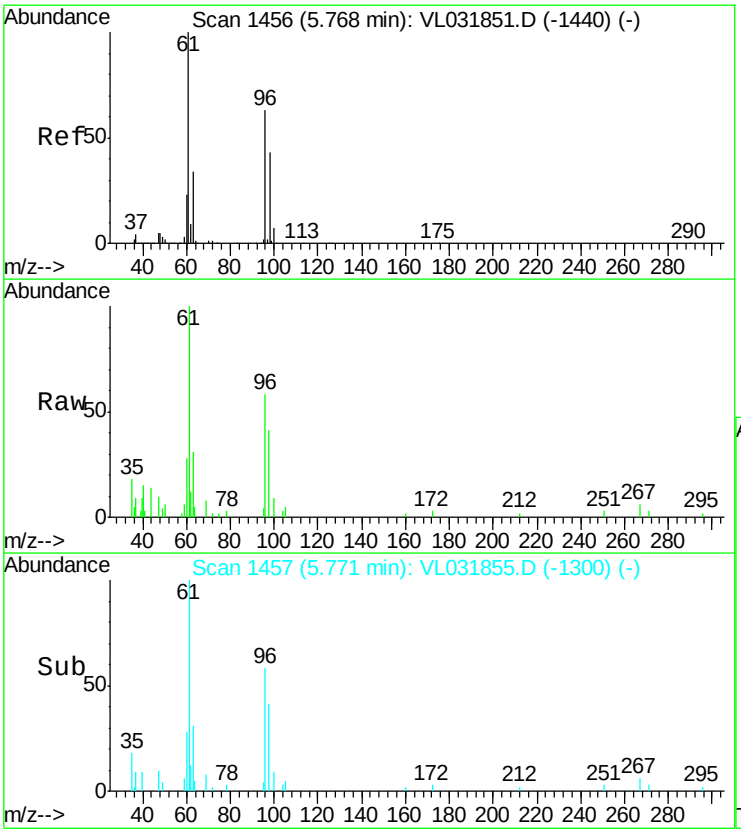
#29
Chloroform
Concen: 0.07 ppbv
RT: 5.97 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 17092

Ion	Ratio	Lower	Upper
83	100		
85	70.3	50.4	75.6

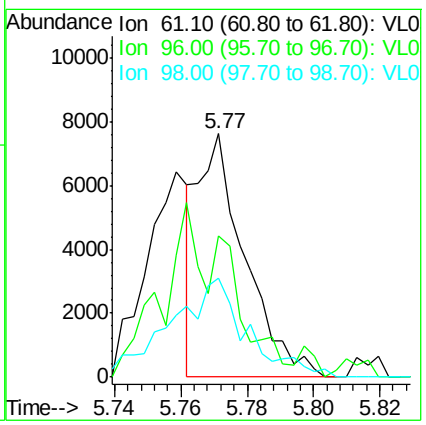


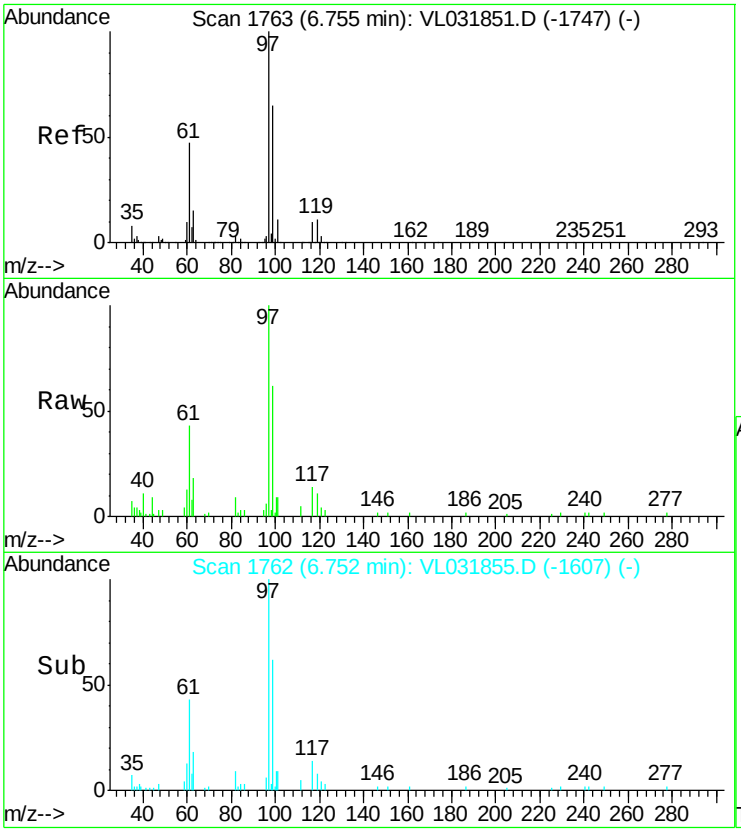


#31
cis-1,2-Dichloroethene
Concen: 0.05 ppbv
RT: 5.77 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 61 Resp: 7499

Ion	Ratio	Lower	Upper
61	100		
96	49.4	50.4	75.6#
98	36.6	34.1	51.1



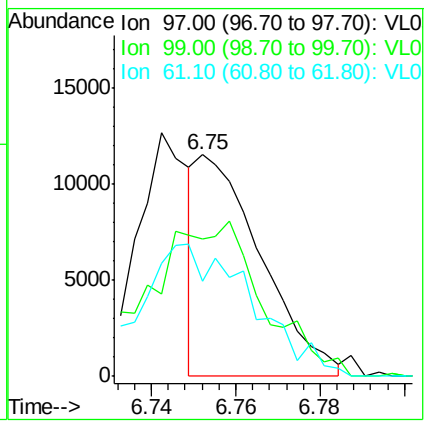


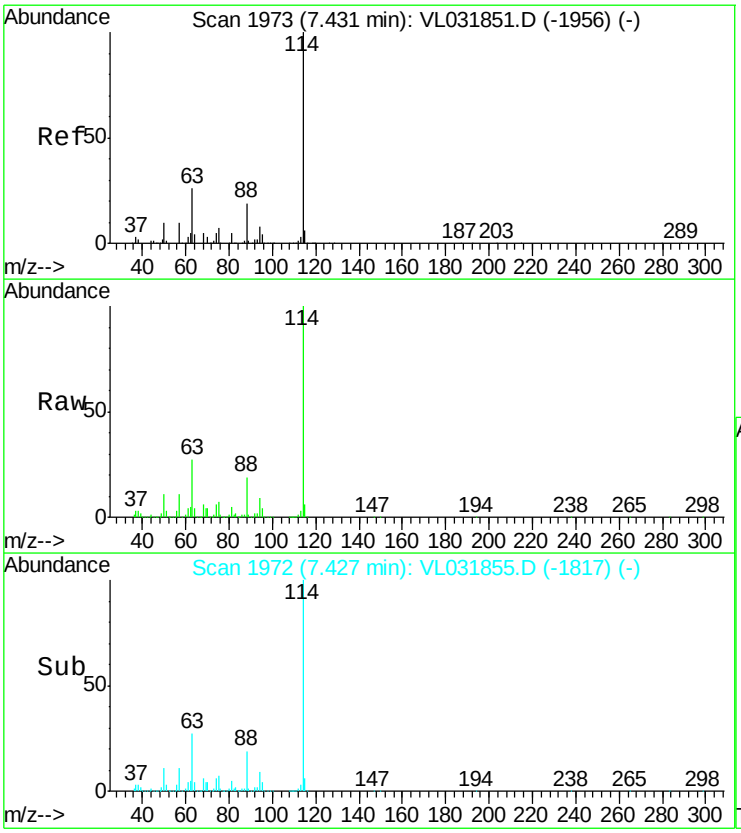
#32
1,1,1-Trichloroethane
Concen: 0.05 ppbv
RT: 6.75 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 12136

