Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
Data File : VL032232.D
Acq On : 12 Jul 2018 20:48
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jul 13 03:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 03:36:40 2018
QLast Update : Fri Jul 13 03:36:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.84	49	1869850	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.37	114	3992770	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.33	117	4840720	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.67	95	3868111	10.41	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	46160	0.182	ppbv		98
3) Chlorodifluoromethane	3.06	51	30728	0.131	ppbv		96
4) Chloromethane	3.22	50	8758	0.069	ppbv		90
5) Vinyl Chloride	3.35	62	14726	0.116	ppbv		100
6) Bromomethane	3.58	94	6676	0.093	ppbv		88
7) Chloroethane	3.66	64	5860	0.130	ppbv	#	83
8) Dichlorotetrafluoroethane	3.27	85	35595	0.126	ppbv		96
9) Propene	3.09	41	9474	0.088	ppbv	#	64
10) Heptane	8.33	43	20377	0.066	ppbv		96
11) Trichlorofluoromethane	4.07	101	27064	0.102	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.62	101	11436	0.065	ppbv	#	17
14) Bromoethene	3.85	108	4319	0.052	ppbv	#	18
15) Acetone	3.98	43	46606	0.214	ppbv		91
16) 1,3-Butadiene	3.42	39	10258	0.095	ppbv		89
18) 1,1-Dichloroethene	4.42	96	3827	0.046	ppbv	#	1
20) Methylene Chloride	4.48	84	20754	0.263	ppbv		95
21) Allyl Chloride	4.54	41	11349	0.078	ppbv	#	76
22) trans-1,2-Dichloroethene	5.04	96	6981	0.080	ppbv		92
23) Vinyl Acetate	5.23	43	9000	0.023	ppbv	#	85
24) 1,1-Dichloroethane	5.16	63	26109	0.102	ppbv	#	95
25) Ethyl Acetate	5.86	43	43087	0.095	ppbv	#	96
26) Hexane	5.85	57	12766	0.061	ppbv	#	1
27) Carbon Disulfide	4.69	76	10669	0.053	ppbv	#	64
28) Methyl tert-Butyl Ether	5.21	73	14188	0.039	ppbv	#	56
29) Chloroform	5.92	83	11611	0.038	ppbv		86
31) cis-1,2-Dichloroethene	5.72	61	17966	0.086	ppbv	#	88
35) Carbon Tetrachloride	7.22	117	17637	0.064	ppbv		98
36) Benzene	7.09	78	37941	0.097	ppbv	#	93
37) 1,2-Dichloroethane	6.49	62	21737	0.111	ppbv	#	95
38) Trichloroethene	8.04	130	5226	0.035	ppbv	#	81
39) 1,2-Dichloropropane	7.38	63	1109670	7.235	ppbv	#	27
40) 1,4-Dioxane	8.11	88	1177	0.020	ppbv	#	21
42) Bromodichloromethane	8.00	83	28522	0.095	ppbv	#	78
43) Methyl Methacrylate	8.23	69	4231	0.027	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.08	57	30400	0.045	ppbv	#	34
45) t-1,3-Dichloropropene	9.50	75	6807	0.034	ppbv		97
46) cis-1,3-Dichloropropene	8.93	75	13060	0.055	ppbv		96
47) 1,1,2-Trichloroethane	9.70	97	3584	0.023	ppbv	#	34
48) Dibromochloromethane	10.54	129	13570	0.056	ppbv	#	10
49) Bromoform	13.29	173	14656	0.072	ppbv		90
52) Tetrachloroethene	11.46	164	5605	0.040	ppbv	#	50

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
Data File : VL032232.D
Acq On : 12 Jul 2018 20:48
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jul 13 03:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 03:36:40 2018
QLast Update : Fri Jul 13 03:36:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Toluene	10.03	91	17590	0.038	ppbv	#	20
54) 1,2-Dibromoethane	10.85	107	10917	0.046	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.37	131	14362	0.067	ppbv	#	14
57) Chlorobenzene	12.40	112	33414	0.080	ppbv	#	86
58) Ethyl Benzene	13.25	91	22540	0.029	ppbv		100
59) m/p-Xylene	13.24	91	16001	0.026	ppbv	#	31
60) o-Xylene	13.94	91	26280	0.042	ppbv	#	32
62) Isopropylbenzene	14.92	105	34058	0.036	ppbv	#	56
63) 1,1,2,2-Tetrachloroethane	13.93	83	37053	0.076	ppbv		79
64) n-propylbenzene	15.82	120	11514	0.047	ppbv	#	13
65) tert-Butylbenzene	17.00	119	24797	0.030	ppbv	#	1
67) sec-Butylbenzene	17.55	105	71999	0.059	ppbv		97
71) 2-Chlorotoluene	15.71	91	29355	0.040	ppbv	#	62
72) 4-Ethyltoluene	16.10	105	31339	0.039	ppbv	#	74
73) 1,3,5-Trimethylbenzene	16.25	105	16958	0.023	ppbv		89
74) 1,2,4-Trimethylbenzene	17.02	105	43547	0.057	ppbv	#	87
75) 1,3-Dichlorobenzene	17.26	146	37307	0.087	ppbv		75
77) 1,2-Dichlorobenzene	18.09	146	29447	0.069	ppbv		81

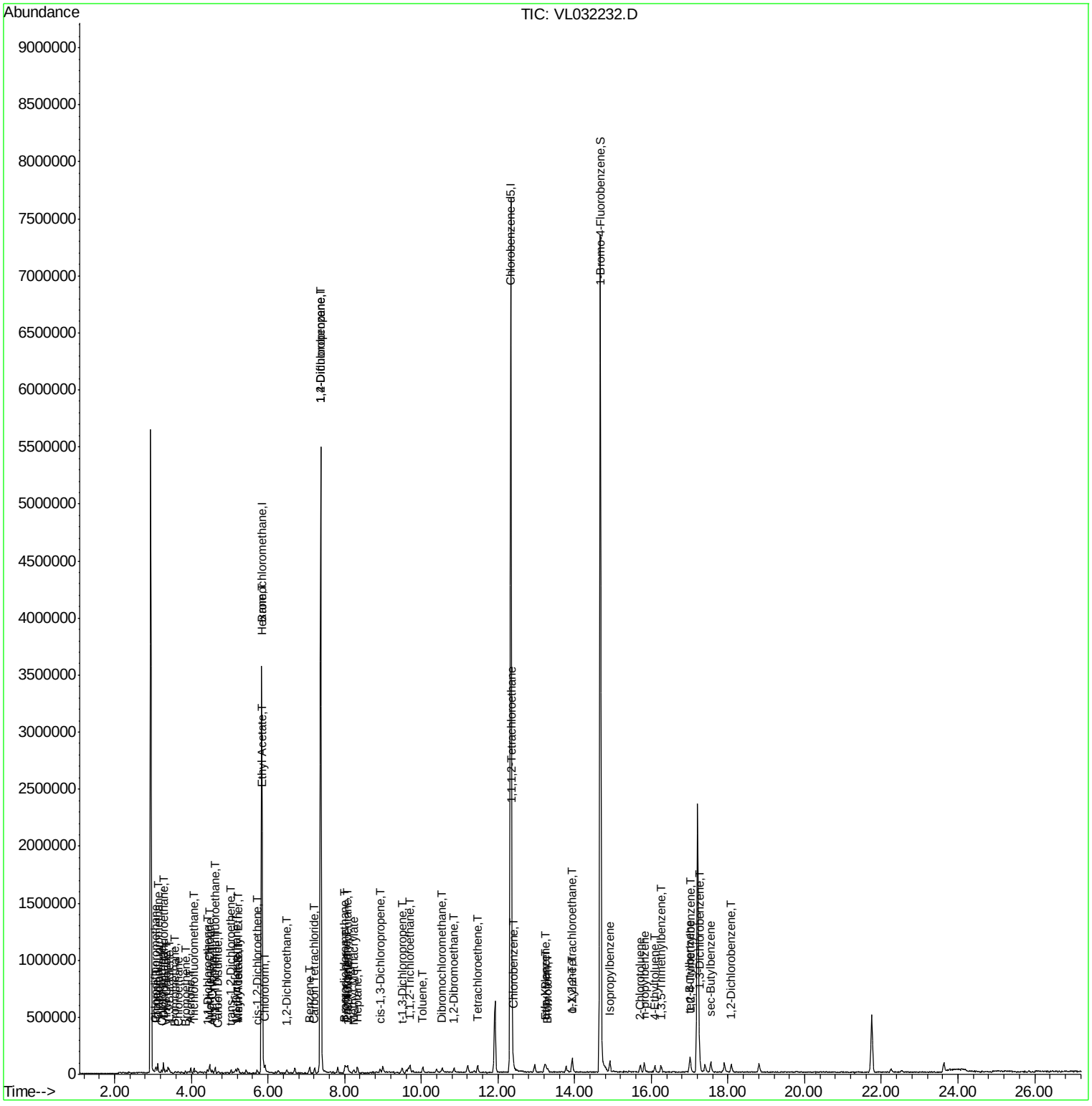
(#) = qualifier out of range (m) = manual integration (+) = signals summed

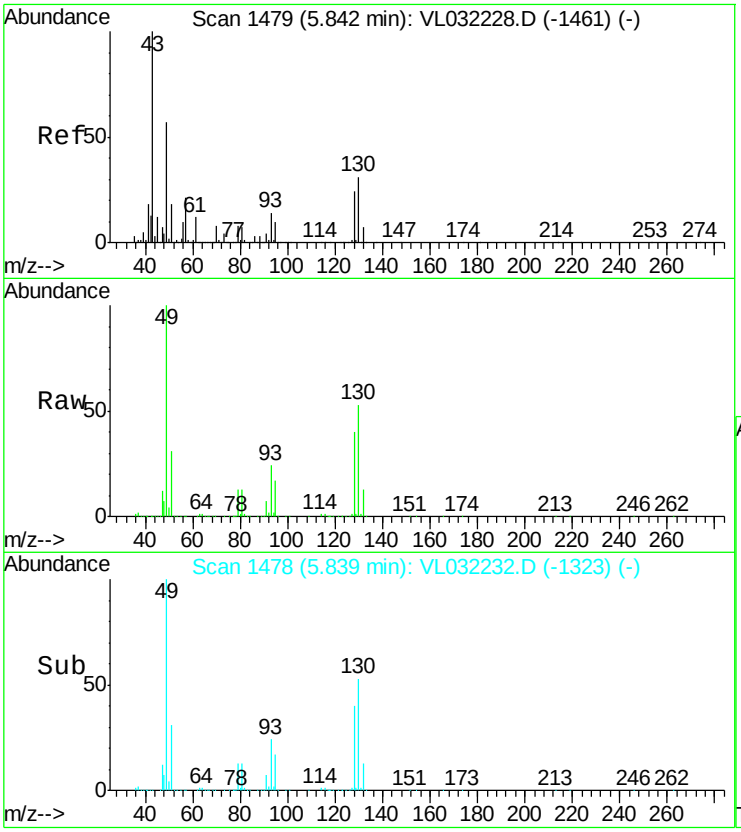
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
Data File : VL032232.D
Acq On : 12 Jul 2018 20:48
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jul 13 03:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jul 13 03:36:40 2018
QLast Update : Fri Jul 13 03:36:40 2018
Response via : Initial Calibration



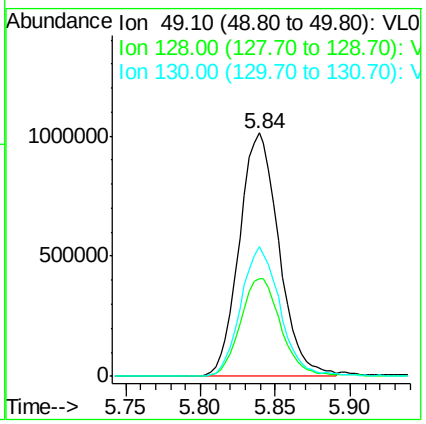


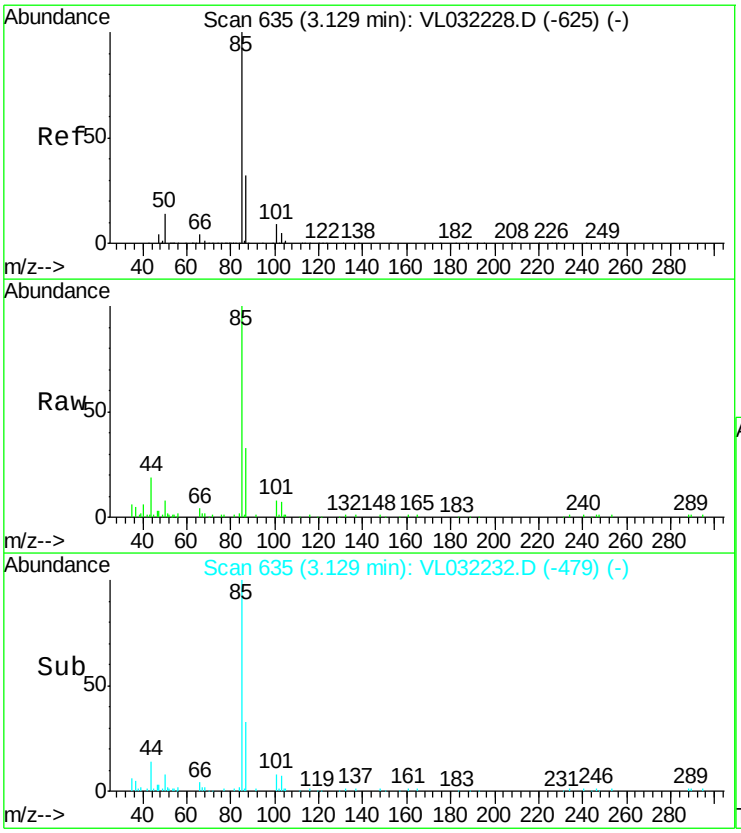
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1869850

Ion	Ratio	Lower	Upper
49	100		
128	41.6	20.9	62.8
130	53.4	27.0	81.0

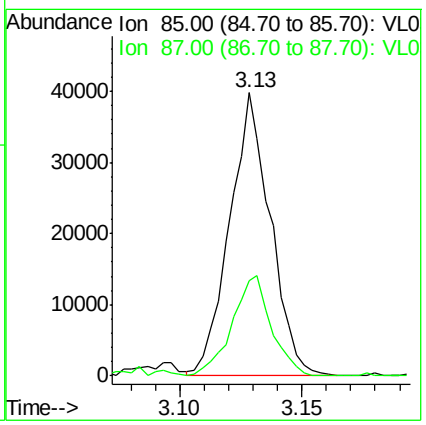


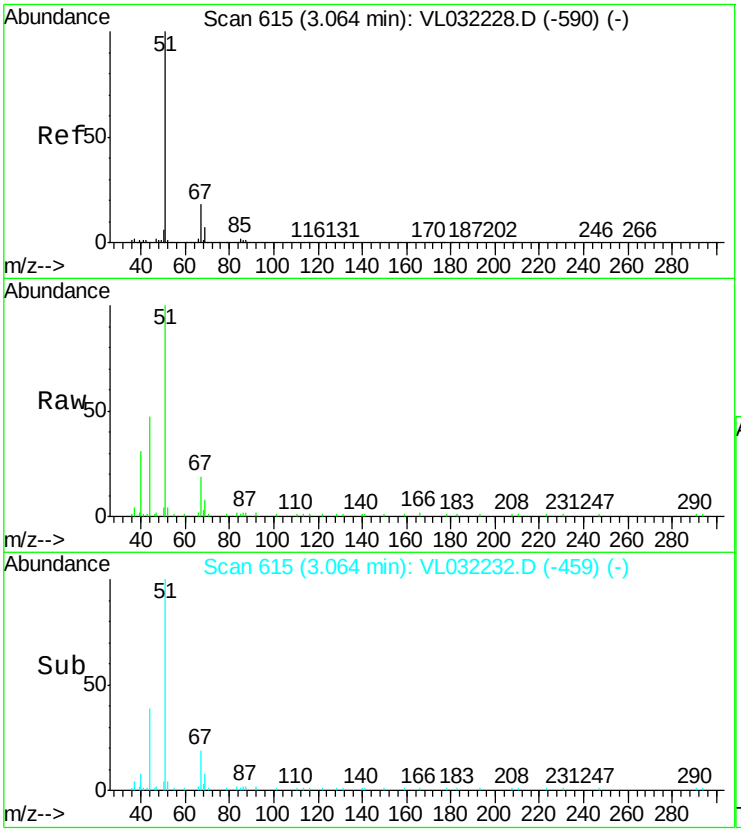


#2
Dichlorodifluoromethane
Concen: 0.182 ppbv
RT: 3.13 min Scan# 635
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 85 Resp: 46160

Ion	Ratio	Lower	Upper
85	100		
87	33.4	25.8	38.6



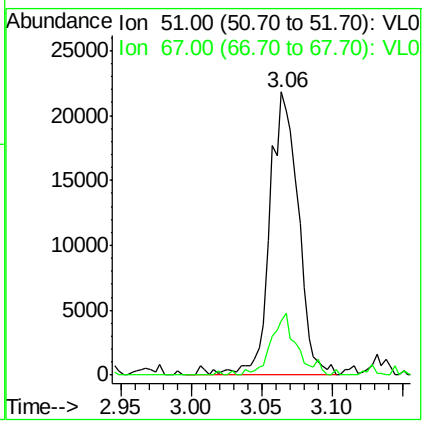


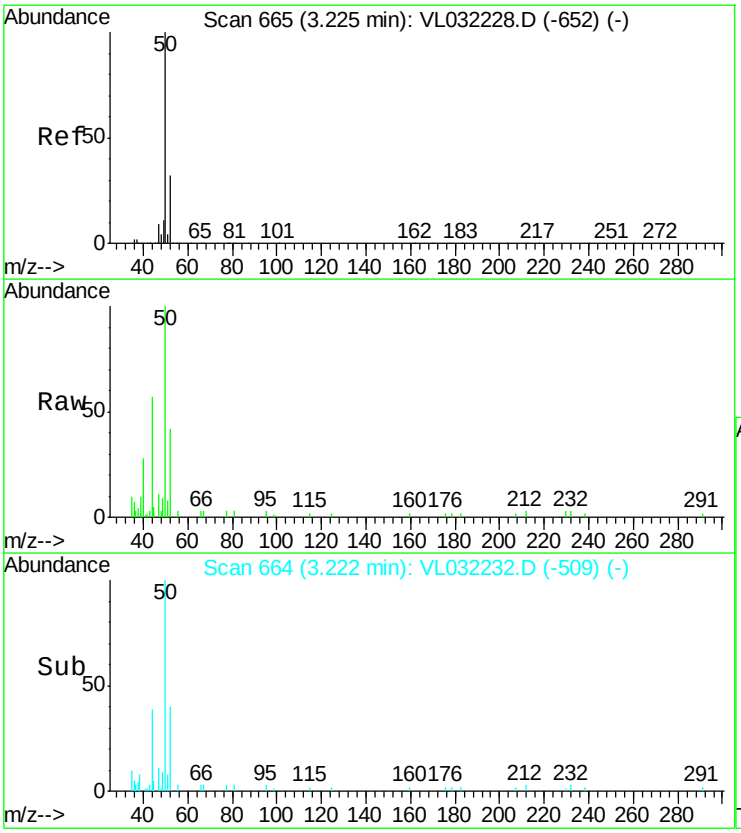
#3
Chlorodifluoromethane
Concen: 0.131 ppbv
RT: 3.06 min Scan# 615
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 30728

Ion	Ratio	Lower	Upper
51	100		
67	20.0	14.6	22.0

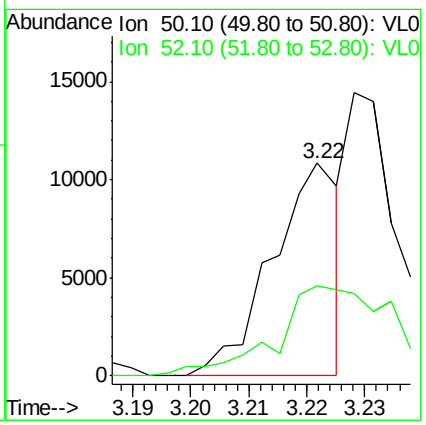


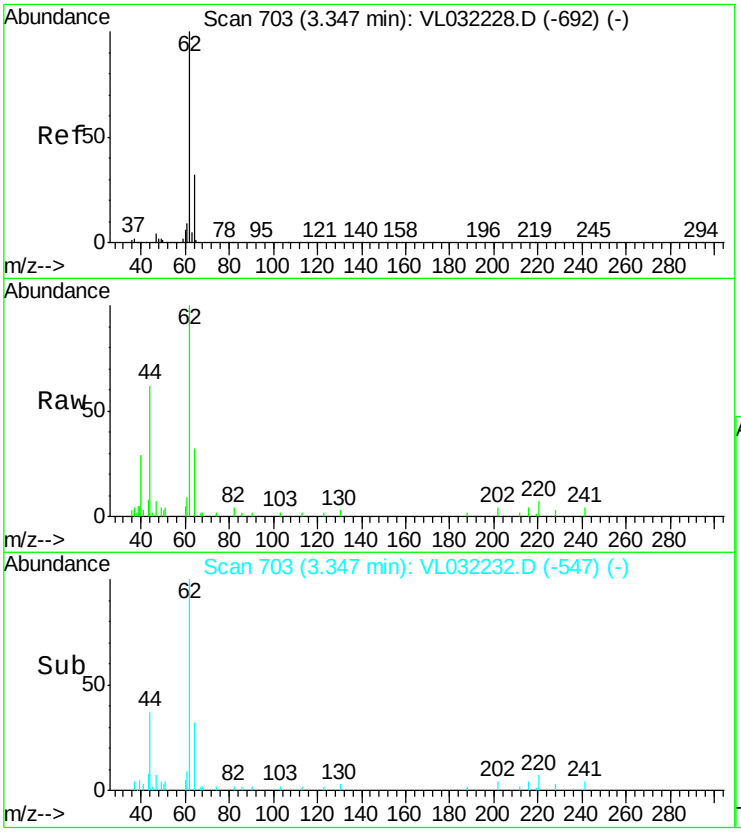


#4
Chloromethane
Concen: 0.069 ppbv
RT: 3.22 min Scan# 664
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 50 Resp: 8758

