Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032352.D
Acq On : 15 Aug 2018 12:35
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Aug 15 13:15:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 11:44:08 2018
QLast Update : Wed Aug 15 11:44:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.82	49	2292036	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.35	114	4800133	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.31	117	4552070	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.64	95	3535458	10.01	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.11	85	34554	0.125	ppbv		99
3) Chlorodifluoromethane	3.05	51	23264	0.102	ppbv		93
4) Chloromethane	3.21	50	13938	0.100	ppbv		95
5) Vinyl Chloride	3.33	62	7367	0.058	ppbv		93
6) Bromomethane	3.56	94	6948	0.100	ppbv		97
7) Chloroethane	3.64	64	2703	0.060	ppbv	#	84
8) Dichlorotetrafluoroethane	3.26	85	29162	0.104	ppbv		99
9) Propene	3.07	41	7413	0.072	ppbv	#	74
11) Trichlorofluoromethane	4.05	101	26887	0.102	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.60	101	19071	0.106	ppbv		94
14) Bromoethene	3.83	108	7489	0.095	ppbv	#	96
15) Acetone	3.97	43	48420	0.224	ppbv	#	87
16) 1,3-Butadiene	3.41	39	5983	0.053	ppbv	#	29
18) 1,1-Dichloroethene	4.40	96	5078	0.061	ppbv		85
20) Methylene Chloride	4.46	84	16619	0.191	ppbv	#	73
21) Allyl Chloride	4.53	41	7809	0.053	ppbv	#	1
22) trans-1,2-Dichloroethene	5.02	96	5512	0.068	ppbv		84
24) 1,1-Dichloroethane	5.14	63	25125	0.090	ppbv	#	93
25) Ethyl Acetate	5.84	43	39975	0.082	ppbv	#	93
26) Hexane	5.83	57	11496	0.052	ppbv	#	1
27) Carbon Disulfide	4.68	76	17714	0.089	ppbv	#	69
28) Methyl tert-Butyl Ether	5.19	73	19606	0.066	ppbv		97
29) Chloroform	5.90	83	29515	0.093	ppbv	#	82
30) Cyclohexane	7.31	84	5211	0.030	ppbv	#	1
31) cis-1,2-Dichloroethene	5.69	61	15153	0.075	ppbv	#	92
32) 1,1,1-Trichloroethane	6.67	97	16504	0.058	ppbv	#	22
34) 2-Butanone	5.41	43	31428	0.101	ppbv		97
35) Carbon Tetrachloride	7.19	117	17256	0.063	ppbv		90
36) Benzene	7.06	78	16337	0.039	ppbv		94
37) 1,2-Dichloroethane	6.46	62	18779	0.077	ppbv	#	91
38) Trichloroethene	8.02	130	7613	0.047	ppbv	#	73
39) 1,2-Dichloropropane	7.35	63	1340143	6.296	ppbv	#	27
42) Bromodichloromethane	7.98	83	13142	0.033	ppbv	#	99
43) Methyl Methacrylate	8.21	69	9392	0.046	ppbv		93
46) cis-1,3-Dichloropropene	8.90	75	12195	0.042	ppbv	#	76
47) 1,1,2-Trichloroethane	9.67	97	7452	0.036	ppbv	#	72
48) Dibromochloromethane	10.52	129	15355	0.050	ppbv		74
49) Bromoform	13.27	173	8312	0.033	ppbv	#	56
52) Tetrachloroethene	11.43	164	6183	0.043	ppbv	#	59
54) 1,2-Dibromoethane	10.83	107	14954	0.051	ppbv		92
56) 1,1,1,2-Tetrachloroethane	12.34	131	9243	0.049	ppbv	#	11

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032352.D
Acq On : 15 Aug 2018 12:35
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Aug 15 13:15:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 11:44:08 2018
QLast Update : Wed Aug 15 11:44:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) Ethyl Benzene	12.93	91	31682	0.056	ppbv		96
59) m/p-Xylene	13.22	91	17151	0.035	ppbv	#	69
62) Isopropylbenzene	14.89	105	22319	0.033	ppbv	#	55
63) 1,1,2,2-Tetrachloroethane	13.90	83	17006	0.044	ppbv	#	3
69) p-Isopropyltoluene	17.88	119	30856	0.047	ppbv	#	81
71) 2-Chlorotoluene	15.68	91	20827	0.039	ppbv	#	64
73) 1,3,5-Trimethylbenzene	16.23	105	22474	0.043	ppbv	#	75
74) 1,2,4-Trimethylbenzene	16.99	105	22085	0.040	ppbv		97
75) 1,3-Dichlorobenzene	17.23	146	30805	0.096	ppbv		94
77) 1,2-Dichlorobenzene	18.06	146	18609	0.059	ppbv		77

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

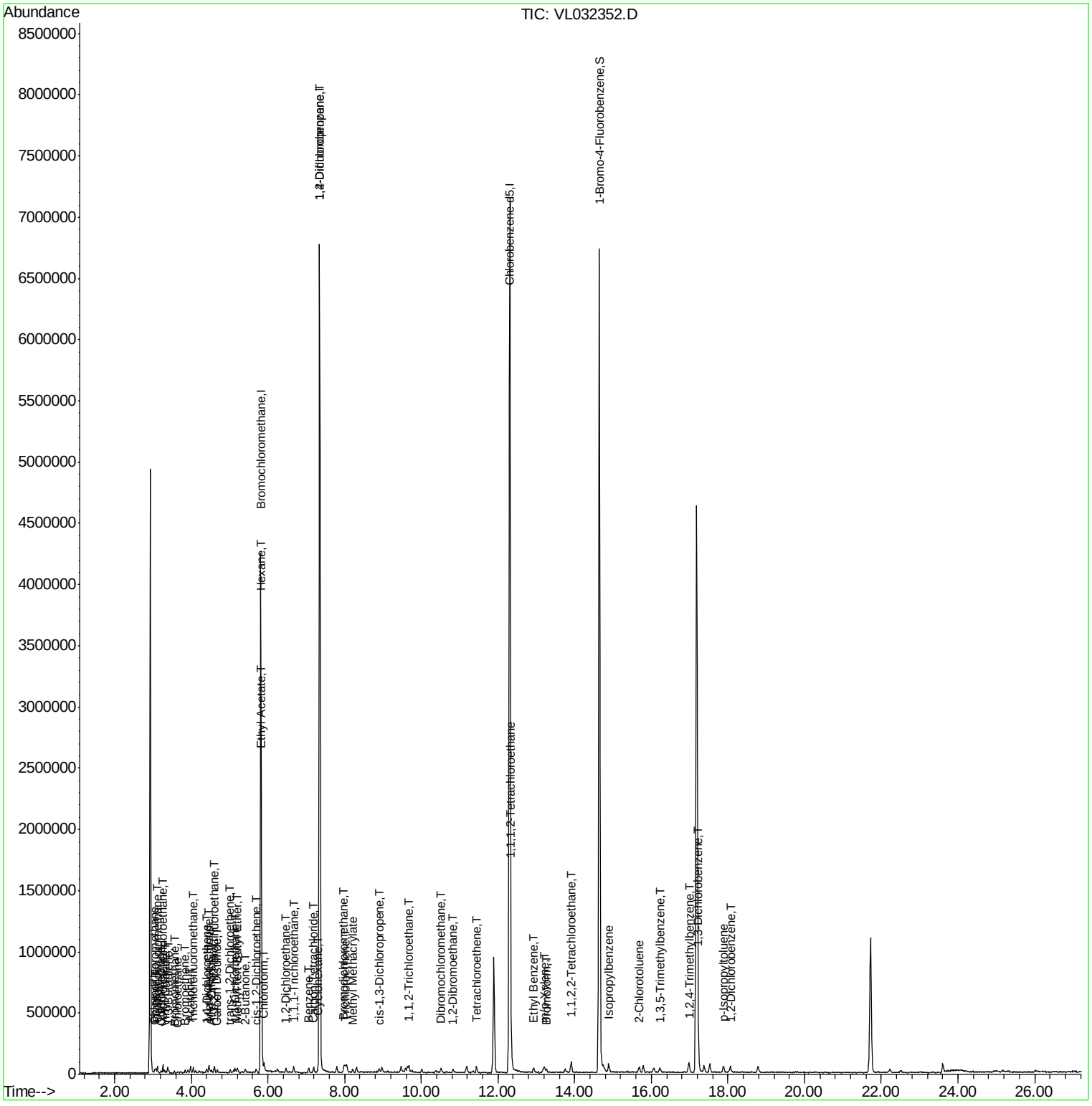
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\

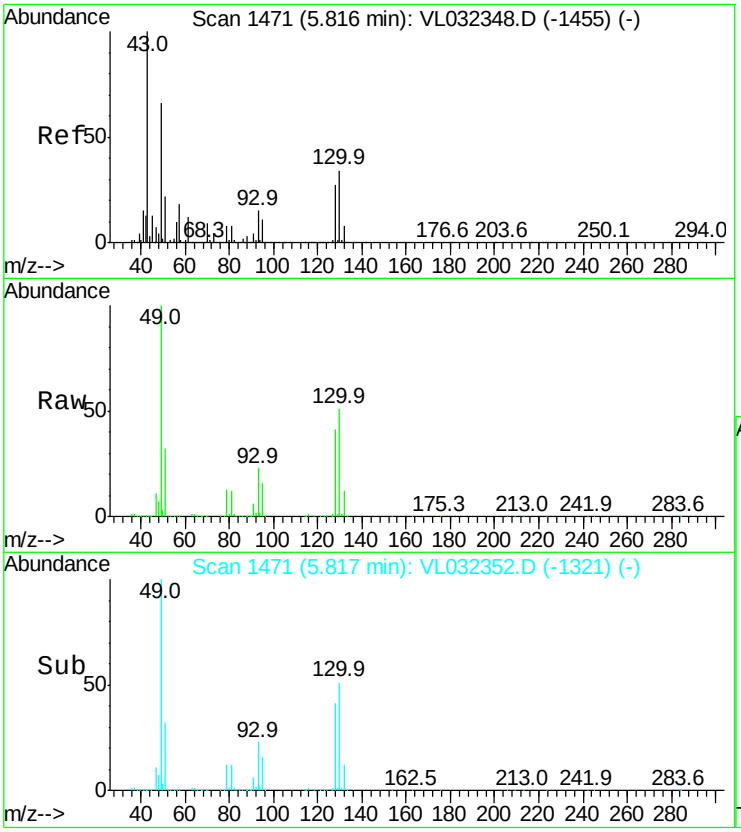
Quantitation Report (Not Reviewed)

Data File : VL032352.D
Acq On : 15 Aug 2018 12:35
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Aug 15 13:15:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 11:44:08 2018
QLast Update : Wed Aug 15 11:44:08 2018
Response via : Initial Calibration



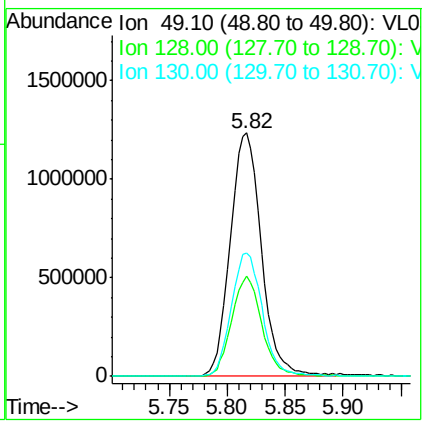


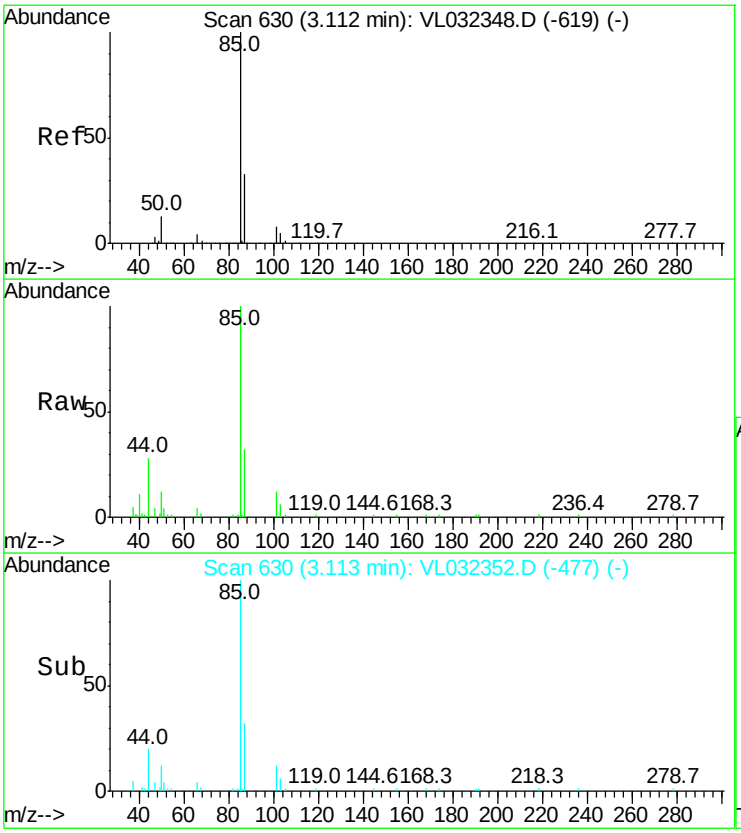
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1471
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 2292036

Ion	Ratio	Lower	Upper
49	100		
128	40.2	20.2	60.6
130	50.7	25.8	77.3

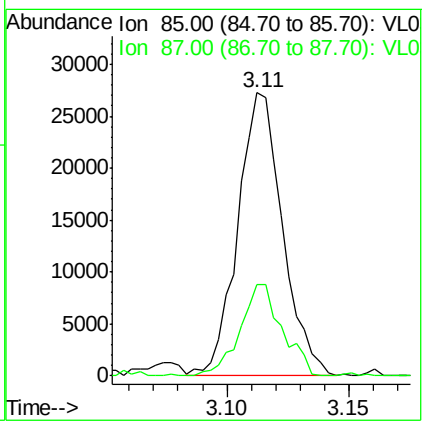


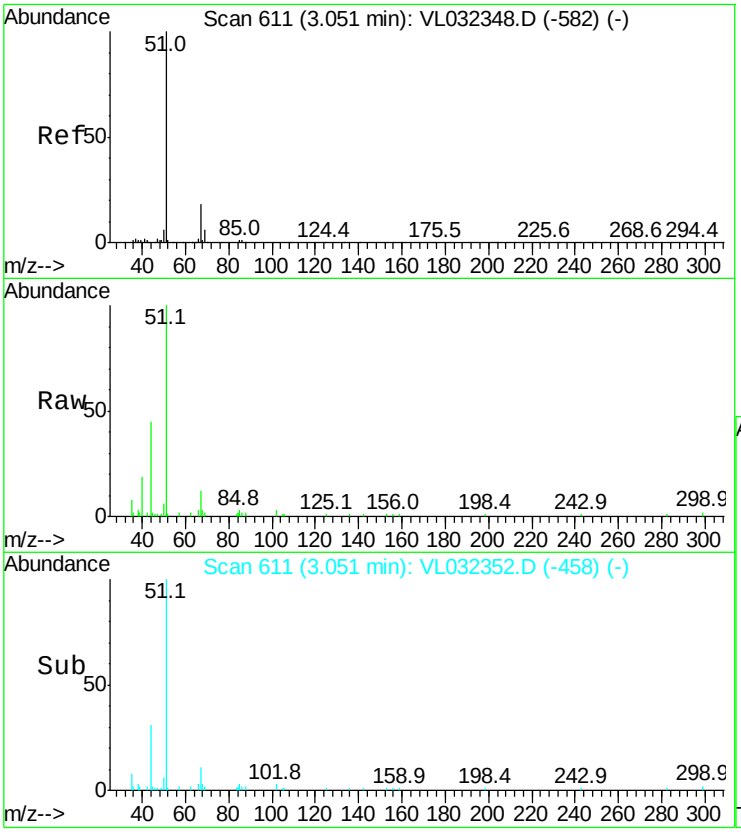


#2
Dichlorodifluoromethane
Concen: 0.125 ppbv
RT: 3.11 min Scan# 630
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 85 Resp: 34554