Ion	Ratio	Lower	Upper
97	100		
99	124.9	51.5	77.3#
61	106.9	39.0	58.4#

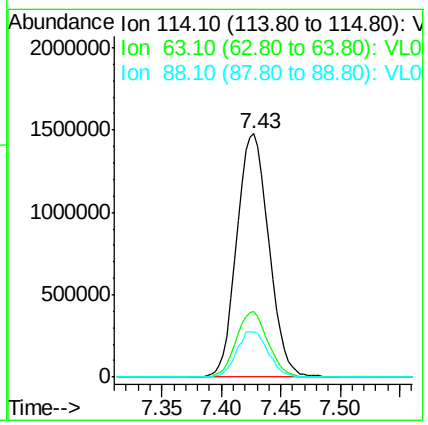


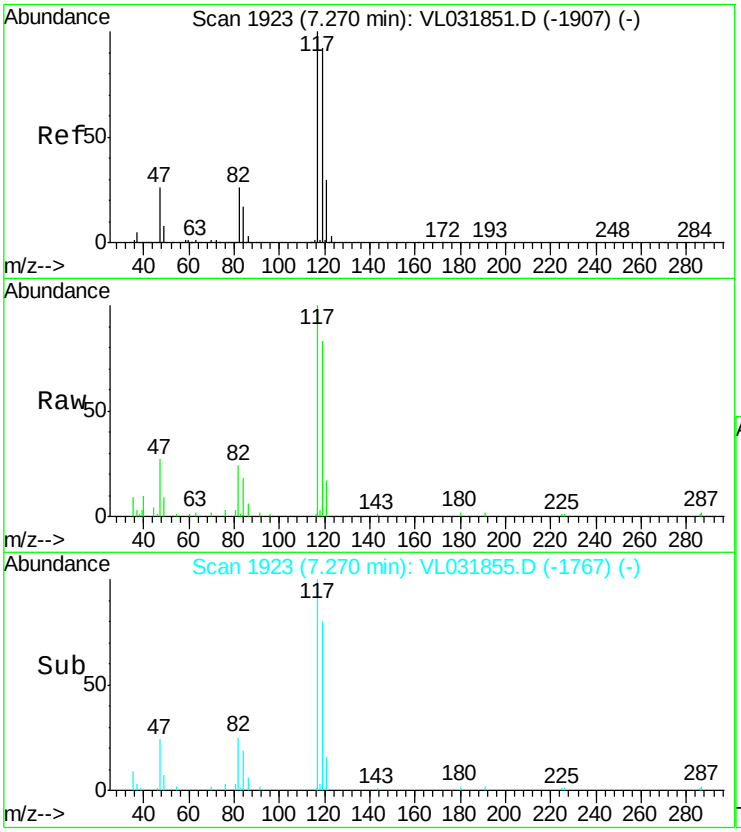


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion:114 Resp: 2762476

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.4	32.2
88	18.7	14.7	22.1



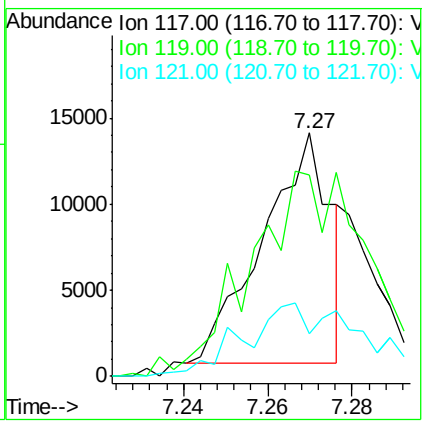


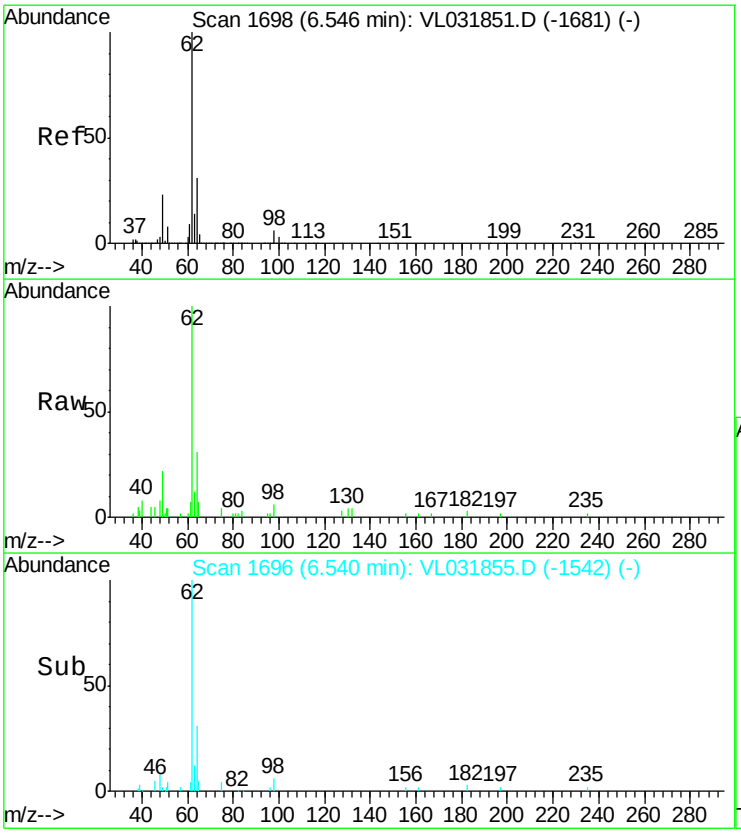
#35
Carbon Tetrachloride
Concen: 0.07 ppbv
RT: 7.27 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 14906

Ion	Ratio	Lower	Upper
117	100		
119	79.6	73.4	110.0
121	15.7	24.2	36.4#

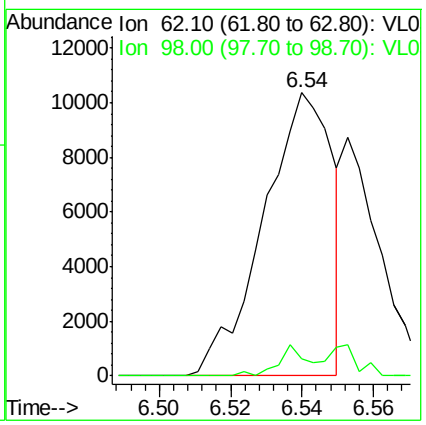


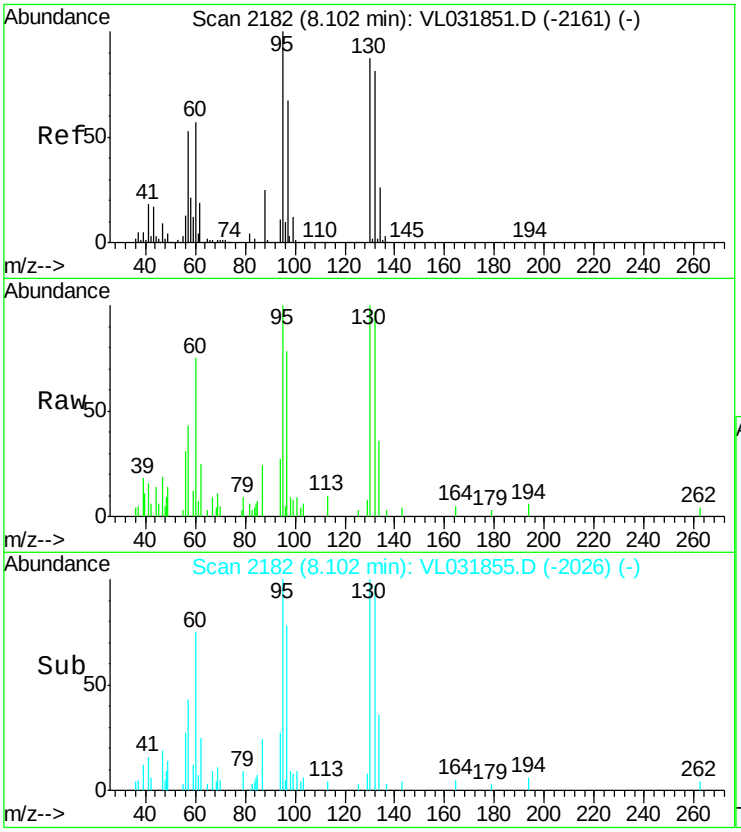


#37
1,2-Dichloroethane
Concen: 0.08 ppbv
RT: 6.54 min Scan# 1696
Delta R.T. -0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 62 Resp: 13822