Ion	Ratio	Lower	Upper
50	100		
52	37.7	25.7	38.5



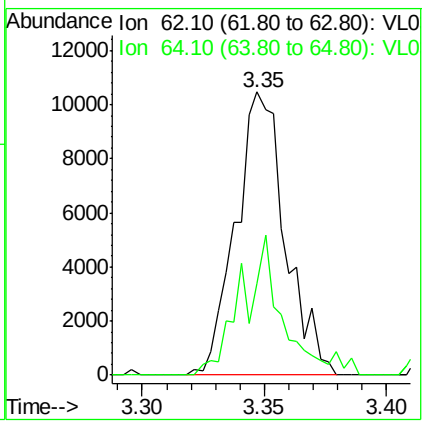


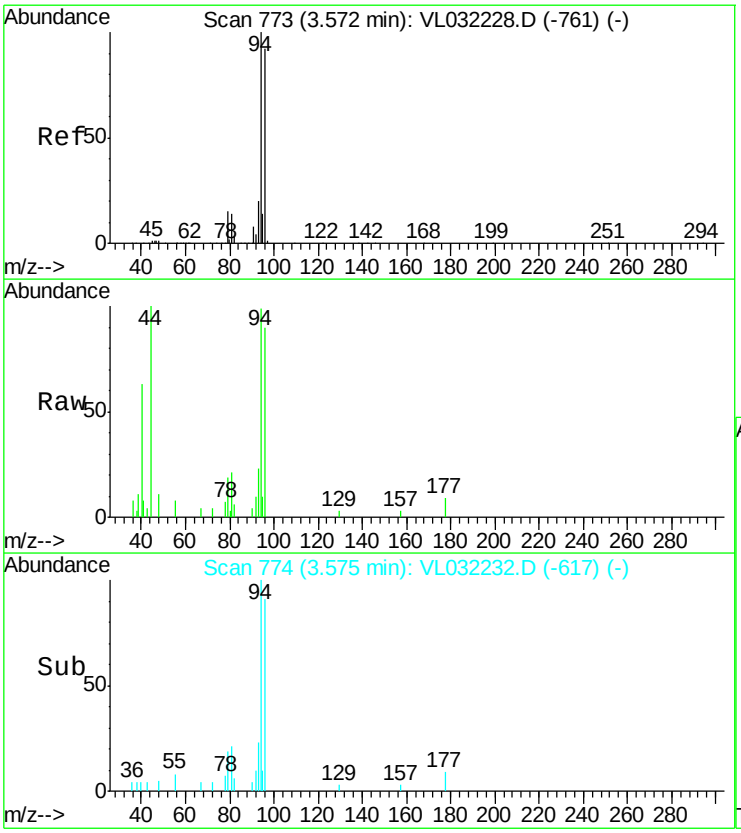
#5
Vinyl Chloride
Concen: 0.116 ppbv
RT: 3.35 min Scan# 703
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 14726

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.8	38.6

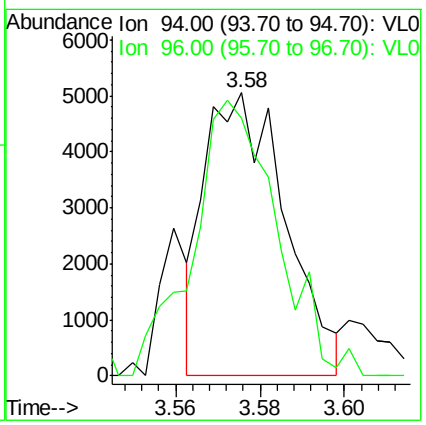


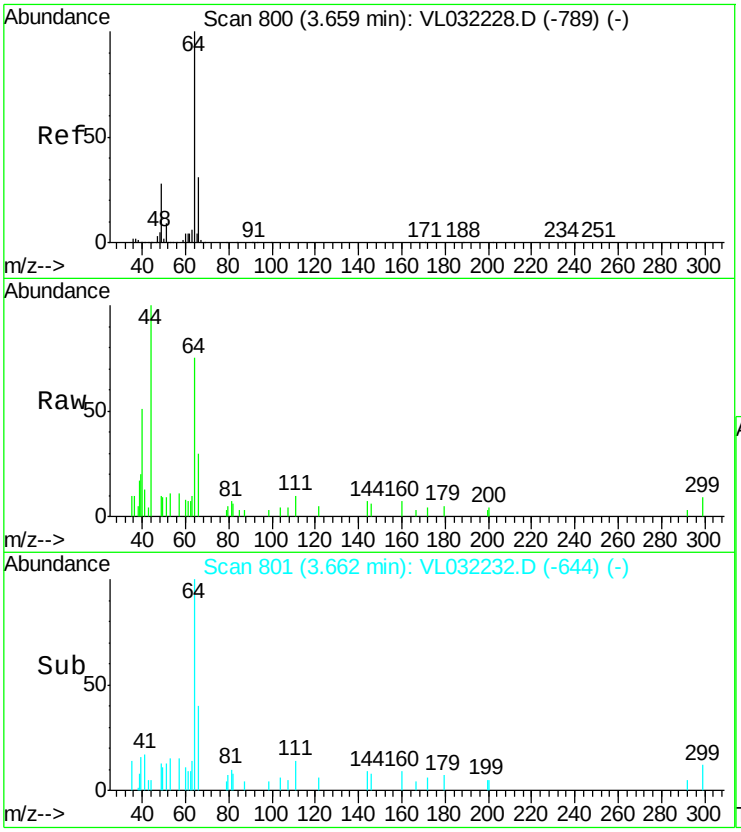


#6
Bromomethane
Concen: 0.093 ppbv
RT: 3.58 min Scan# 774
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 94 Resp: 6676

Ion	Ratio	Lower	Upper
94	100		
96	103.5	73.5	110.3



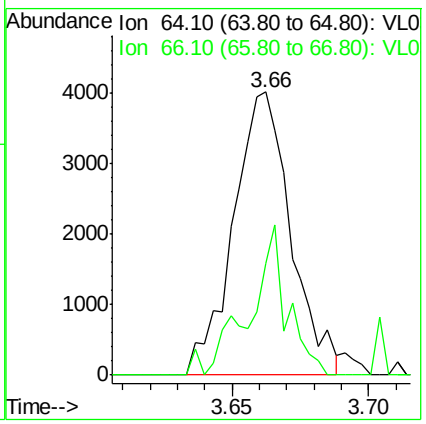


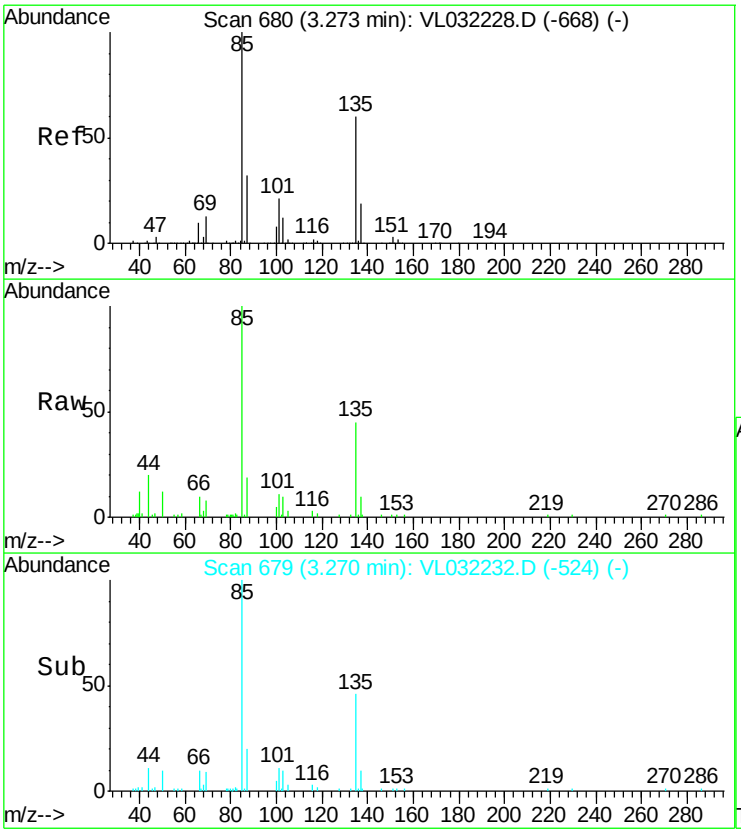
#7
Chloroethane
Concen: 0.130 ppbv
RT: 3.66 min Scan# 801
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 5860

Ion	Ratio	Lower	Upper
64	100		
66	39.7	24.4	36.6#

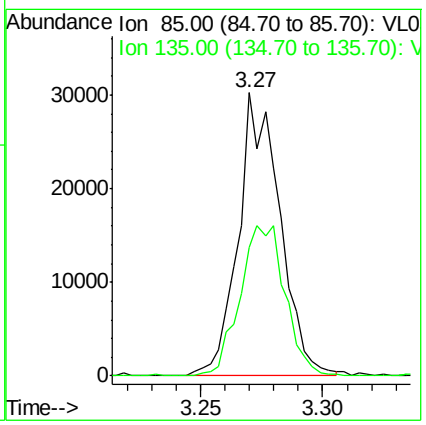


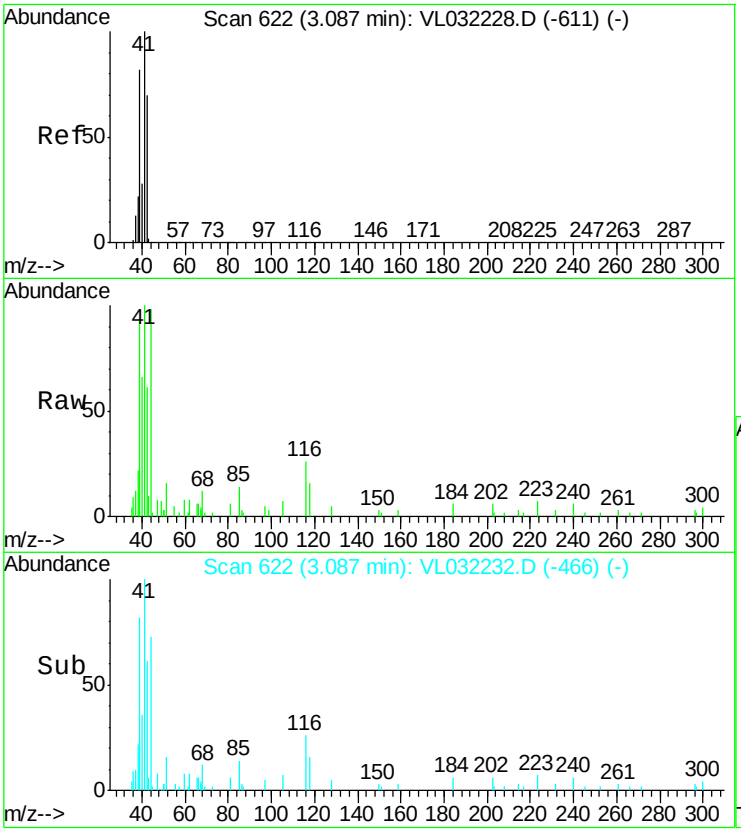


#8
Dichlorotetrafluoroethane
Concen: 0.126 ppbv
RT: 3.27 min Scan# 679
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 85 Resp: 35595

Ion	Ratio	Lower	Upper
85	100		
135	57.7	48.6	72.8



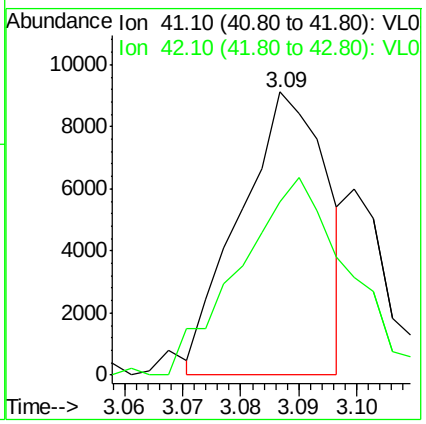


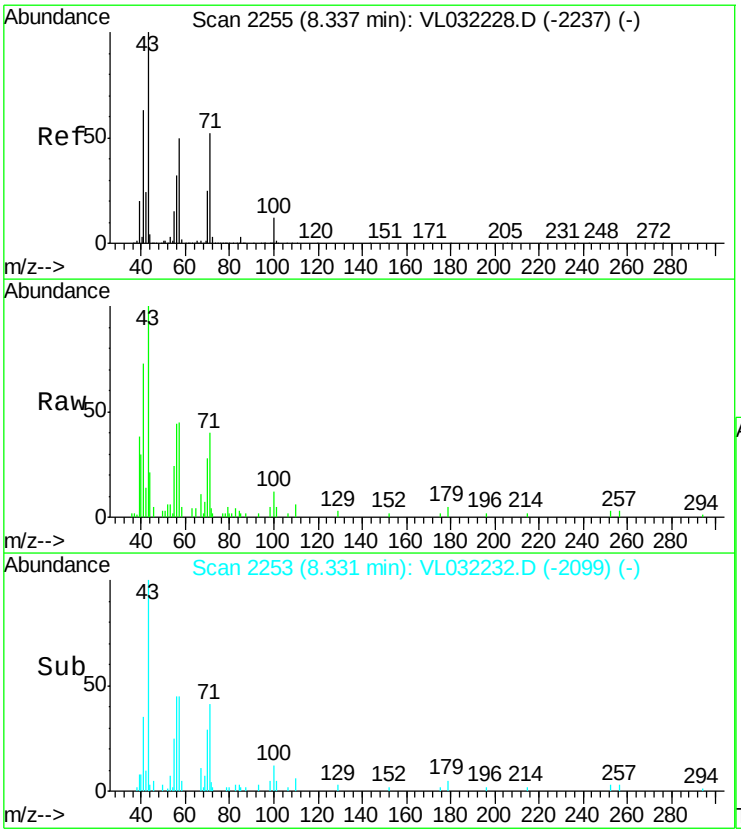
#9
Propene
Concen: 0.088 ppbv
RT: 3.09 min Scan# 622
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 9474

Ion	Ratio	Lower	Upper
41	100		
42	100.1	56.2	84.4#

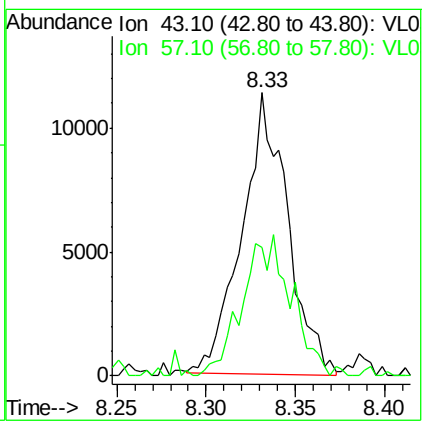


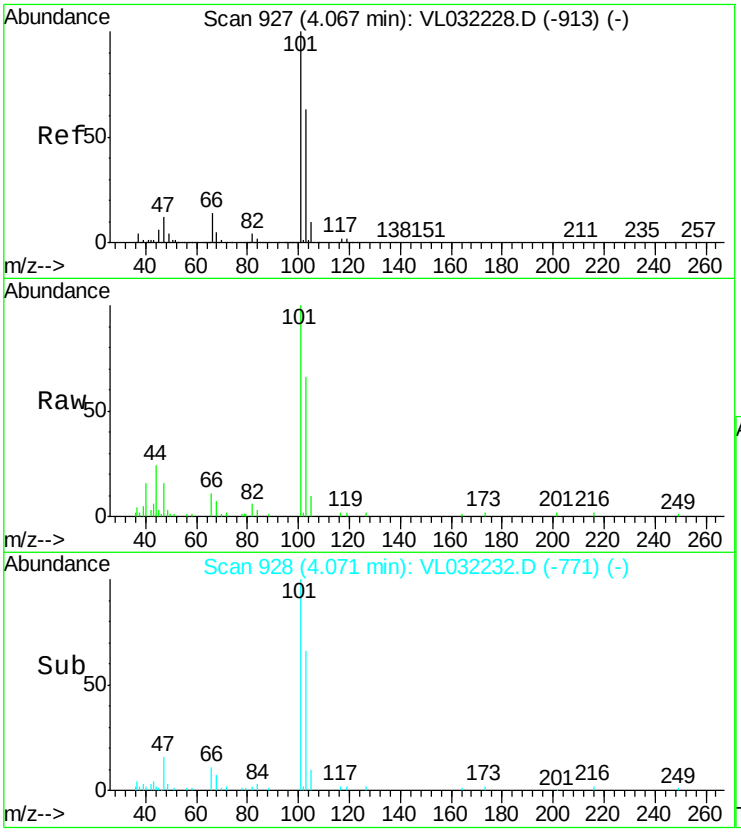


#10
Heptane
Concen: 0.066 ppbv
RT: 8.33 min Scan# 2253
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 43 Resp: 20377

Ion	Ratio	Lower	Upper
43	100		
57	53.8	40.7	61.1



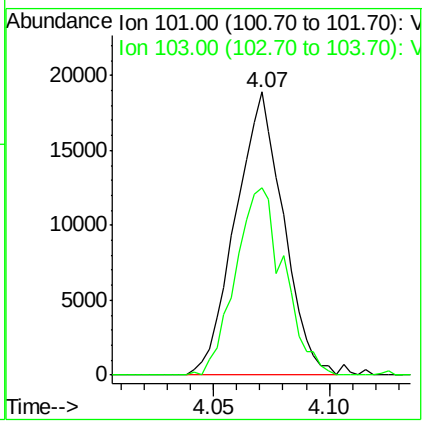


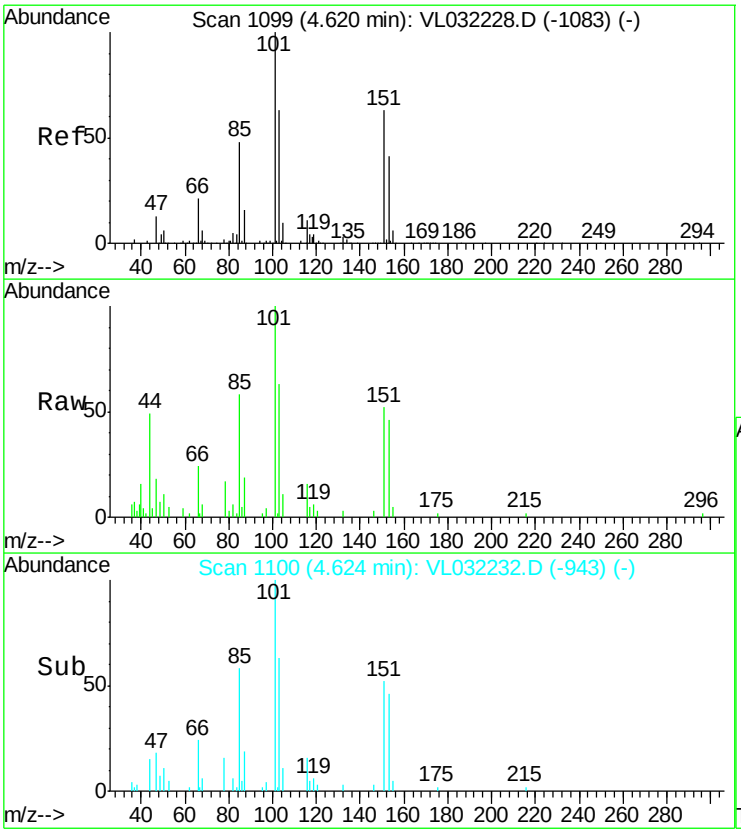
#11
Trichlorofluoromethane
Concen: 0.102 ppbv
RT: 4.07 min Scan# 928
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 27064

Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.2	75.2

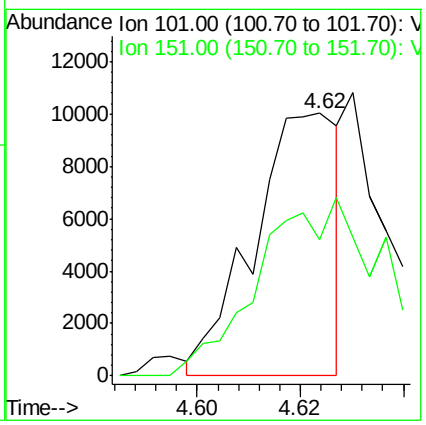


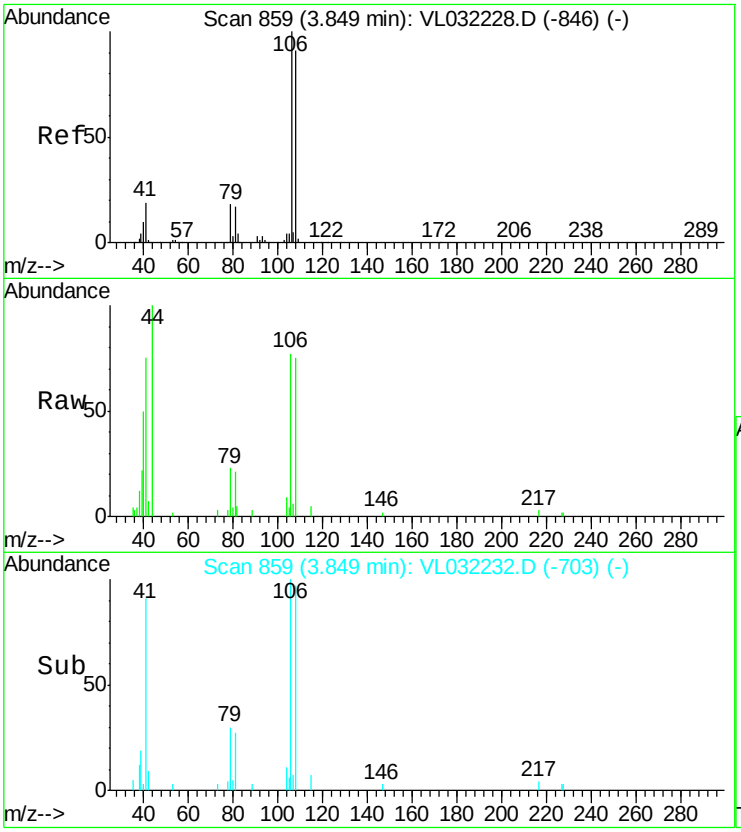


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.065 ppbv
RT: 4.62 min Scan# 1100
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:101 Resp: 11436

Ion	Ratio	Lower	Upper
101	100		
151	0.0	52.2	78.2#



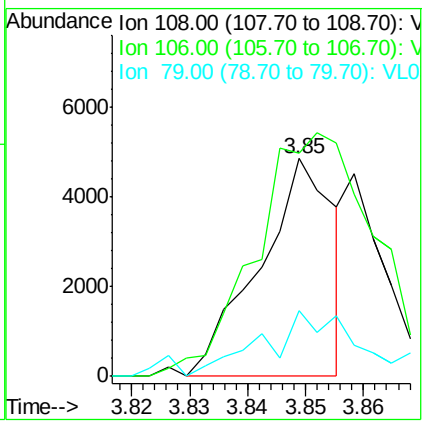


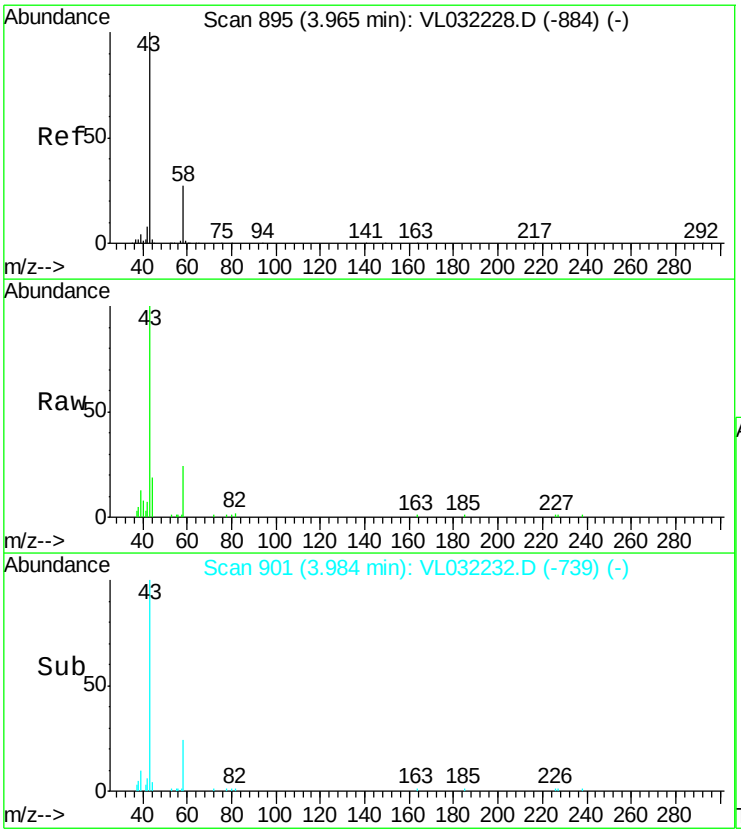
#14
Bromoethene
Concen: 0.052 ppbv
RT: 3.85 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 4319

