Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032519\

Quantitation Report (Not Reviewed)

Data File : VL033438.D
Acq On : 25 Mar 2019 13:03
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 25 13:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	752494	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1753281	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.24	117	1728715	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1384110	10.81	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.22	85	12441	0.094	ppbv		90
3) Chlorodifluoromethane	3.01	51	9863	0.114	ppbv		96
4) Chloromethane	3.17	50	5126	0.110	ppbv	#	86
5) Vinyl Chloride	3.29	62	4669	0.097	ppbv	#	43
6) Bromomethane	3.52	94	3011	0.105	ppbv	#	80
7) Chloroethane	3.60	64	1576	0.093	ppbv		97
8) Dichlorotetrafluoroethane	3.22	85	12441	0.110	ppbv		94
9) Propene	3.04	41	3924	0.102	ppbv	#	76
10) Heptane	8.24	43	3645	0.038	ppbv	#	27
11) Trichlorofluoromethane	4.00	101	13856	0.105	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.54	101	4106	0.047	ppbv	#	14
13) Ethanol	3.66	45	855	0.047	ppbv	#	38
14) Bromoethene	3.79	108	2375	0.065	ppbv	#	73
15) Acetone	3.92	43	11602	0.099	ppbv	#	90
16) 1,3-Butadiene	3.36	39	3339	0.088	ppbv		94
18) 1,1-Dichloroethene	4.34	96	1728	0.043	ppbv	#	55
20) Methylene Chloride	4.40	84	2641	0.069	ppbv	#	82
21) Allyl Chloride	4.48	41	5960	0.105	ppbv		92
22) trans-1,2-Dichloroethene	4.96	96	1620	0.042	ppbv	#	72
23) Vinyl Acetate	5.16	43	4458	0.033	ppbv	#	70
24) 1,1-Dichloroethane	5.08	63	3162	0.032	ppbv	#	92
25) Ethyl Acetate	5.78	43	12486	0.073	ppbv	#	95
26) Hexane	5.78	57	7052	0.093	ppbv		85
27) Carbon Disulfide	4.62	76	6572	0.075	ppbv	#	33
28) Methyl tert-Butyl Ether	5.13	73	8362	0.074	ppbv		100
29) Chloroform	5.84	83	8552	0.069	ppbv		93
31) cis-1,2-Dichloroethene	5.63	61	2345	0.031	ppbv	#	84
32) 1,1,1-Trichloroethane	6.62	97	10454	0.086	ppbv		92
35) Carbon Tetrachloride	7.14	117	4048	0.033	ppbv		96
36) Benzene	7.00	78	11552	0.074	ppbv	#	83
37) 1,2-Dichloroethane	6.41	62	9491	0.096	ppbv		99
39) 1,2-Dichloropropane	7.29	63	467185	7.951	ppbv	#	25
40) 1,4-Dioxane	8.02	88	1134	0.055	ppbv	#	1
42) Bromodichloromethane	7.90	83	4729	0.036	ppbv		92
44) 2,2,4-Trimethylpentane	7.98	57	8250	0.032	ppbv	#	43
49) Bromoform	13.19	173	3322	0.032	ppbv	#	27
56) 1,1,1,2-Tetrachloroethane	12.28	131	5974	0.077	ppbv	#	57
57) Chlorobenzene	12.30	112	12771	0.093	ppbv	#	93
62) Isopropylbenzene	14.83	105	12634	0.044	ppbv	#	82
63) 1,1,2,2-Tetrachloroethane	13.84	83	8442	0.057	ppbv	#	54
66) Benzyl Chloride	17.15	91	3626	0.034	ppbv	#	71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032519\

Quantitation Report (Not Reviewed)

Data File : VL033438.D
Acq On : 25 Mar 2019 13:03
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 25 13:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,3-Dichlorobenzene	17.16	146	11814	0.083	ppbv		91
77) 1,2-Dichlorobenzene	17.99	146	4998	0.037	ppbv	#	15
78) Hexachloro-1,3-Butadiene	23.55	225	6399	0.080	ppbv	#	57

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

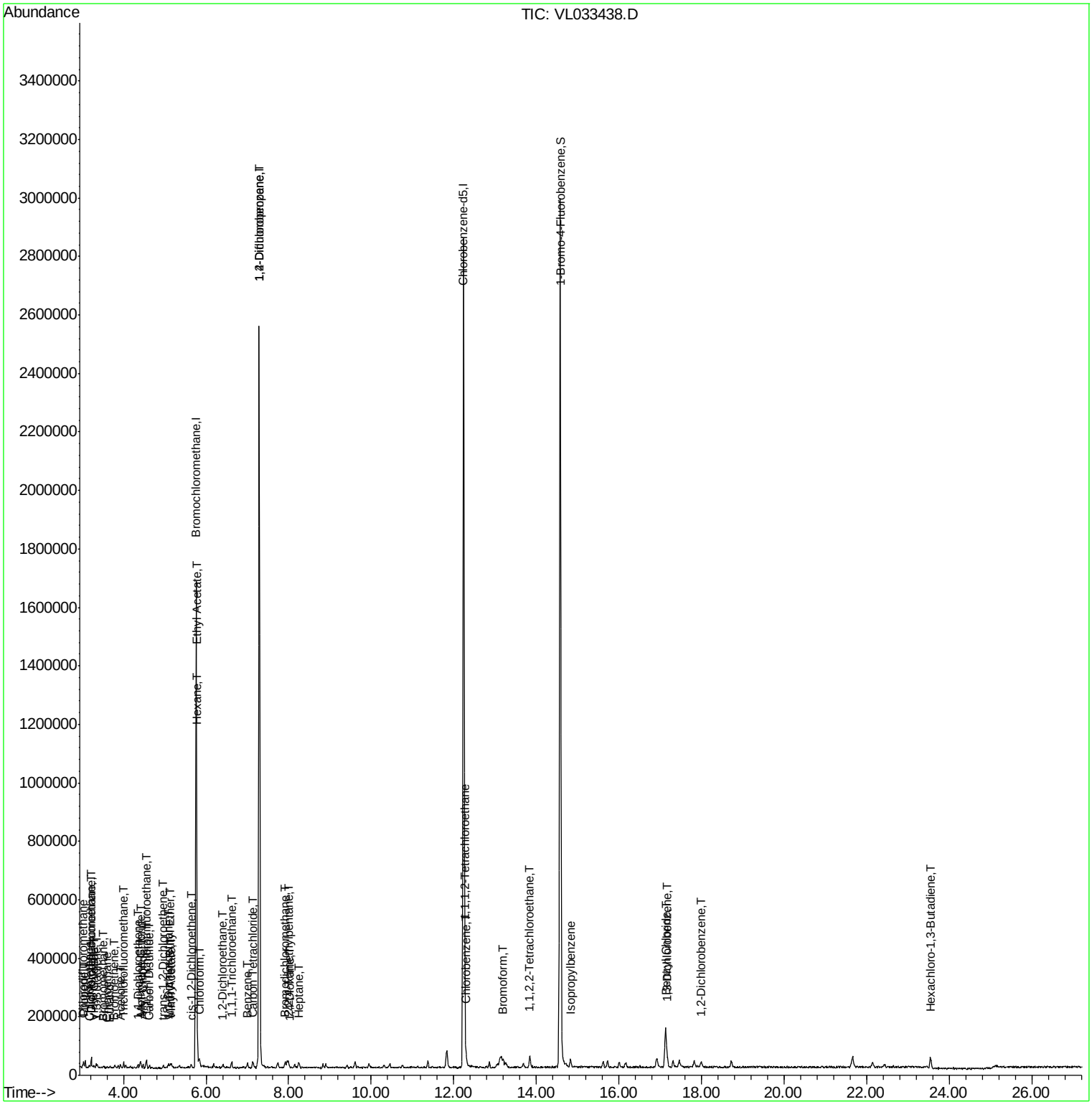
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032519\

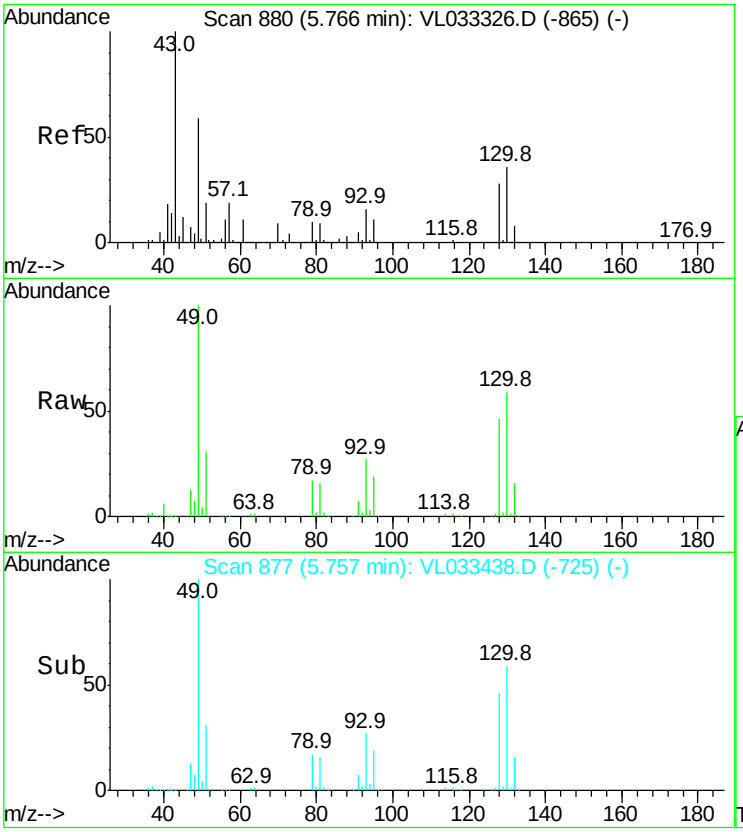
Quantitation Report (Not Reviewed)

Data File : VL033438.D
Acq On : 25 Mar 2019 13:03
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Mar 25 13:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



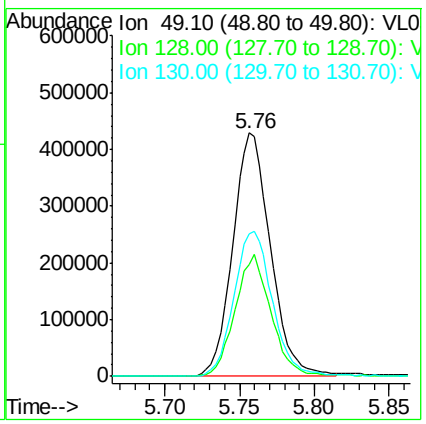


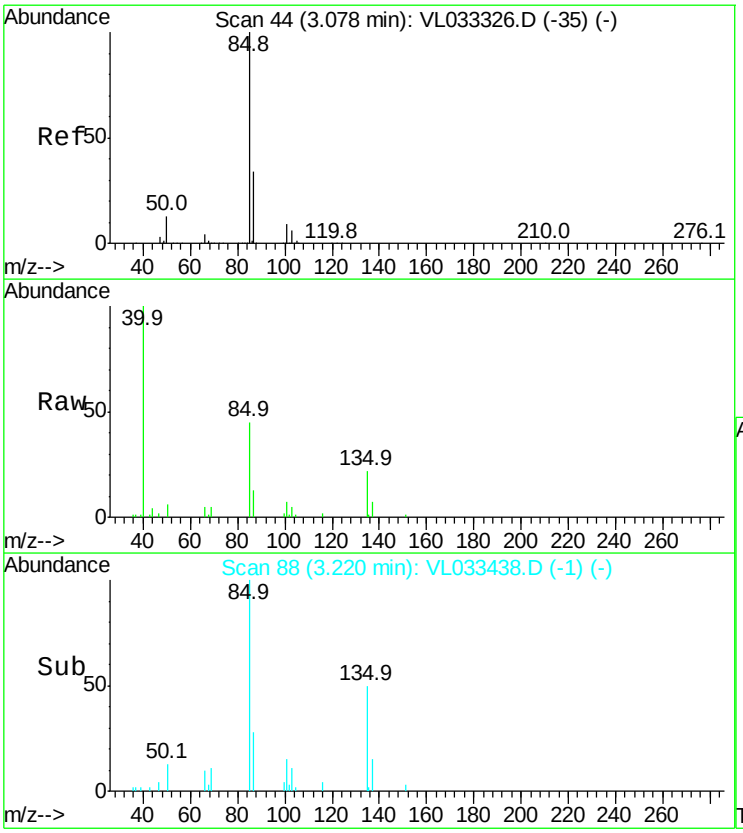
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 752494

Ion	Ratio	Lower	Upper
49	100		
128	48.3	23.5	70.6
130	61.8	30.1	90.3

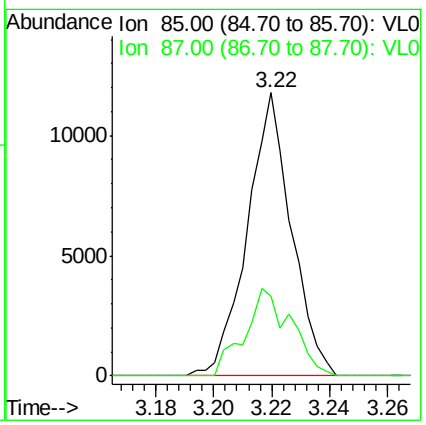


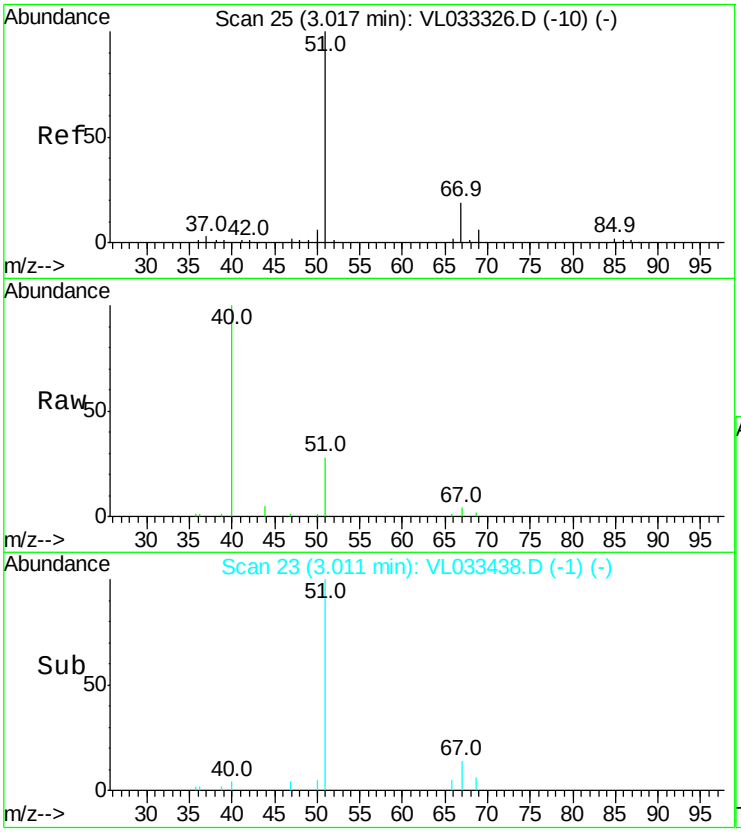


#2
Dichlorodifluoromethane
Concen: 0.094 ppbv
RT: 3.22 min Scan# 88
Delta R.T. 0.14 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 85 Resp: 12441

Ion	Ratio	Lower	Upper
85	100		
87	28.1	26.9	40.3



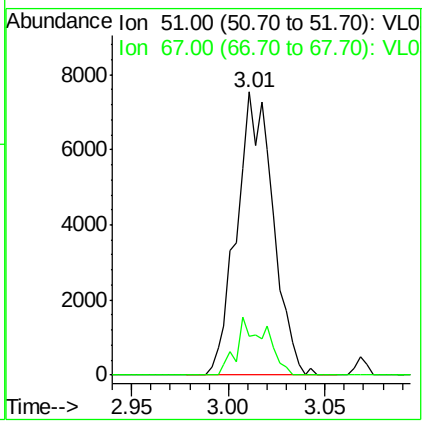


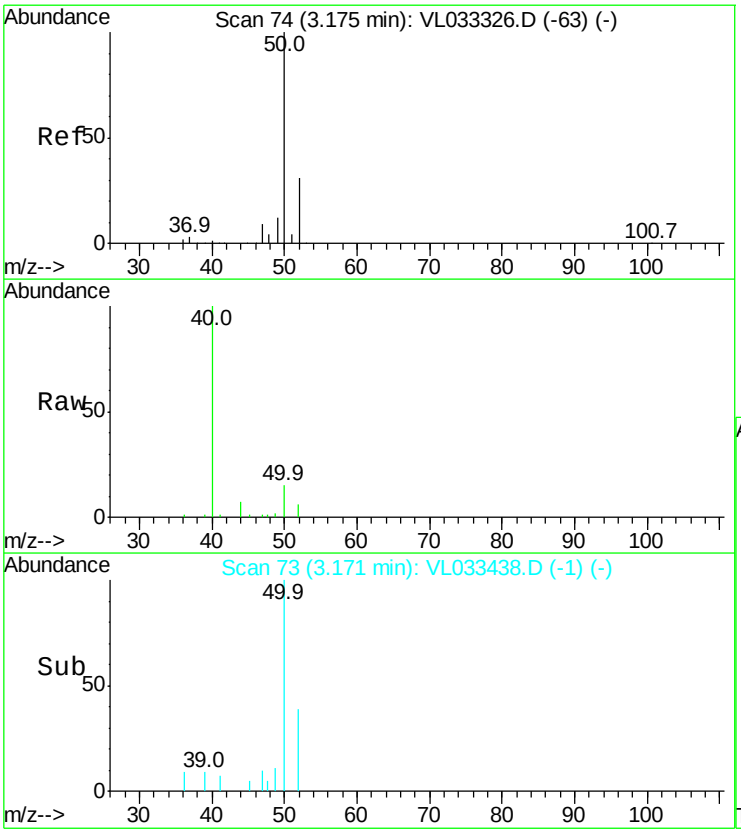
#3
Chlorodifluoromethane
Concen: 0.114 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 9863

