Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031319\

Quantitation Report (Not Reviewed)

Data File : VL033303.D
Acq On : 13 Mar 2019 19:05
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 13 20:12:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 17:31:13 2019
QLast Update : Wed Mar 13 17:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	761926	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1728279	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1903887	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1507924	10.26	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	20274	0.132	ppbv		95
3) Chlorodifluoromethane	3.01	51	12061	0.119	ppbv	#	91
4) Chloromethane	3.17	50	6735	0.125	ppbv		96
5) Vinyl Chloride	3.29	62	5562	0.105	ppbv		91
6) Bromomethane	3.51	94	3633	0.113	ppbv	#	67
7) Chloroethane	3.61	64	2202	0.115	ppbv	#	84
8) Dichlorotetrafluoroethane	3.23	85	15025	0.116	ppbv		99
9) Propene	3.04	41	5646	0.123	ppbv		99
10) Heptane	8.24	43	4462	0.043	ppbv	#	2
11) Trichlorofluoromethane	4.01	101	16559	0.109	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.55	101	11255	0.129	ppbv		94
13) Ethanol	3.65	45	305	0.022	ppbv	#	38
14) Bromoethene	3.79	108	2062	0.051	ppbv	#	1
15) Acetone	3.92	43	19225	0.164	ppbv		92
16) 1,3-Butadiene	3.35	39	1102	0.026	ppbv	#	7
18) 1,1-Dichloroethene	4.35	96	3962	0.103	ppbv	#	74
19) Isopropyl Alcohol	4.05	45	3528	0.050	ppbv	#	95
20) Methylene Chloride	4.41	84	9483	0.244	ppbv	#	81
21) Allyl Chloride	4.47	41	3490	0.060	ppbv	#	19
22) trans-1,2-Dichloroethene	4.96	96	5087	0.124	ppbv	#	65
23) Vinyl Acetate	5.16	43	7051	0.048	ppbv	#	88
24) 1,1-Dichloroethane	5.09	63	11389	0.107	ppbv	#	89
25) Ethyl Acetate	5.78	43	8664	0.048	ppbv	#	75
26) Hexane	5.79	57	4080	0.048	ppbv	#	1
27) Carbon Disulfide	4.62	76	4285	0.048	ppbv	#	64
29) Chloroform	5.84	83	15211	0.118	ppbv		87
30) Cyclohexane	7.24	84	2096	0.032	ppbv	#	1
31) cis-1,2-Dichloroethene	5.64	61	5230	0.065	ppbv		92
32) 1,1,1-Trichloroethane	6.61	97	8794	0.070	ppbv	#	52
35) Carbon Tetrachloride	7.13	117	5993	0.047	ppbv		86
36) Benzene	7.00	78	7316	0.046	ppbv	#	87
37) 1,2-Dichloroethane	6.41	62	7725	0.081	ppbv	#	84
38) Trichloroethene	7.96	130	2625	0.042	ppbv	#	35
39) 1,2-Dichloropropane	7.73	63	6944	0.116	ppbv	#	68
42) Bromodichloromethane	7.91	83	13141	0.100	ppbv	#	91
43) Methyl Methacrylate	8.14	69	1361	0.022	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.99	57	15214	0.056	ppbv	#	43
46) cis-1,3-Dichloropropene	8.82	75	2140	0.024	ppbv		97
47) 1,1,2-Trichloroethane	9.61	97	2220	0.035	ppbv	#	71
48) Dibromochloromethane	10.44	129	5405	0.051	ppbv	#	33
49) Bromoform	13.19	173	1715	0.020	ppbv	#	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031319\

Quantitation Report (Not Reviewed)

Data File : VL033303.D
Acq On : 13 Mar 2019 19:05
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 13 20:12:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 17:31:13 2019
QLast Update : Wed Mar 13 17:31:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 4-Methyl-2-Pentanone	8.90	43	9255	0.057	ppbv	#	40
52) Tetrachloroethene	11.37	164	2982	0.051	ppbv	#	79
53) Toluene	9.94	91	8828	0.048	ppbv	#	21
56) 1,1,1,2-Tetrachloroethane	12.28	131	5804	0.072	ppbv	#	27
59) m/p-Xylene	13.14	91	11924	0.054	ppbv	#	100
60) o-Xylene	13.84	91	9486	0.045	ppbv	#	31
61) Styrene	13.68	104	10390	0.069	ppbv		91
62) Isopropylbenzene	14.82	105	16405	0.056	ppbv	#	65
63) 1,1,2,2-Tetrachloroethane	13.83	83	5119	0.036	ppbv	#	25
64) n-propylbenzene	15.72	120	2710	0.038	ppbv	#	1
65) tert-Butylbenzene	16.91	119	7920	0.032	ppbv	#	17
66) Benzyl Chloride	17.15	91	1947	0.020	ppbv	#	23
67) sec-Butylbenzene	17.46	105	19666	0.056	ppbv	#	60
69) p-Isopropyltoluene	17.81	119	6281	0.022	ppbv	#	47
70) n-Butylbenzene	18.72	91	22225	0.073	ppbv		96
72) 4-Ethyltoluene	16.00	105	6851	0.030	ppbv	#	38
74) 1,2,4-Trimethylbenzene	16.92	105	8256	0.038	ppbv	#	86
75) 1,3-Dichlorobenzene	17.16	146	5090	0.039	ppbv	#	1
76) 1,4-Dichlorobenzene	17.31	146	6808	0.053	ppbv	#	24
78) Hexachloro-1,3-Butadiene	23.54	225	6353	0.059	ppbv	#	15

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

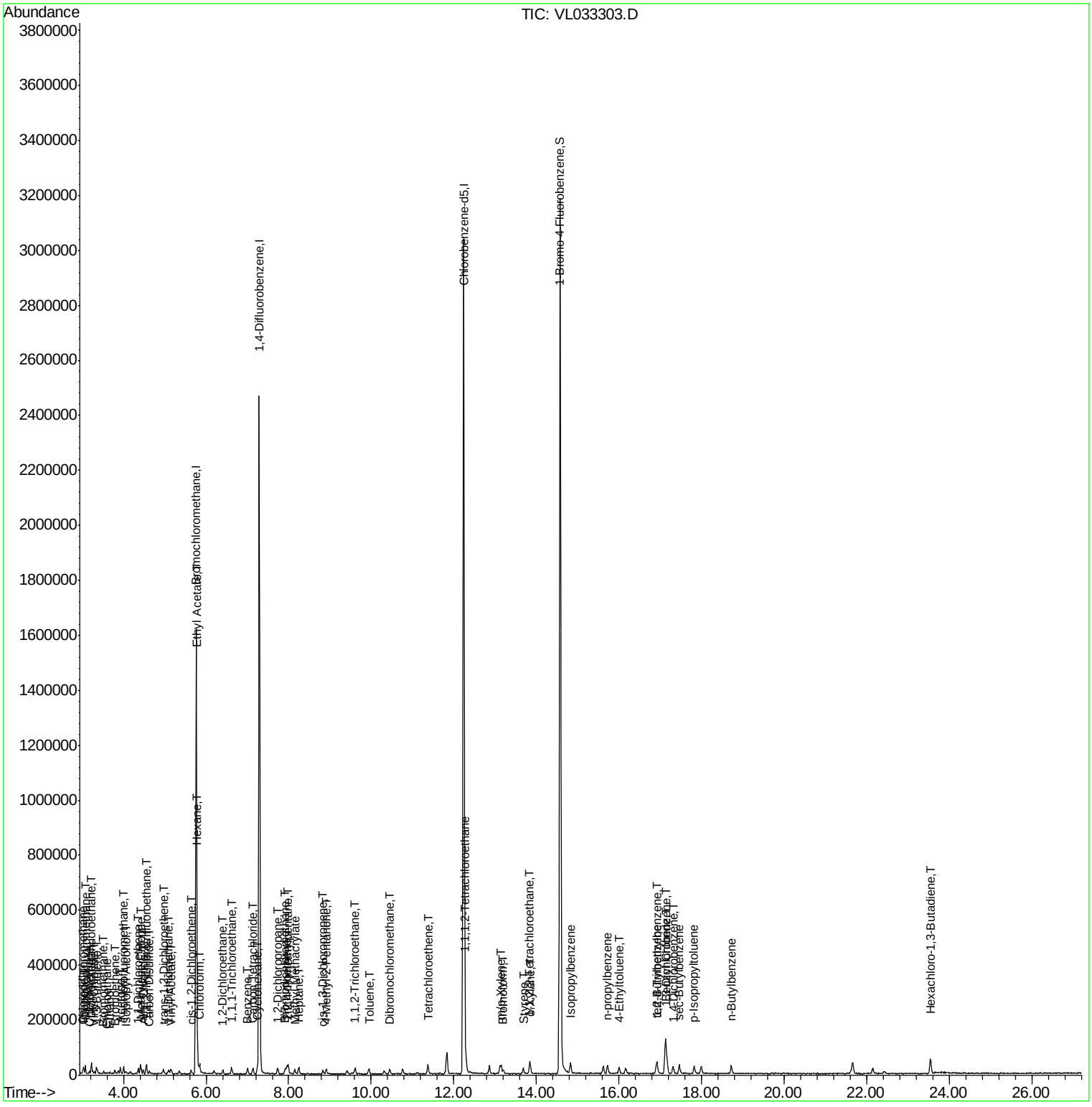
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031319\

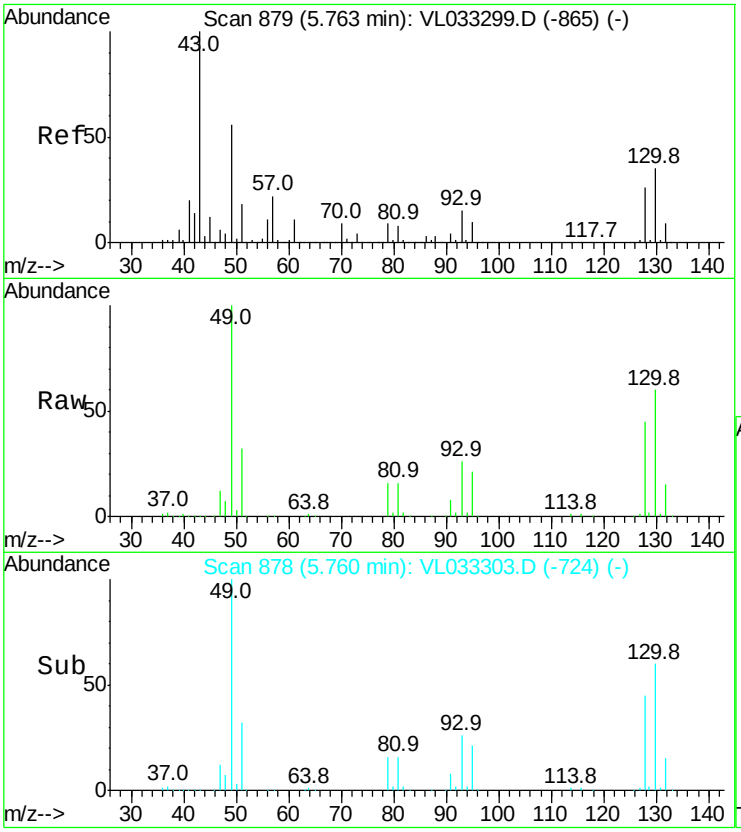
Quantitation Report (Not Reviewed)

Data File : VL033303.D
Acq On : 13 Mar 2019 19:05
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 13 20:12:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 17:31:13 2019
QLast Update : Wed Mar 13 17:31:13 2019
Response via : Initial Calibration



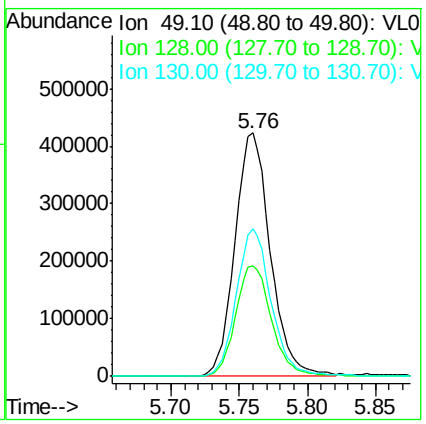


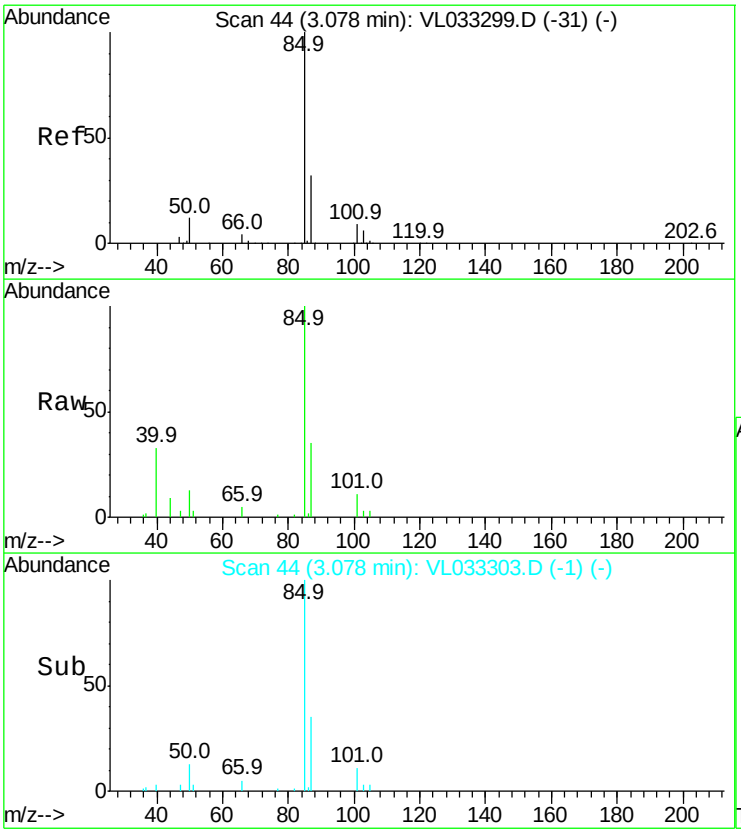
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 761926

Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.4	70.3
130	59.9	29.9	89.7

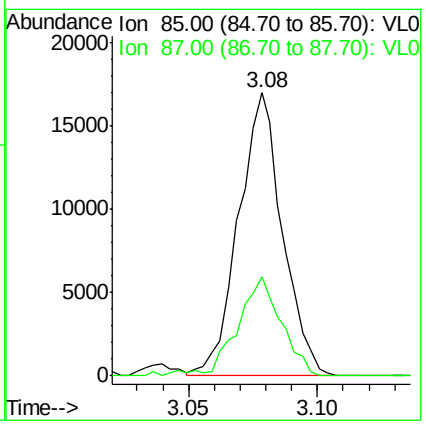


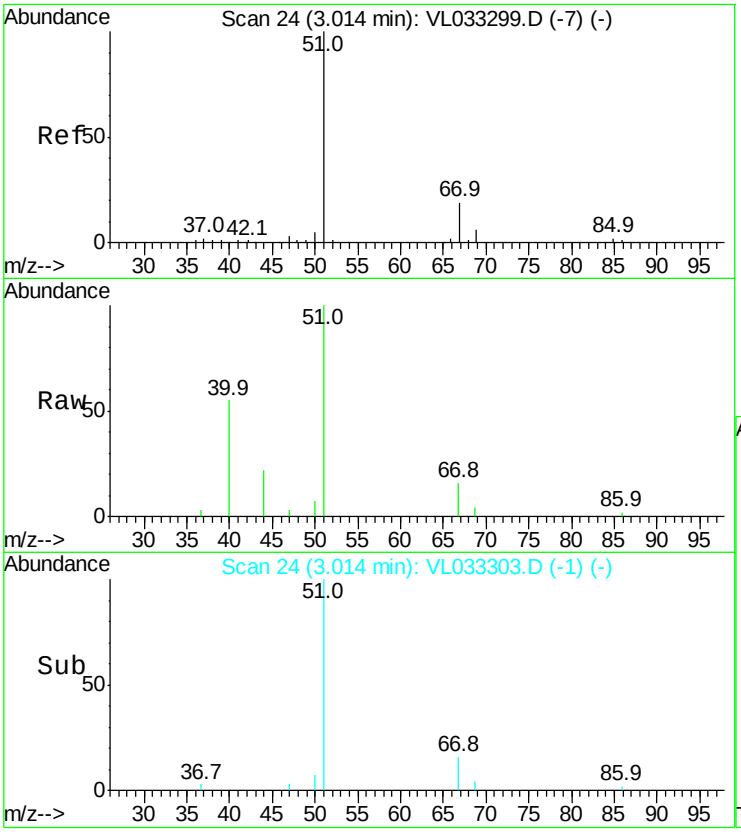


#2
Dichlorodifluoromethane
Concen: 0.132 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 85 Resp: 20274

Ion	Ratio	Lower	Upper
85	100		
87	35.2	25.8	38.8



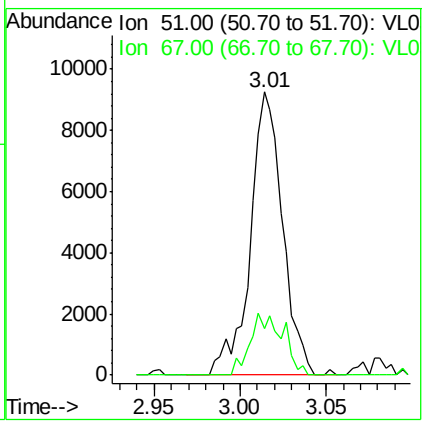


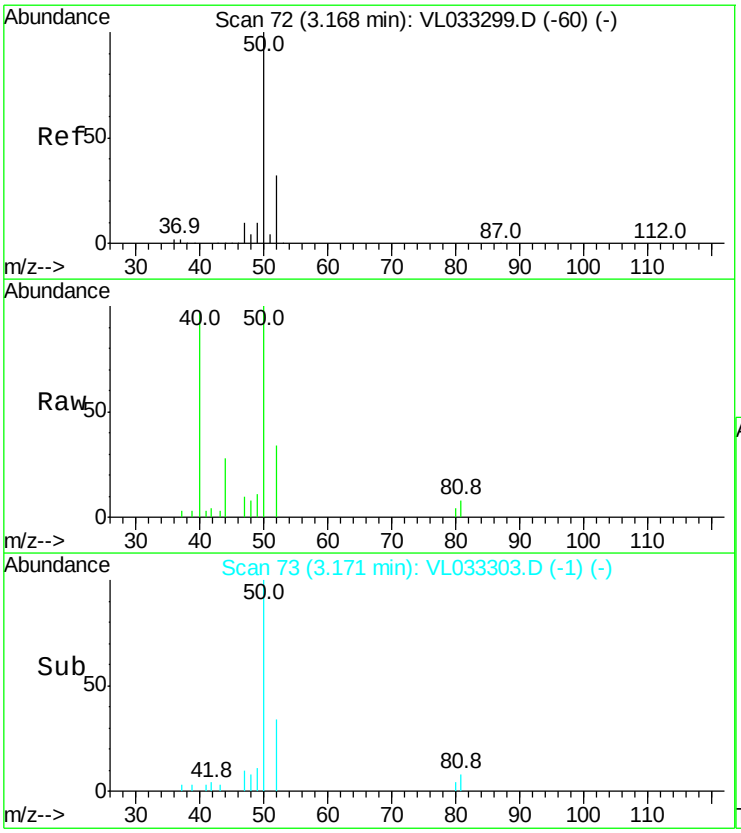
#3
Chlorodifluoromethane
Concen: 0.119 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 12061

Ion	Ratio	Lower	Upper
51	100		
67	22.4	14.9	22.3#

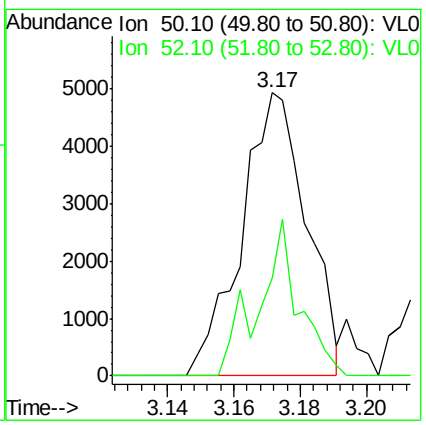


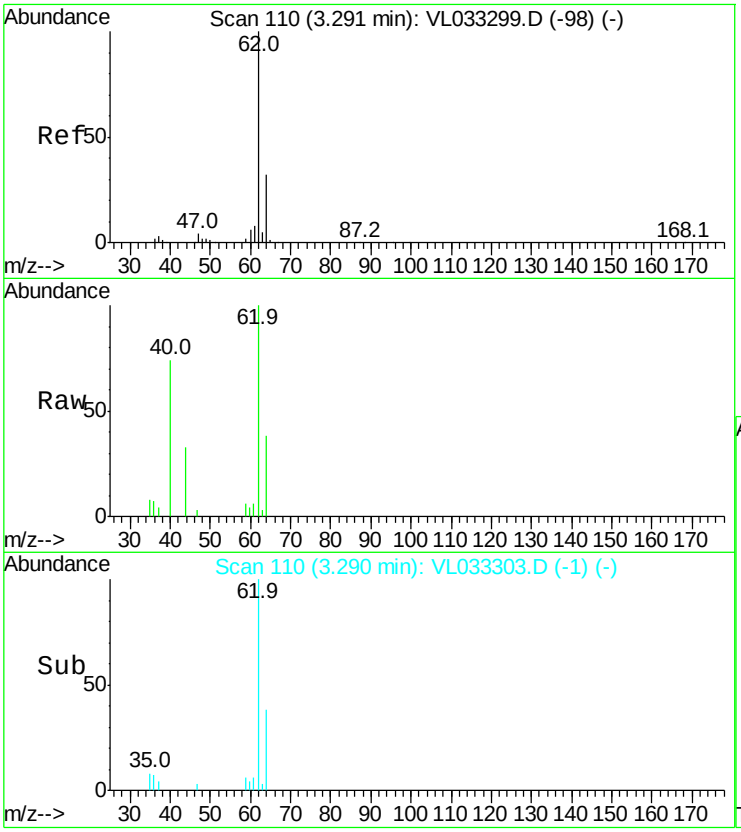


#4
Chloromethane
Concen: 0.125 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 50 Resp: 6735

Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.7	38.5



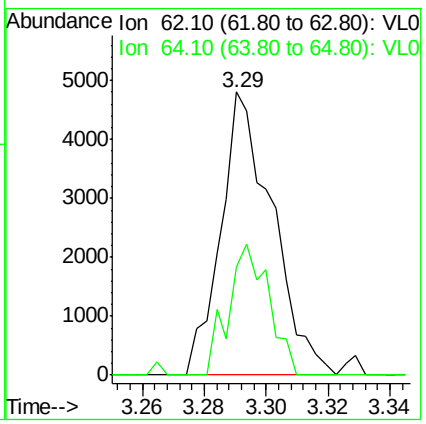


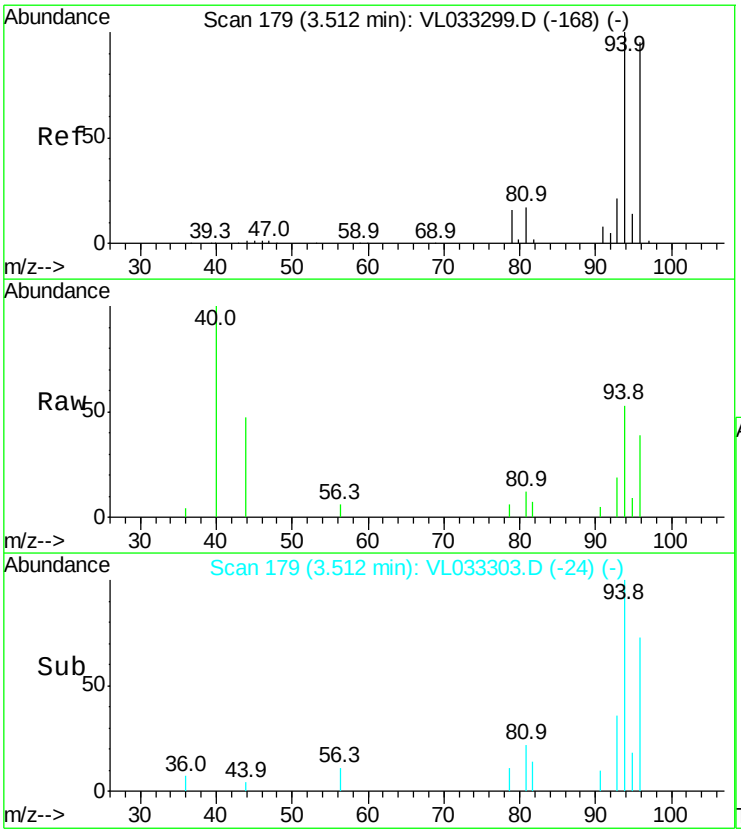
#5
Vinyl Chloride
Concen: 0.105 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 5562