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.2	37.8



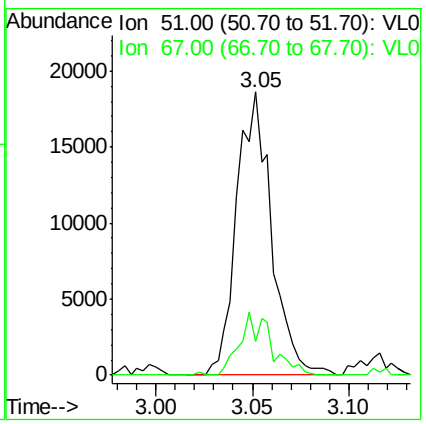


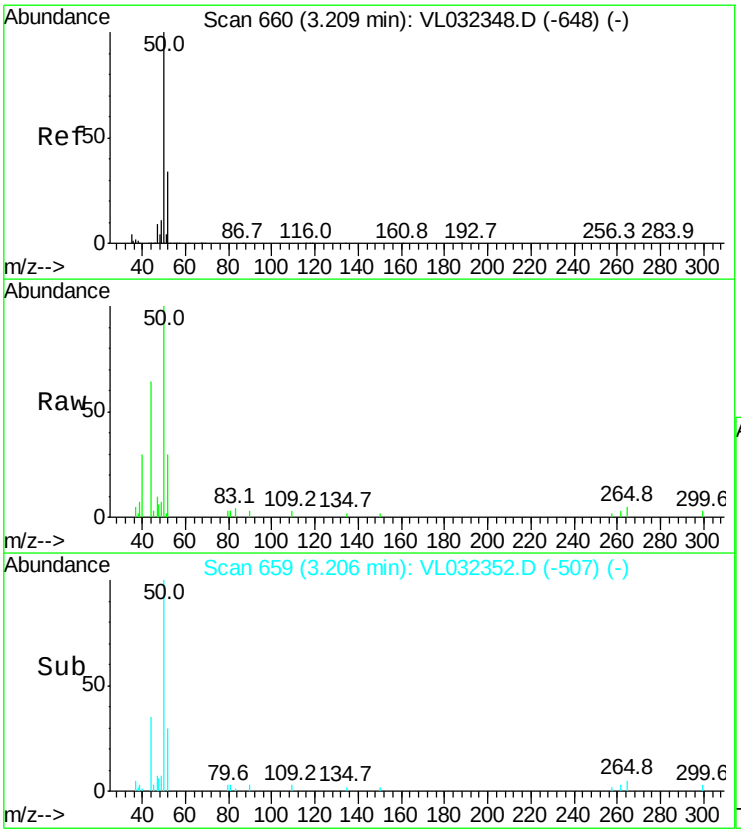
#3
Chlorodifluoromethane
Concen: 0.102 ppbv
RT: 3.05 min Scan# 611
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 23264

Ion	Ratio	Lower	Upper
51	100		
67	20.1	13.5	20.3

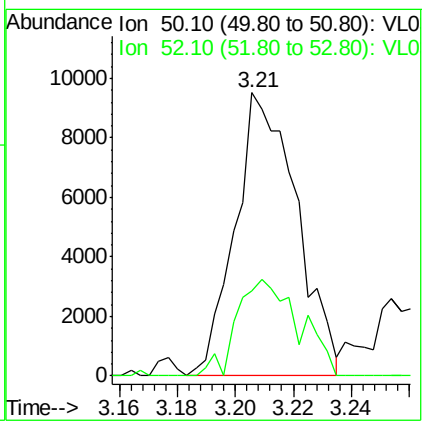


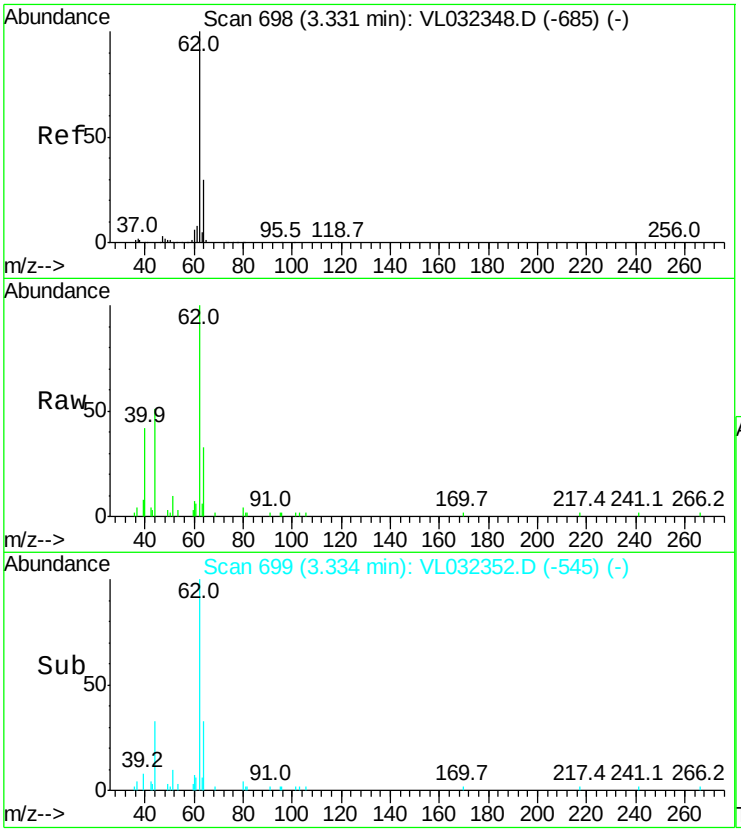


#4
Chloromethane
Concen: 0.100 ppbv
RT: 3.21 min Scan# 659
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 50 Resp: 13938

Ion	Ratio	Lower	Upper
50	100		
52	30.2	26.2	39.4



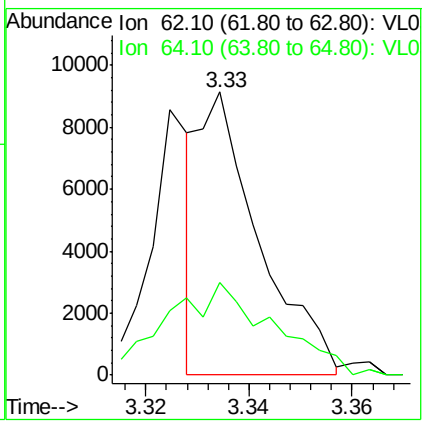


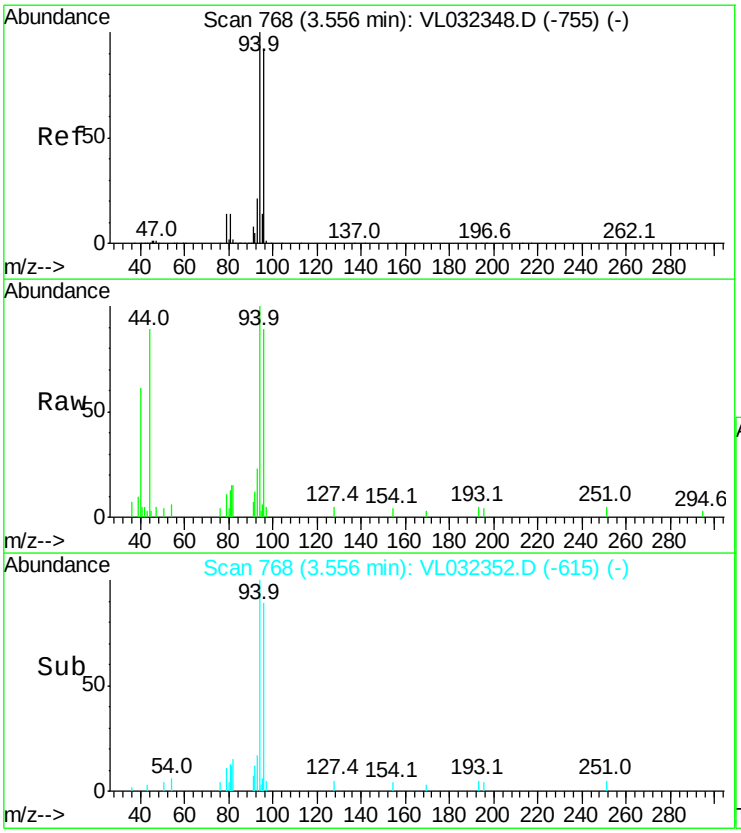
#5
Vinyl Chloride
Concen: 0.058 ppbv
RT: 3.33 min Scan# 699
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 7367

Ion	Ratio	Lower	Upper
62	100		
64	26.6	24.1	36.1

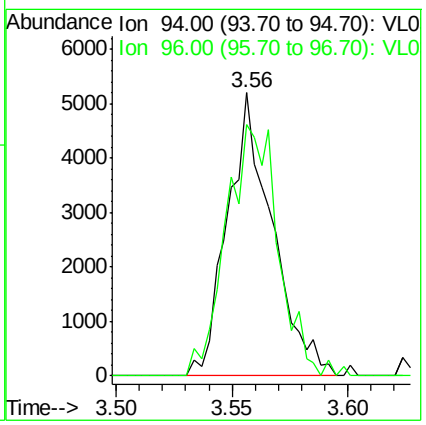


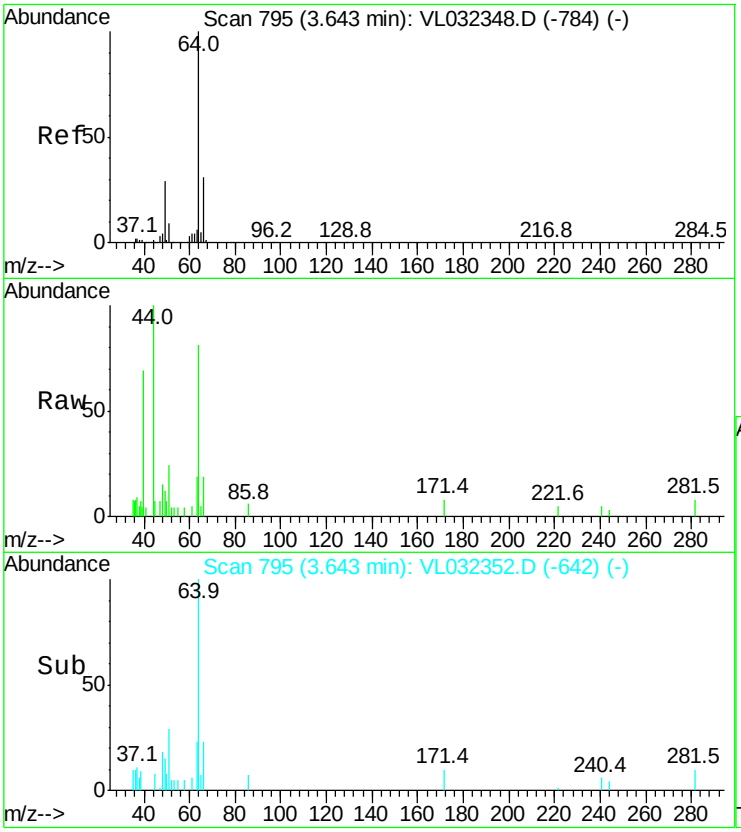


#6
Bromomethane
Concen: 0.100 ppbv
RT: 3.56 min Scan# 768
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 94 Resp: 6948

Ion	Ratio	Lower	Upper
94	100		
96	90.4	70.2	105.4



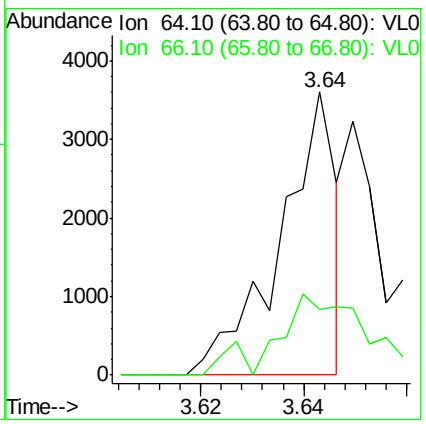


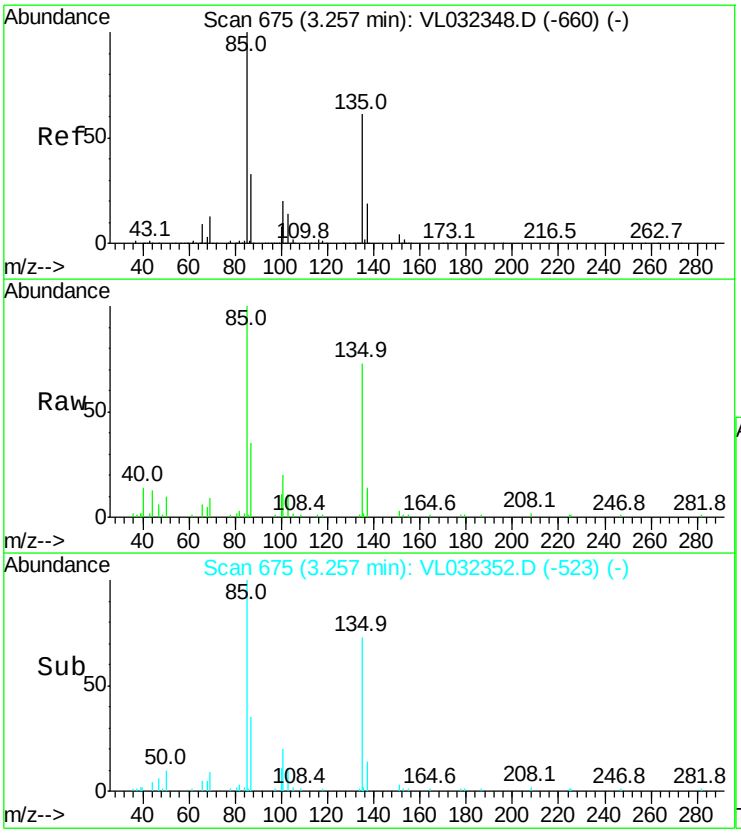
#7
Chloroethane
Concen: 0.060 ppbv
RT: 3.64 min Scan# 795
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 2703

Ion	Ratio	Lower	Upper
64	100		
66	23.4	25.7	38.5#

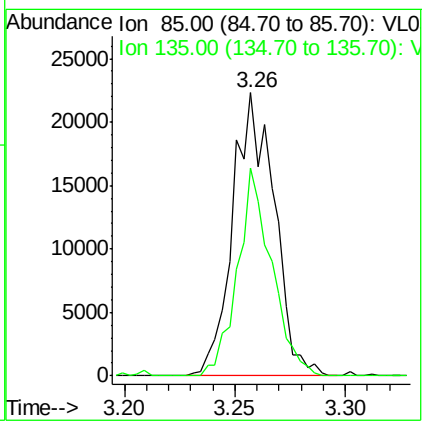


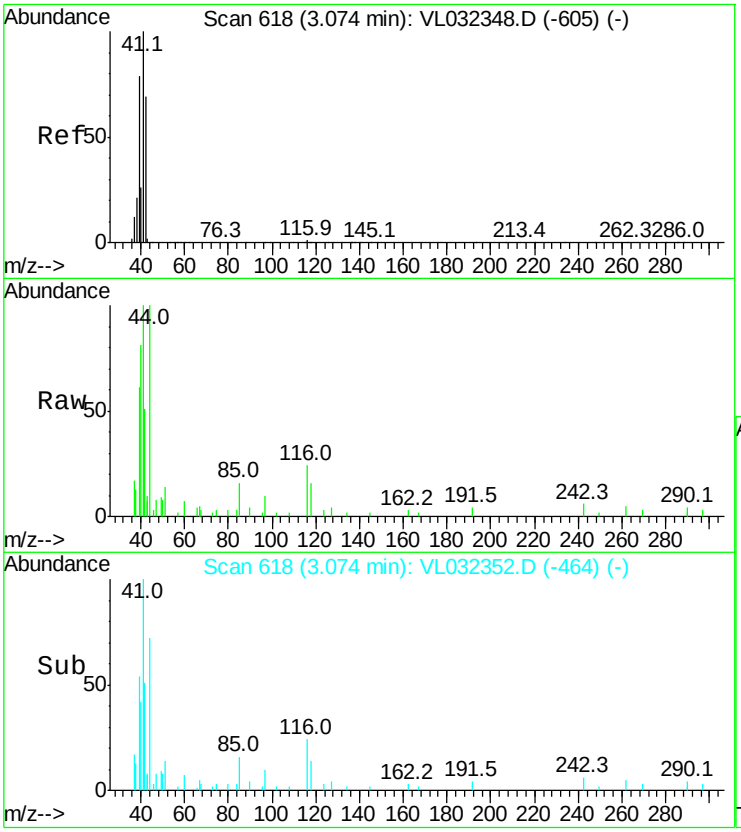


#8
Dichlorotetrafluoroethane
Concen: 0.104 ppbv
RT: 3.26 min Scan# 675
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 85 Resp: 29162

