Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032746.D
Acq On : 14 Nov 2018 4:59
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 14 05:45:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 05:38:10 2018
QLast Update : Wed Nov 14 05:38:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1632080	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	4048701	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3681284	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2740254	9.88	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	26560	0.143	ppbv		90
3) Chlorodifluoromethane	3.02	51	15625	0.121	ppbv		95
4) Chloromethane	3.18	50	5050	0.070	ppbv		98
5) Vinyl Chloride	3.30	62	8227	0.106	ppbv	#	86
6) Bromomethane	3.53	94	5126	0.105	ppbv	#	65
7) Chloroethane	3.61	64	2171	0.076	ppbv		100
8) Dichlorotetrafluoroethane	3.23	85	21142	0.119	ppbv		98
9) Propene	3.04	41	2364	0.045	ppbv	#	1
10) Heptane	8.25	43	12398	0.061	ppbv	#	85
11) Trichlorofluoromethane	4.01	101	28815	0.130	ppbv		84
12) 1,1,2-Trichlorotrifluoroet	4.56	101	20793	0.116	ppbv		100
13) Ethanol	3.67	45	779	0.052	ppbv	#	39
14) Bromoethene	3.80	108	2781	0.045	ppbv	#	1
15) Acetone	3.94	43	17675	0.117	ppbv		92
16) 1,3-Butadiene	3.37	39	7071	0.123	ppbv		90
18) 1,1-Dichloroethene	4.35	96	6304	0.078	ppbv	#	62
20) Methylene Chloride	4.42	84	14784	0.192	ppbv	#	73
21) Allyl Chloride	4.49	41	12831	0.106	ppbv		97
22) trans-1,2-Dichloroethene	4.97	96	5543	0.067	ppbv	#	91
23) Vinyl Acetate	5.17	43	13883	0.051	ppbv	#	89
24) 1,1-Dichloroethane	5.10	63	23678	0.110	ppbv	#	92
25) Ethyl Acetate	5.79	43	36888	0.106	ppbv		97
26) Hexane	5.78	57	8663	0.053	ppbv	#	1
27) Carbon Disulfide	4.63	76	19264	0.098	ppbv	#	35
28) Methyl tert-Butyl Ether	5.14	73	12905	0.053	ppbv	#	57
29) Chloroform	5.85	83	31248	0.118	ppbv		94
31) cis-1,2-Dichloroethene	5.65	61	6128	0.040	ppbv	#	60
32) 1,1,1-Trichloroethane	6.62	97	29647	0.109	ppbv		97
34) 2-Butanone	5.36	43	12046	0.055	ppbv	#	53
35) Carbon Tetrachloride	7.14	117	23927	0.082	ppbv		94
36) Benzene	7.01	78	25296	0.077	ppbv	#	92
37) 1,2-Dichloroethane	6.41	62	12412	0.061	ppbv	#	78
38) Trichloroethene	7.96	130	6975	0.057	ppbv	#	79
39) 1,2-Dichloropropane	7.30	63	1033357	8.184	ppbv	#	22
42) Bromodichloromethane	7.92	83	29138	0.103	ppbv		87
44) 2,2,4-Trimethylpentane	8.00	57	20419	0.037	ppbv	#	35
48) Dibromochloromethane	10.45	129	12215	0.049	ppbv	#	17
49) Bromoform	13.20	173	6571	0.033	ppbv	#	1
52) Tetrachloroethene	11.38	164	9073	0.079	ppbv	#	60
56) 1,1,1,2-Tetrachloroethane	12.29	131	10282	0.063	ppbv	#	12
58) Ethyl Benzene	12.87	91	16859	0.039	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032746.D
Acq On : 14 Nov 2018 4:59
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 14 05:45:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 05:38:10 2018
QLast Update : Wed Nov 14 05:38:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) o-Xylene	13.86	91	18973	0.051	ppbv		88
63) 1,1,2,2-Tetrachloroethane	13.83	83	9301	0.032	ppbv	#	18
66) Benzyl Chloride	17.16	91	8814	0.037	ppbv	#	32
74) 1,2,4-Trimethylbenzene	16.93	105	14243	0.034	ppbv	#	86
76) 1,4-Dichlorobenzene	17.31	146	9616	0.043	ppbv	#	22
77) 1,2-Dichlorobenzene	17.99	146	8830	0.039	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.54	225	5949	0.052	ppbv	#	19
80) Naphthalene,2-methyl-	25.14	142	2681	0.043	ppbv		95

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

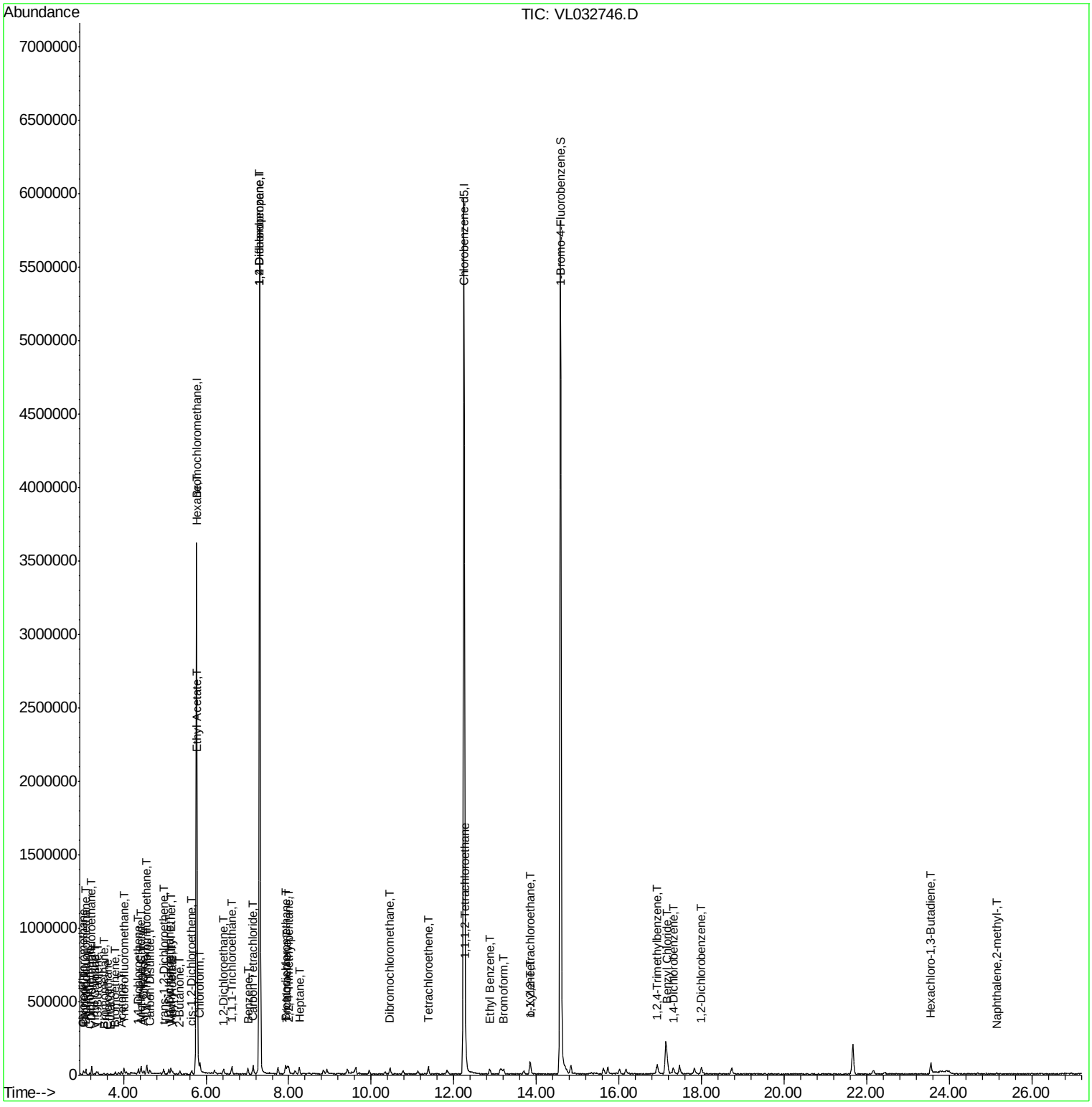
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

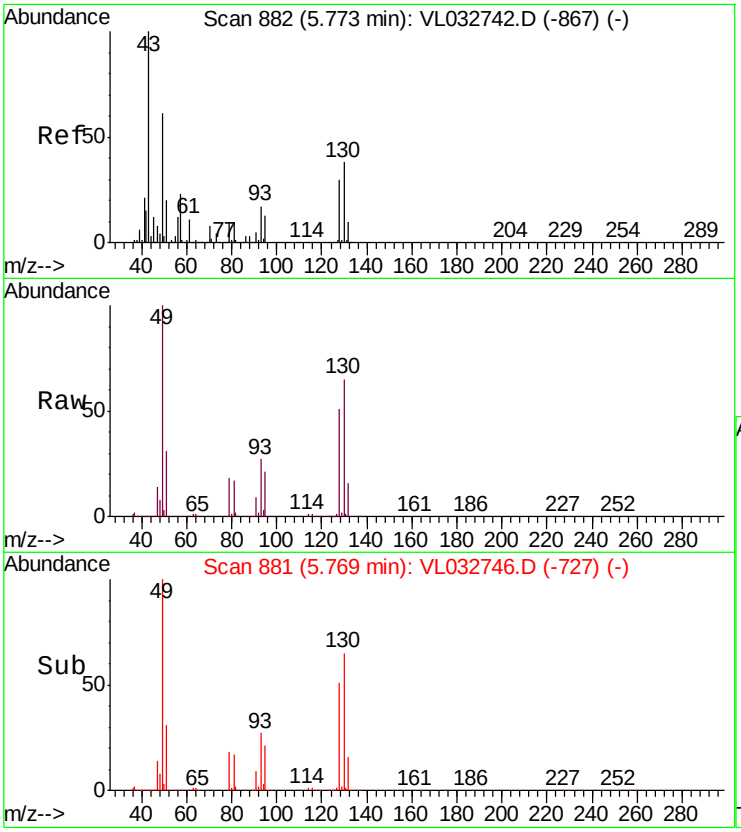
Quantitation Report (Not Reviewed)

Data File : VL032746.D
Acq On : 14 Nov 2018 4:59
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 14 05:45:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 05:38:10 2018
QLast Update : Wed Nov 14 05:38:10 2018
Response via : Initial Calibration



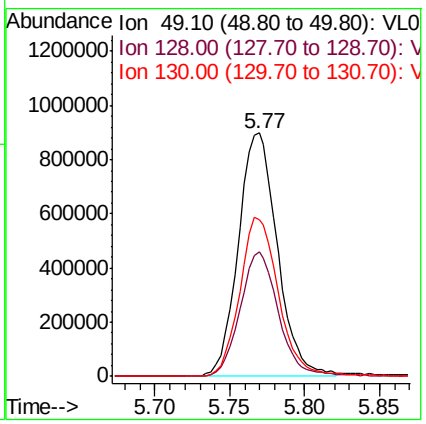


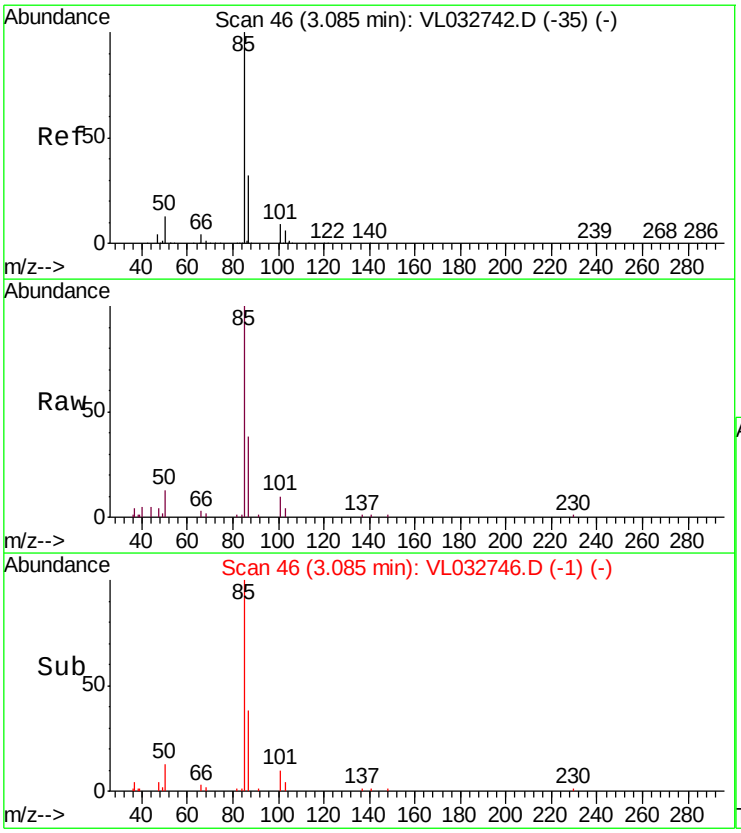
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1632080

Ion	Ratio	Lower	Upper
49	100		
128	50.8	24.9	74.6
130	65.8	31.4	94.2

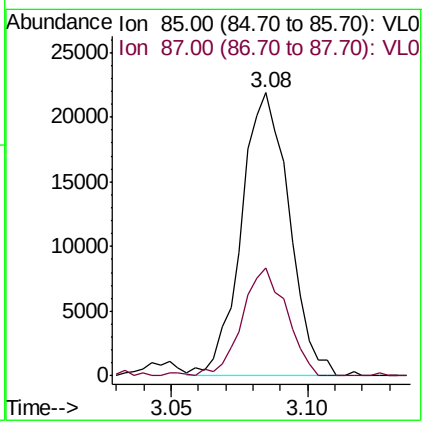


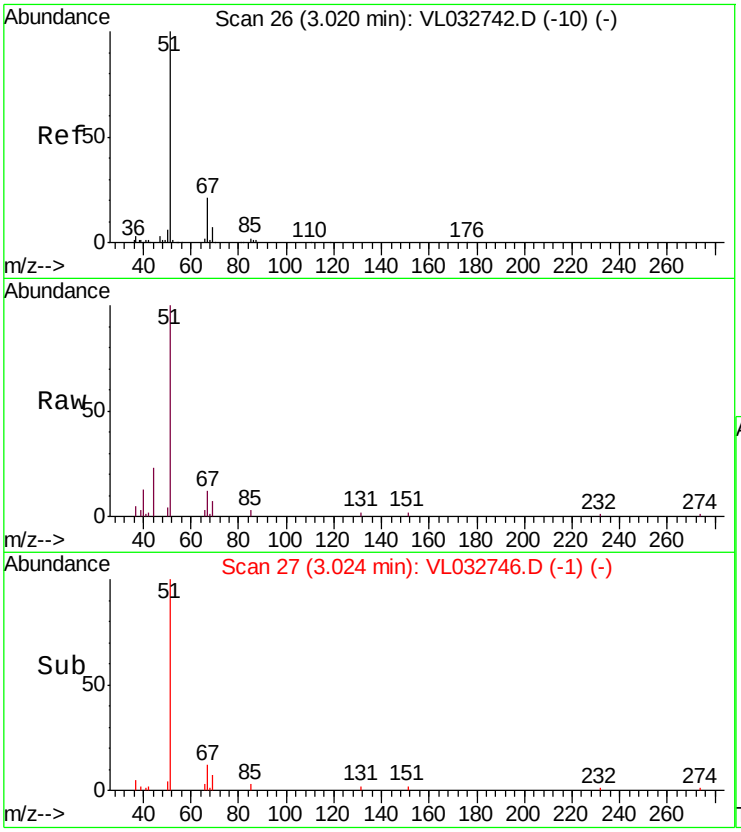


#2
Dichlorodifluoromethane
Concen: 0.143 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 85 Resp: 26560

Ion	Ratio	Lower	Upper
85	100		
87	38.4	26.0	39.0



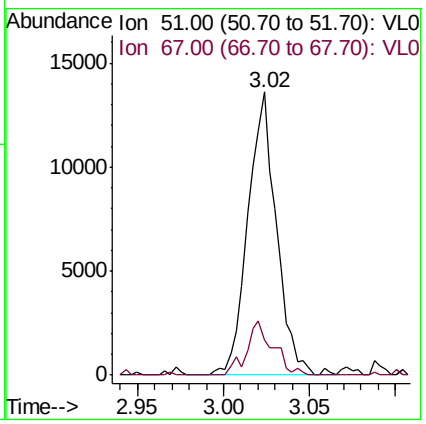


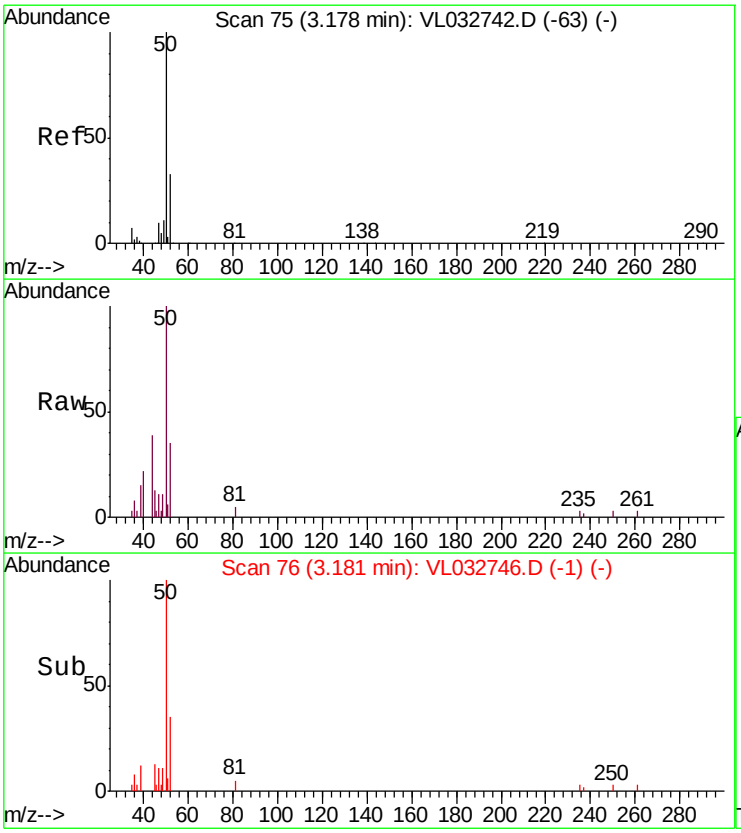
#3
Chlorodifluoromethane
Concen: 0.121 ppbv
RT: 3.02 min Scan# 27
Delta R.T. 0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 51 Resp: 15625