Ion	Ratio	Lower	Upper
62	100		
64	37.0	25.5	38.3

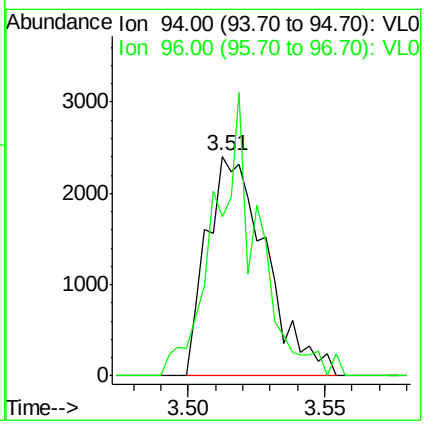


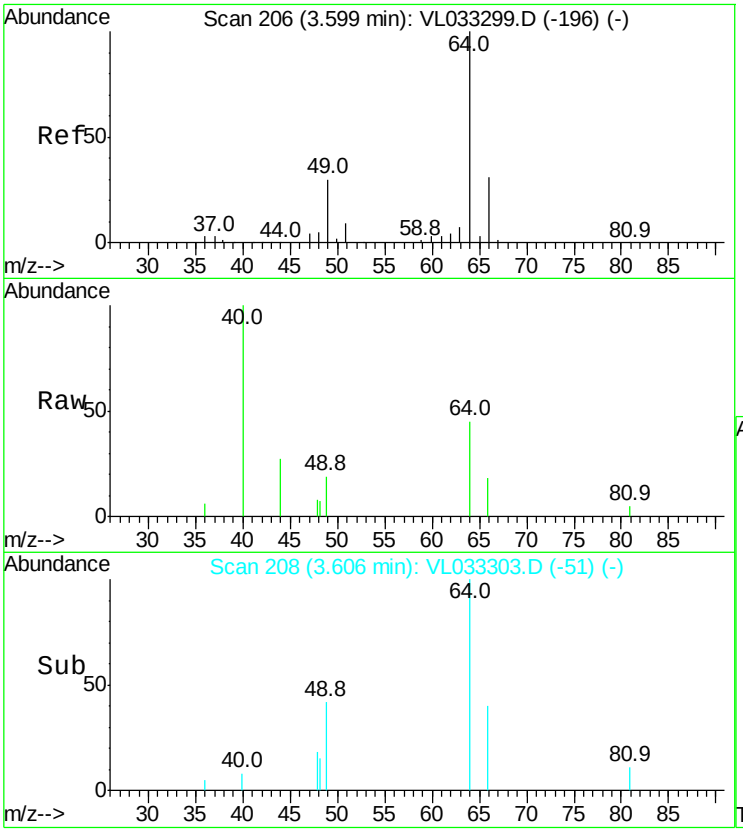


#6
Bromomethane
Concen: 0.113 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 94 Resp: 3633

Ion	Ratio	Lower	Upper
94	100		
96	62.7	76.2	114.4#



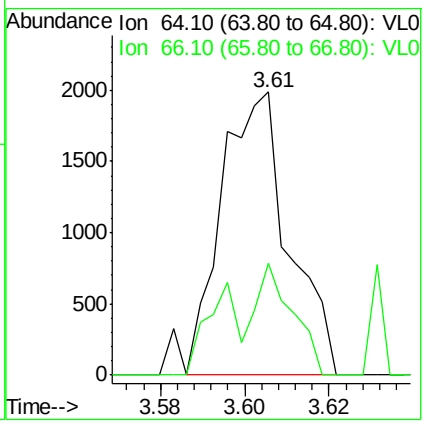


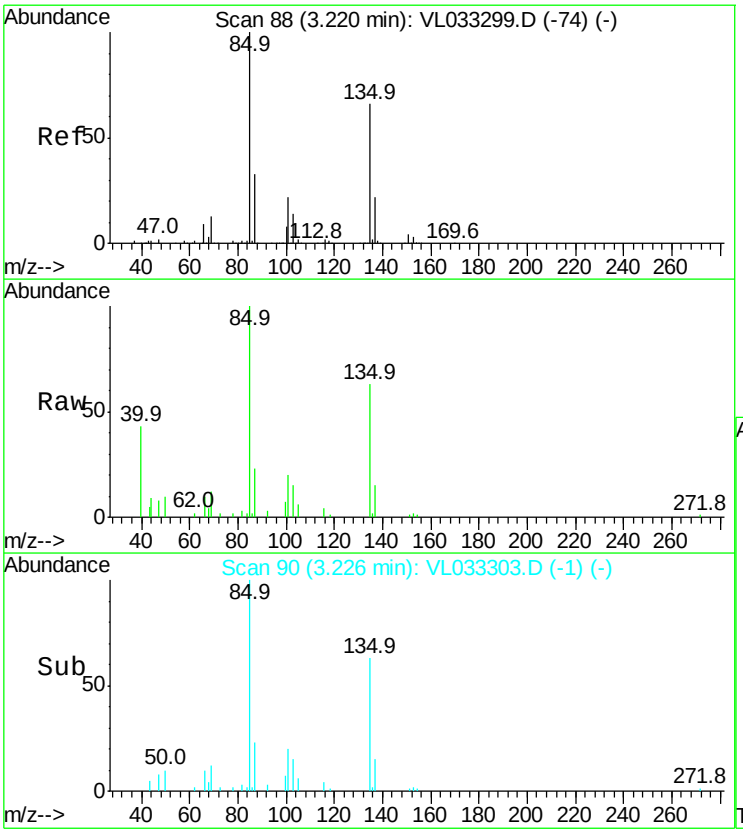
#7
Chloroethane
Concen: 0.115 ppbv
RT: 3.61 min Scan# 208
Delta R.T. 0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 2202

Ion	Ratio	Lower	Upper
64	100		
66	39.7	24.9	37.3#

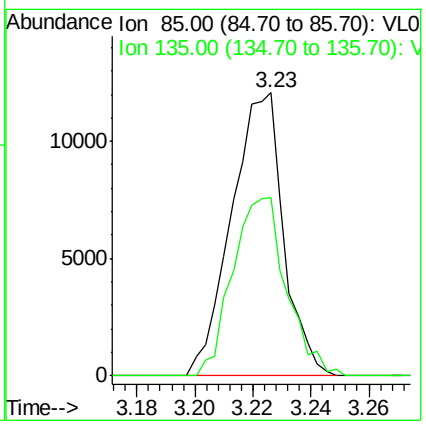


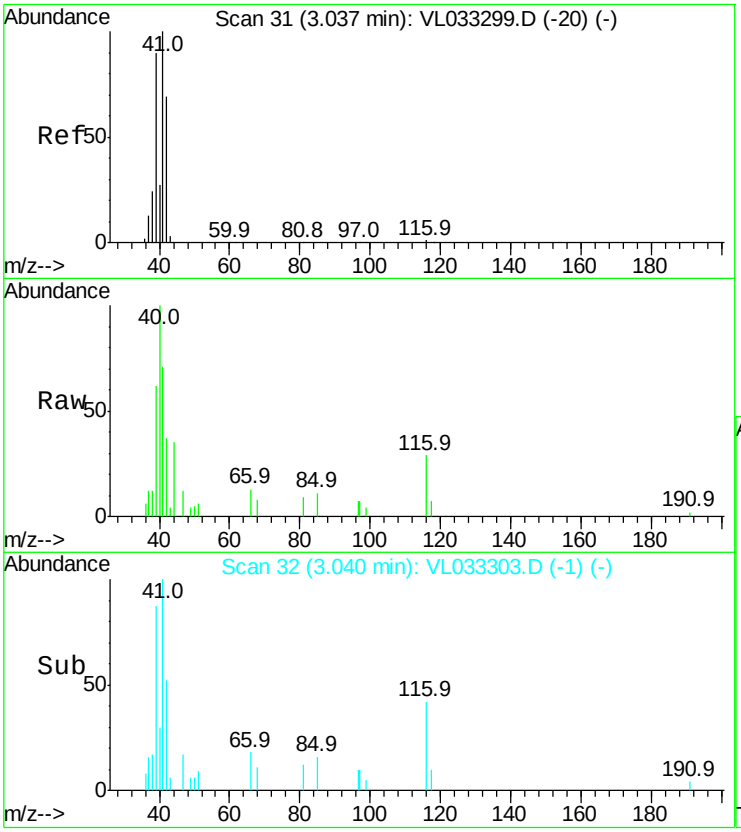


#8
Dichlorotetrafluoroethane
Concen: 0.116 ppbv
RT: 3.23 min Scan# 90
Delta R.T. 0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 85 Resp: 15025

Ion	Ratio	Lower	Upper
85	100		
135	65.3	52.9	79.3



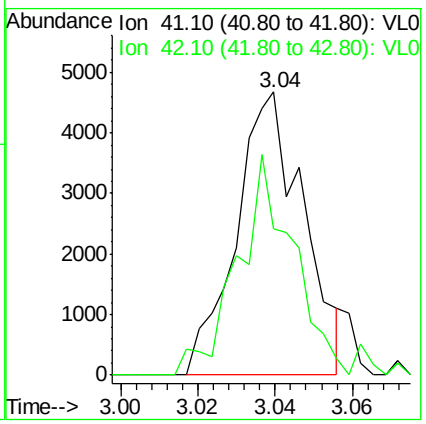


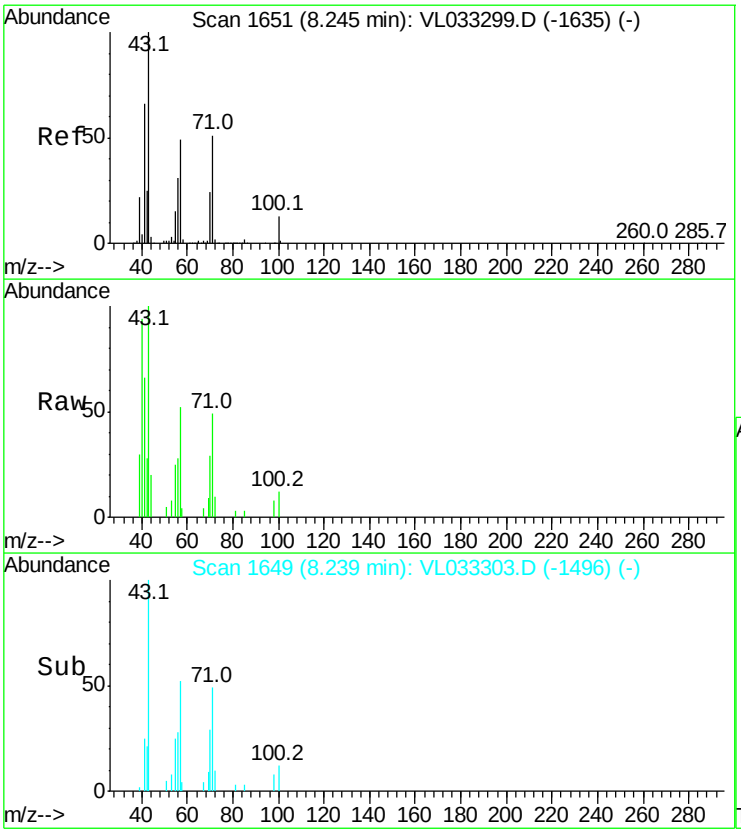
#9
Propene
Concen: 0.123 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 5646

Ion	Ratio	Lower	Upper
41	100		
42	67.1	54.4	81.6

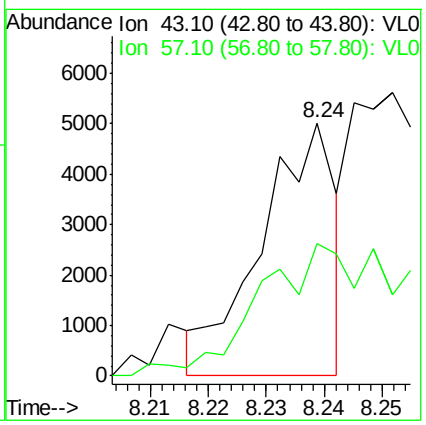


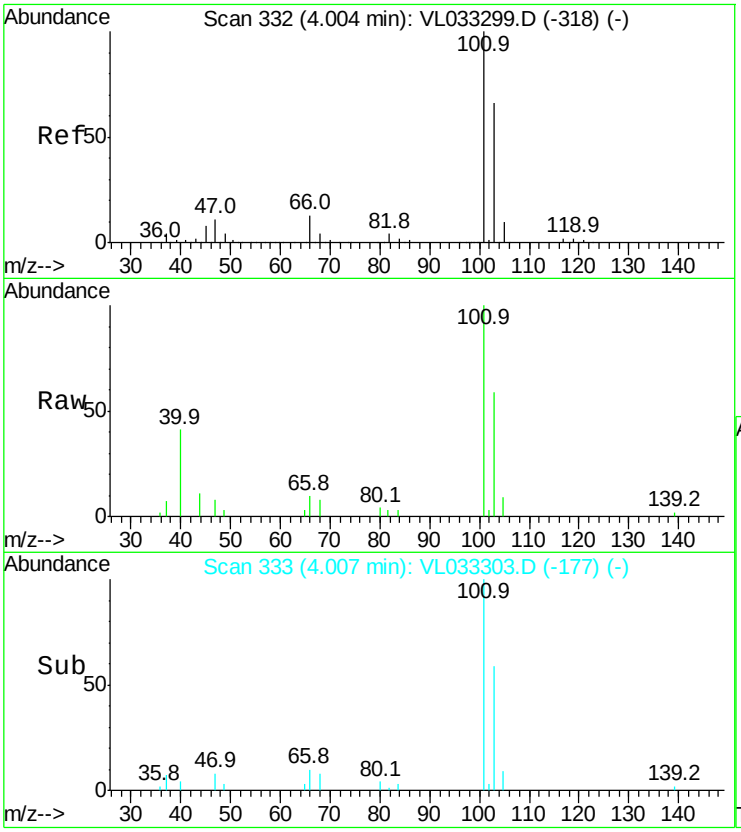


#10
Heptane
Concen: 0.043 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 43 Resp: 4462

Ion	Ratio	Lower	Upper
43	100		
57	116.7	39.6	59.4#



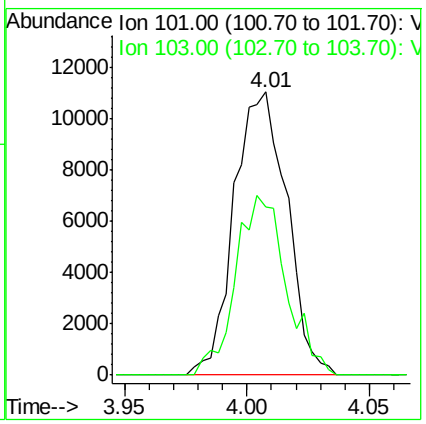


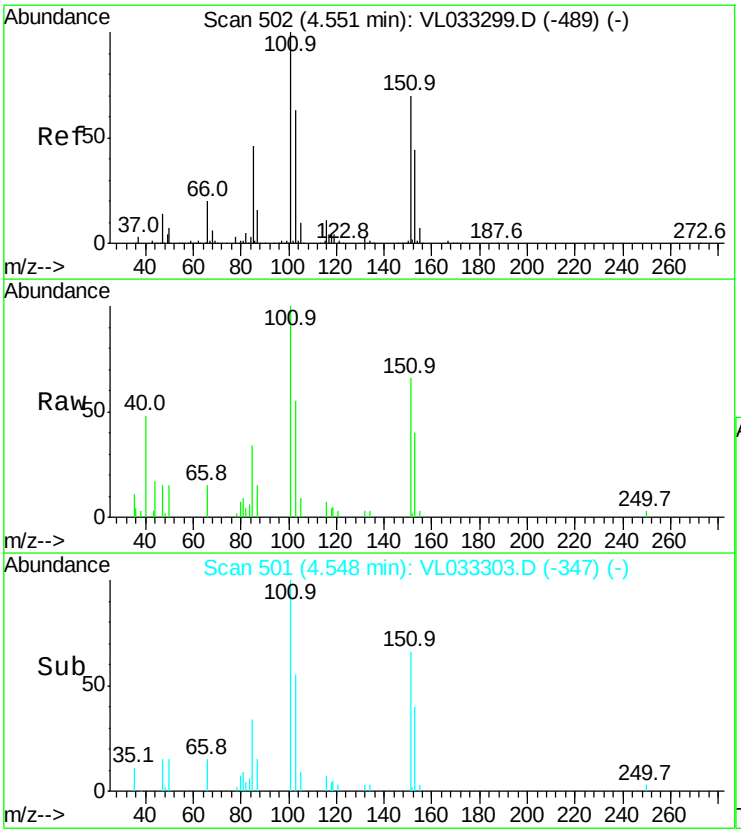
#11
Trichlorofluoromethane
Concen: 0.109 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 16559

Ion	Ratio	Lower	Upper
101	100		
103	59.2	52.5	78.7

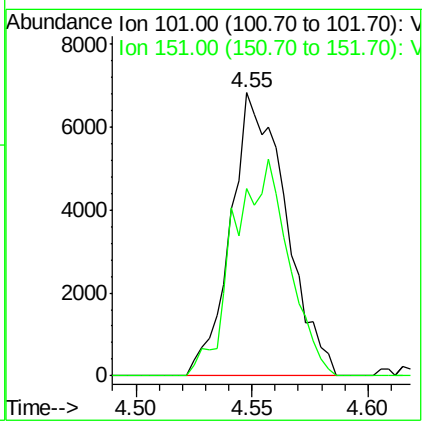


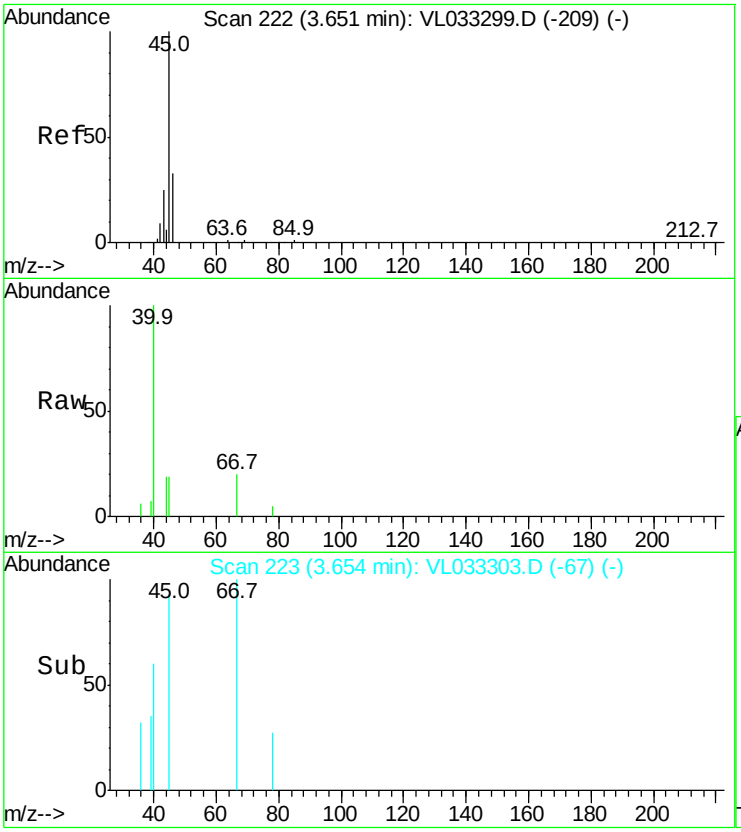


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.129 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:101 Resp: 11255

Ion	Ratio	Lower	Upper
101	100		
151	76.7	57.2	85.8



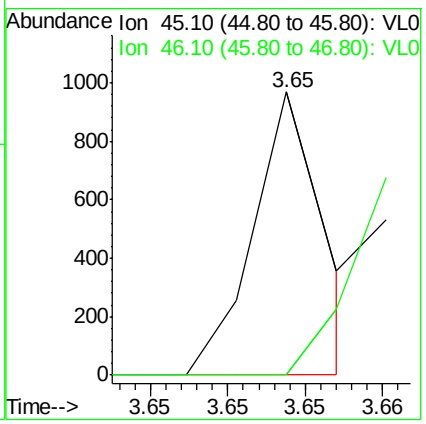


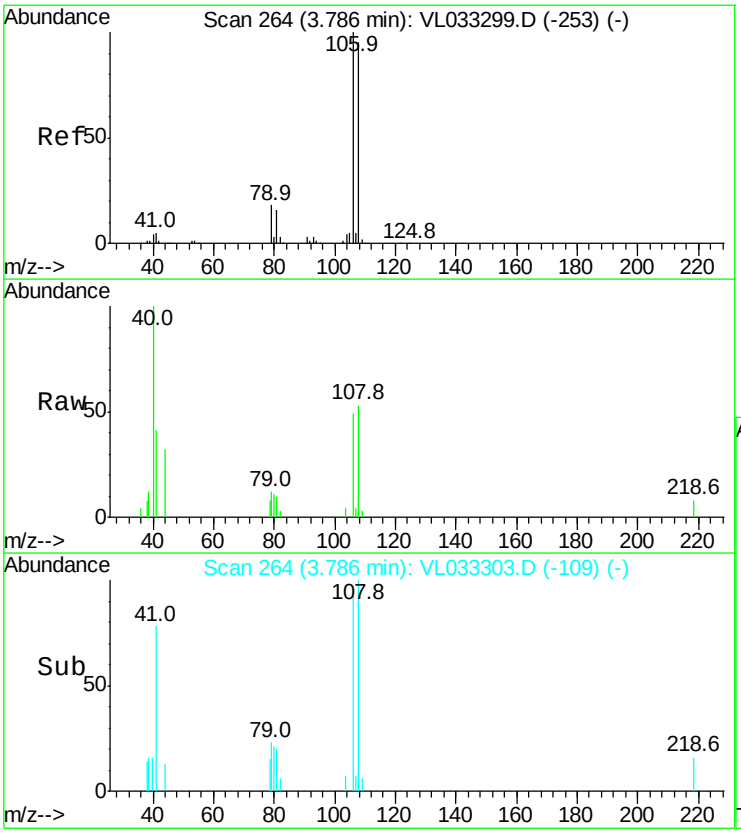
#13
Ethanol
Concen: 0.022 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 45 Resp: 305