Ion	Ratio	Lower	Upper
85	100		
135	60.2	48.7	73.1



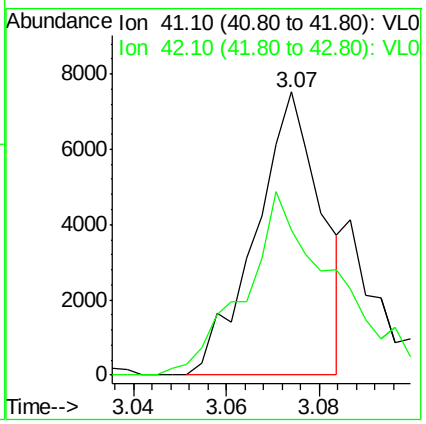


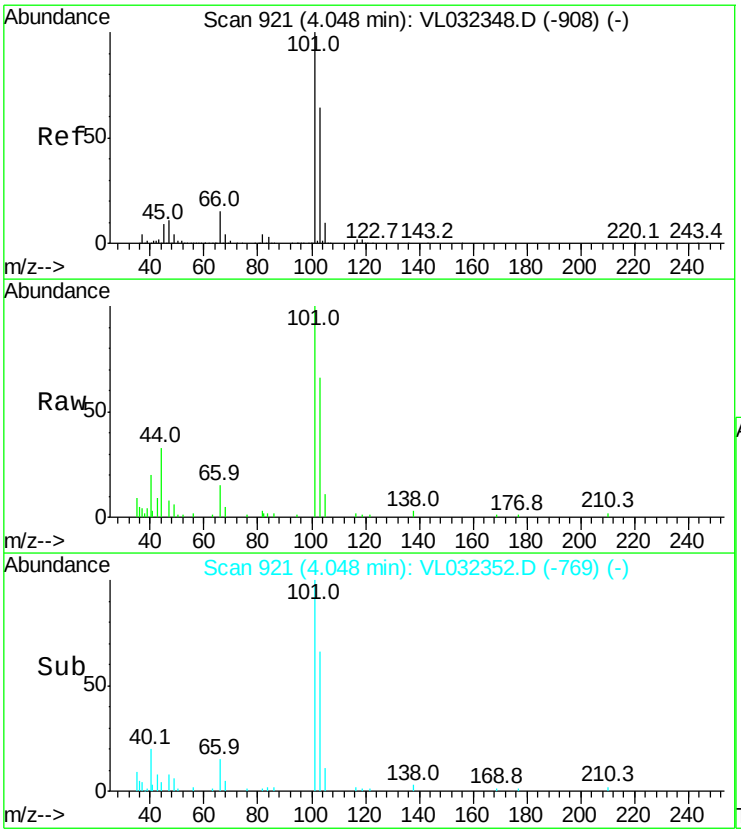
#9
Propene
Concen: 0.072 ppbv
RT: 3.07 min Scan# 618
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 7413

Ion	Ratio	Lower	Upper
41	100		
42	92.4	56.8	85.2#

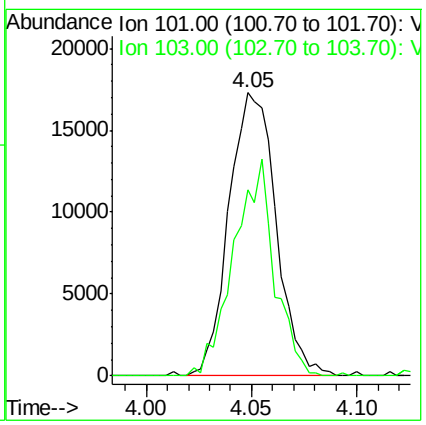


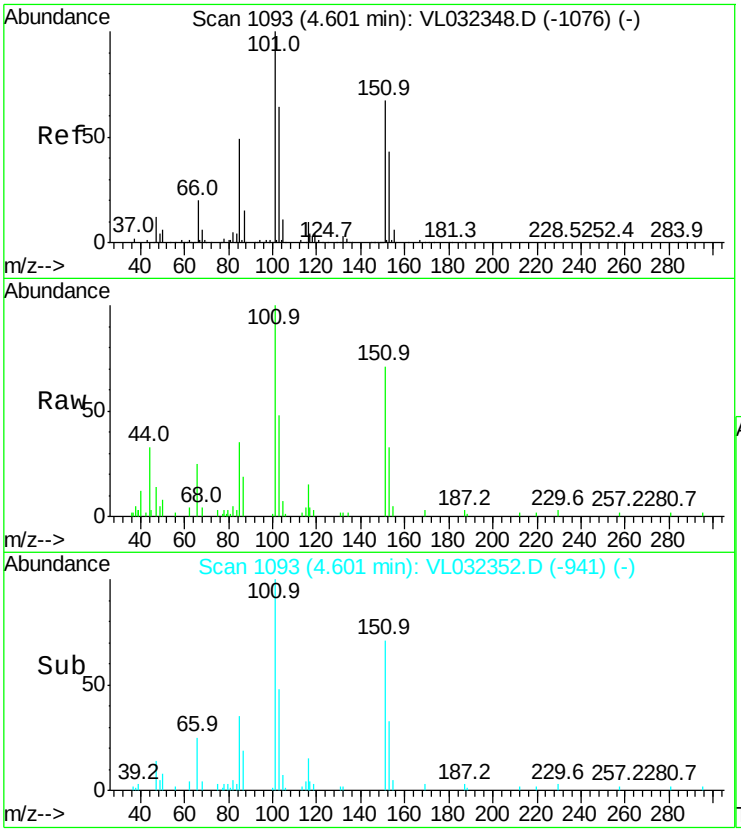


#11
Trichlorofluoromethane
Concen: 0.102 ppbv
RT: 4.05 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:101 Resp: 26887

Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.6	78.8



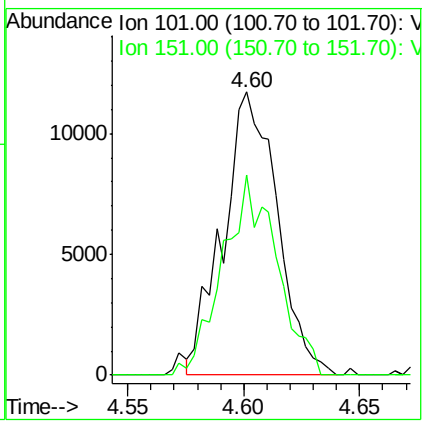


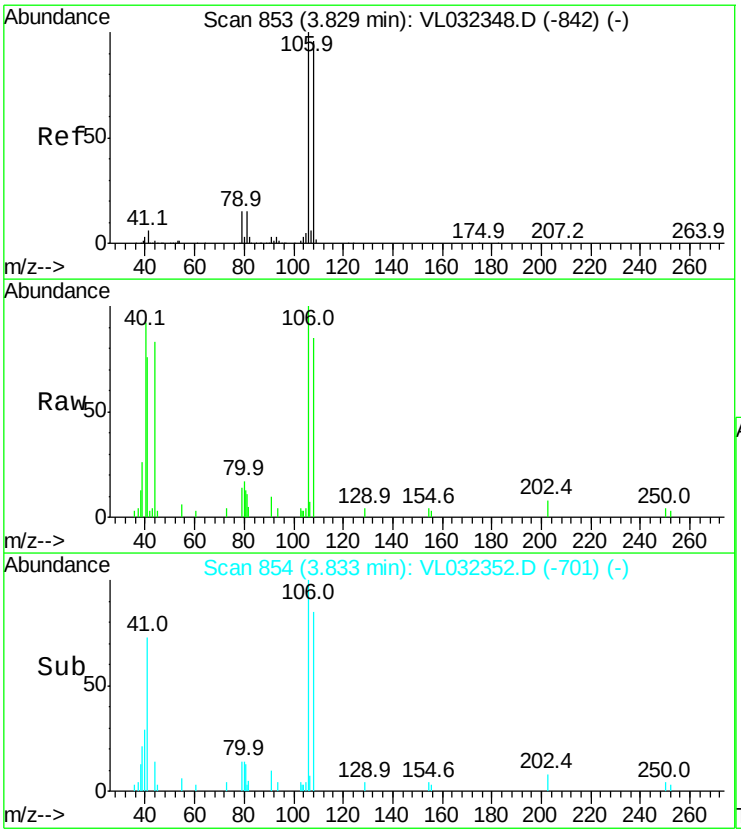
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.106 ppbv
RT: 4.60 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 19071

Ion	Ratio	Lower	Upper
101	100		
151	70.5	52.4	78.6

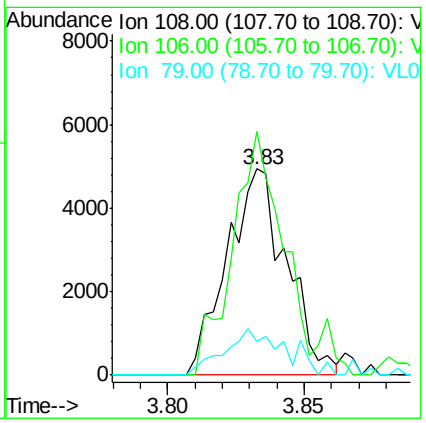


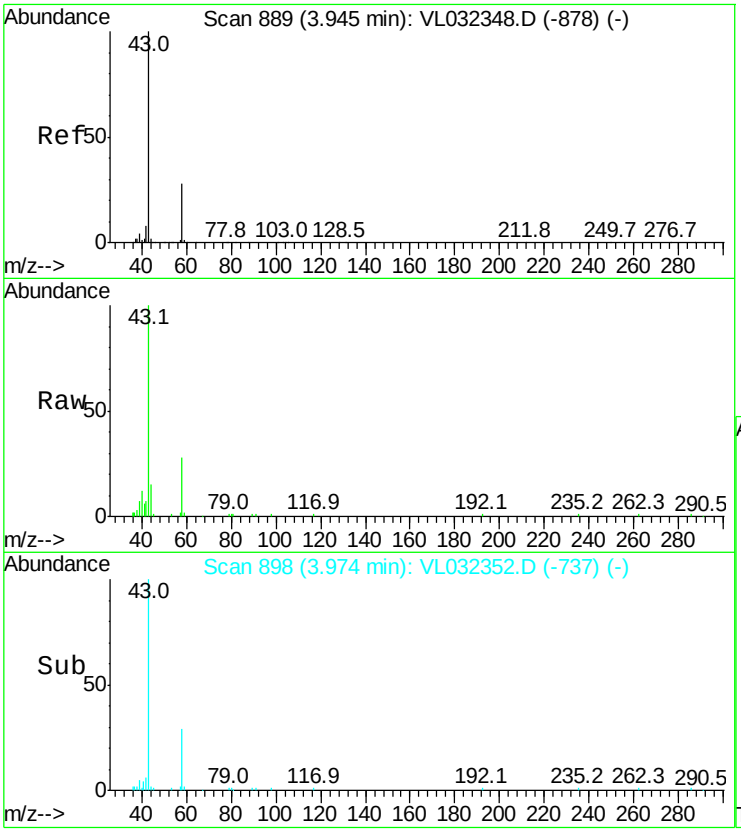


#14
Bromoethene
Concen: 0.095 ppbv
RT: 3.83 min Scan# 854
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:108 Resp: 7489

Ion	Ratio	Lower	Upper
108	100		
106	106.0	86.0	129.0
79	24.2	12.8	19.2#



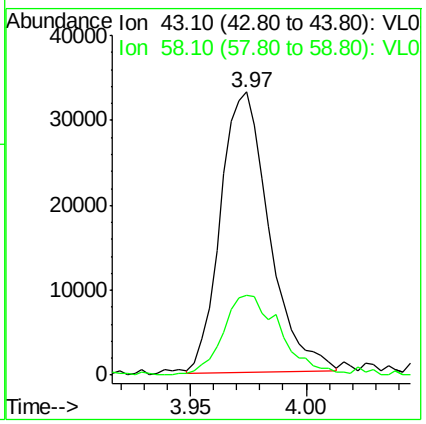


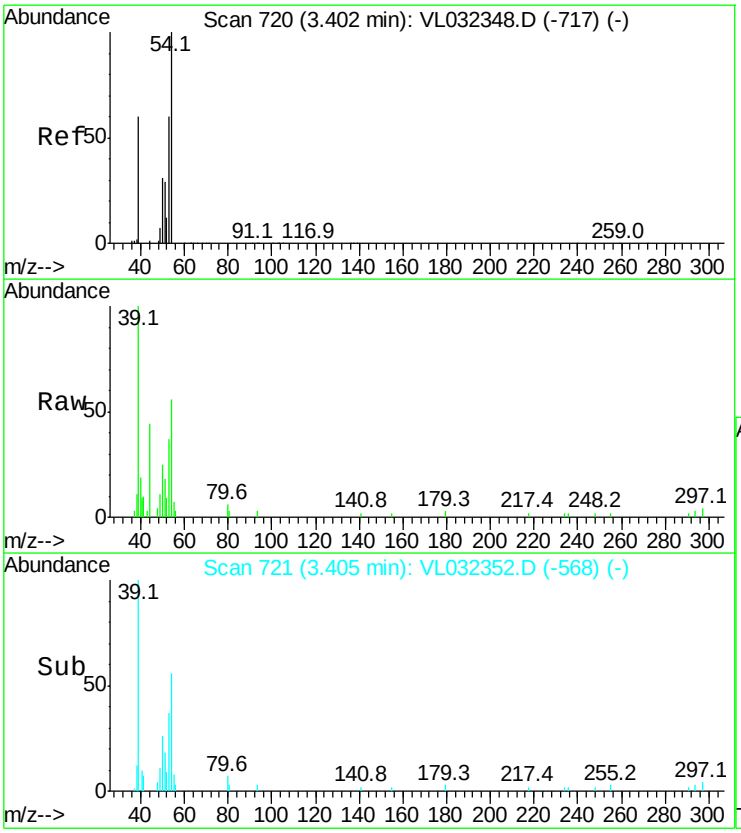
#15
Acetone
Concen: 0.224 ppbv
RT: 3.97 min Scan# 898
Delta R.T. 0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 48420

Ion	Ratio	Lower	Upper
43	100		
58	35.1	22.5	33.7#

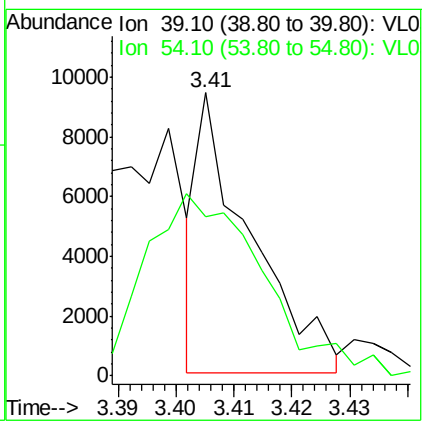


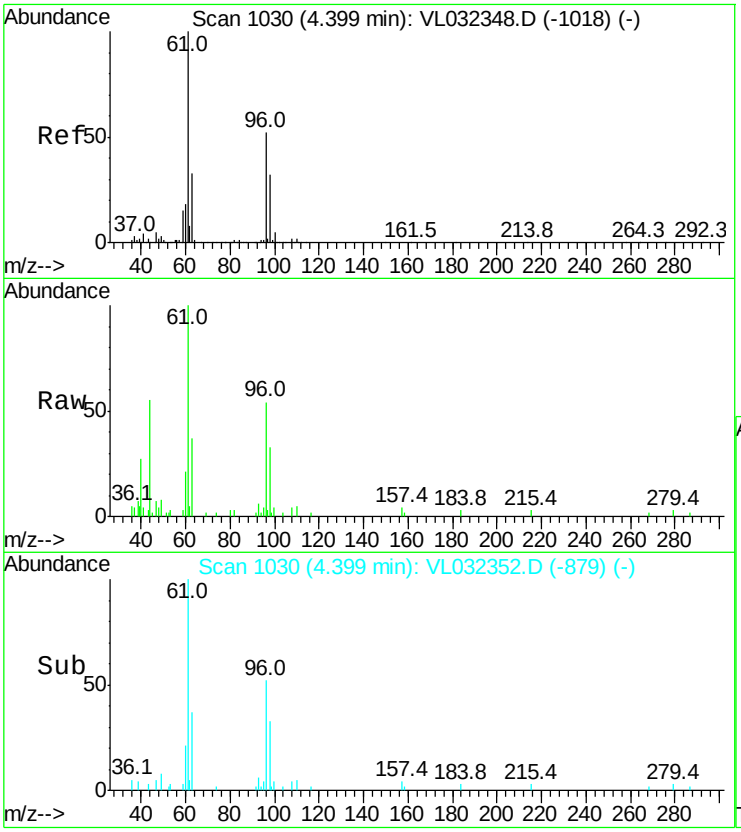


#16
1,3-Butadiene
Concen: 0.053 ppbv
RT: 3.41 min Scan# 721
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 39 Resp: 5983