Ion	Ratio	Lower	Upper
108	100		
106	196.5	85.5	128.3#
79	42.6	14.2	21.4#

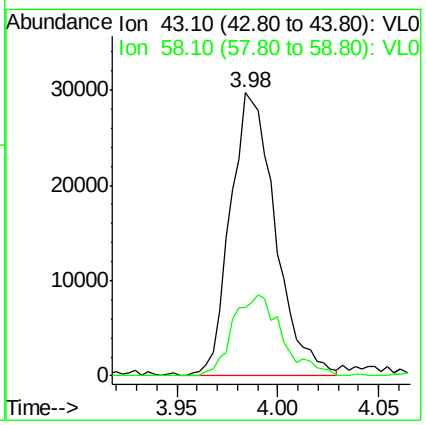


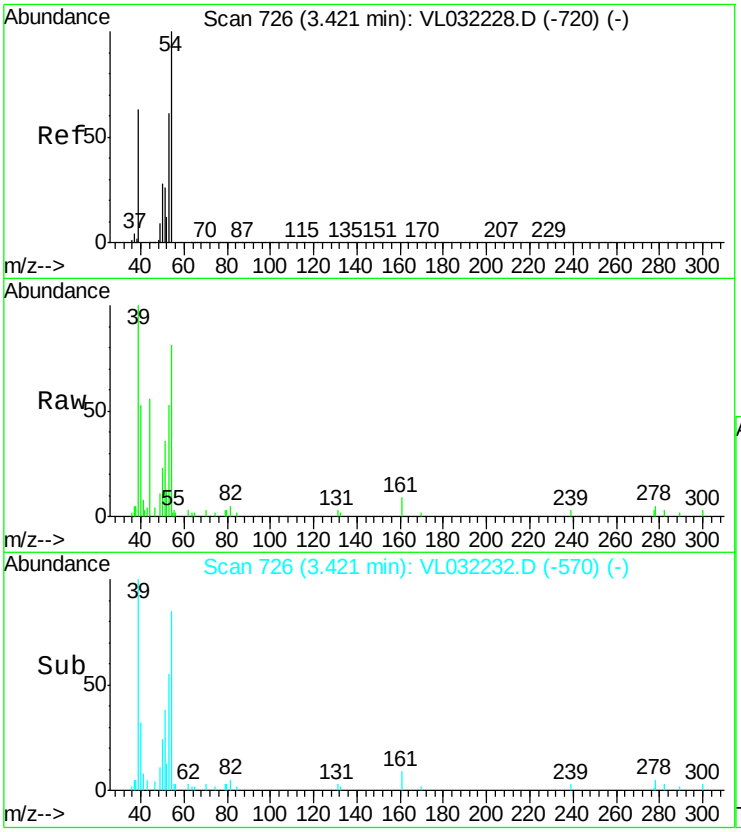


#15
Acetone
Concen: 0.214 ppbv
RT: 3.98 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 43 Resp: 46606

Ion	Ratio	Lower	Upper
43	100		
58	31.3	21.5	32.3



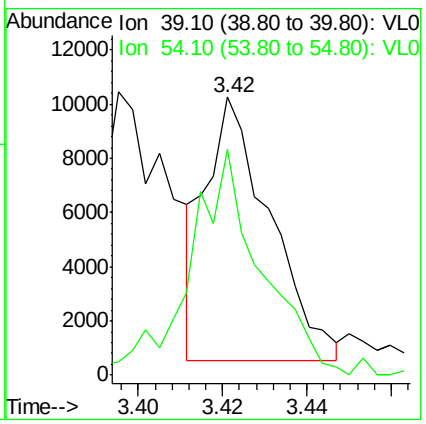


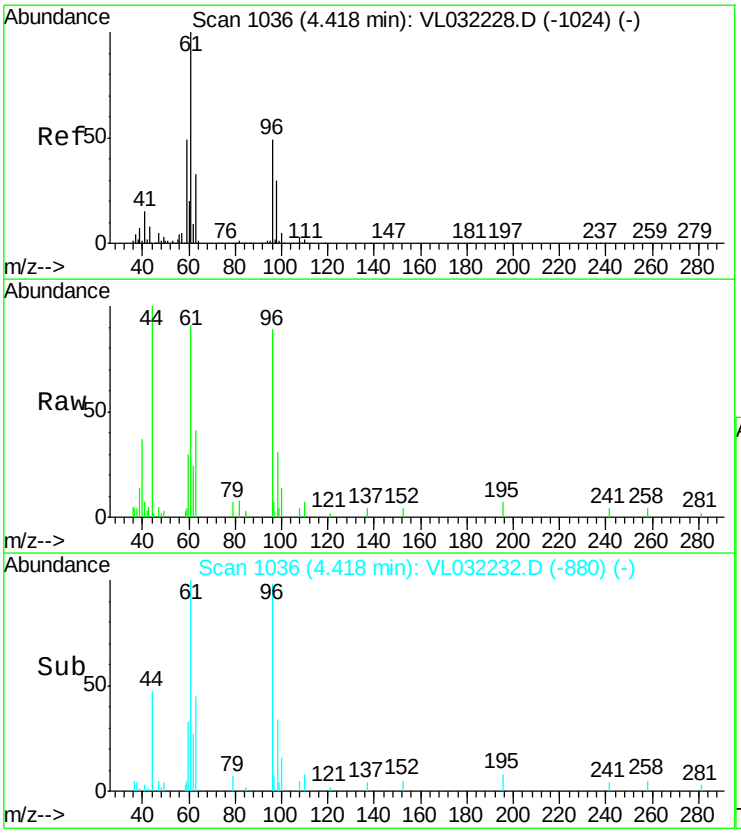
#16
1,3-Butadiene
Concen: 0.095 ppbv
RT: 3.42 min Scan# 726
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 10258

Ion	Ratio	Lower	Upper
39	100		
54	97.8	70.0	105.0

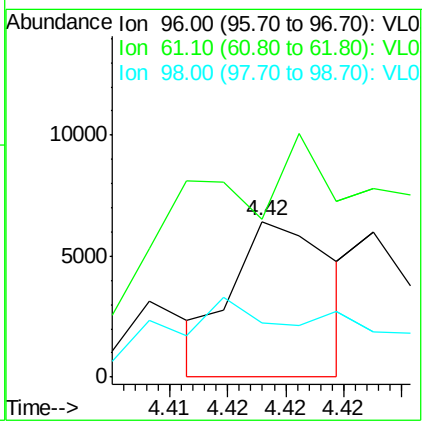


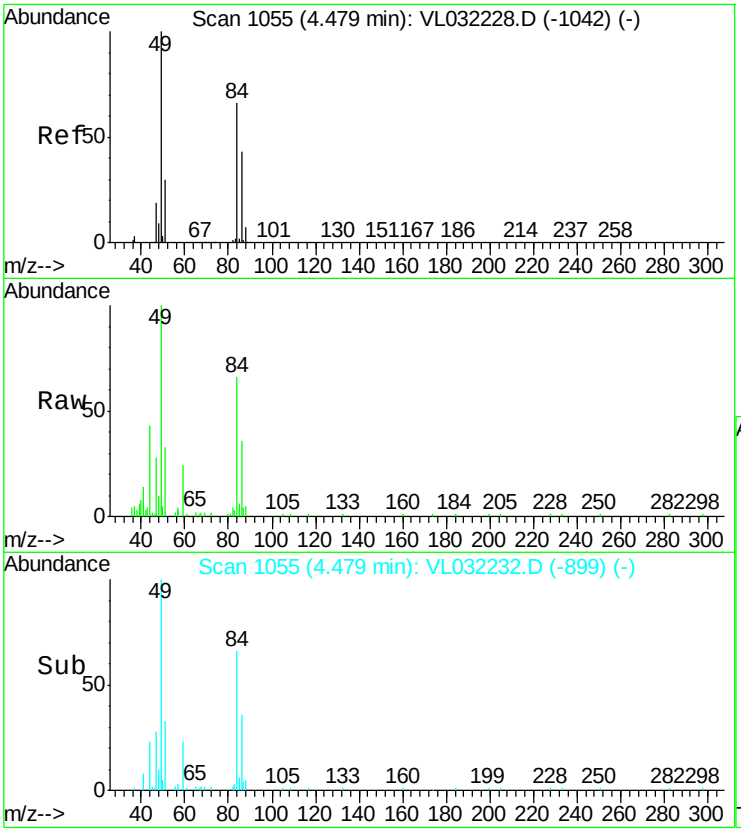


#18
1,1-Dichloroethene
Concen: 0.046 ppbv
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 96 Resp: 3827

Ion	Ratio	Lower	Upper
96	100		
61	0.0	163.0	244.4#
98	19.5	48.5	72.7#



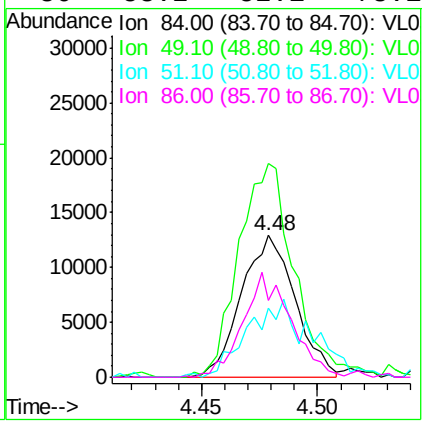


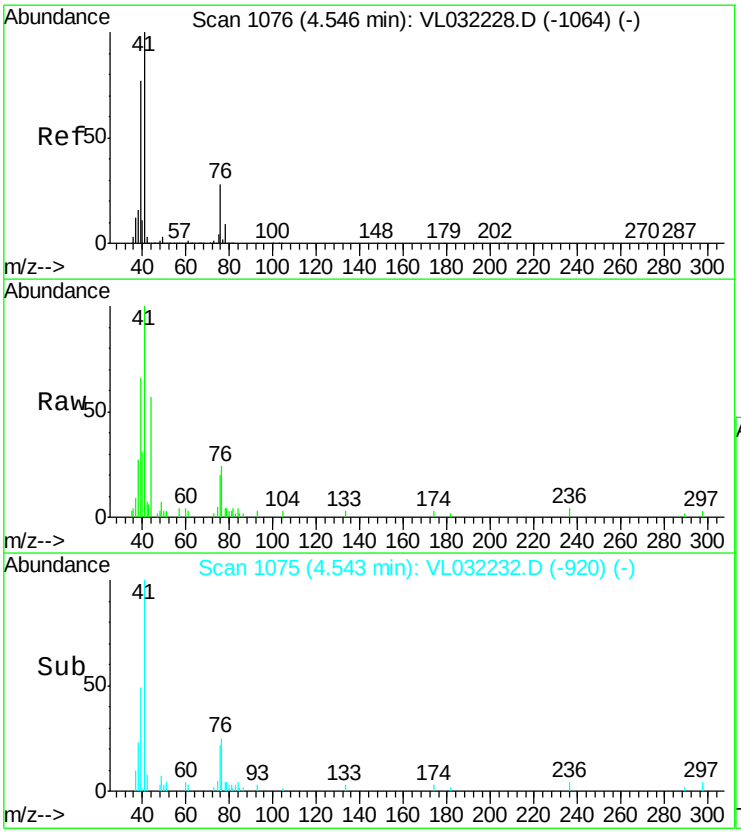
#20
Methylene Chloride
Concen: 0.263 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 84 Resp: 20754

Ion	Ratio	Lower	Upper
84	100		
49	150.8	121.8	182.6
51	47.1	36.3	54.5
86	53.2	52.1	78.1

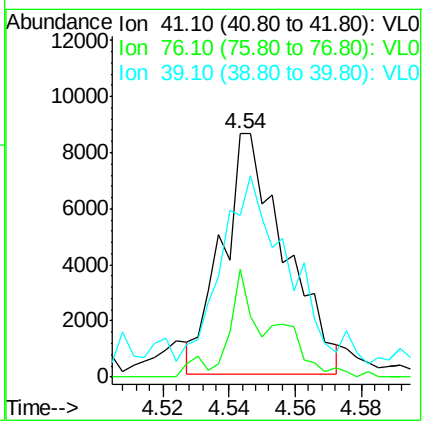


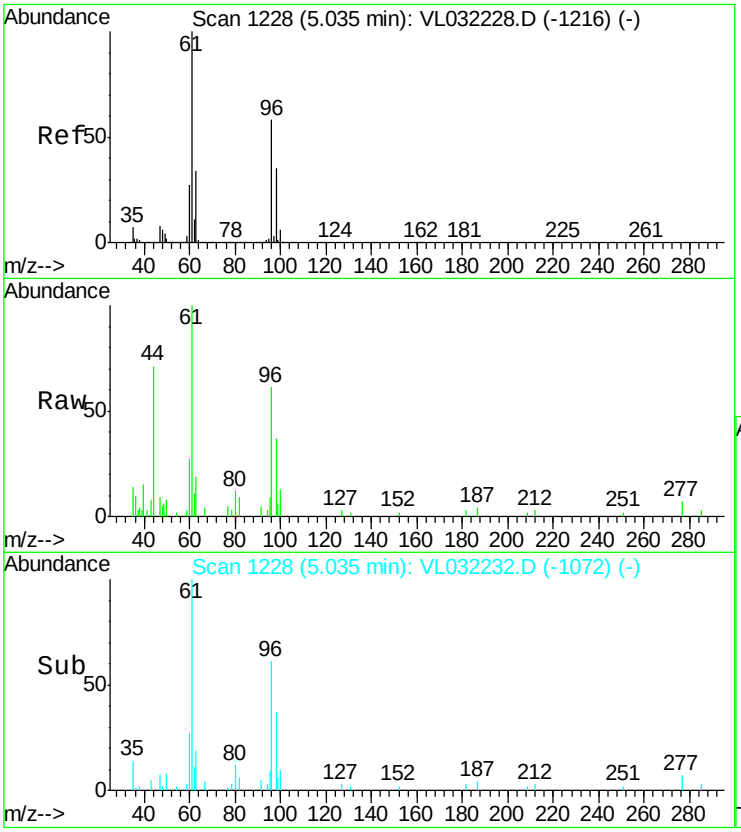


#21
Allyl Chloride
Concen: 0.078 ppbv
RT: 4.54 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 41 Resp: 11349

Ion	Ratio	Lower	Upper
41	100		
76	31.6	22.9	34.3
39	104.9	62.3	93.5#



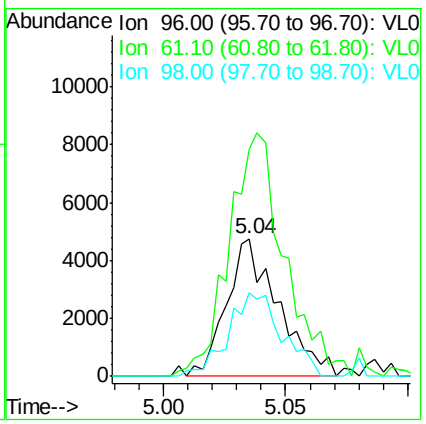


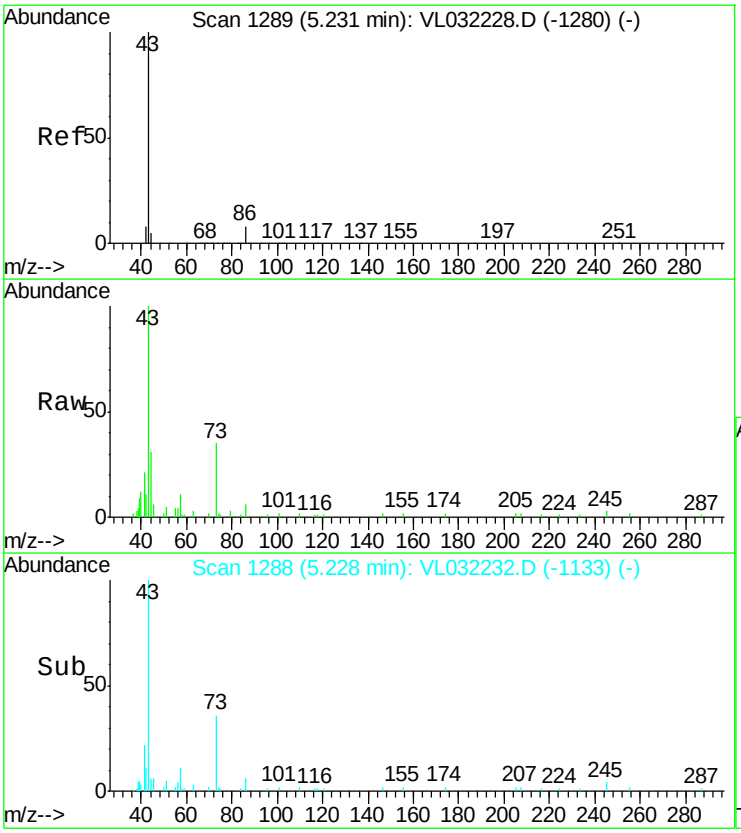
#22
trans-1,2-Dichloroethene
Concen: 0.080 ppbv
RT: 5.04 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 6981

Ion	Ratio	Lower	Upper
96	100		
61	159.7	139.1	208.7
98	61.1	48.4	72.6

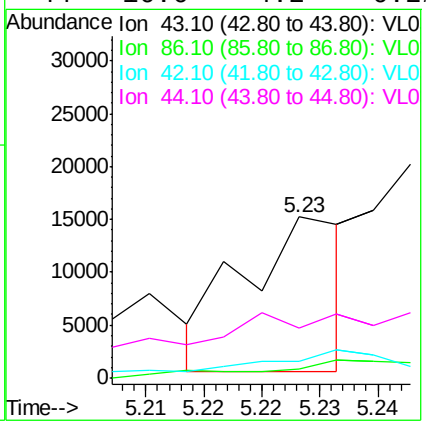


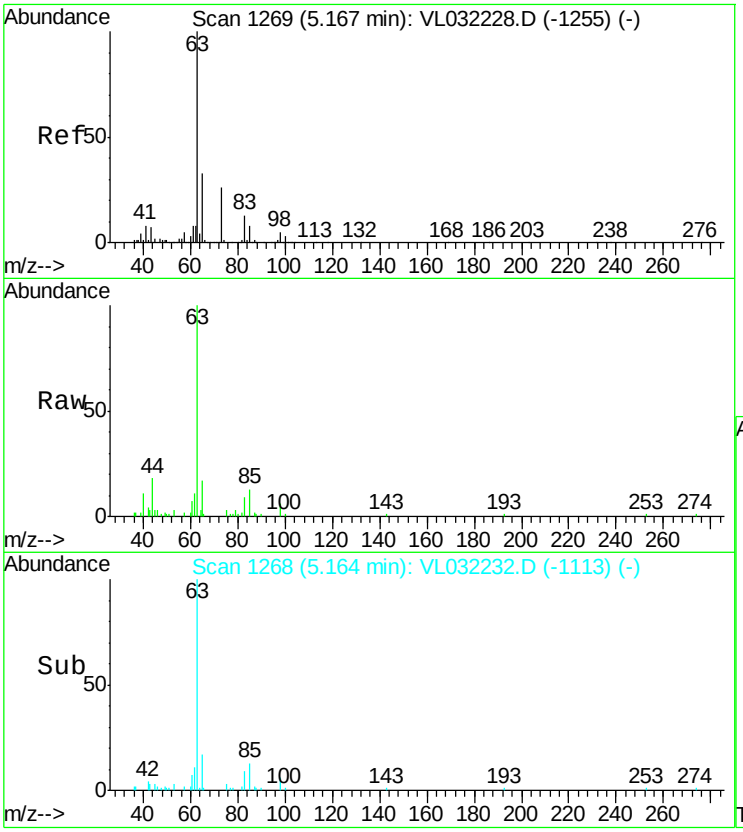


#23
Vinyl Acetate
Concen: 0.023 ppbv
RT: 5.23 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 43 Resp: 9000

Ion	Ratio	Lower	Upper
43	100		
86	1.8	5.9	8.9#
42	10.1	7.0	10.6
44	16.6	4.2	6.2#



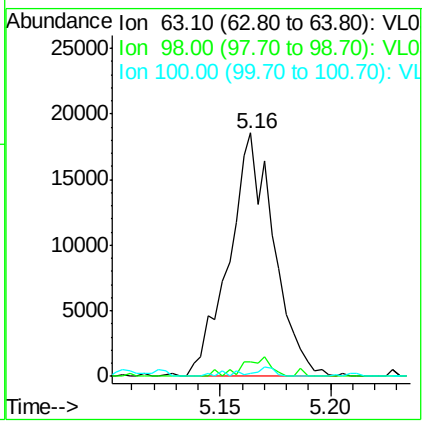


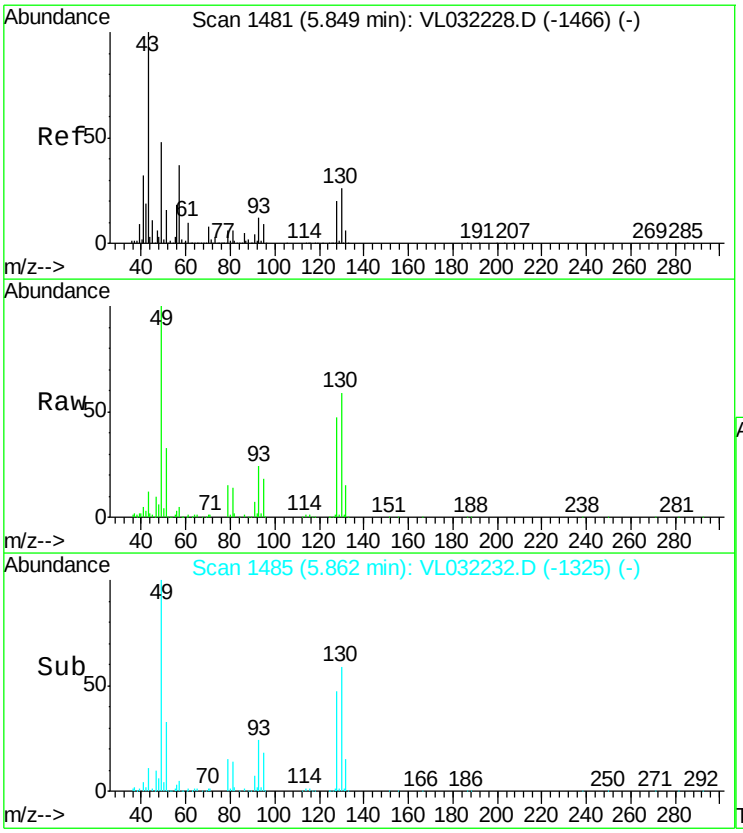
#24
1,1-Dichloroethane
Concen: 0.102 ppbv
RT: 5.16 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 26109

Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.4	7.1
100	0.6	1.5	4.4#

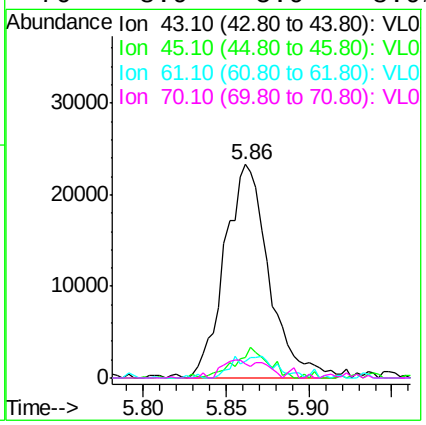


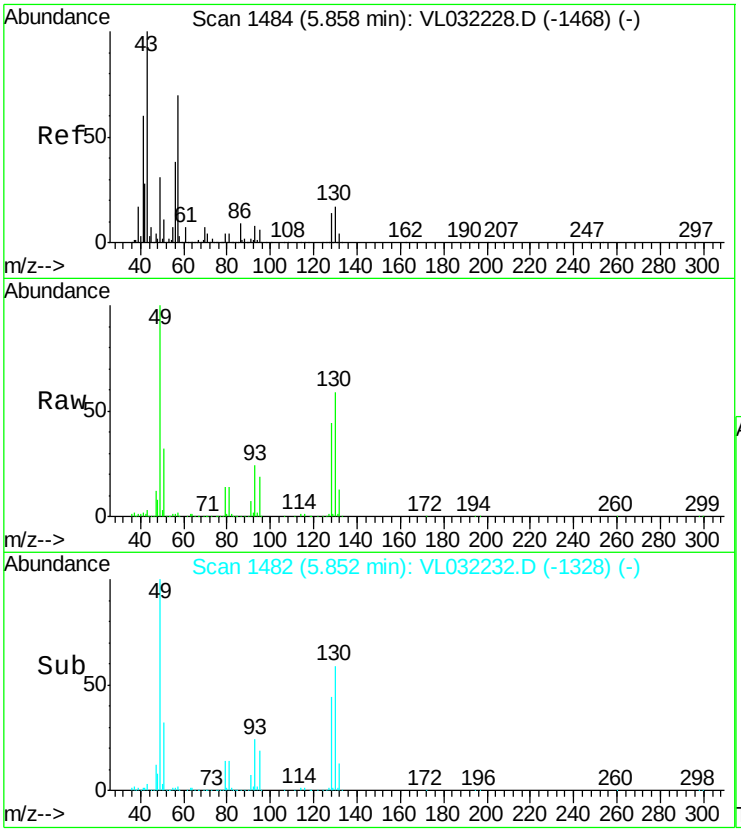


#25
Ethyl Acetate
Concen: 0.095 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. 0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 43 Resp: 43087

Ion	Ratio	Lower	Upper
43	100		
45	11.6	8.0	12.0
61	10.4	7.7	11.5
70	8.9	5.9	8.9#



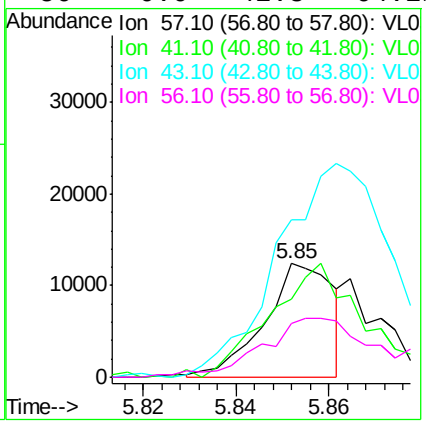


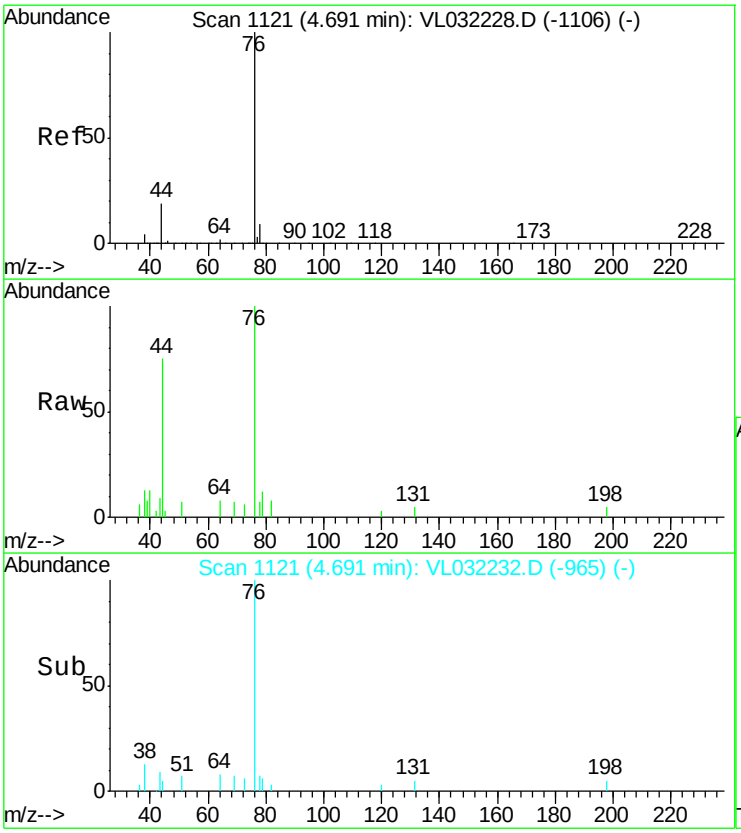
#26
Hexane
Concen: 0.061 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 12766

Ion	Ratio	Lower	Upper
57	100		
41	0.0	68.7	103.1#
43	0.0	176.2	264.2#
56	0.0	42.8	64.2#

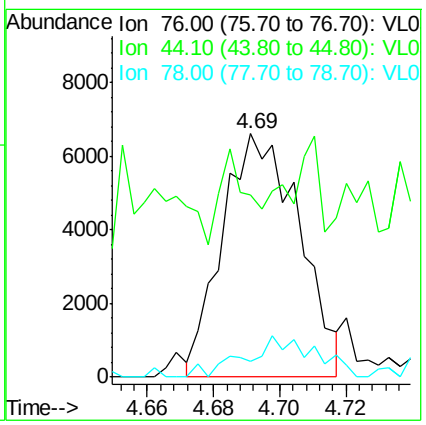


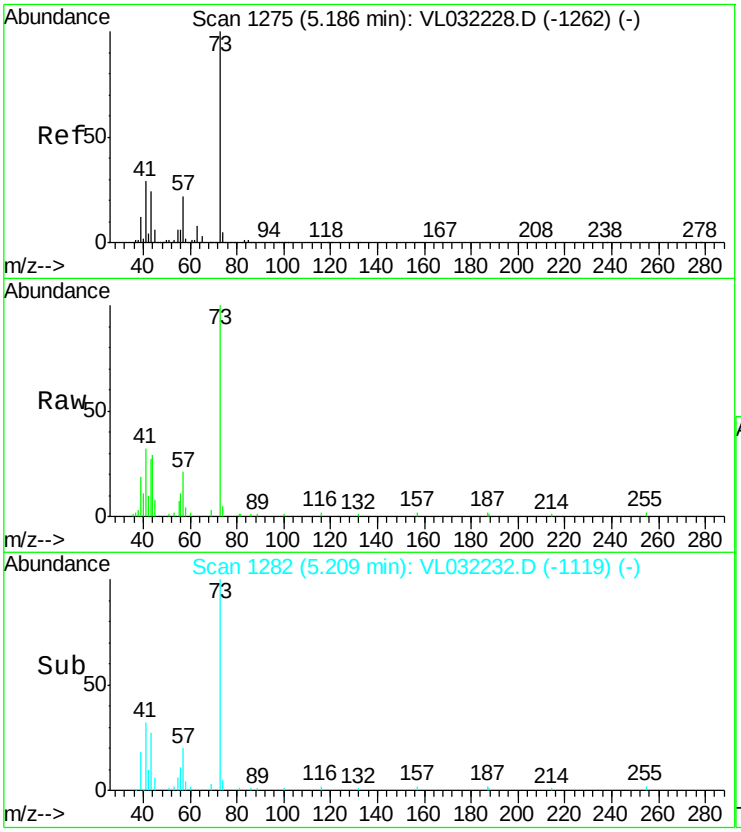


#27
Carbon Disulfide
Concen: 0.053 ppbv
RT: 4.69 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 76 Resp: 10669

Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.1	22.7#
78	18.3	7.4	11.0#



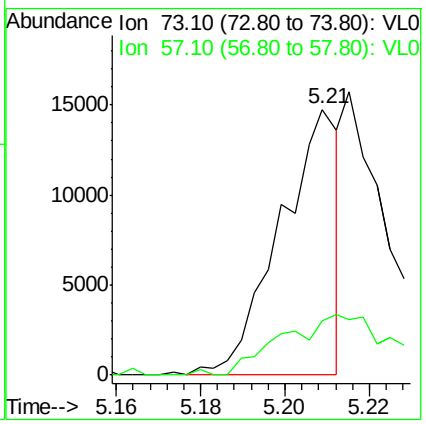


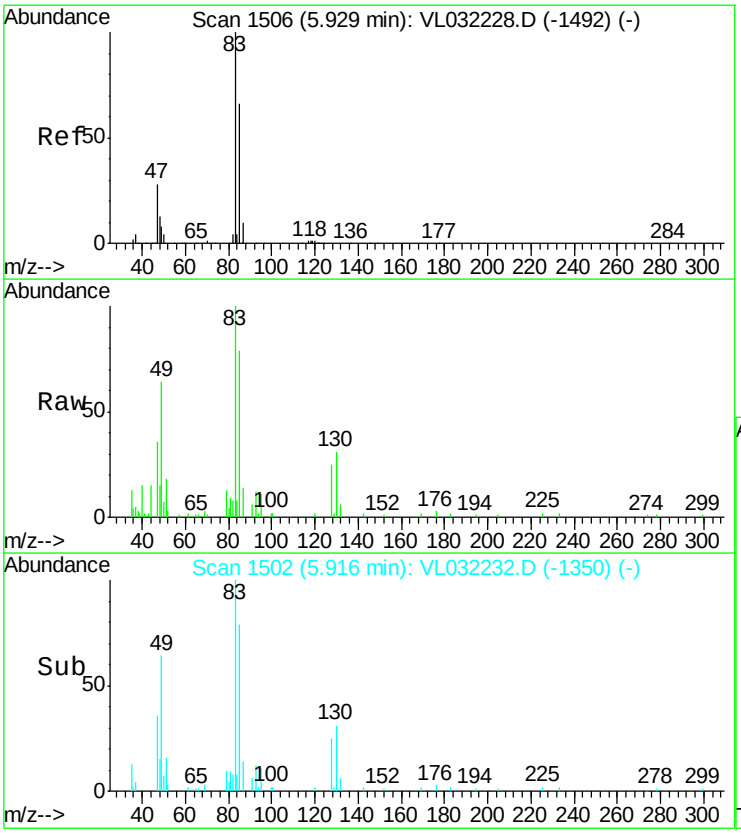
#28
Methyl tert-Butyl Ether
Concen: 0.039 ppbv
RT: 5.21 min Scan# 1282
Delta R.T. 0.02 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 73 Resp: 14188

Ion	Ratio	Lower	Upper
73	100		
57	1.6	18.6	27.8#

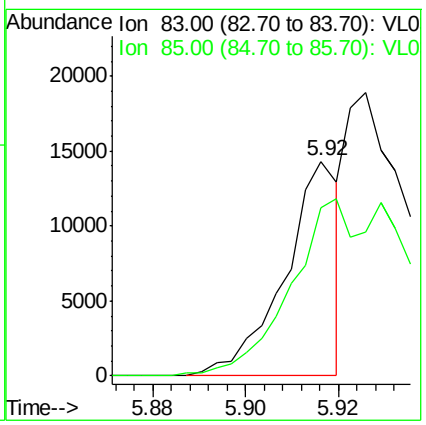


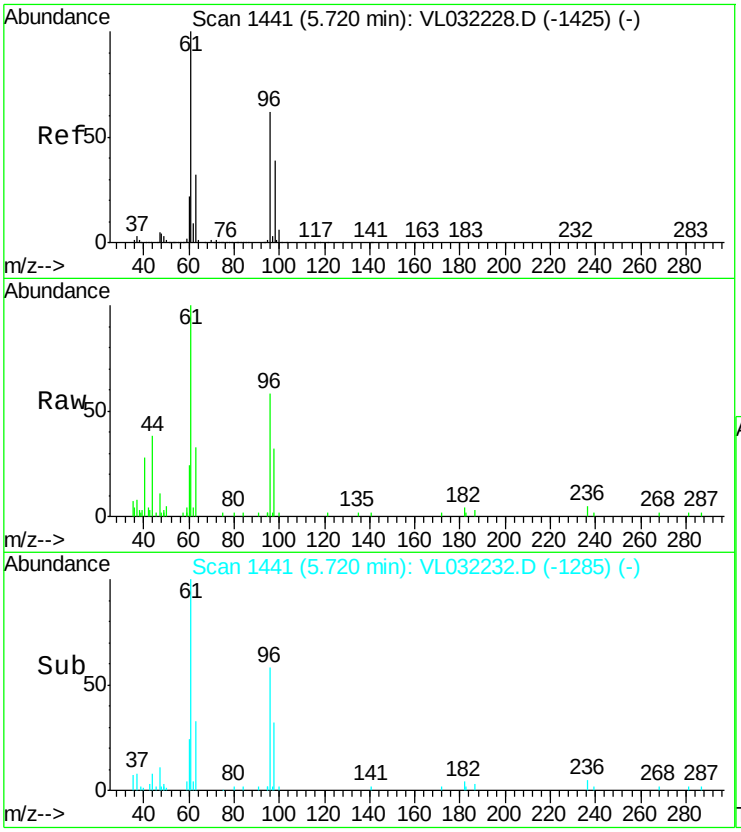


#29
Chloroform
Concen: 0.038 ppbv
RT: 5.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 83 Resp: 11611

Ion	Ratio	Lower	Upper
83	100		
85	77.2	52.7	79.1



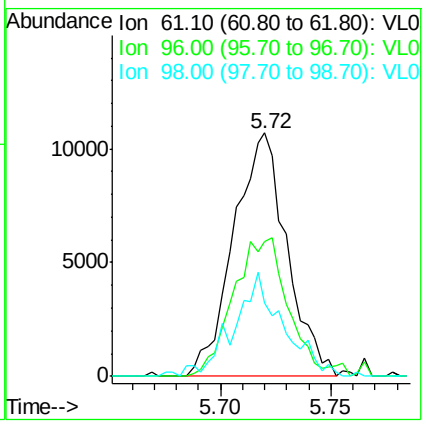


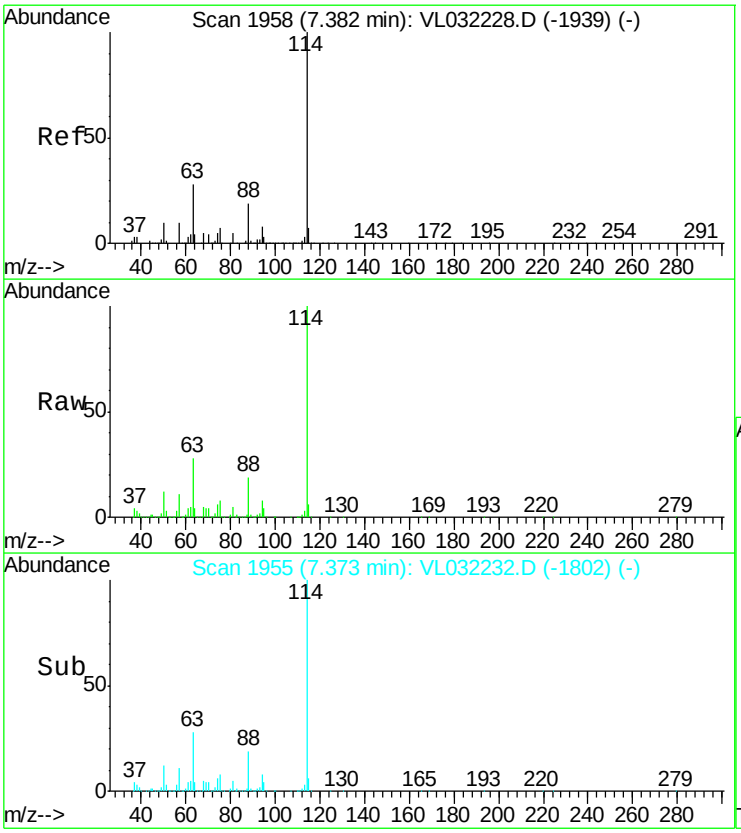
#31
cis-1,2-Dichloroethene
Concen: 0.086 ppbv
RT: 5.72 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 17966

Ion	Ratio	Lower	Upper
61	100		
96	55.4	49.8	74.8
98	28.6	31.4	47.2#

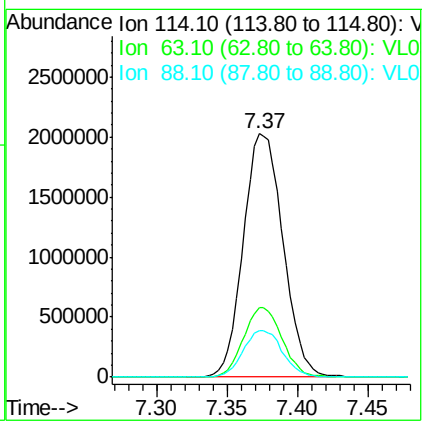


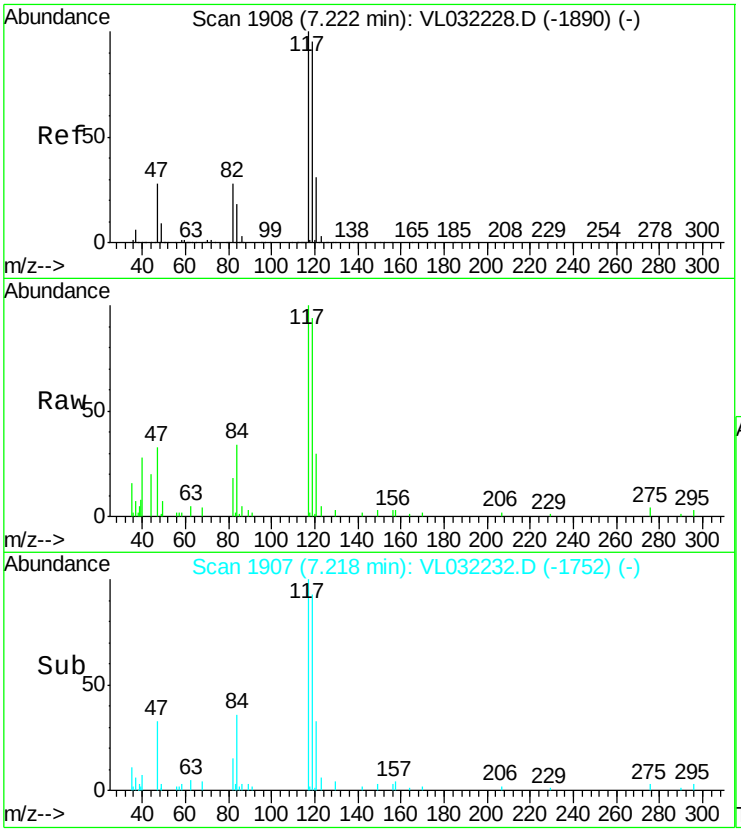


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:114 Resp: 3992770

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.5	33.7
88	19.2	15.4	23.0



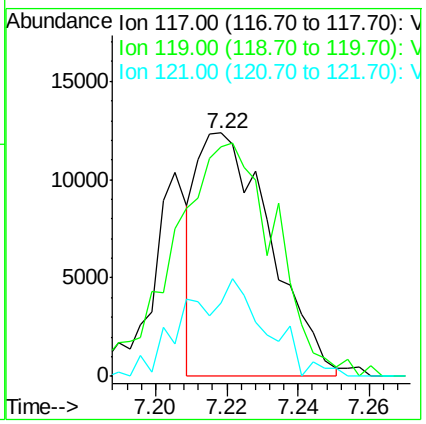


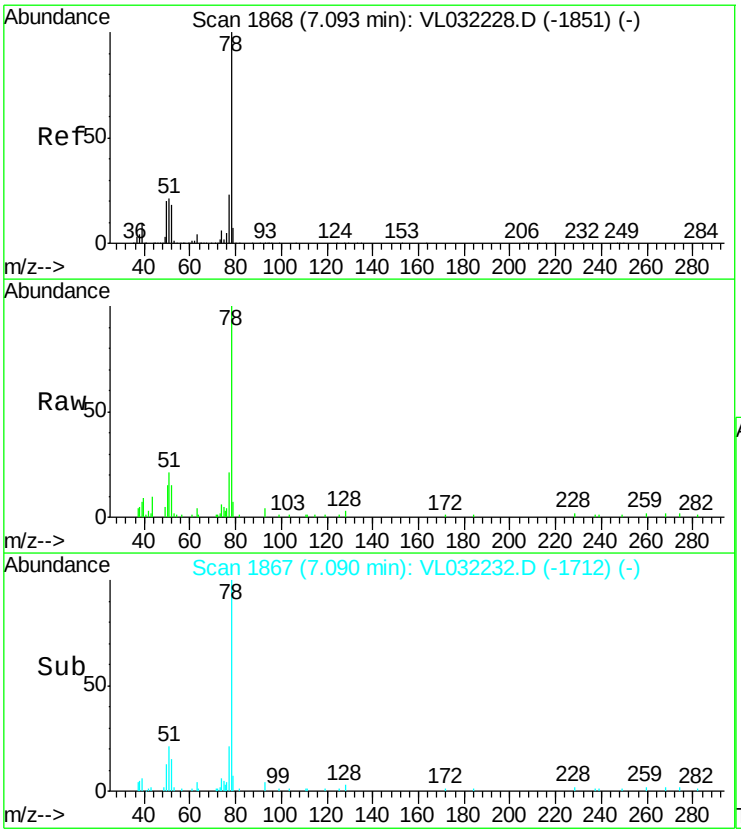
#35
Carbon Tetrachloride
Concen: 0.064 ppbv
RT: 7.22 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 17637

Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.7	113.5
121	27.7	24.6	37.0

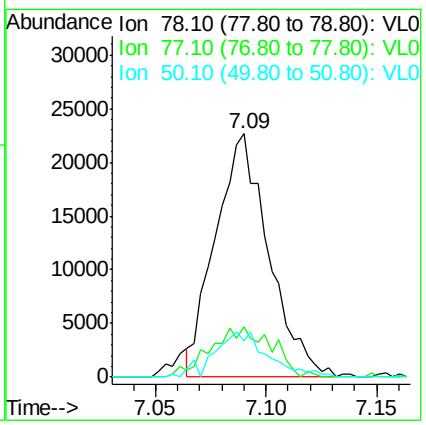


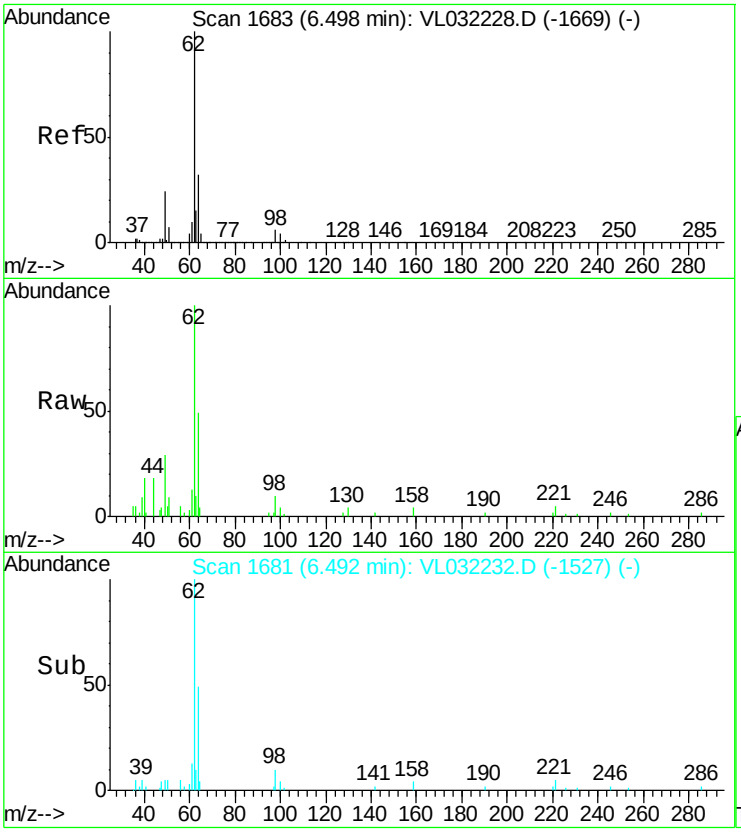


#36
Benzene
Concen: 0.097 ppbv
RT: 7.09 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 78 Resp: 37941

Ion	Ratio	Lower	Upper
78	100		
77	20.7	18.0	27.0
50	15.1	15.8	23.8#



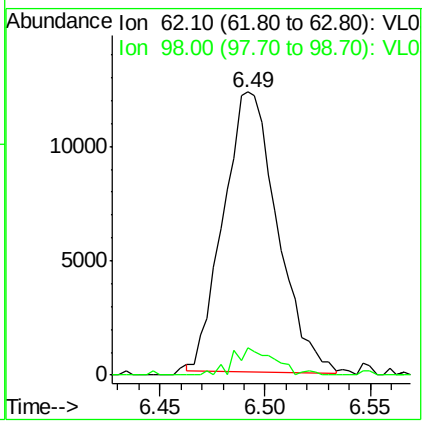


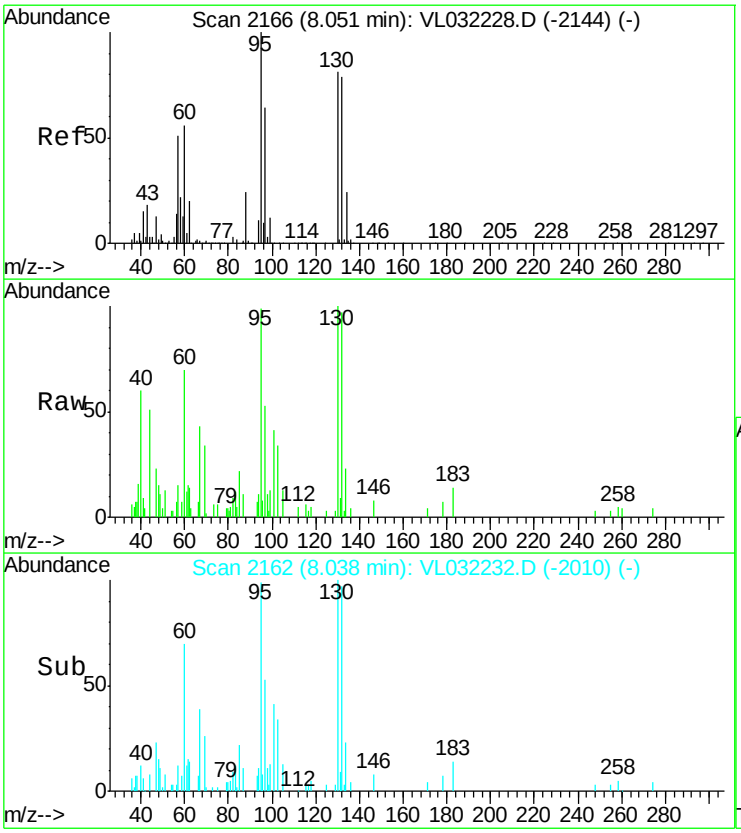
#37
1,2-Dichloroethane
Concen: 0.111 ppbv
RT: 6.49 min Scan# 1681
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 21737

Ion	Ratio	Lower	Upper
62	100		
98	7.5	4.6	7.0#

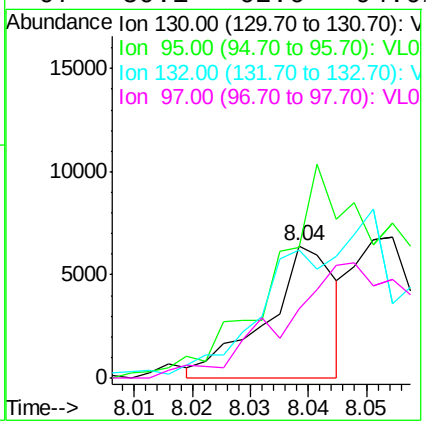


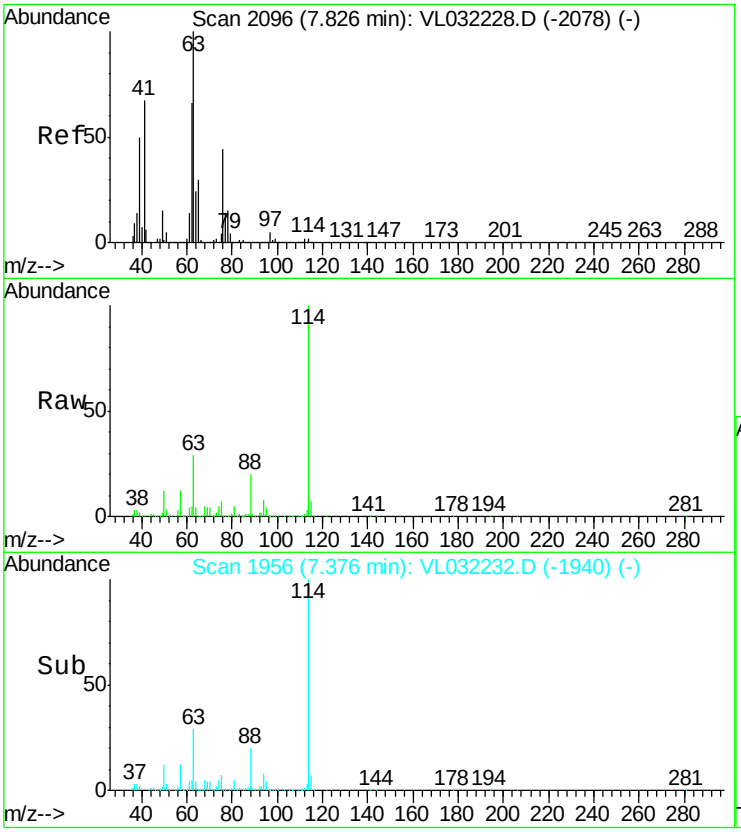


#38
Trichloroethene
Concen: 0.035 ppbv
RT: 8.04 min Scan# 2162
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:130 Resp: 5226

Ion	Ratio	Lower	Upper
130	100		
95	89.8	98.3	147.5#
132	94.6	78.1	117.1
97	59.1	62.6	94.0#



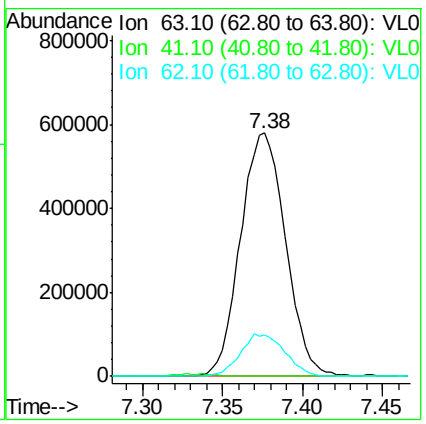


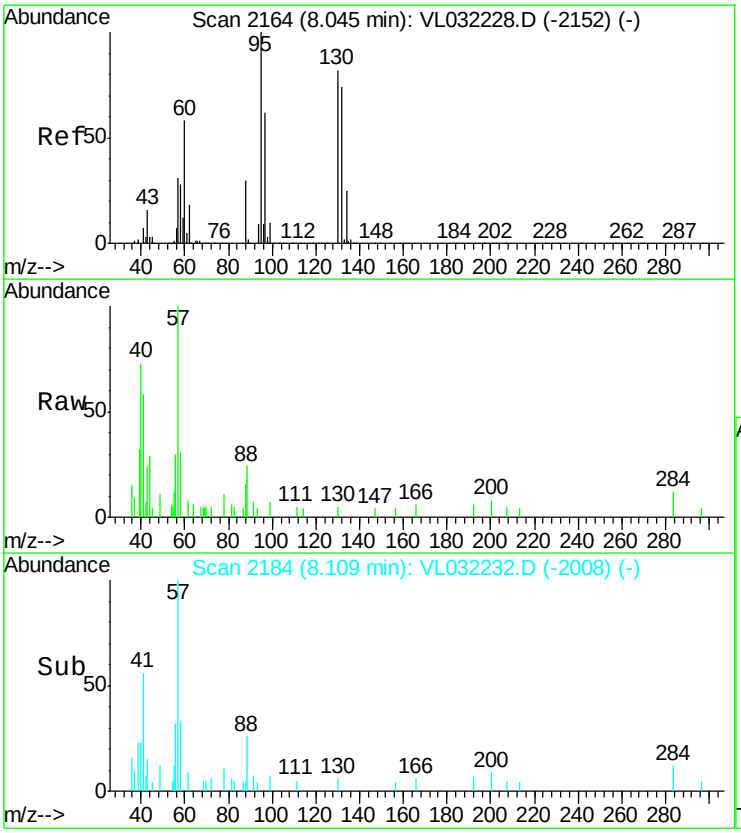
#39
1,2-Dichloropropane
Concen: 7.235 ppbv
RT: 7.38 min Scan# 1956
Delta R.T. -0.45 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 1109670

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.8	80.6#
62	17.1	53.1	79.7#

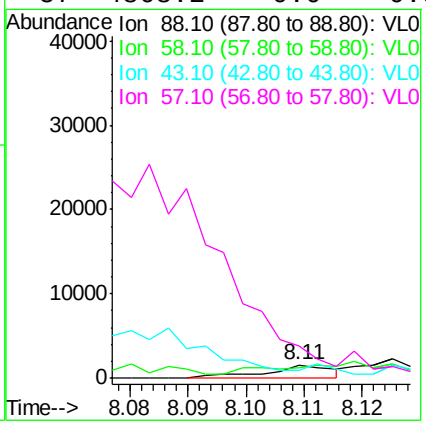


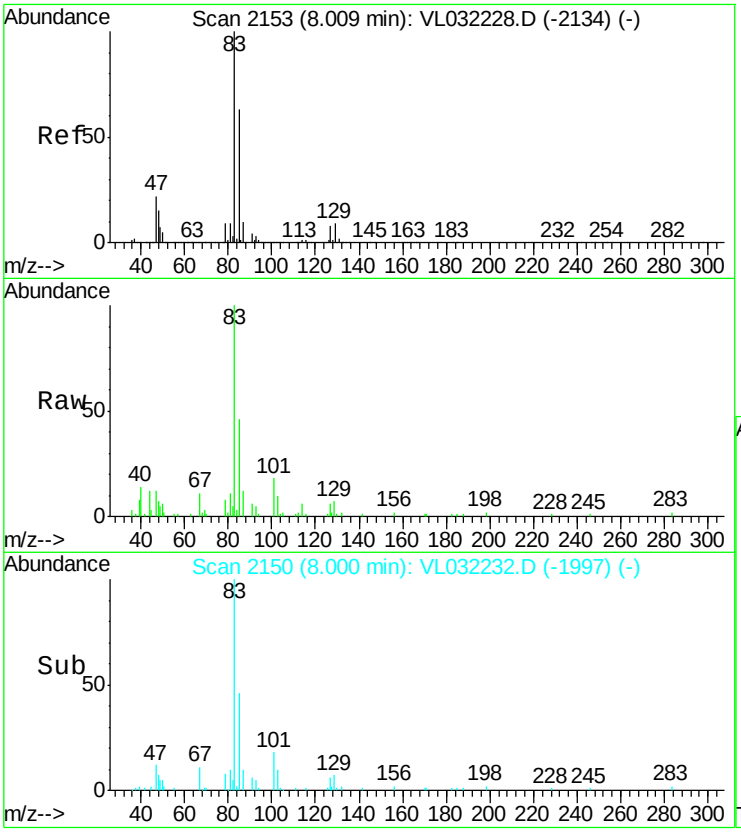


#40
1,4-Dioxane
Concen: 0.020 ppbv
RT: 8.11 min Scan# 2184
Delta R.T. 0.06 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 88 Resp: 1177

Ion	Ratio	Lower	Upper
88	100		
58	246.2	117.4	176.2#
43	1111.9	0.0	0.0#
57	4868.2	0.0	0.0#



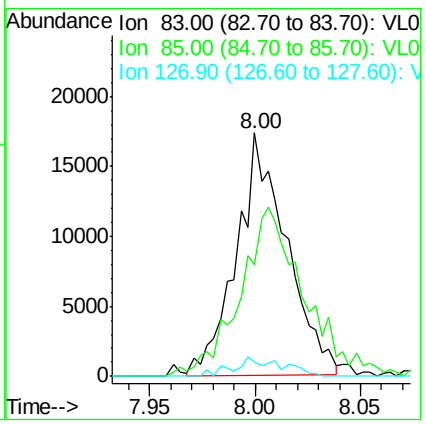


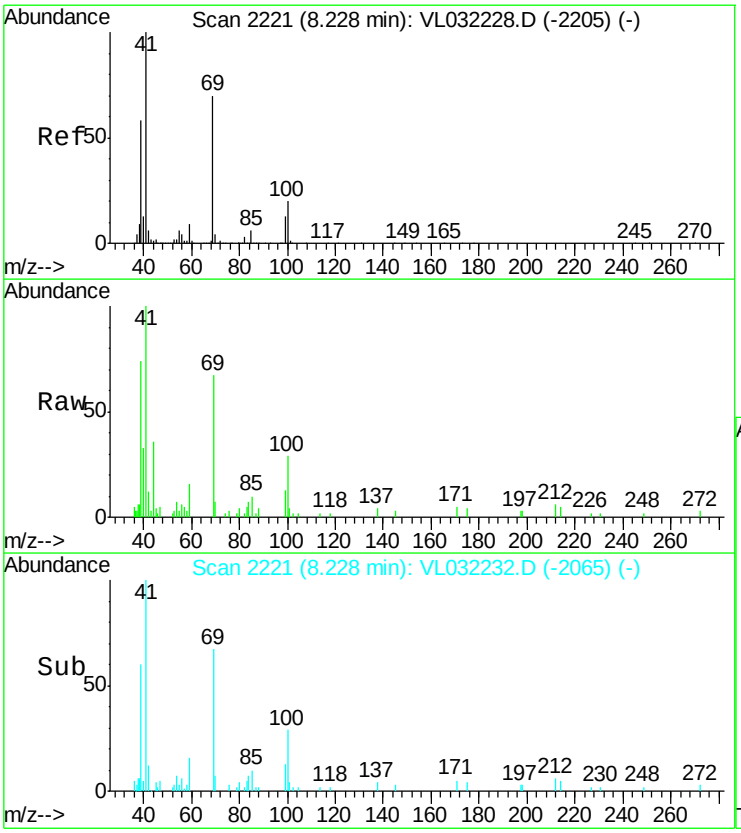
#42
Bromodichloromethane
Concen: 0.095 ppbv
RT: 8.00 min Scan# 2150
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 28522

Ion	Ratio	Lower	Upper
83	100		
85	44.1	50.6	76.0#
127	7.5	6.1	9.1

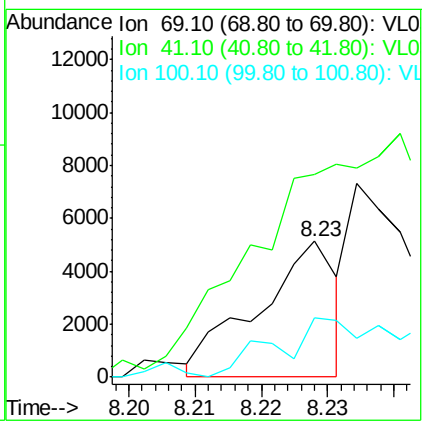


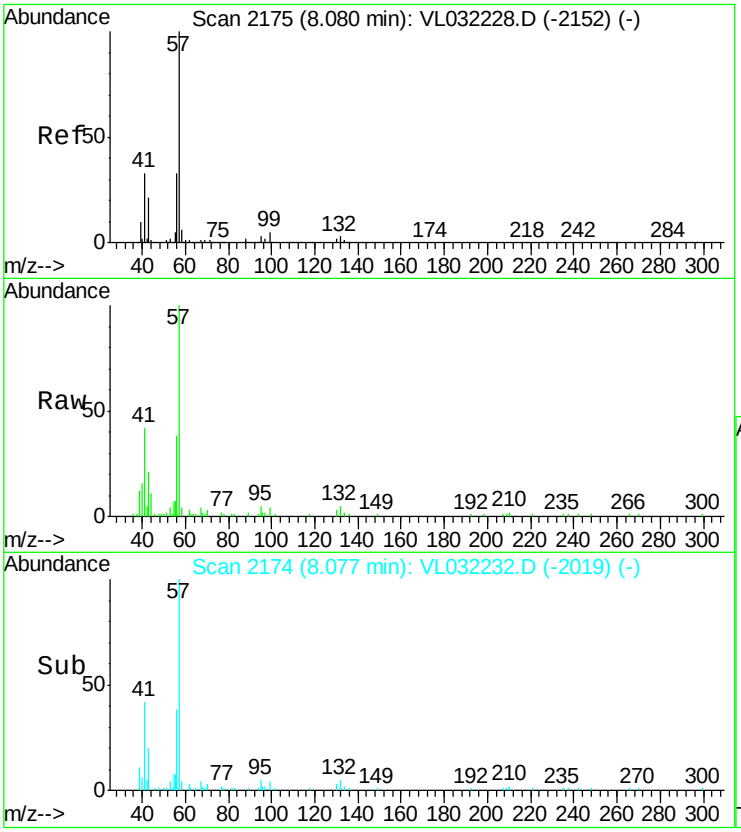


#43
Methyl Methacrylate
Concen: 0.027 ppbv
RT: 8.23 min Scan# 2221
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 69 Resp: 4231

Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.3	174.5#
100	101.4	23.8	35.8#



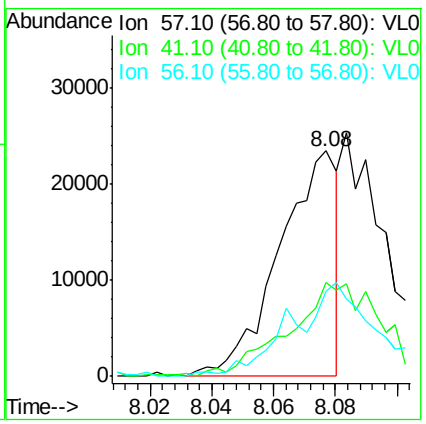


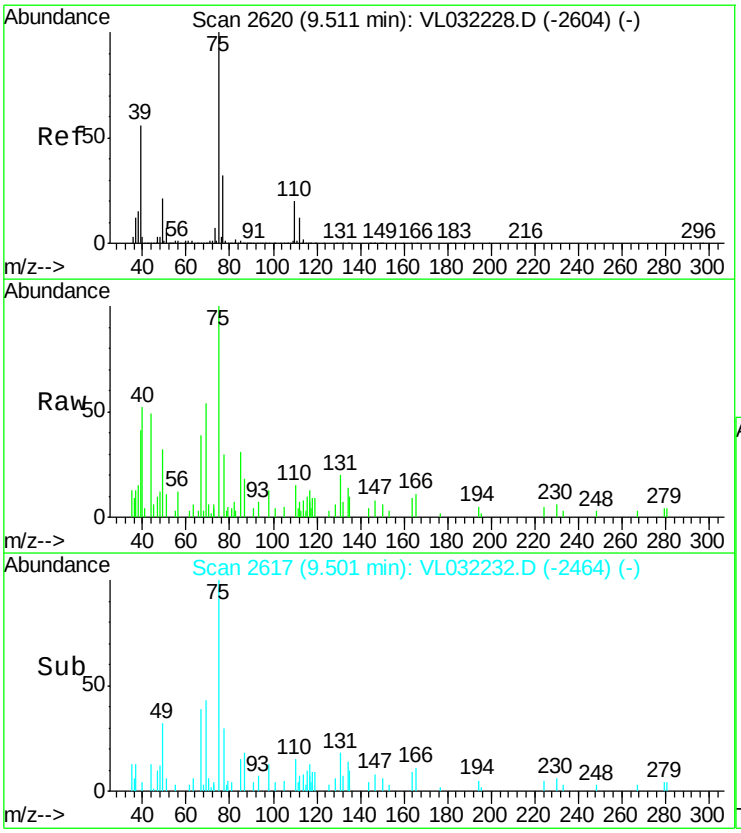
#44
2,2,4-Trimethylpentane
Concen: 0.045 ppbv
RT: 8.08 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 30400