Ion	Ratio	Lower	Upper
62	100		
98	9.0	4.5	6.7#



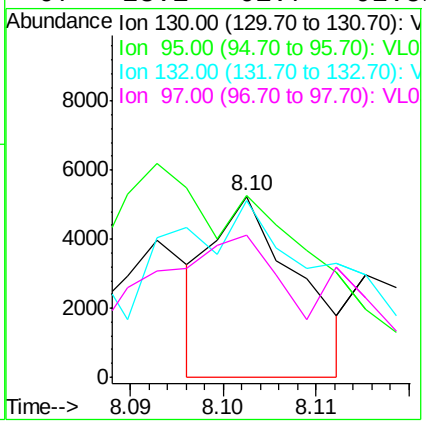


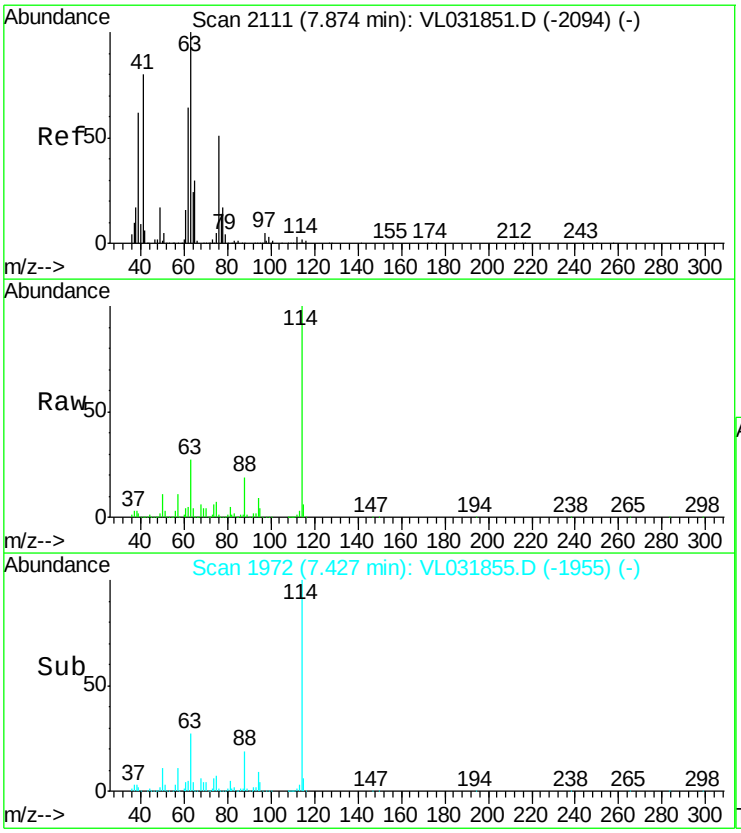
#38
Trichloroethene
Concen: 0.03 ppbv
RT: 8.10 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:130 Resp: 3322

Ion	Ratio	Lower	Upper
130	100		
95	64.3	92.1	138.1#
132	52.4	74.8	112.2#
97	28.1	61.7	92.5#

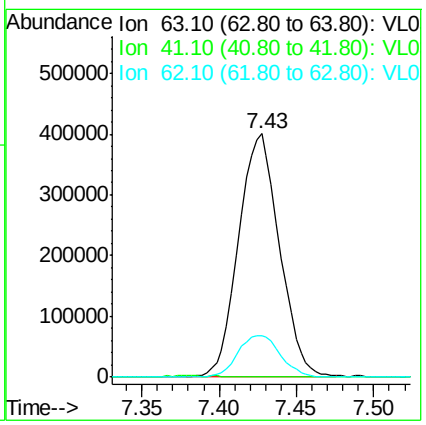


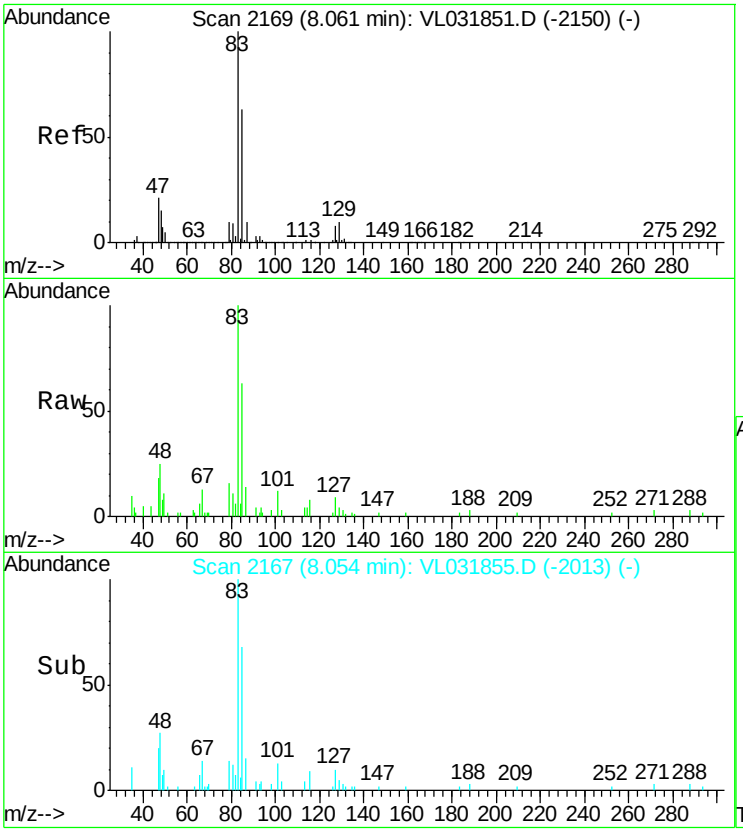


#39
1,2-Dichloropropane
Concen: 7.81 ppbv
RT: 7.43 min Scan# 1972
Delta R.T. -0.45 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 63 Resp: 734040

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.1	96.1#
62	16.8	51.5	77.3#



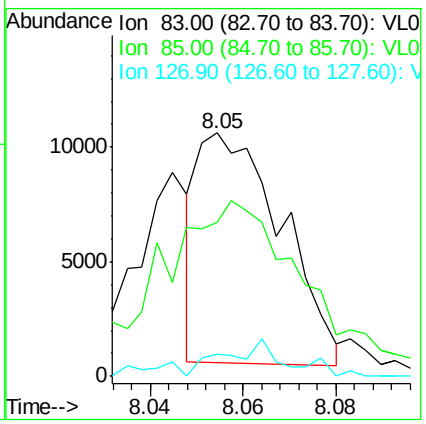


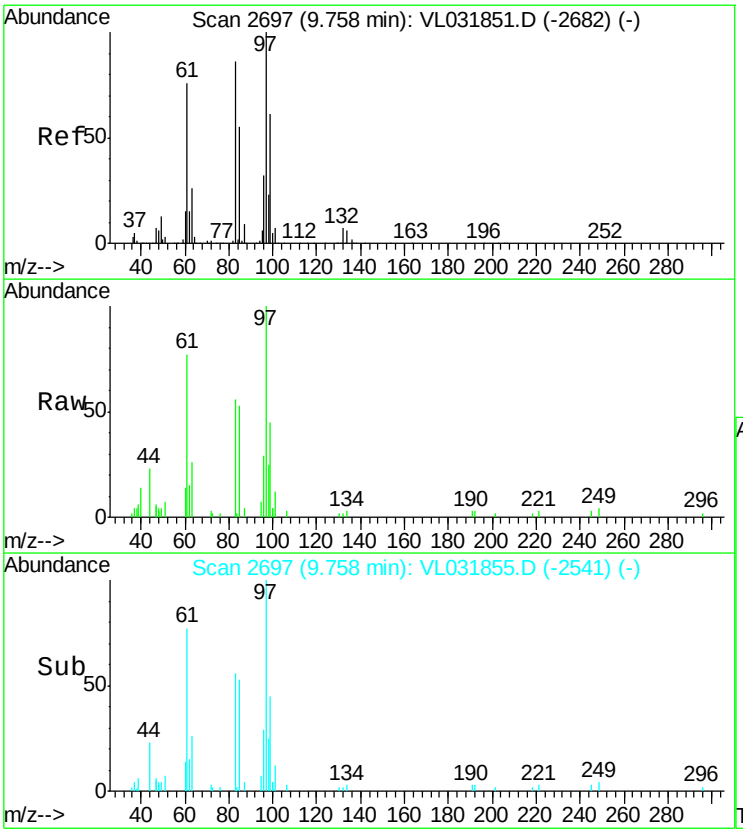
#42
Bromodichloromethane
Concen: 0.06 ppbv
RT: 8.05 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 12586