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.5#

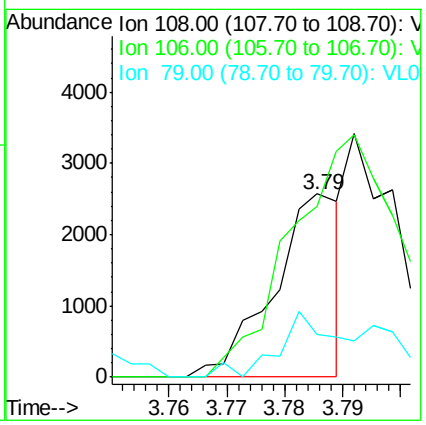


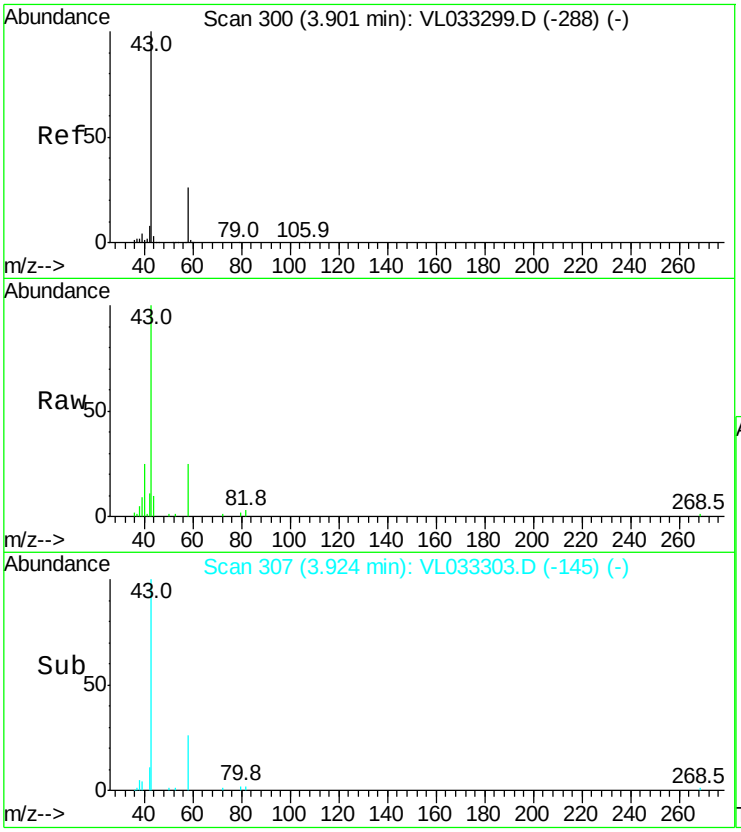


#14
Bromoethene
Concen: 0.051 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:108 Resp: 2062

Ion	Ratio	Lower	Upper
108	100		
106	0.0	85.1	127.7#
79	55.3	15.0	22.6#



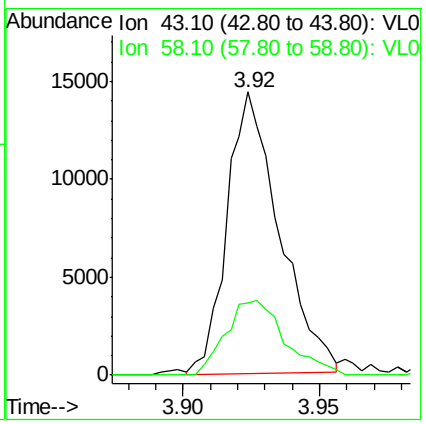


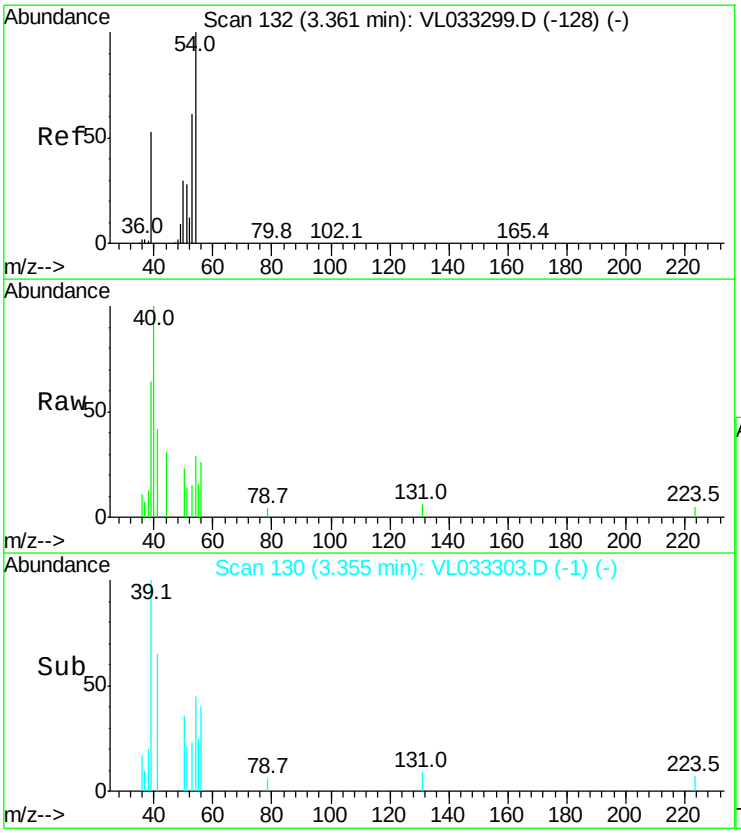
#15
Acetone
Concen: 0.164 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 19225

Ion	Ratio	Lower	Upper
43	100		
58	29.8	20.6	31.0

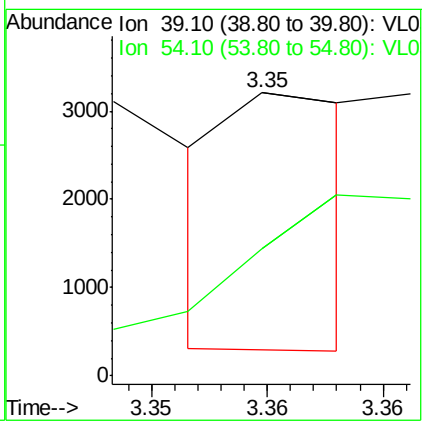


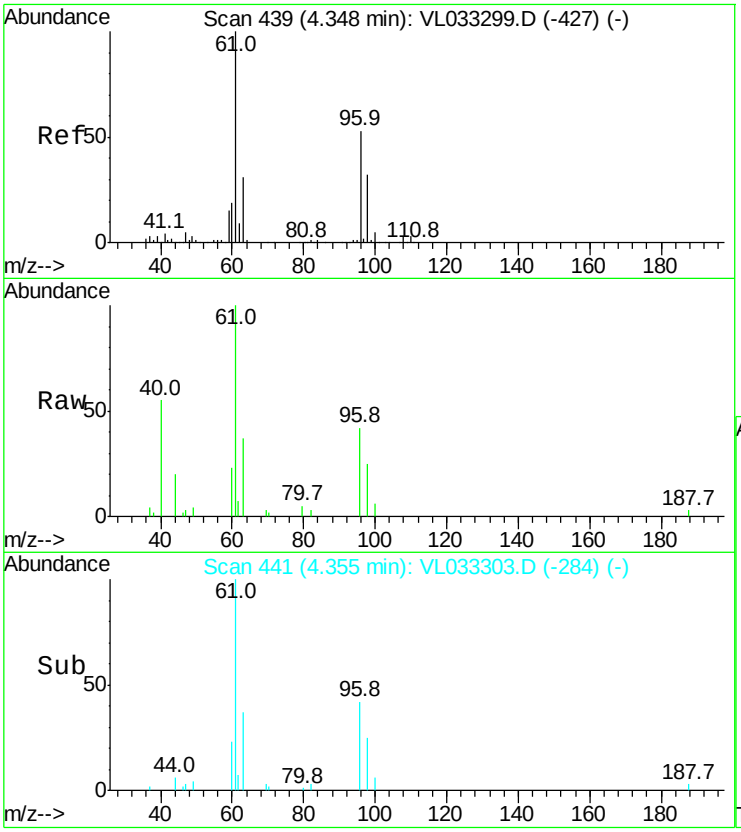


#16
1,3-Butadiene
Concen: 0.026 ppbv
RT: 3.35 min Scan# 130
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 39 Resp: 1102

Ion	Ratio	Lower	Upper
39	100		
54	0.0	68.4	102.6#



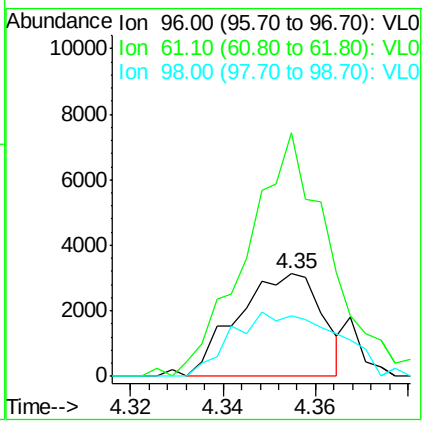


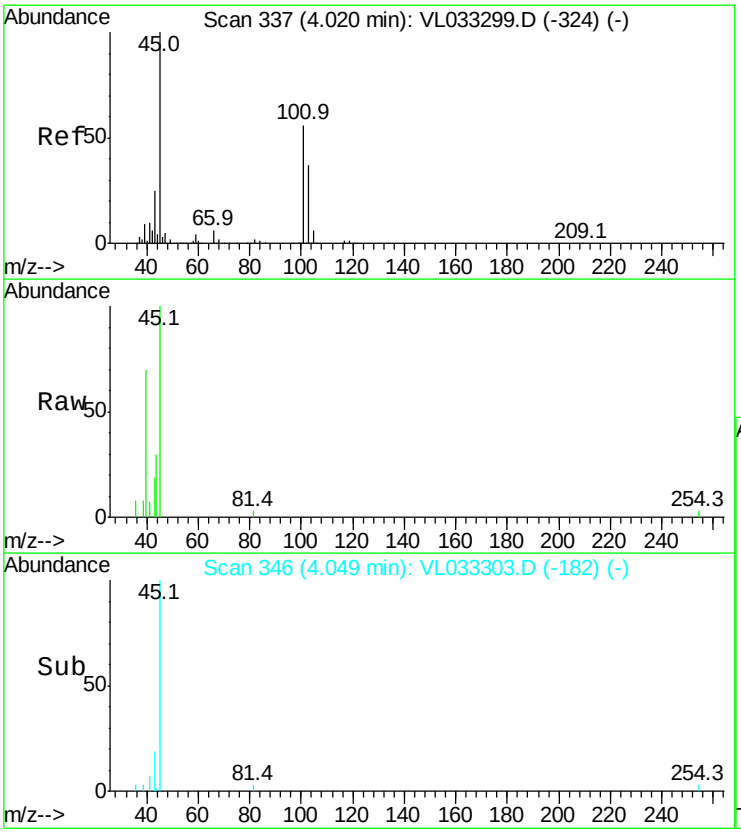
#18
1,1-Dichloroethene
Concen: 0.103 ppbv
RT: 4.35 min Scan# 441
Delta R.T. 0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 3962

Ion	Ratio	Lower	Upper
96	100		
61	240.7	152.3	228.5#
98	59.6	48.6	72.8

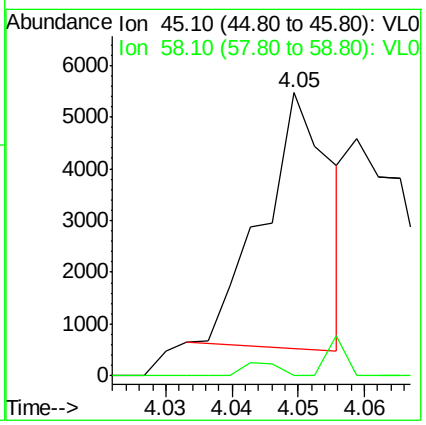


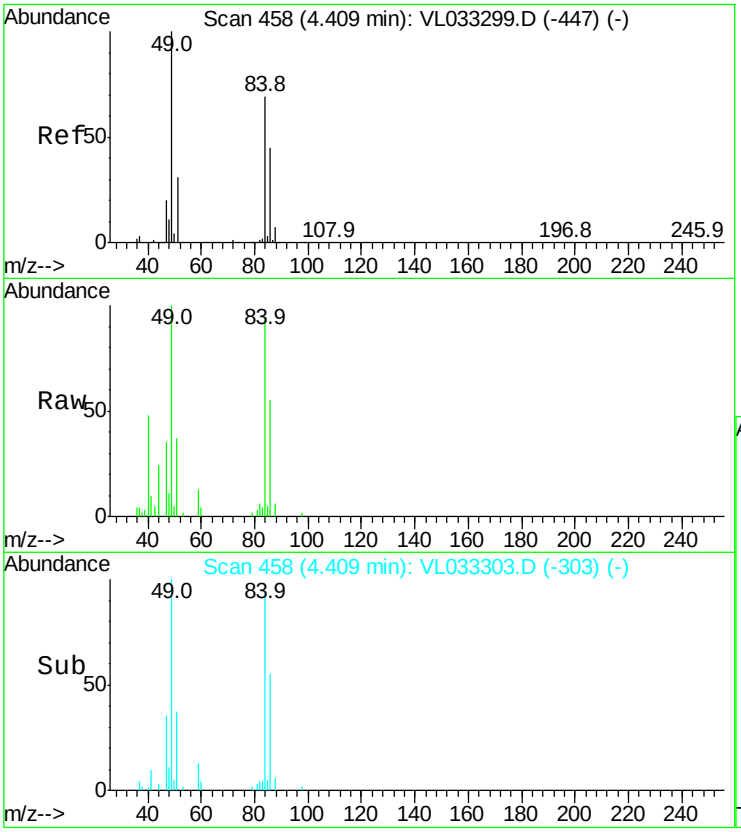


#19
Isopropyl Alcohol
Concen: 0.050 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.03 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 45 Resp: 3528

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.0#



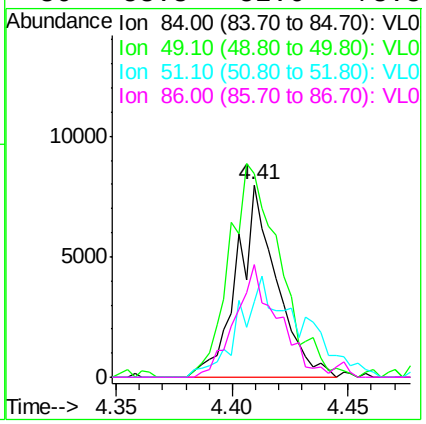


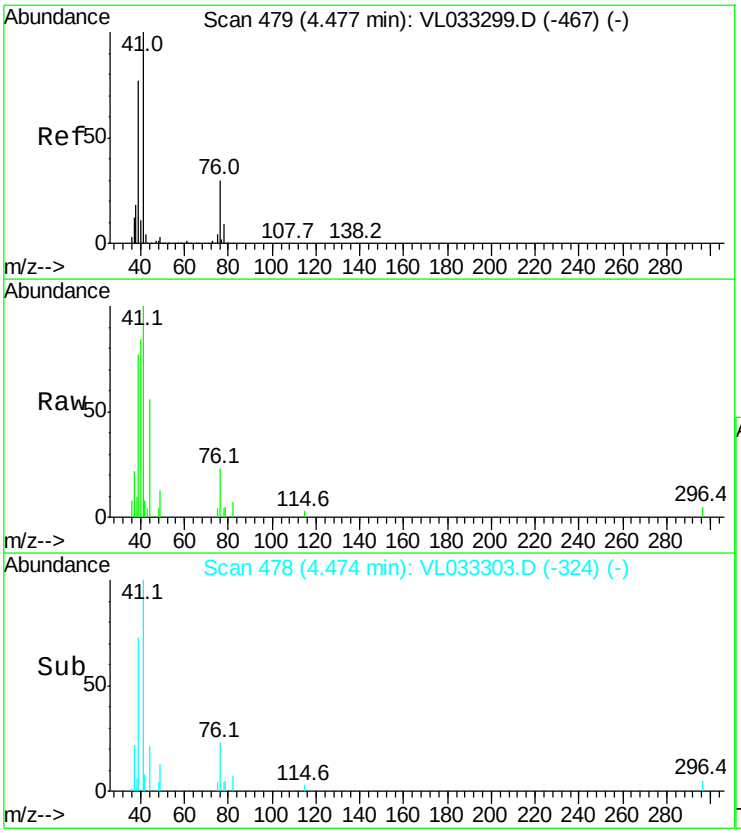
#20
Methylene Chloride
Concen: 0.244 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 84 Resp: 9483

Ion	Ratio	Lower	Upper
84	100		
49	110.9	115.4	173.2#
51	39.3	35.7	53.5
86	58.8	52.6	78.8

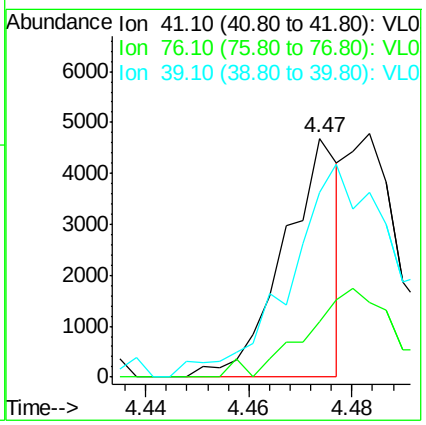


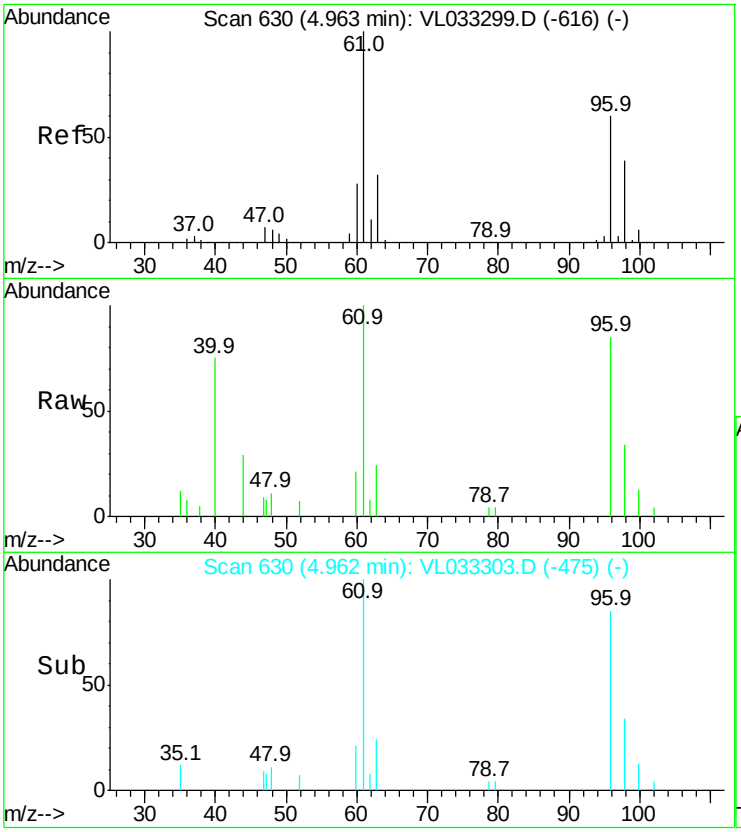


#21
Allyl Chloride
Concen: 0.060 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 41 Resp: 3490

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.3	36.5#
39	0.0	64.4	96.6#



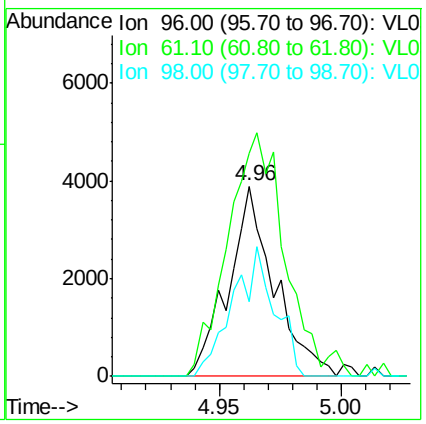


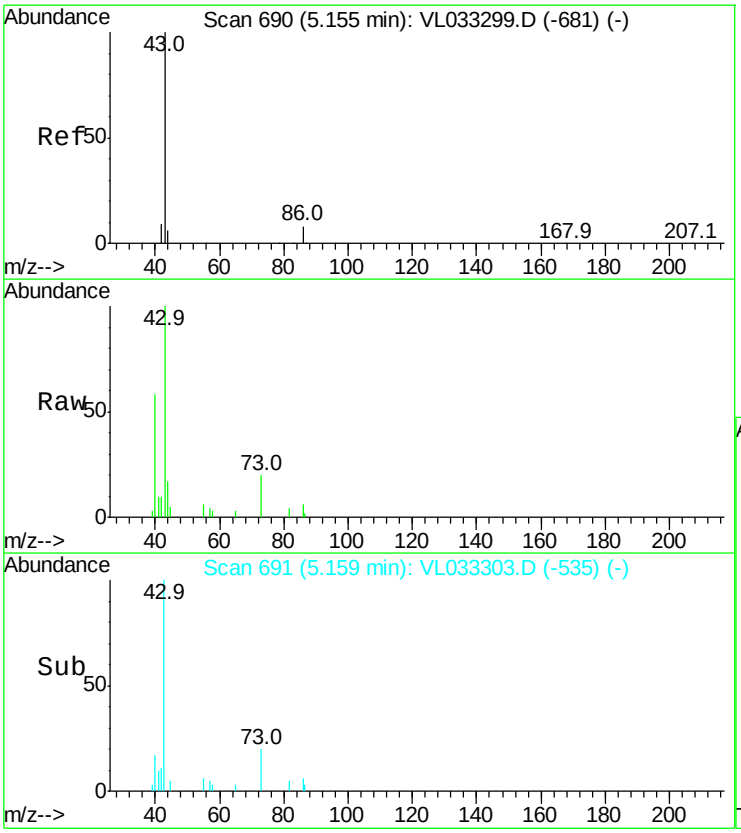
#22
trans-1,2-Dichloroethene
Concen: 0.124 ppbv
RT: 4.96 min Scan# 630
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 5087

Ion	Ratio	Lower	Upper
96	100		
61	117.7	132.7	199.1#
98	39.5	52.4	78.6#

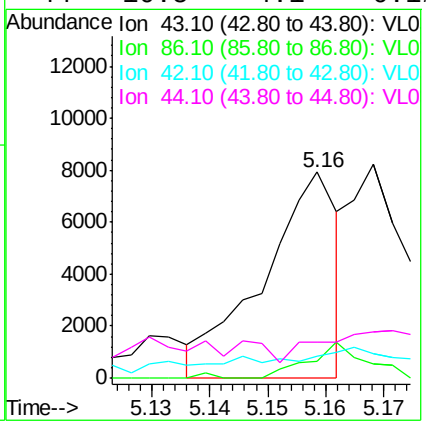


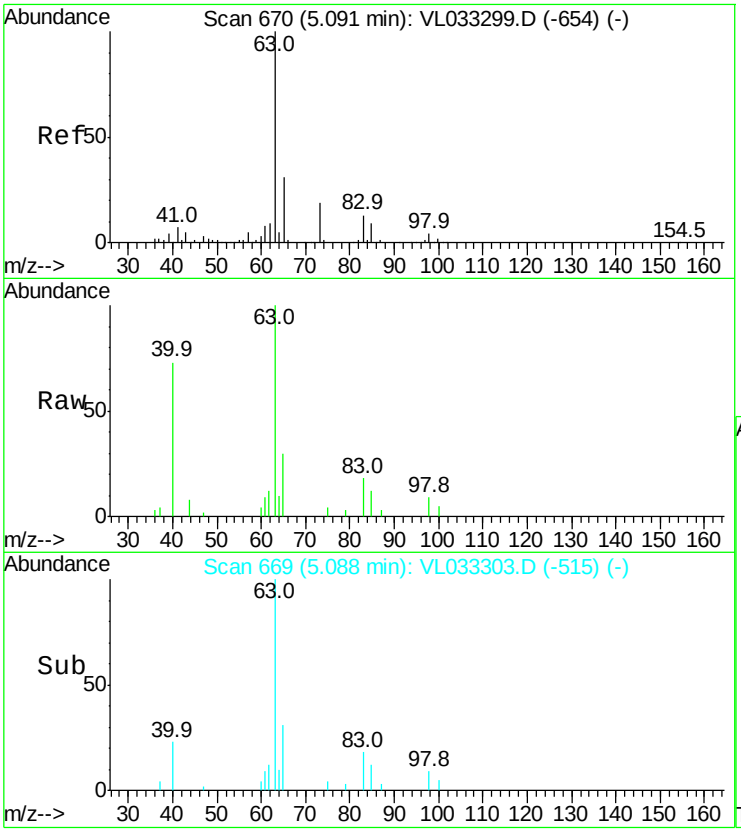


#23
Vinyl Acetate
Concen: 0.048 ppbv
RT: 5.16 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 43 Resp: 7051