Ion	Ratio	Lower	Upper
57	100		
41	71.7	24.7	37.1#
56	0.0	25.4	38.0#

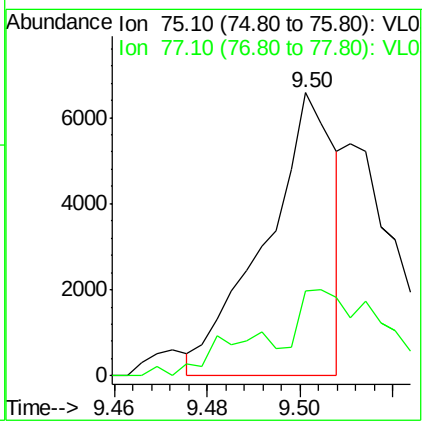


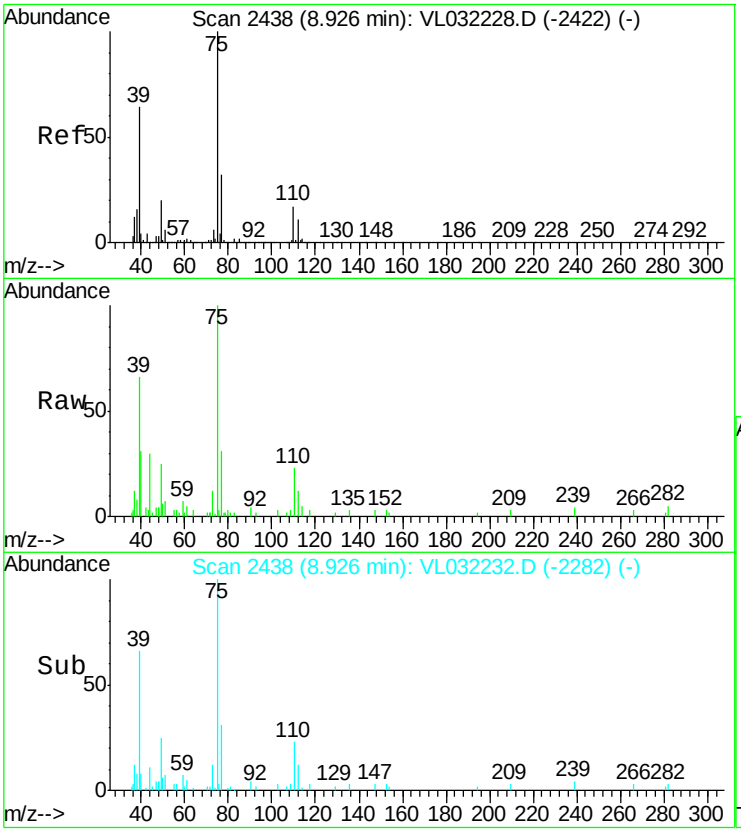


#45
t-1,3-Dichloropropene
Concen: 0.034 ppbv
RT: 9.50 min Scan# 2617
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 75 Resp: 6807

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.5	38.3



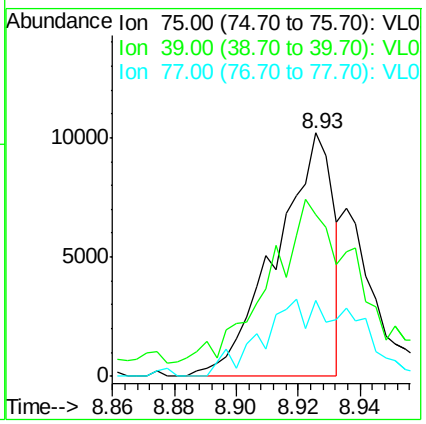


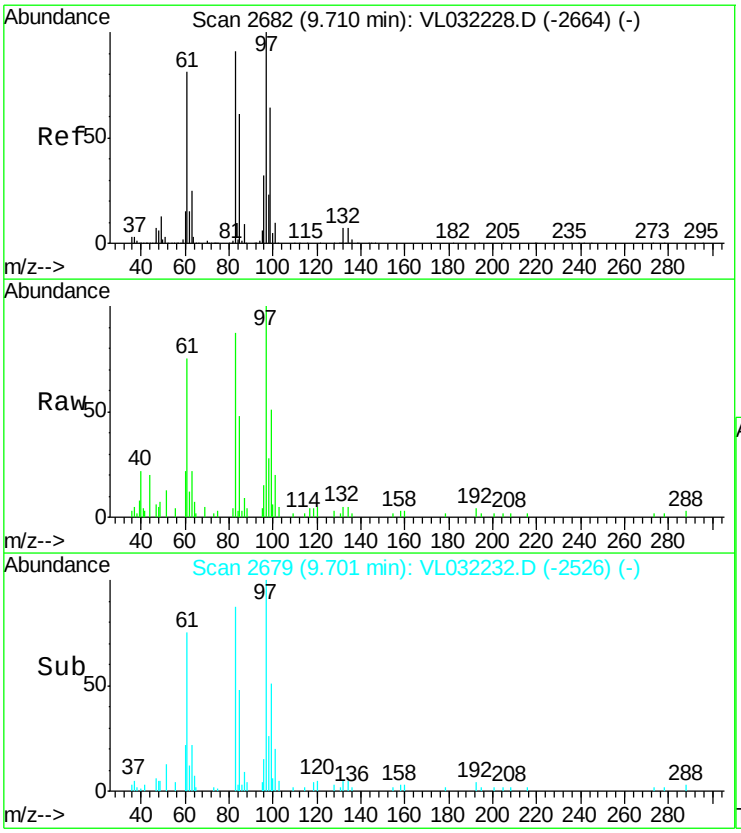
#46
cis-1,3-Dichloropropene
Concen: 0.055 ppbv
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 13060

Ion	Ratio	Lower	Upper
75	100		
39	59.0	50.9	76.3
77	31.0	25.3	37.9

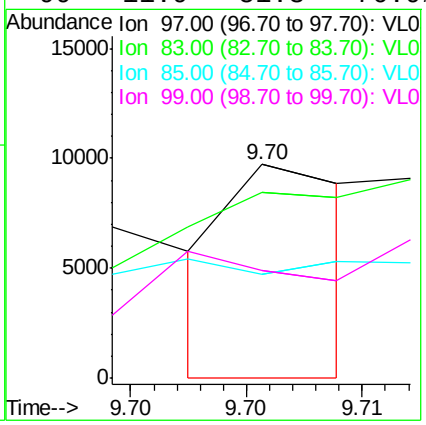


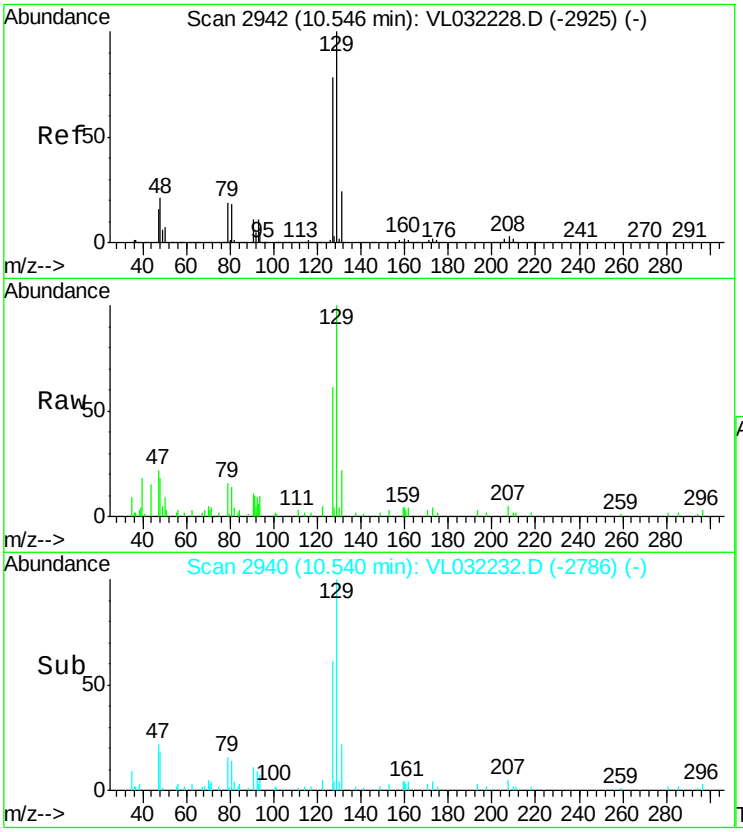


#47
1,1,2-Trichloroethane
Concen: 0.023 ppbv
RT: 9.70 min Scan# 2679
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 97 Resp: 3584

Ion	Ratio	Lower	Upper
97	100		
83	39.2	72.9	109.3#
85	0.0	49.3	73.9#
99	11.9	51.3	76.9#



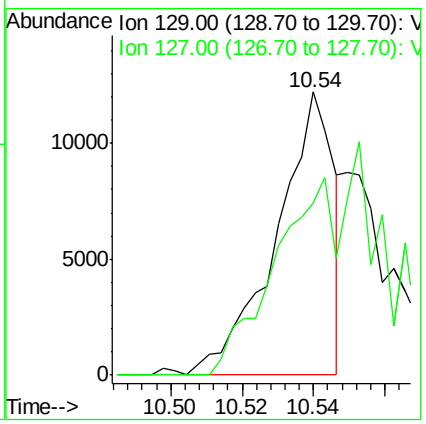


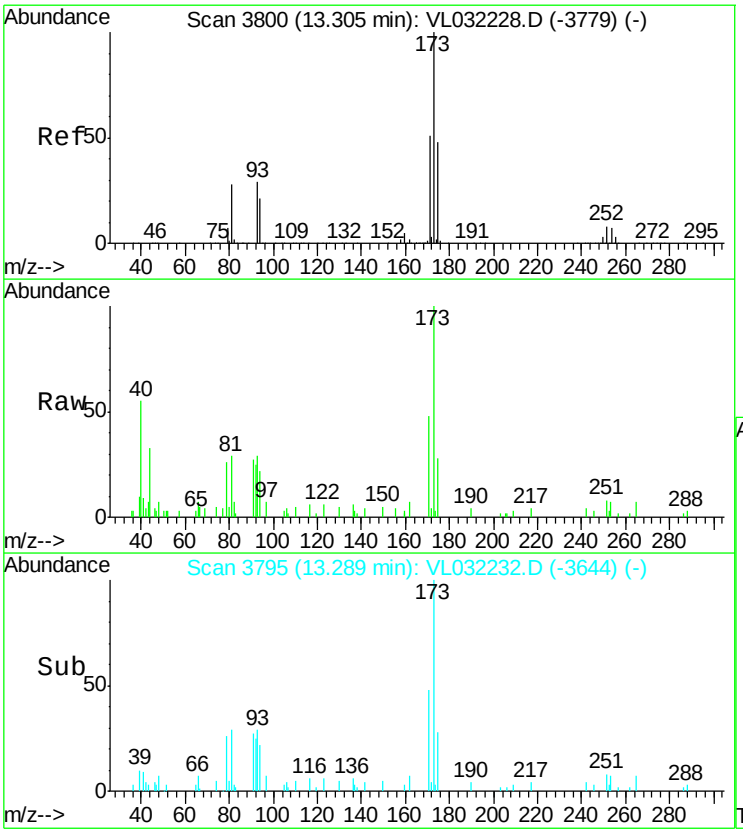
#48
Dibromochloromethane
Concen: 0.056 ppbv
RT: 10.54 min Scan# 2940
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 13570

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9#

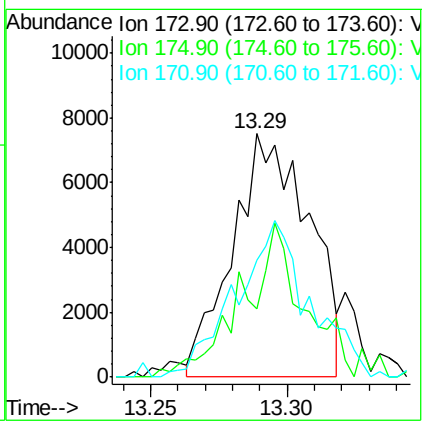


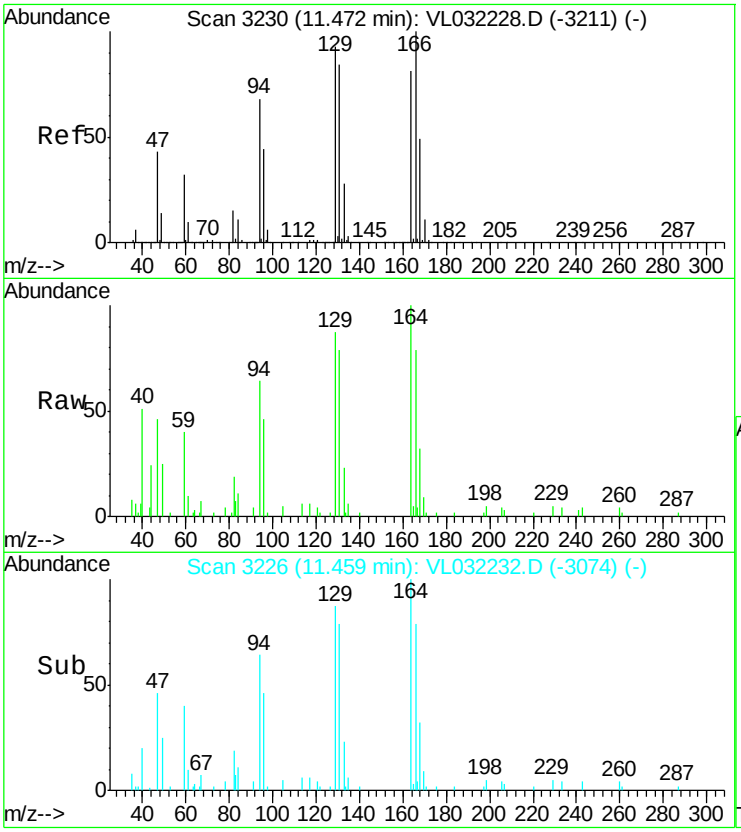


#49
Bromoform
Concen: 0.072 ppbv
RT: 13.29 min Scan# 3795
Delta R.T. -0.02 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:173 Resp: 14656

Ion	Ratio	Lower	Upper
173	100		
175	53.2	39.4	59.2
171	62.3	41.8	62.6



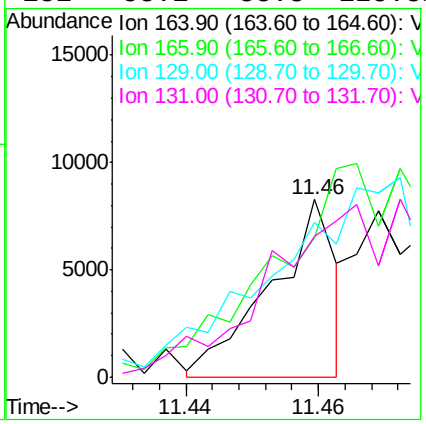


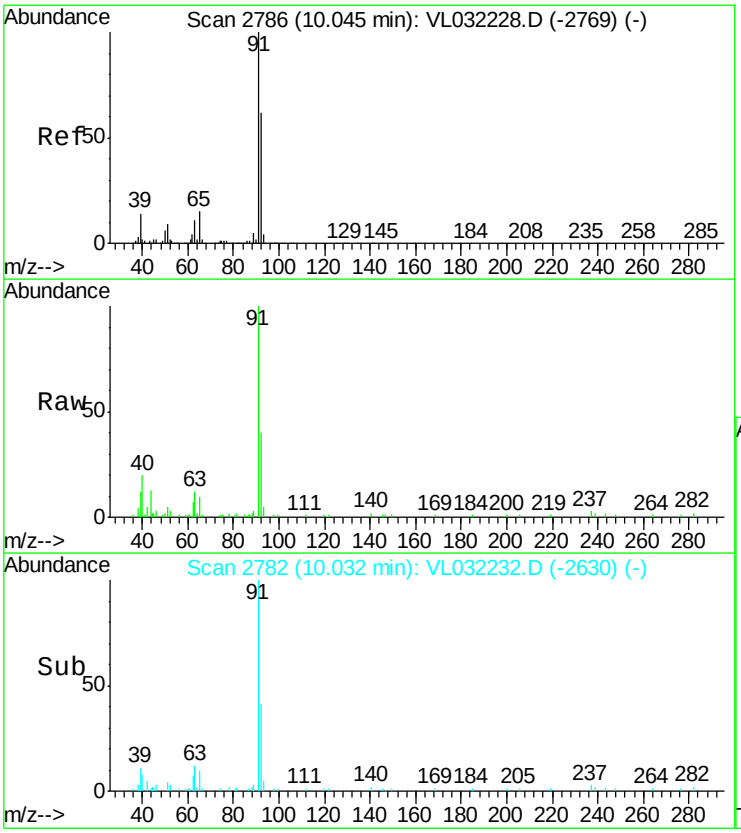
#52
Tetrachloroethene
Concen: 0.040 ppbv
RT: 11.46 min Scan# 3226
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:164 Resp: 5605

Ion	Ratio	Lower	Upper
164	100		
166	63.6	99.3	148.9#
129	61.3	92.0	138.0#
131	58.1	83.8	125.8#

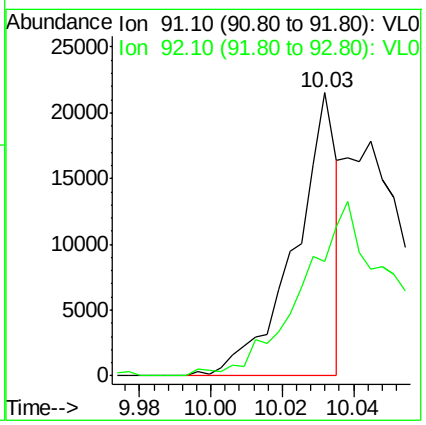


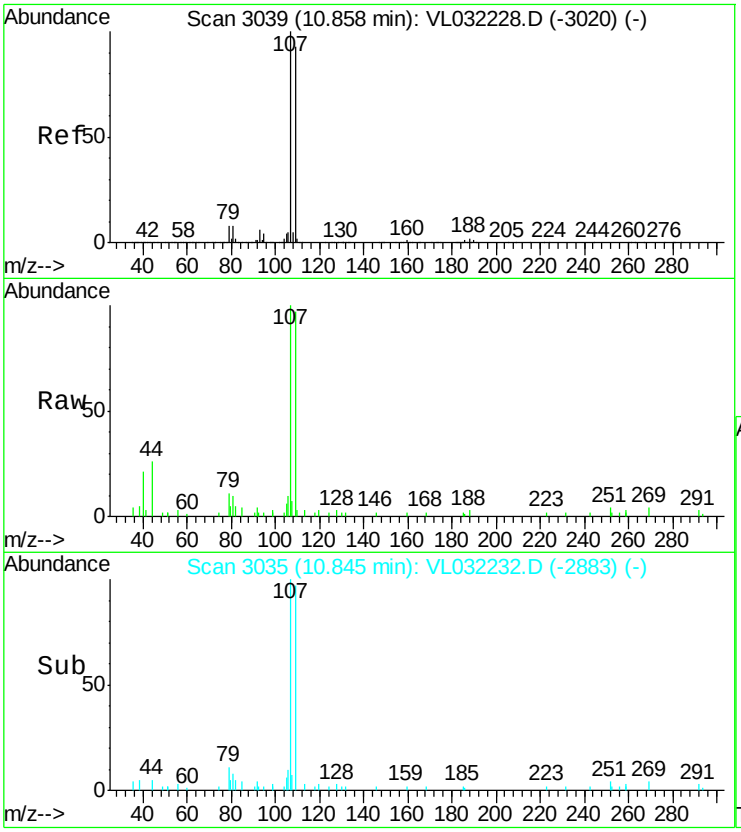


#53
Toluene
Concen: 0.038 ppbv
RT: 10.03 min Scan# 2782
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 91 Resp: 17590

Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.0	73.4#



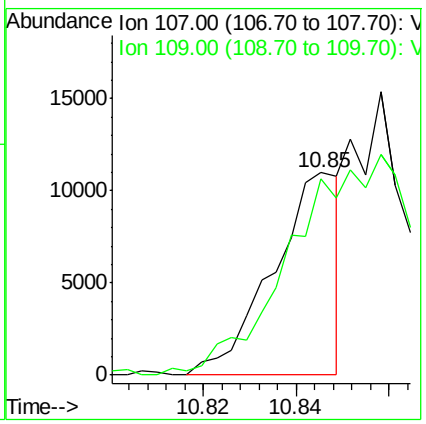


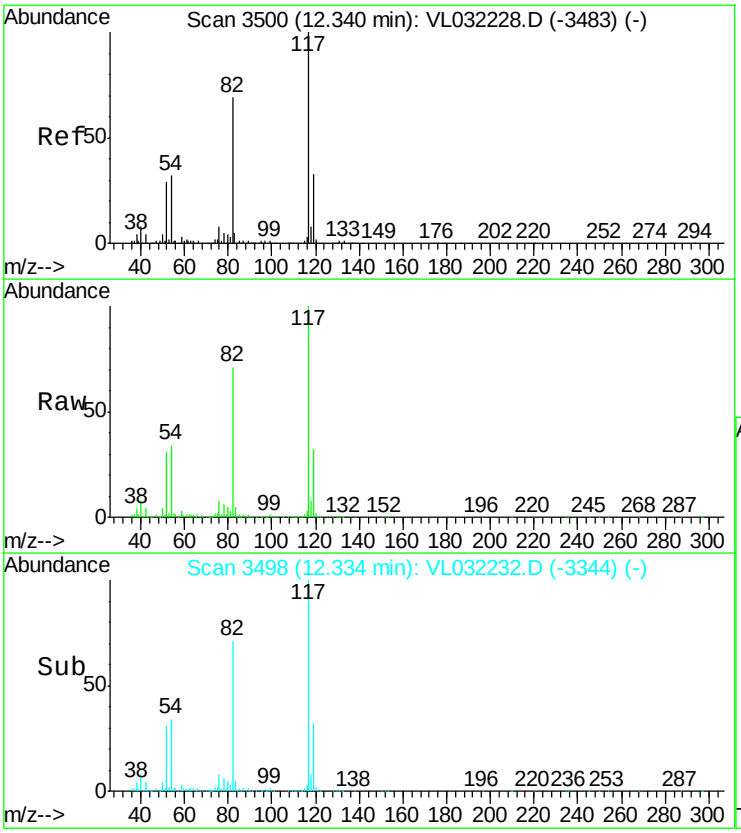
#54
1,2-Dibromoethane
Concen: 0.046 ppbv
RT: 10.85 min Scan# 3035
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:107 Resp: 10917