Ion	Ratio	Lower	Upper
83	100		
85	53.4	50.3	75.5
127	10.3	6.1	9.1#

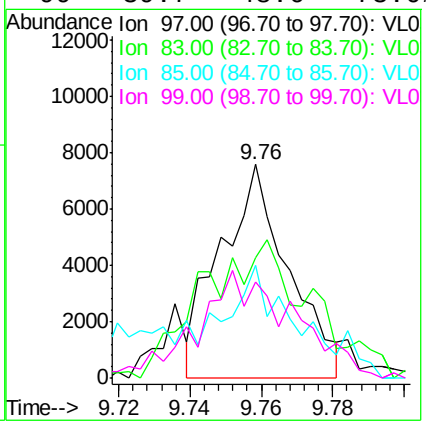


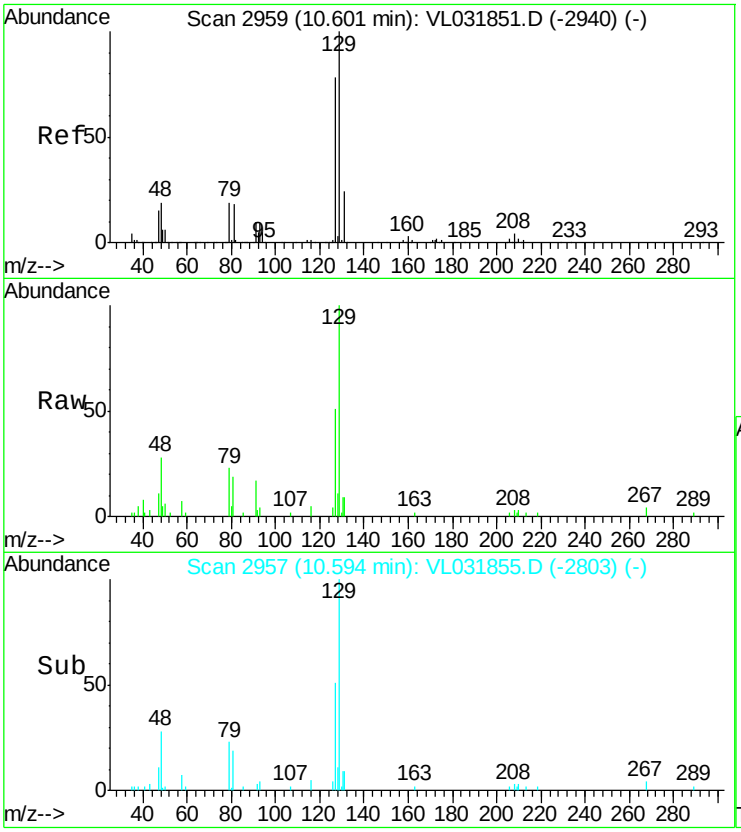


#47
1,1,2-Trichloroethane
Concen: 0.09 ppbv
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 97 Resp: 10043

Ion	Ratio	Lower	Upper
97	100		
83	51.0	68.4	102.6#
85	51.0	44.5	66.7
99	39.7	48.6	73.0#



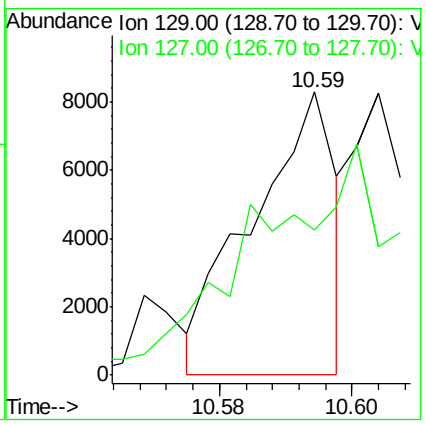


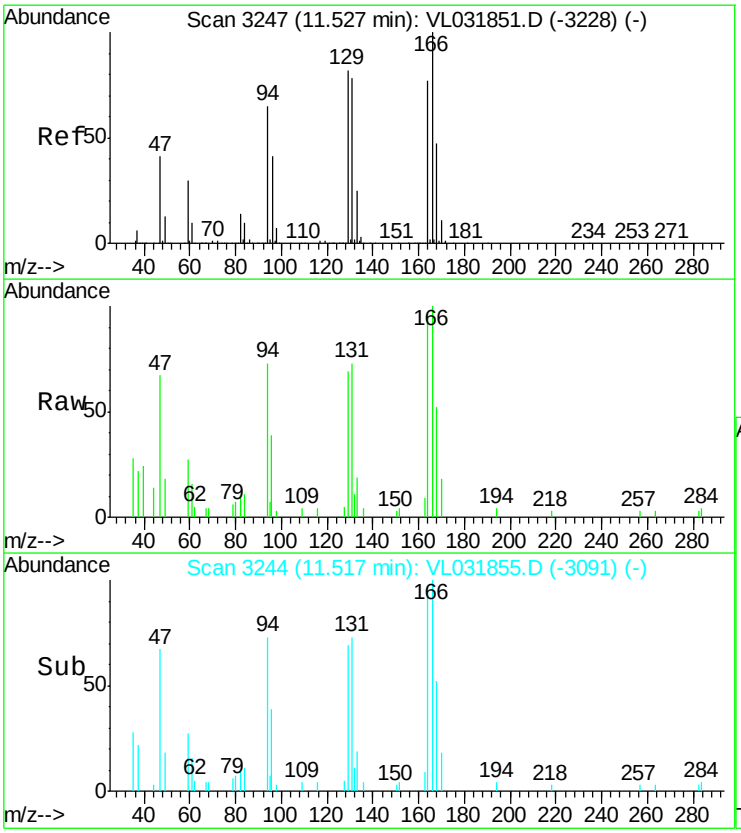
#48
Dibromochloromethane
Concen: 0.04 ppbv
RT: 10.59 min Scan# 2957
Delta R.T. -0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:129 Resp: 7223

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#

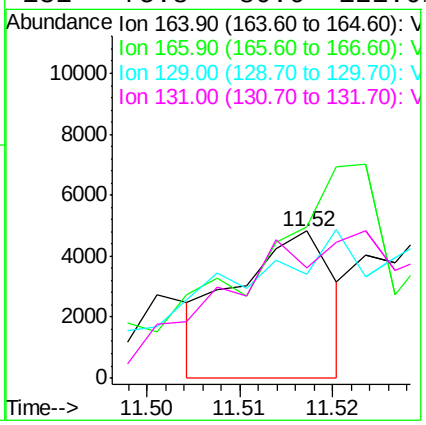


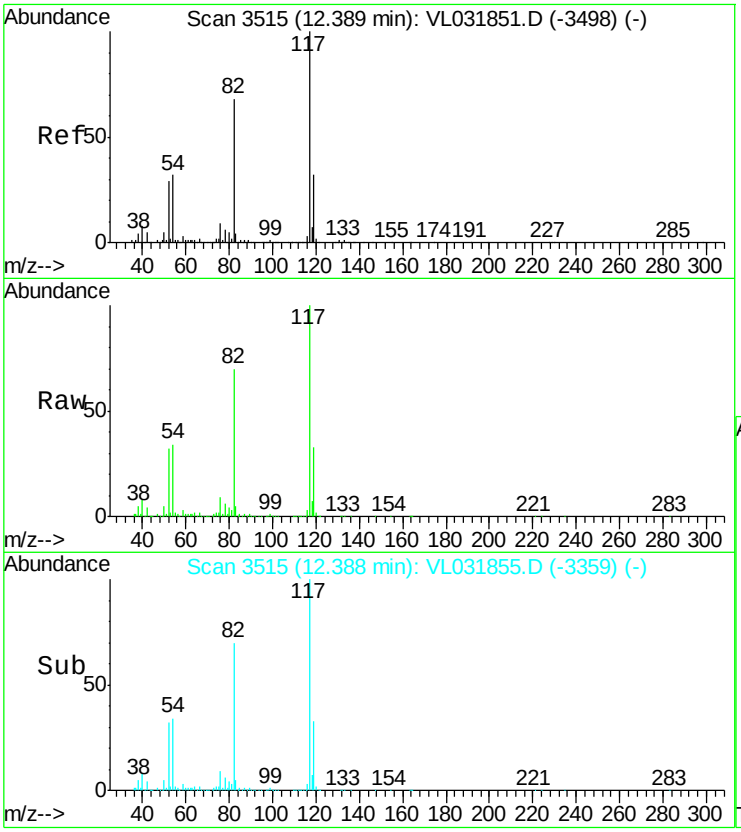


#52
Tetrachloroethene
Concen: 0.03 ppbv
RT: 11.52 min Scan# 3244
Delta R.T. -0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion:164 Resp: 3493

Ion	Ratio	Lower	Upper
164	100		
166	94.2	103.3	154.9#
129	34.9	84.2	126.4#
131	75.8	80.6	121.0#