Ion	Ratio	Lower	Upper
51	100		
67	16.7	14.9	22.3

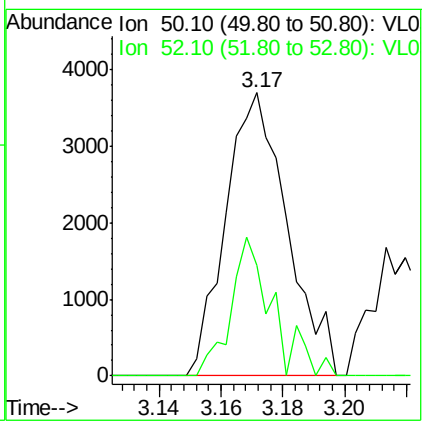


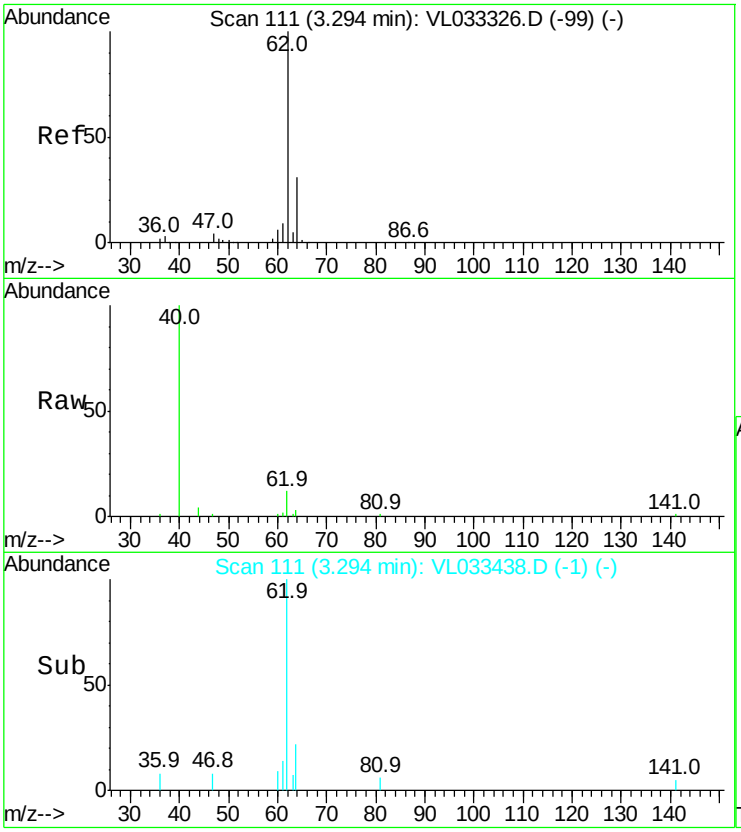


#4
Chloromethane
Concen: 0.110 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 50 Resp: 5126

Ion	Ratio	Lower	Upper
50	100		
52	38.9	25.0	37.6#



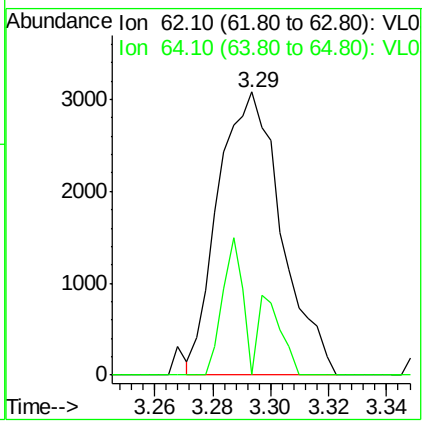


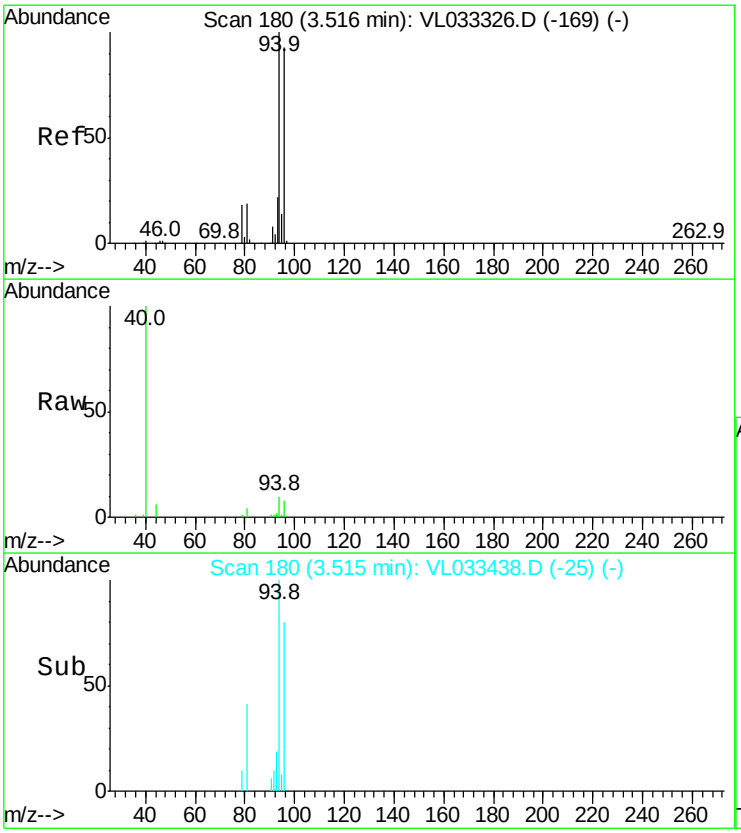
#5
Vinyl Chloride
Concen: 0.097 ppbv
RT: 3.29 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 4669

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#

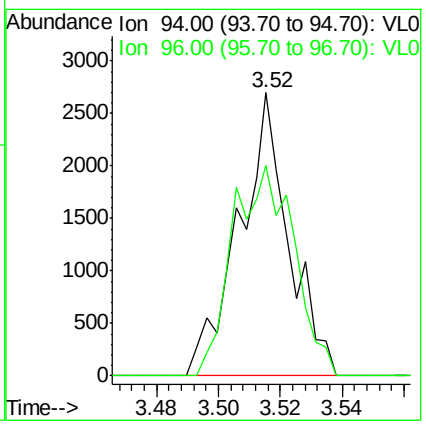


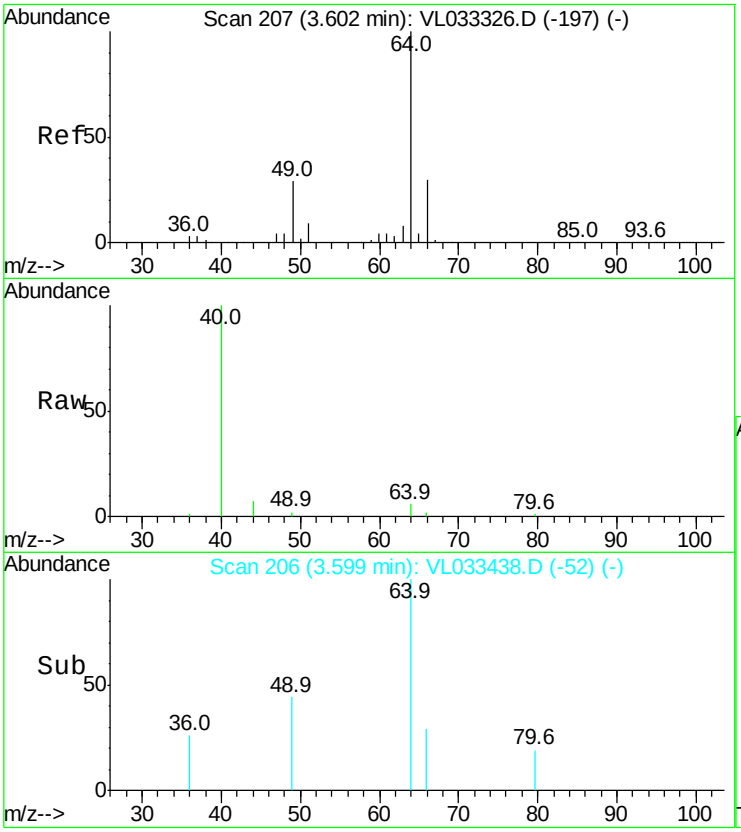


#6
Bromomethane
Concen: 0.105 ppbv
RT: 3.52 min Scan# 180
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 94 Resp: 3011

Ion	Ratio	Lower	Upper
94	100		
96	74.2	74.6	111.8#



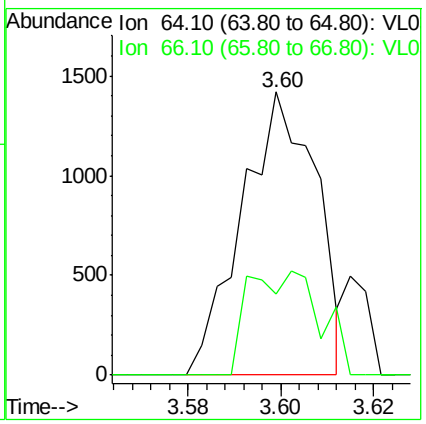


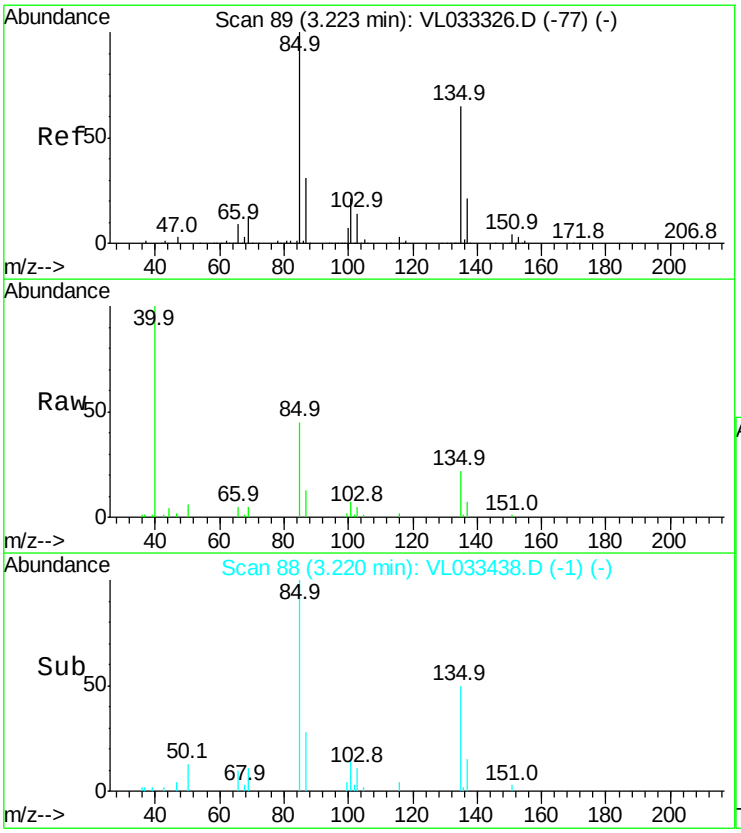
#7
Chloroethane
Concen: 0.093 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 1576

Ion	Ratio	Lower	Upper
64	100		
66	28.5	24.0	36.0

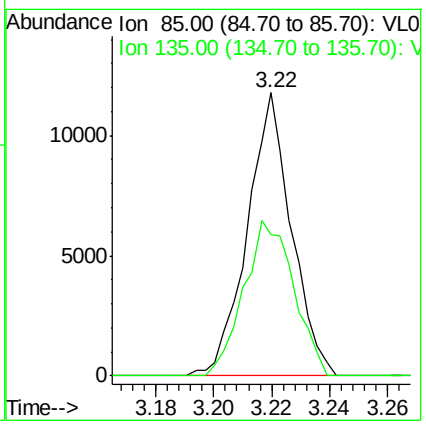


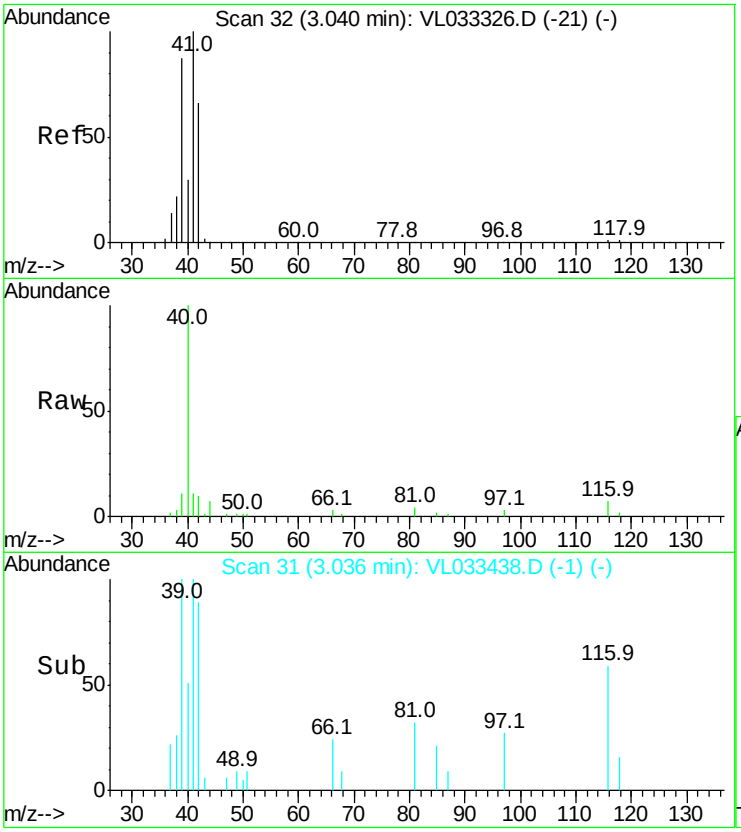


#8
Dichlorotetrafluoroethane
Concen: 0.110 ppbv
RT: 3.22 min Scan# 88
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 85 Resp: 12441

Ion	Ratio	Lower	Upper
85	100		
135	62.0	53.4	80.2



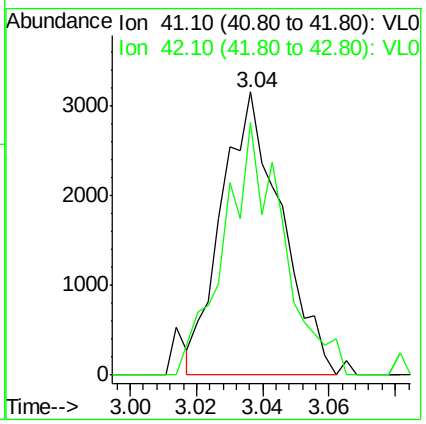


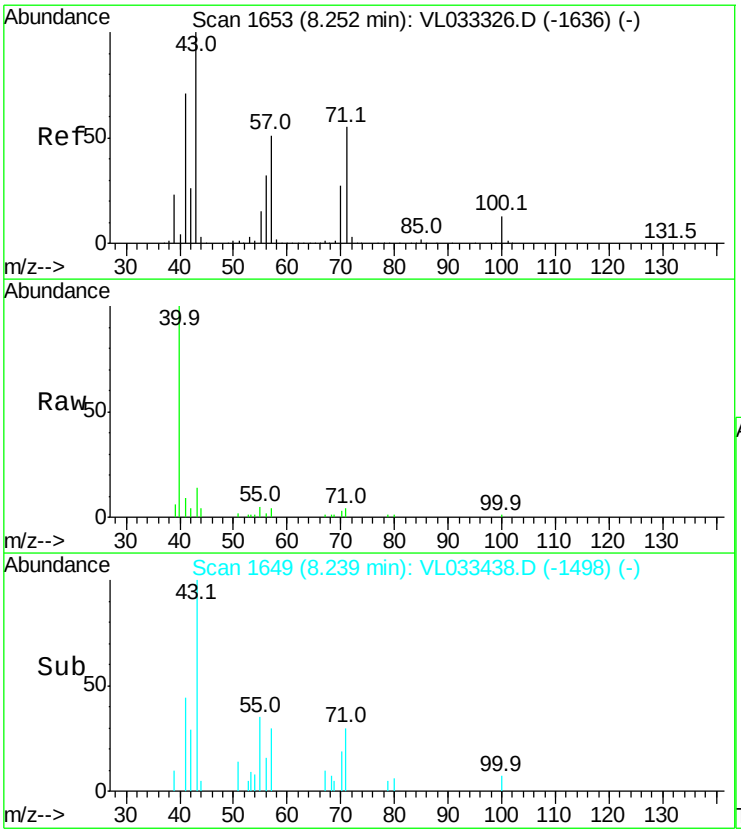
#9
Propene
Concen: 0.102 ppbv
RT: 3.04 min Scan# 31
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 3924