Ion	Ratio	Lower	Upper
43	100		
86	9.9	5.8	8.8#
42	4.6	7.8	11.8#
44	10.5	4.1	6.1#



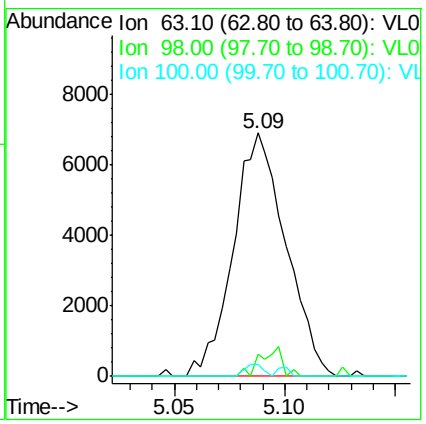


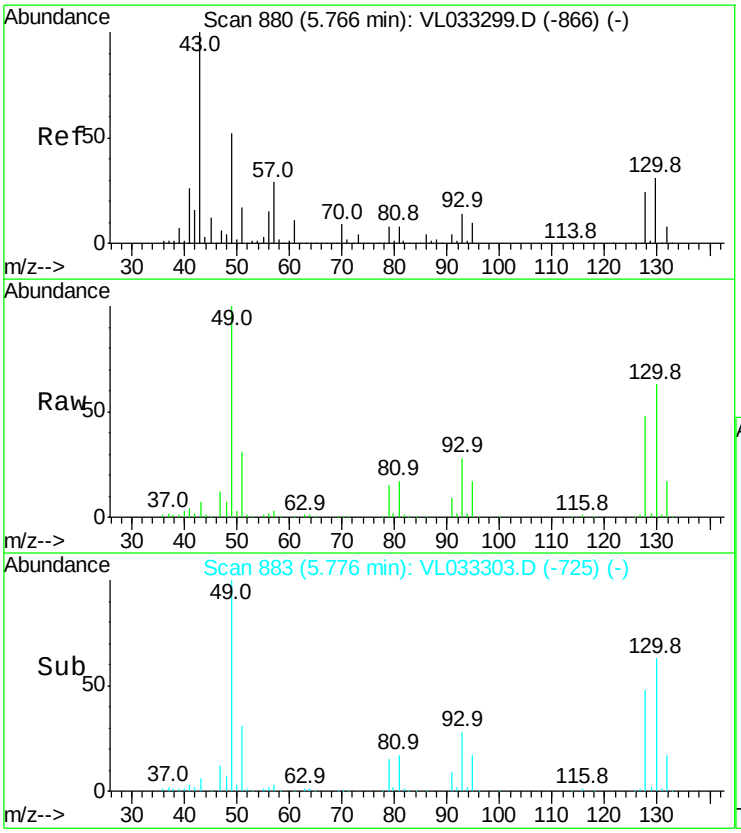
#24
1,1-Dichloroethane
Concen: 0.107 ppbv
RT: 5.09 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 11389

Ion	Ratio	Lower	Upper
63	100		
98	8.9	2.3	6.8#
100	4.8	1.3	3.8#

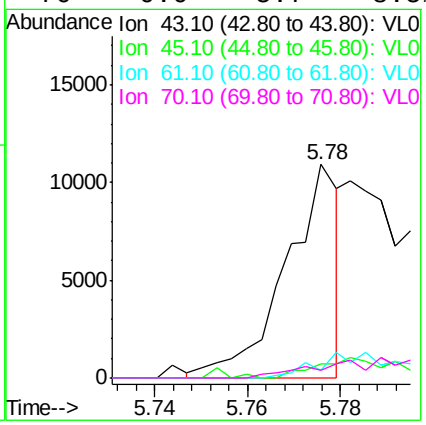


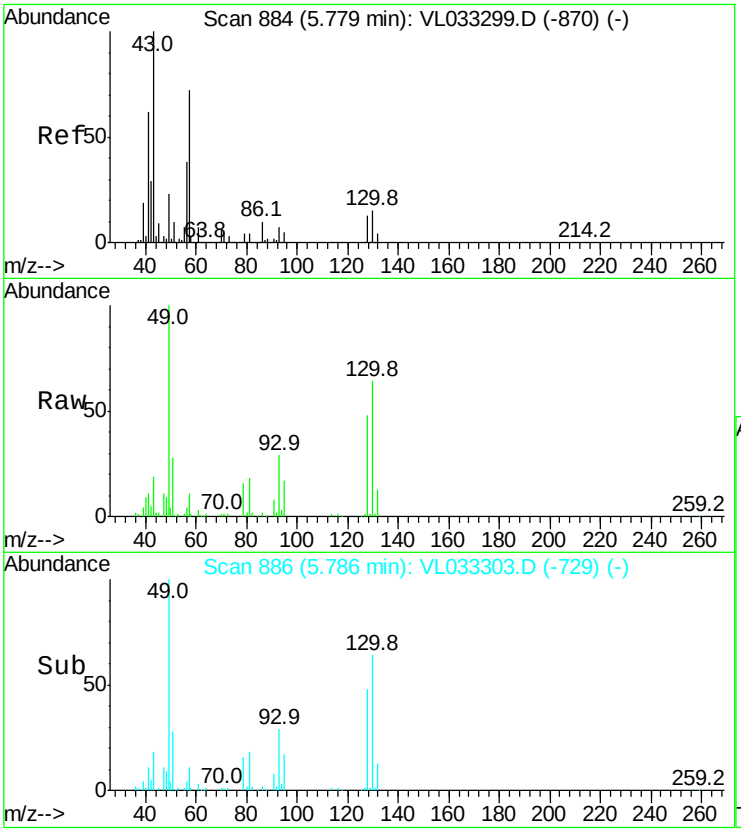


#25
Ethyl Acetate
Concen: 0.048 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 43 Resp: 8664

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	7.5	11.3#
70	0.0	5.7	8.5#



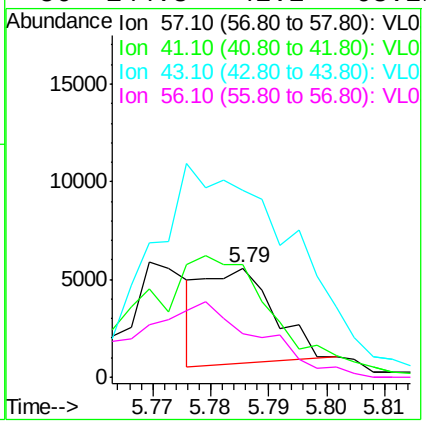


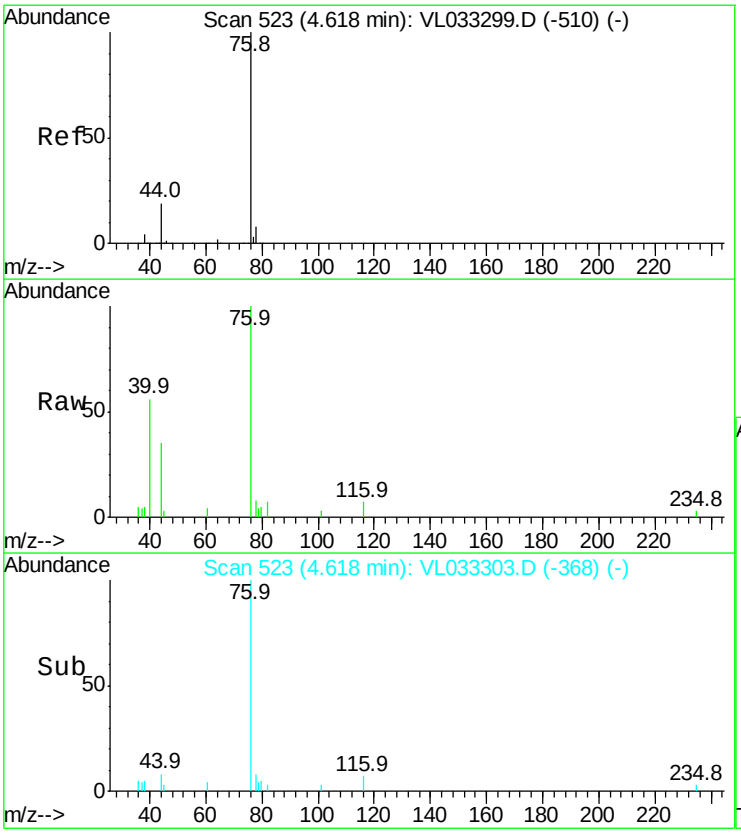
#26
Hexane
Concen: 0.048 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 4080

Ion	Ratio	Lower	Upper
57	100		
41	258.6	71.6	107.4#
43	505.7	179.2	268.8#
56	144.8	42.2	63.2#

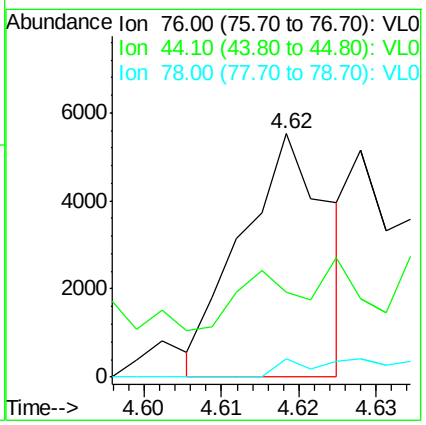


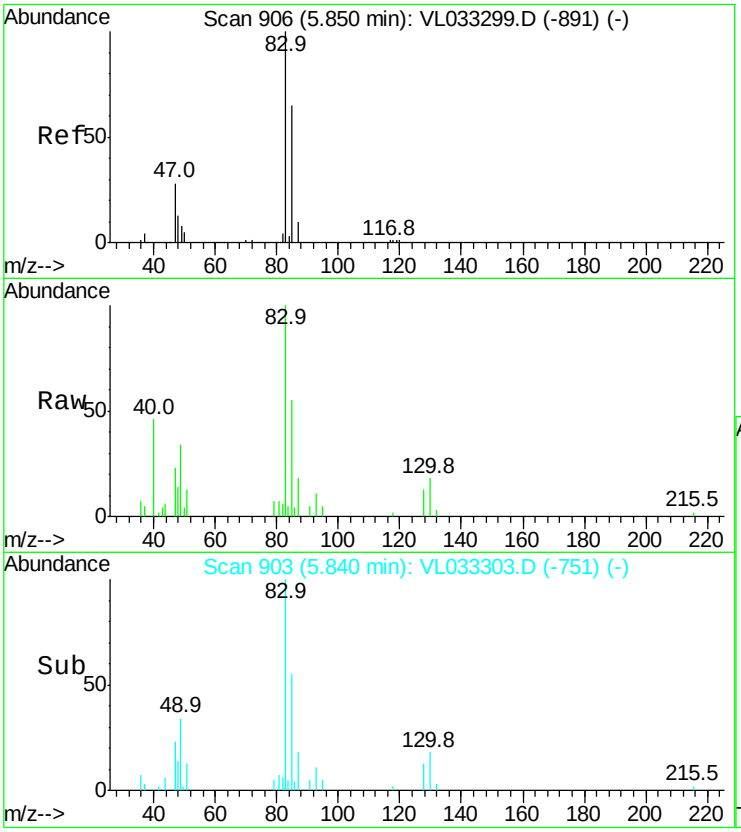


#27
Carbon Disulfide
Concen: 0.048 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 76 Resp: 4285

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.7	22.1#
78	0.0	7.3	10.9#



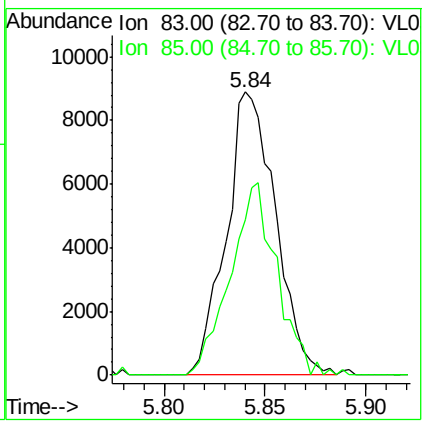


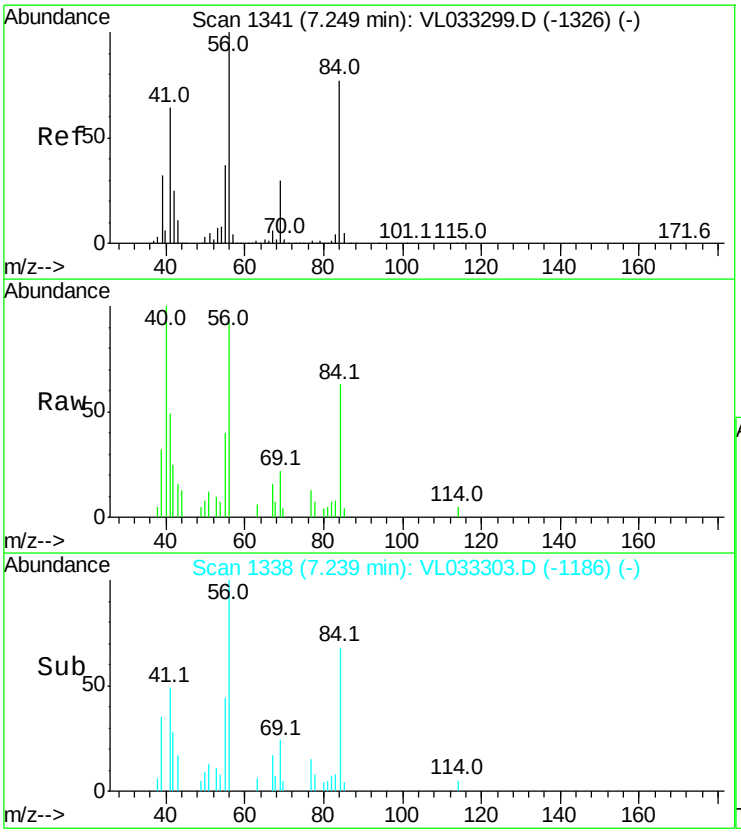
#29
Chloroform
Concen: 0.118 ppbv
RT: 5.84 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 15211

Ion	Ratio	Lower	Upper
83	100		
85	54.8	52.2	78.4

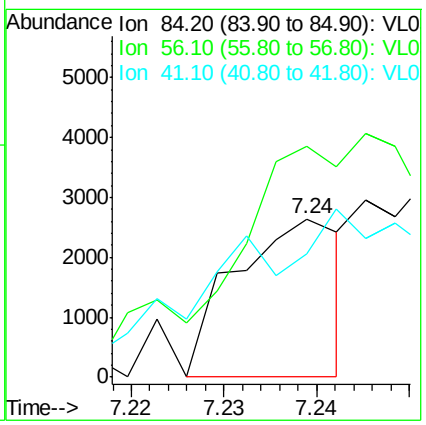


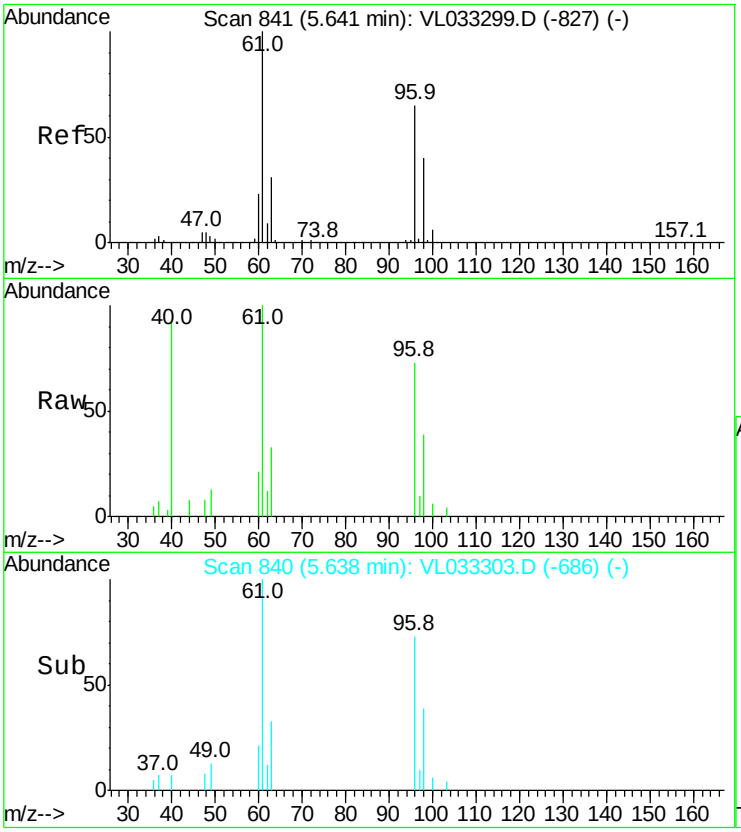


#30
Cyclohexane
Concen: 0.032 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 84 Resp: 2096

Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.8	164.8#
41	278.1	68.1	102.1#



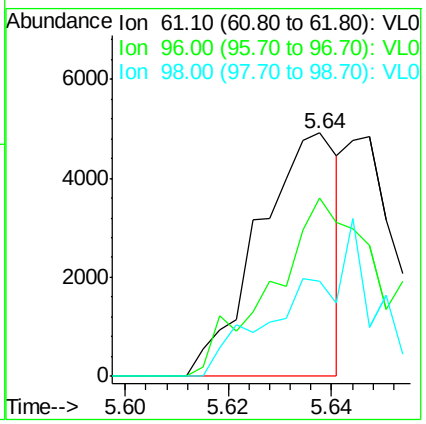


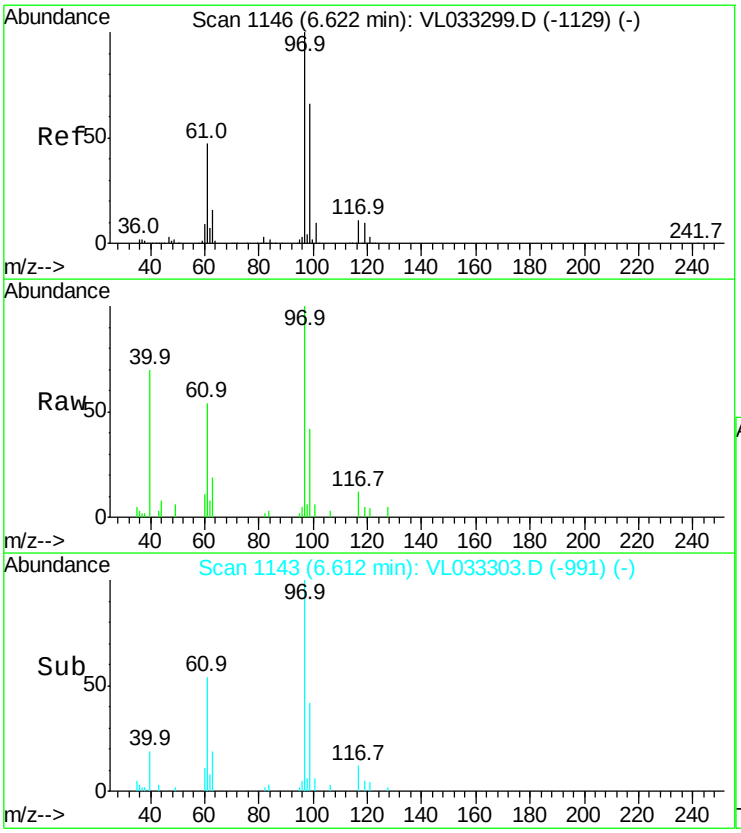
#31
cis-1,2-Dichloroethene
Concen: 0.065 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 5230

Ion	Ratio	Lower	Upper
61	100		
96	73.5	51.8	77.6
98	39.3	32.3	48.5

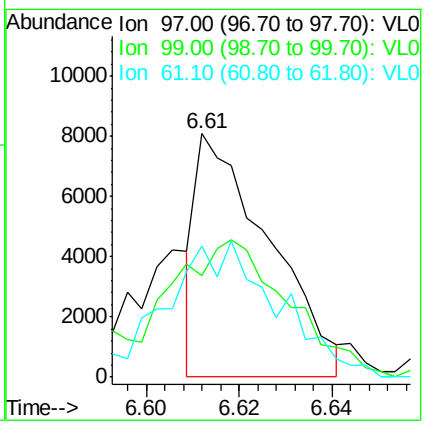


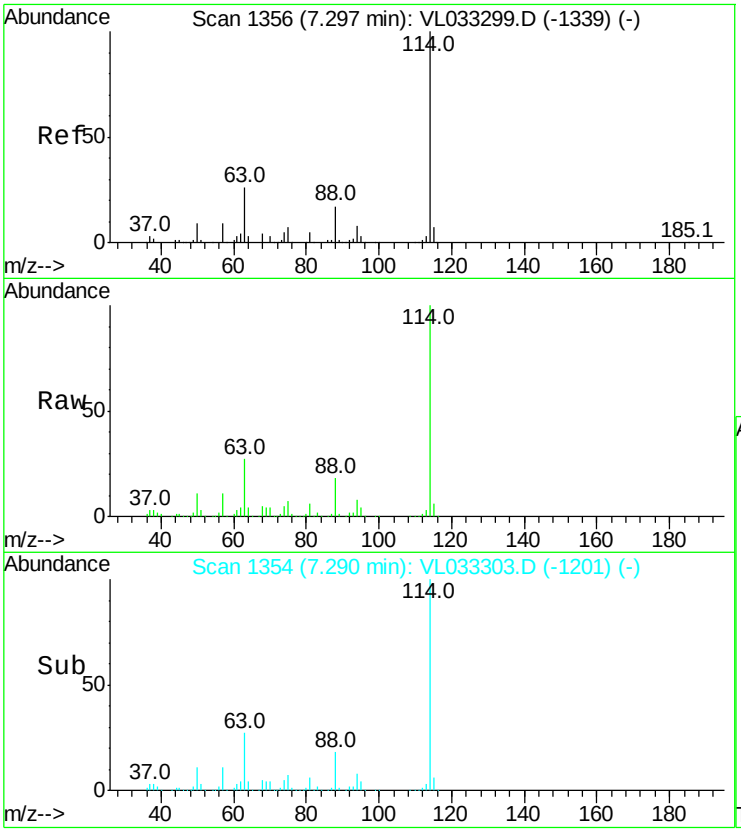


#32
1,1,1-Trichloroethane
Concen: 0.070 ppbv
RT: 6.61 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 97 Resp: 8794