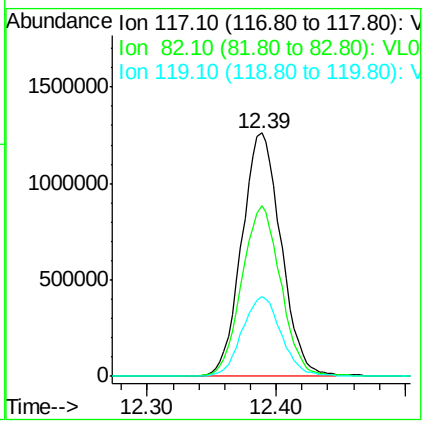


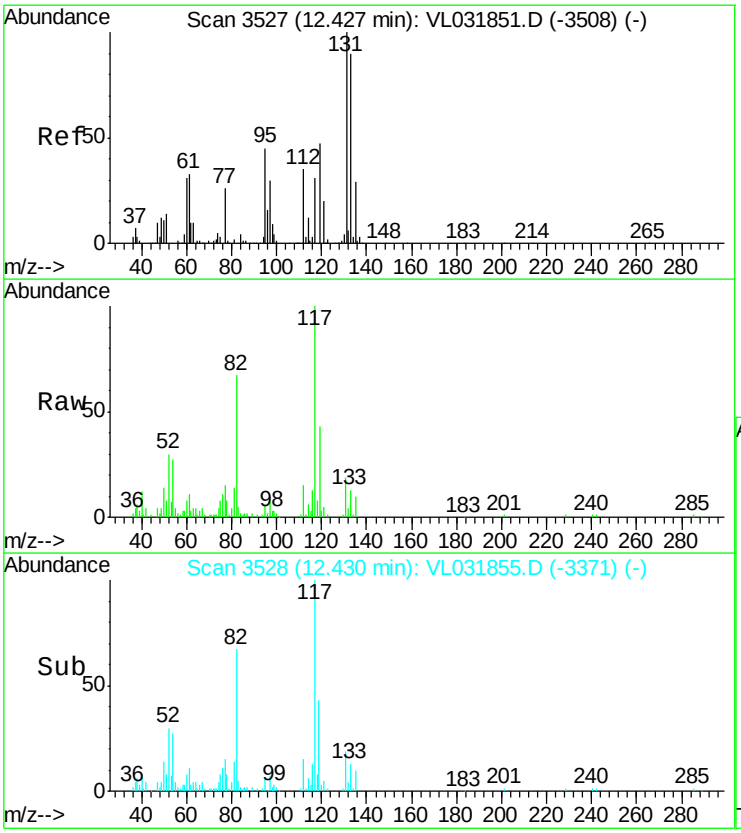
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 2677059

Ion	Ratio	Lower	Upper
117	100		
82	70.2	52.9	79.3
119	32.9	43.8	65.6#

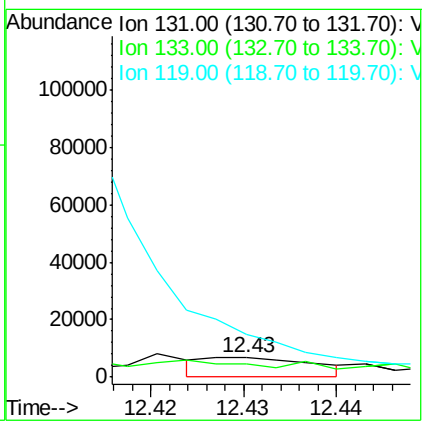


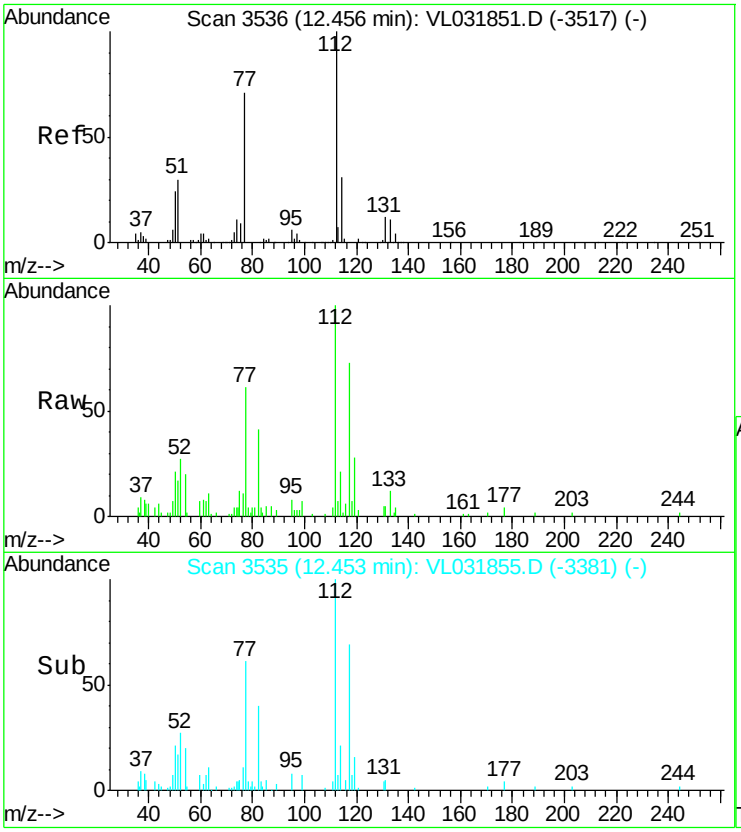


#56
1,1,1,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 12.43 min Scan# 3528
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion:131 Resp: 5391

Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.9	113.9#
119	0.0	106.7	160.1#



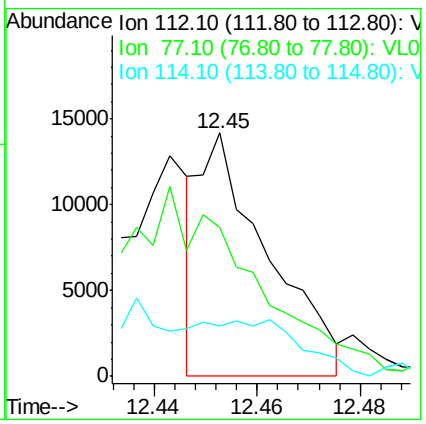


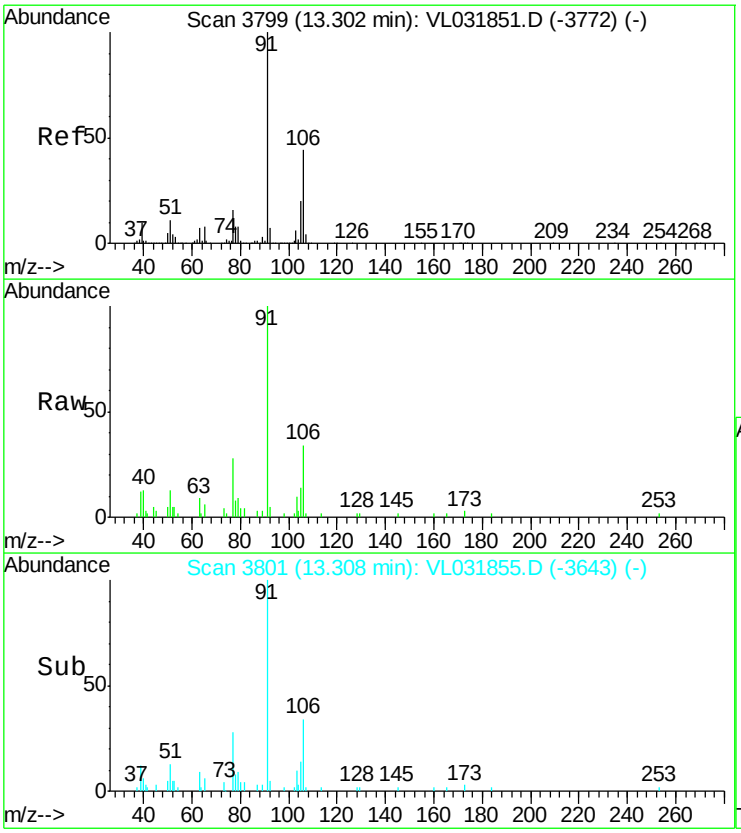
#57
Chlorobenzene
Concen: 0.05 ppbv
RT: 12.45 min Scan# 3535
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 12932