Ion	Ratio	Lower	Upper
107	100		
109	89.1	74.3	111.5

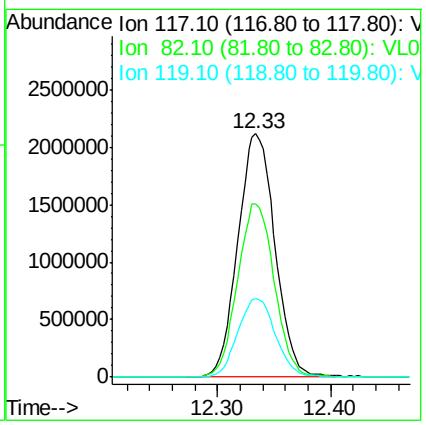


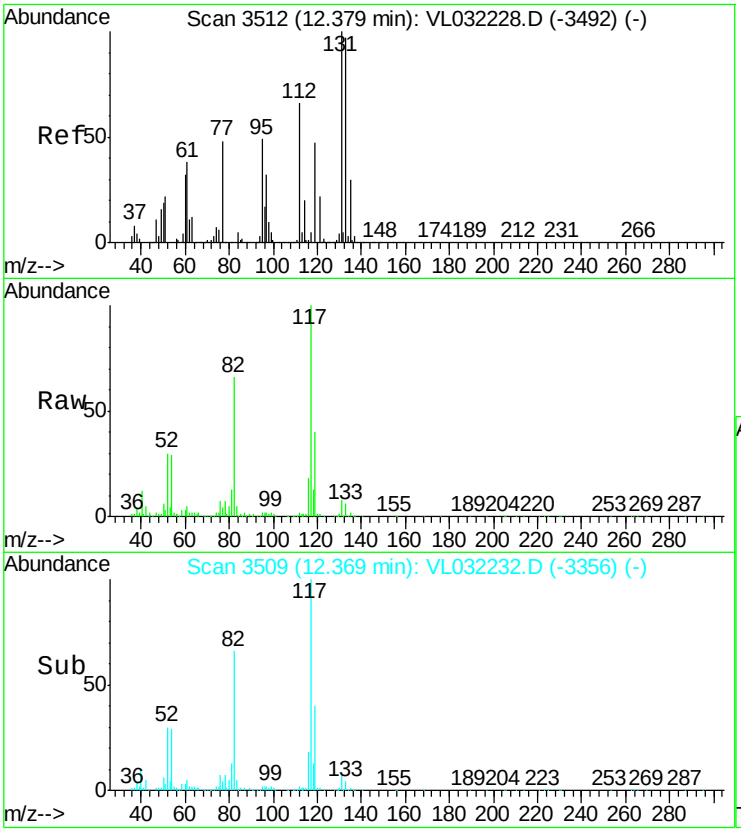


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:117 Resp: 4840720

Ion	Ratio	Lower	Upper
117	100		
82	70.8	53.2	79.8
119	32.9	43.9	65.9#



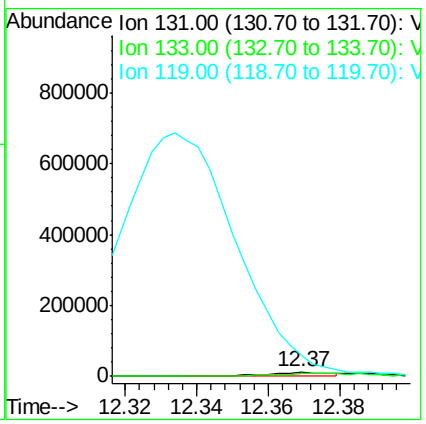


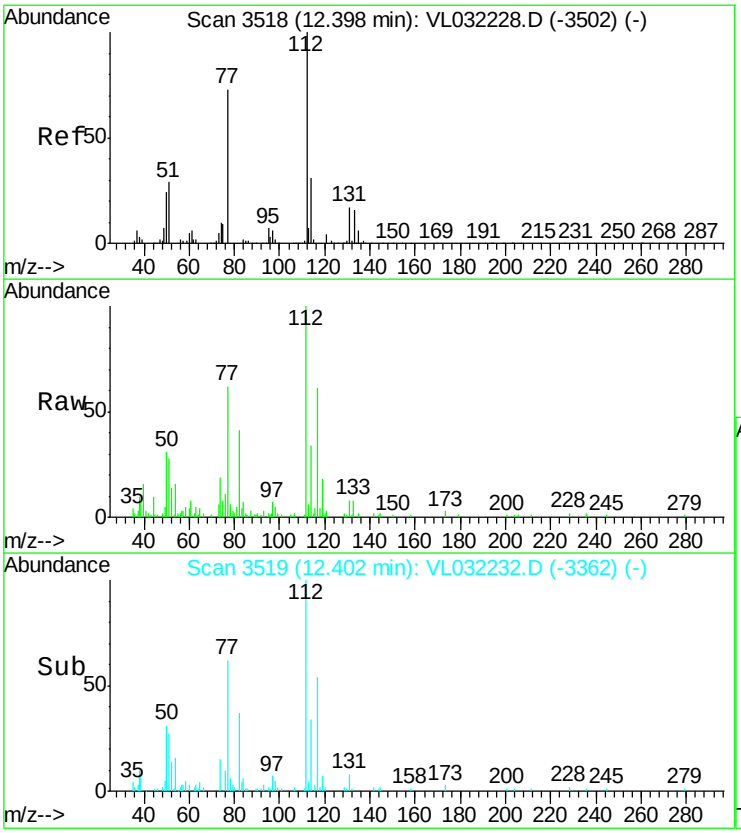
#56
1,1,1,2-Tetrachloroethane
Concen: 0.067 ppbv
RT: 12.37 min Scan# 3509
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 14362

Ion	Ratio	Lower	Upper
131	100		
133	134.0	75.2	112.8#
119	0.0	113.9	170.9#

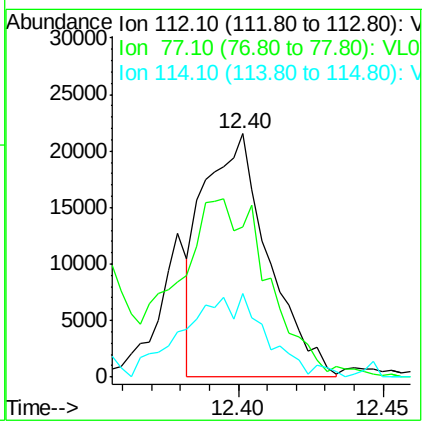


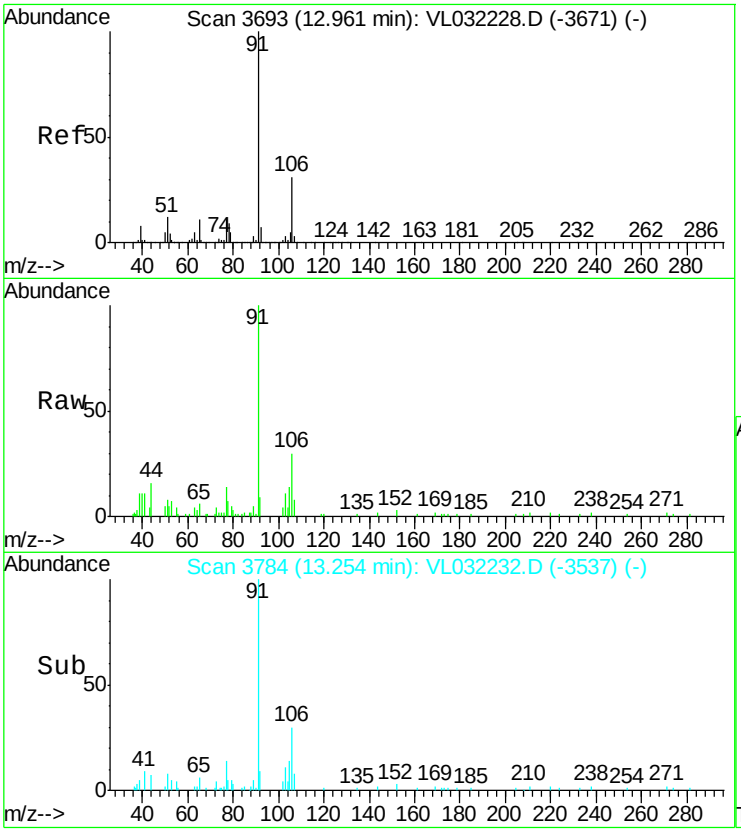


#57
Chlorobenzene
Concen: 0.080 ppbv
RT: 12.40 min Scan# 3519
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:112 Resp: 33414

Ion	Ratio	Lower	Upper
112	100		
77	58.0	58.8	88.2#
114	32.4	27.9	34.1



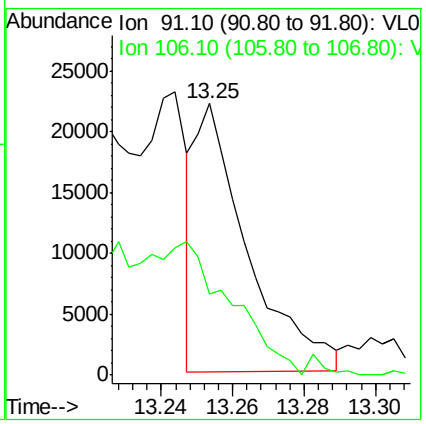


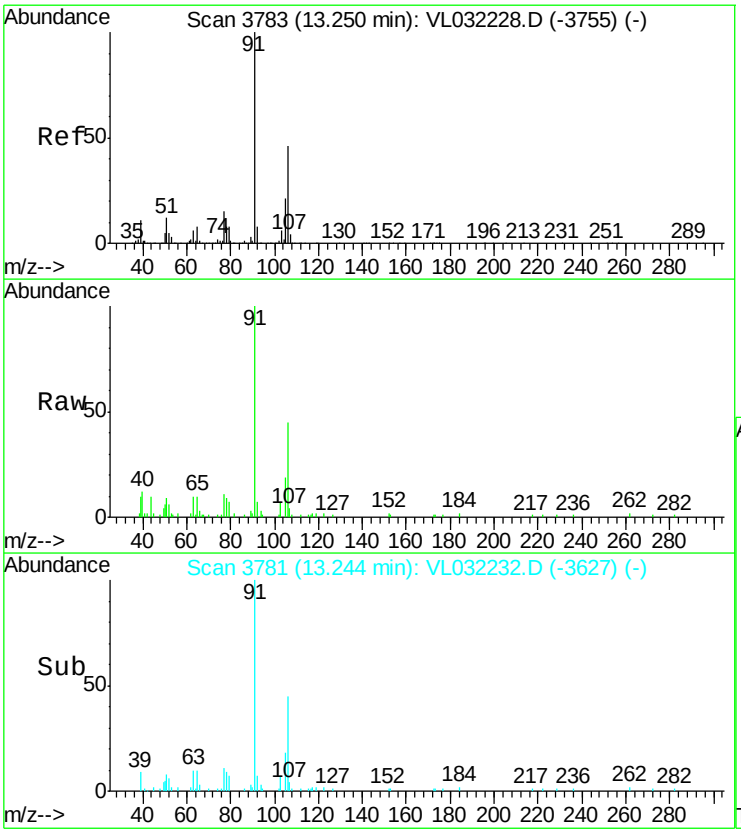
#58
Ethyl Benzene
Concen: 0.029 ppbv
RT: 13.25 min Scan# 3784
Delta R.T. 0.29 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 22540

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.5	36.7

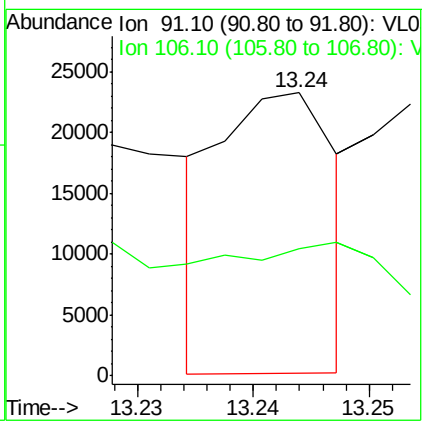


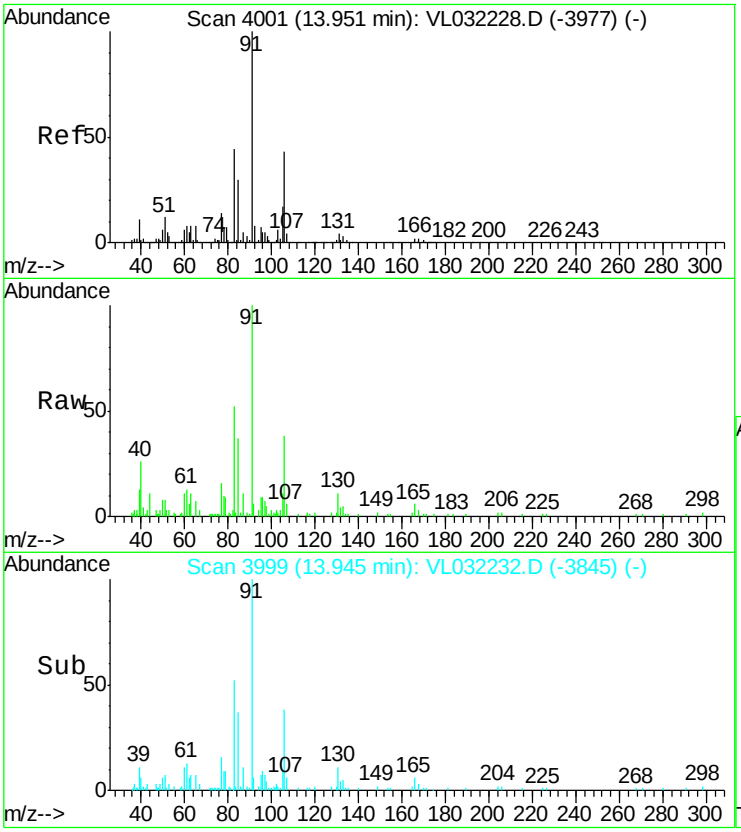


#59
m/p-Xylene
Concen: 0.026 ppbv
RT: 13.24 min Scan# 3781
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 91 Resp: 16001

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.4	54.6#



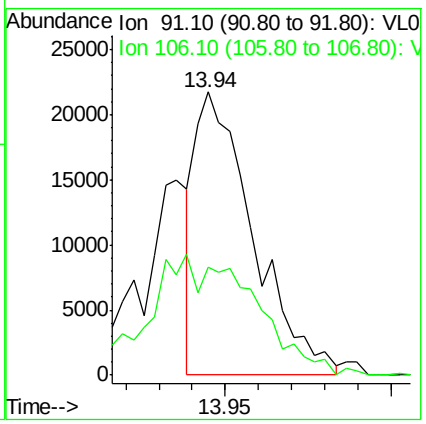


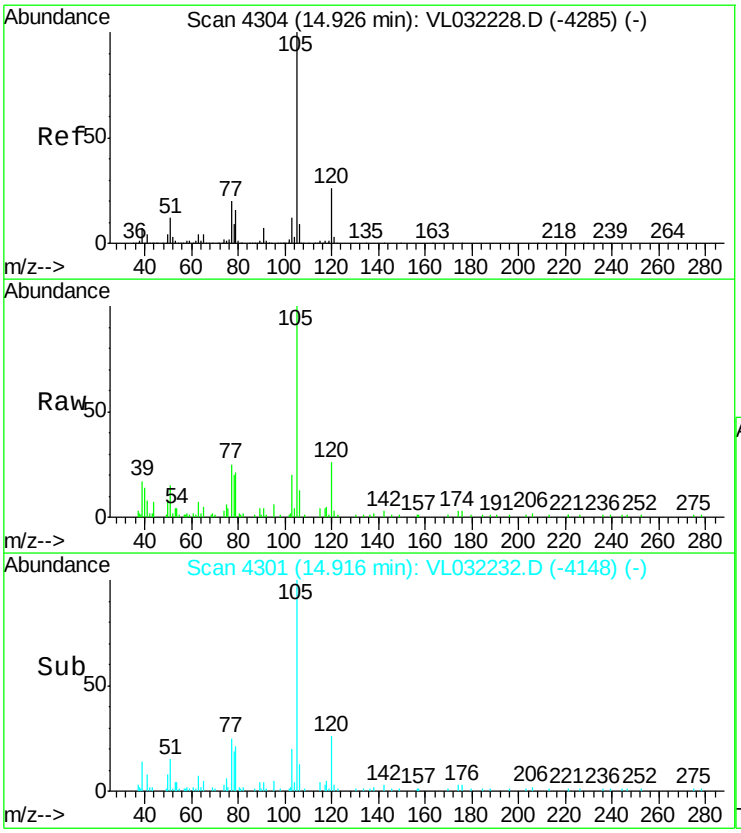
#60
o-Xylene
Concen: 0.042 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 26280

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	65.5#

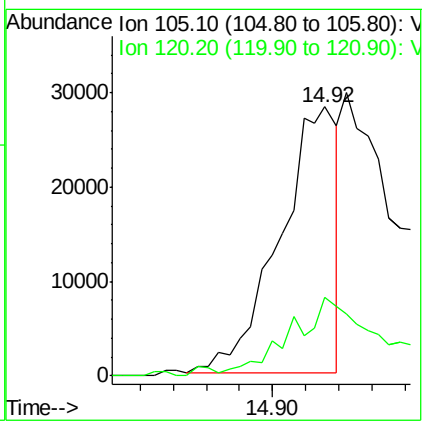


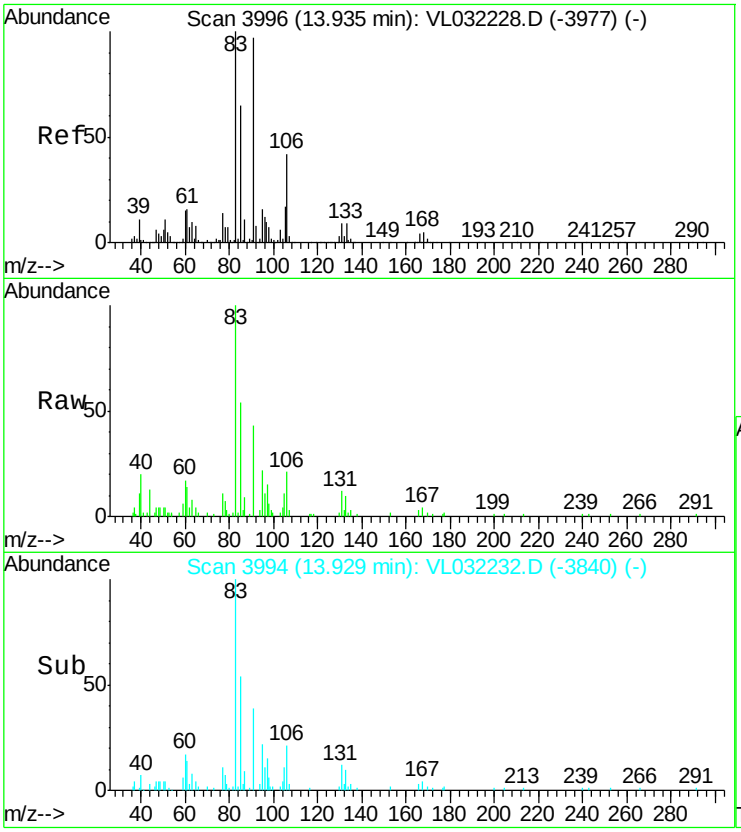


#62
Isopropylbenzene
Concen: 0.036 ppbv
RT: 14.92 min Scan# 4301
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:105 Resp: 34058

Ion	Ratio	Lower	Upper
105	100		
120	47.2	20.2	30.2#



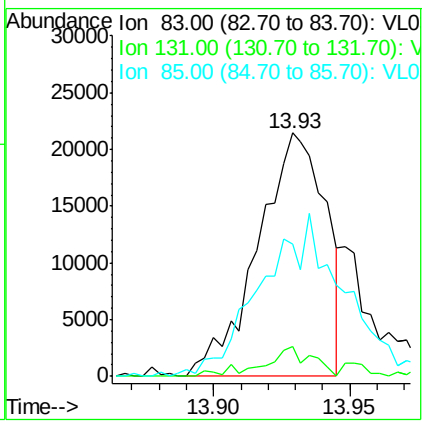


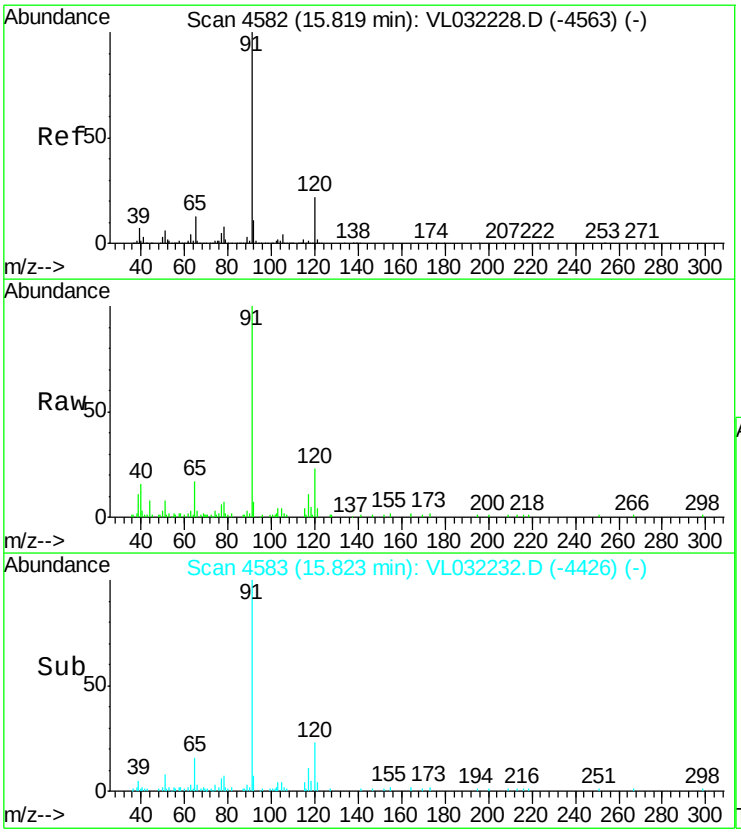
#63
1,1,2,2-Tetrachloroethane
Concen: 0.076 ppbv
RT: 13.93 min Scan# 3994
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 37053

Ion	Ratio	Lower	Upper
83	100		
131	11.3	4.3	12.8
85	83.3	32.5	97.5

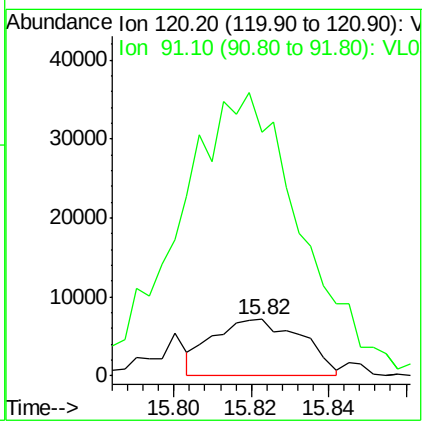


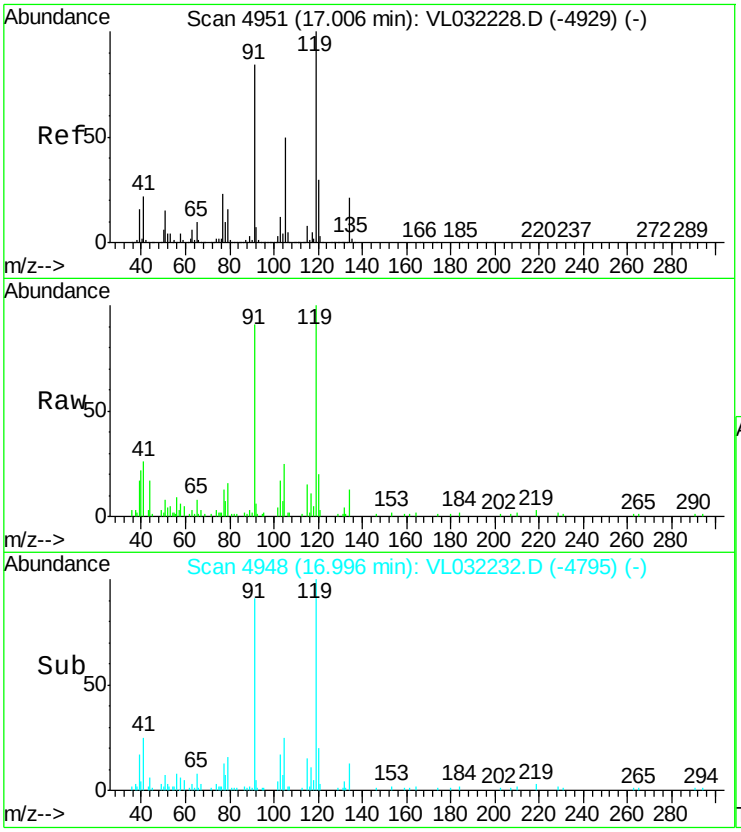


#64
n-propylbenzene
Concen: 0.047 ppbv
RT: 15.82 min Scan# 4583
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:120 Resp: 11514