Ion	Ratio	Lower	Upper
97	100		
99	98.6	51.6	77.4#
61	86.9	39.4	59.2#



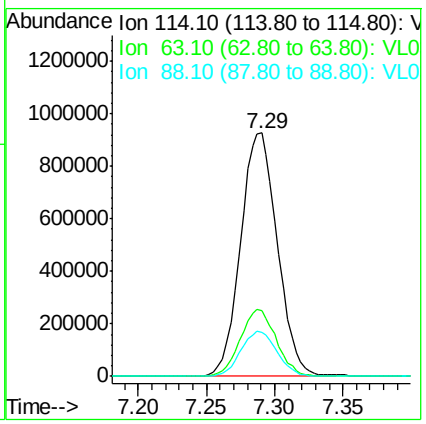


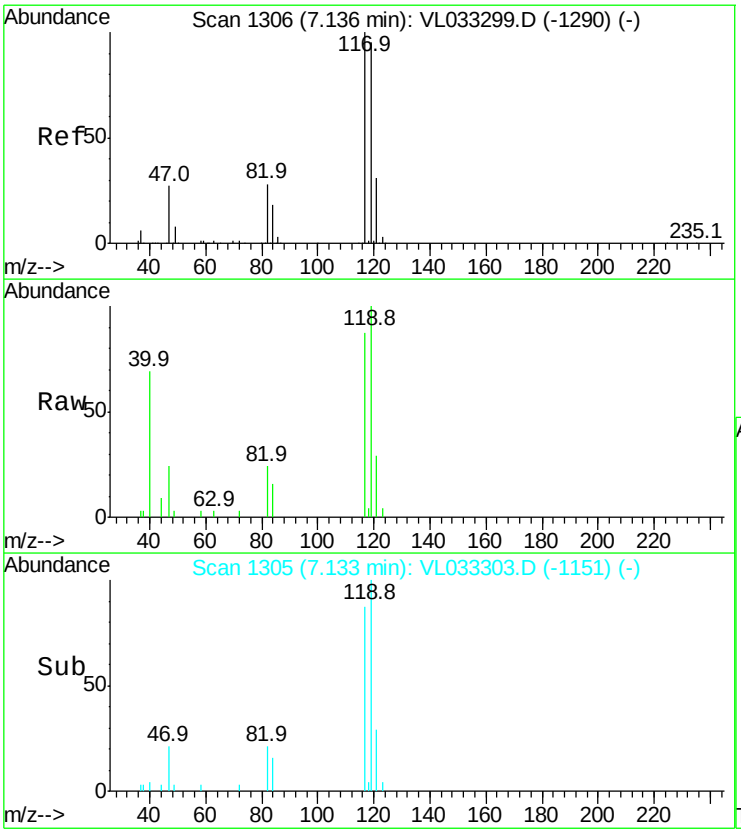
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 1728279

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.3	31.9
88	18.5	14.5	21.7

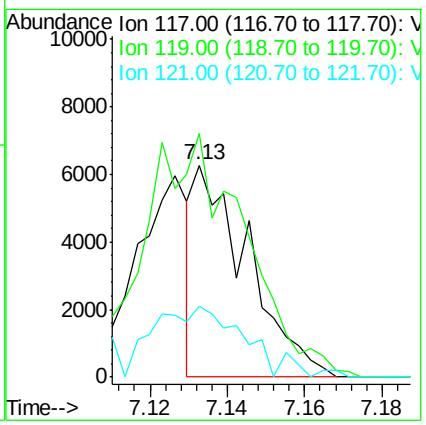


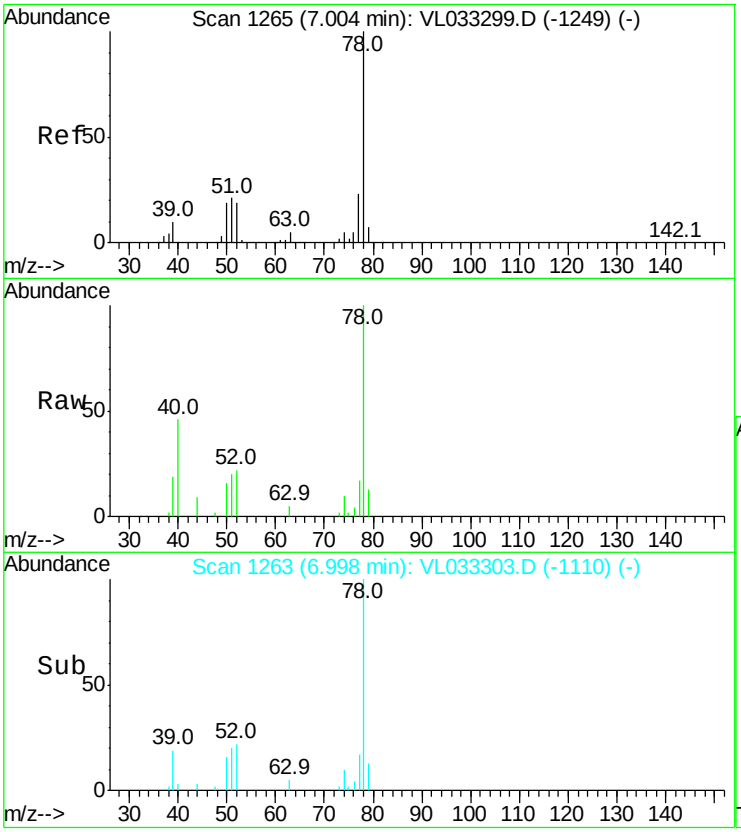


#35
Carbon Tetrachloride
Concen: 0.047 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:117 Resp: 5993

Ion	Ratio	Lower	Upper
117	100		
119	111.9	75.9	113.9
121	30.3	25.2	37.8



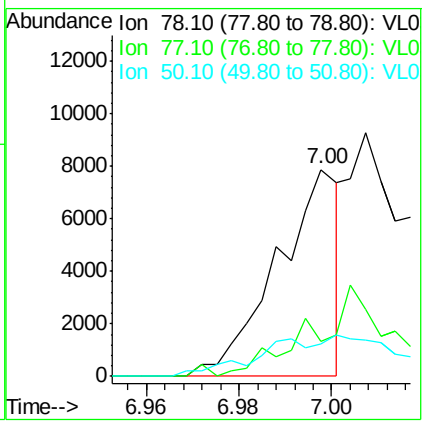


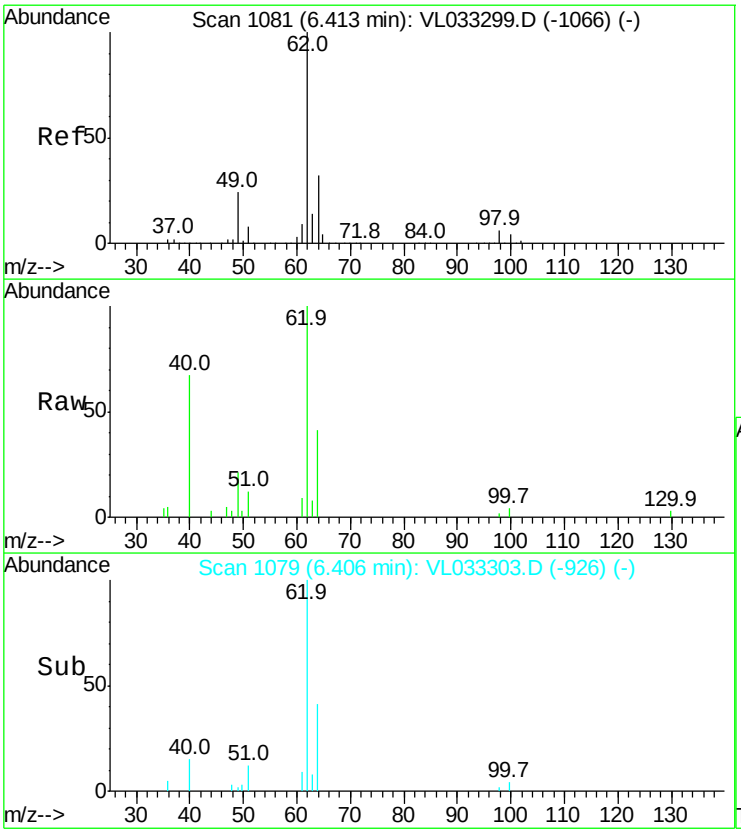
#36
Benzene
Concen: 0.046 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 7316

Ion	Ratio	Lower	Upper
78	100		
77	16.7	18.6	28.0#
50	13.1	15.2	22.8#

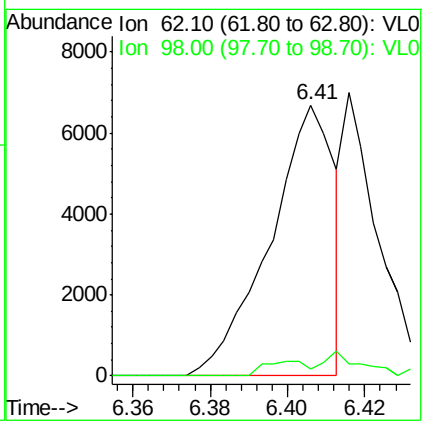


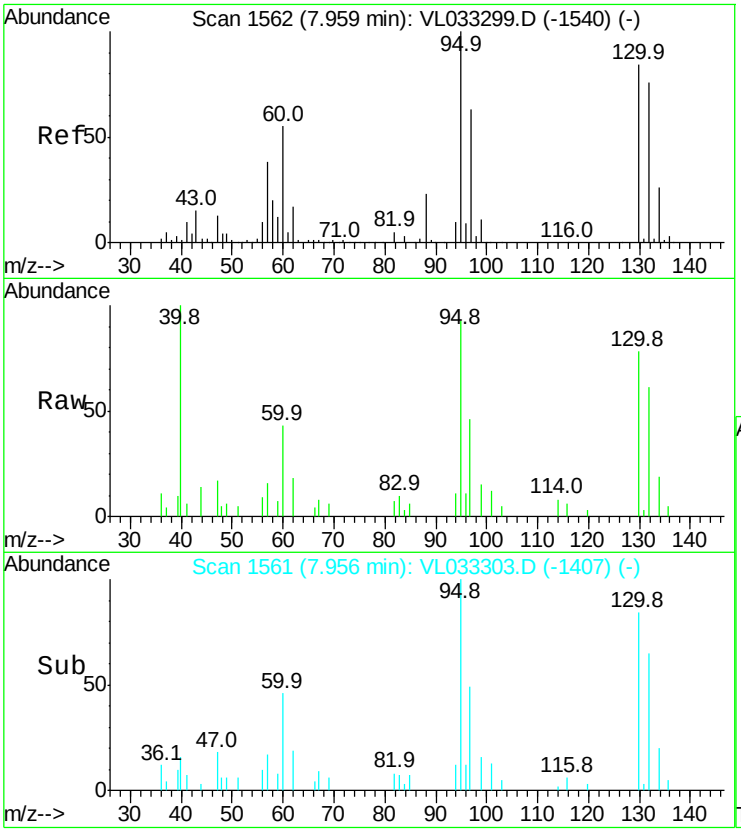


#37
1,2-Dichloroethane
Concen: 0.081 ppbv
RT: 6.41 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 62 Resp: 7725

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.4	6.6#



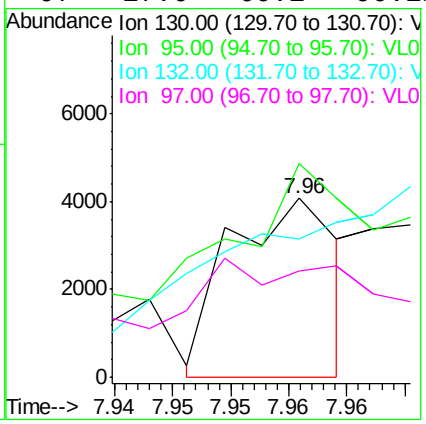


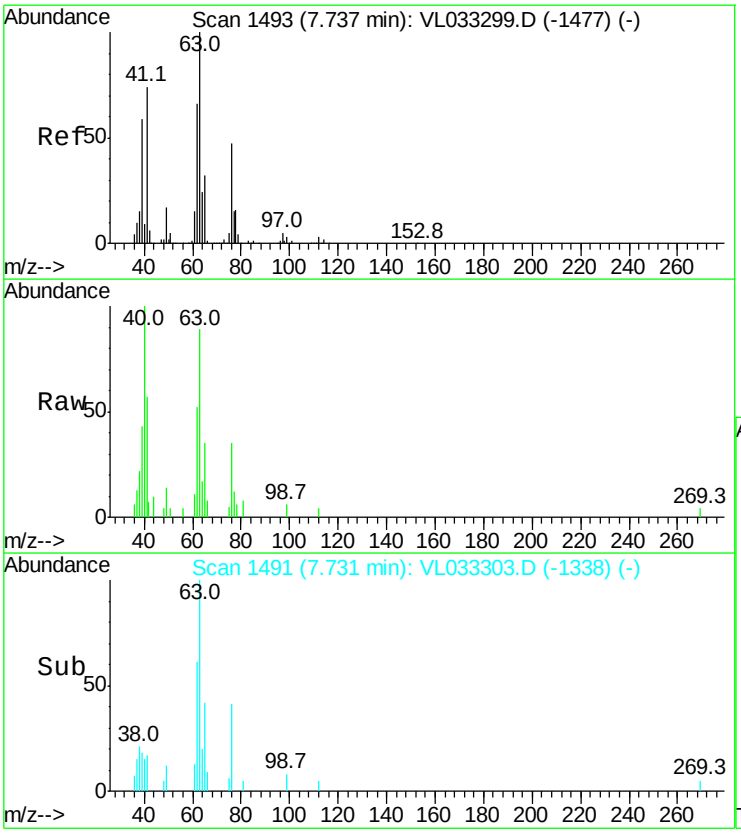
#38
Trichloroethene
Concen: 0.042 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 2625

Ion	Ratio	Lower	Upper
130	100		
95	56.5	95.2	142.8#
132	20.7	72.5	108.7#
97	17.6	60.1	90.1#

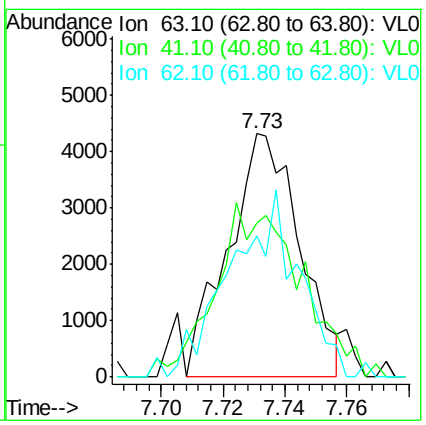


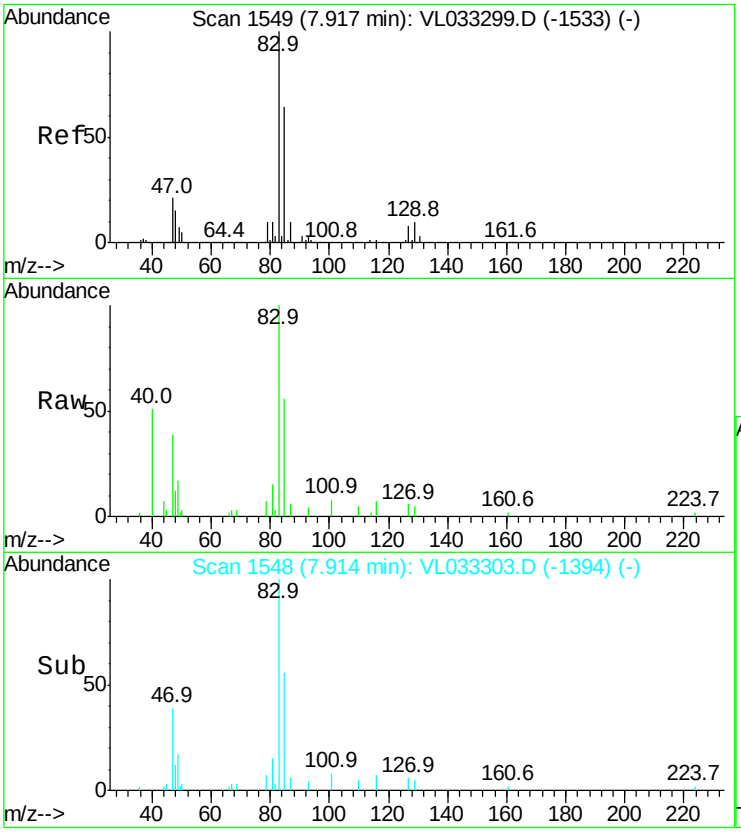


#39
1,2-Dichloropropane
Concen: 0.116 ppbv
RT: 7.73 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 63 Resp: 6944

Ion	Ratio	Lower	Upper
63	100		
41	49.4	59.0	88.4#
62	38.2	53.0	79.4#



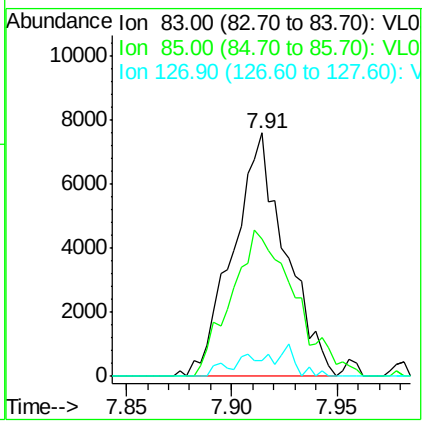


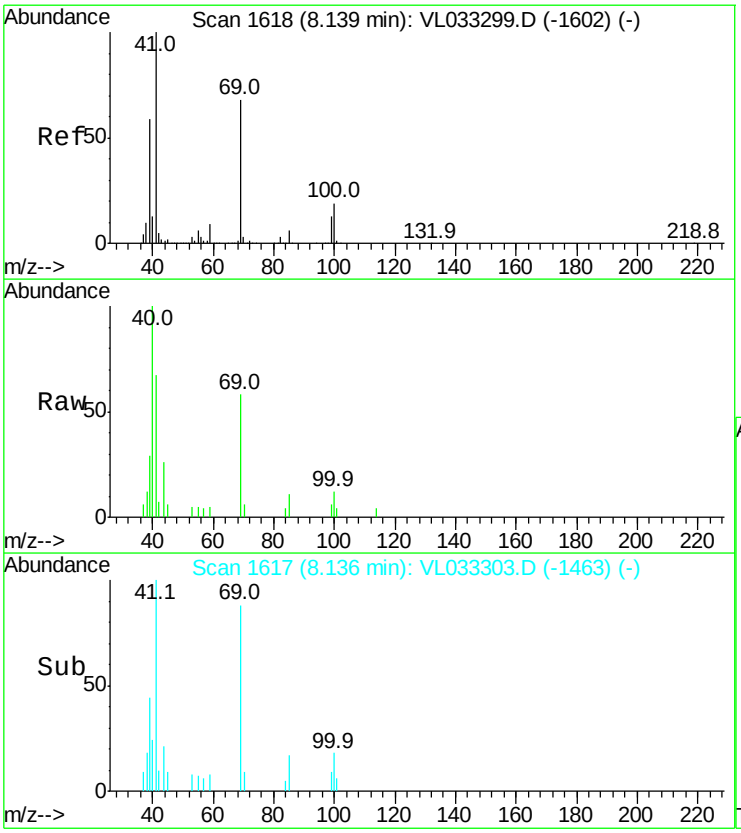
#42
Bromodichloromethane
Concen: 0.100 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 13141

Ion	Ratio	Lower	Upper
83	100		
85	56.3	51.0	76.4
127	6.3	6.6	10.0#

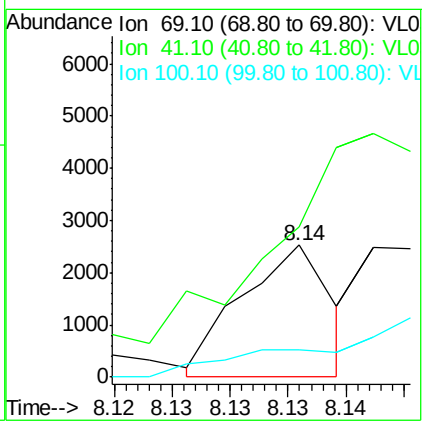


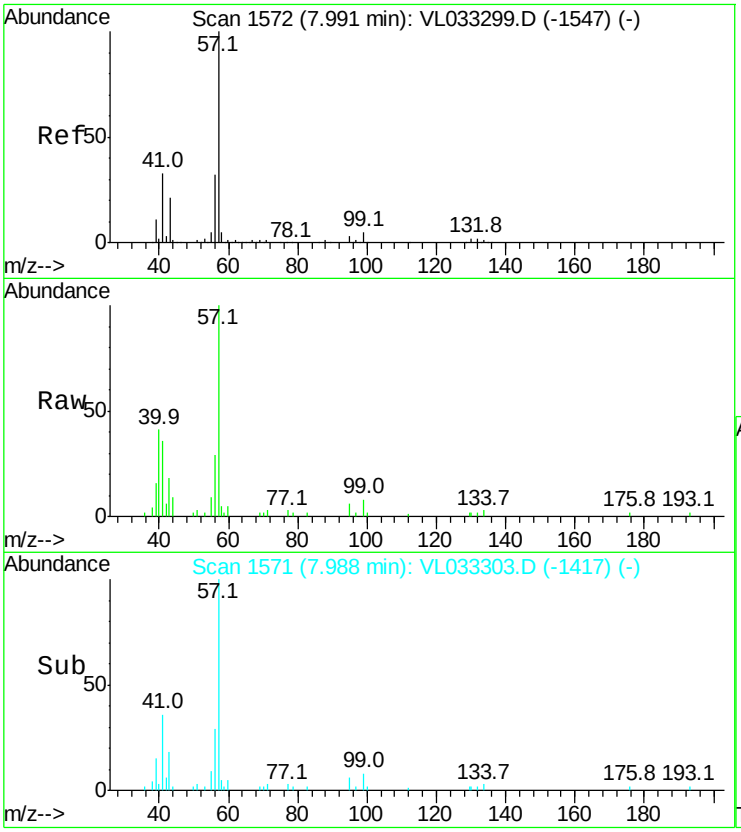


#43
Methyl Methacrylate
Concen: 0.022 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 69 Resp: 1361

Ion	Ratio	Lower	Upper
69	100		
41	0.0	117.0	175.4#
100	0.0	24.3	36.5#



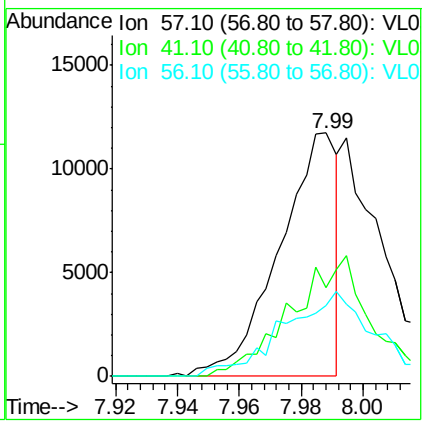


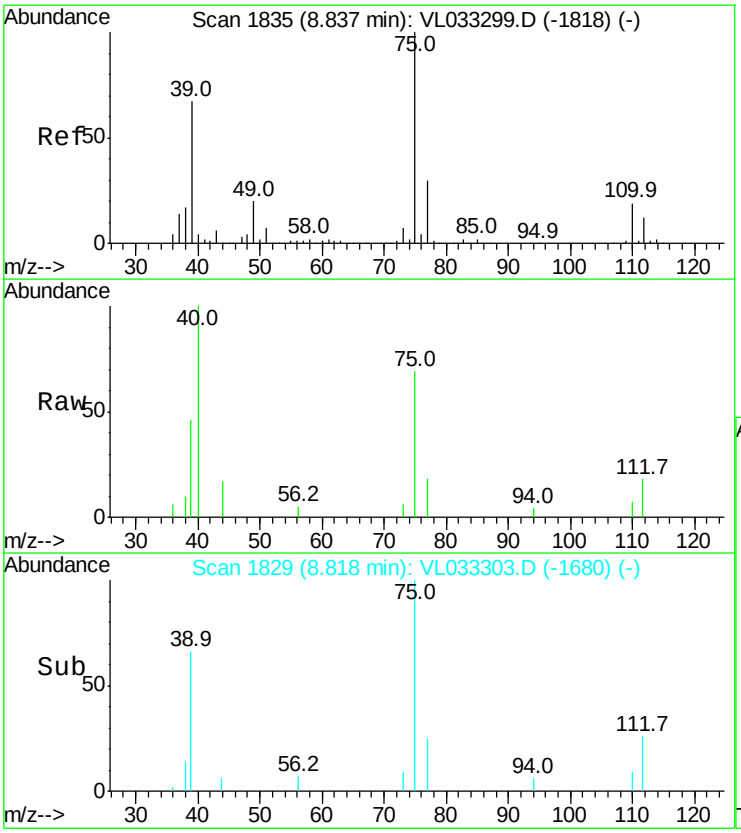
#44
2,2,4-Trimethylpentane
Concen: 0.056 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 15214