Ion	Ratio	Lower	Upper
39	100		
54	160.6	74.3	111.5#



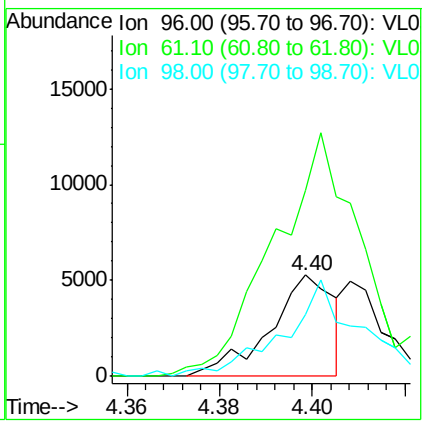


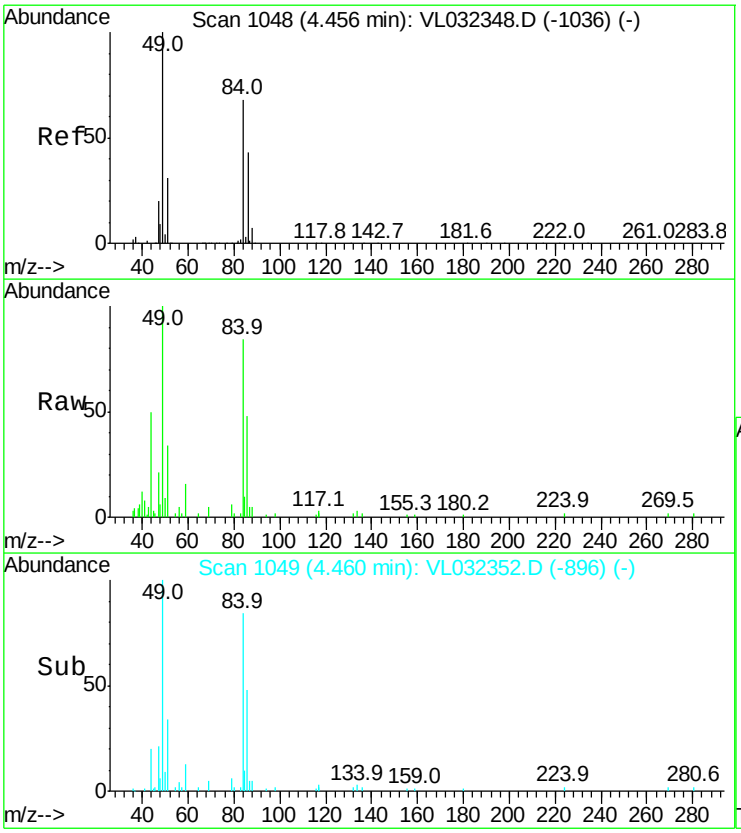
#18
1,1-Dichloroethene
Concen: 0.061 ppbv
RT: 4.40 min Scan# 1030
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 5078

Ion	Ratio	Lower	Upper
96	100		
61	174.9	159.0	238.4
98	54.7	51.1	76.7

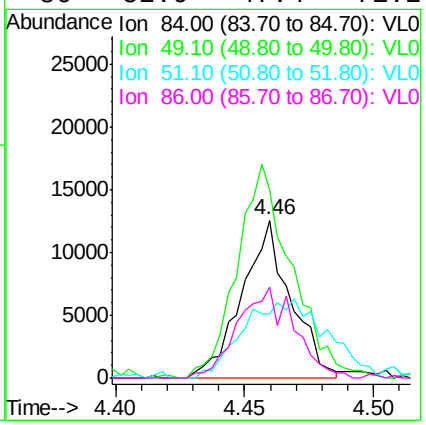


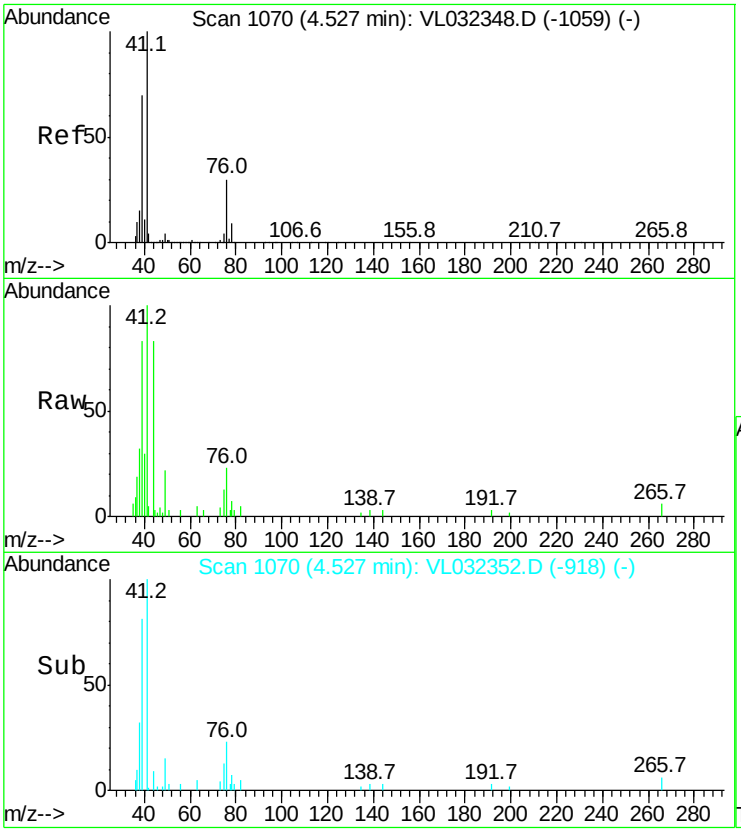


#20
Methylene Chloride
Concen: 0.191 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 84 Resp: 16619

Ion	Ratio	Lower	Upper
84	100		
49	107.3	123.4	185.0#
51	36.4	38.2	57.2#
86	52.0	47.4	71.2



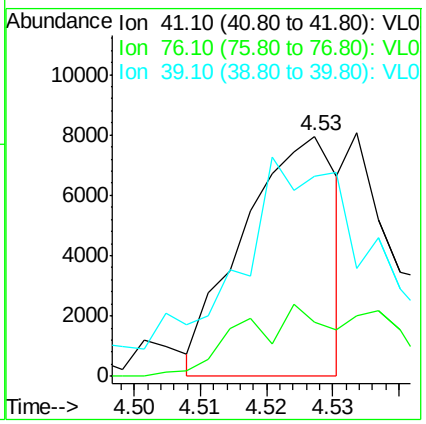


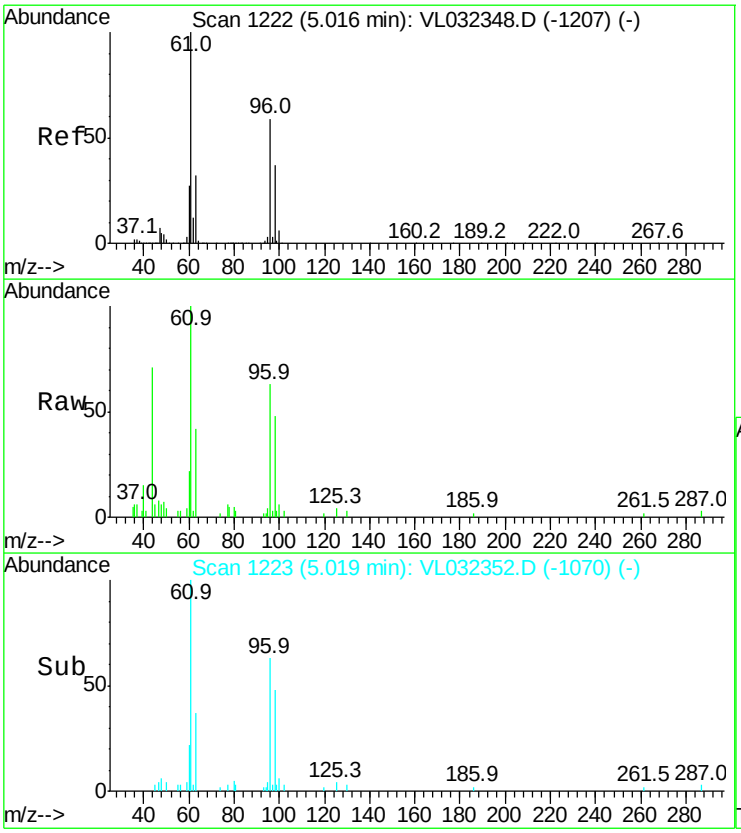
#21
Allyl Chloride
Concen: 0.053 ppbv
RT: 4.53 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 7809

Ion	Ratio	Lower	Upper
41	100		
76	44.6	23.1	34.7#
39	196.8	58.2	87.2#

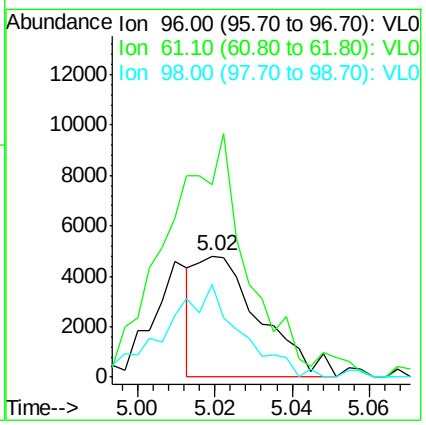


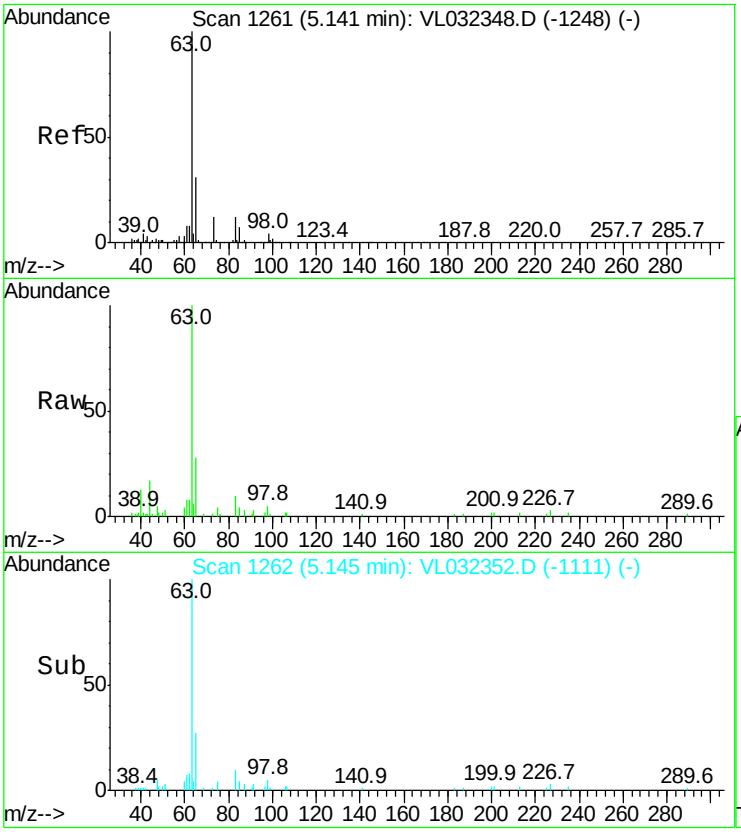


#22
trans-1,2-Dichloroethene
Concen: 0.068 ppbv
RT: 5.02 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 96 Resp: 5512

Ion	Ratio	Lower	Upper
96	100		
61	148.0	136.5	204.7
98	76.8	51.3	76.9



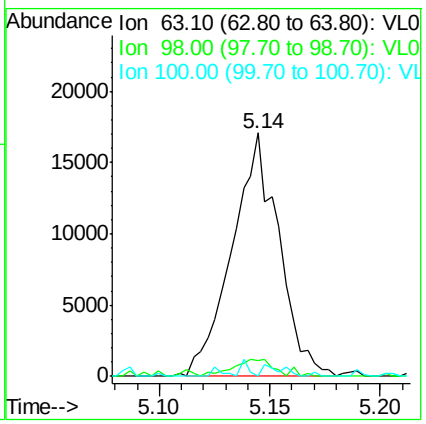


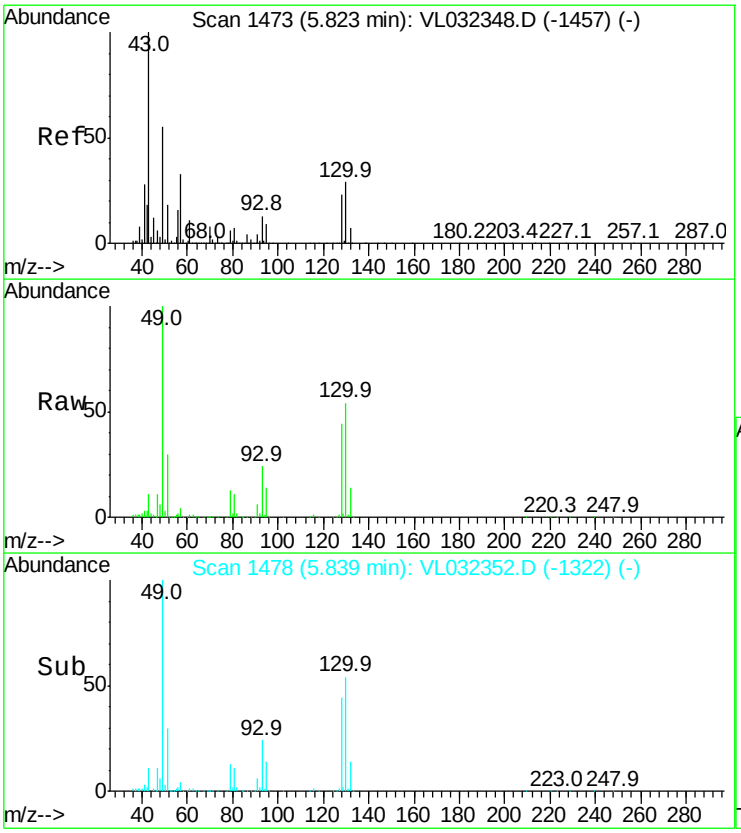
#24
1,1-Dichloroethane
Concen: 0.090 ppbv
RT: 5.14 min Scan# 1262
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 25125

Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.1	6.5
100	0.0	1.3	3.8#

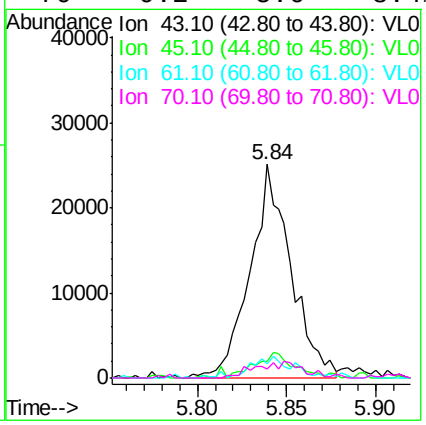


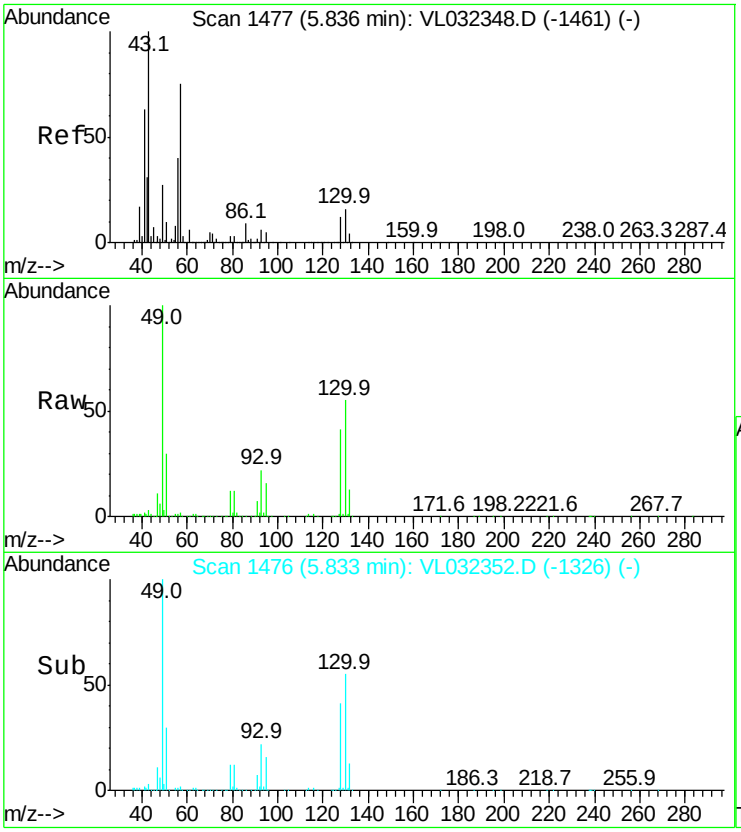


#25
Ethyl Acetate
Concen: 0.082 ppbv
RT: 5.84 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 43 Resp: 39975

Ion	Ratio	Lower	Upper
43	100		
45	12.7	8.1	12.1#
61	11.5	7.4	11.0#
70	9.2	5.6	8.4#



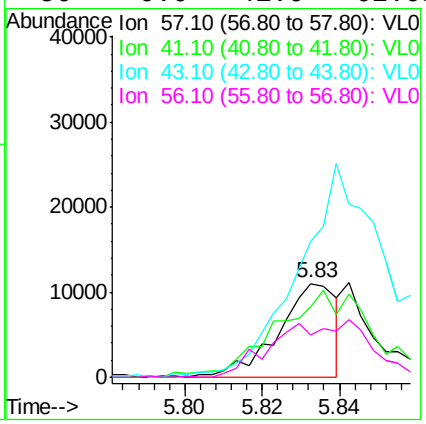


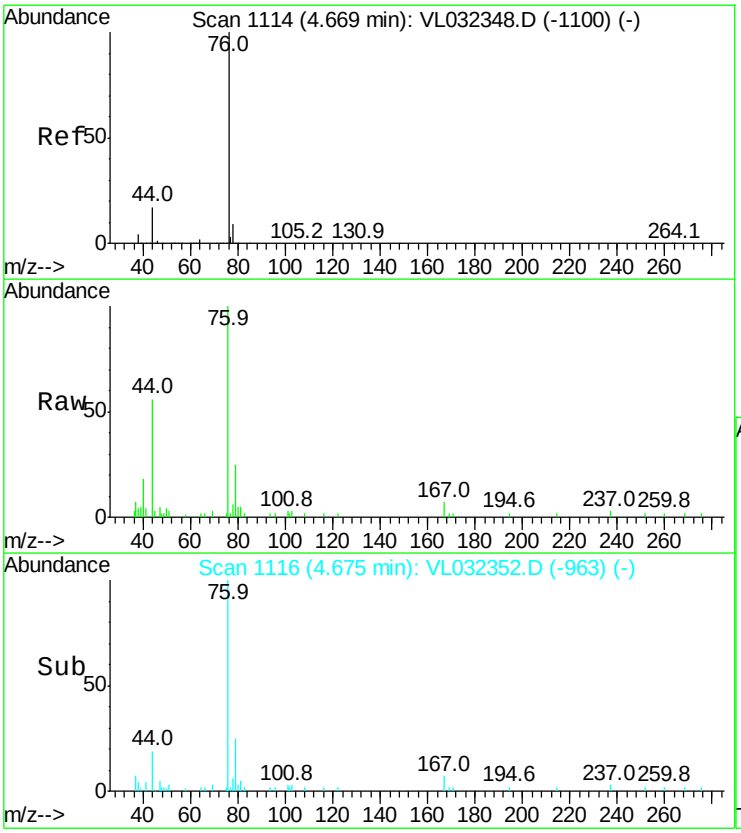
#26
Hexane
Concen: 0.052 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 11496

Ion	Ratio	Lower	Upper
57	100		
41	0.0	68.1	102.1#
43	0.0	177.4	266.2#
56	0.0	41.9	62.9#

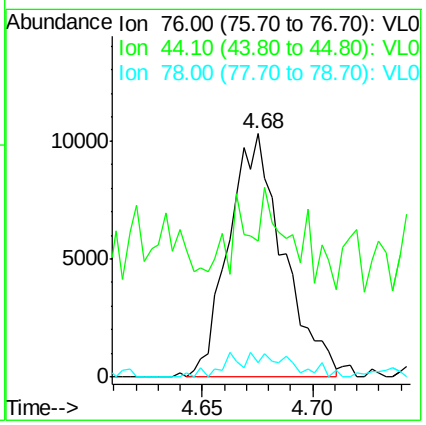


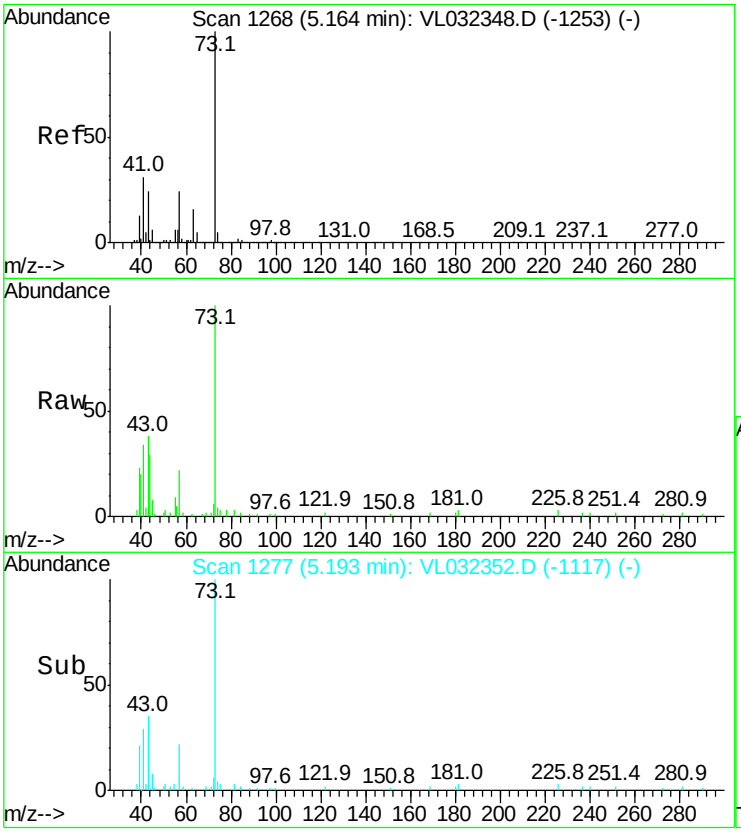


#27
Carbon Disulfide
Concen: 0.089 ppbv
RT: 4.68 min Scan# 1116
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 76 Resp: 17714

Ion	Ratio	Lower	Upper
76	100		
44	35.9	14.0	21.0#
78	13.1	7.5	11.3#



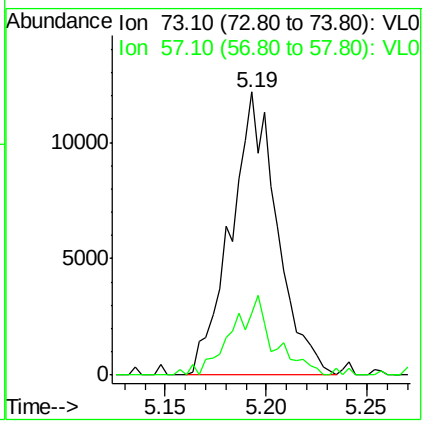


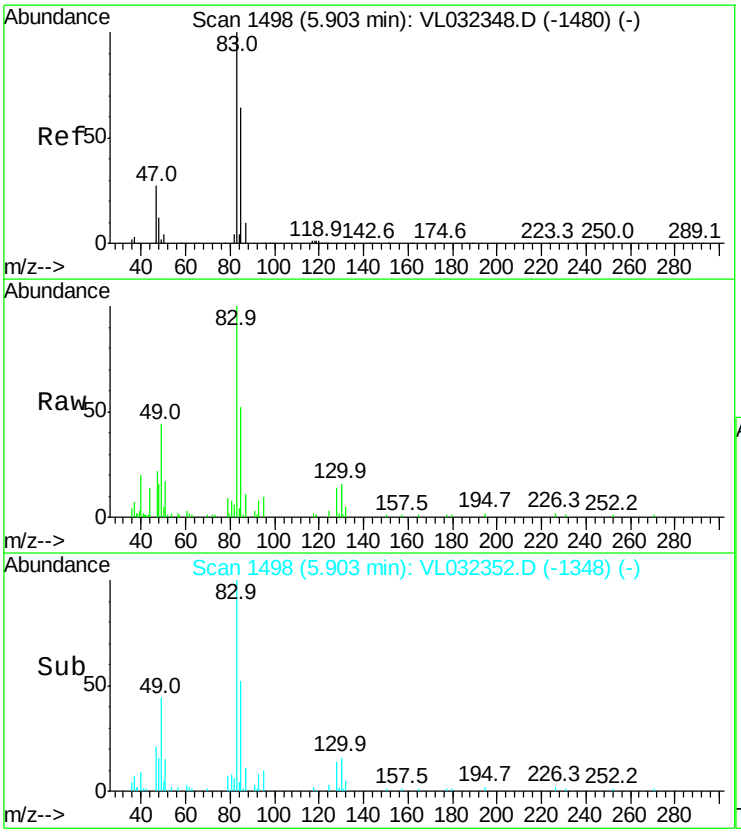
#28
Methyl tert-Butyl Ether
Concen: 0.066 ppbv
RT: 5.19 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 73 Resp: 19606

Ion	Ratio	Lower	Upper
73	100		
57	25.7	19.4	29.0

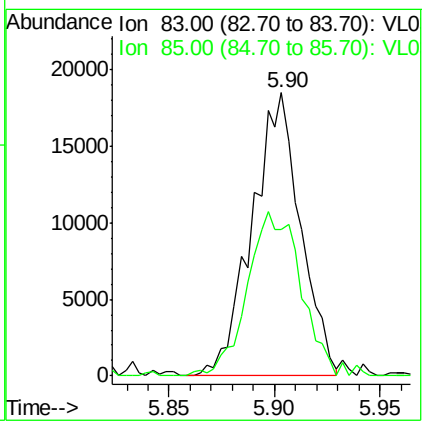


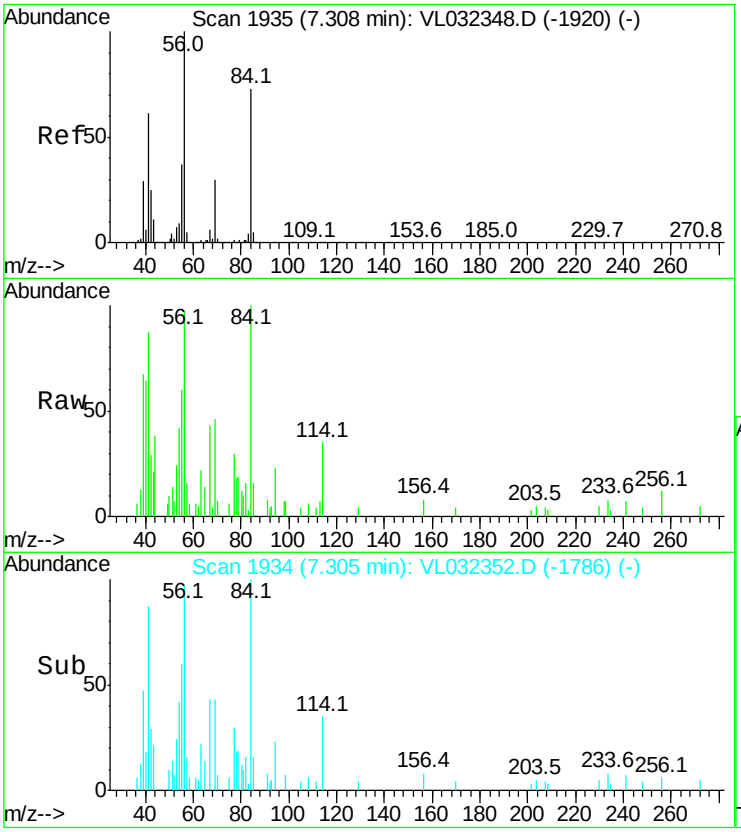


#29
Chloroform
Concen: 0.093 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 83 Resp: 29515

Ion	Ratio	Lower	Upper
83	100		
85	51.5	52.9	79.3#



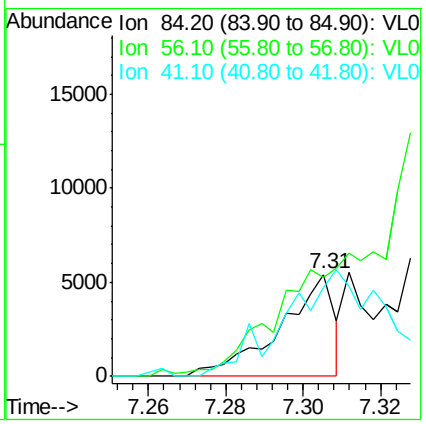


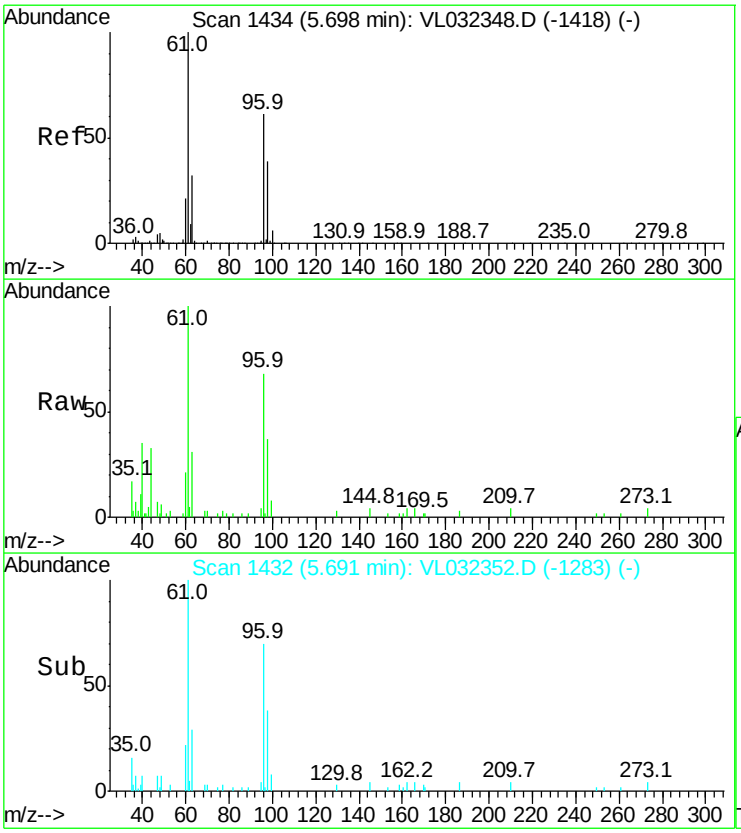
#30
Cyclohexane
Concen: 0.030 ppbv
RT: 7.31 min Scan# 1934
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 5211