Ion	Ratio	Lower	Upper
41	100		
42	88.6	55.2	82.8#

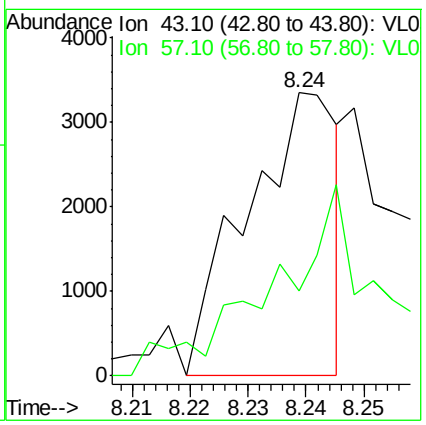


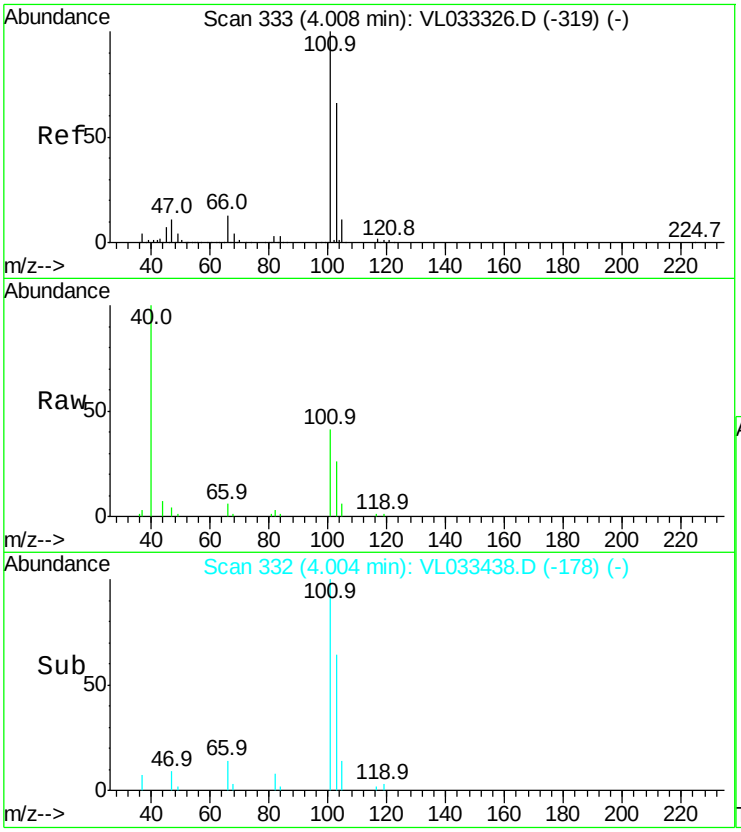


#10
Heptane
Concen: 0.038 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 43 Resp: 3645

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.4	60.6#



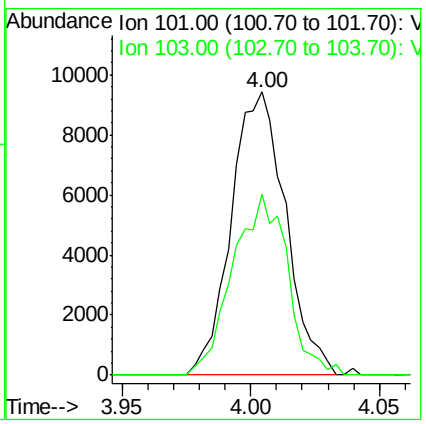


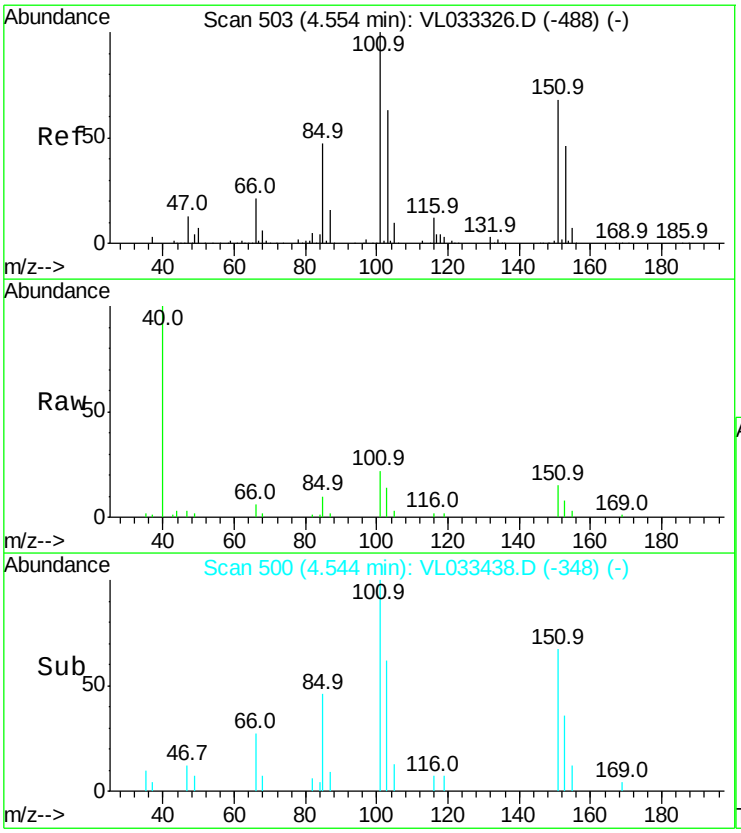
#11
Trichlorofluoromethane
Concen: 0.105 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:101 Resp: 13856

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.9	79.3

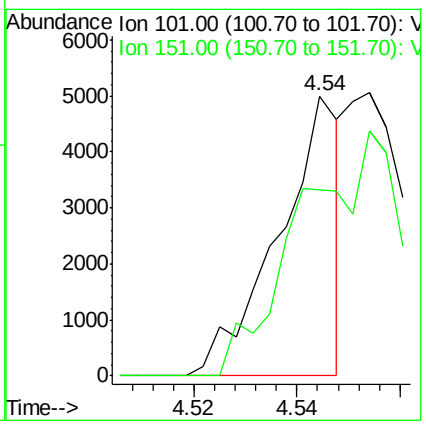


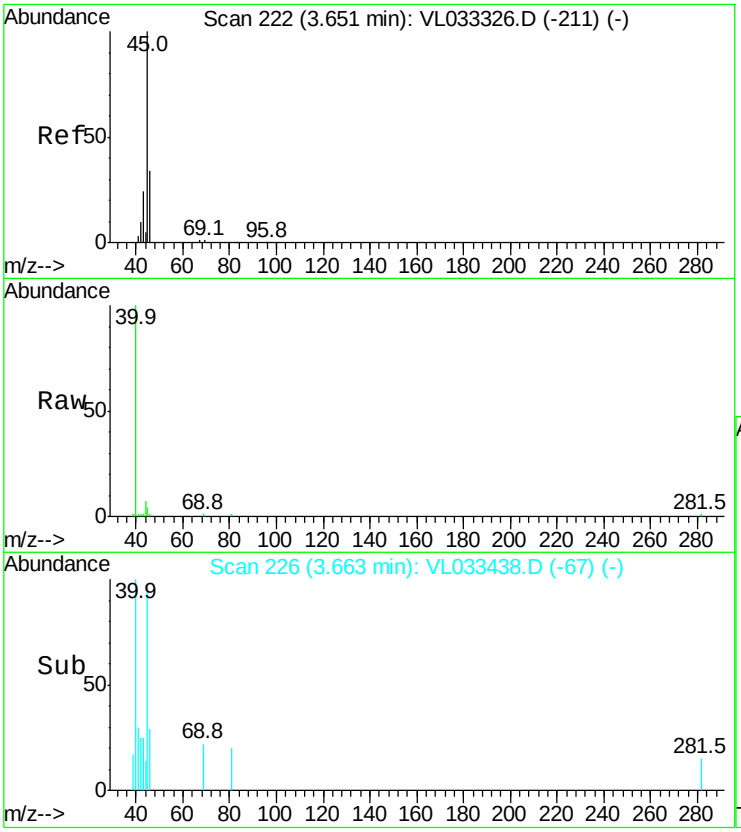


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.047 ppbv
RT: 4.54 min Scan# 500
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:101 Resp: 4106

Ion	Ratio	Lower	Upper
101	100		
151	0.0	56.3	84.5#



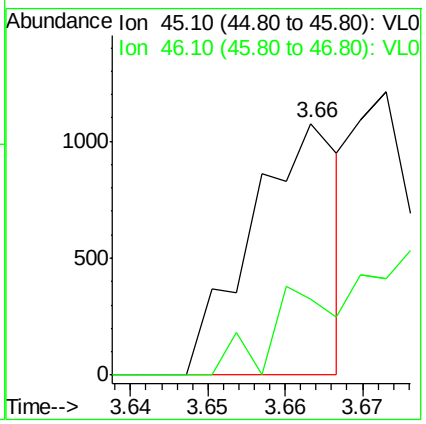


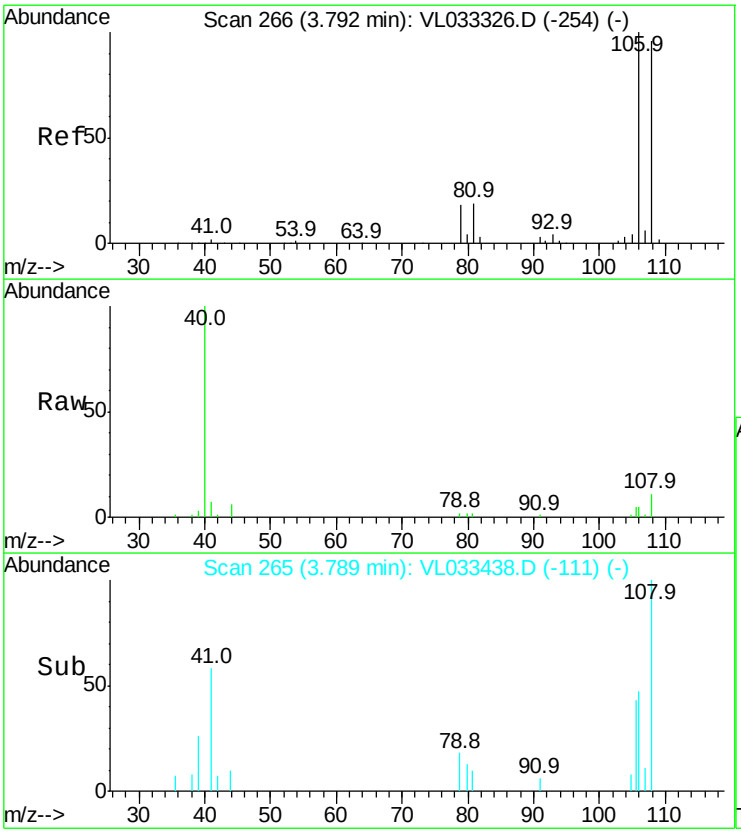
#13
Ethanol
Concen: 0.047 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 45 Resp: 855

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

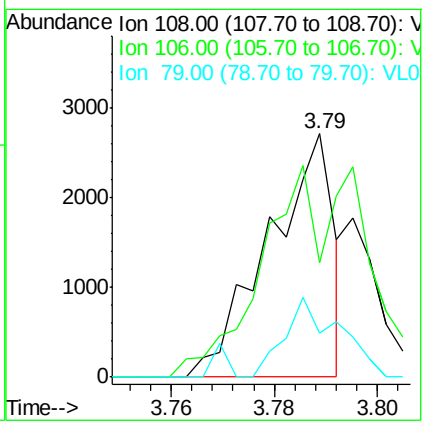


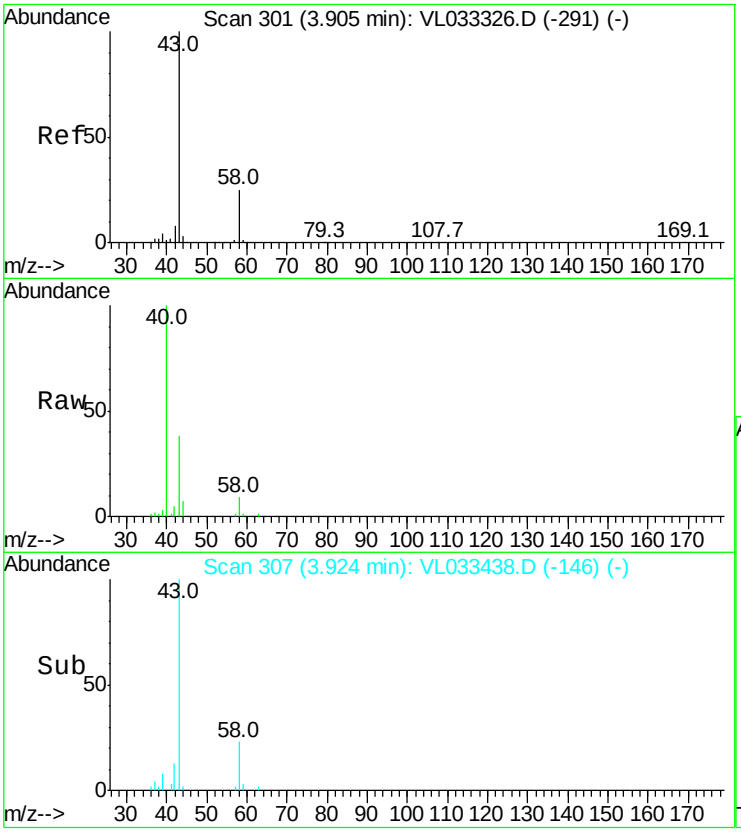


#14
Bromoethene
Concen: 0.065 ppbv
RT: 3.79 min Scan# 265
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:108 Resp: 2375

Ion	Ratio	Lower	Upper
108	100		
106	136.3	86.2	129.2#
79	30.5	15.4	23.2#



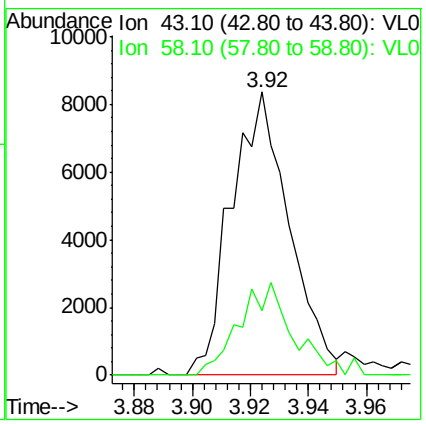


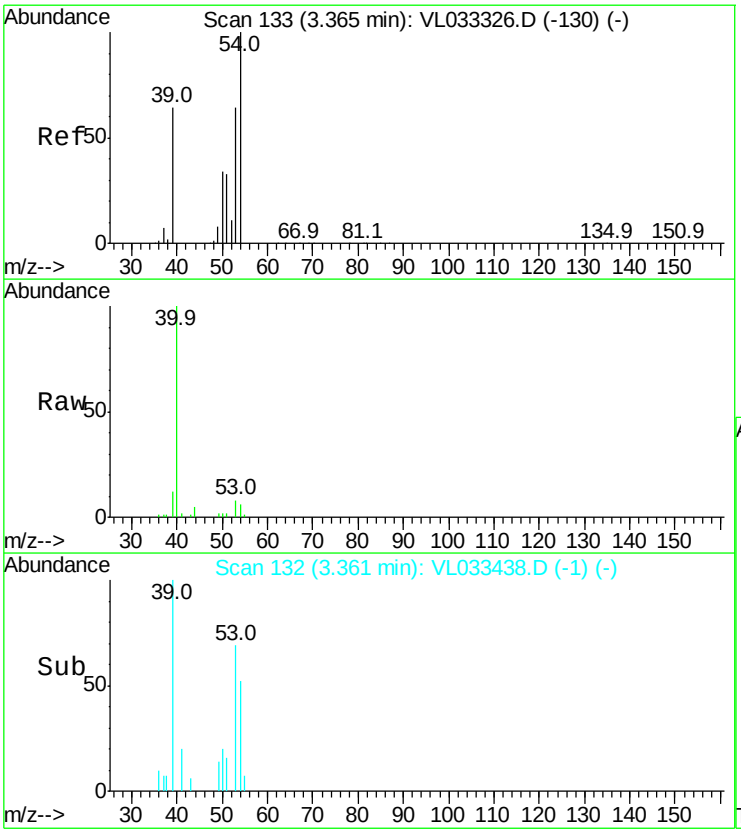
#15
Acetone
Concen: 0.099 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 11602

Ion	Ratio	Lower	Upper
43	100		
58	30.8	20.4	30.6#

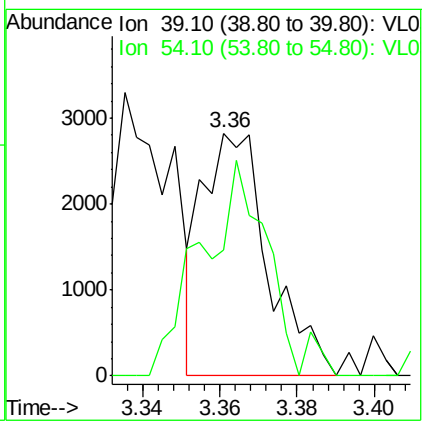


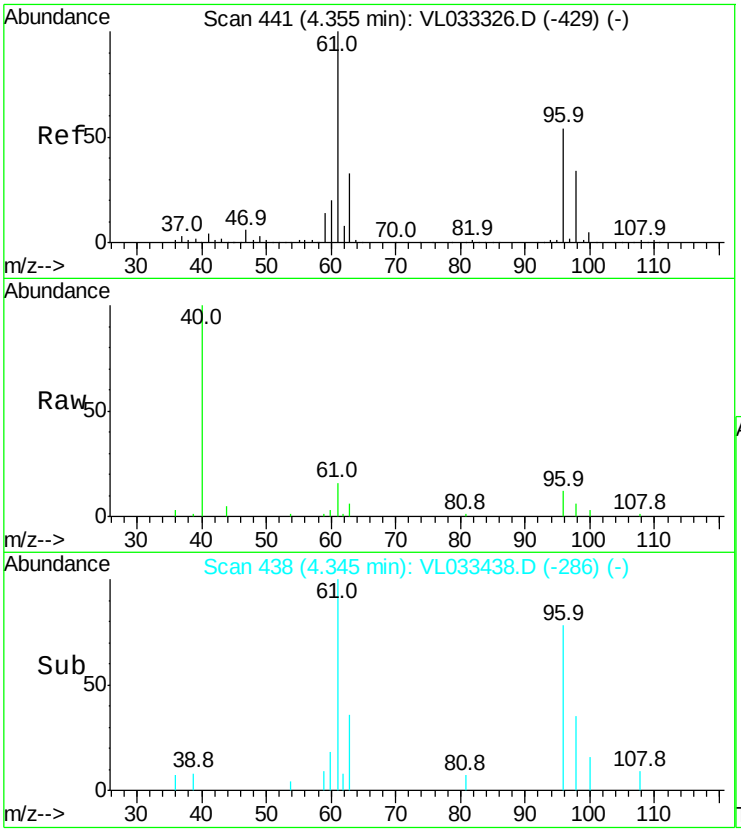


#16
1,3-Butadiene
Concen: 0.088 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 39 Resp: 3339