Ion	Ratio	Lower	Upper
57	100		
41	0.0	25.9	38.9#
56	0.0	24.6	36.8#

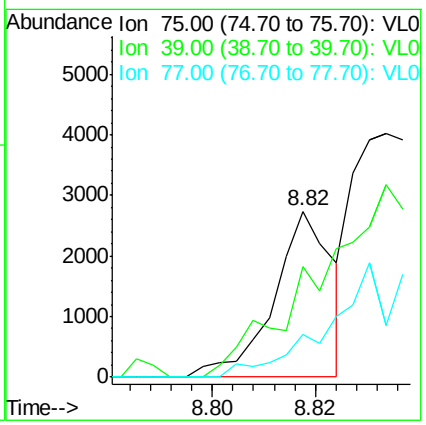


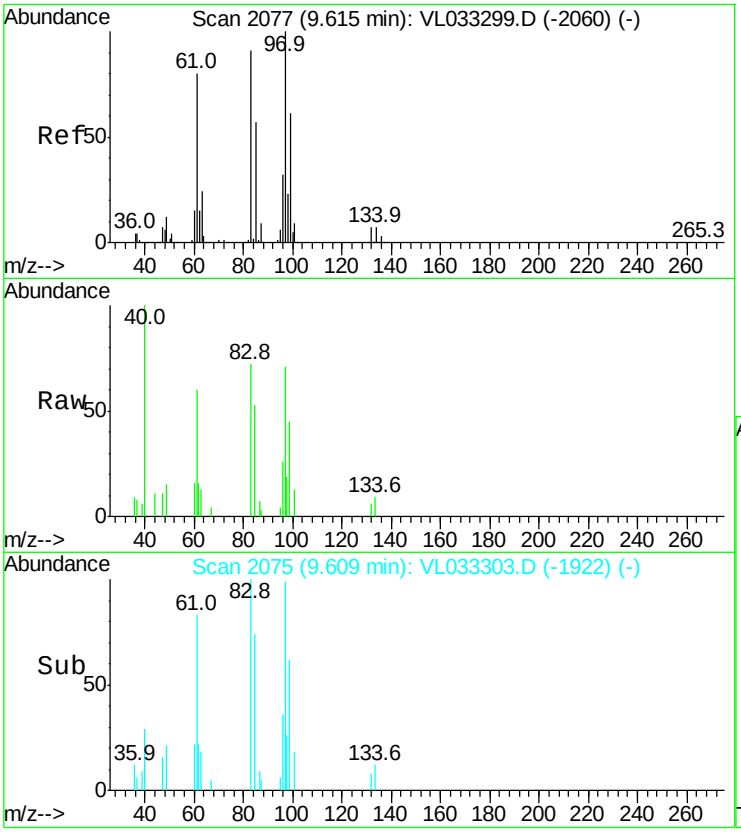


#46
cis-1,3-Dichloropropene
Concen: 0.024 ppbv
RT: 8.82 min Scan# 1829
Delta R.T. -0.02 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 75 Resp: 2140

Ion	Ratio	Lower	Upper
75	100		
39	66.3	53.4	80.2
77	25.4	23.7	35.5



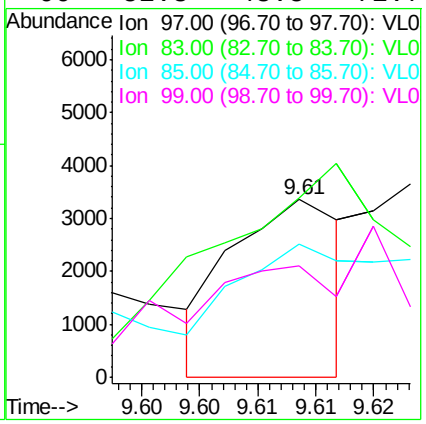


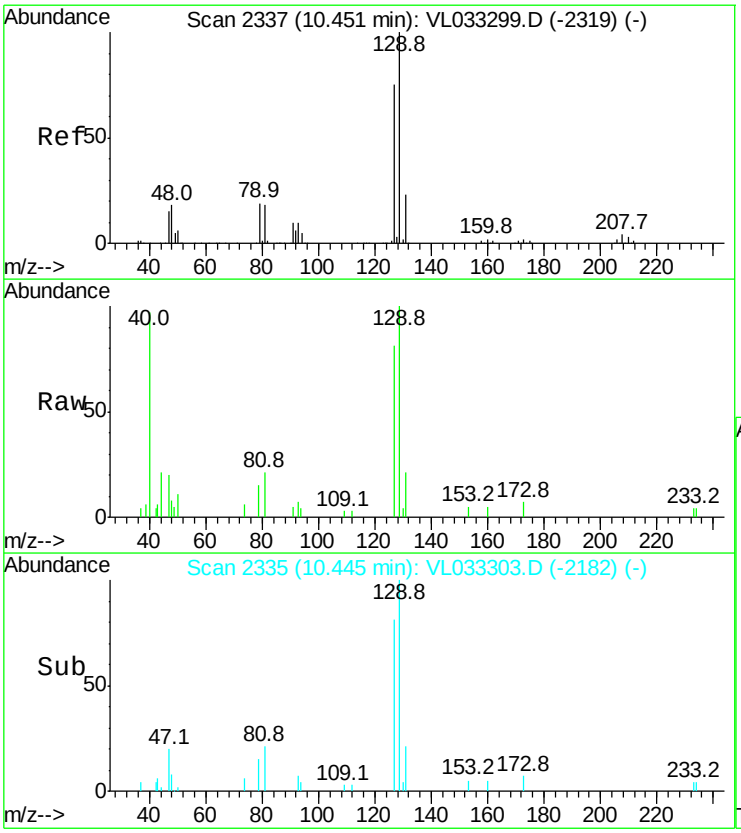
#47
1,1,2-Trichloroethane
Concen: 0.035 ppbv
RT: 9.61 min Scan# 2075
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 97 Resp: 2220

Ion	Ratio	Lower	Upper
97	100		
83	54.6	72.7	109.1#
85	82.5	45.6	68.4#
99	52.8	48.5	72.7

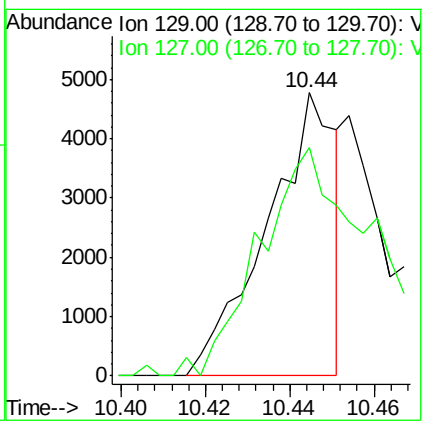


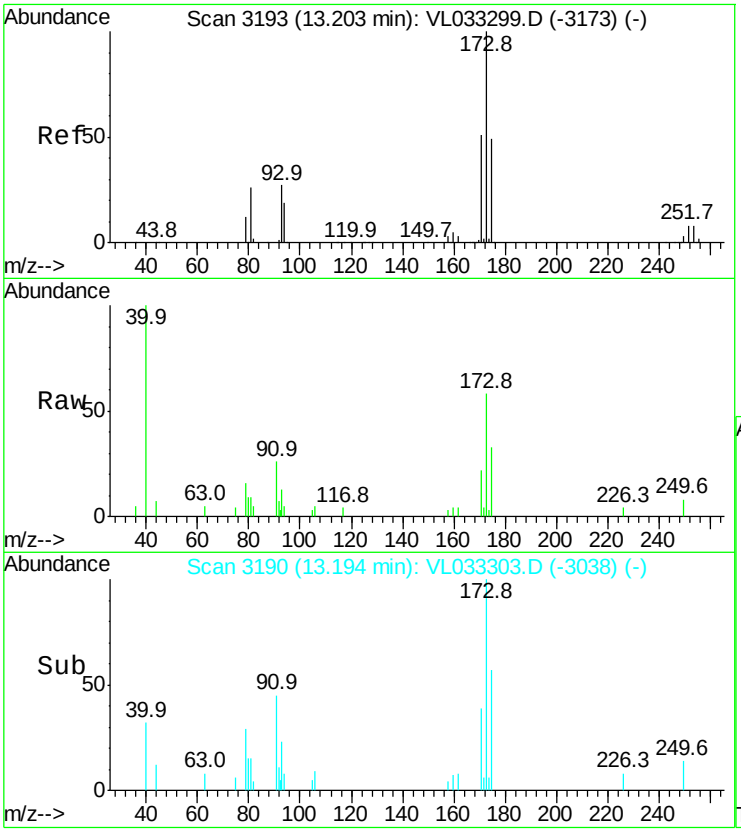


#48
Dibromochloromethane
Concen: 0.051 ppbv
RT: 10.44 min Scan# 2335
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:129 Resp: 5405

Ion	Ratio	Lower	Upper
129	100		
127	136.1	39.0	117.0#



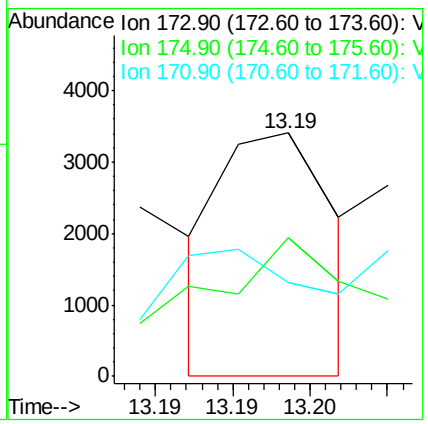


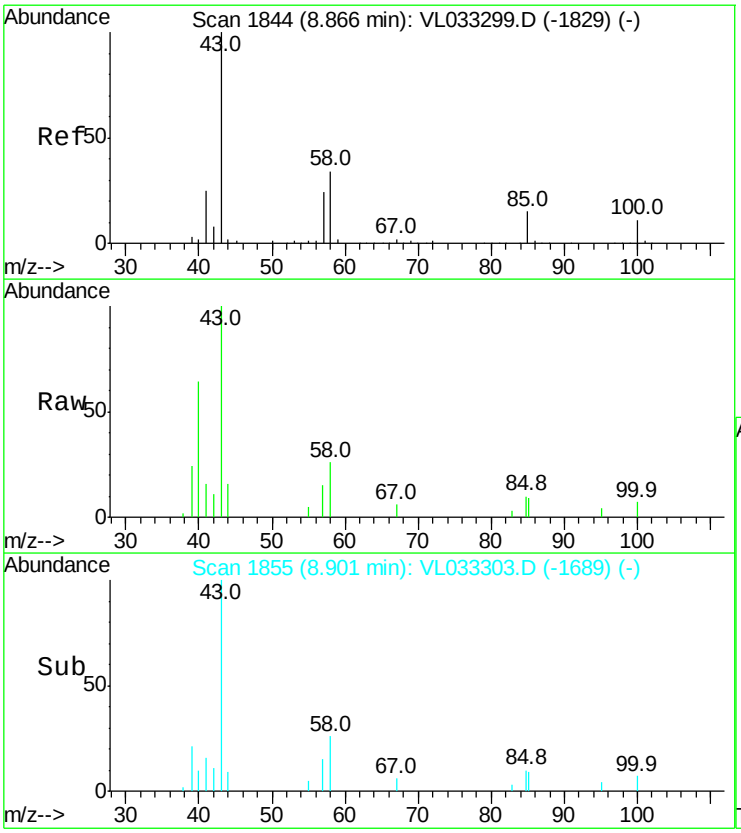
#49
Bromoform
Concen: 0.020 ppbv
RT: 13.19 min Scan# 3190
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:173 Resp: 1715

Ion	Ratio	Lower	Upper
173	100		
175	199.6	38.6	58.0#
171	0.0	42.0	63.0#

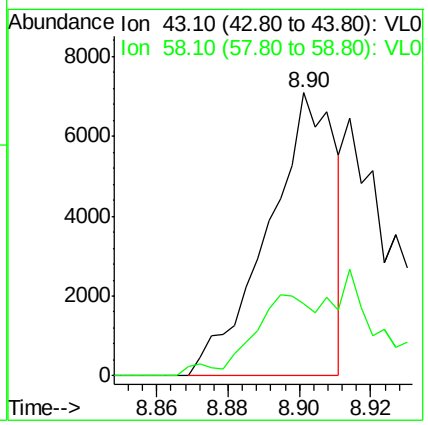


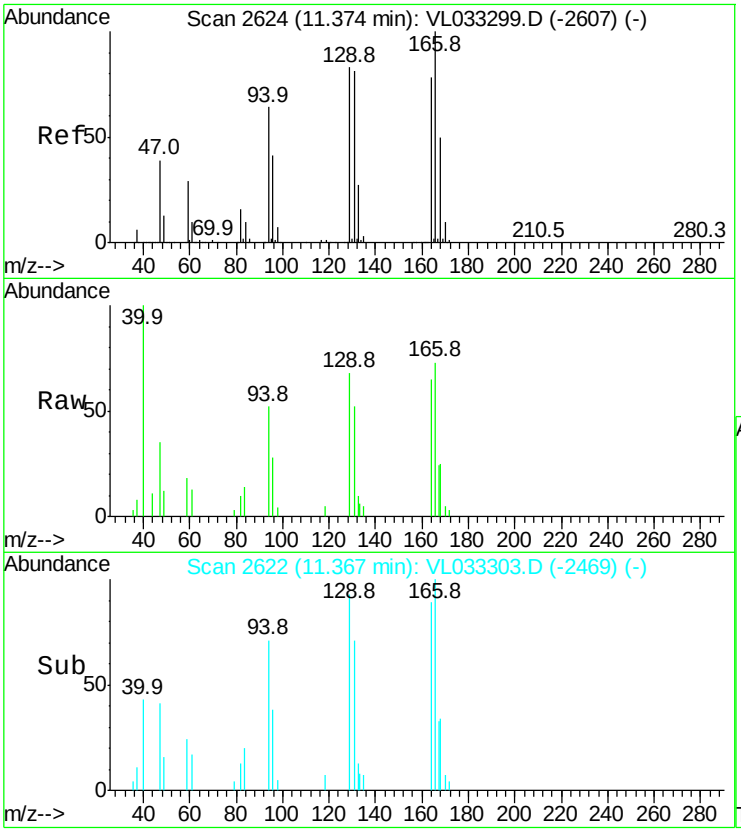


#50
4-Methyl-2-Pentanone
Concen: 0.057 ppbv
RT: 8.90 min Scan# 1855
Delta R.T. 0.04 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 43 Resp: 9255

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.2#



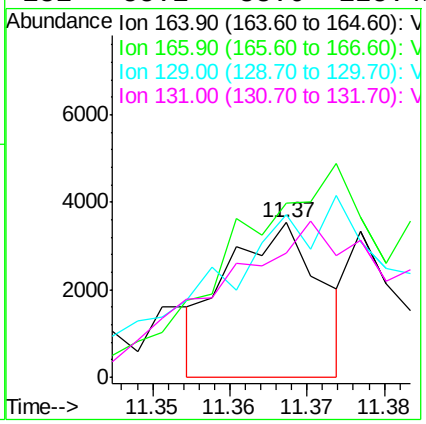


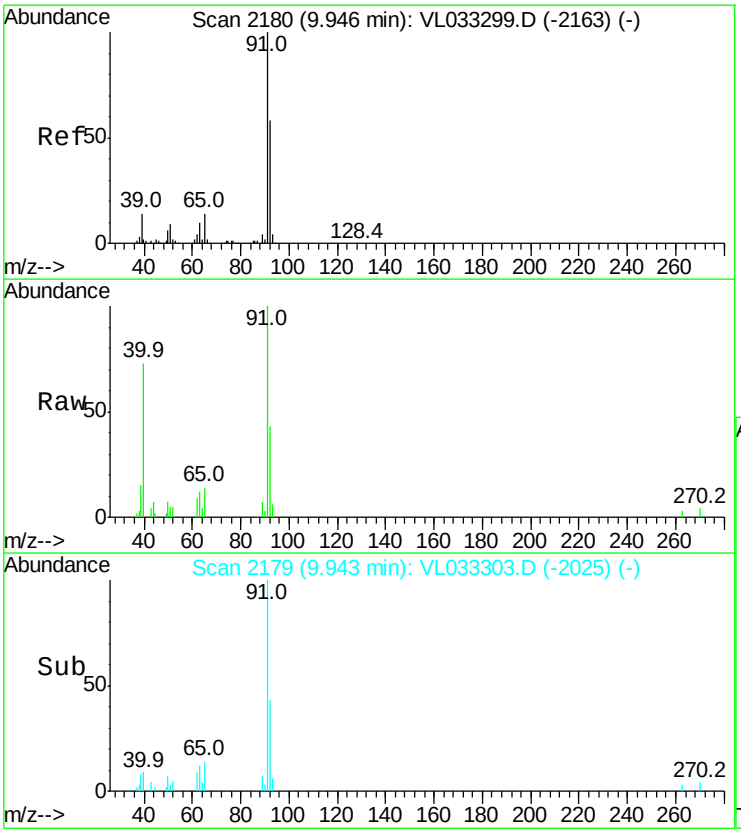
#52
Tetrachloroethene
Concen: 0.051 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:164 Resp: 2982

Ion	Ratio	Lower	Upper
164	100		
166	115.7	103.2	154.8
129	102.1	85.8	128.8
131	55.1	83.6	125.4#

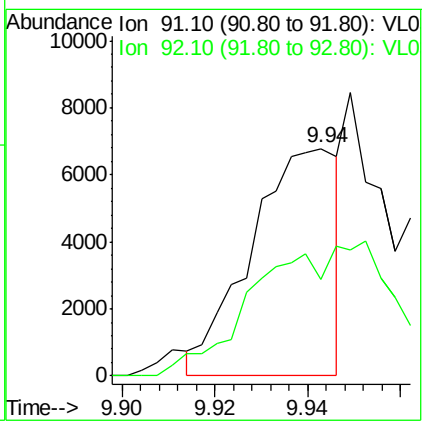


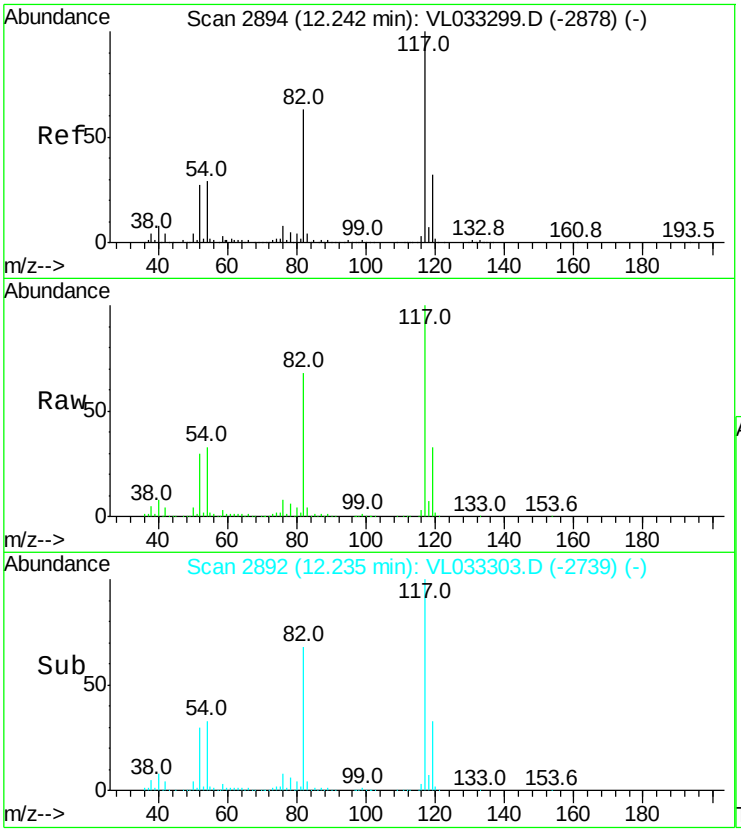


#53
Toluene
Concen: 0.048 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 91 Resp: 8828

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.2#



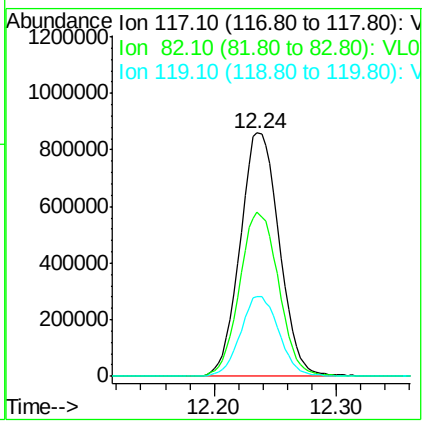


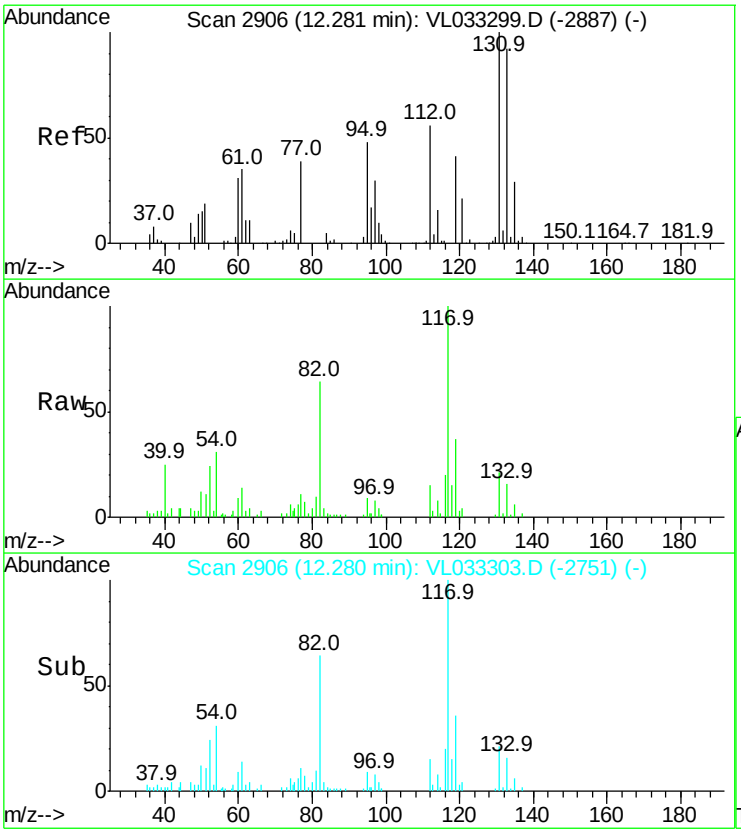
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 1903887