Ion	Ratio	Lower	Upper
84	100		
56	0.0	116.8	175.2#
41	0.0	70.0	105.0#

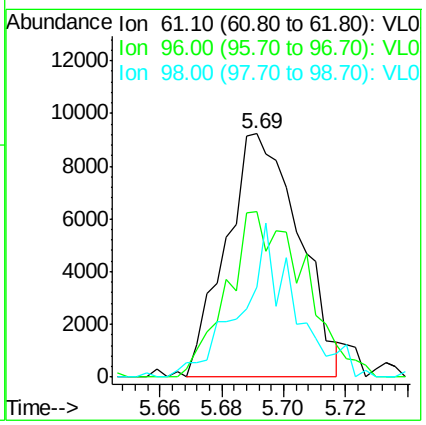


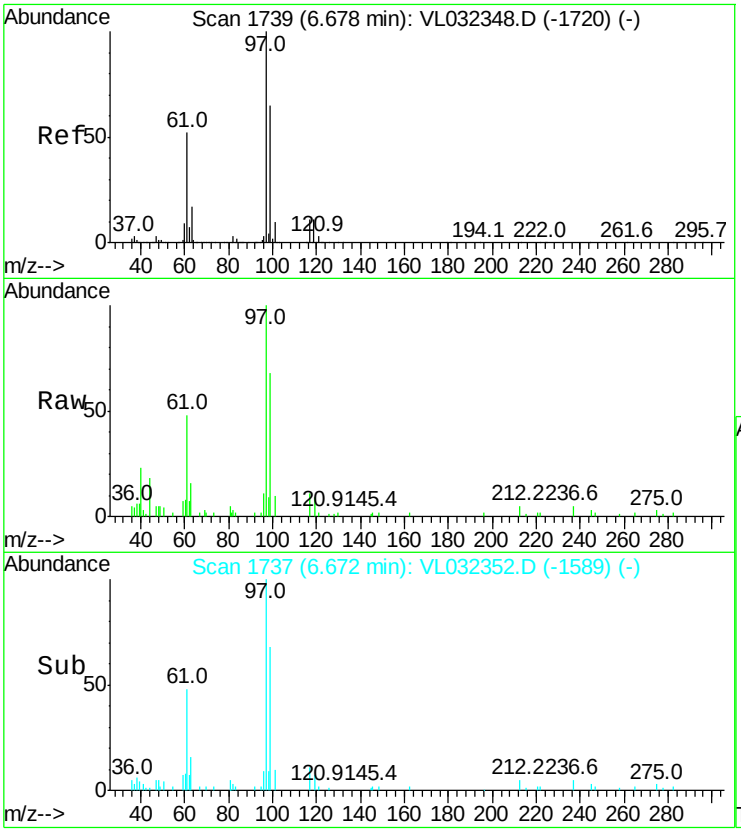


#31
cis-1,2-Dichloroethene
Concen: 0.075 ppbv
RT: 5.69 min Scan# 1432
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 61 Resp: 15153

Ion	Ratio	Lower	Upper
61	100		
96	64.7	49.8	74.6
98	30.3	31.8	47.6#



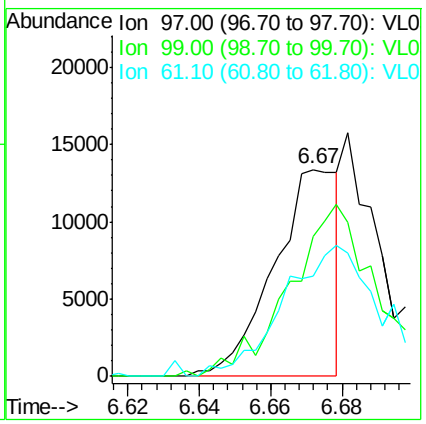


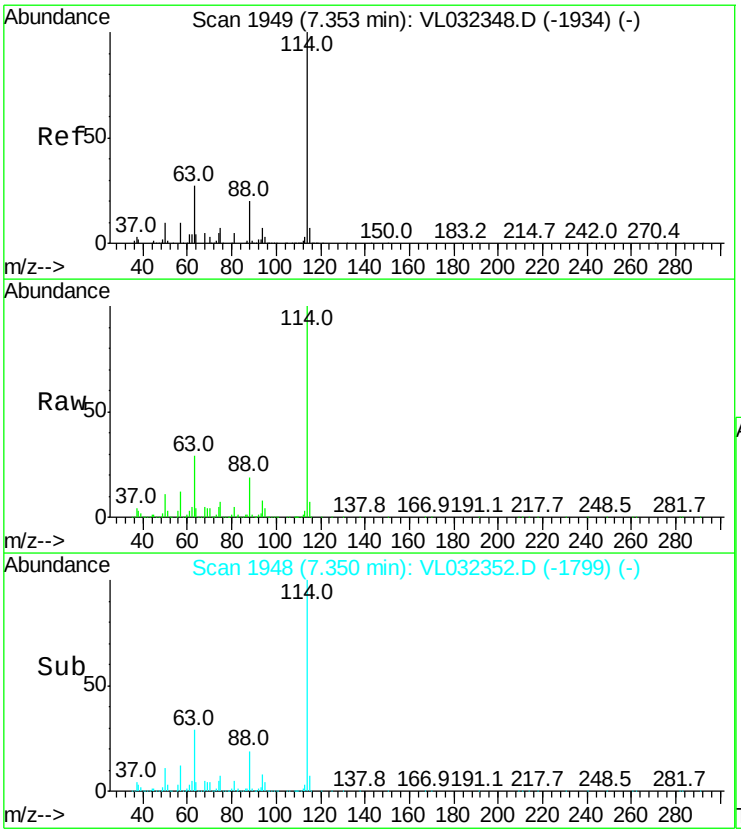
#32
1,1,1-Trichloroethane
Concen: 0.058 ppbv
RT: 6.67 min Scan# 1737
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 16504

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.9	76.3#
61	0.0	41.8	62.6#

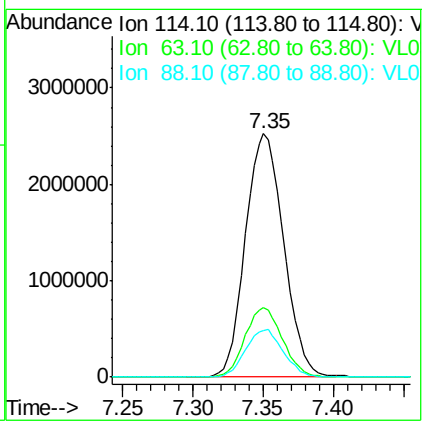


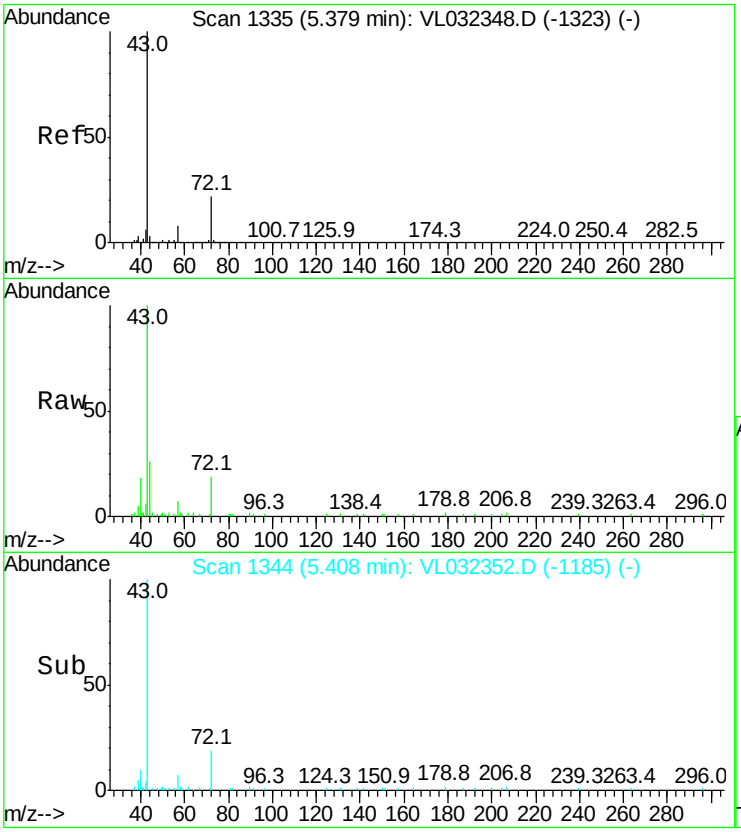


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:114 Resp: 4800133

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.4	33.6
88	19.3	15.3	22.9



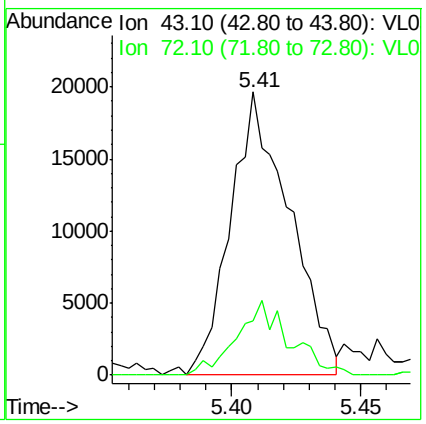


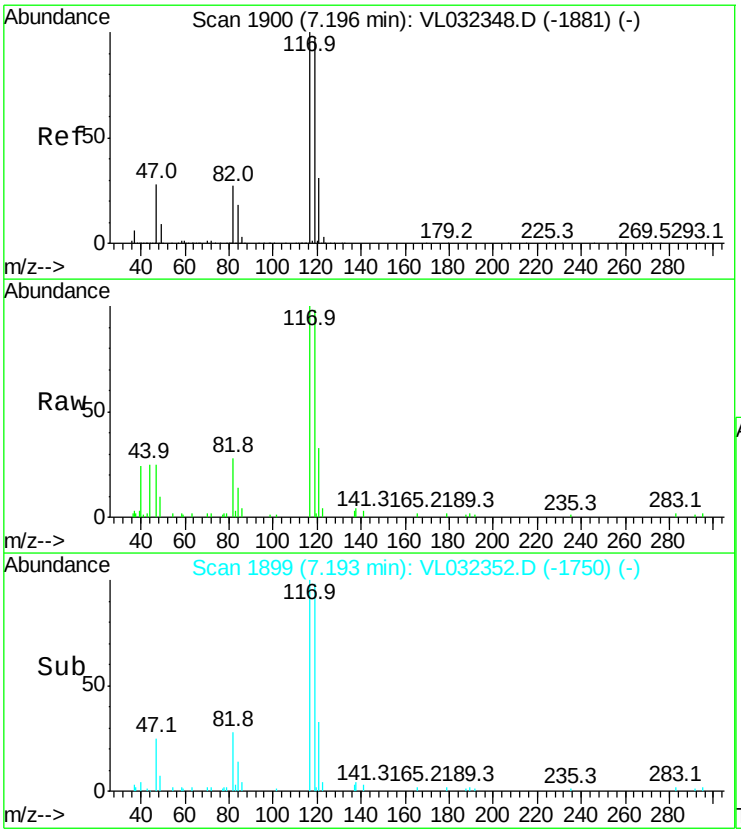
#34
2-Butanone
Concen: 0.101 ppbv
RT: 5.41 min Scan# 1344
Delta R.T. 0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 31428

Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.4	26.2

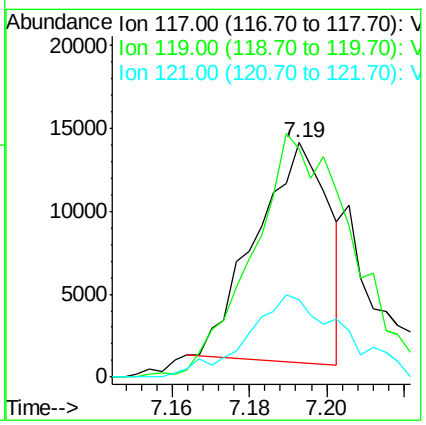


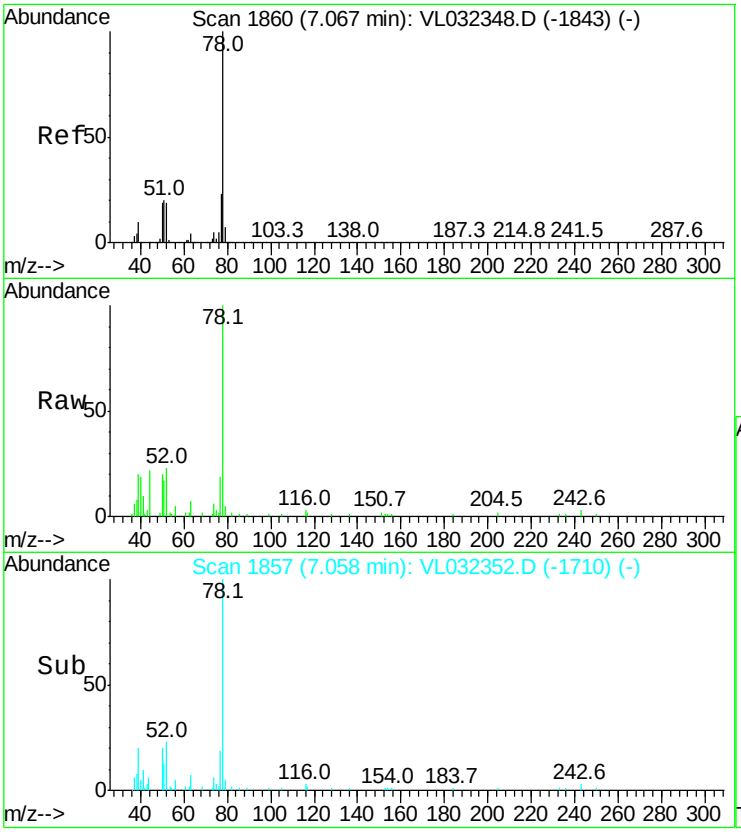


#35
Carbon Tetrachloride
Concen: 0.063 ppbv
RT: 7.19 min Scan# 1899
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:117 Resp: 17256

Ion	Ratio	Lower	Upper
117	100		
119	106.8	76.1	114.1
121	32.7	24.4	36.6



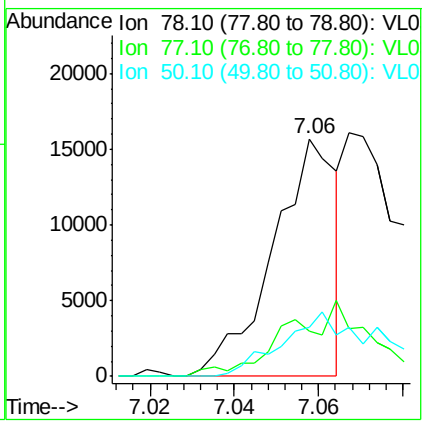


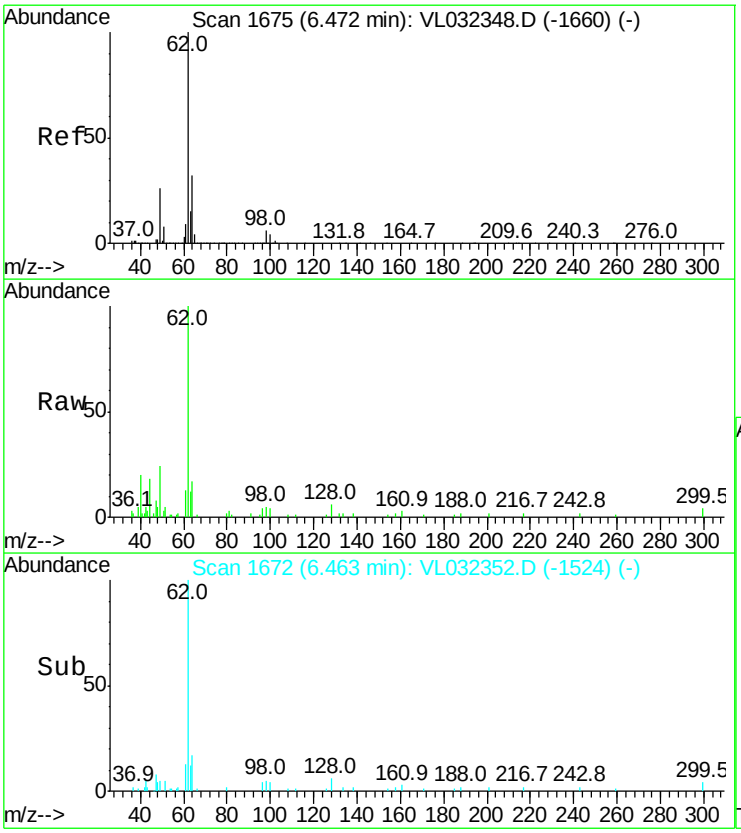
#36
Benzene
Concen: 0.039 ppbv
RT: 7.06 min Scan# 1857
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 16337