Ion	Ratio	Lower	Upper
39	100		
54	90.6	76.8	115.2



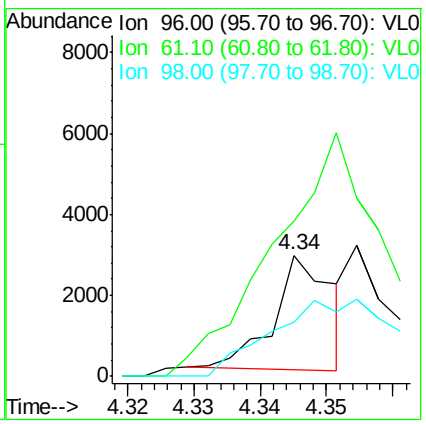


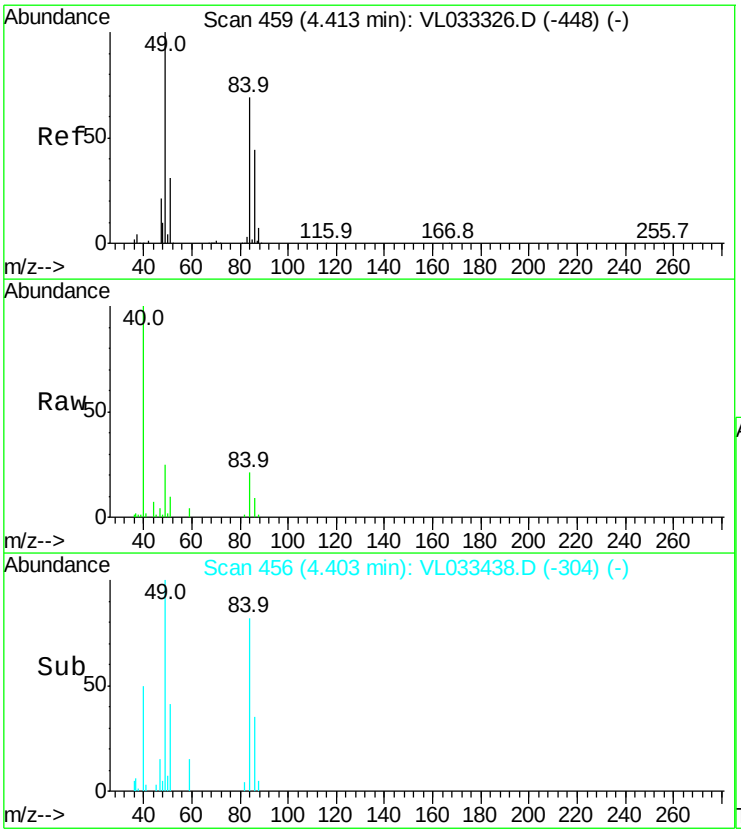
#18
1,1-Dichloroethene
Concen: 0.043 ppbv
RT: 4.34 min Scan# 438
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 1728

Ion	Ratio	Lower	Upper
96	100		
61	108.2	148.6	222.8#
98	48.8	50.3	75.5#

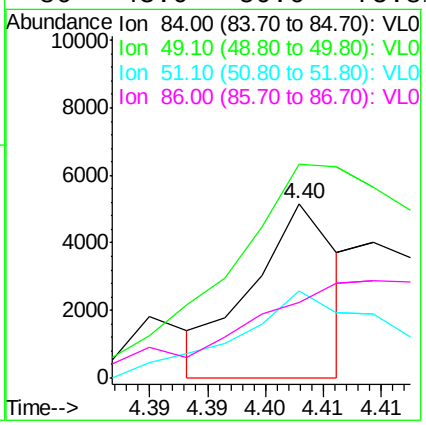


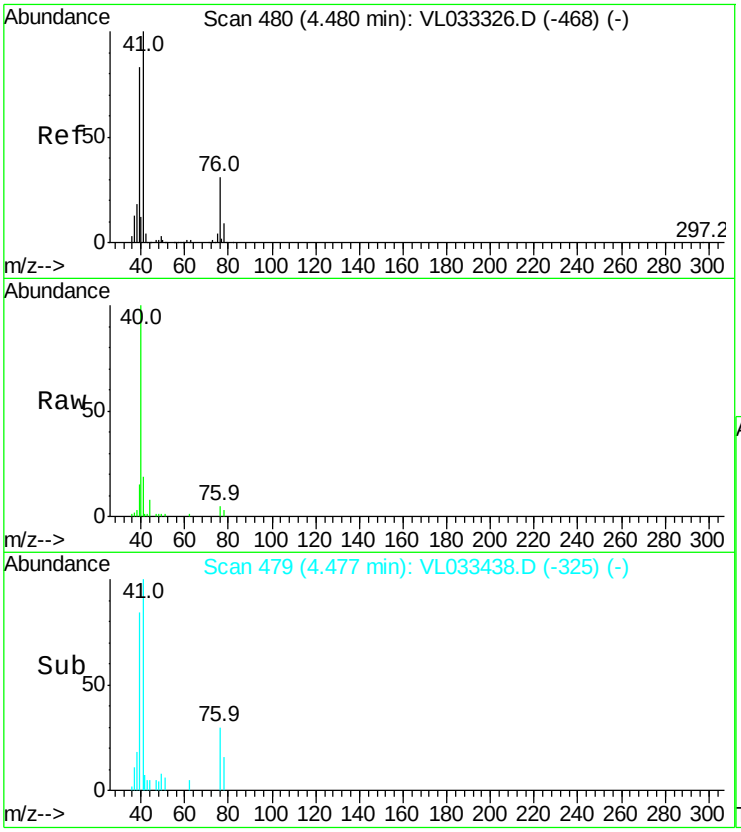


#20
Methylene Chloride
Concen: 0.069 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 84 Resp: 2641

Ion	Ratio	Lower	Upper
84	100		
49	123.1	115.4	173.0
51	49.7	35.8	53.6
86	43.0	50.6	75.8#



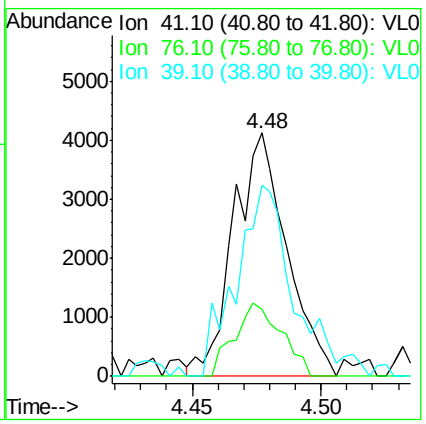


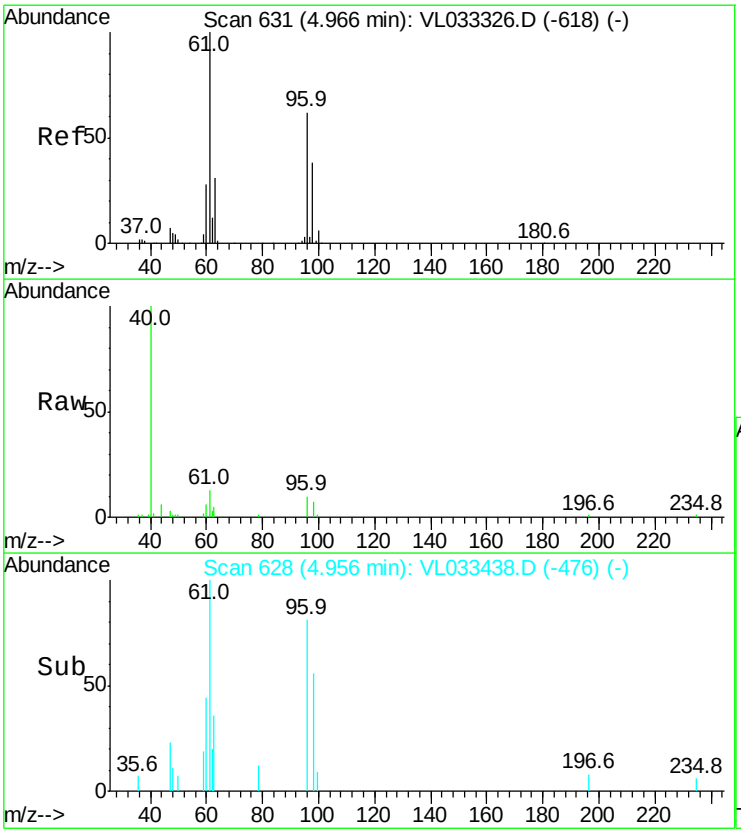
#21
Allyl Chloride
Concen: 0.105 ppbv
RT: 4.48 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 5960

Ion	Ratio	Lower	Upper
41	100		
76	26.5	25.0	37.4
39	89.1	65.9	98.9

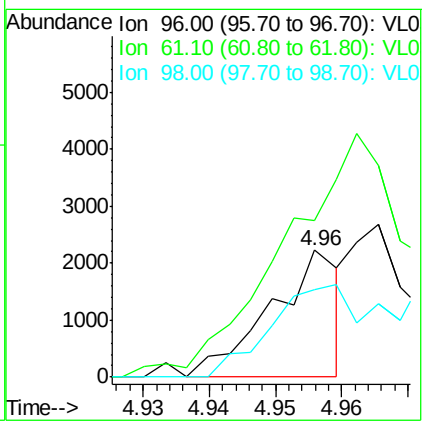


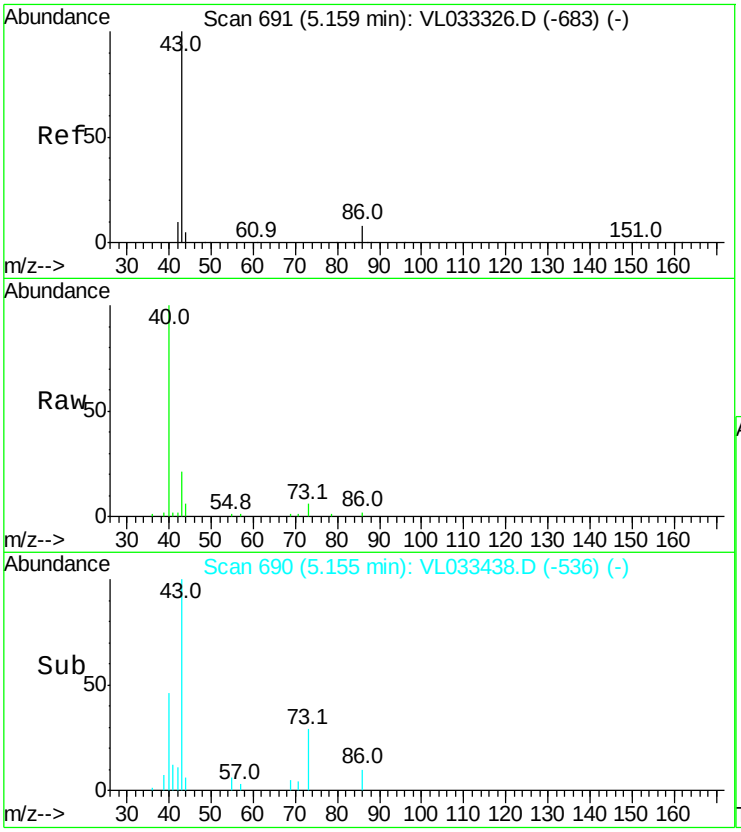


#22
trans-1,2-Dichloroethene
Concen: 0.042 ppbv
RT: 4.96 min Scan# 628
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 96 Resp: 1620

Ion	Ratio	Lower	Upper
96	100		
61	115.1	130.0	195.0#
98	69.1	50.0	75.0



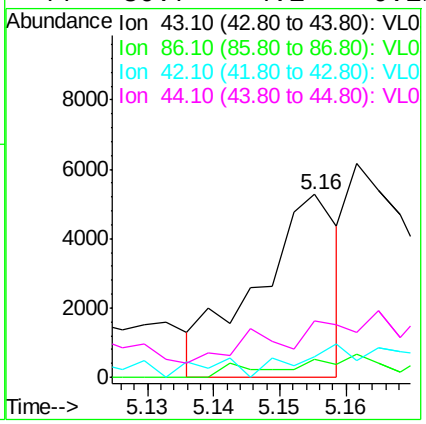


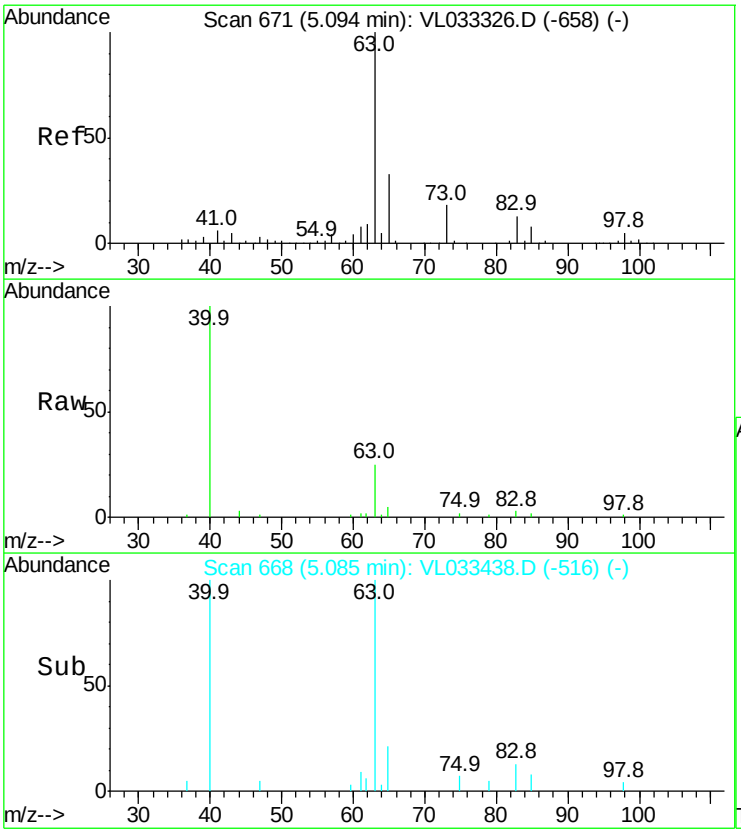
#23
Vinyl Acetate
Concen: 0.033 ppbv
RT: 5.16 min Scan# 690
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 4458

Ion	Ratio	Lower	Upper
43	100		
86	12.8	6.2	9.2#
42	3.3	8.1	12.1#
44	30.7	4.1	6.1#

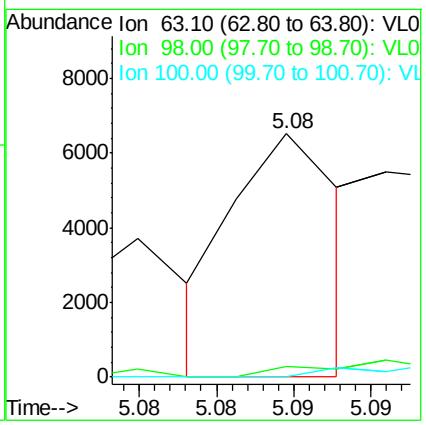


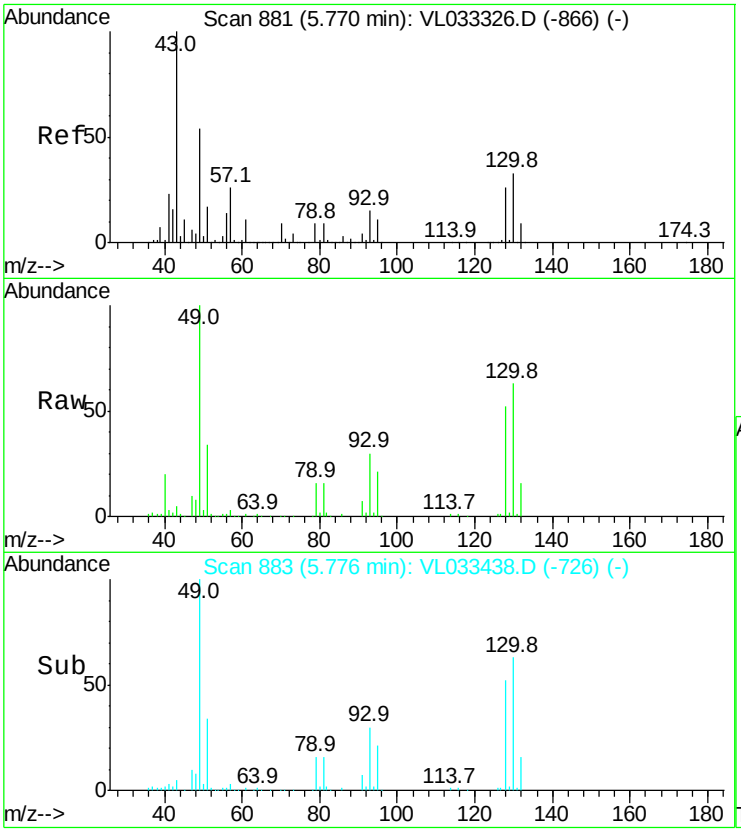


#24
1,1-Dichloroethane
Concen: 0.032 ppbv
RT: 5.08 min Scan# 668
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 63 Resp: 3162

Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.4	7.1#
100	0.0	1.3	3.8#



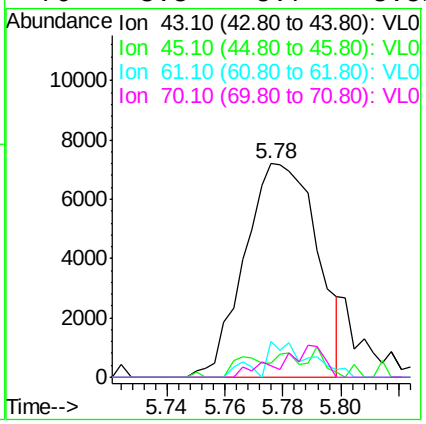


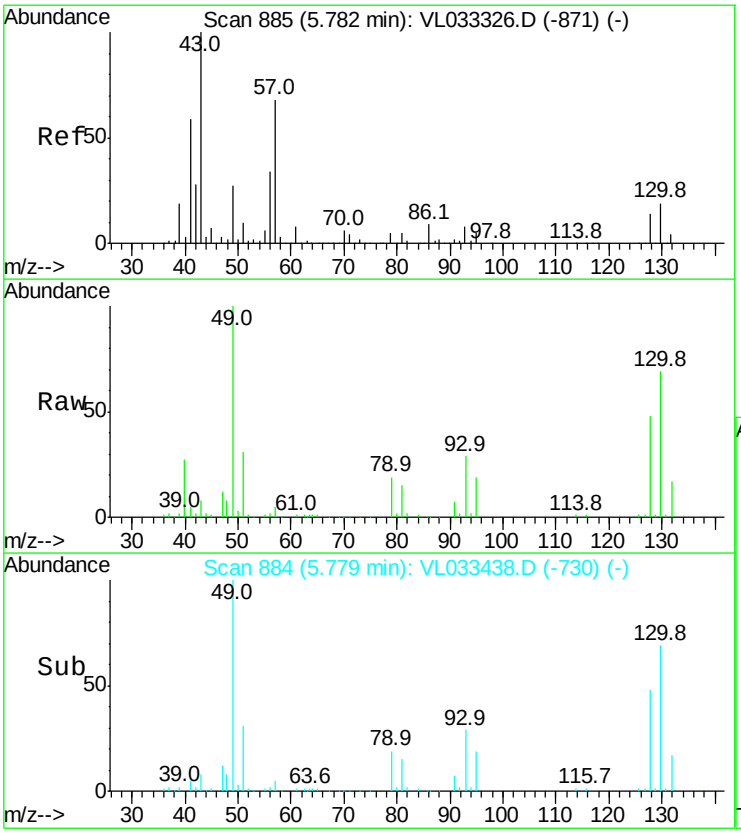
#25
Ethyl Acetate
Concen: 0.073 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 12486

Ion	Ratio	Lower	Upper
43	100		
45	11.6	7.9	11.9
61	11.3	7.4	11.2#
70	8.8	5.7	8.5#

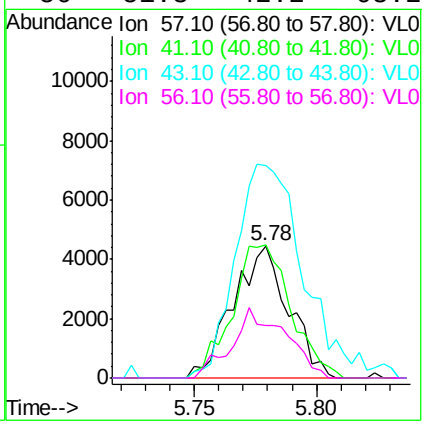


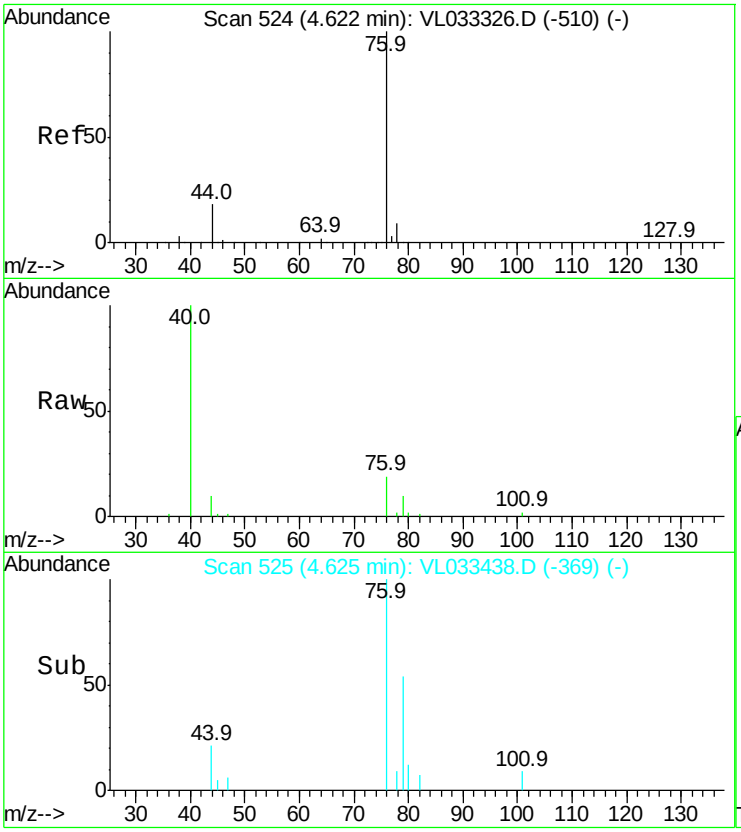


#26
Hexane
Concen: 0.093 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 57 Resp: 7052

Ion	Ratio	Lower	Upper
57	100		
41	105.6	70.5	105.7
43	200.5	181.8	272.8
56	51.3	42.2	63.2



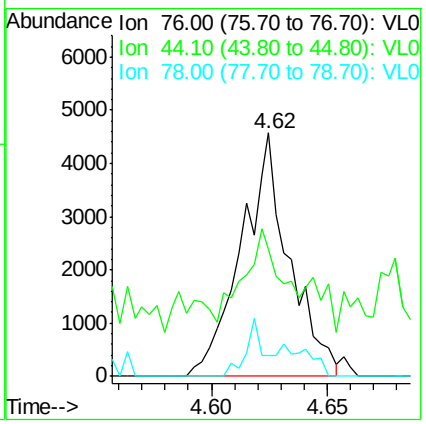


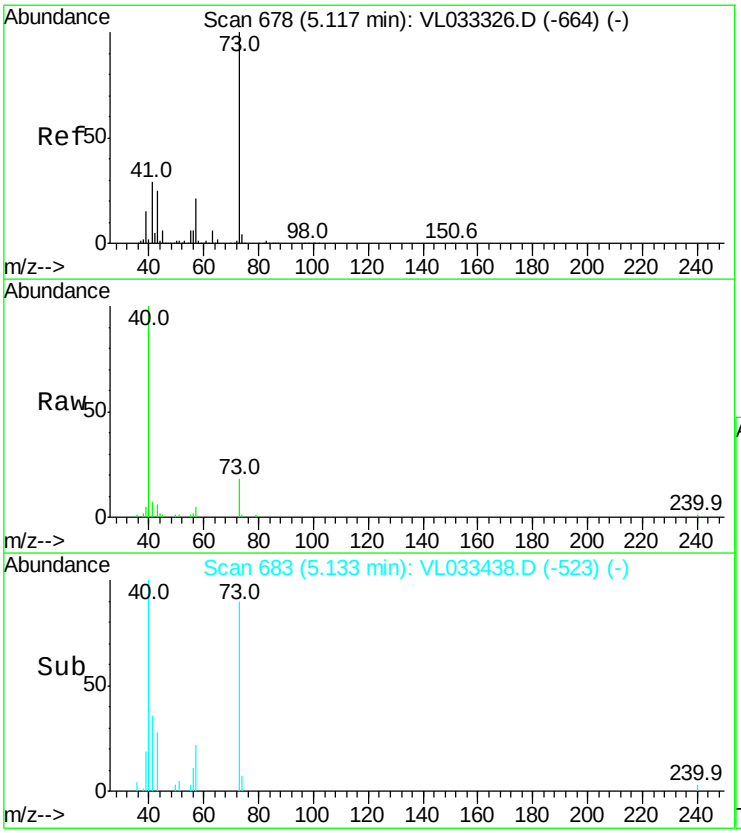
#27
Carbon Disulfide
Concen: 0.075 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 6572

Ion	Ratio	Lower	Upper
76	100		
44	59.0	15.2	22.8#
78	16.9	7.2	10.8#

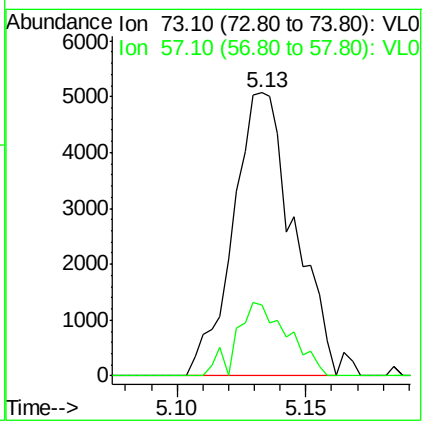


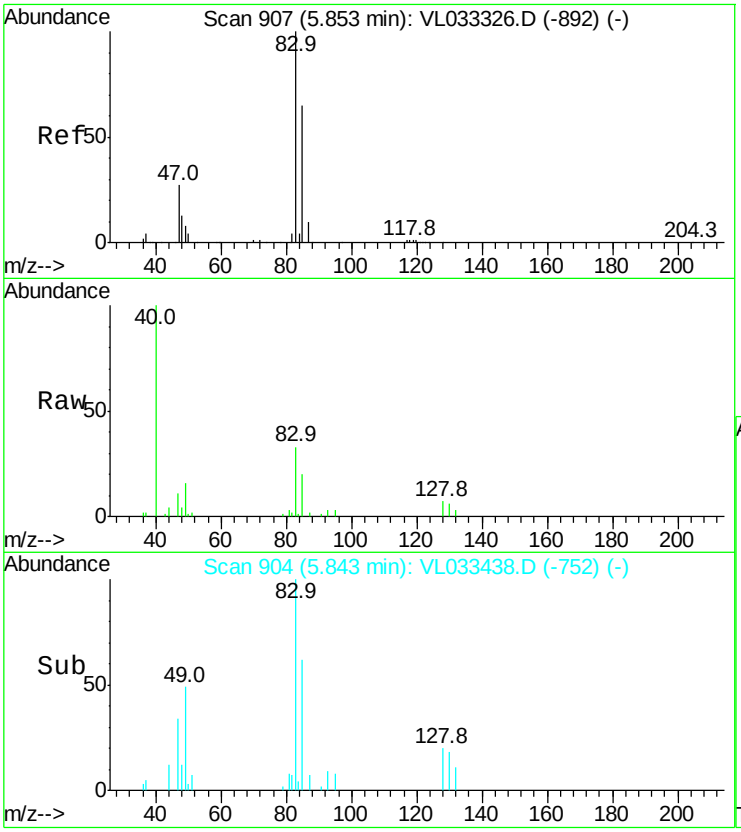


#28
Methyl tert-Butyl Ether
Concen: 0.074 ppbv
RT: 5.13 min Scan# 683
Delta R.T. 0.02 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 73 Resp: 8362

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.0



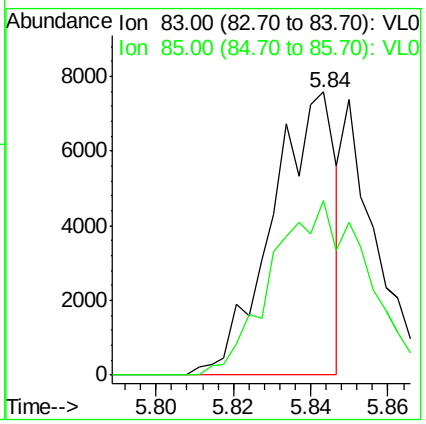


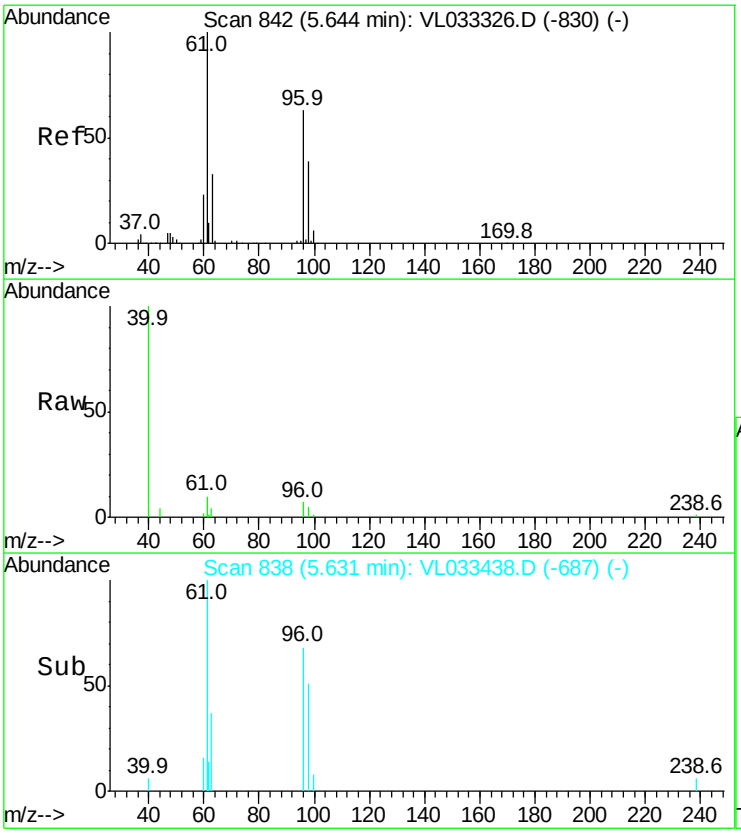
#29
Chloroform
Concen: 0.069 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 8552

Ion	Ratio	Lower	Upper
83	100		
85	59.4	52.0	78.0

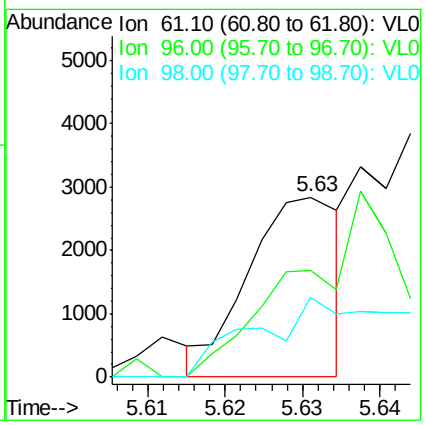


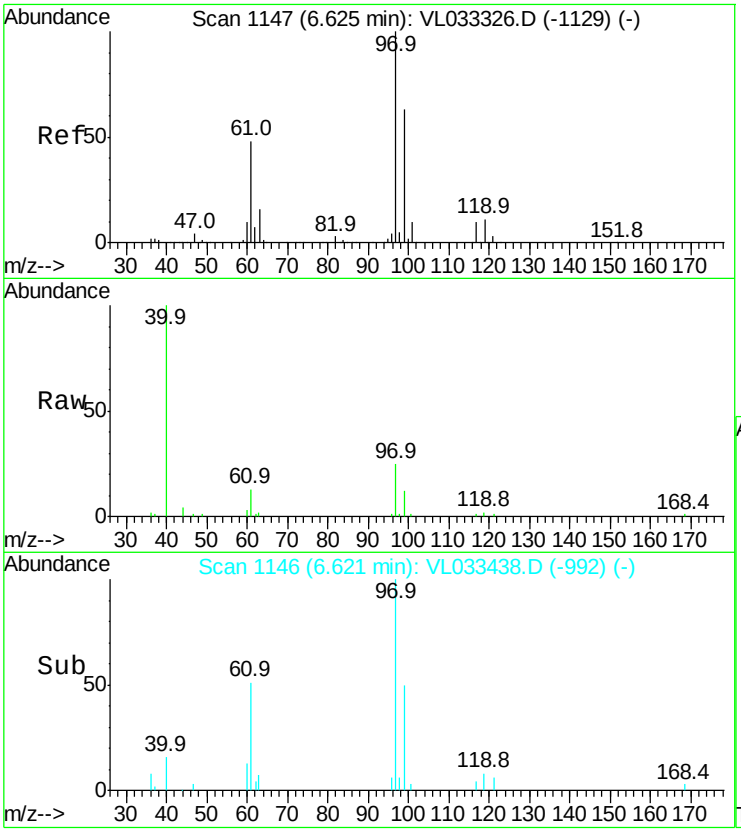


#31
cis-1,2-Dichloroethene
Concen: 0.031 ppbv
RT: 5.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 61 Resp: 2345