Ion	Ratio	Lower	Upper
117	100		
82	67.8	51.3	76.9
119	32.4	27.0	40.4

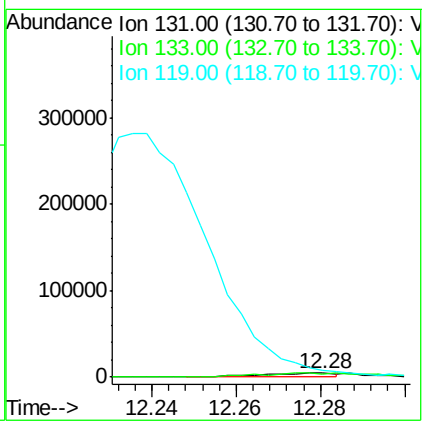


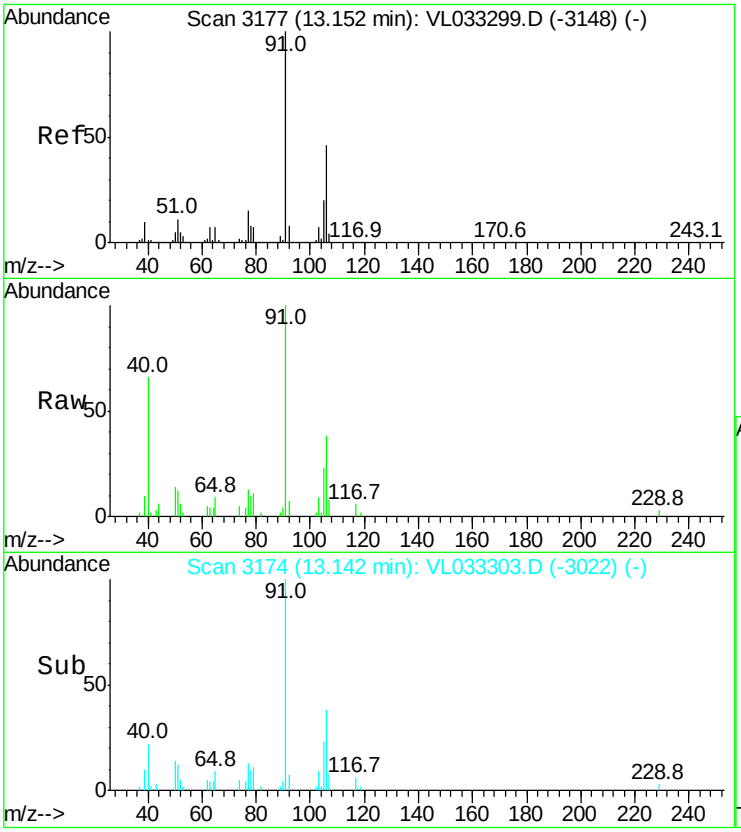


#56
1,1,1,2-Tetrachloroethane
Concen: 0.072 ppbv
RT: 12.28 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:131 Resp: 5804

Ion	Ratio	Lower	Upper
131	100		
133	161.7	75.3	112.9#
119	0.0	45.0	67.4#



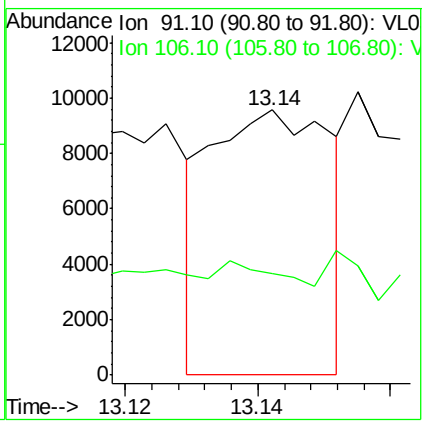


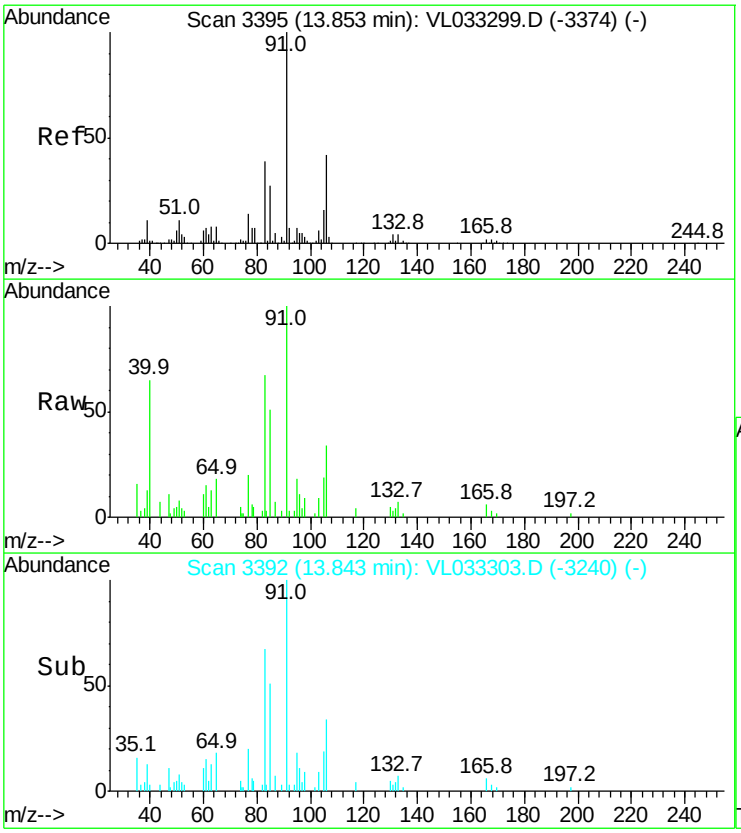
#59
m/p-Xylene
Concen: 0.054 ppbv
RT: 13.14 min Scan# 3174
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 11924

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

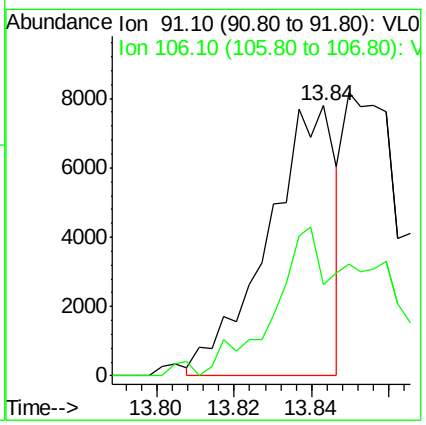


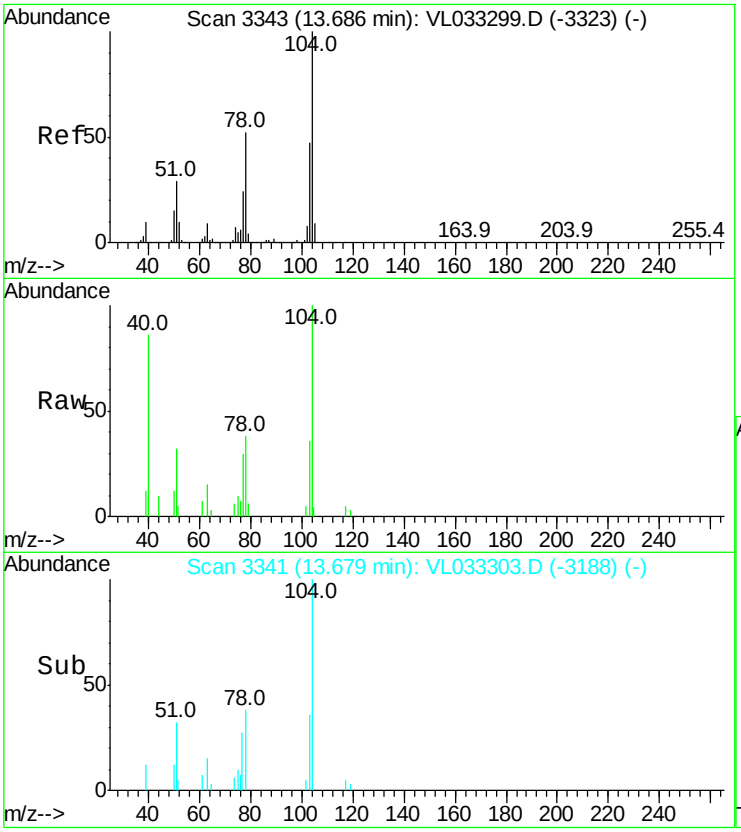


#60
o-Xylene
Concen: 0.045 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 91 Resp: 9486

Ion	Ratio	Lower	Upper
91	100		
106	86.8	21.4	64.3#



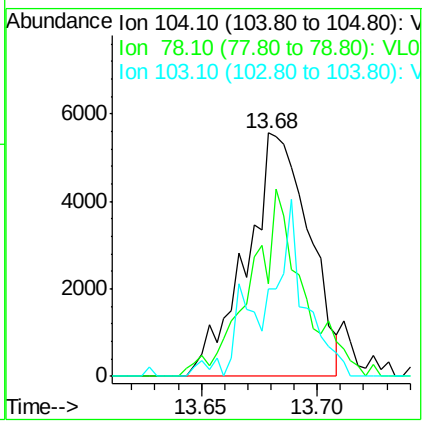


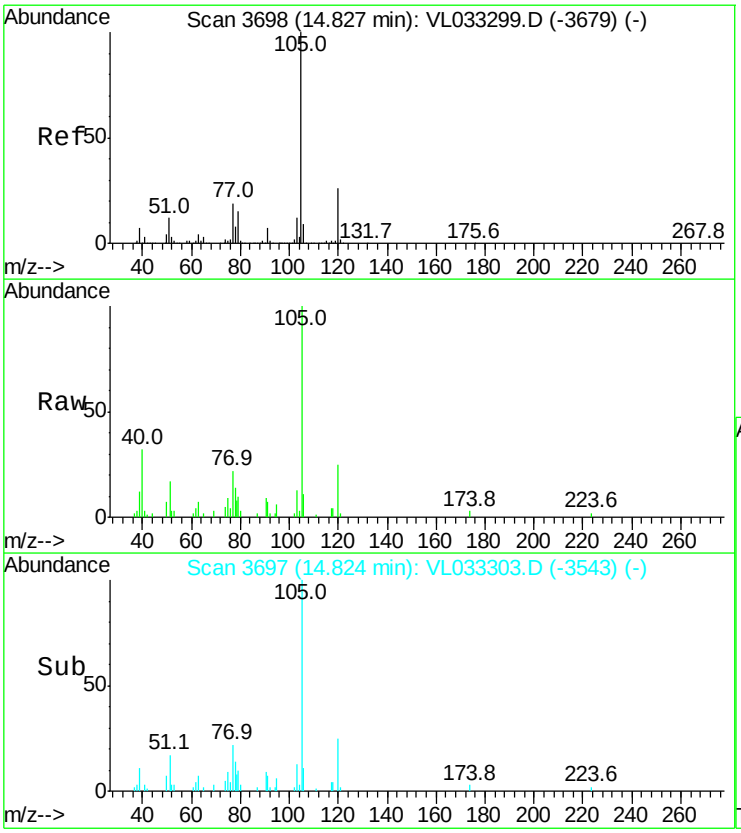
#61
Styrene
Concen: 0.069 ppbv
RT: 13.68 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:104 Resp: 10390

Ion	Ratio	Lower	Upper
104	100		
78	64.9	43.3	64.9
103	46.8	38.2	57.2

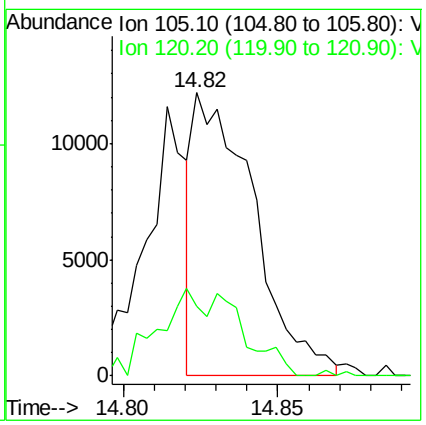


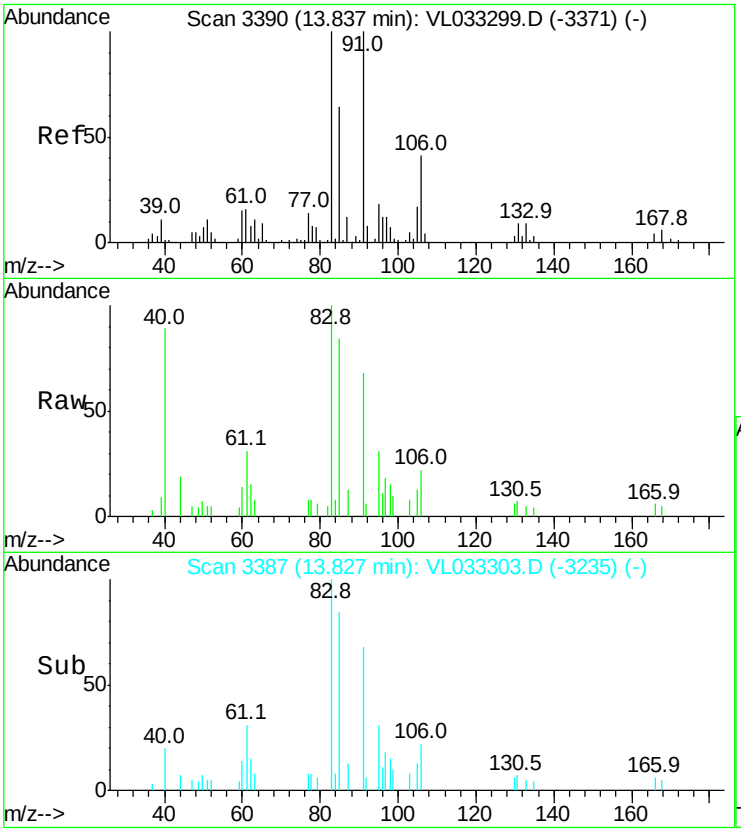


#62
Isopropylbenzene
Concen: 0.056 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:105 Resp: 16405

Ion	Ratio	Lower	Upper
105	100		
120	42.5	19.9	29.9#



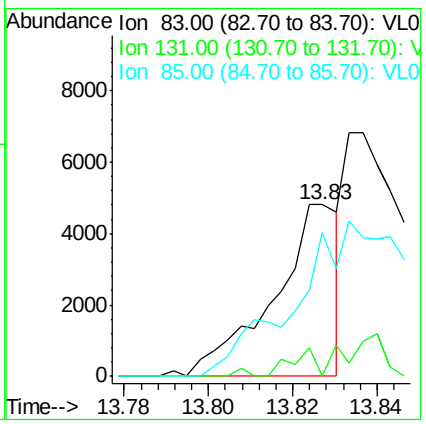


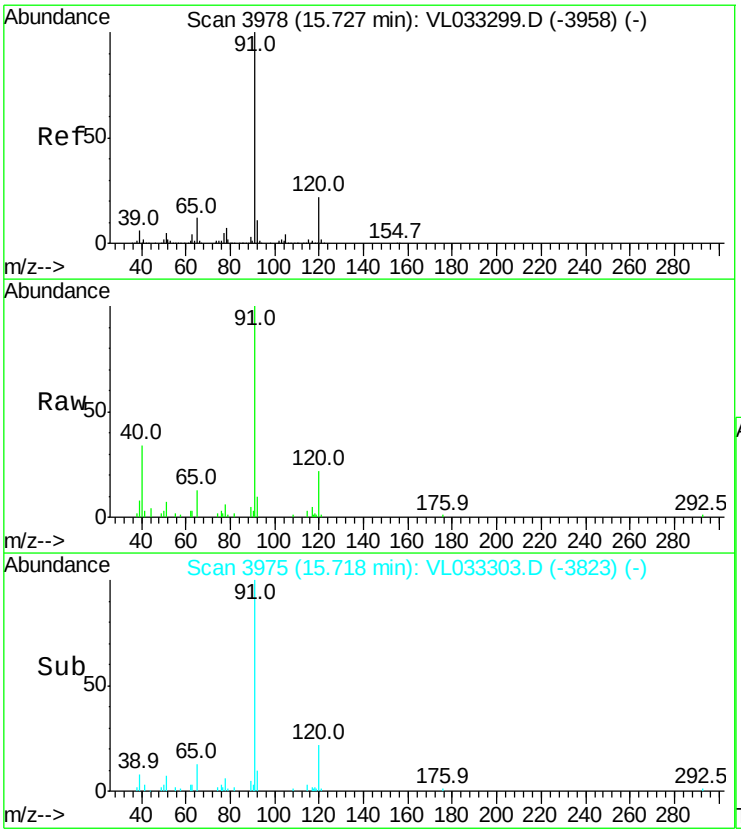
#63
1,1,2,2-Tetrachloroethane
Concen: 0.036 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 5119

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.5	97.4#

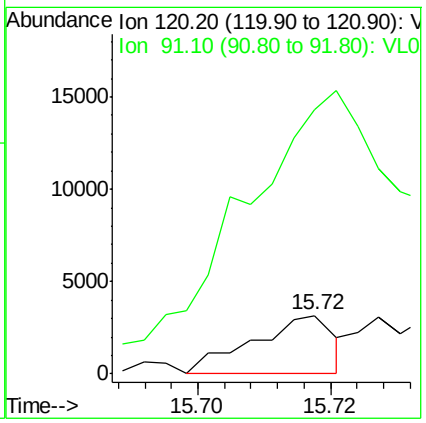


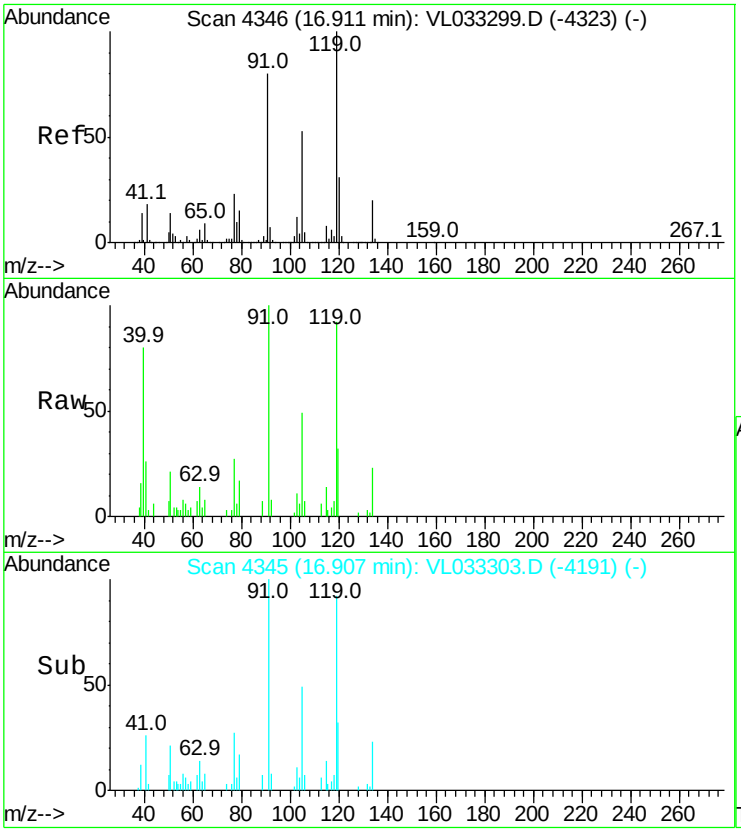


#64
n-propylbenzene
Concen: 0.038 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:120 Resp: 2710

Ion	Ratio	Lower	Upper
120	100		
91	1232.7	393.7	590.5#



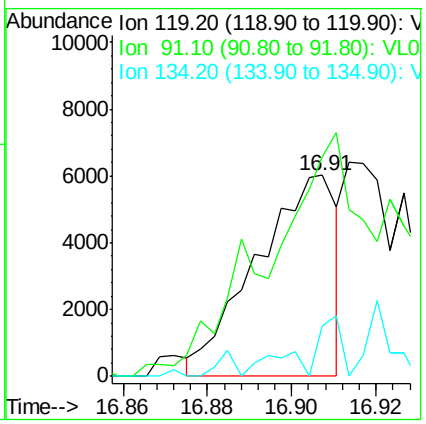


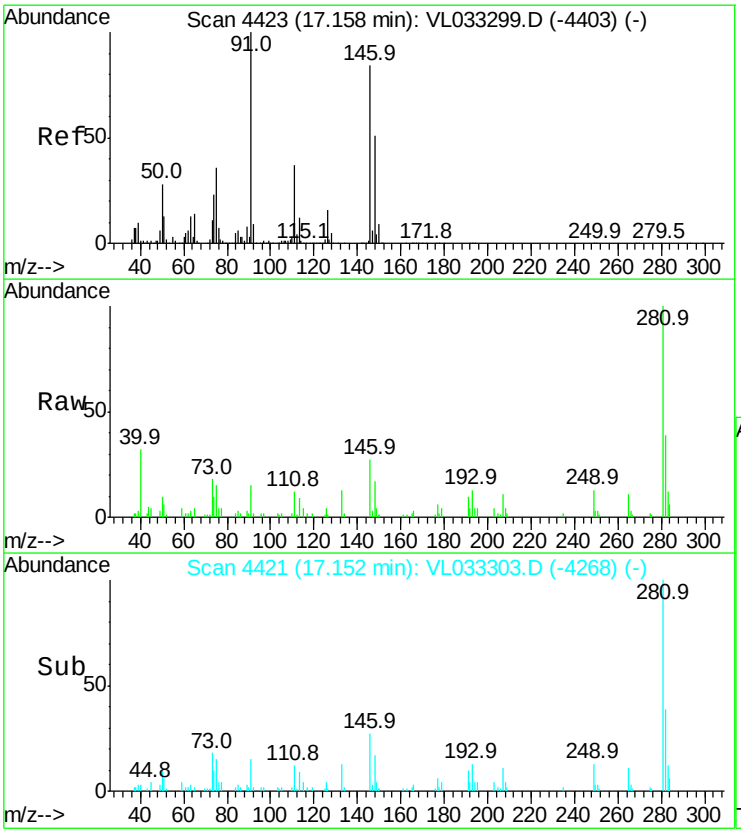
#65
tert-Butylbenzene
Concen: 0.032 ppbv
RT: 16.91 min Scan# 4345
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:119 Resp: 7920

Ion	Ratio	Lower	Upper
119	100		
91	0.0	66.4	99.6#
134	0.0	15.4	23.2#

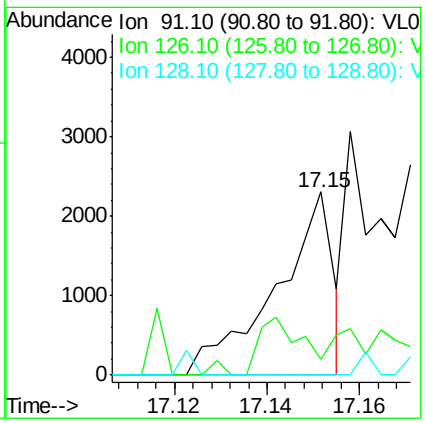


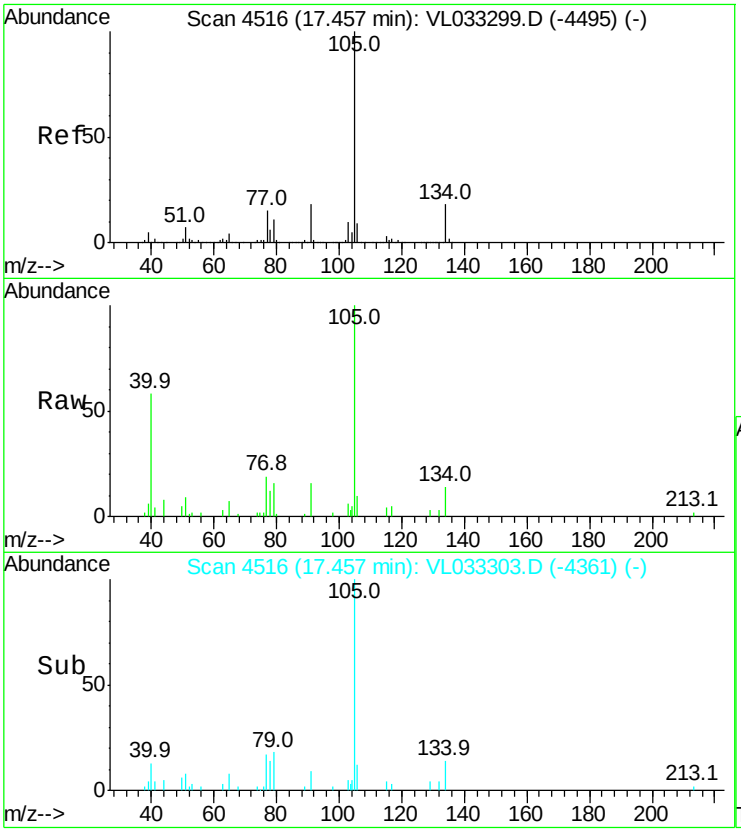


#66
Benzyl Chloride
Concen: 0.020 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 91 Resp: 1947