Ion	Ratio	Lower	Upper
51	100		
67	17.8	16.1	24.1

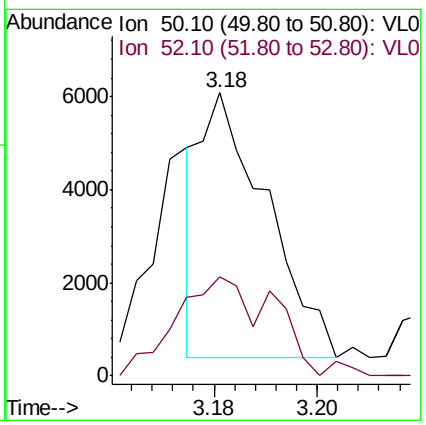


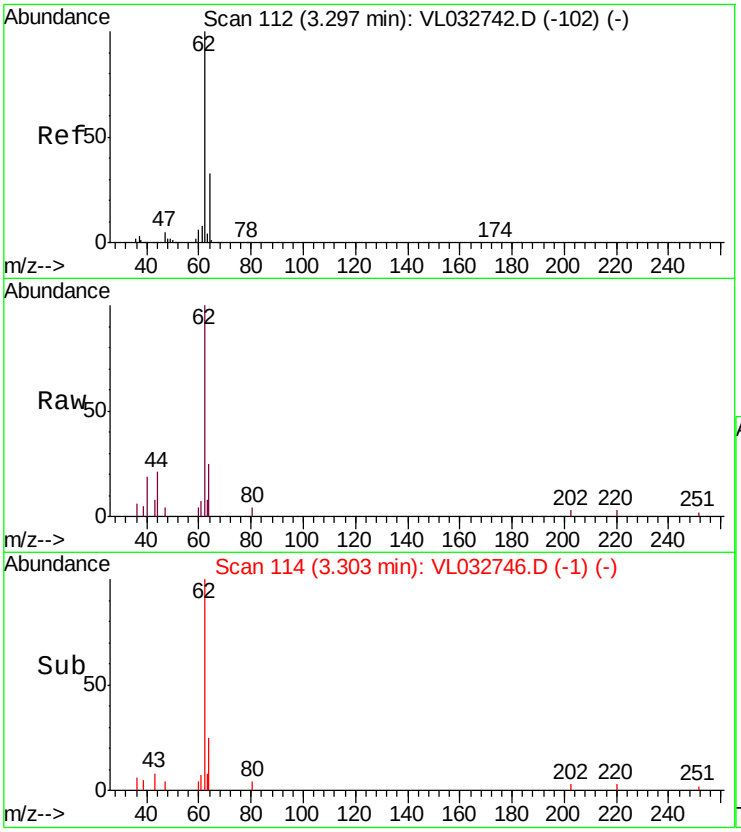


#4
Chloromethane
Concen: 0.070 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 50 Resp: 5050

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.6	40.0



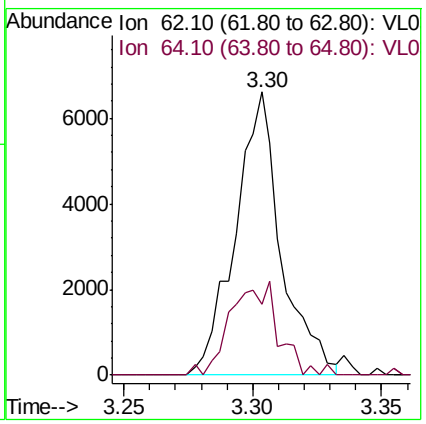


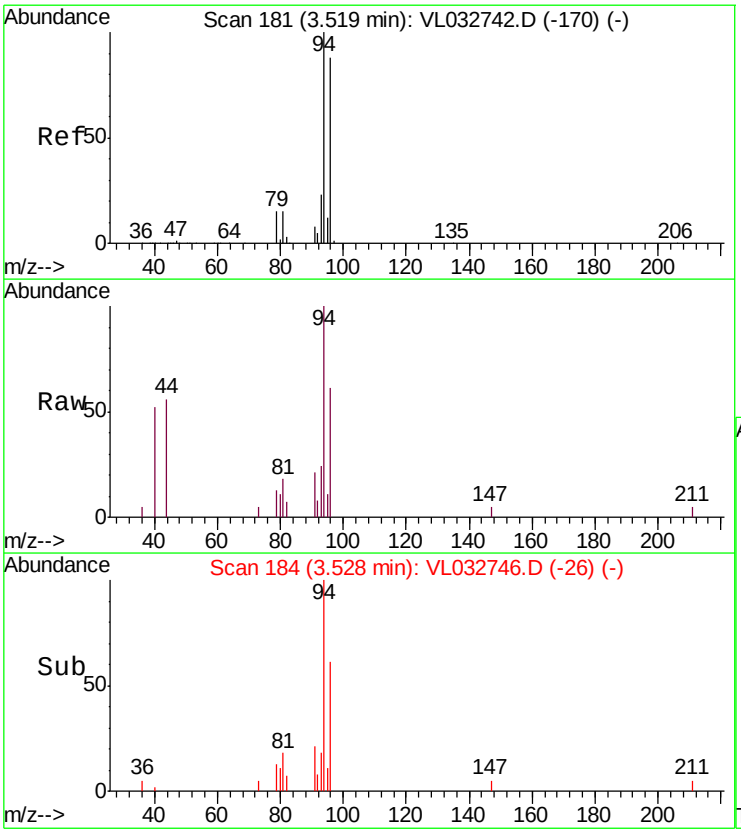
#5
Vinyl Chloride
Concen: 0.106 ppbv
RT: 3.30 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 8227

Ion	Ratio	Lower	Upper
62	100		
64	24.9	26.2	39.4#

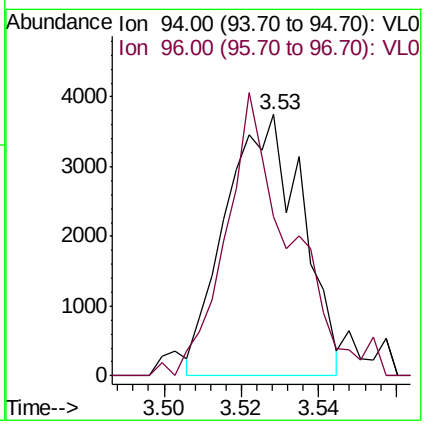


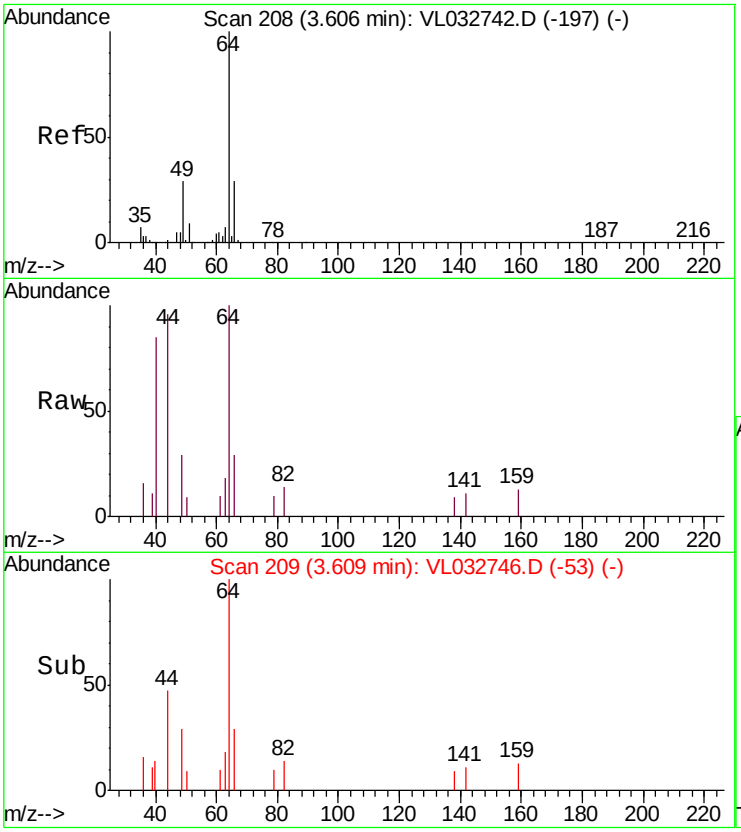


#6
Bromomethane
Concen: 0.105 ppbv
RT: 3.53 min Scan# 184
Delta R.T. 0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 94 Resp: 5126

Ion	Ratio	Lower	Upper
94	100		
96	55.4	70.2	105.2#



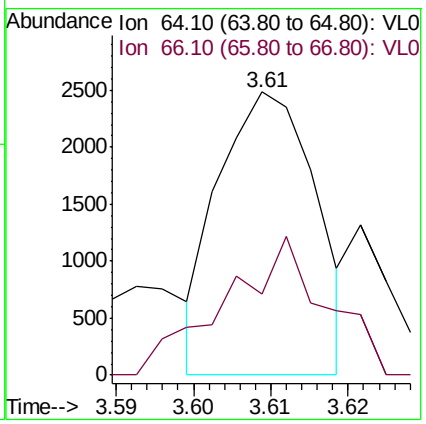


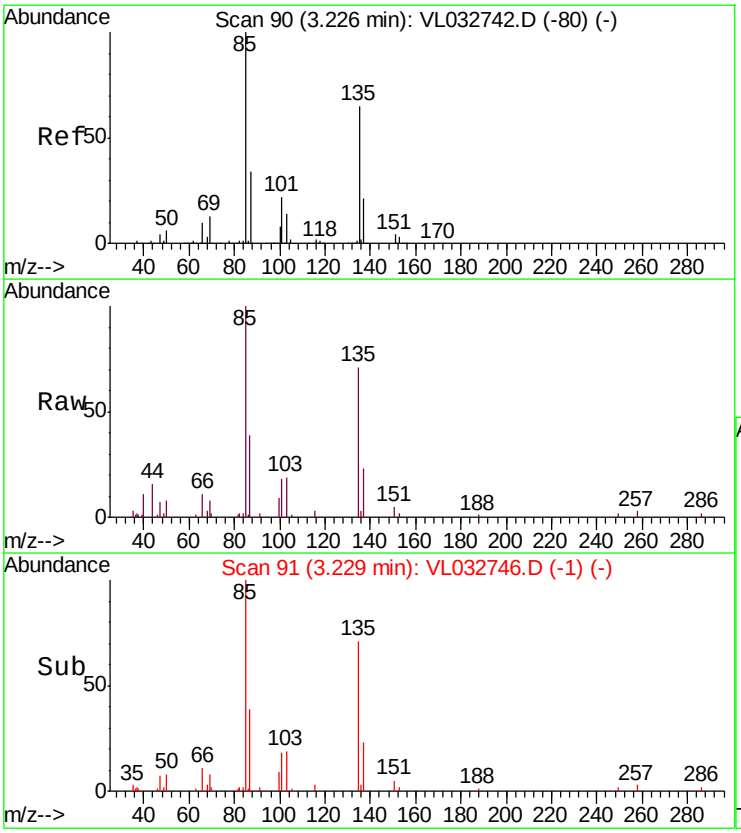
#7
Chloroethane
Concen: 0.076 ppbv
RT: 3.61 min Scan# 209
Delta R.T. 0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 2171

Ion	Ratio	Lower	Upper
64	100		
66	28.8	23.2	34.8

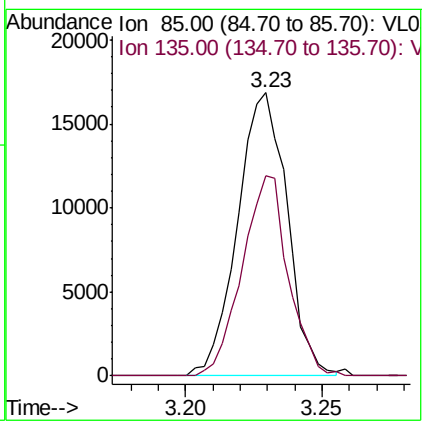


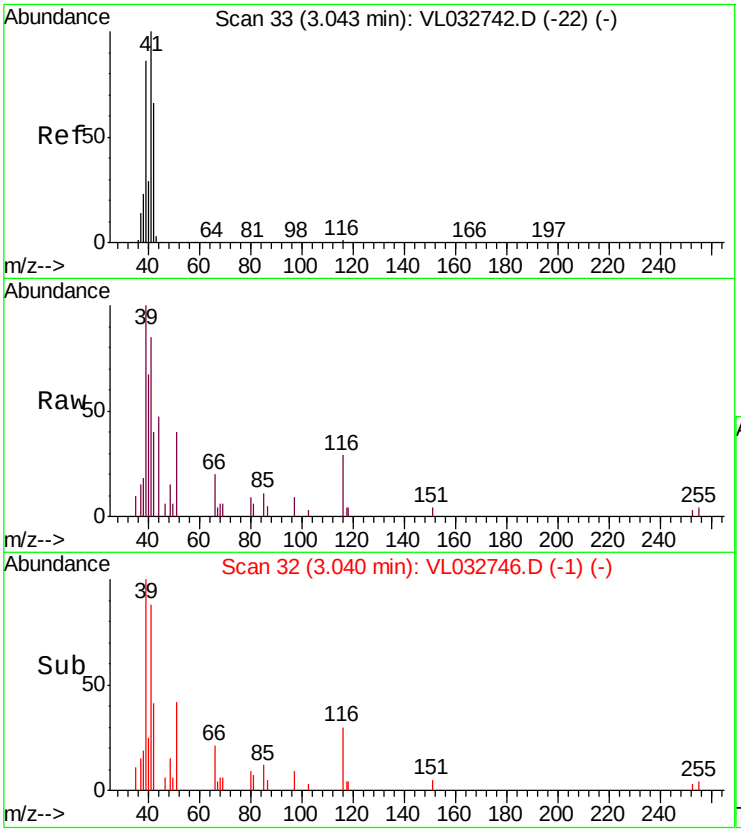


#8
Dichlorotetrafluoroethane
Concen: 0.119 ppbv
RT: 3.23 min Scan# 91
Delta R.T. 0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 85 Resp: 21142

Ion	Ratio	Lower	Upper
85	100		
135	65.9	53.8	80.8



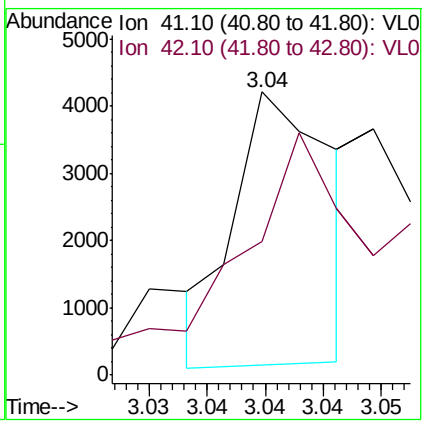


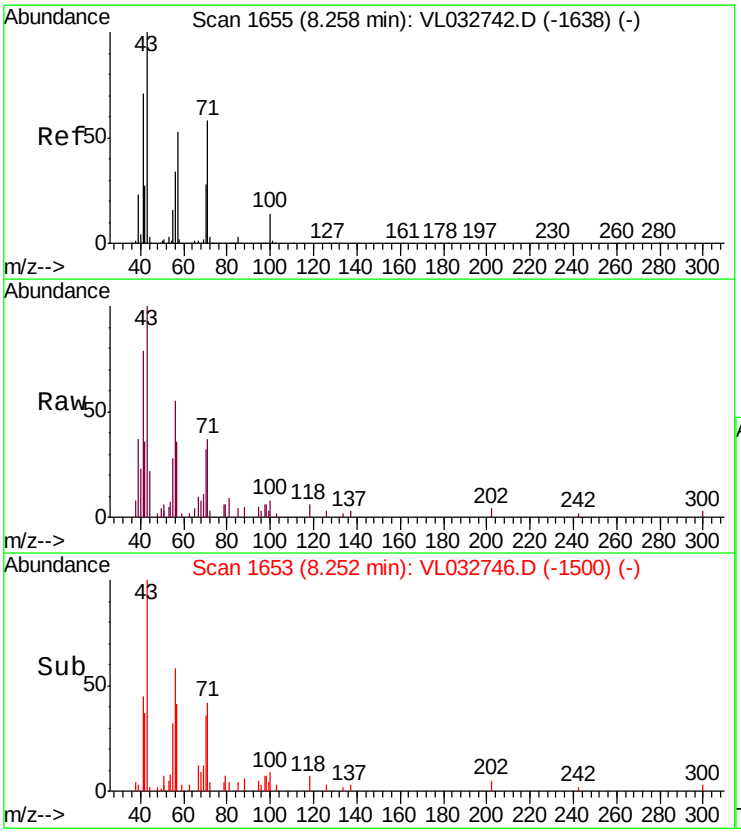
#9
Propene
Concen: 0.045 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 2364

Ion	Ratio	Lower	Upper
41	100		
42	163.1	55.0	82.6#

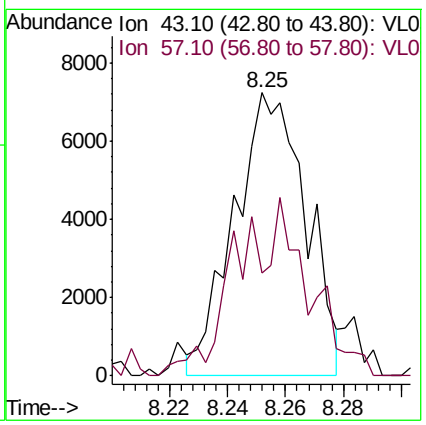


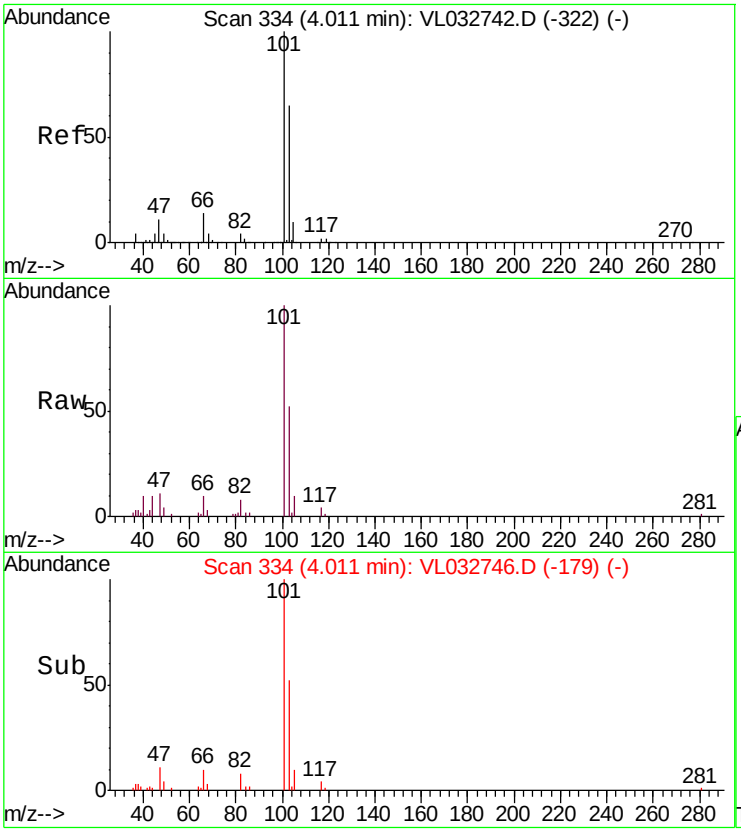


#10
Heptane
Concen: 0.061 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 43 Resp: 12398