Ion	Ratio	Lower	Upper
61	100		
96	71.3	50.3	75.5
98	53.9	31.5	47.3#



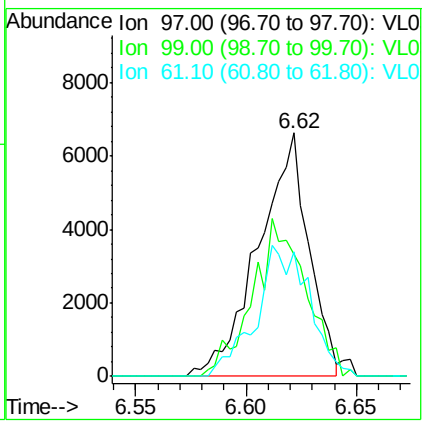


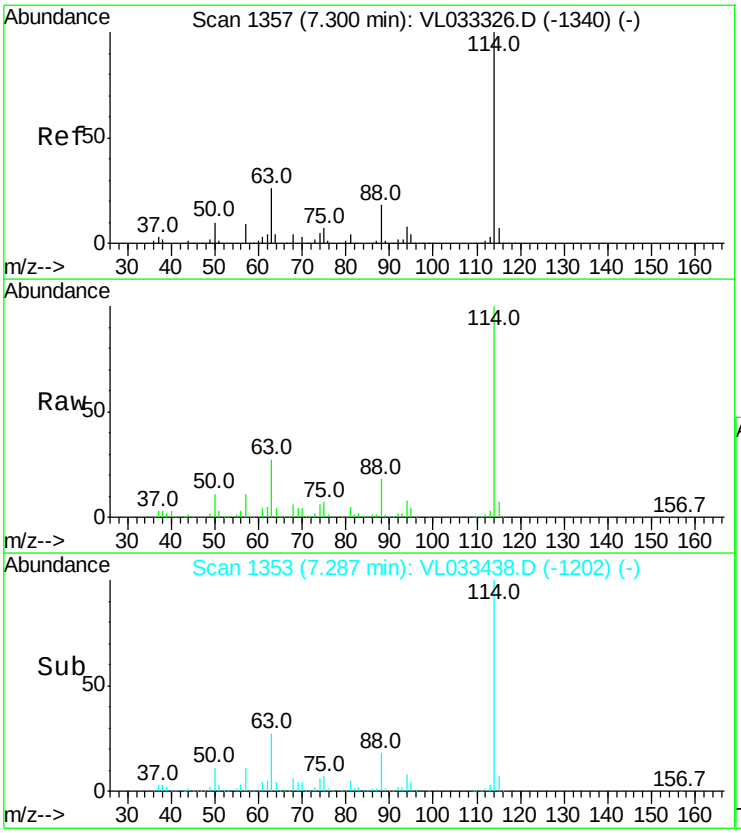
#32
1,1,1-Trichloroethane
Concen: 0.086 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 97 Resp: 10454

Ion	Ratio	Lower	Upper
97	100		
99	68.3	51.0	76.6
61	56.8	39.3	58.9

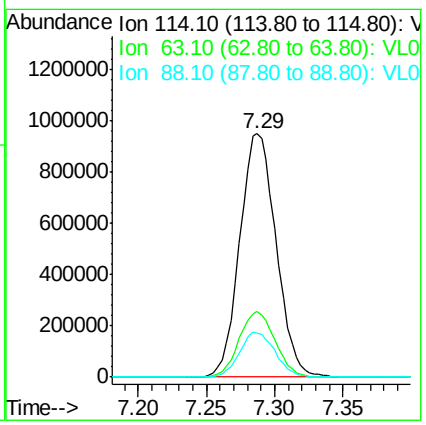


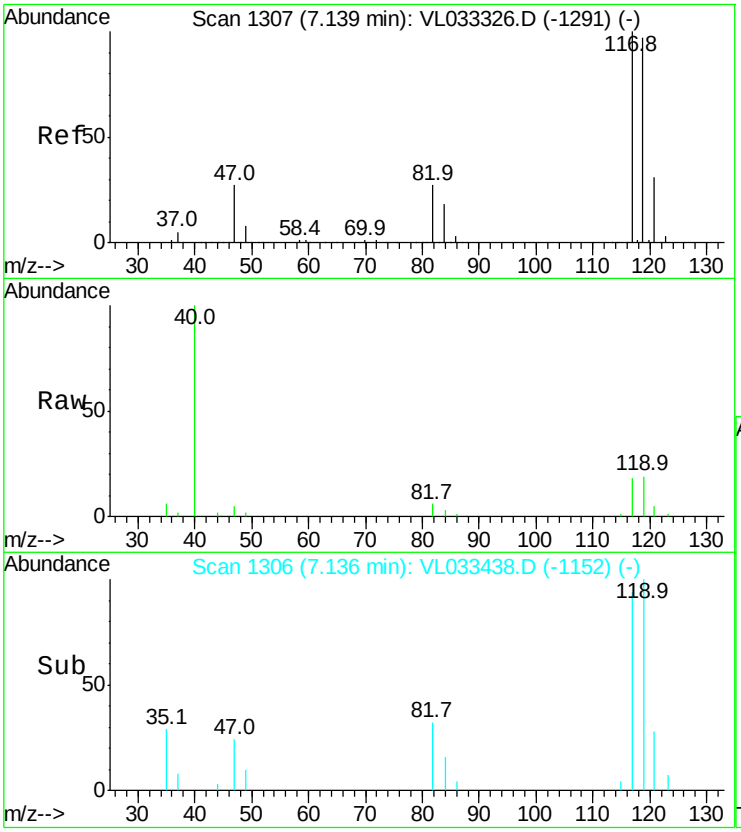


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:114 Resp: 1753281

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.4	32.2
88	18.2	14.5	21.7



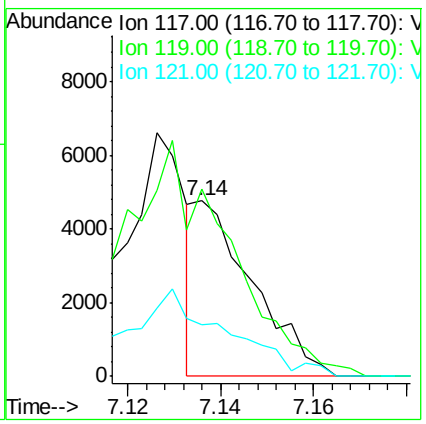


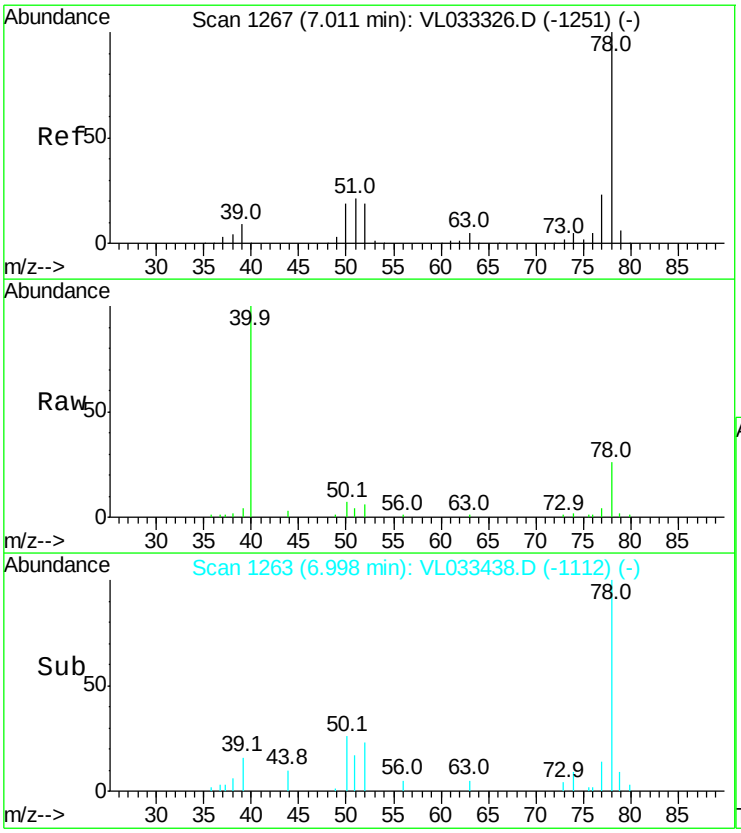
#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 4048

Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.4	116.0
121	29.5	24.9	37.3

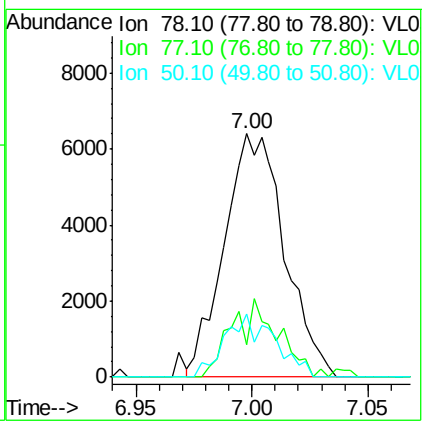


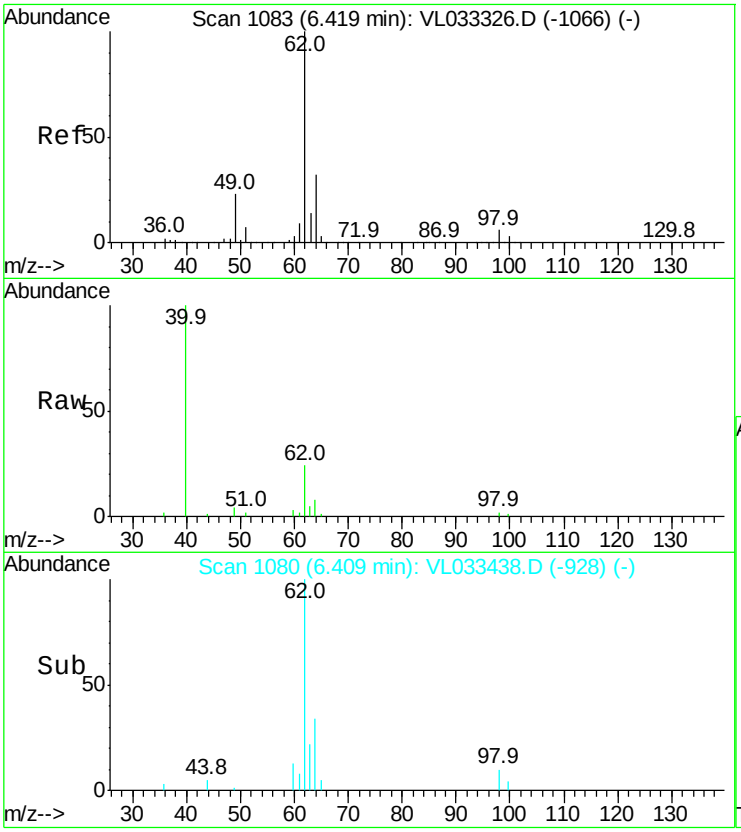


#36
Benzene
Concen: 0.074 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 78 Resp: 11552

Ion	Ratio	Lower	Upper
78	100		
77	12.4	18.1	27.1#
50	24.0	15.2	22.8#



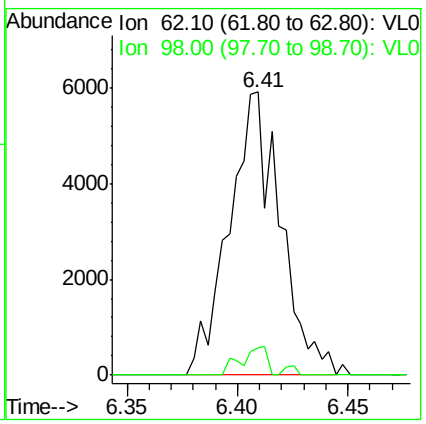


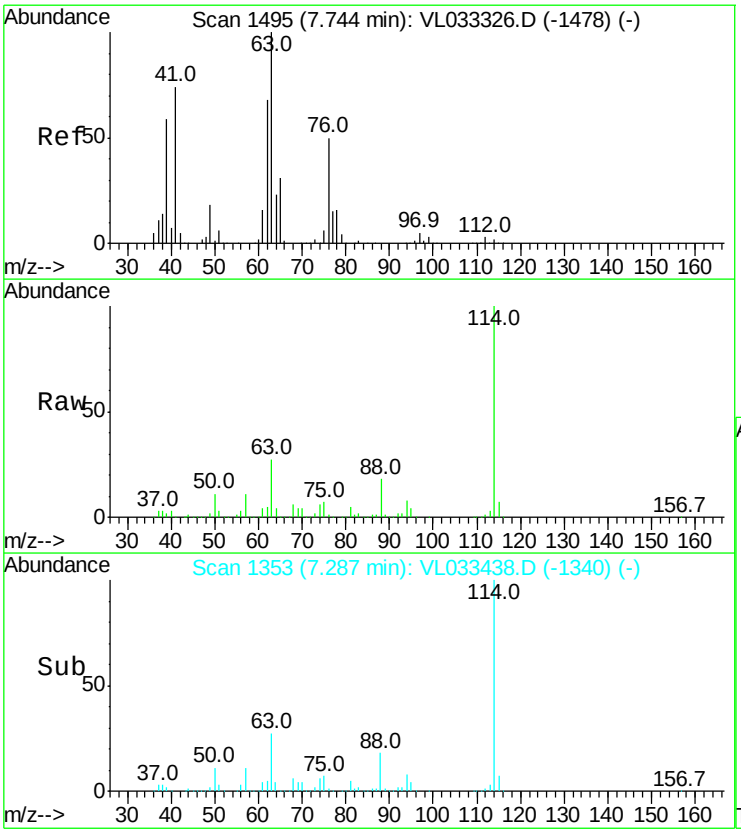
#37
1,2-Dichloroethane
Concen: 0.096 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 62 Resp: 9491

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.5	6.7

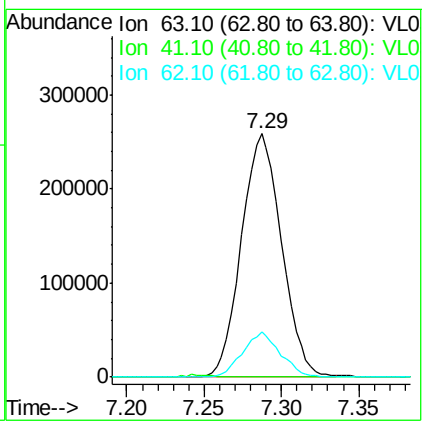


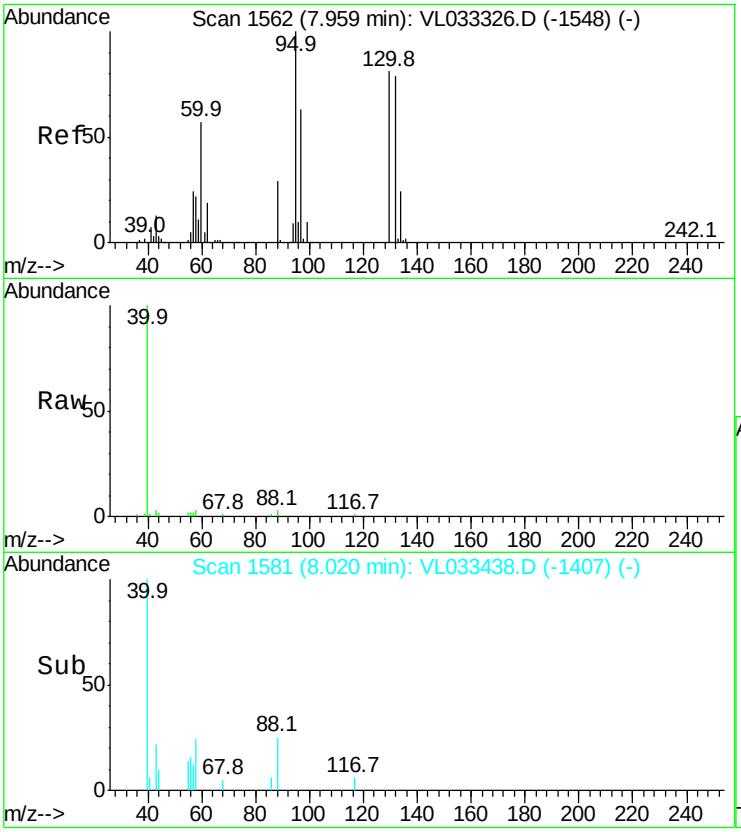


#39
1,2-Dichloropropane
Concen: 7.951 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.46 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 63 Resp: 467185

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.5	89.3#
62	18.4	54.7	82.1#



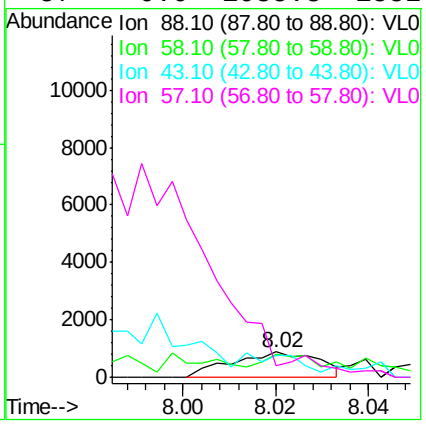


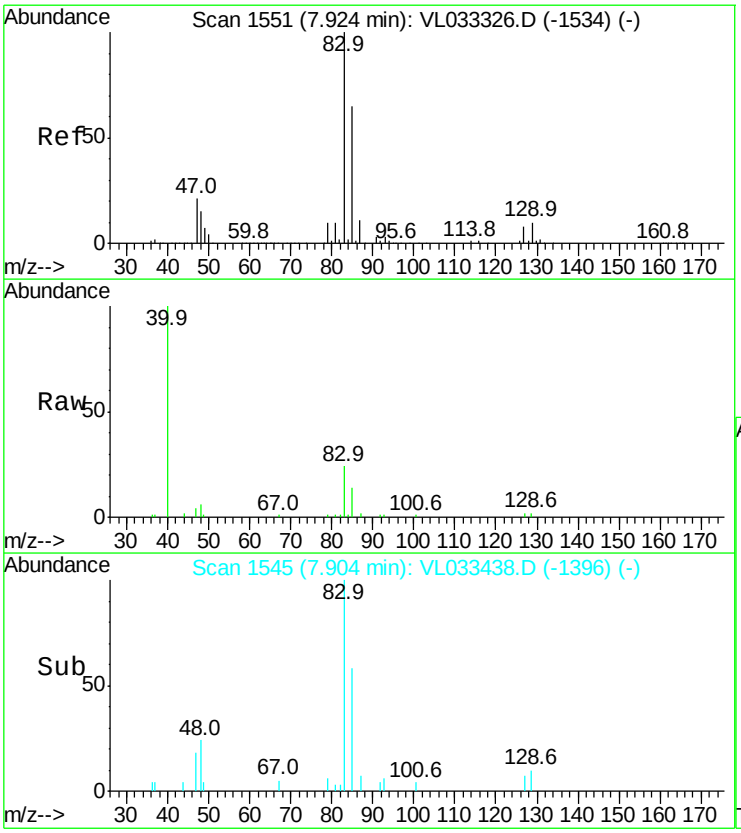
#40
1,4-Dioxane
Concen: 0.055 ppbv
RT: 8.02 min Scan# 1581
Delta R.T. 0.06 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 88 Resp: 1134