Ion	Ratio	Lower	Upper
78	100		
77	19.2	18.4	27.6
50	20.4	15.3	22.9

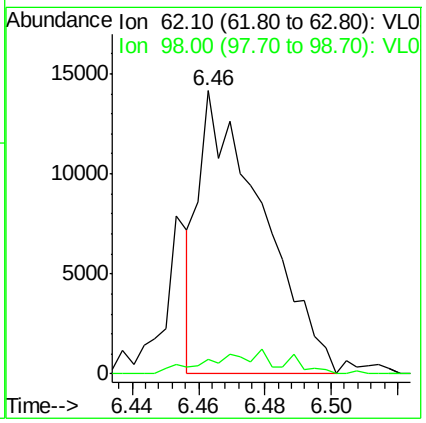


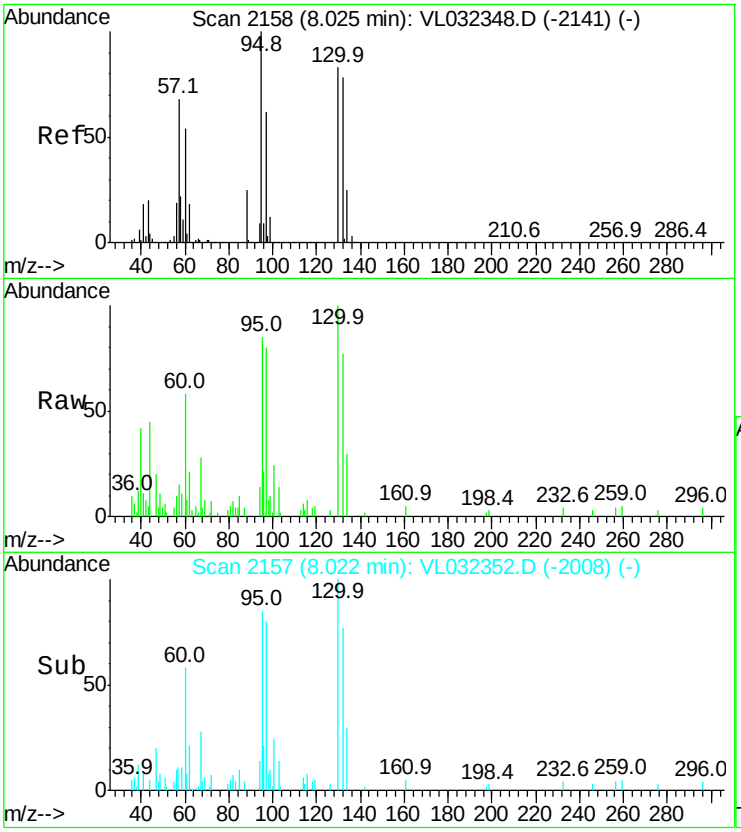


#37
1,2-Dichloroethane
Concen: 0.077 ppbv
RT: 6.46 min Scan# 1672
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 62 Resp: 18779

Ion	Ratio	Lower	Upper
62	100		
98	9.3	5.1	7.7#



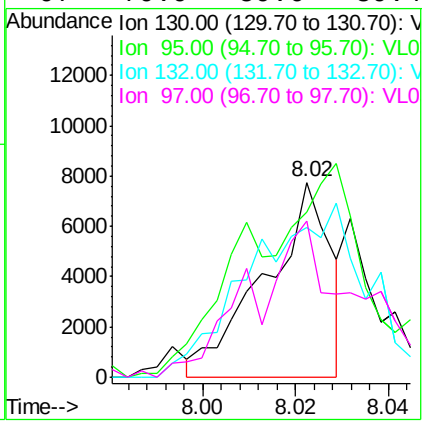


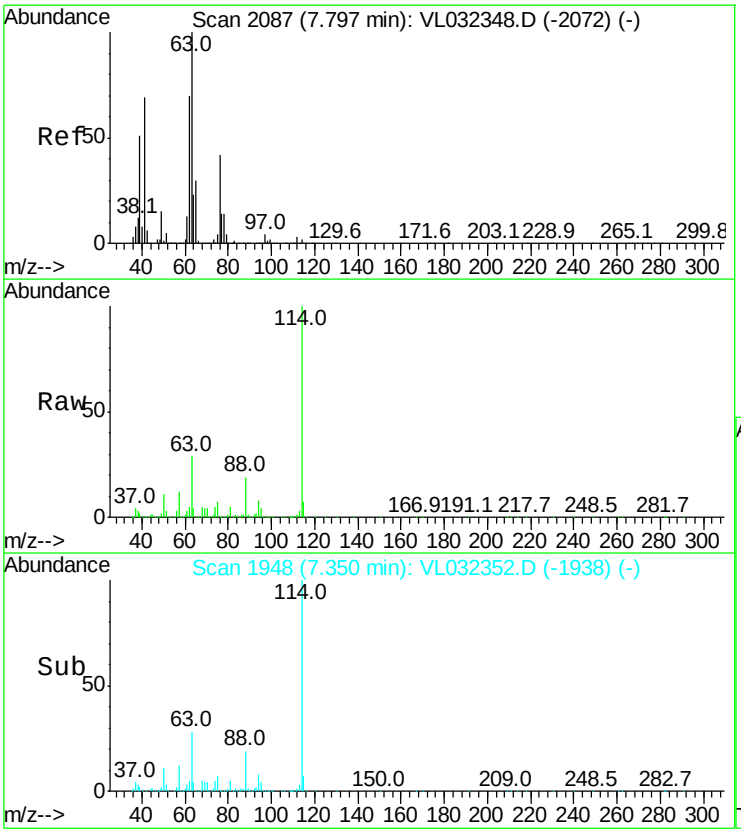
#38
Trichloroethene
Concen: 0.047 ppbv
RT: 8.02 min Scan# 2157
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 7613

Ion	Ratio	Lower	Upper
130	100		
95	66.2	92.9	139.3#
132	71.4	73.0	109.4#
97	79.9	59.6	89.4

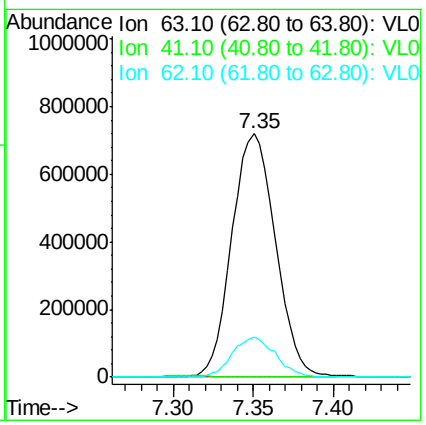


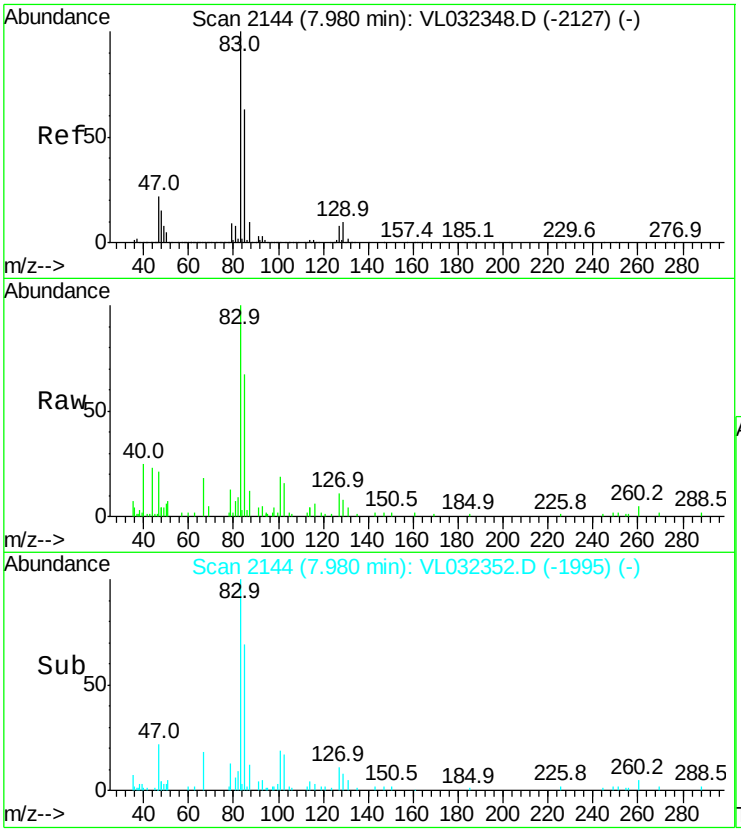


#39
1,2-Dichloropropane
Concen: 6.296 ppbv
RT: 7.35 min Scan# 1948
Delta R.T. -0.47 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 63 Resp: 1340143

Ion	Ratio	Lower	Upper
63	100		
41	0.2	52.5	78.7#
62	16.2	54.6	81.8#



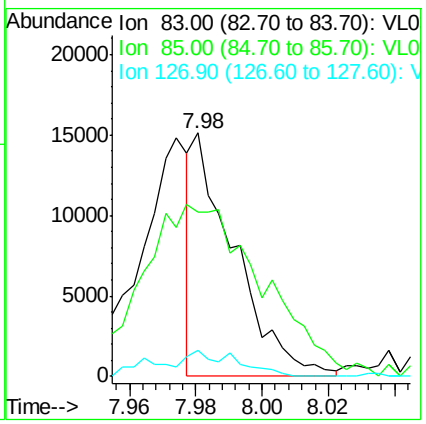


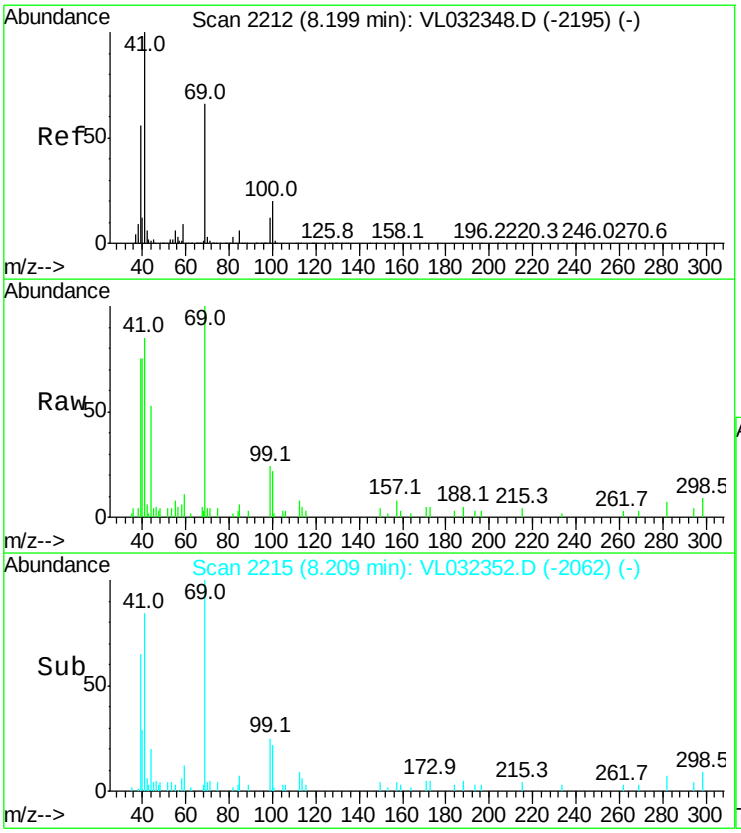
#42
Bromodichloromethane
Concen: 0.033 ppbv
RT: 7.98 min Scan# 2144
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 13142

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.7	76.1
127	10.8	6.0	9.0#

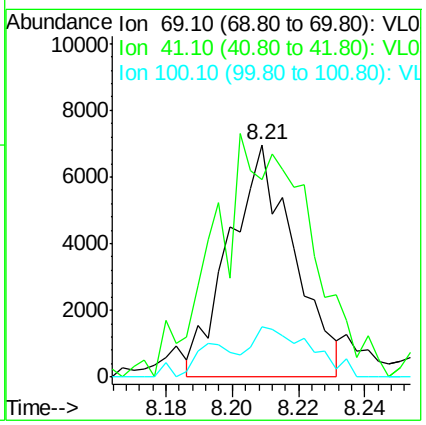


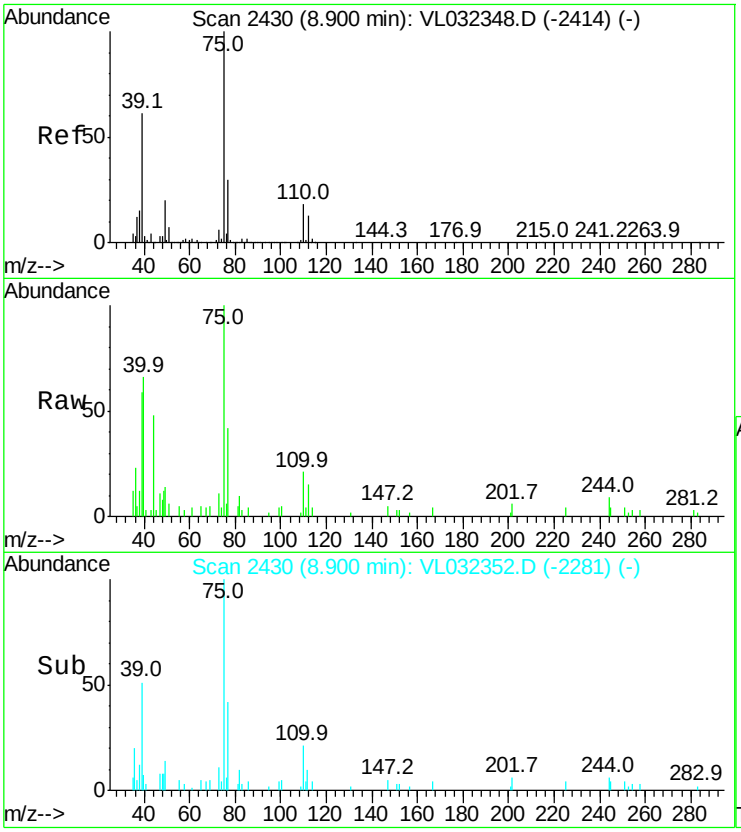


#43
Methyl Methacrylate
Concen: 0.046 ppbv
RT: 8.21 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 69 Resp: 9392