Ion	Ratio	Lower	Upper
43	100		
57	62.8	41.8	62.8#



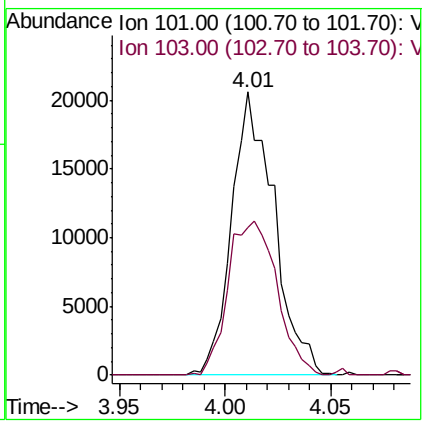


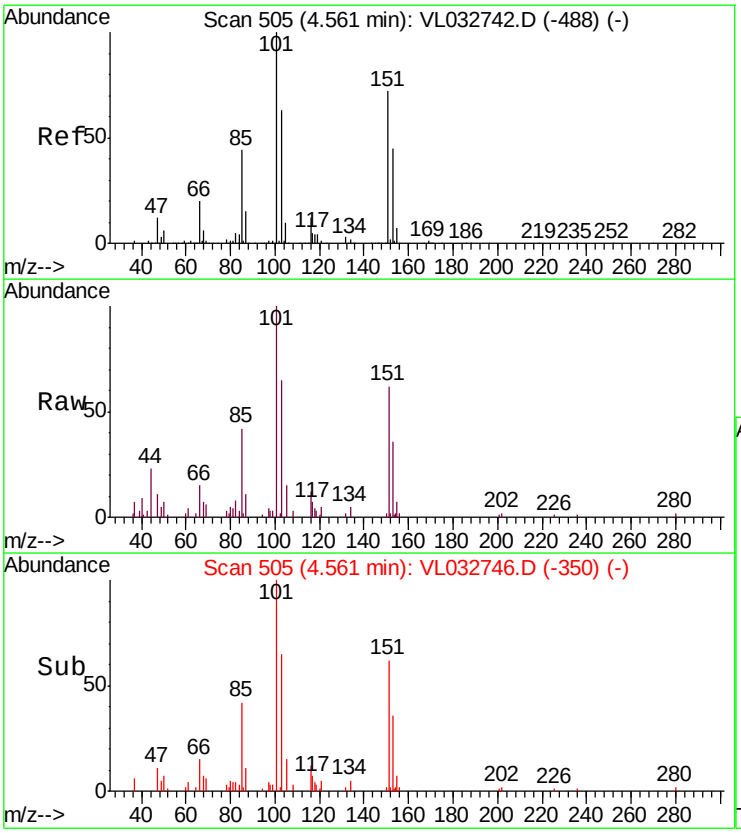
#11
Trichlorofluoromethane
Concen: 0.130 ppbv
RT: 4.01 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 28815

Ion	Ratio	Lower	Upper
101	100		
103	52.3	51.6	77.4

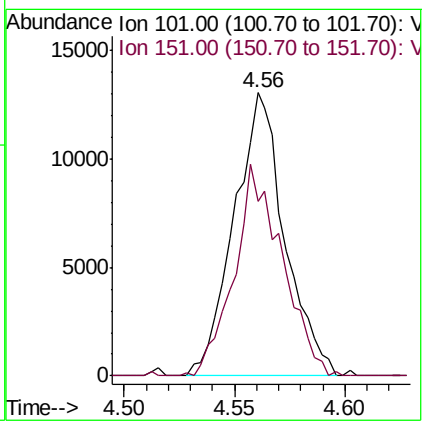


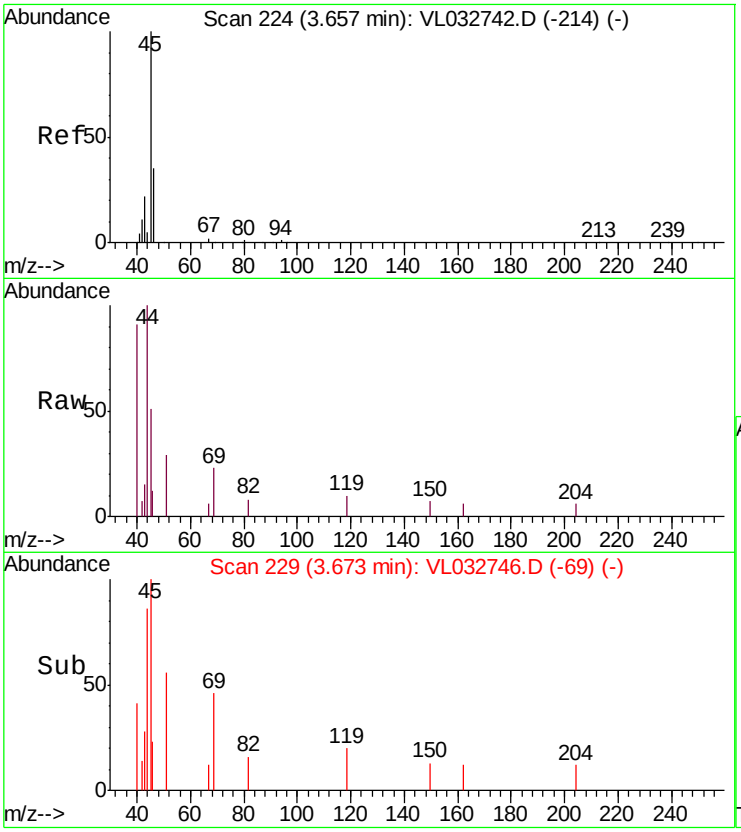


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.116 ppbv
RT: 4.56 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:101 Resp: 20793

Ion	Ratio	Lower	Upper
101	100		
151	70.7	56.7	85.1



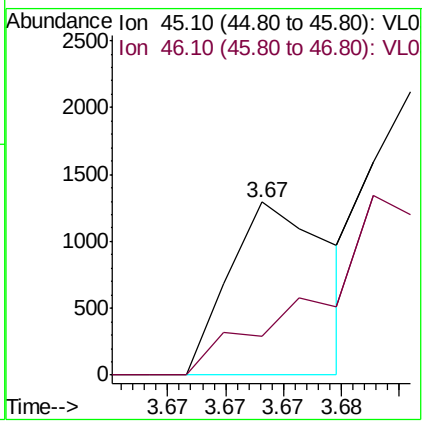


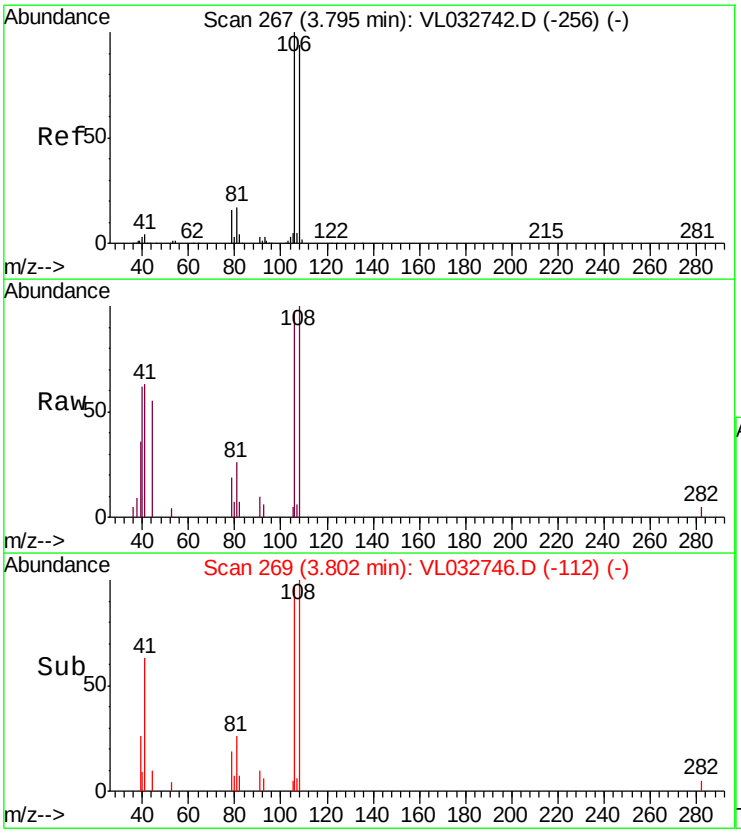
#13
Ethanol
Concen: 0.052 ppbv
RT: 3.67 min Scan# 229
Delta R.T. 0.02 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 45 Resp: 779

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.5	57.9#

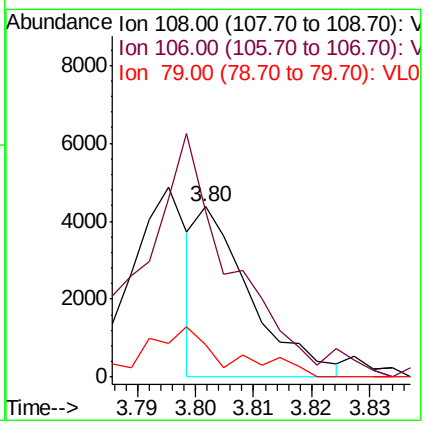


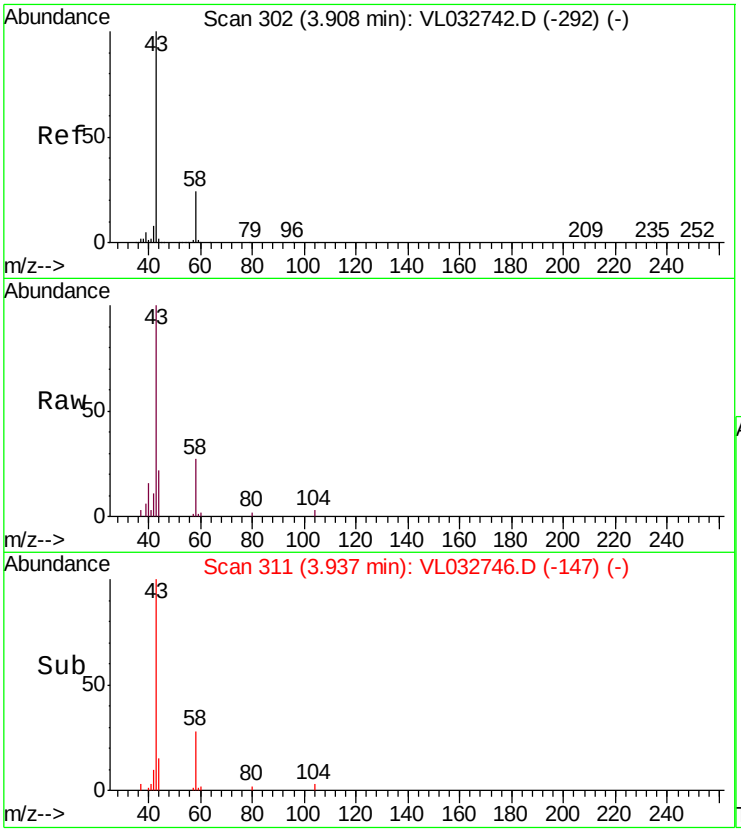


#14
Bromoethene
Concen: 0.045 ppbv
RT: 3.80 min Scan# 269
Delta R.T. 0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:108 Resp: 2781

Ion	Ratio	Lower	Upper
108	100		
106	249.7	84.9	127.3#
79	56.8	14.2	21.4#



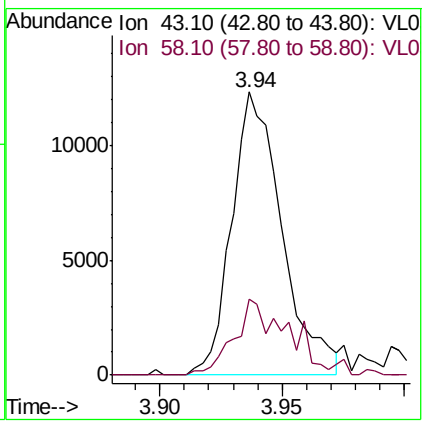


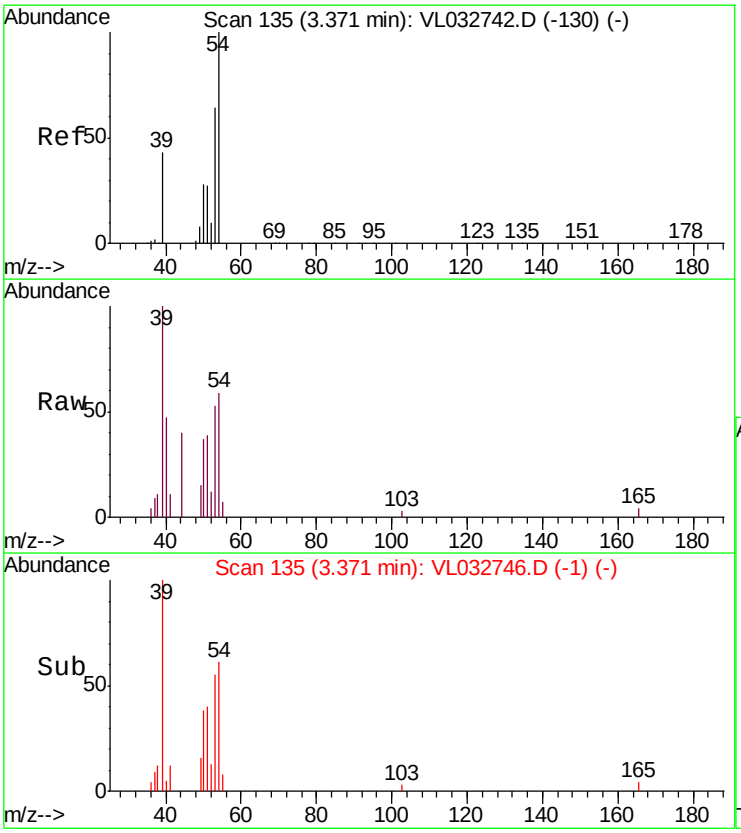
#15
Acetone
Concen: 0.117 ppbv
RT: 3.94 min Scan# 311
Delta R.T. 0.03 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 17675

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.1	31.7

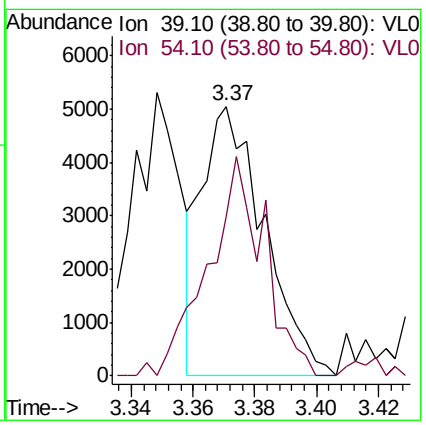


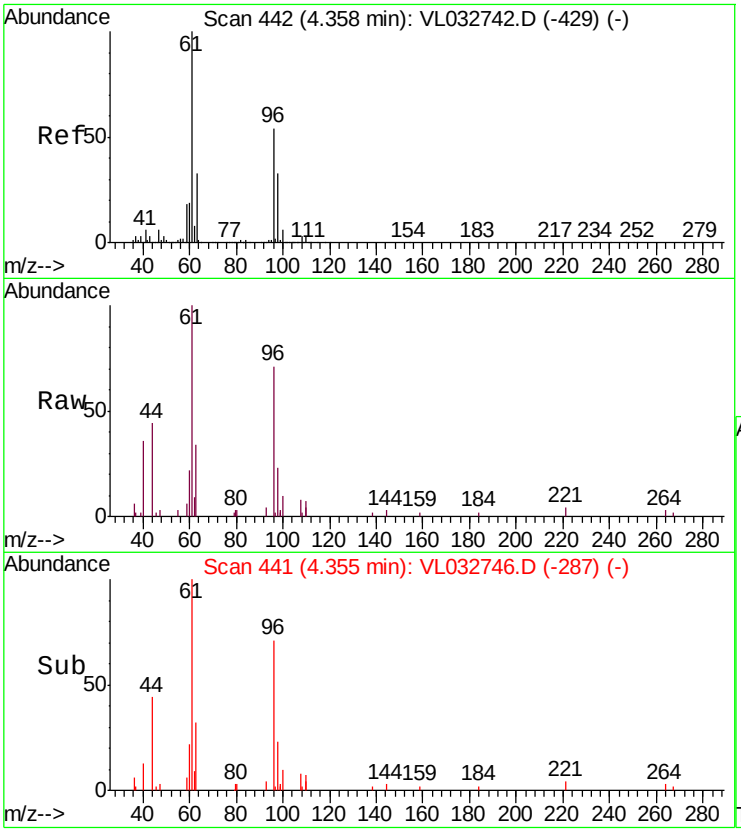


#16
1,3-Butadiene
Concen: 0.123 ppbv
RT: 3.37 min Scan# 135
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 39 Resp: 7071

Ion	Ratio	Lower	Upper
39	100		
54	76.7	68.9	103.3



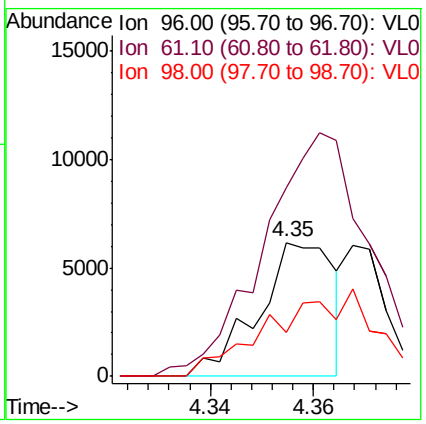


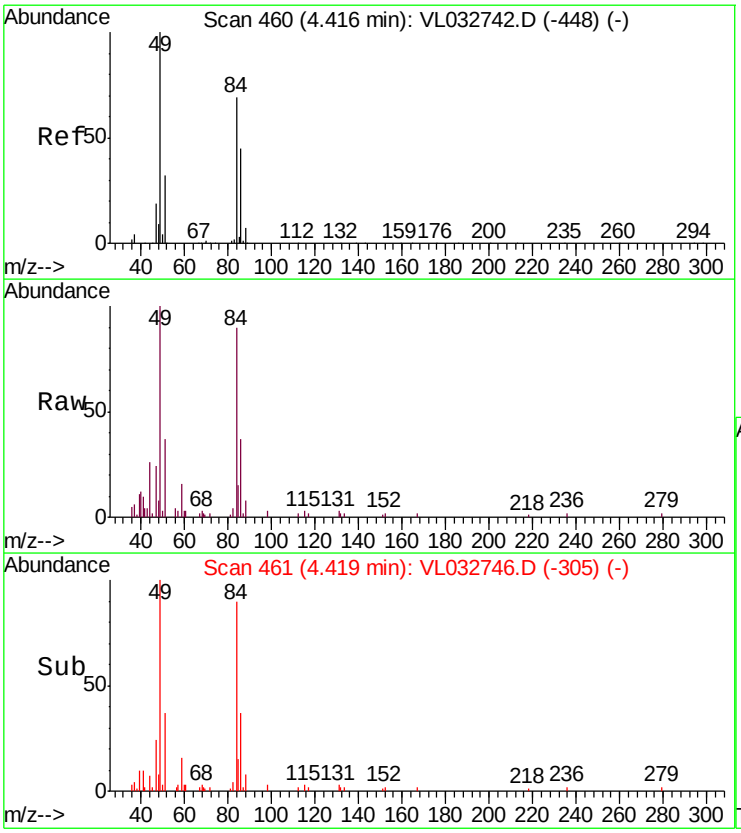
#18
1,1-Dichloroethene
Concen: 0.078 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 6304