Ion	Ratio	Lower	Upper
112	100		
77	55.0	58.2	87.2#
114	14.9	28.4	34.7#

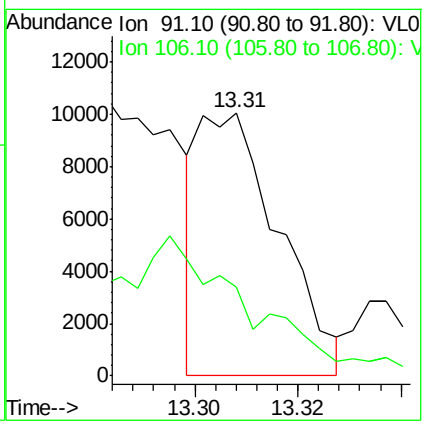


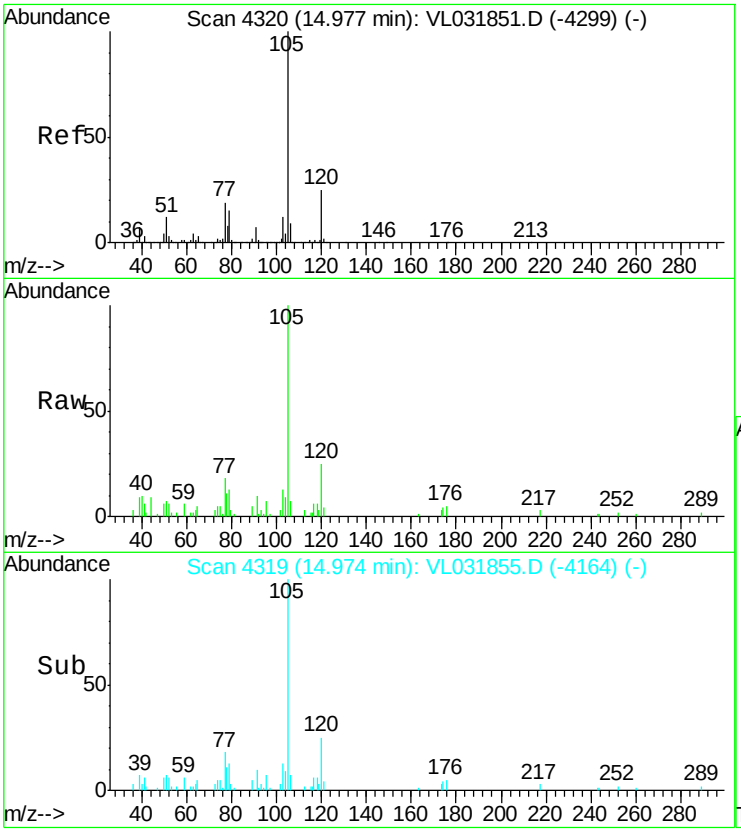


#59
m/p-Xylene
Concen: 0.03 ppbv
RT: 13.31 min Scan# 3801
Delta R.T. 0.01 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 91 Resp: 10782

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0



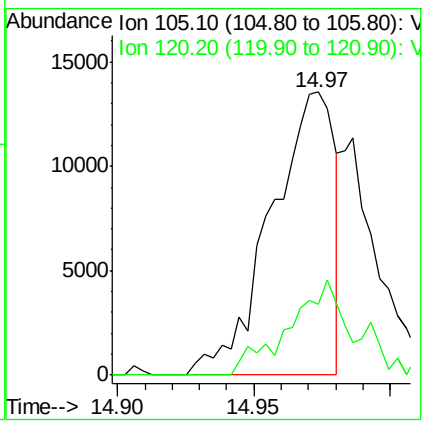


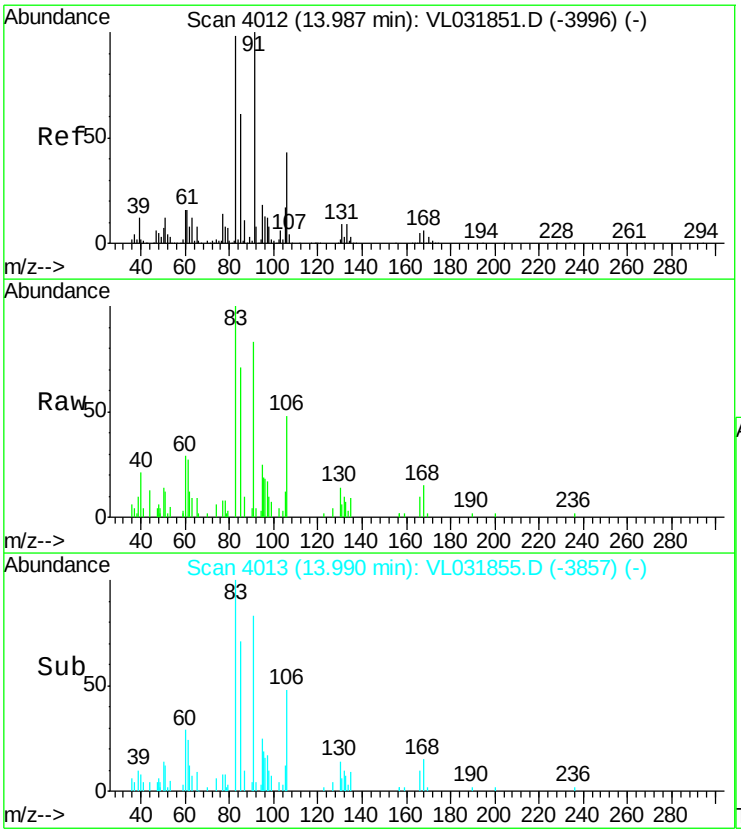
#62
Isopropylbenzene
Concen: 0.05 ppbv
RT: 14.97 min Scan# 4319
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:105 Resp: 21883

Ion	Ratio	Lower	Upper
105	100		
120	36.5	19.8	29.6#

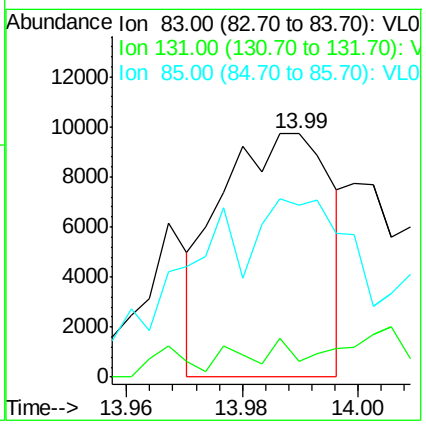


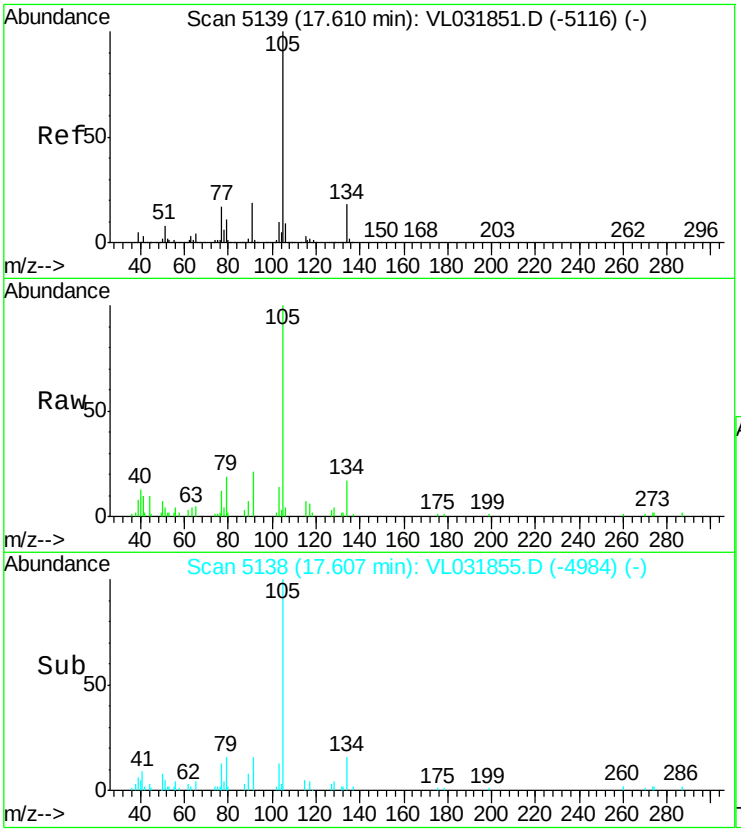


#63
1,1,2,2-Tetrachloroethane
Concen: 0.06 ppbv
RT: 13.99 min Scan# 4013
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 83 Resp: 12867