Ion	Ratio	Lower	Upper
91	100		
126	58.9	12.9	19.3#
128	3.1	4.2	6.2#



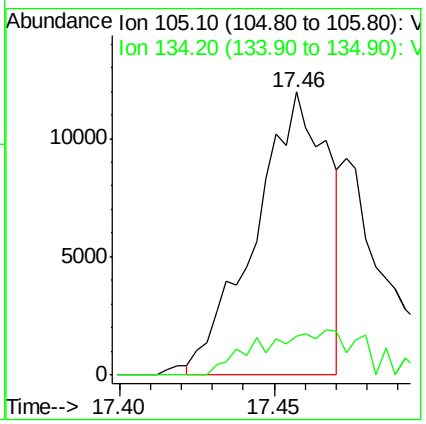


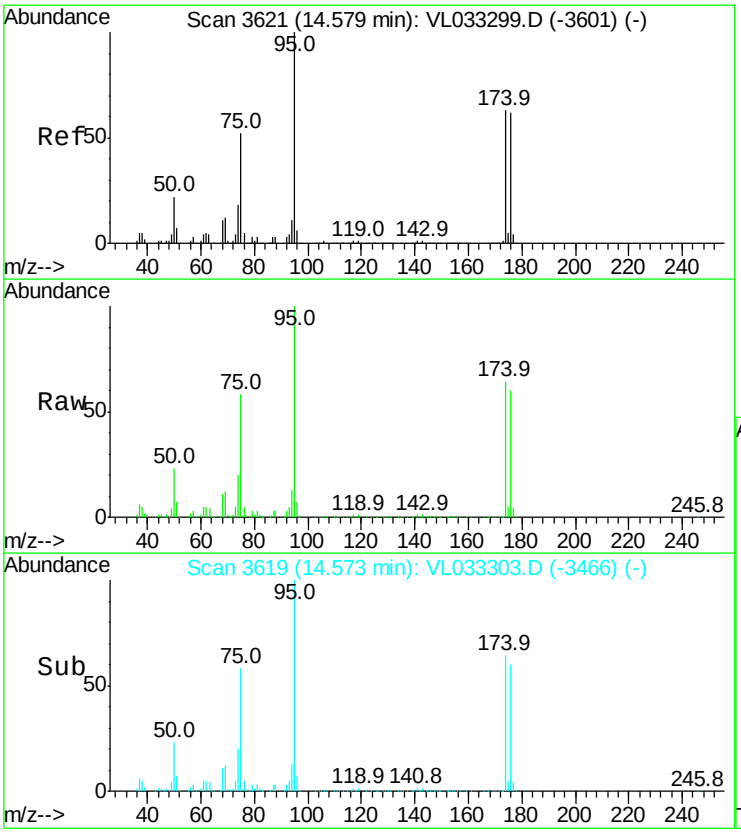
#67
sec-Butylbenzene
Concen: 0.056 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 19666

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.2	21.2#

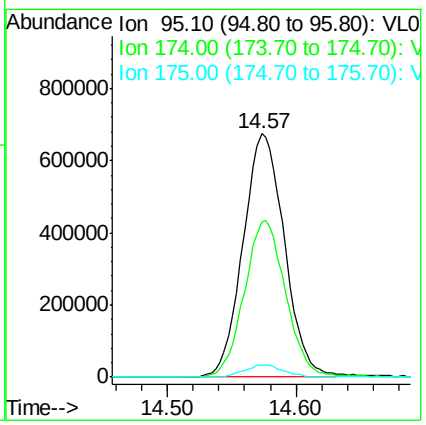


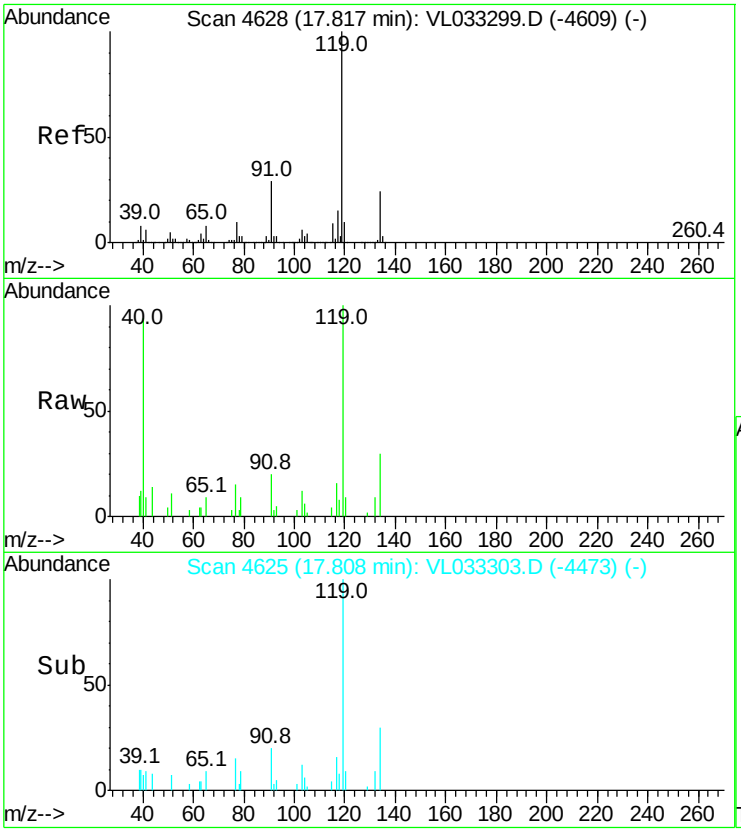


#68
1-Bromo-4-Fluorobenzene
Concen: 10.256 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 95 Resp: 1507924

Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.9	77.9
175	4.8	3.9	5.9



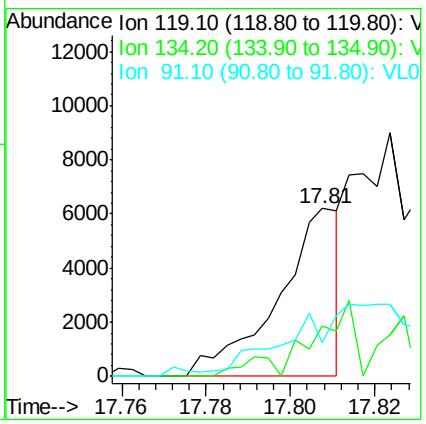


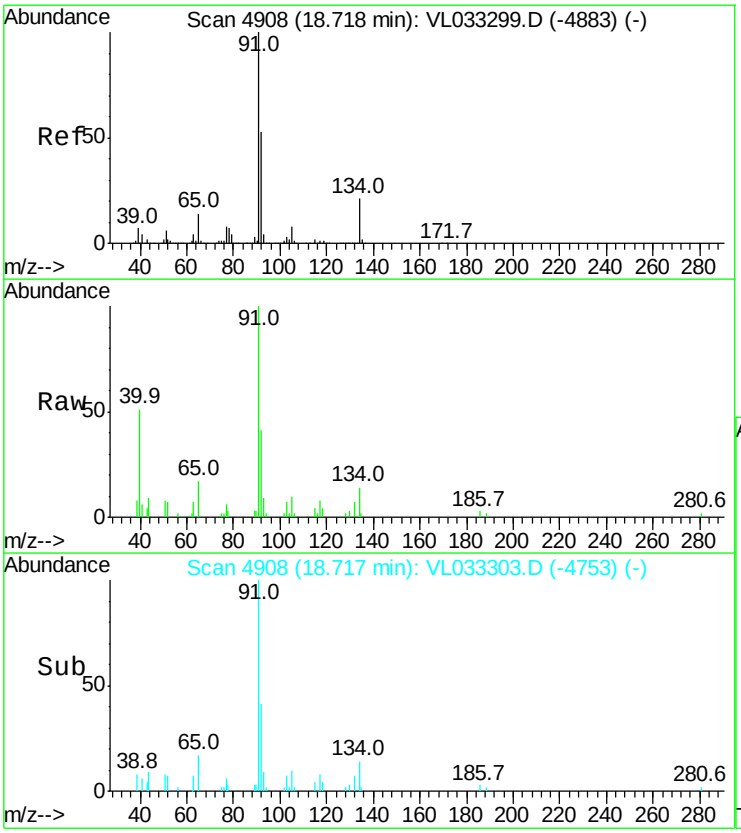
#69
p-Isopropyltoluene
Concen: 0.022 ppbv
RT: 17.81 min Scan# 4625
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 6281

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	0.0	23.8	35.8#

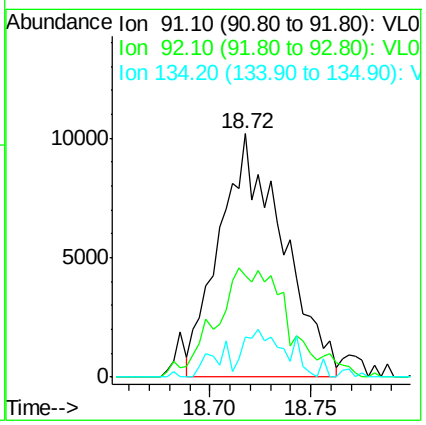


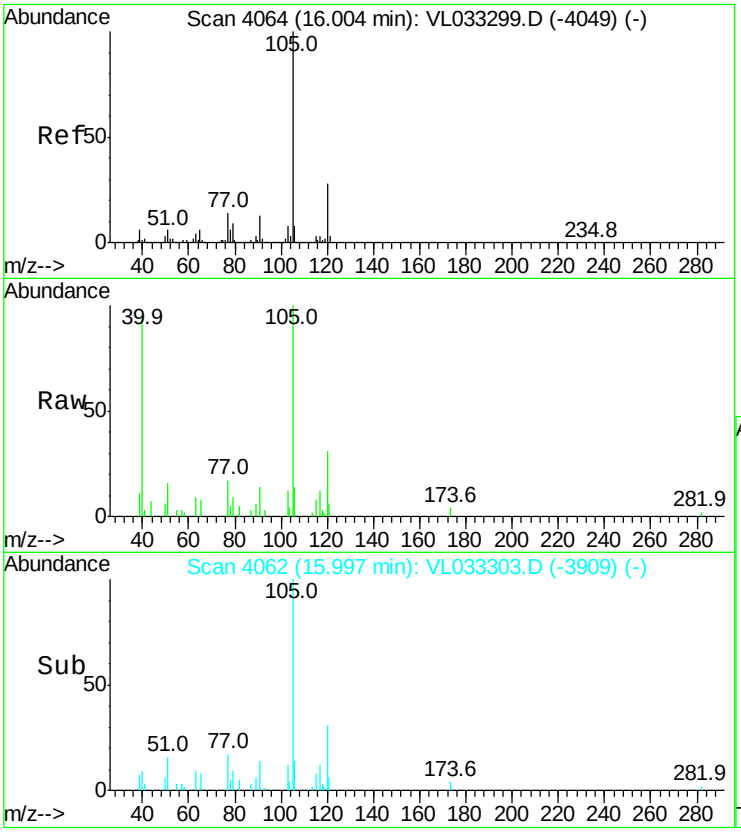


#70
n-Butylbenzene
Concen: 0.073 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion: 91 Resp: 22225

Ion	Ratio	Lower	Upper
91	100		
92	52.2	42.6	63.8
134	17.6	17.4	26.0



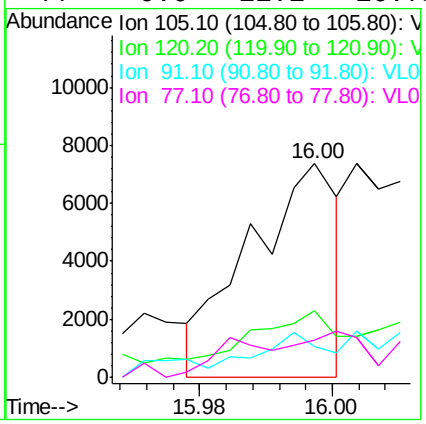


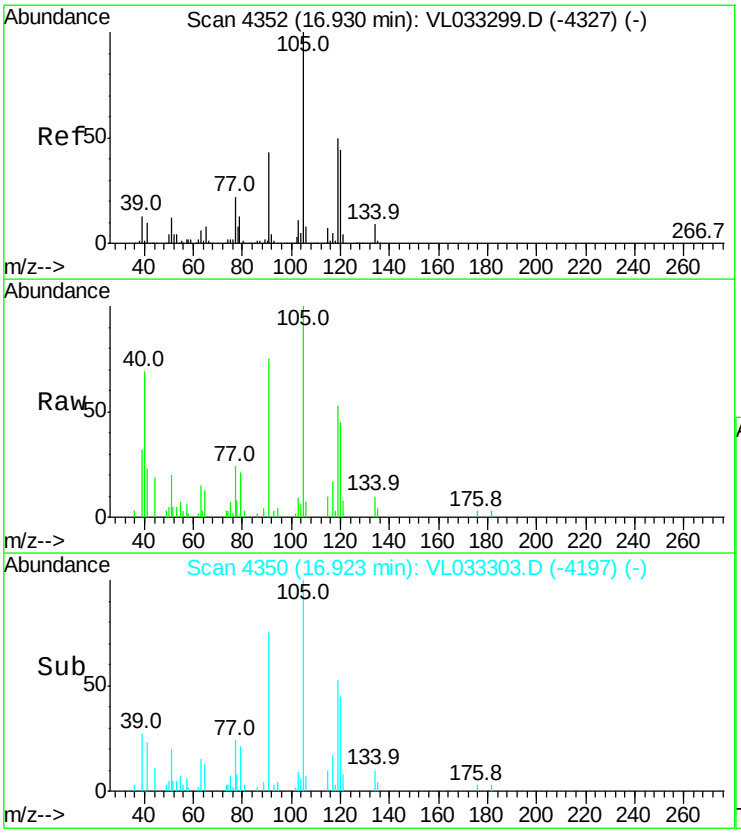
#72
4-Ethyltoluene
Concen: 0.030 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 6851

Ion	Ratio	Lower	Upper
105	100		
120	75.9	22.7	34.1#
91	0.0	10.3	15.5#
77	0.0	11.1	16.7#

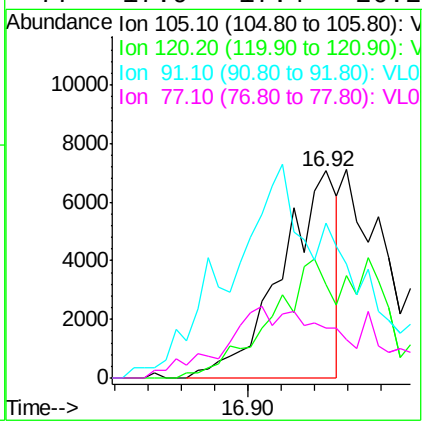


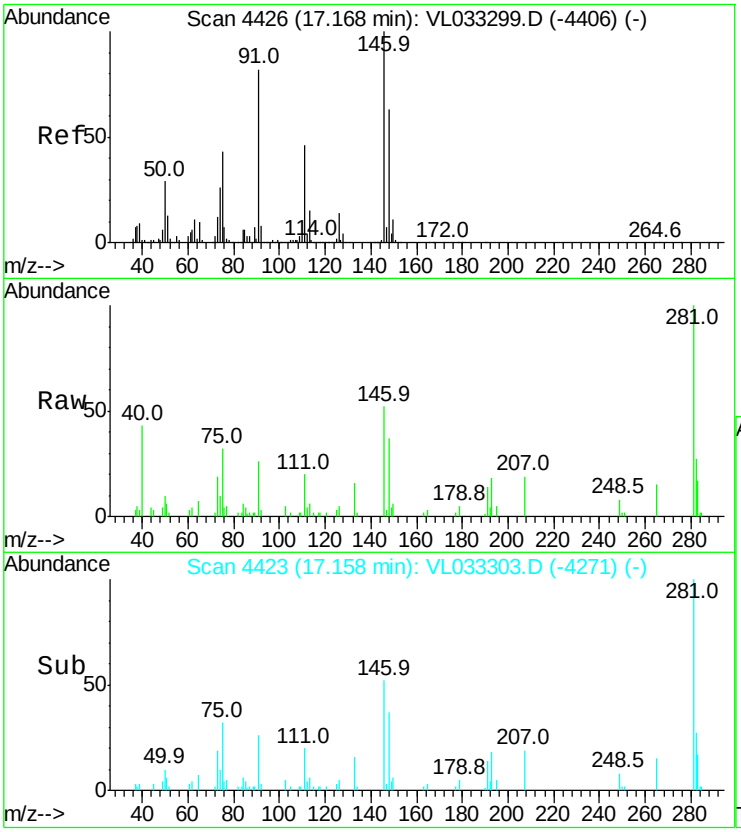


#74
1,2,4-Trimethylbenzene
Concen: 0.038 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:105 Resp: 8256

Ion	Ratio	Lower	Upper
105	100		
120	50.2	35.2	52.8
91	56.8	34.0	51.0#
77	17.9	17.4	26.2



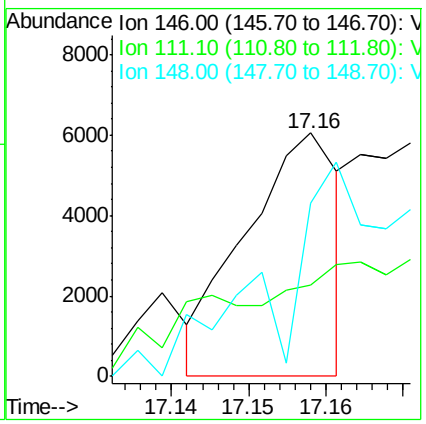


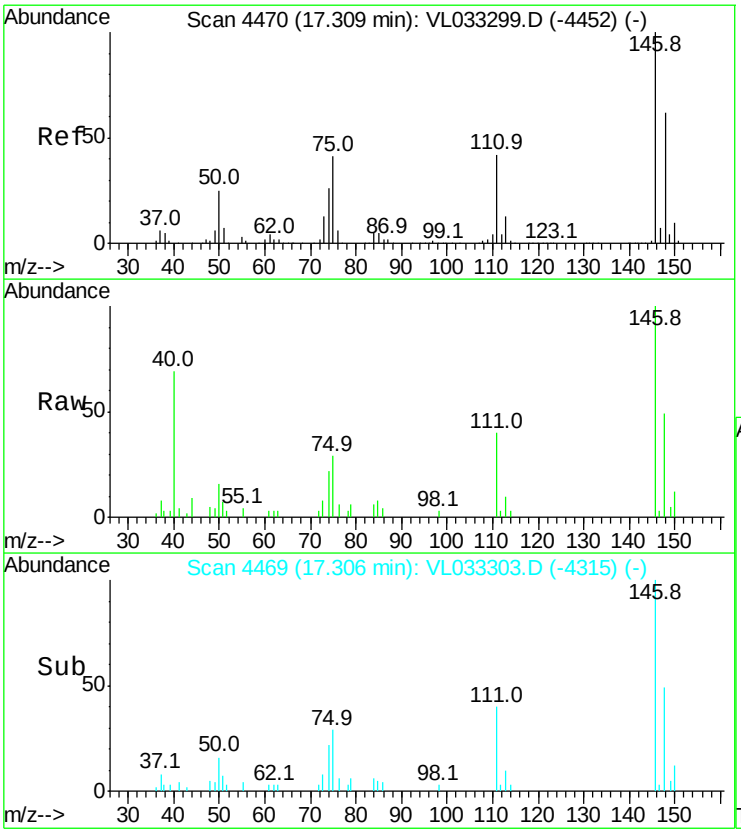
#75
1,3-Dichlorobenzene
Concen: 0.039 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 5090

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.7#
148	196.6	32.4	97.0#

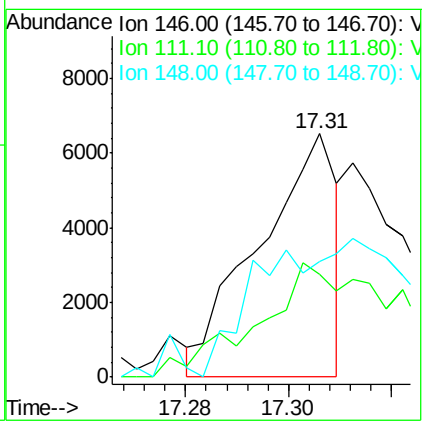


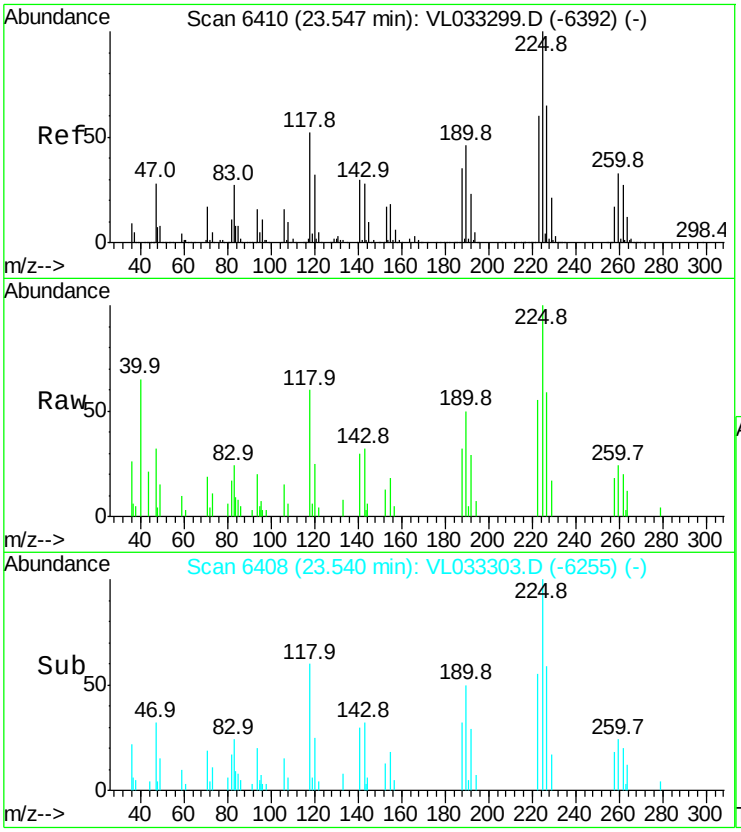


#76
1,4-Dichlorobenzene
Concen: 0.053 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.00 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Tgt Ion:146 Resp: 6808

Ion	Ratio	Lower	Upper
146	100		
111	87.8	21.9	65.5#
148	0.0	31.8	95.4#





#78
Hexachloro-1,3-Butadiene
Concen: 0.059 ppbv
RT: 23.54 min Scan# 6408
Delta R.T. -0.01 min
Lab File: VL033303.D
Acq: 13 Mar 2019 19:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 6353

Ion	Ratio	Lower	Upper
225	100		
223	131.0	50.3	75.5#
227	0.0	51.2	76.8#