Ion	Ratio	Lower	Upper
96	100		
61	128.7	148.5	222.7#
98	34.4	48.6	72.8#

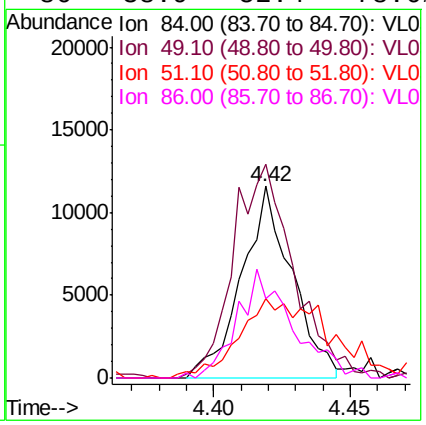


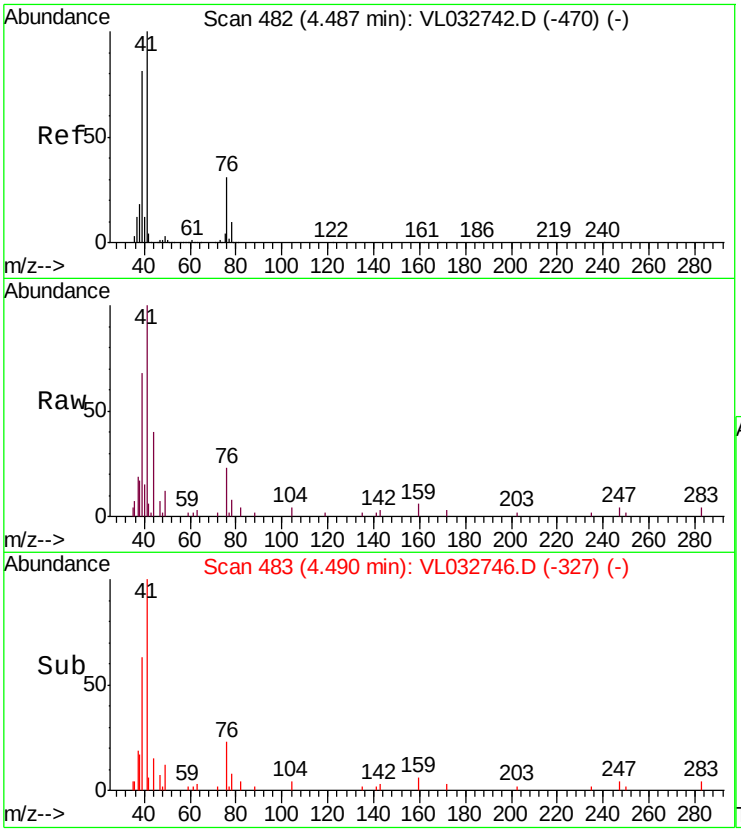


#20
Methylene Chloride
Concen: 0.192 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 84 Resp: 14784

Ion	Ratio	Lower	Upper
84	100		
49	109.4	115.8	173.6#
51	37.8	36.9	55.3
86	38.9	52.4	78.6#



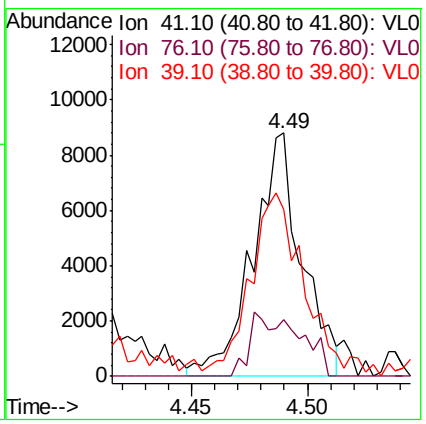


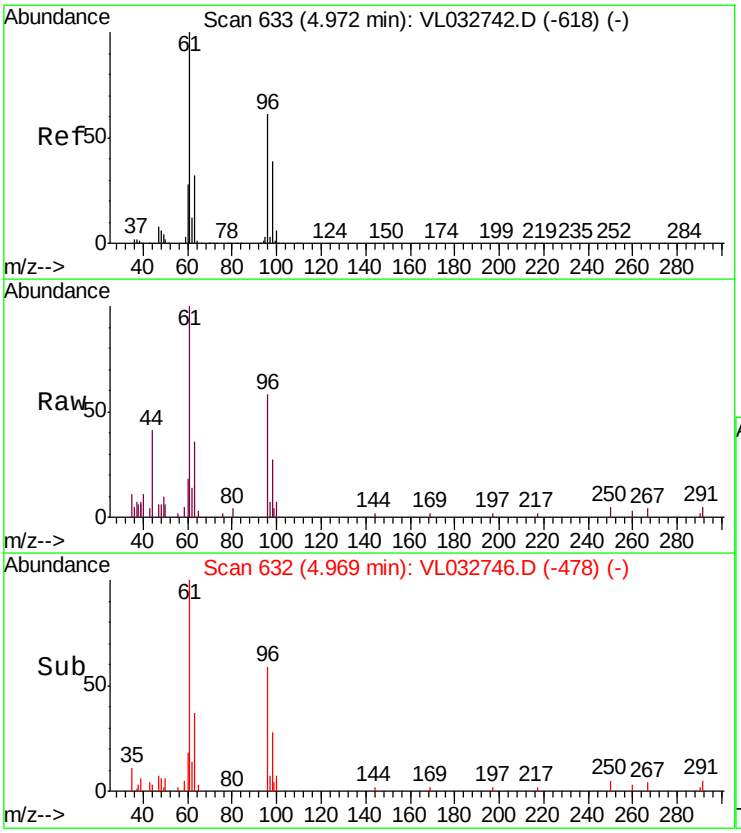
#21
Allyl Chloride
Concen: 0.106 ppbv
RT: 4.49 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 12831

Ion	Ratio	Lower	Upper
41	100		
76	26.7	24.4	36.6
39	78.5	63.5	95.3

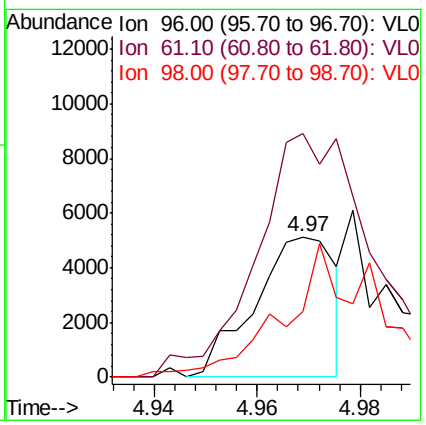


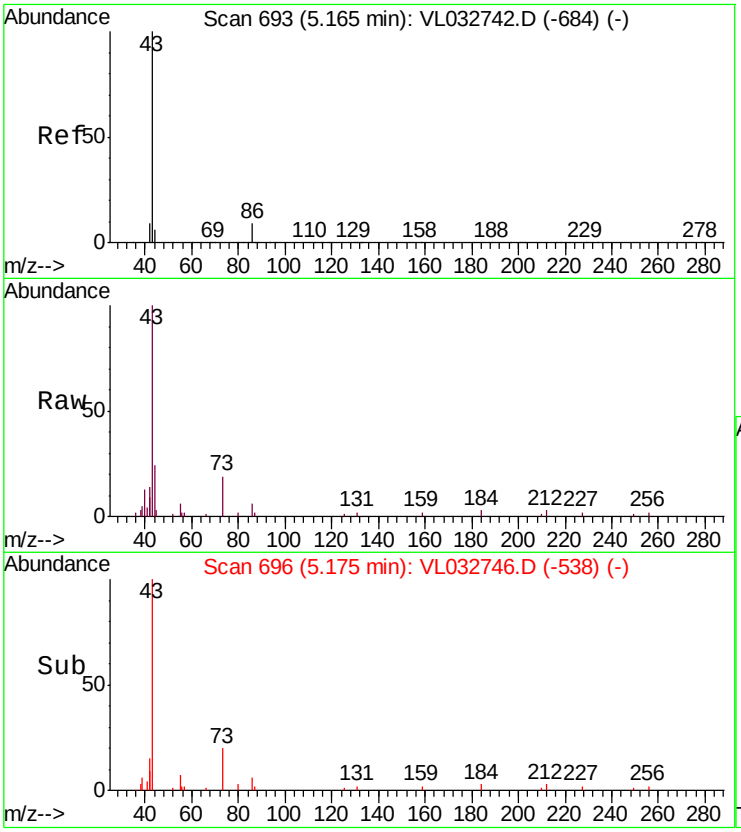


#22
trans-1,2-Dichloroethene
Concen: 0.067 ppbv
RT: 4.97 min Scan# 632
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 96 Resp: 5543

Ion	Ratio	Lower	Upper
96	100		
61	159.5	130.2	195.2
98	41.6	50.2	75.2#



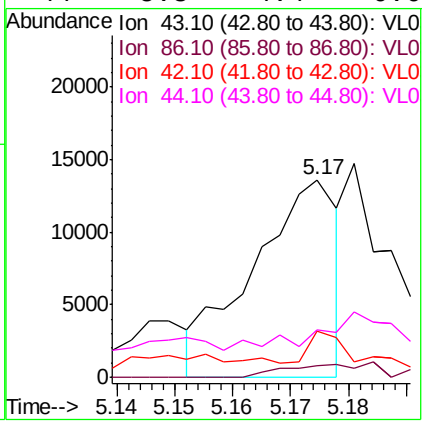


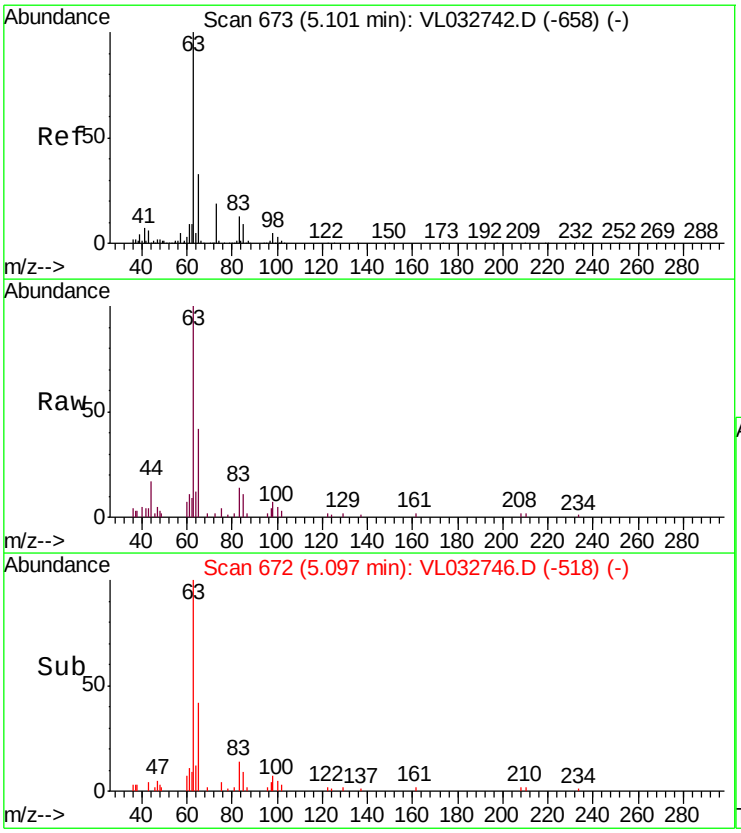
#23
Vinyl Acetate
Concen: 0.051 ppbv
RT: 5.17 min Scan# 696
Delta R.T. 0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 13883

Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.2	9.4
42	19.0	7.8	11.6#
44	5.3	4.4	6.6

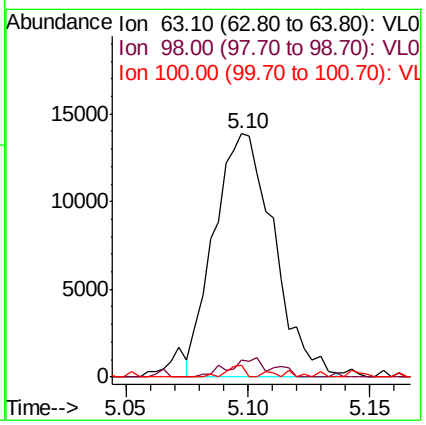


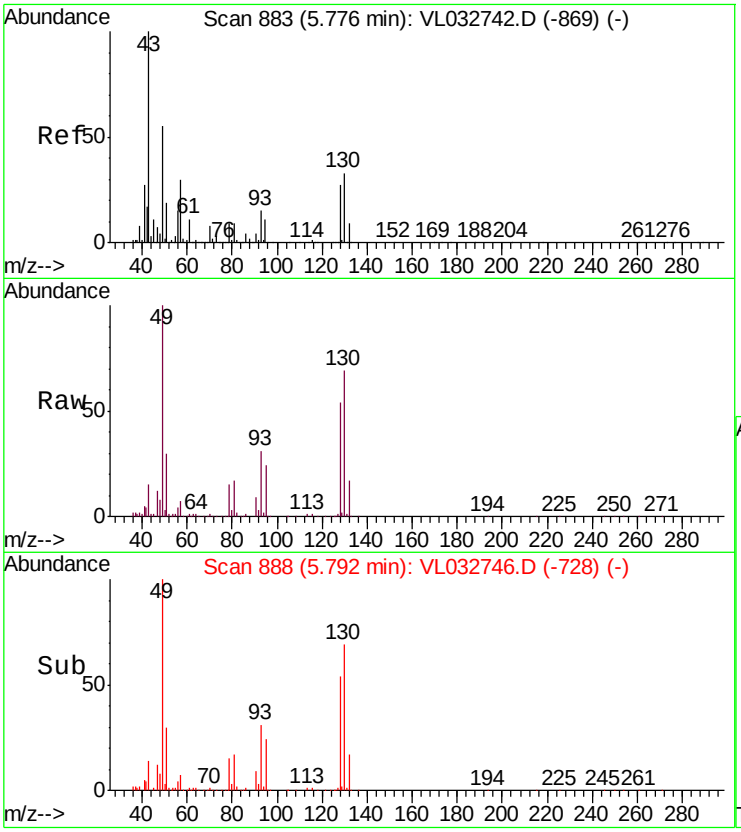


#24
1,1-Dichloroethane
Concen: 0.110 ppbv
RT: 5.10 min Scan# 672
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 63 Resp: 23678

Ion	Ratio	Lower	Upper
63	100		
98	7.1	2.3	6.8#
100	5.3	1.4	4.2#



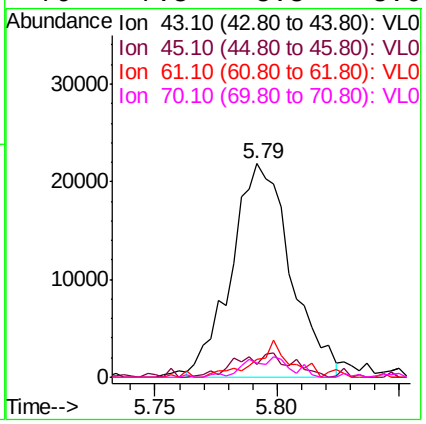


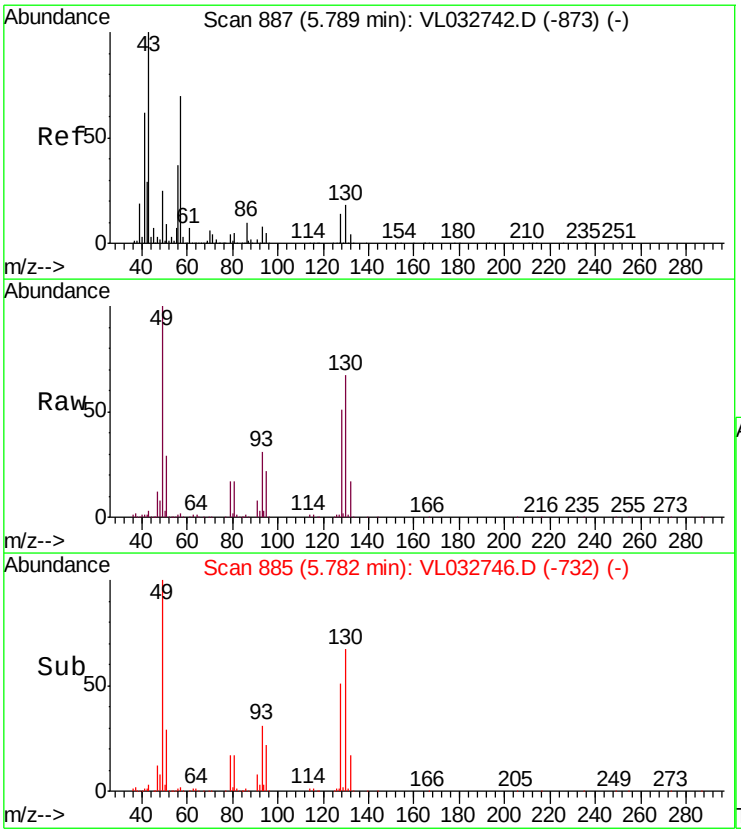
#25
Ethyl Acetate
Concen: 0.106 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.02 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 36888

Ion	Ratio	Lower	Upper
43	100		
45	11.5	7.9	11.9
61	11.5	7.8	11.6
70	7.3	5.8	8.6

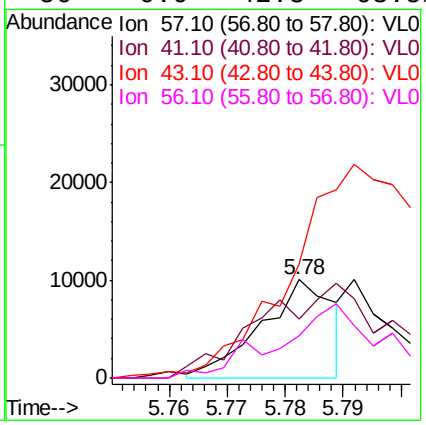


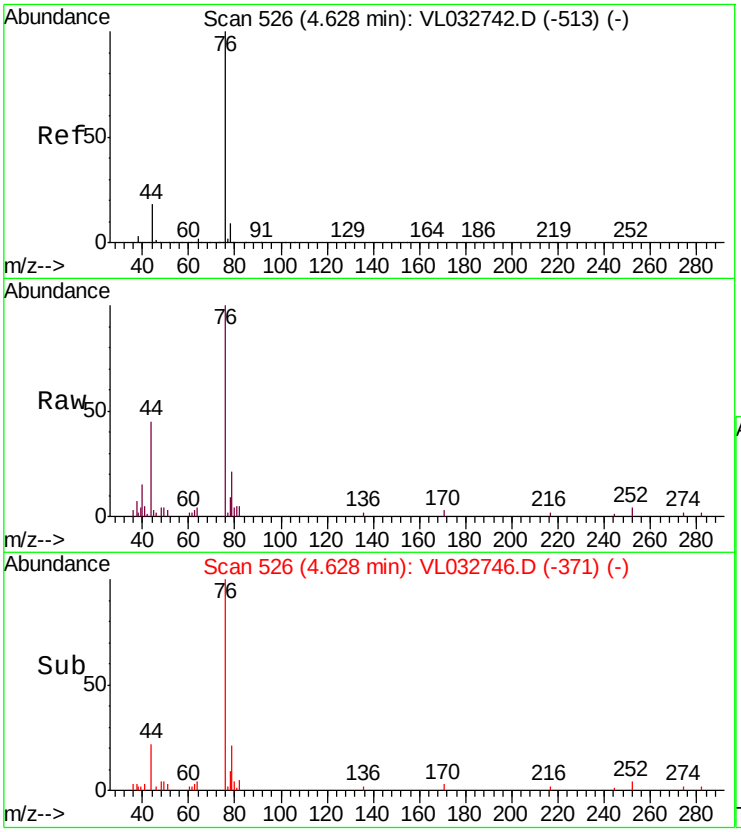


#26
Hexane
Concen: 0.053 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 57 Resp: 8663

Ion	Ratio	Lower	Upper
57	100		
41	0.0	70.3	105.5#
43	0.0	174.0	261.0#
56	0.0	42.3	63.5#