Ion	Ratio	Lower	Upper
88	100		
58	162.6	107.9	161.9#
43	0.0	230.8	346.2#
57	0.0	1035.3	1552.9#

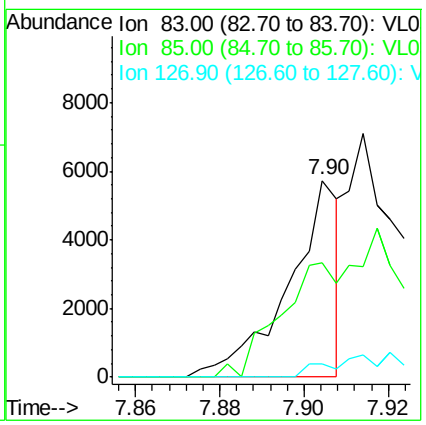


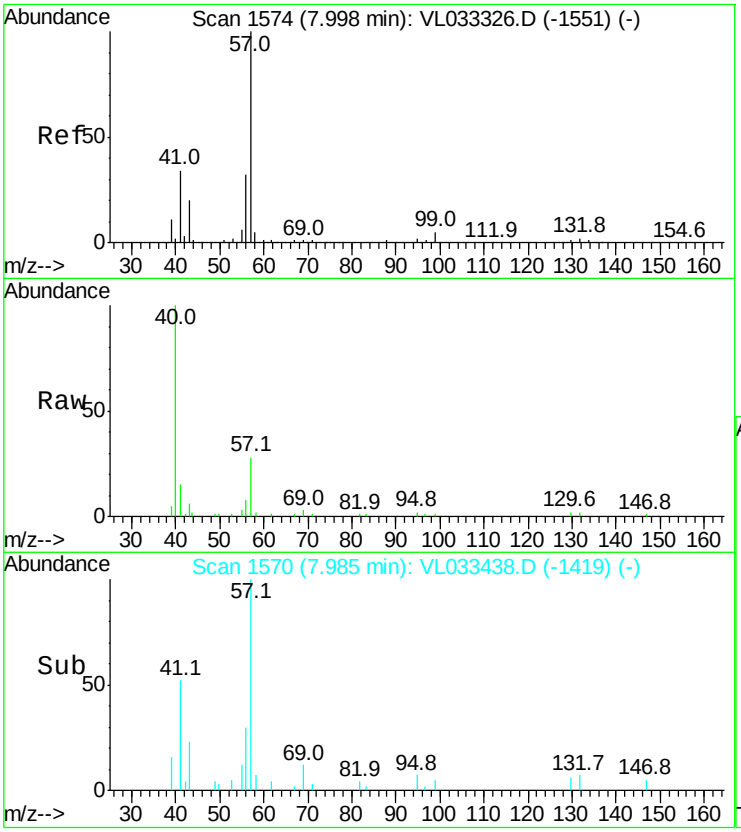


#42
Bromodichloromethane
Concen: 0.036 ppbv
RT: 7.90 min Scan# 1545
Delta R.T. -0.02 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 83 Resp: 4729

Ion	Ratio	Lower	Upper
83	100		
85	57.9	51.8	77.6
127	6.9	6.2	9.2



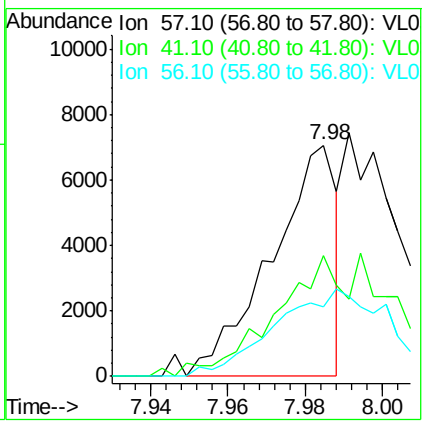


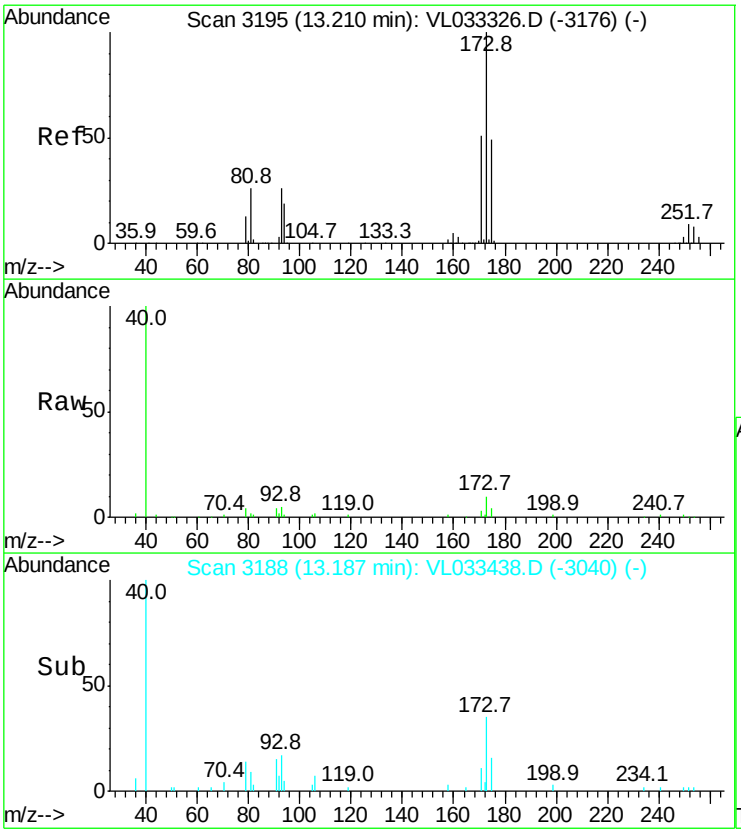
#44
2,2,4-Trimethylpentane
Concen: 0.032 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 8250

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.0	39.0#
56	0.0	24.6	36.8#

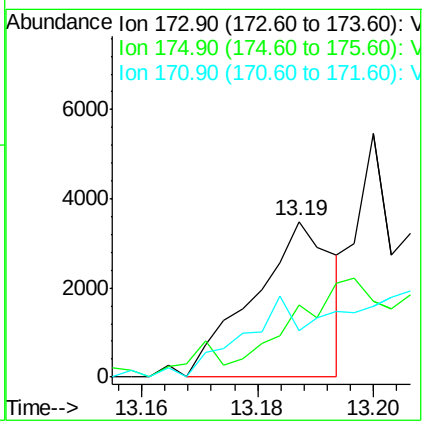


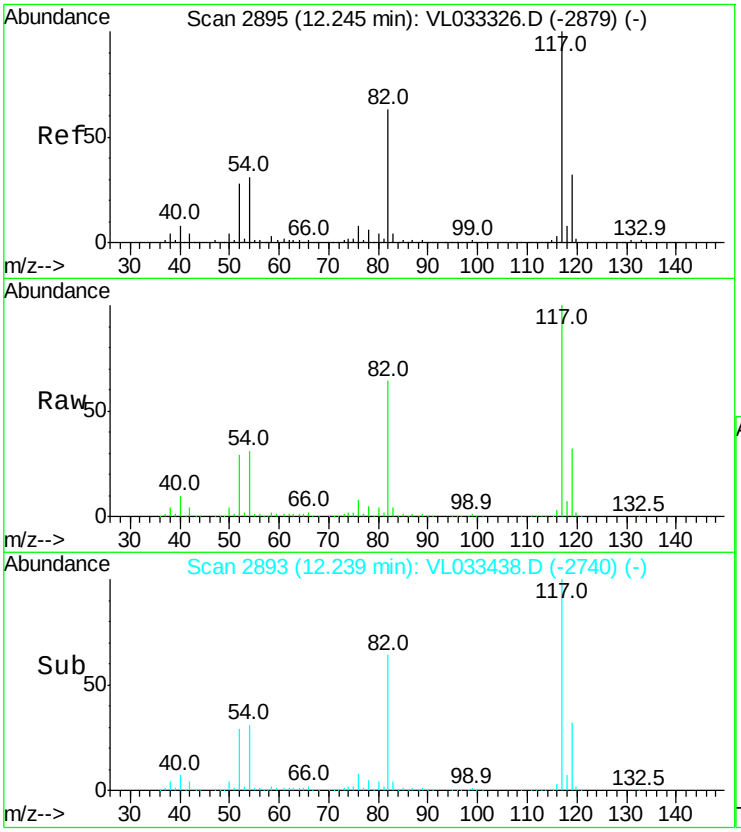


#49
Bromoform
Concen: 0.032 ppbv
RT: 13.19 min Scan# 3188
Delta R.T. -0.02 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:173 Resp: 3322

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.0	58.6#
171	0.0	41.7	62.5#



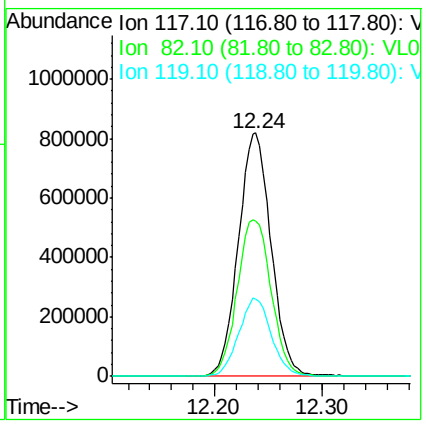


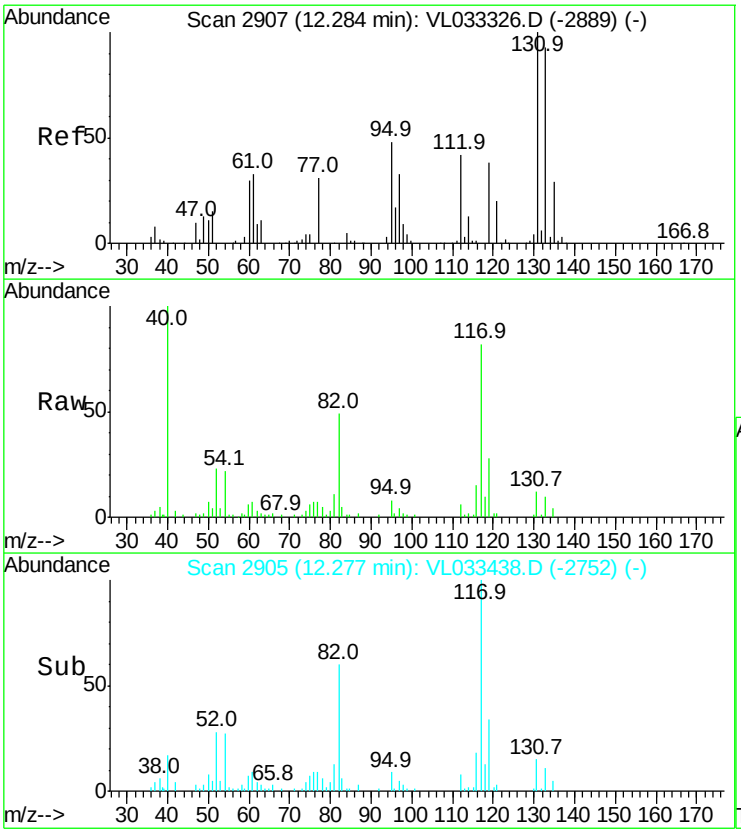
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 1728715

Ion	Ratio	Lower	Upper
117	100		
82	67.1	53.4	80.2
119	32.2	27.3	40.9

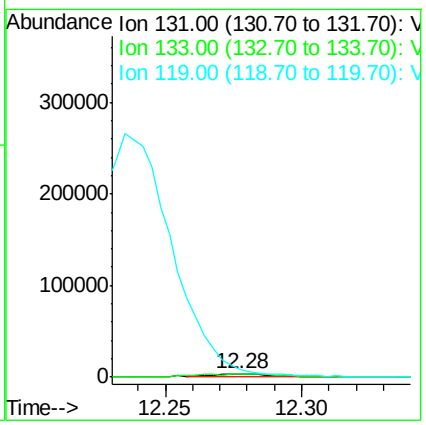


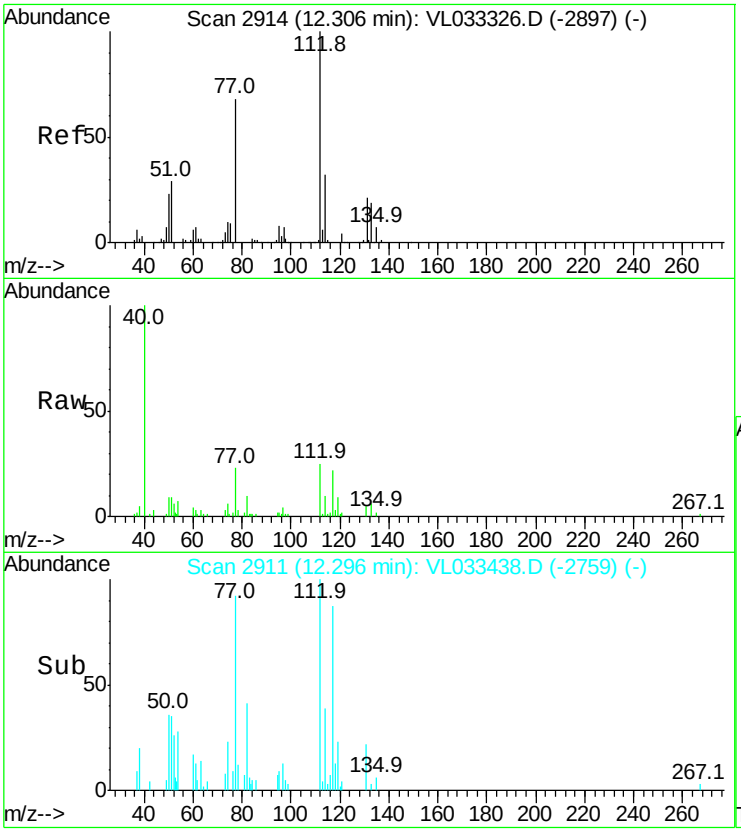


#56
1,1,1,2-Tetrachloroethane
Concen: 0.077 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:131 Resp: 5974

Ion	Ratio	Lower	Upper
131	100		
133	122.8	76.7	115.1#
119	0.0	40.3	60.5#



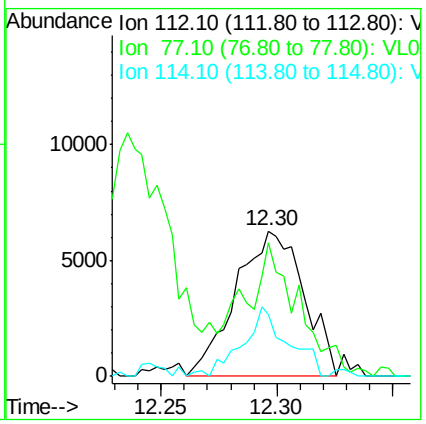


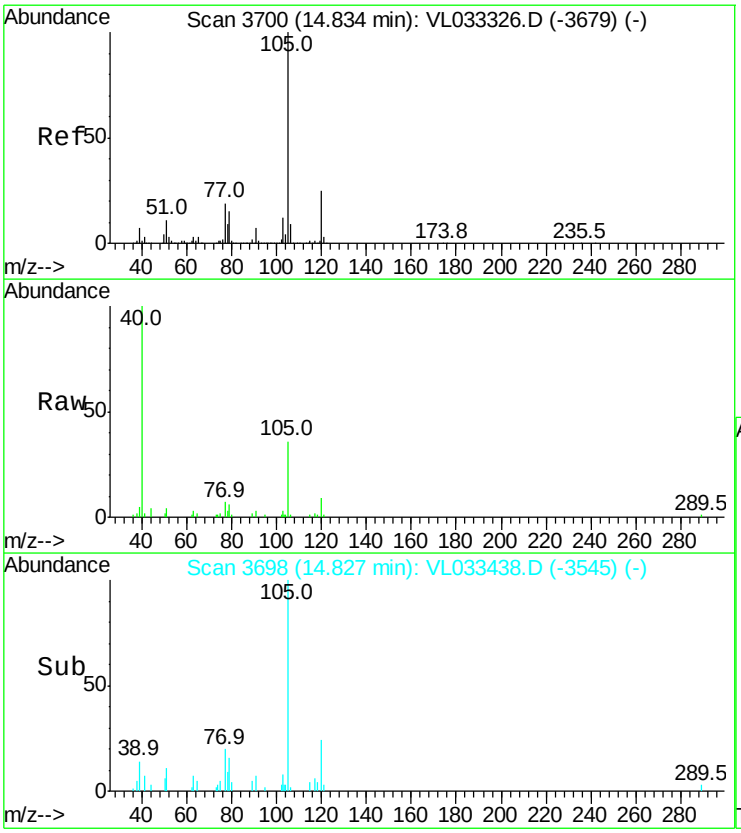
#57
Chlorobenzene
Concen: 0.093 ppbv
RT: 12.30 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 12771