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	139.2	32.8	98.4#



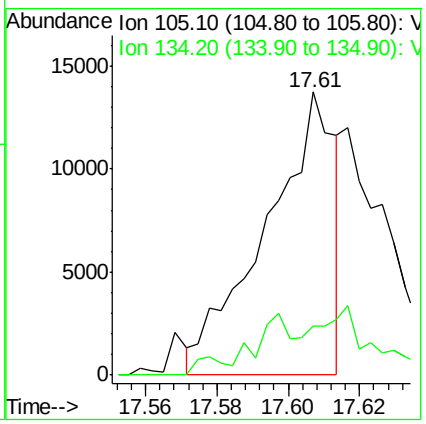


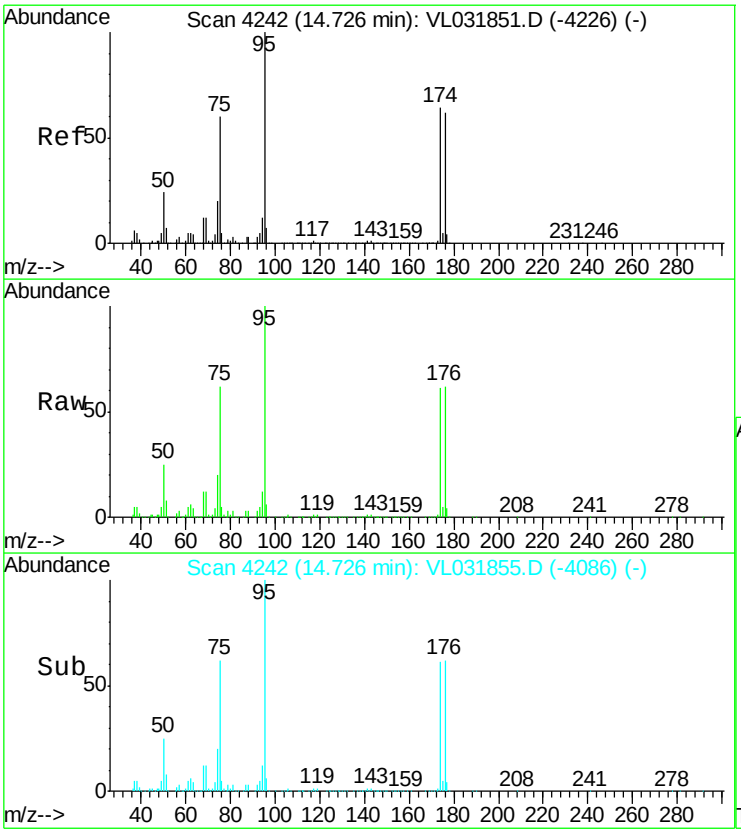
#67
sec-Butylbenzene
Concen: 0.03 ppbv
RT: 17.61 min Scan# 5138
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 18323

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.0	21.0#

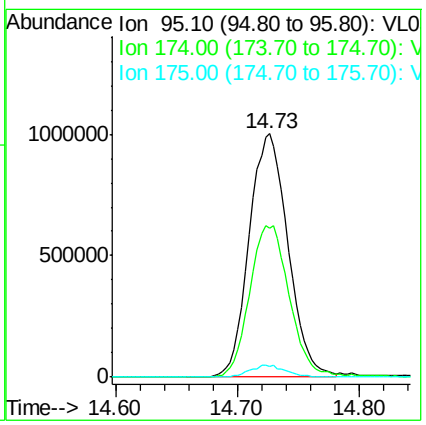


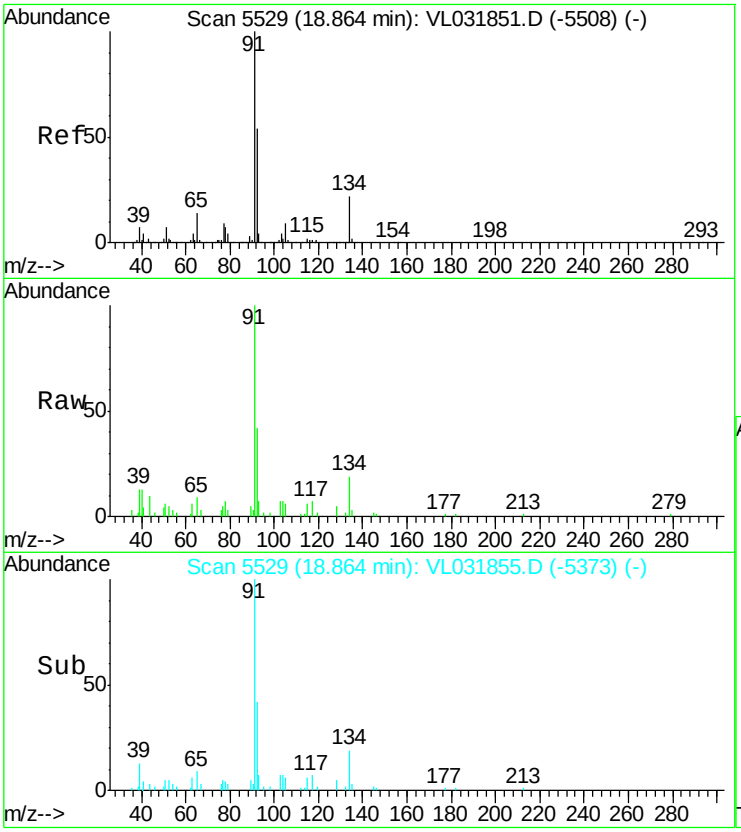


#68
1-Bromo-4-Fluorobenzene
Concen: 10.96 ppbv
RT: 14.73 min Scan# 4242
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 95 Resp: 2204485

Ion	Ratio	Lower	Upper
95	100		
174	64.7	52.2	78.2
175	4.7	3.8	5.8



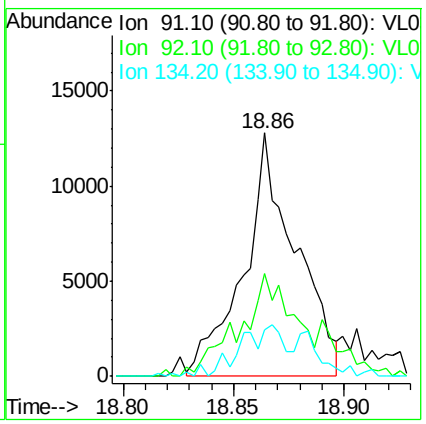


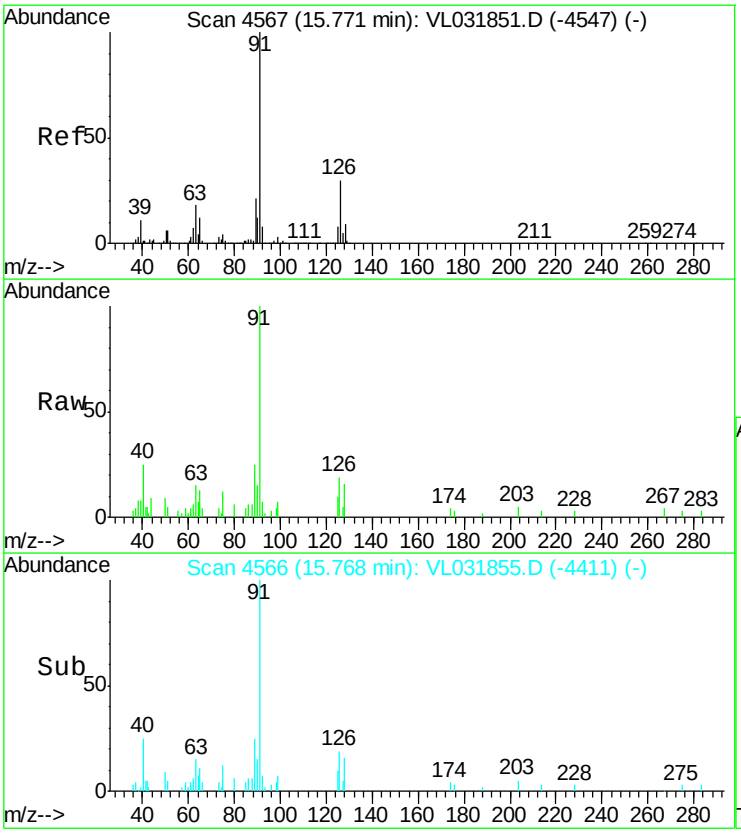
#70
n-Butylbenzene
Concen: 0.05 ppbv
RT: 18.86 min Scan# 5529
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 20872