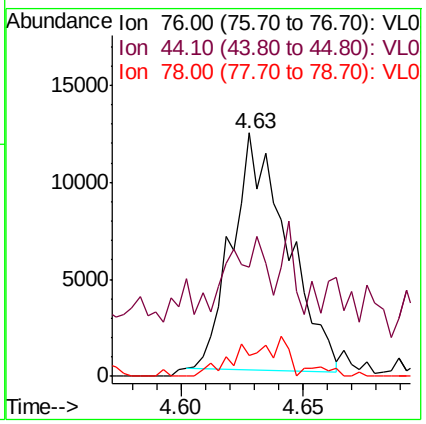


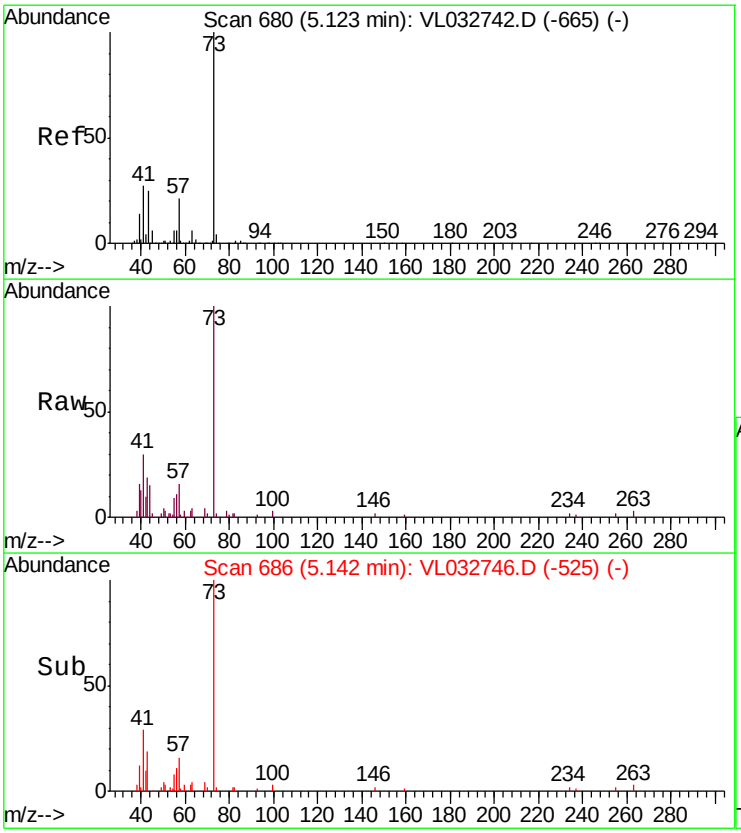
#27
Carbon Disulfide
Concen: 0.098 ppbv
RT: 4.63 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 19264

Ion	Ratio	Lower	Upper
76	100		
44	58.3	14.4	21.6#
78	15.1	7.7	11.5#

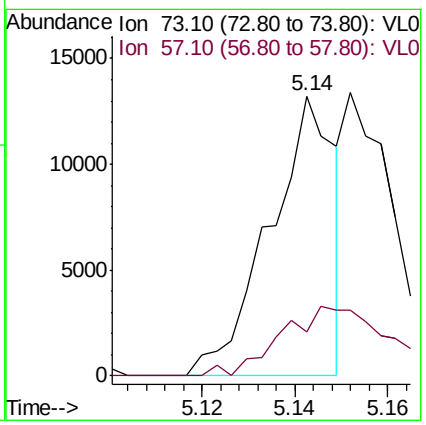


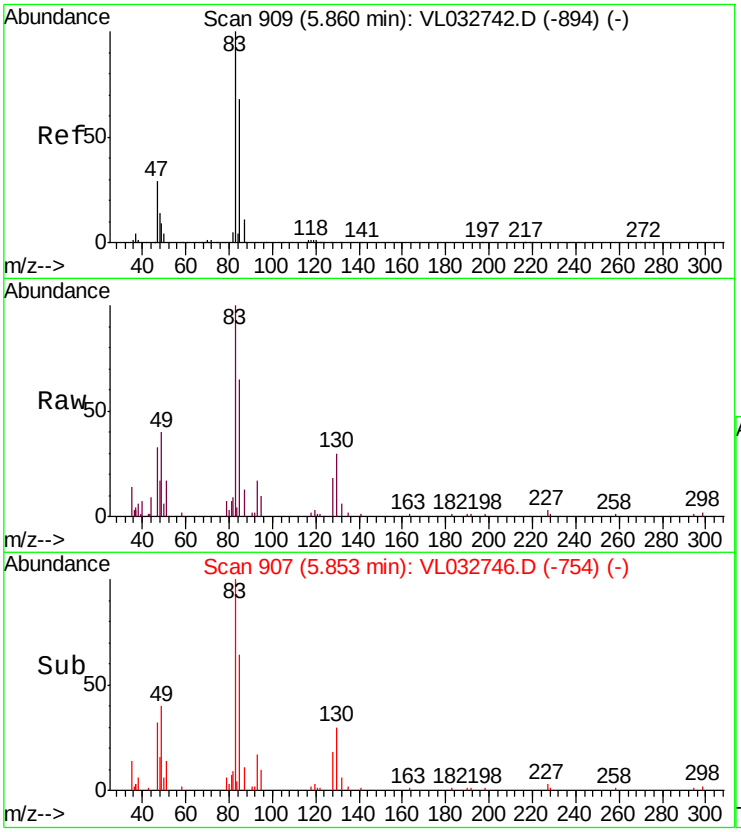


#28
Methyl tert-Butyl Ether
Concen: 0.053 ppbv
RT: 5.14 min Scan# 686
Delta R.T. 0.02 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 73 Resp: 12905

Ion	Ratio	Lower	Upper
73	100		
57	42.6	17.5	26.3#



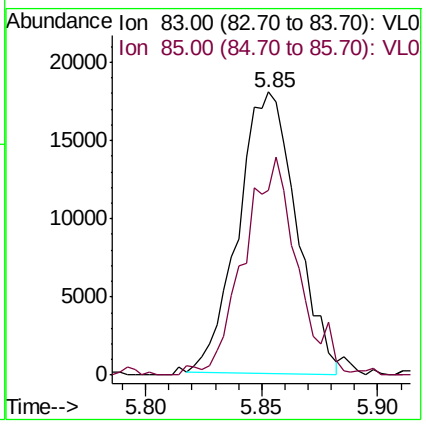


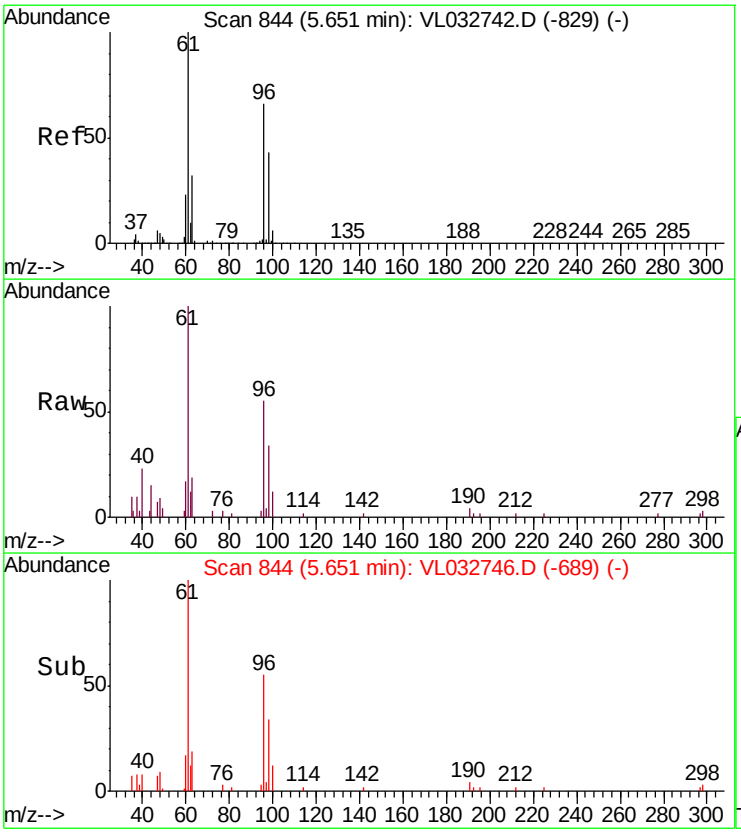
#29
Chloroform
Concen: 0.118 ppbv
RT: 5.85 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 31248

Ion	Ratio	Lower	Upper
83	100		
85	62.9	54.2	81.4

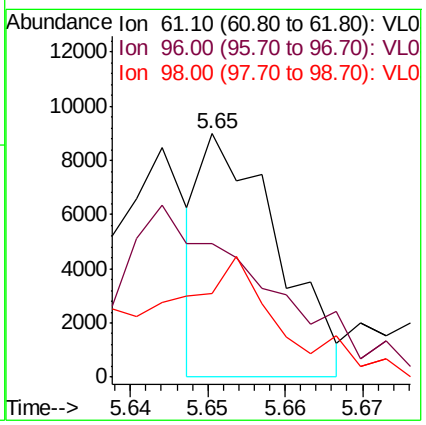


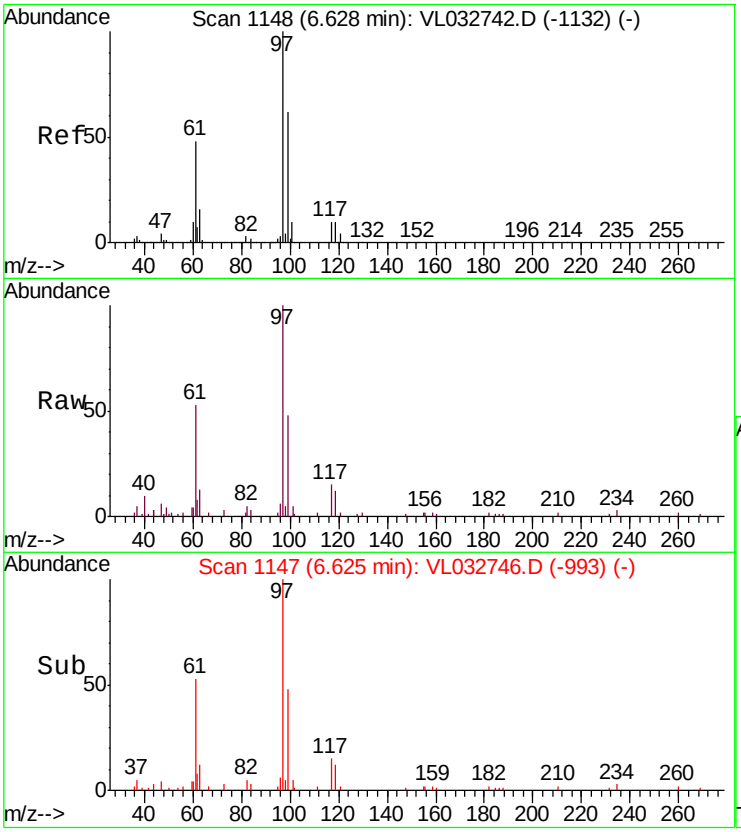


#31
cis-1,2-Dichloroethene
Concen: 0.040 ppbv
RT: 5.65 min Scan# 844
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 61 Resp: 6128

Ion	Ratio	Lower	Upper
61	100		
96	32.0	53.2	79.8#
98	20.1	34.4	51.6#



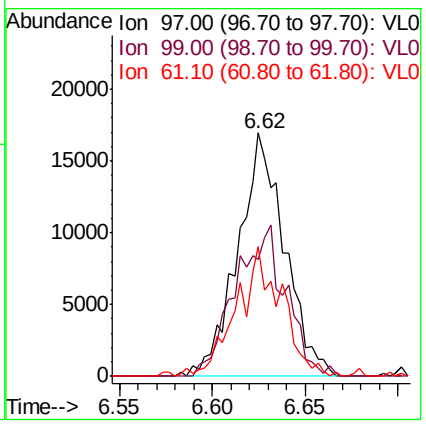


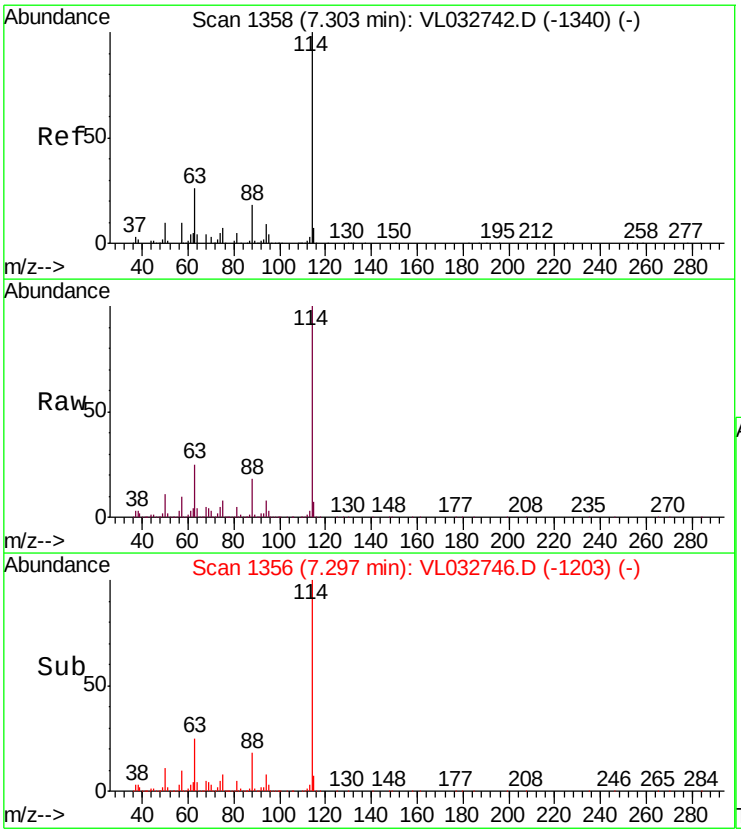
#32
1,1,1-Trichloroethane
Concen: 0.109 ppbv
RT: 6.62 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 29647

Ion	Ratio	Lower	Upper
97	100		
99	67.3	51.8	77.6
61	52.1	39.7	59.5

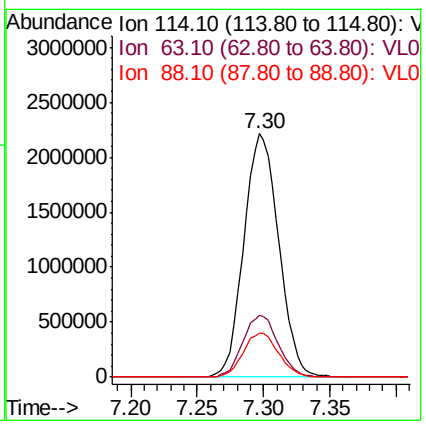


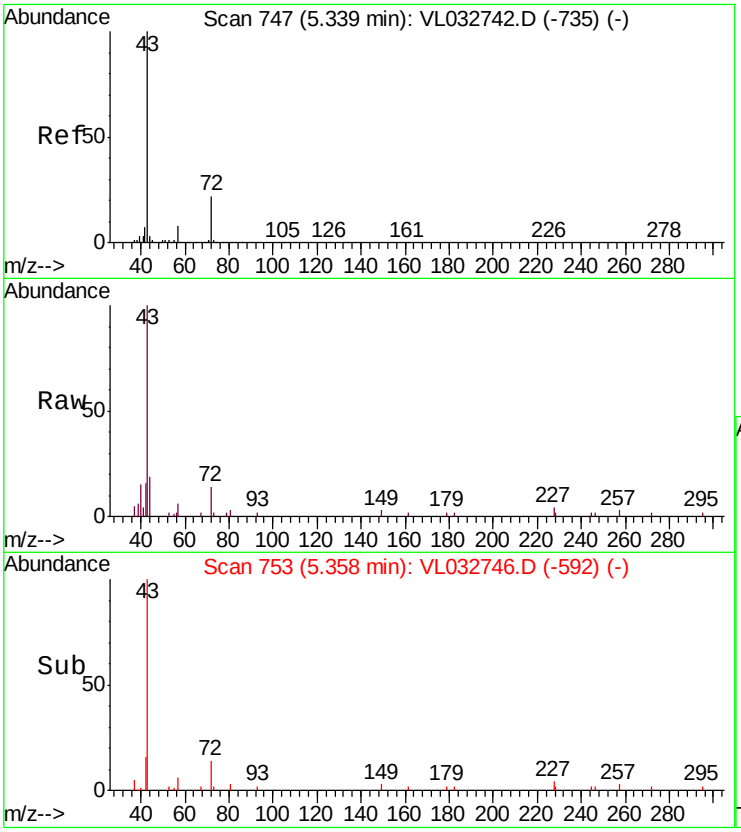


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:114 Resp: 4048701

Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.9	31.3
88	18.2	14.4	21.6



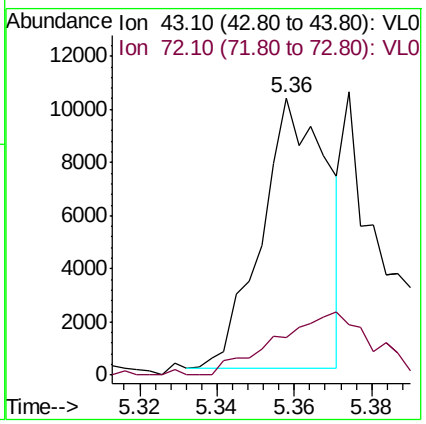


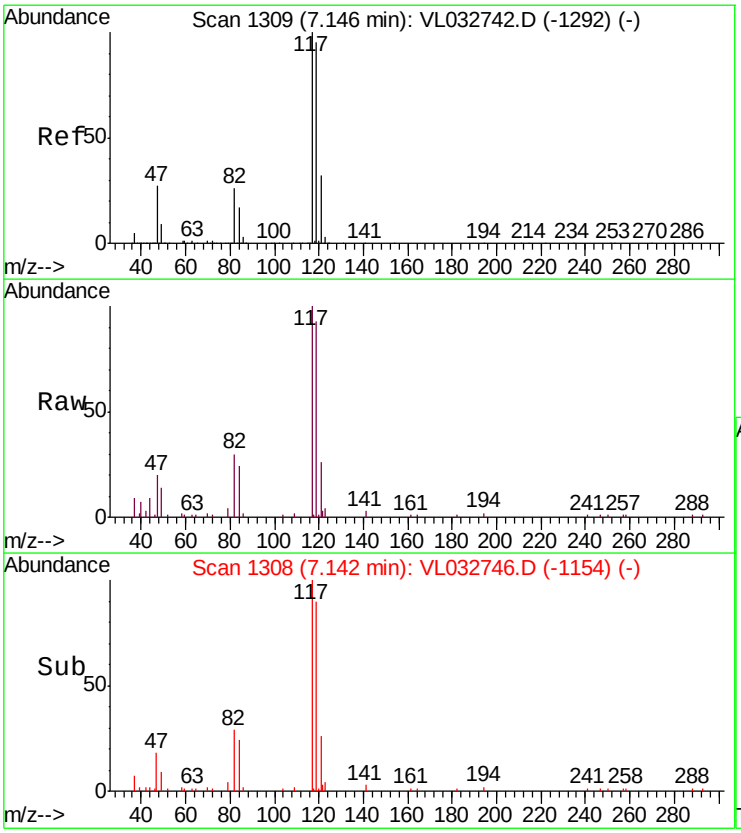
#34
2-Butanone
Concen: 0.055 ppbv
RT: 5.36 min Scan# 753
Delta R.T. 0.02 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 12046