Ion	Ratio	Lower	Upper
112	100		
77	67.5	55.8	83.6
114	40.6	28.6	35.0#

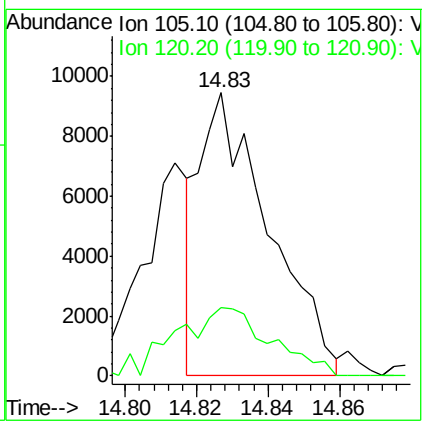


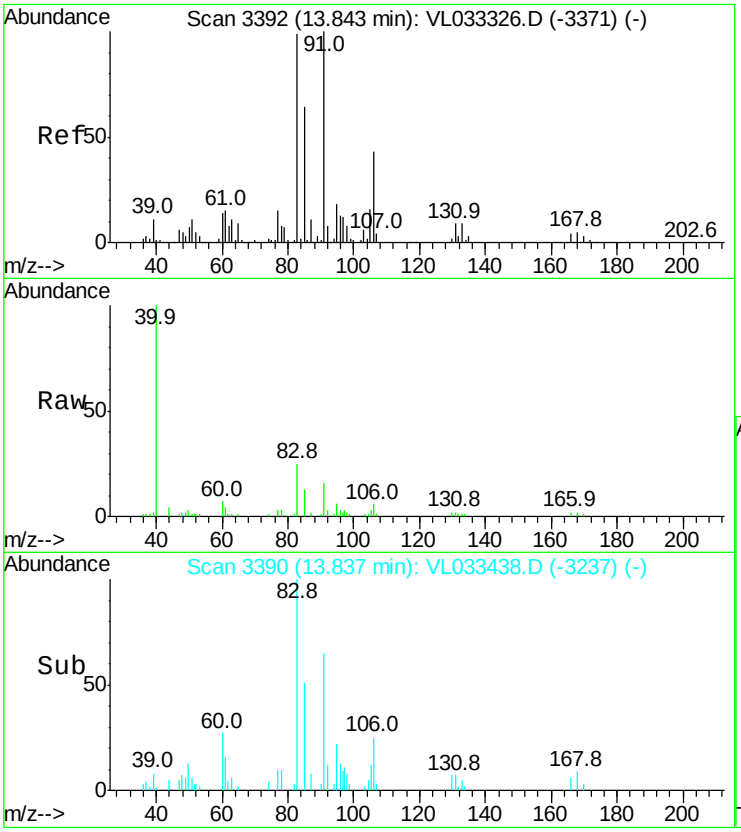


#62
Isopropylbenzene
Concen: 0.044 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:105 Resp: 12634

Ion	Ratio	Lower	Upper
105	100		
120	33.8	19.9	29.9#



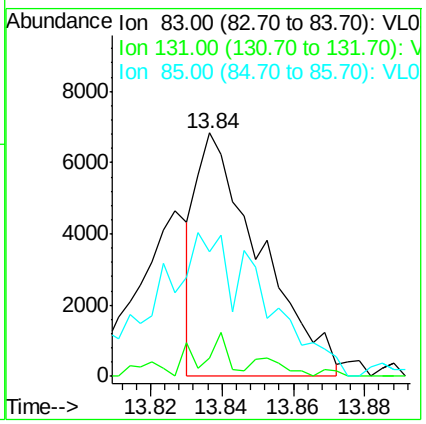


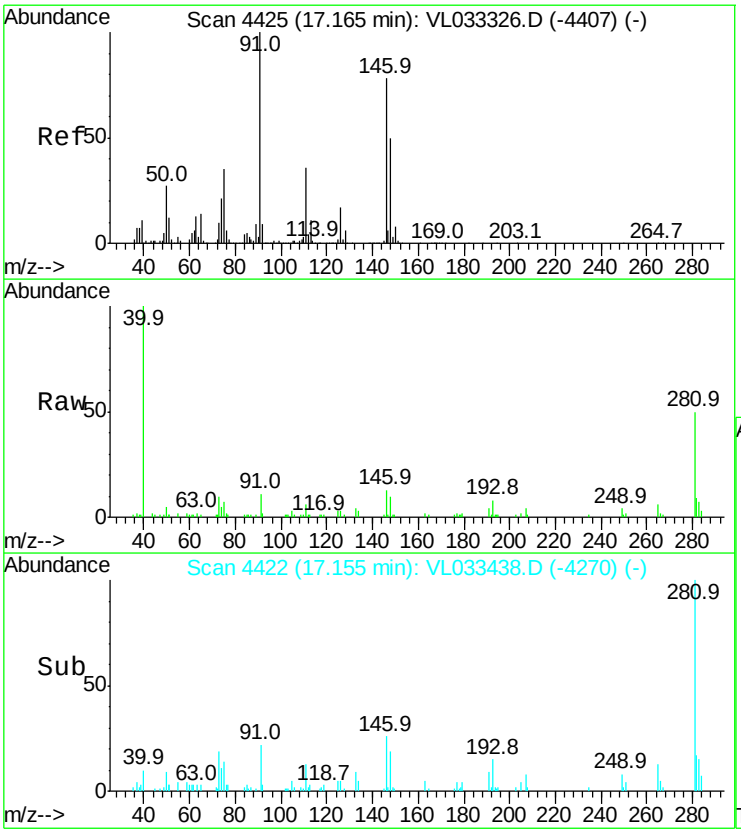
#63
1,1,2,2-Tetrachloroethane
Concen: 0.057 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 8442

Ion	Ratio	Lower	Upper
83	100		
131	14.9	4.7	14.0#
85	104.8	32.5	97.4#

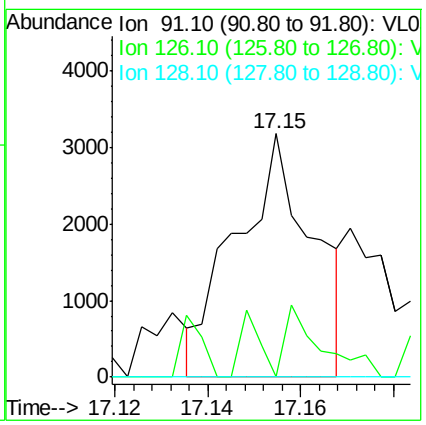


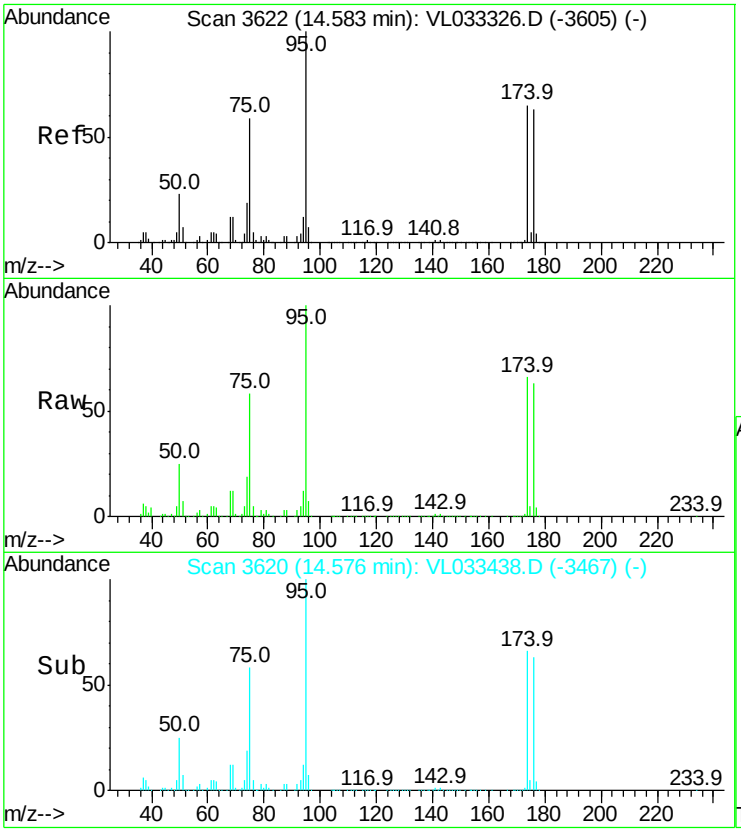


#66
Benzyl Chloride
Concen: 0.034 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 91 Resp: 3626

Ion	Ratio	Lower	Upper
91	100		
126	31.0	13.2	19.8#
128	0.0	4.2	6.4#



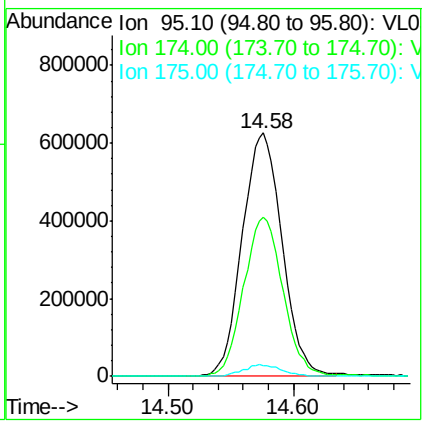


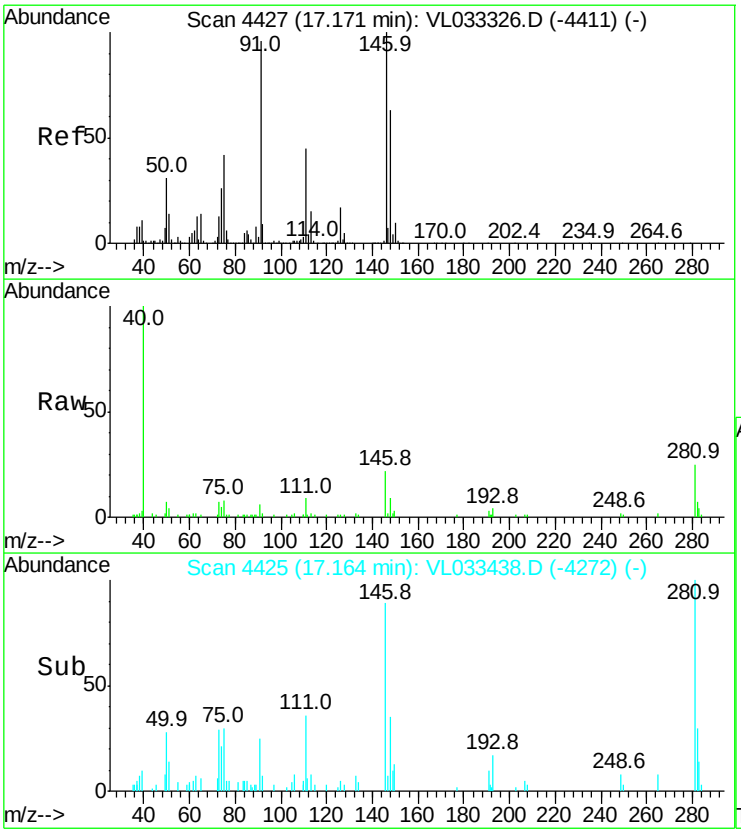
#68
1-Bromo-4-Fluorobenzene
Concen: 10.805 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 1384110

Ion	Ratio	Lower	Upper
95	100		
174	64.8	51.5	77.3
175	4.6	3.8	5.6

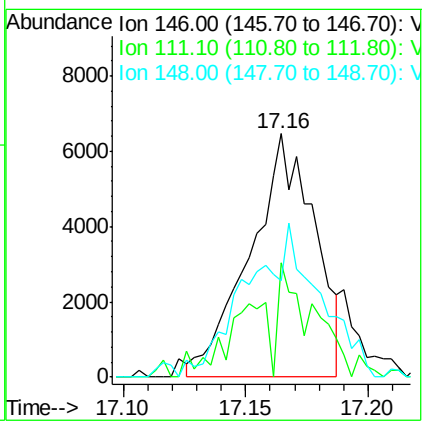


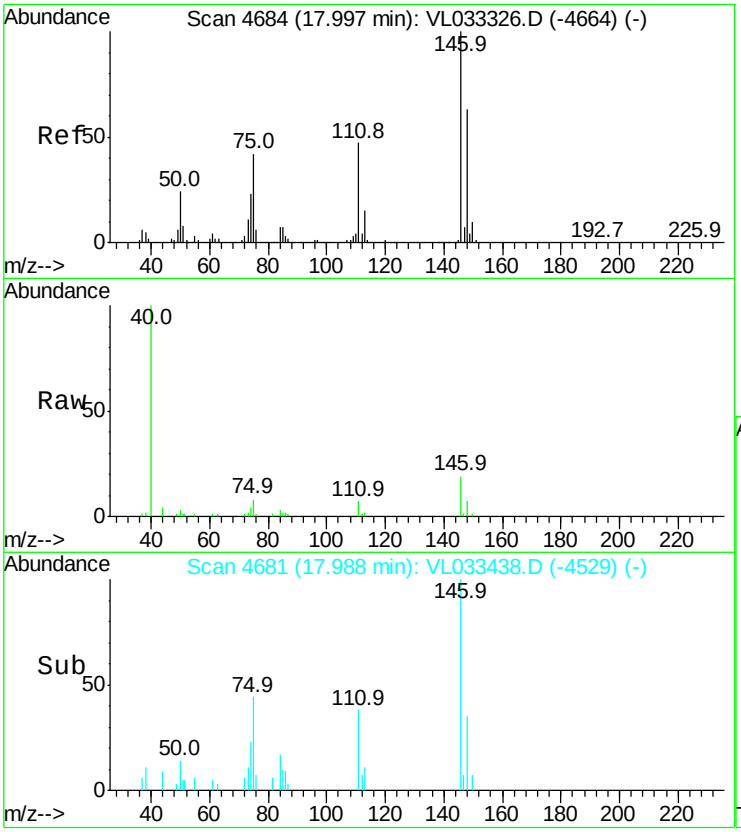


#75
1,3-Dichlorobenzene
Concen: 0.083 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:146 Resp: 11814

Ion	Ratio	Lower	Upper
146	100		
111	48.2	22.8	68.3
148	73.7	31.9	95.7



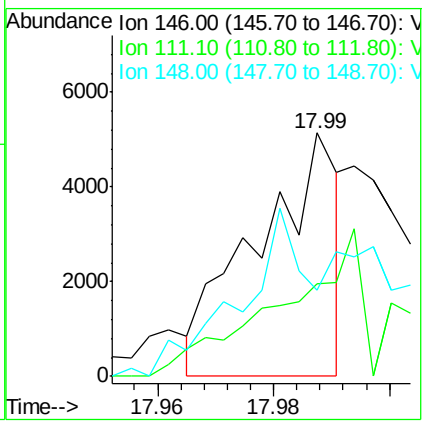


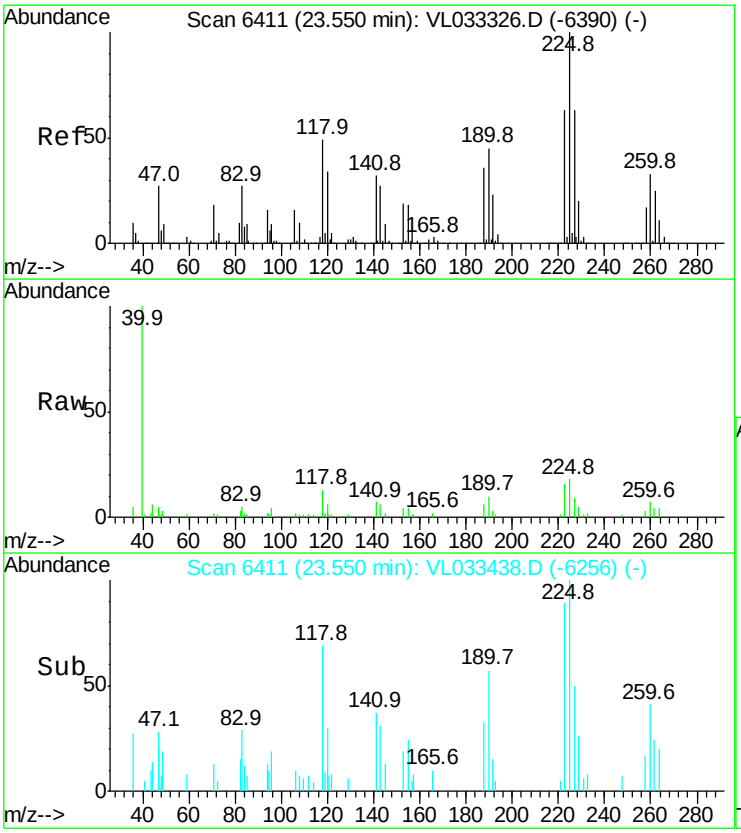
#77
1,2-Dichlorobenzene
Concen: 0.037 ppbv
RT: 17.99 min Scan# 4681
Delta R.T. -0.01 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 4998

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.5	70.6#
148	139.1	31.9	95.9#





#78
Hexachloro-1,3-Butadiene
Concen: 0.080 ppbv
RT: 23.55 min Scan# 6411
Delta R.T. -0.00 min
Lab File: VL033438.D
Acq: 25 Mar 2019 13:03

Tgt Ion:225 Resp: 6399

Ion	Ratio	Lower	Upper
225	100		
223	103.2	50.4	75.6#
227	89.4	50.5	75.7#