Ion	Ratio	Lower	Upper
91	100		
92	55.6	42.2	63.4
134	27.4	17.2	25.8#

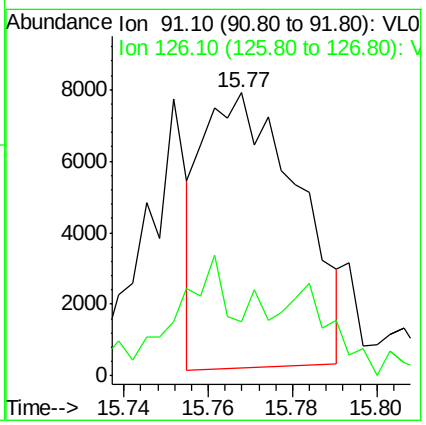


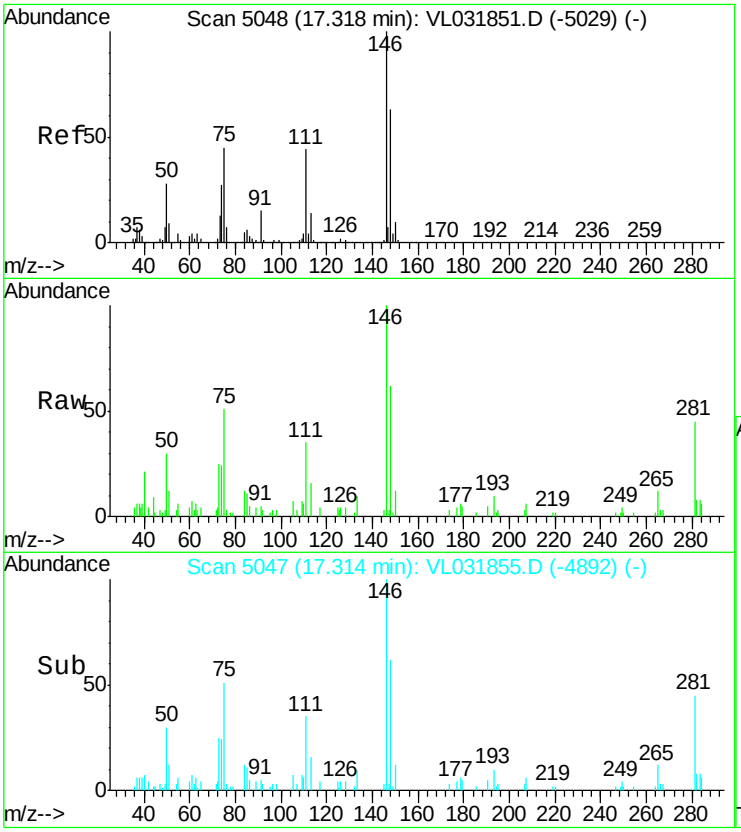


#71
2-Chlorotoluene
Concen: 0.04 ppbv
RT: 15.77 min Scan# 4566
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion: 91 Resp: 12063

Ion	Ratio	Lower	Upper
91	100		
126	55.3	11.5	45.9#



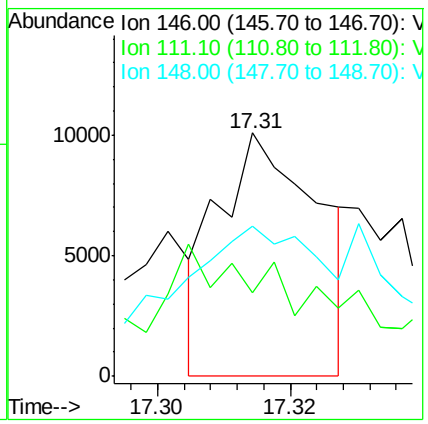


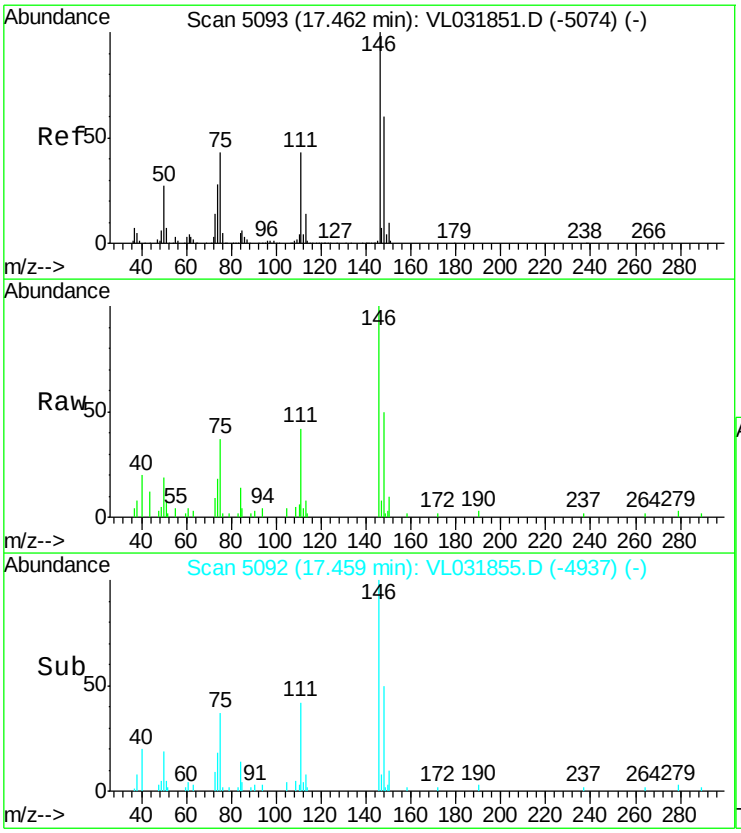
#75
1,3-Dichlorobenzene
Concen: 0.05 ppbv
RT: 17.31 min Scan# 5047
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 10590

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.0#
148	0.0	32.1	96.5#

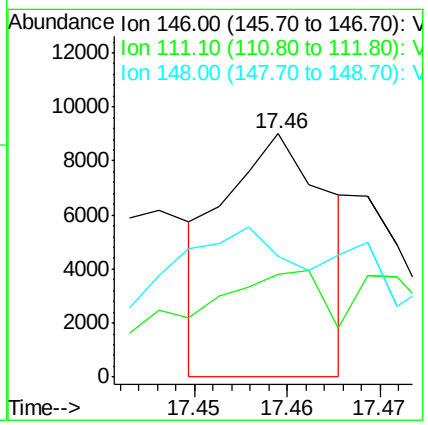


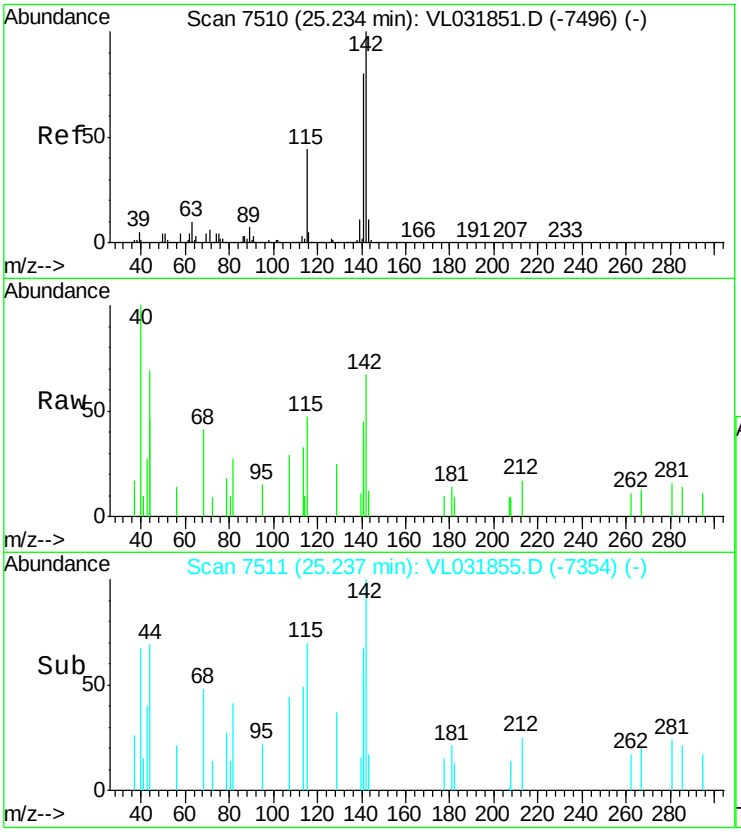


#76
1,4-Dichlorobenzene
Concen: 0.03 ppbv
RT: 17.46 min Scan# 5092
Delta R.T. -0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Tgt Ion:146 Resp: 7088

Ion	Ratio	Lower	Upper
146	100		
111	136.1	22.9	68.7#
148	192.0	32.1	96.5#





#80
Naphthalene,2-methyl-
Concen: 0.03 ppbv
RT: 25.24 min Scan# 7511
Delta R.T. 0.00 min
Lab File: VL031855.D
Acq: 12 Apr 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 1694

Ion	Ratio	Lower	Upper
142	100		
141	7.3	65.8	98.8#
115	18.3	35.8	53.6#