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.4	27.6#

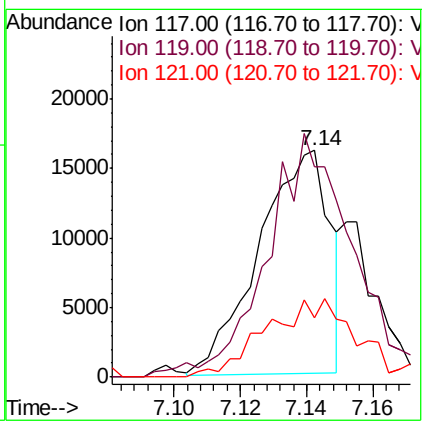


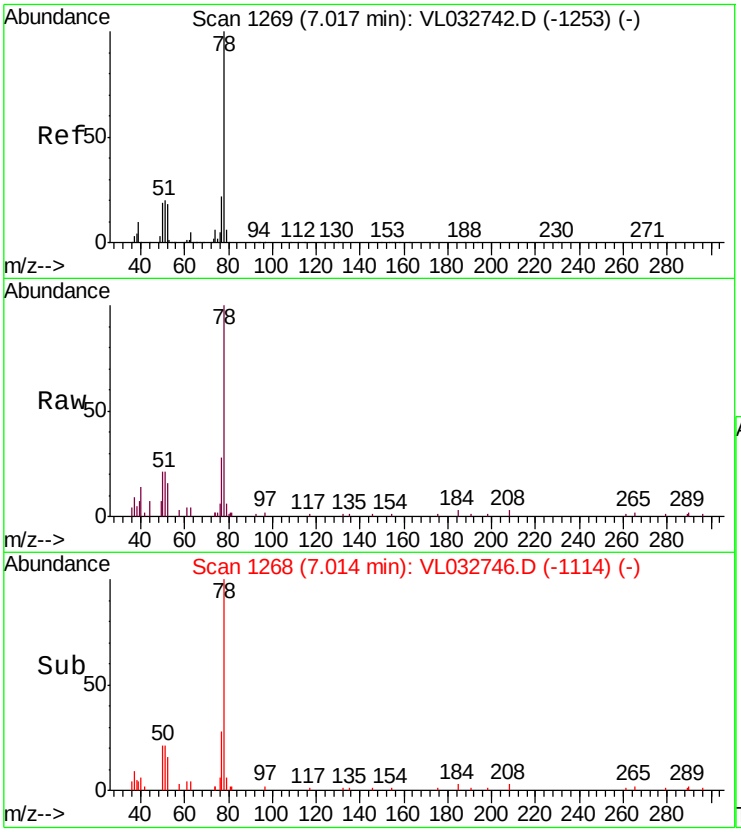


#35
Carbon Tetrachloride
Concen: 0.082 ppbv
RT: 7.14 min Scan# 1308
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:117 Resp: 23927

Ion	Ratio	Lower	Upper
117	100		
119	89.0	76.1	114.1
121	29.7	25.4	38.0



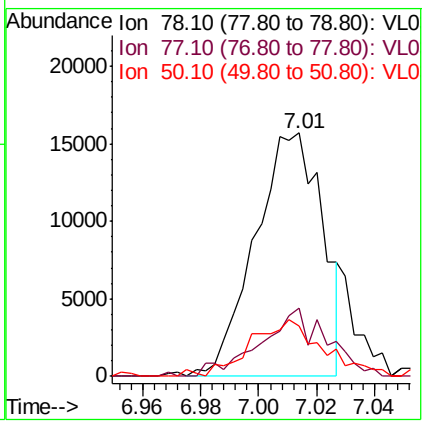


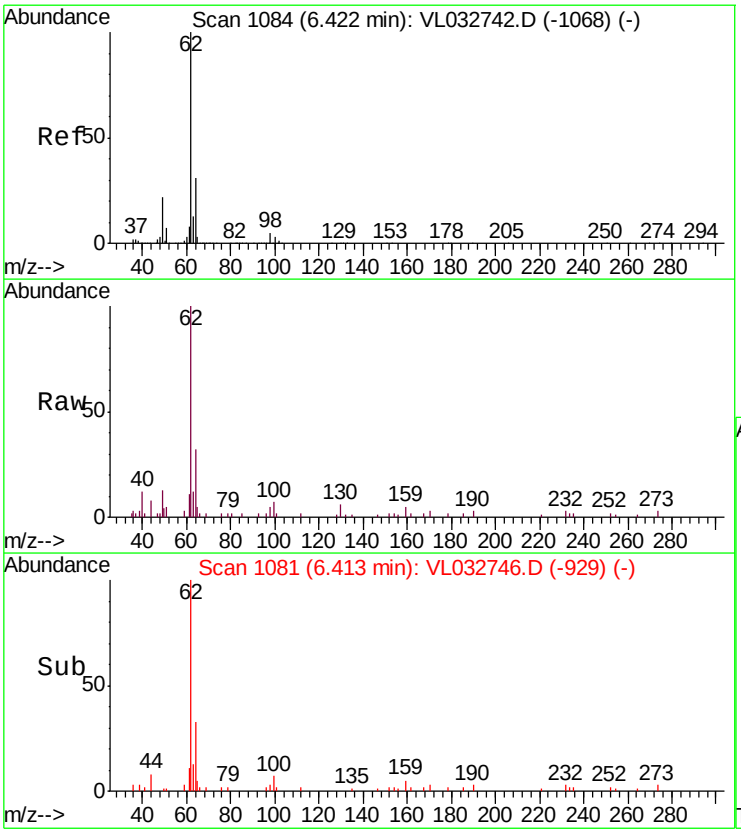
#36
Benzene
Concen: 0.077 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 25296

Ion	Ratio	Lower	Upper
78	100		
77	28.1	17.8	26.8#
50	18.1	15.4	23.0

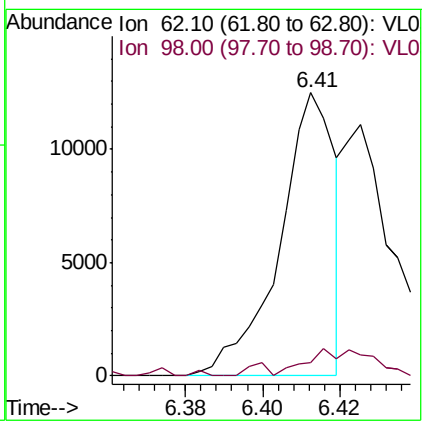


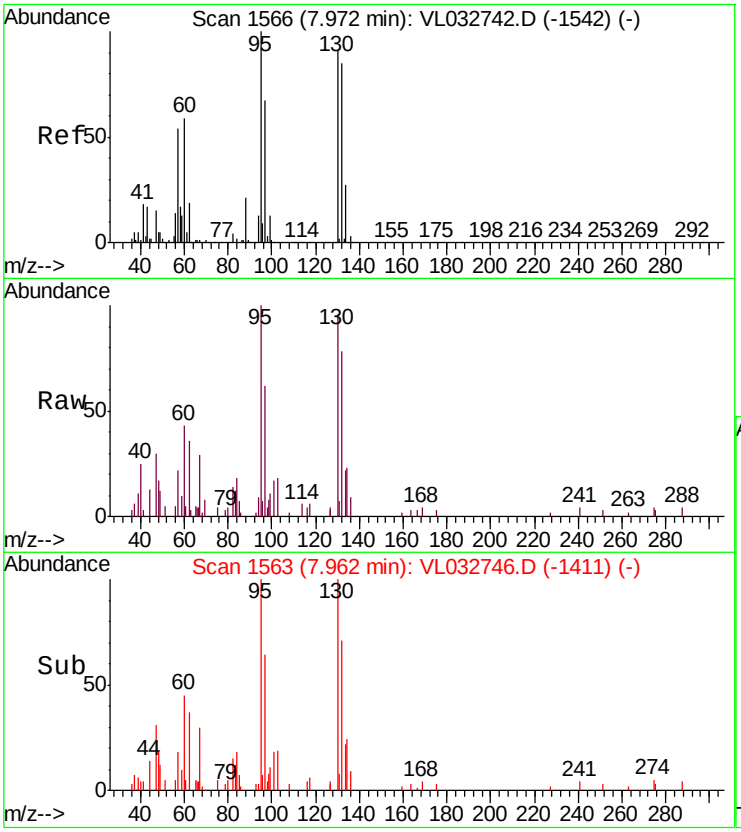


#37
1,2-Dichloroethane
Concen: 0.061 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 62 Resp: 12412

Ion	Ratio	Lower	Upper
62	100		
98	12.9	4.5	6.7#



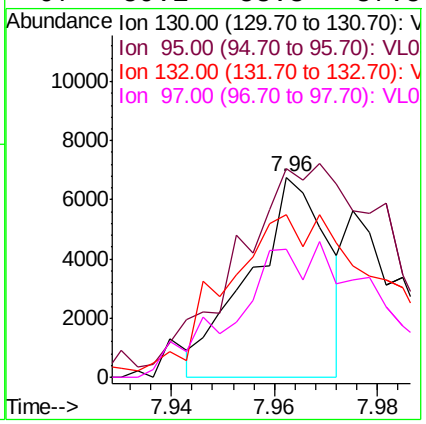


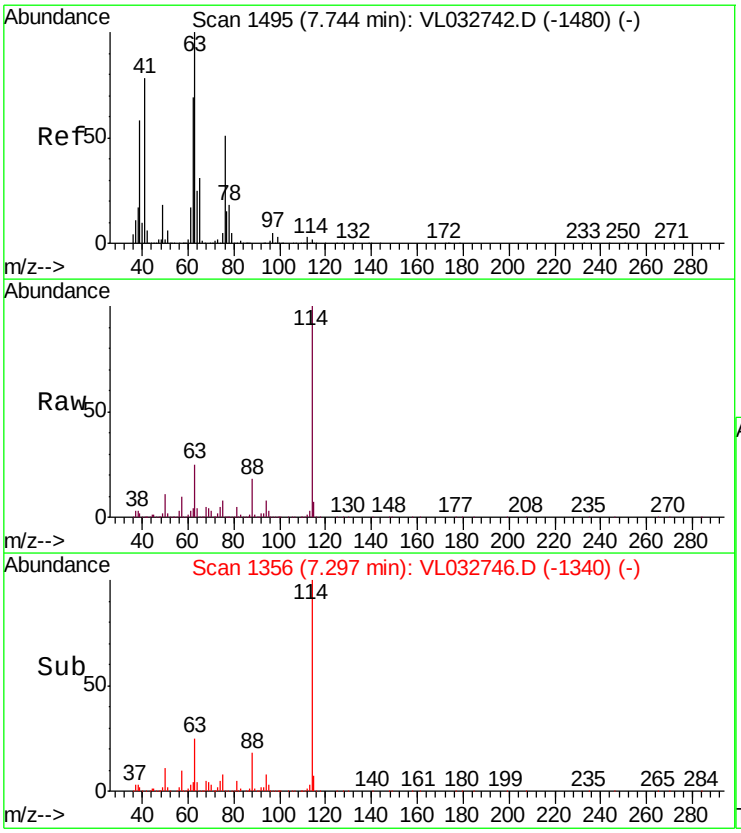
#38
Trichloroethene
Concen: 0.057 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 6975

Ion	Ratio	Lower	Upper
130	100		
95	80.8	87.7	131.5#
132	77.8	74.6	111.8
97	59.1	58.3	87.5

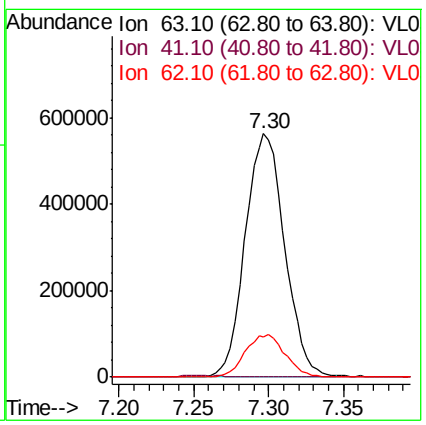


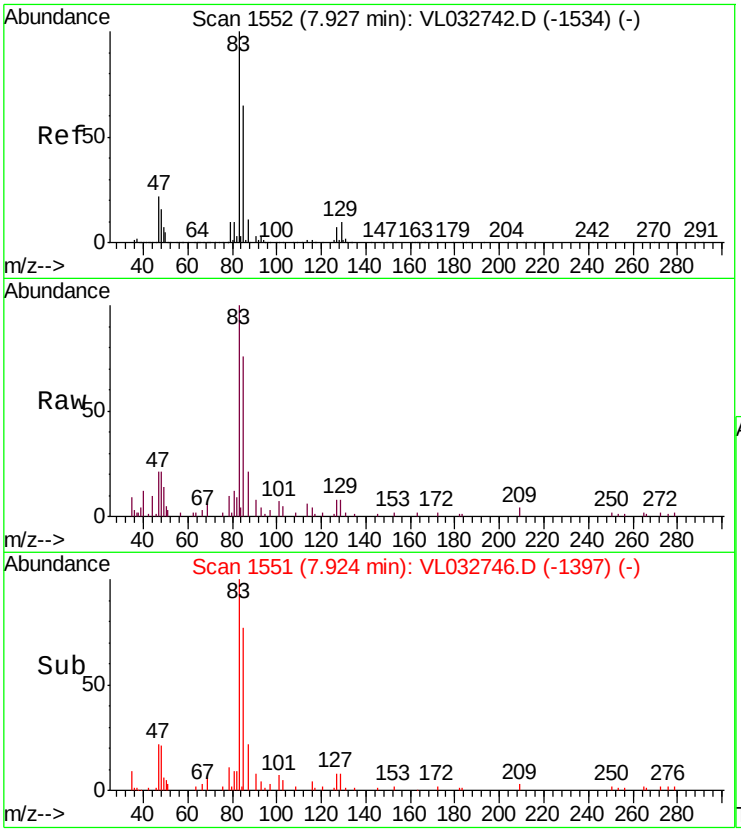


#39
1,2-Dichloropropane
Concen: 8.184 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 63 Resp: 1033357

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	16.5	55.4	83.2#



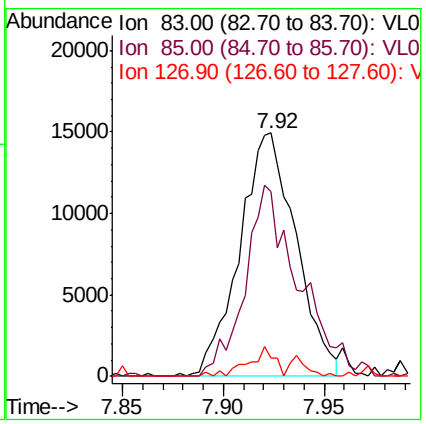


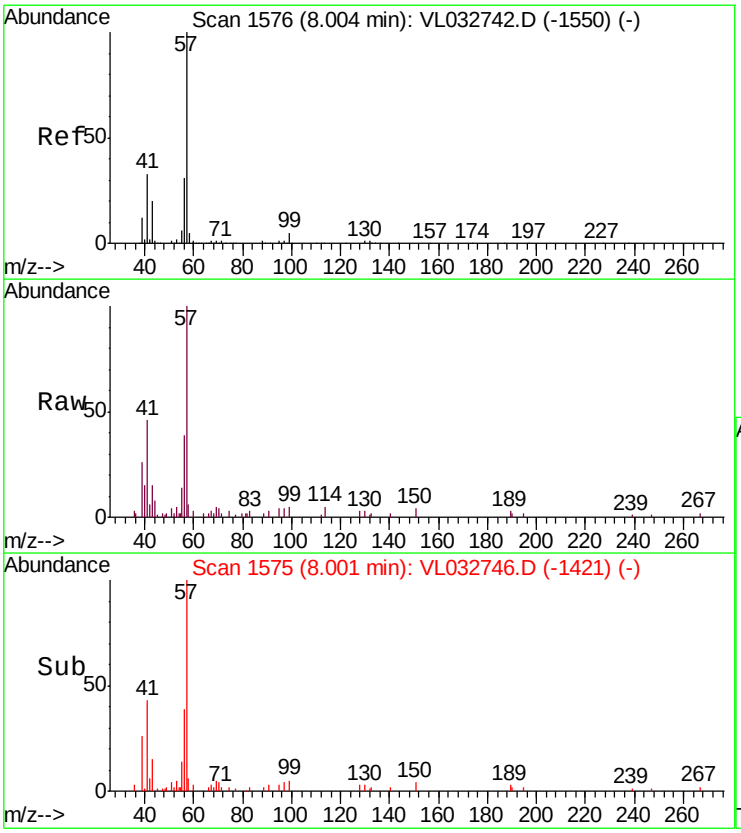
#42
Bromodichloromethane
Concen: 0.103 ppbv
RT: 7.92 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 29138

Ion	Ratio	Lower	Upper
83	100		
85	75.8	51.8	77.8
127	7.5	5.9	8.9

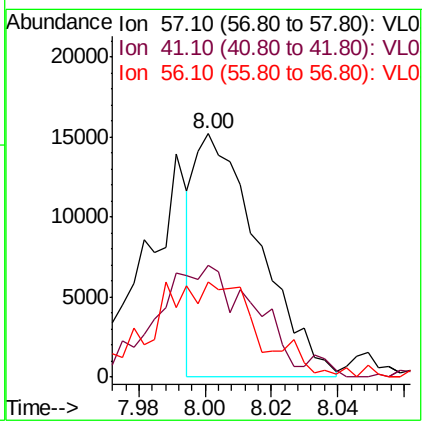


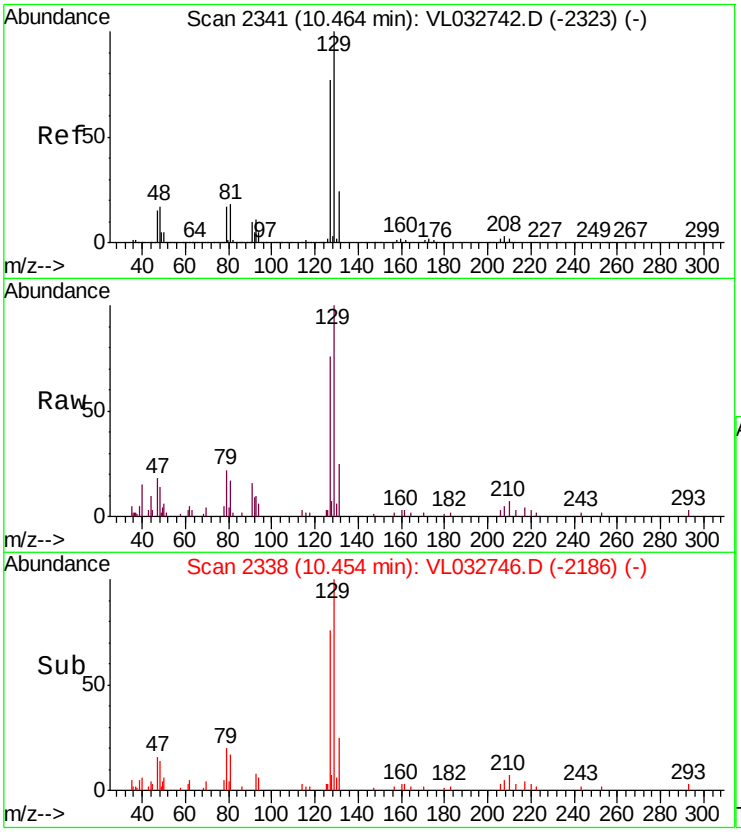


#44
2,2,4-Trimethylpentane
Concen: 0.037 ppbv
RT: 8.00 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 57 Resp: 20419