Ion	Ratio	Lower	Upper
120	100		
91	714.1	385.0	577.4#



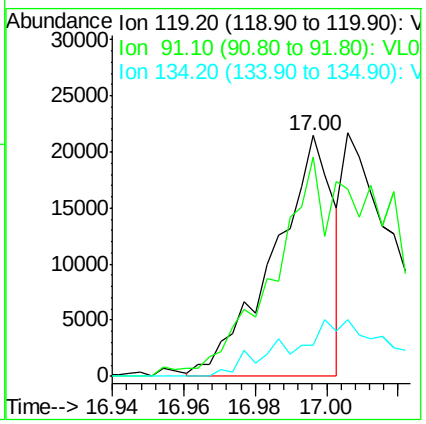


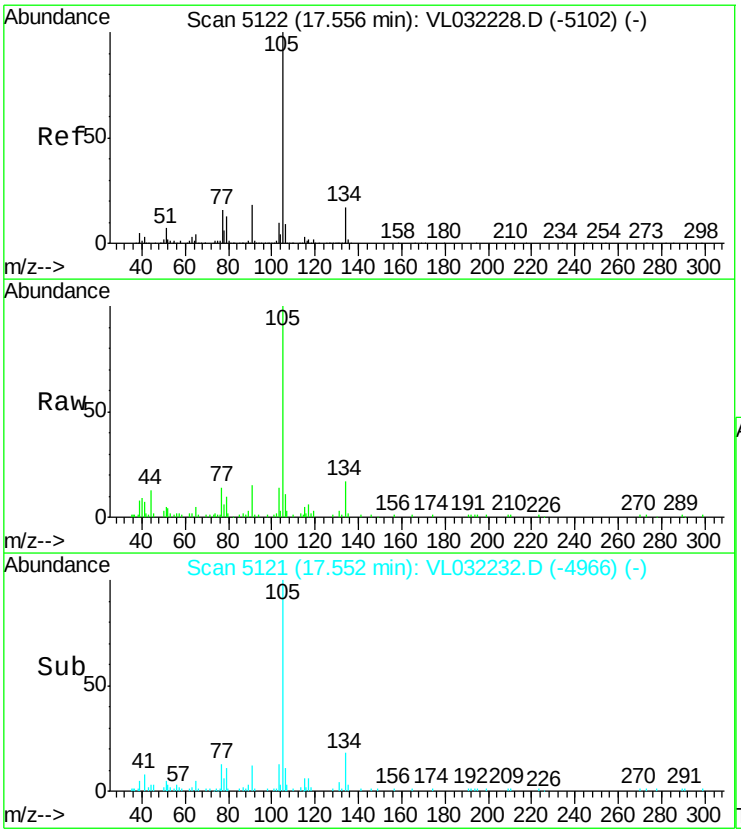
#65
tert-Butylbenzene
Concen: 0.030 ppbv
RT: 17.00 min Scan# 4948
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 24797

Ion	Ratio	Lower	Upper
119	100		
91	192.4	68.6	102.8#
134	42.4	15.4	23.2#

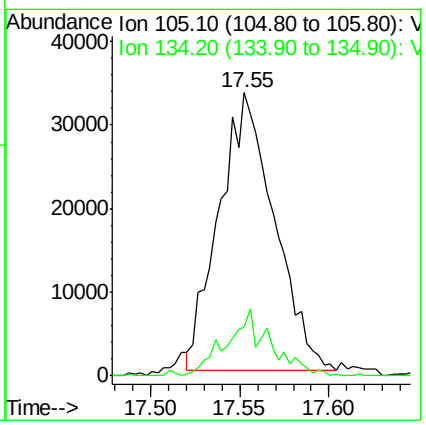


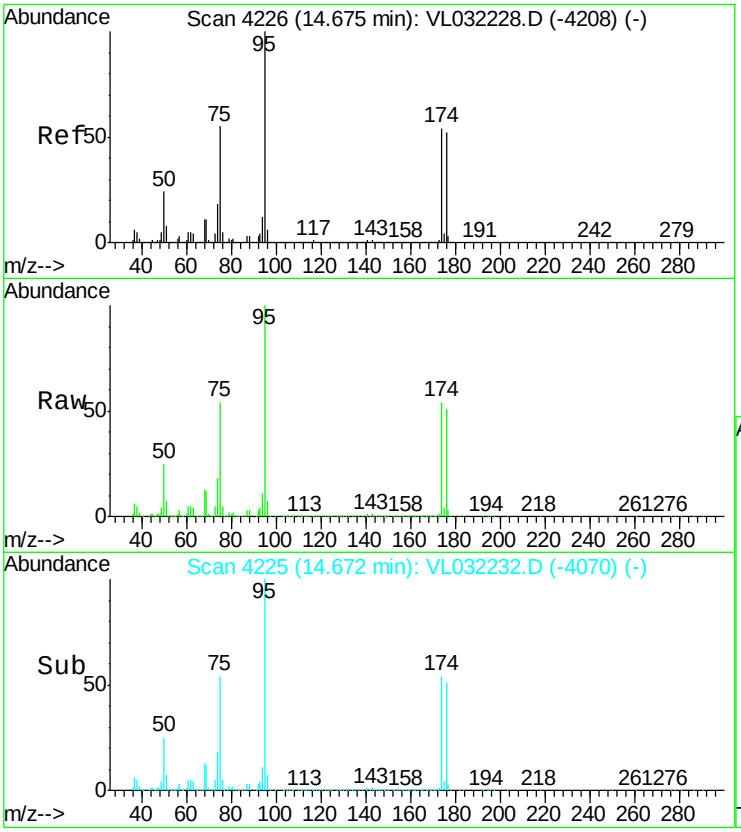


#67
sec-Butylbenzene
Concen: 0.059 ppbv
RT: 17.55 min Scan# 5121
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:105 Resp: 71999

Ion	Ratio	Lower	Upper
105	100		
134	19.1	14.2	21.2



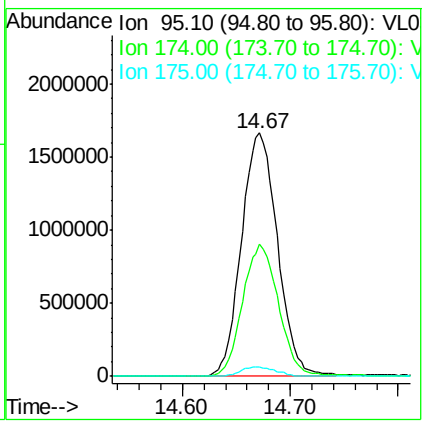


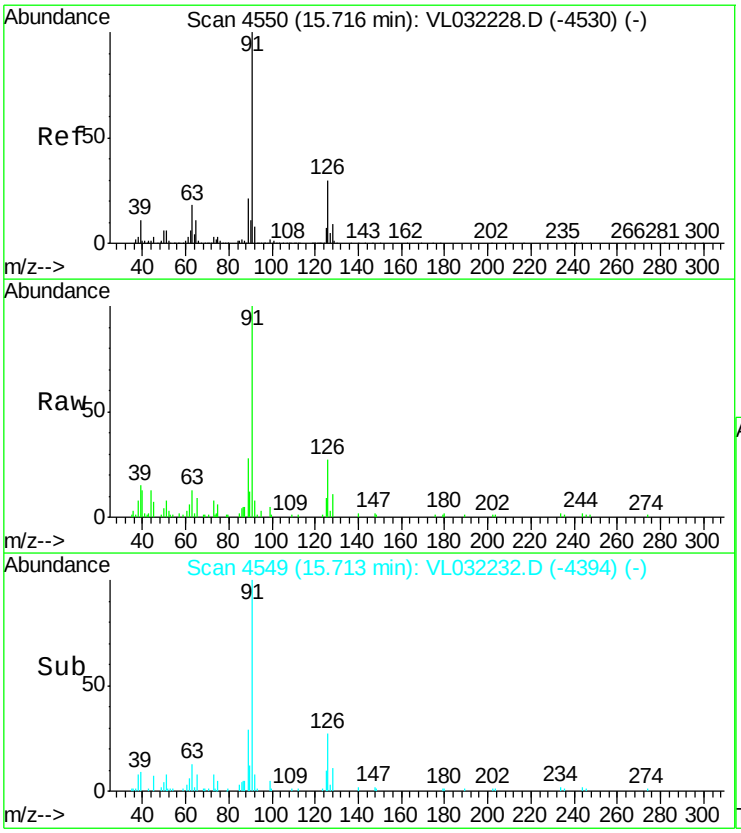
#68
1-Bromo-4-Fluorobenzene
Concen: 10.409 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 3868111

Ion	Ratio	Lower	Upper
95	100		
174	54.6	44.6	67.0
175	4.0	3.3	4.9

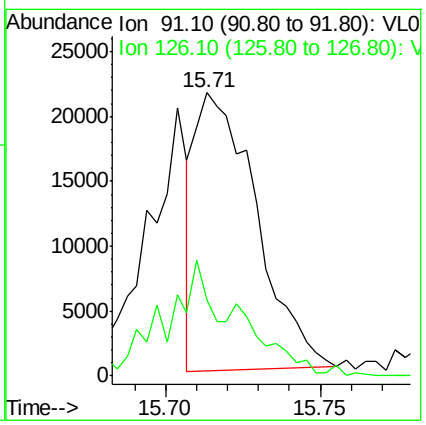


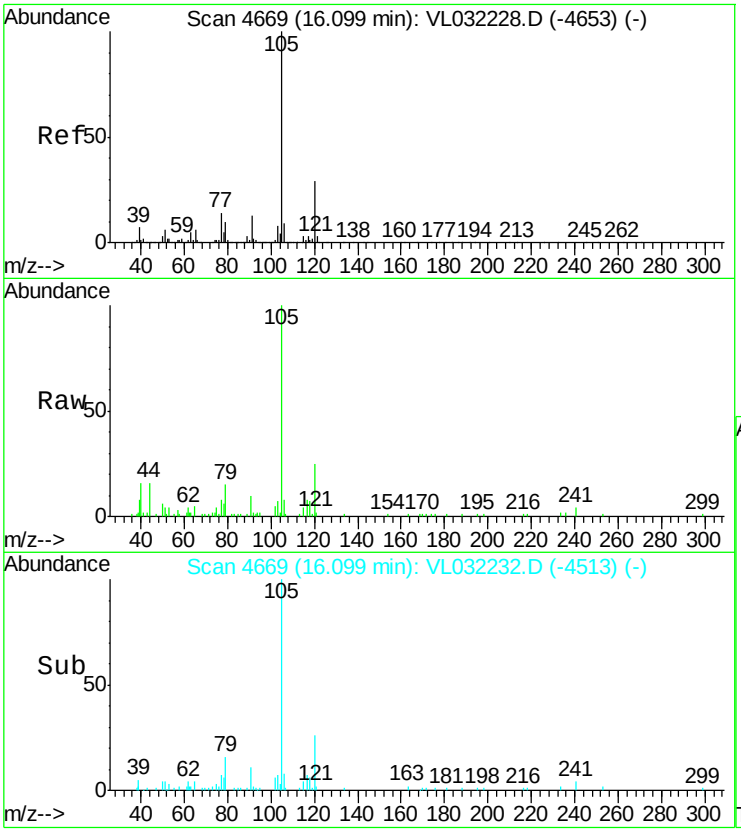


#71
2-Chlorotoluene
Concen: 0.040 ppbv
RT: 15.71 min Scan# 4549
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion: 91 Resp: 29355

Ion	Ratio	Lower	Upper
91	100		
126	49.7	11.7	46.7#



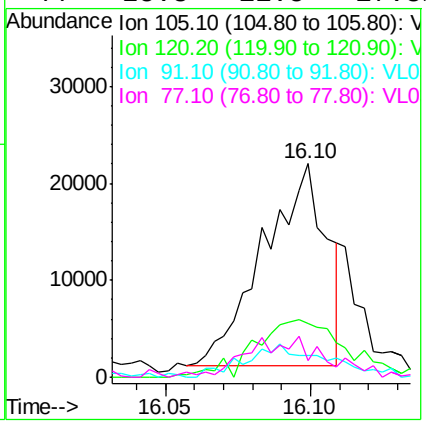


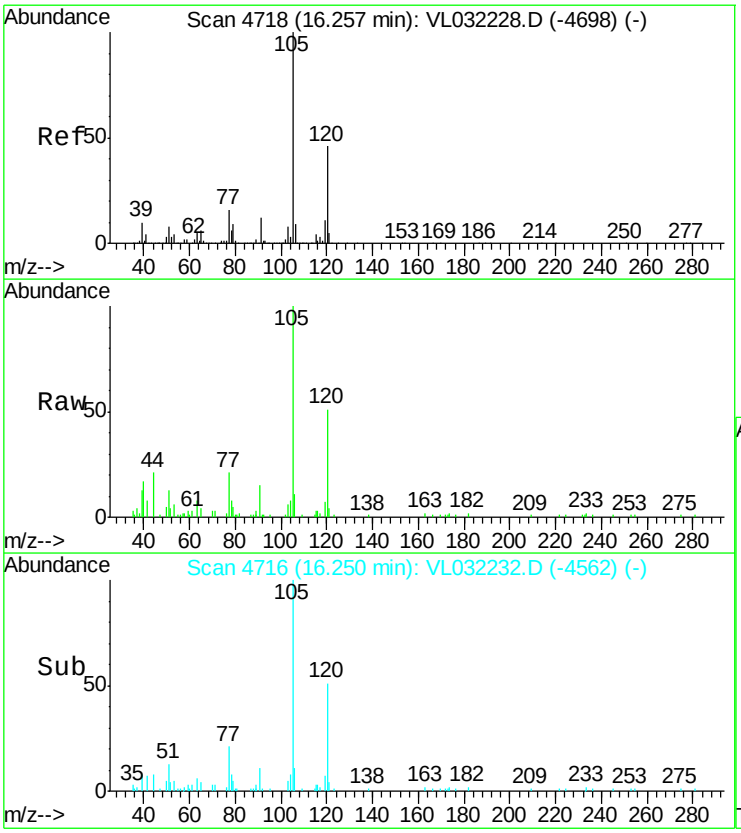
#72
4-Ethyltoluene
Concen: 0.039 ppbv
RT: 16.10 min Scan# 4669
Delta R.T. 0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 31339

Ion	Ratio	Lower	Upper
105	100		
120	42.0	23.3	34.9#
91	23.2	10.3	15.5#
77	25.8	11.5	17.3#

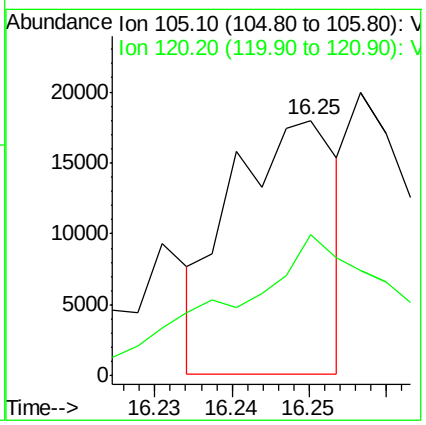


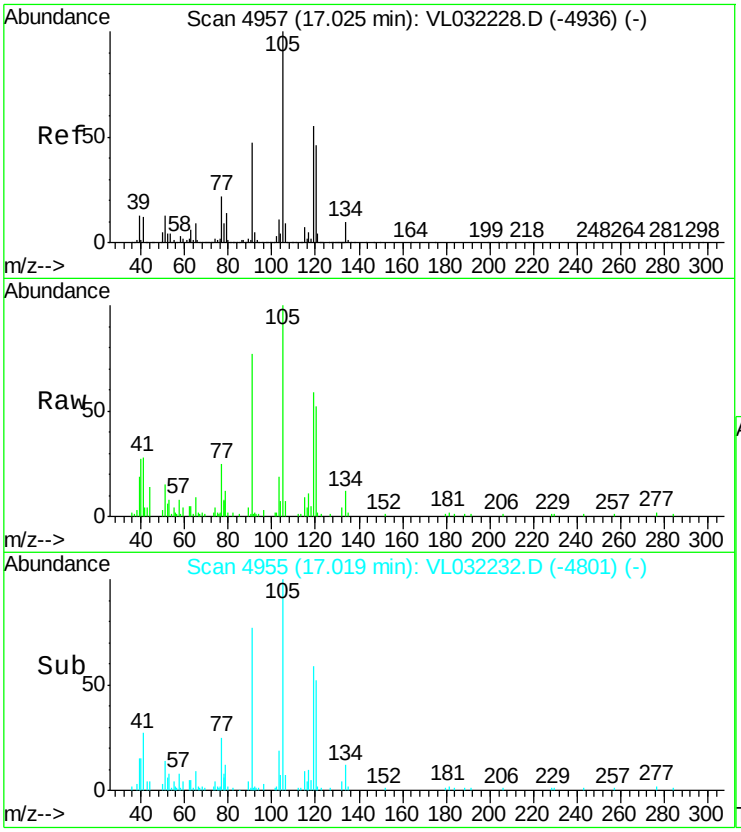


#73
1,3,5-Trimethylbenzene
Concen: 0.023 ppbv
RT: 16.25 min Scan# 4716
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:105 Resp: 16958

Ion	Ratio	Lower	Upper
105	100		
120	53.1	36.6	54.8



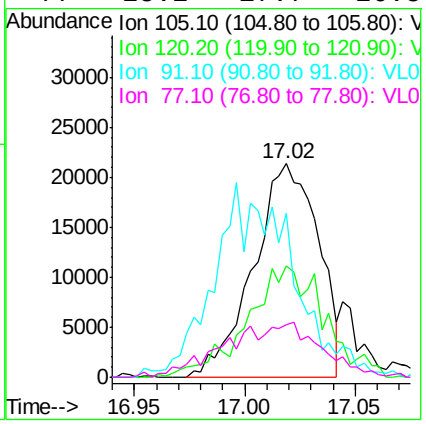


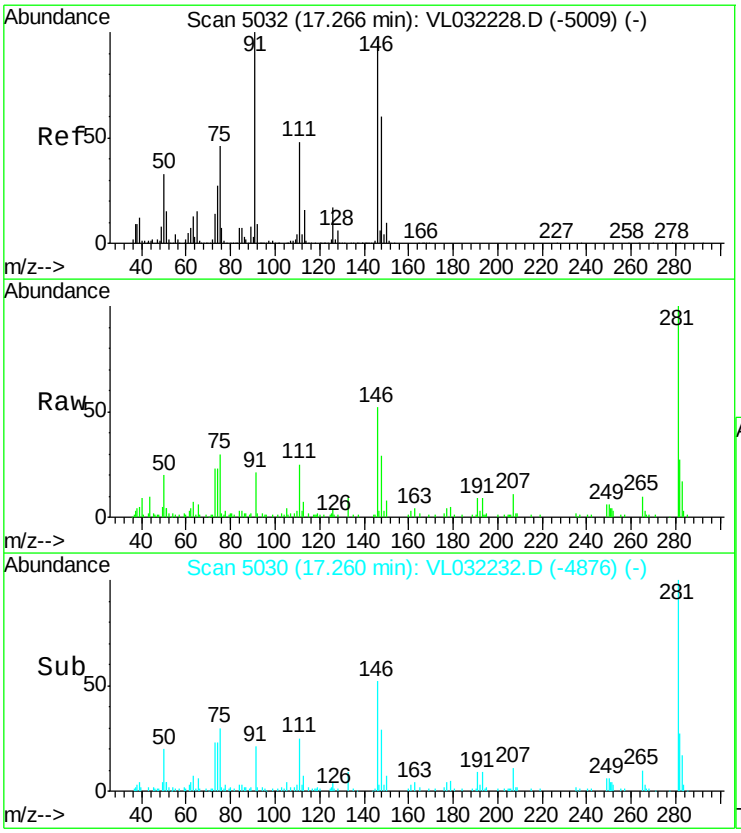
#74
1,2,4-Trimethylbenzene
Concen: 0.057 ppbv
RT: 17.02 min Scan# 4955
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 43547

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.0	55.4
91	66.2	38.2	57.2#
77	25.2	17.7	26.5

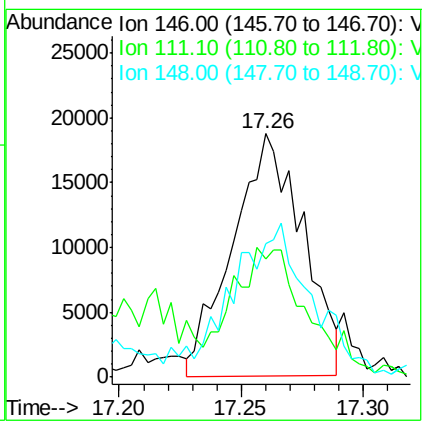


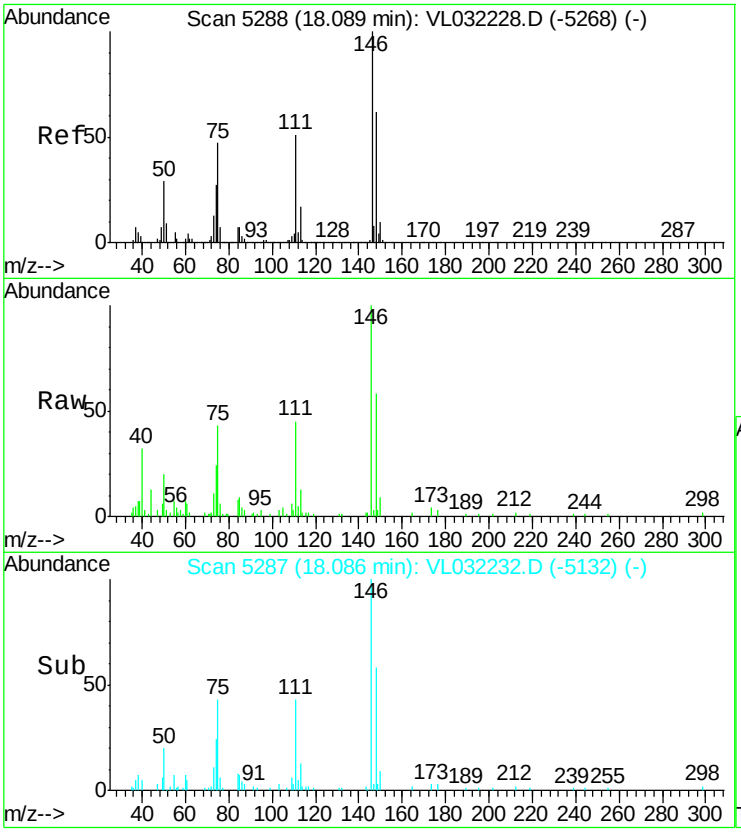


#75
1,3-Dichlorobenzene
Concen: 0.087 ppbv
RT: 17.26 min Scan# 5030
Delta R.T. -0.01 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Tgt Ion:146 Resp: 37307

Ion	Ratio	Lower	Upper
146	100		
111	61.1	24.9	74.7
148	88.8	31.9	95.5





#77
1,2-Dichlorobenzene
Concen: 0.069 ppbv
RT: 18.09 min Scan# 5287
Delta R.T. -0.00 min
Lab File: VL032232.D
Acq: 12 Jul 2018 20:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 29447

Ion	Ratio	Lower	Upper
146	100		
111	65.5	26.1	78.3
148	79.4	32.0	96.0