Ion	Ratio	Lower	Upper
57	100		
41	75.0	26.6	39.8#
56	0.0	24.8	37.2#



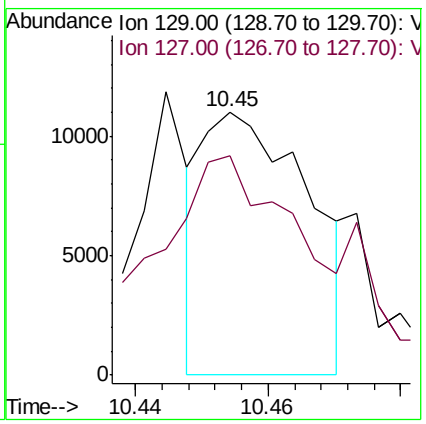


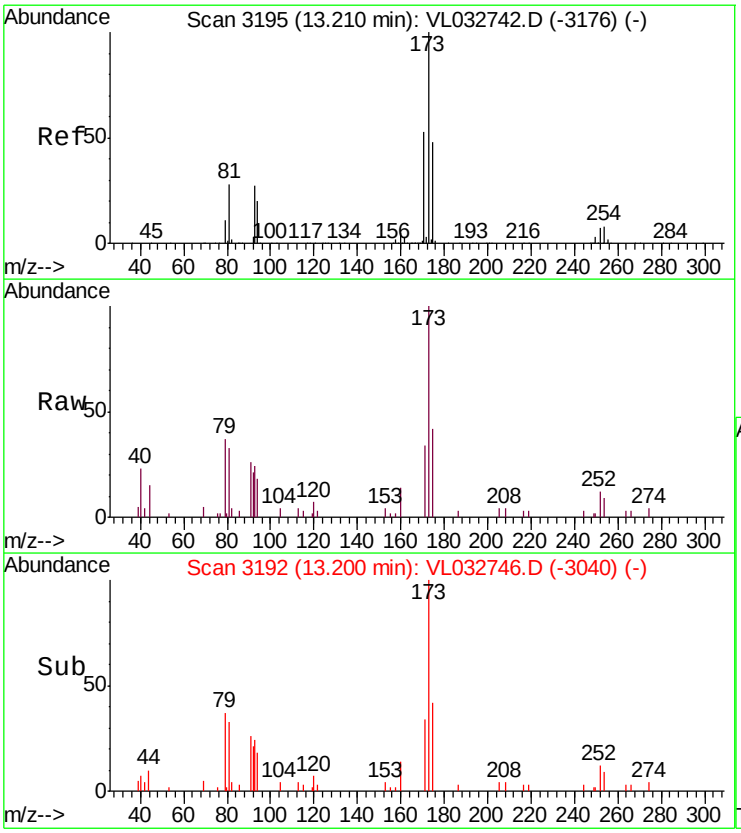
#48
Dibromochloromethane
Concen: 0.049 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 12215

Ion	Ratio	Lower	Upper
129	100		
127	150.2	39.0	117.0#

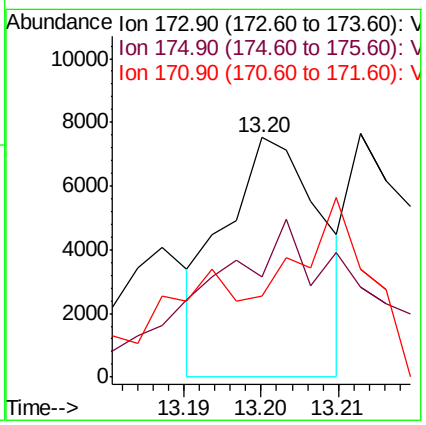


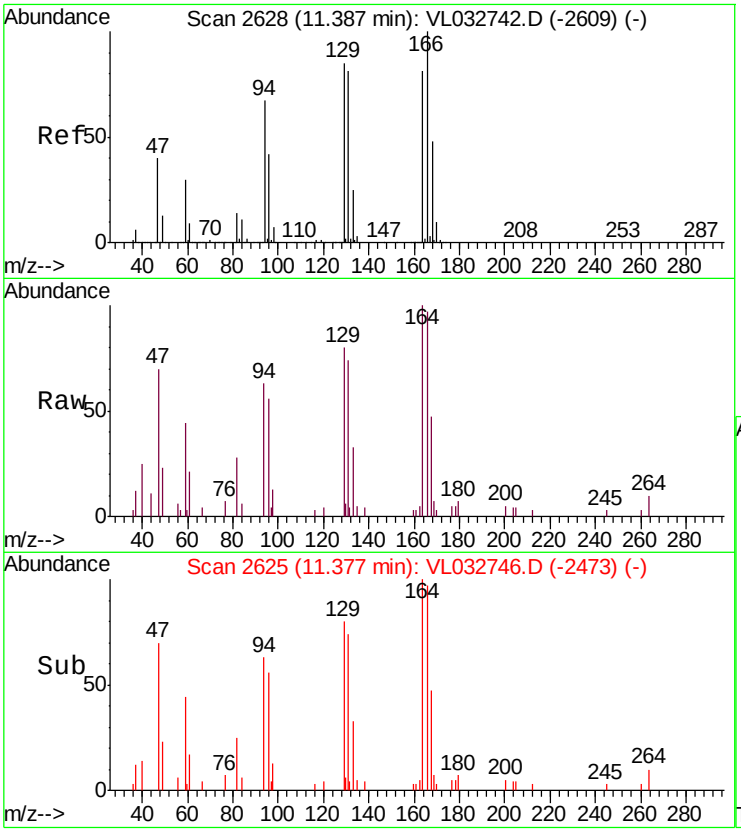


#49
Bromoform
Concen: 0.033 ppbv
RT: 13.20 min Scan# 3192
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:173 Resp: 6571

Ion	Ratio	Lower	Upper
173	100		
175	135.9	39.4	59.0#
171	0.0	42.0	63.0#



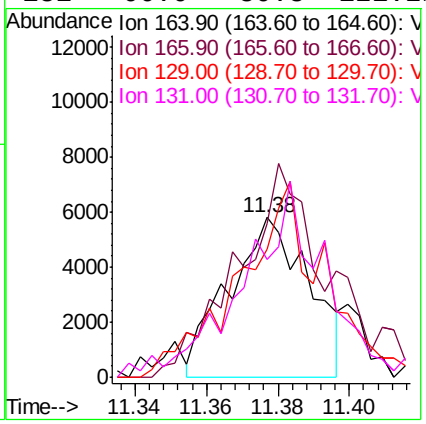


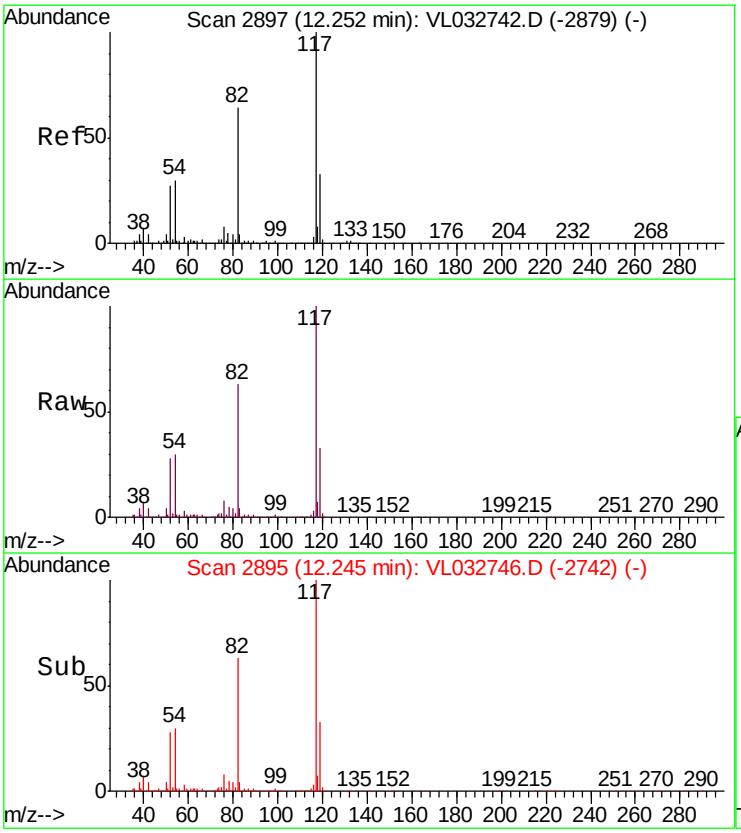
#52
Tetrachloroethene
Concen: 0.079 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:164 Resp: 9073

Ion	Ratio	Lower	Upper
164	100		
166	74.8	99.3	148.9#
129	63.4	83.9	125.9#
131	66.0	80.8	121.2#

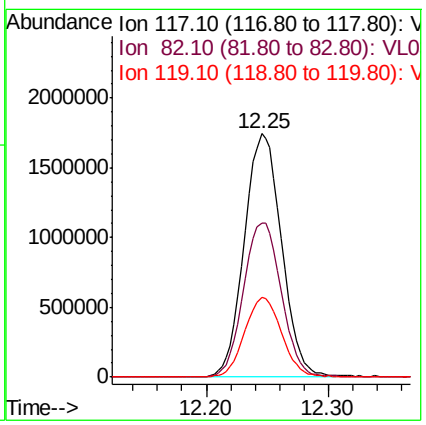


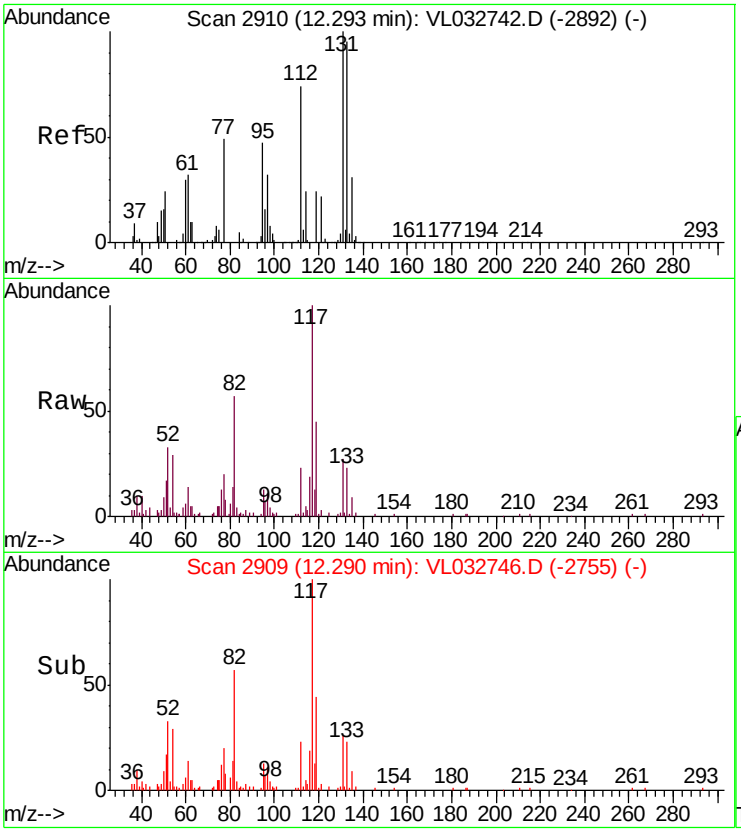


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:117 Resp: 3681284

Ion	Ratio	Lower	Upper
117	100		
82	65.0	51.0	76.6
119	32.7	28.0	42.0



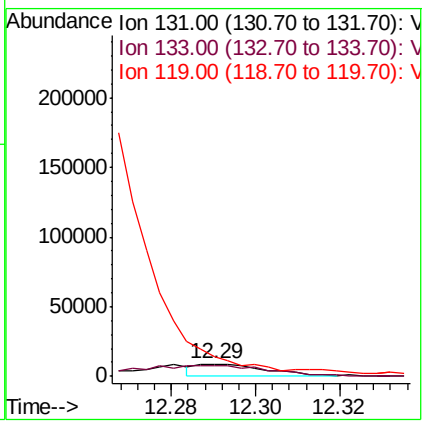


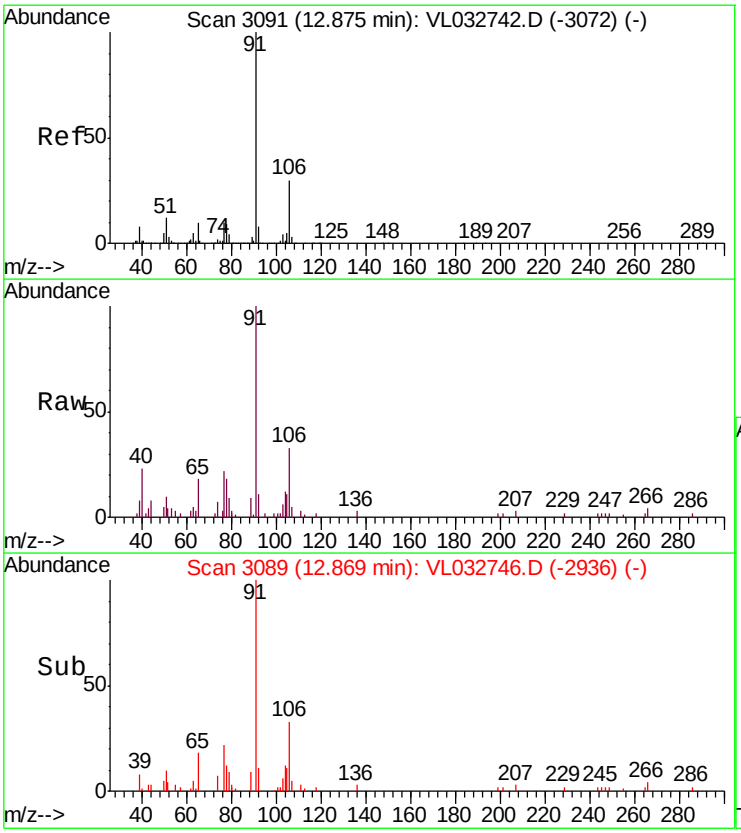
#56
1,1,1,2-Tetrachloroethane
Concen: 0.063 ppbv
RT: 12.29 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 10282

Ion	Ratio	Lower	Upper
131	100		
133	186.0	75.8	113.6#
119	0.0	45.2	67.8#

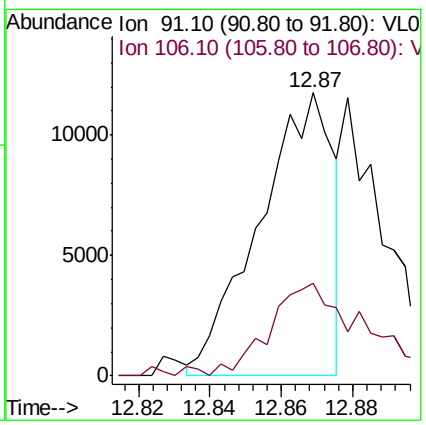


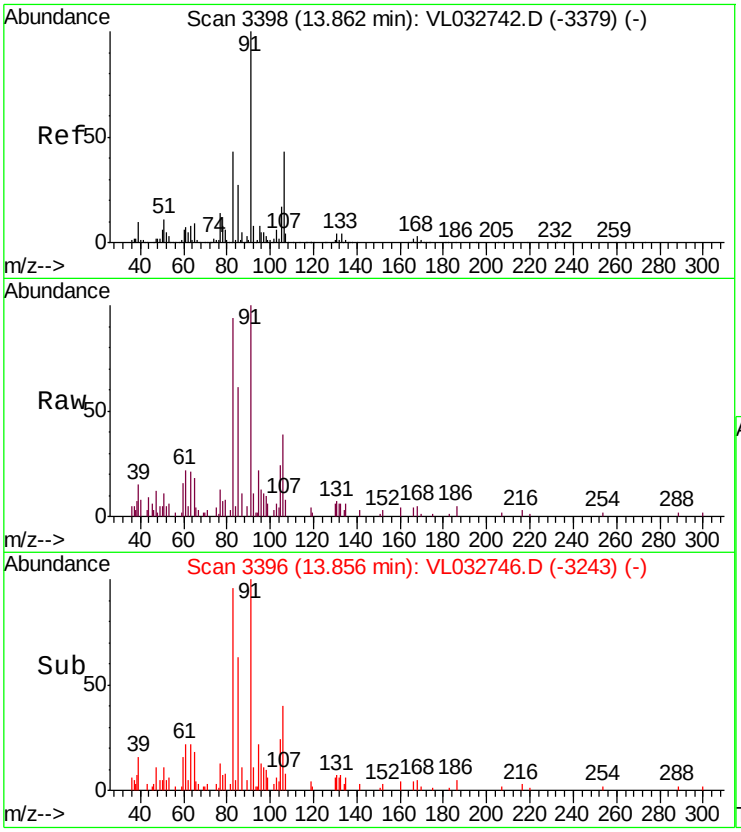


#58
Ethyl Benzene
Concen: 0.039 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 91 Resp: 16859

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.6	35.4



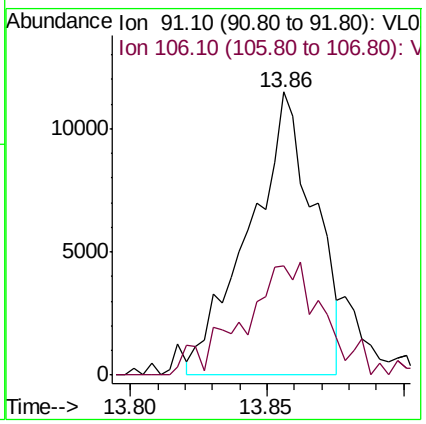


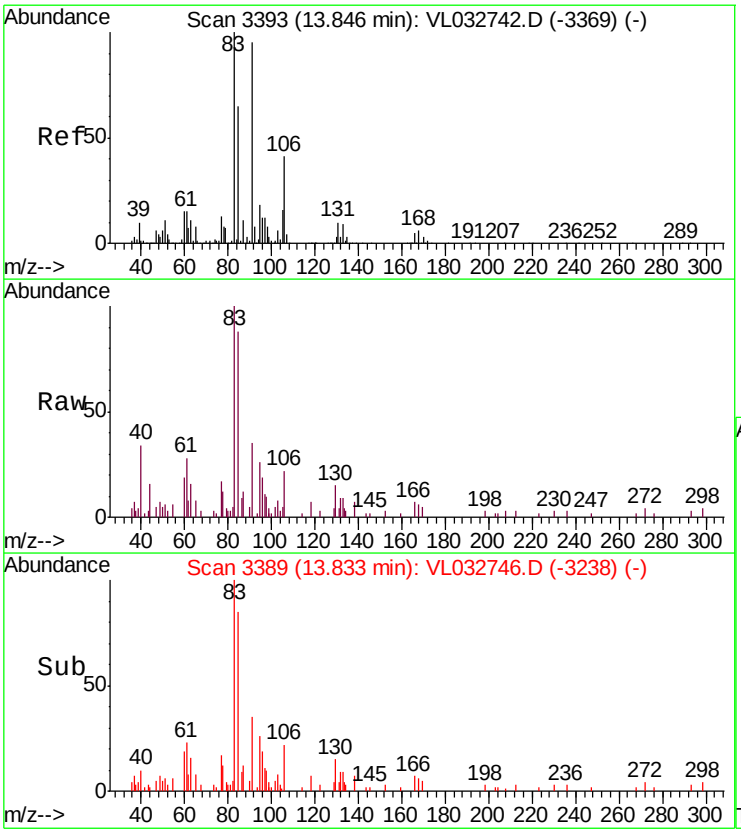
#60
o-Xylene
Concen: 0.051 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 18973

Ion	Ratio	Lower	Upper
91	100		
106	51.2	21.9	65.7

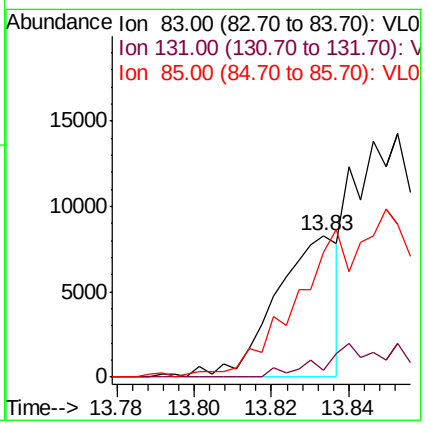


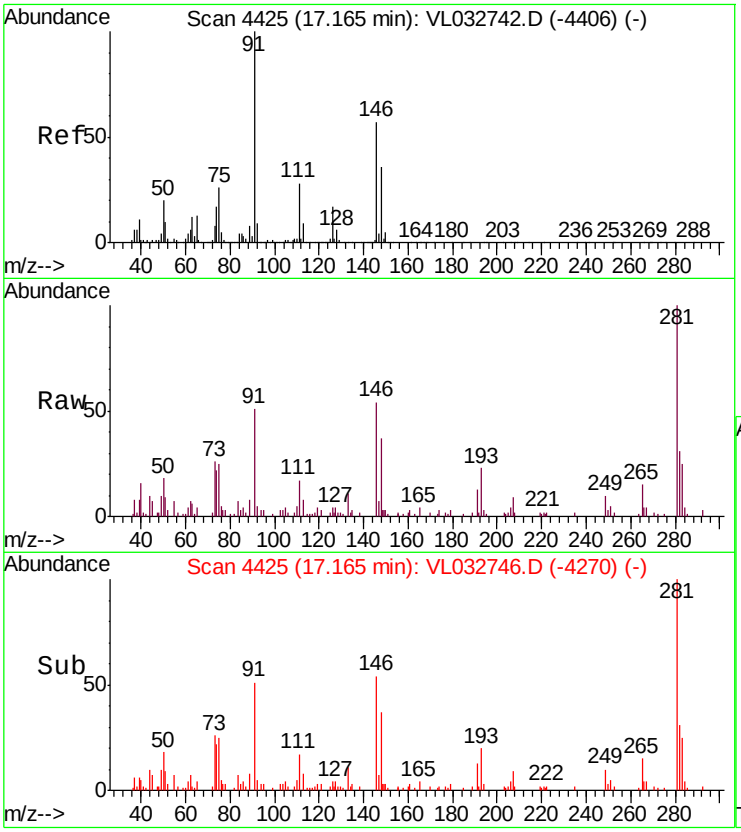


#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 83 Resp: 9301

Ion	Ratio	Lower	Upper
83	100		
131	37.8	4.7	14.1#
85	0.0	32.5	97.4#



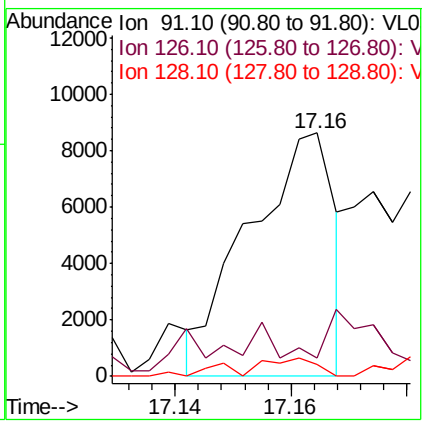


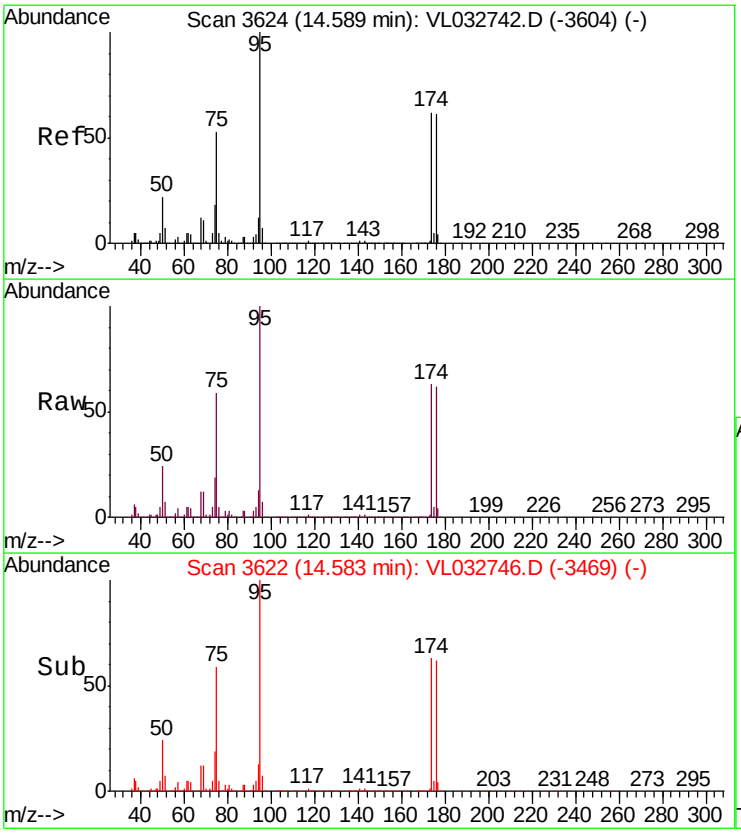
#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 8814

Ion	Ratio	Lower	Upper
91	100		
126	56.8	14.2	21.2#
128	6.5	4.5	6.7

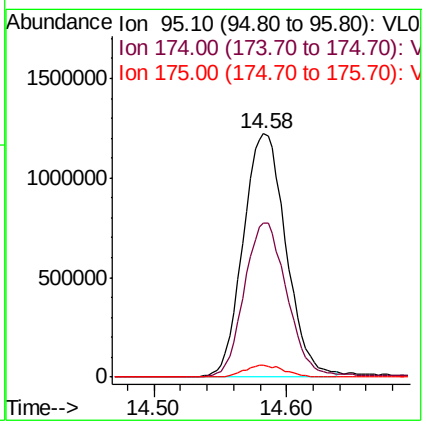


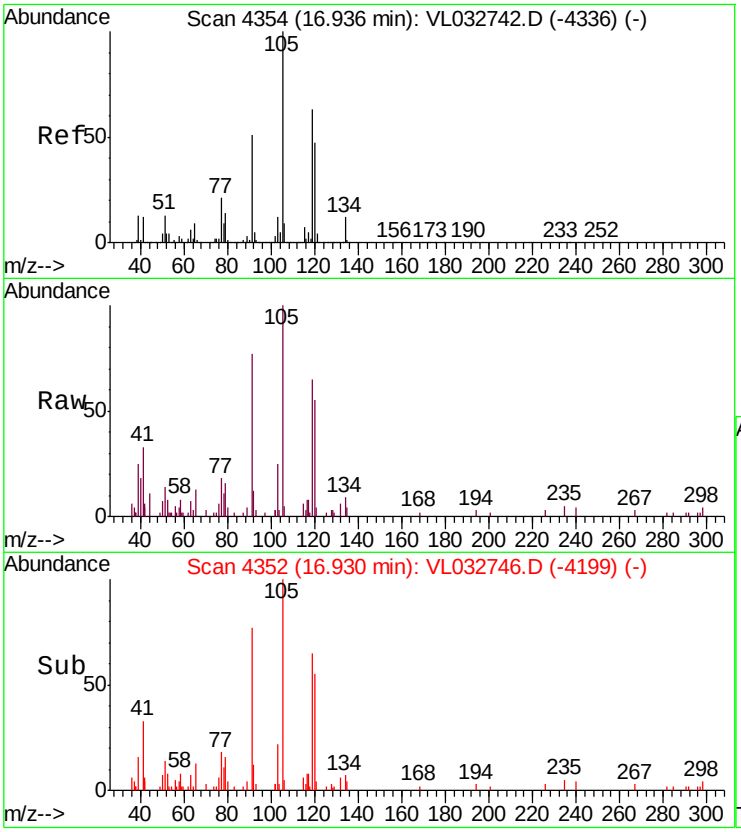


#68
1-Bromo-4-Fluorobenzene
Concen: 9.876 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion: 95 Resp: 2740254

Ion	Ratio	Lower	Upper
95	100		
174	64.7	50.7	76.1
175	4.7	3.8	5.6



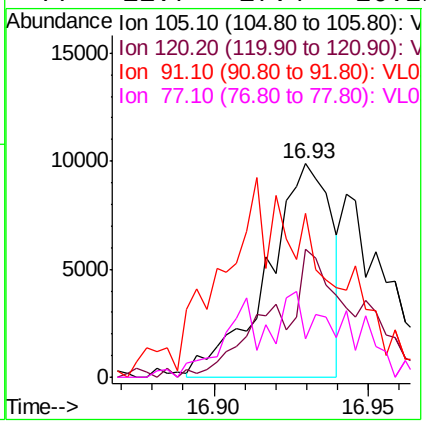


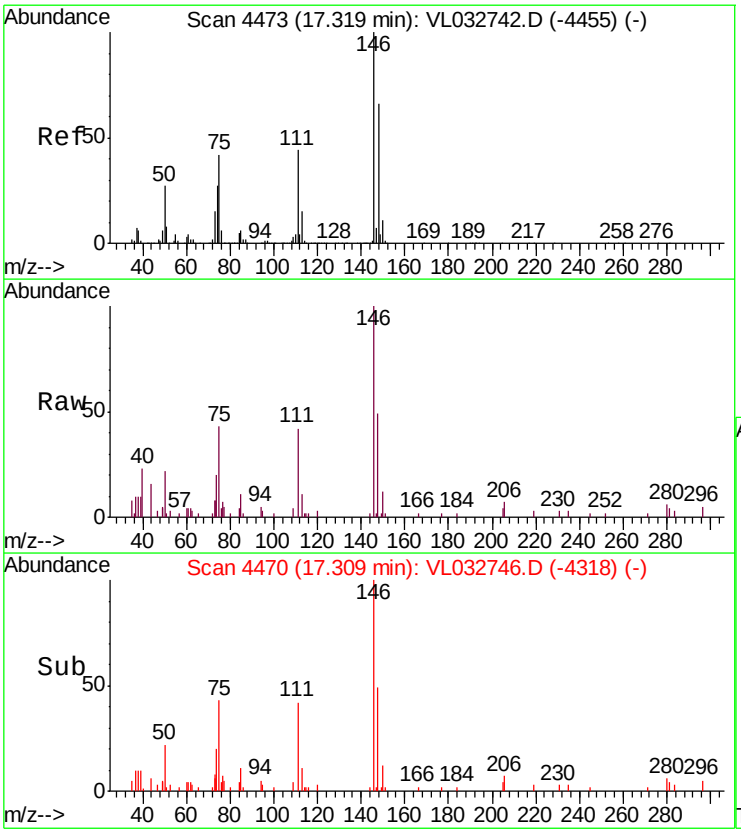
#74
1,2,4-Trimethylbenzene
Concen: 0.034 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 14243

Ion	Ratio	Lower	Upper
105	100		
120	57.5	37.6	56.4#
91	46.1	42.5	63.7
77	11.7	17.4	26.2#

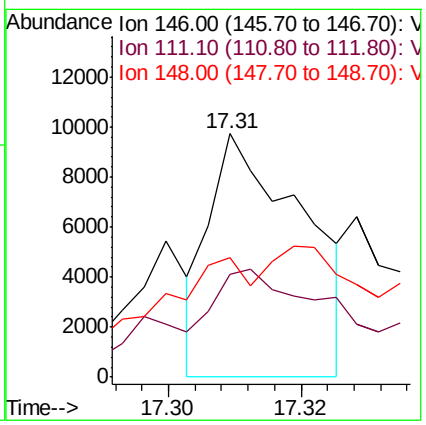


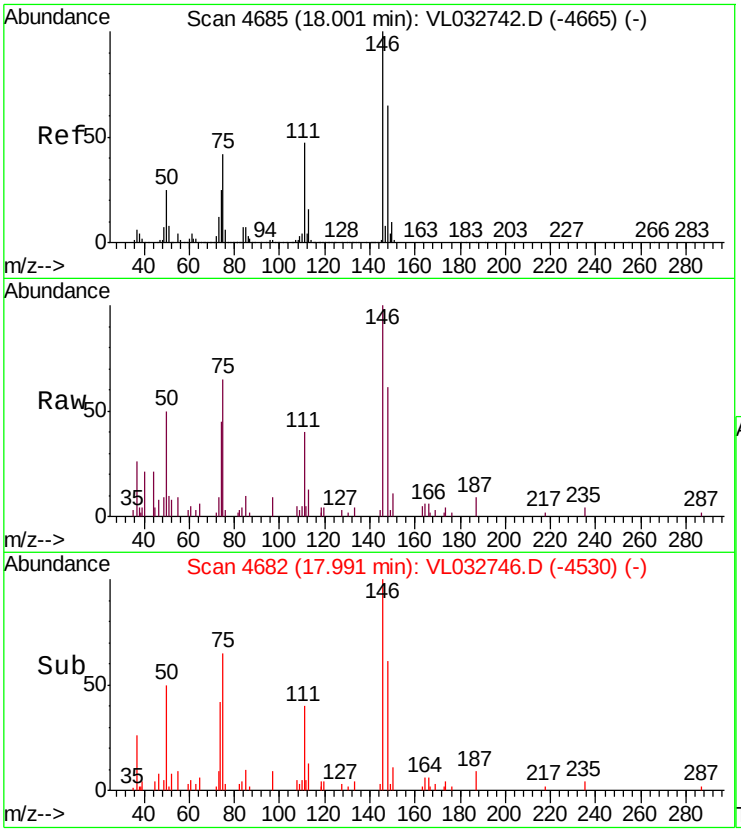


#76
1,4-Dichlorobenzene
Concen: 0.043 ppbv
RT: 17.31 min Scan# 4470
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:146 Resp: 9616

Ion	Ratio	Lower	Upper
146	100		
111	91.9	22.5	67.5#
148	0.0	32.5	97.5#



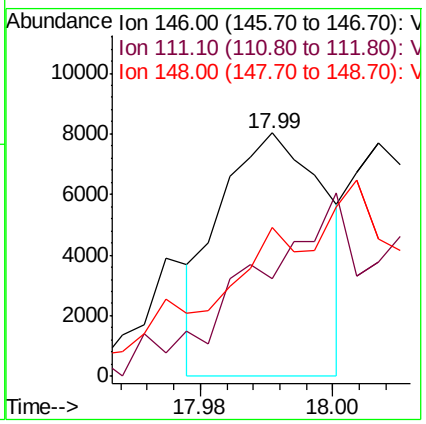


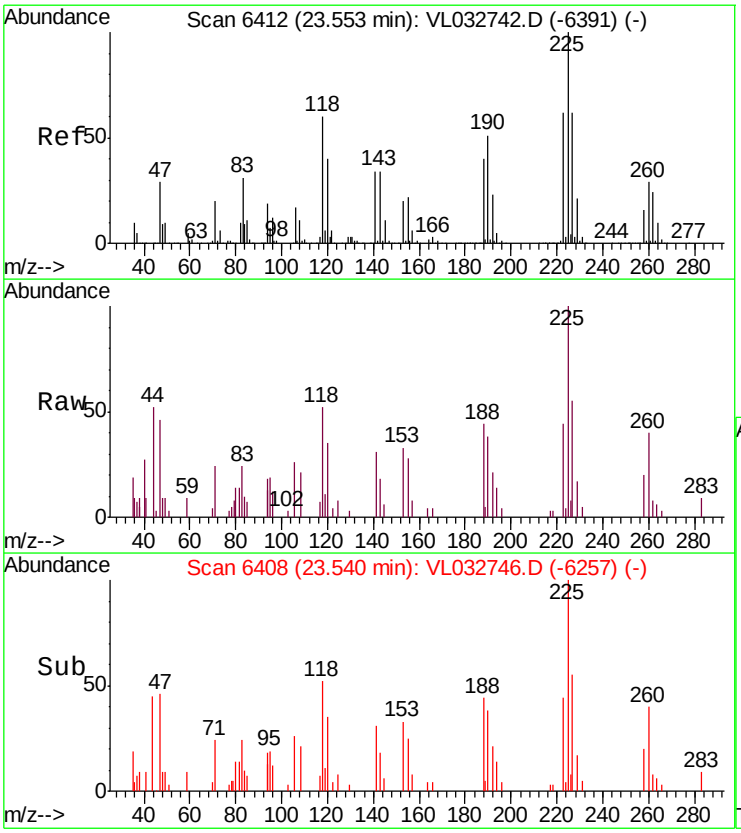
#77
1,2-Dichlorobenzene
Concen: 0.039 ppbv
RT: 17.99 min Scan# 4682
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 8830

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	0.0	32.2	96.6#

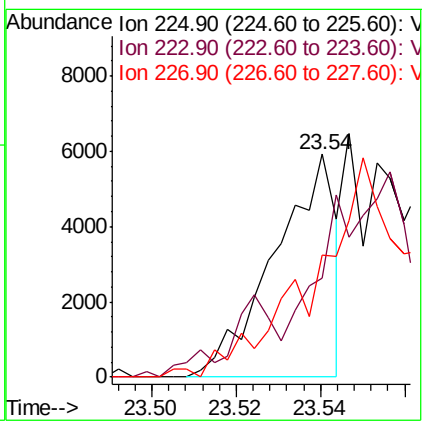


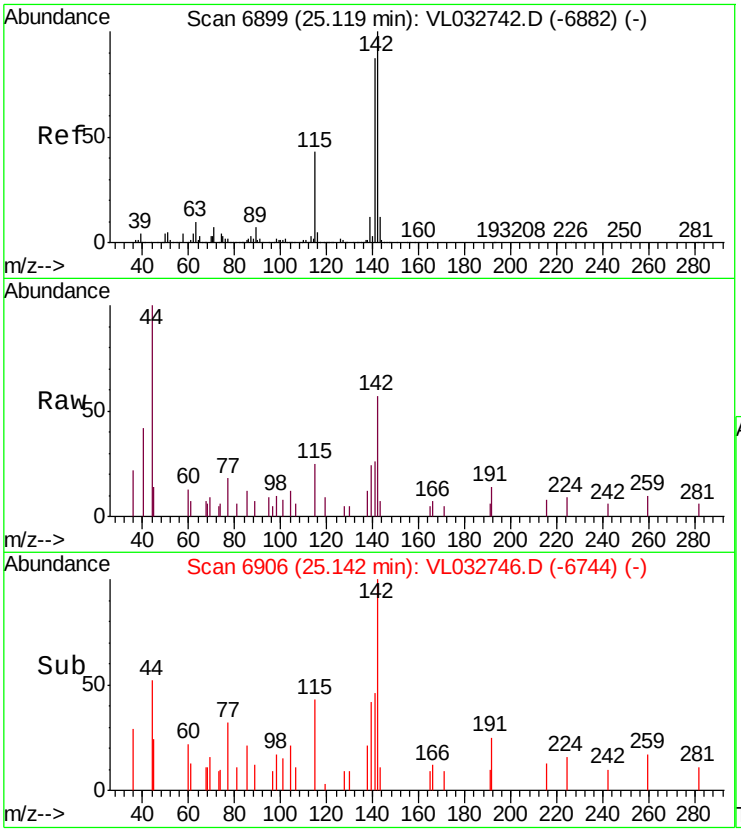


#78
Hexachloro-1,3-Butadiene
Concen: 0.052 ppbv
RT: 23.54 min Scan# 6408
Delta R.T. -0.01 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Tgt Ion:225 Resp: 5949

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.3	75.5#
227	0.0	50.2	75.4#





#80
Naphthalene,2-methyl-
Concen: 0.043 ppbv
RT: 25.14 min Scan# 6906
Delta R.T. 0.02 min
Lab File: VL032746.D
Acq: 14 Nov 2018 4:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 2681

Ion	Ratio	Lower	Upper
142	100		
141	91.2	68.7	103.1
115	46.5	35.5	53.3