Ion	Ratio	Lower	Upper
69	100		
41	161.4	120.6	180.8
100	29.3	23.2	34.8



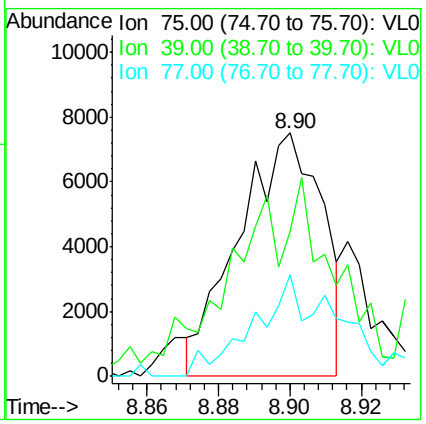


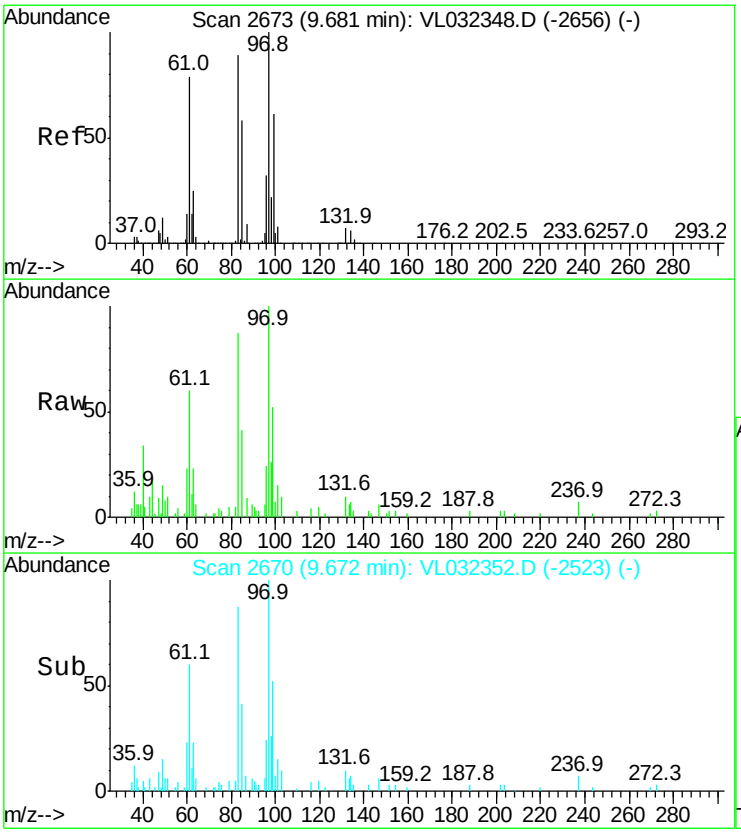
#46
cis-1,3-Dichloropropene
Concen: 0.042 ppbv
RT: 8.90 min Scan# 2430
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 75 Resp: 12195

Ion	Ratio	Lower	Upper
75	100		
39	47.4	50.9	76.3#
77	49.8	25.7	38.5#

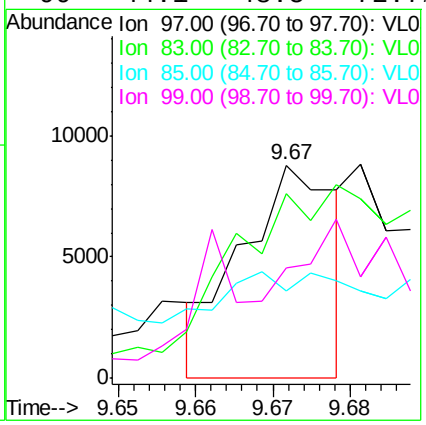


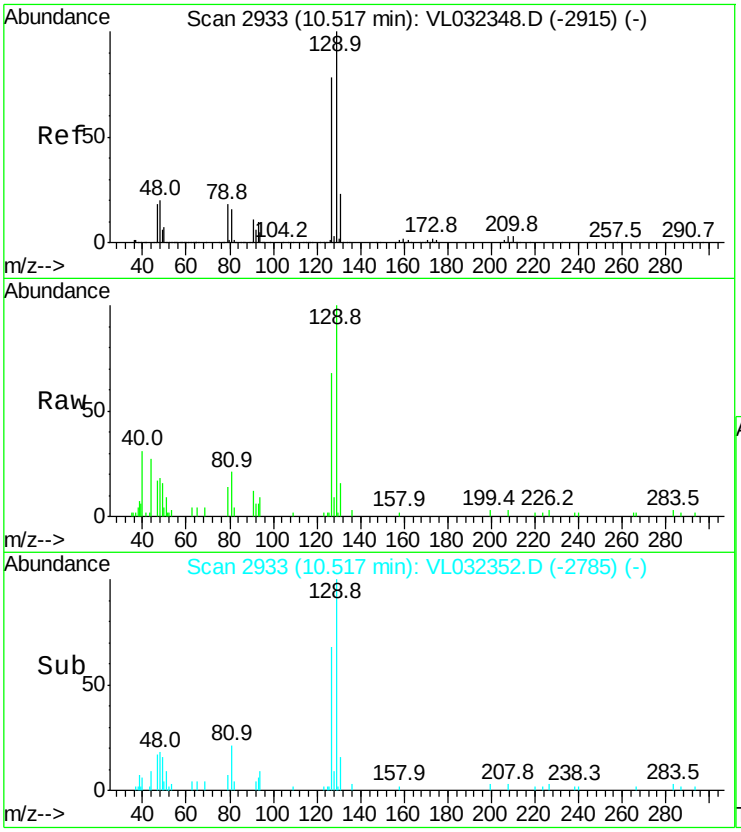


#47
1,1,2-Trichloroethane
Concen: 0.036 ppbv
RT: 9.67 min Scan# 2670
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 97 Resp: 7452

Ion	Ratio	Lower	Upper
97	100		
83	99.7	73.0	109.6
85	13.1	48.1	72.1#
99	44.1	48.5	72.7#



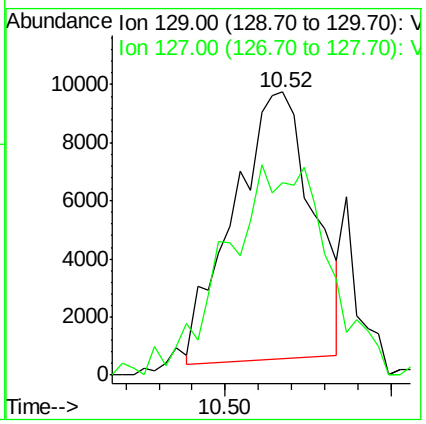


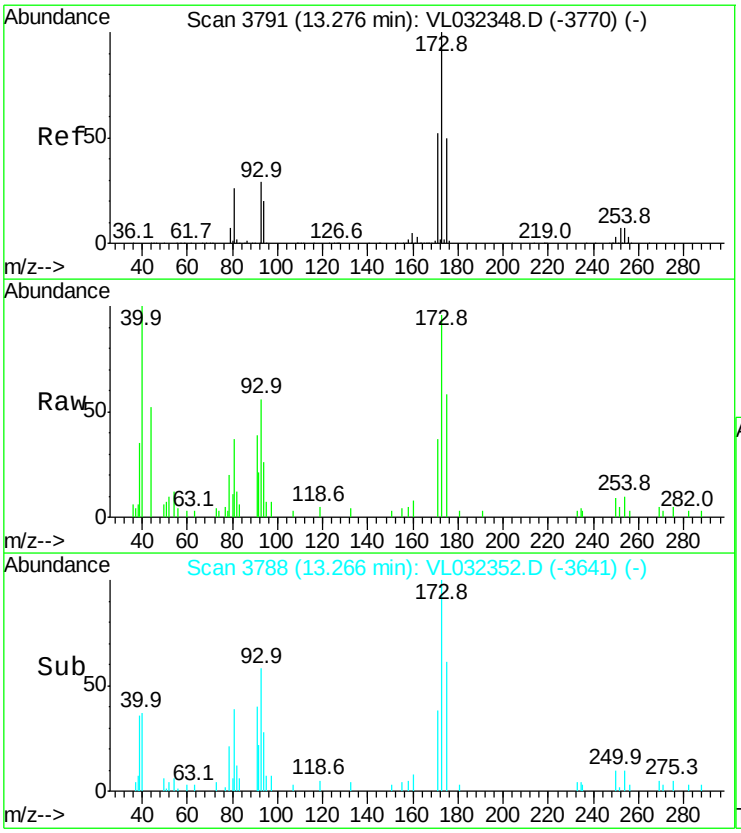
#48
Dibromochloromethane
Concen: 0.050 ppbv
RT: 10.52 min Scan# 2933
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 15355

Ion	Ratio	Lower	Upper
129	100		
127	101.6	39.5	118.3

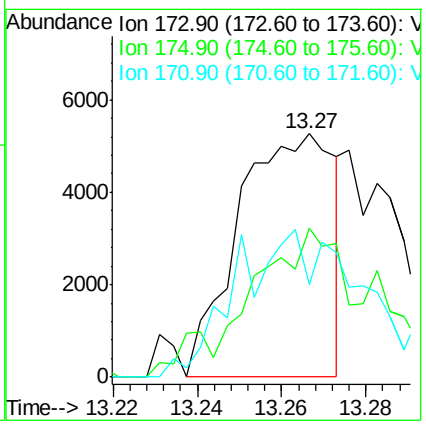


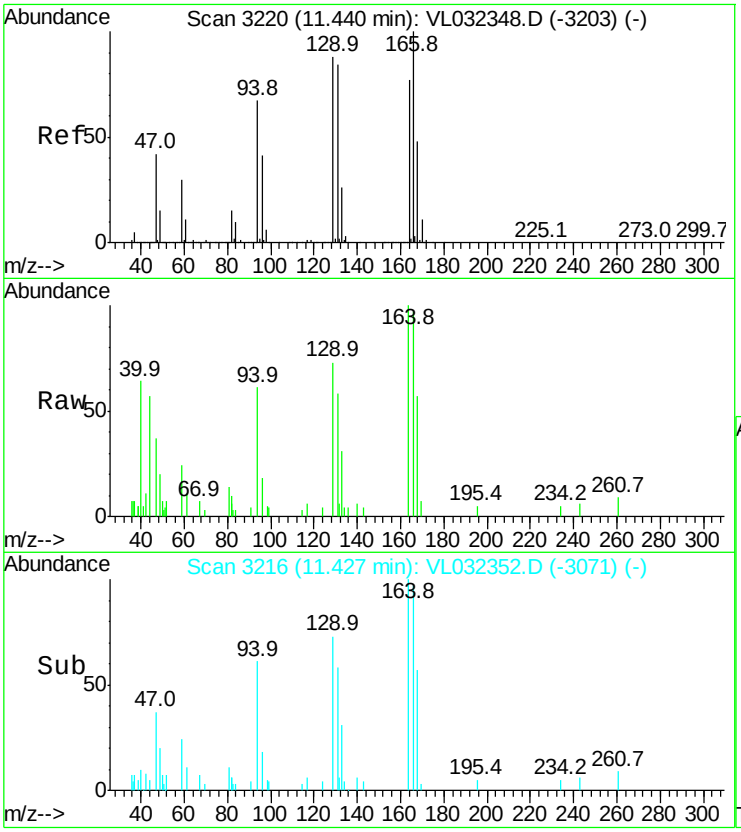


#49
Bromoform
Concen: 0.033 ppbv
RT: 13.27 min Scan# 3788
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:173 Resp: 8312

Ion	Ratio	Lower	Upper
173	100		
175	80.9	38.9	58.3#
171	81.3	42.2	63.2#



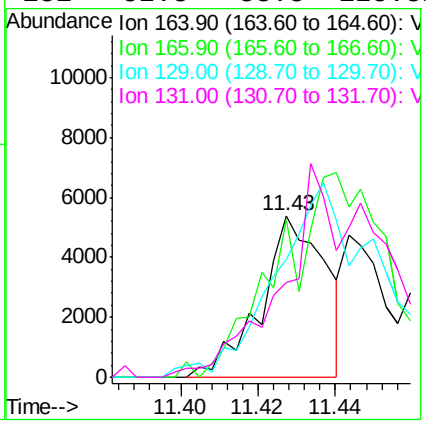


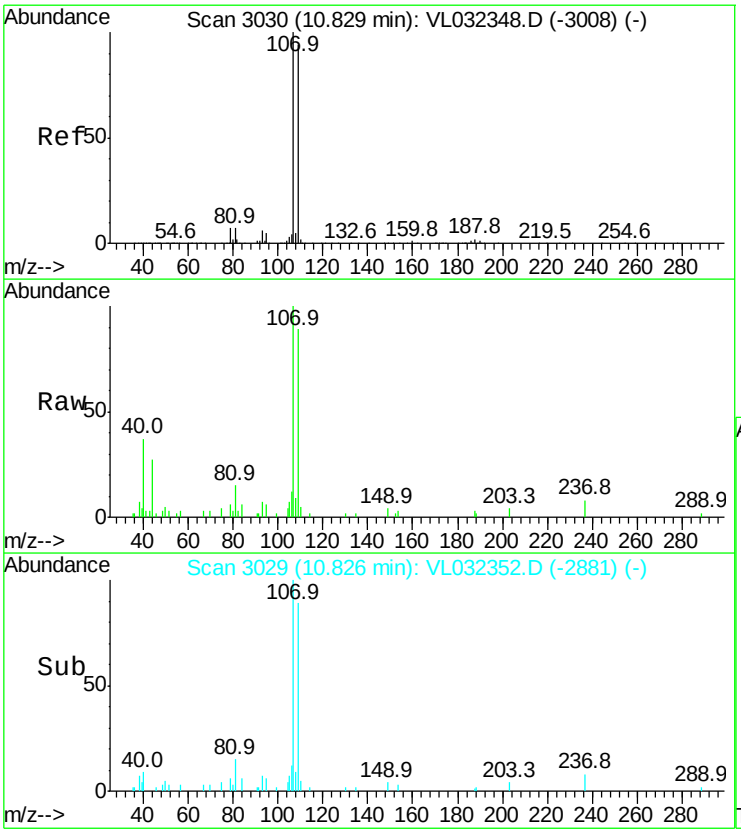
#52
Tetrachloroethene
Concen: 0.043 ppbv
RT: 11.43 min Scan# 3216
Delta R.T. -0.04 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:164 Resp: 6183

Ion	Ratio	Lower	Upper
164	100		
166	87.9	100.0	150.0#
129	65.1	87.9	131.9#
131	52.8	83.8	125.8#

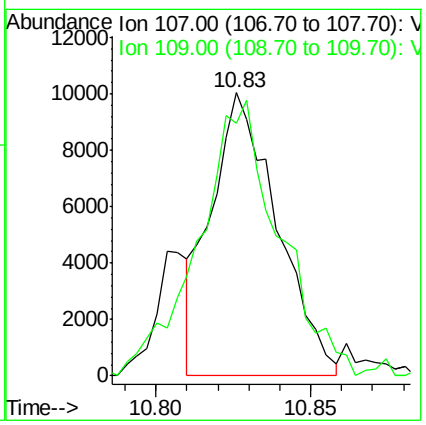


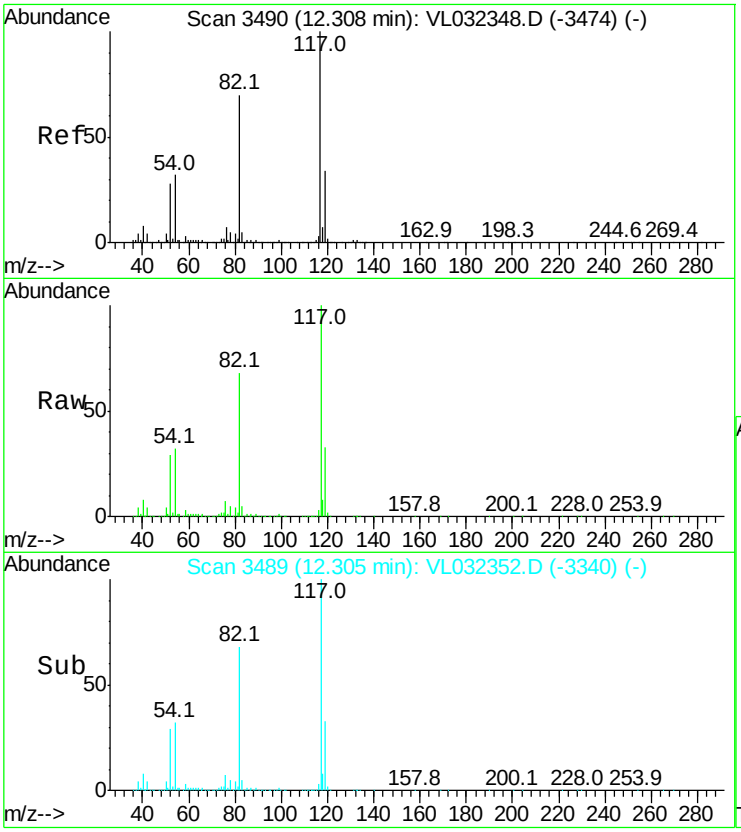


#54
1,2-Dibromoethane
Concen: 0.051 ppbv
RT: 10.83 min Scan# 3029
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:107 Resp: 14954

Ion	Ratio	Lower	Upper
107	100		
109	84.5	74.1	111.1



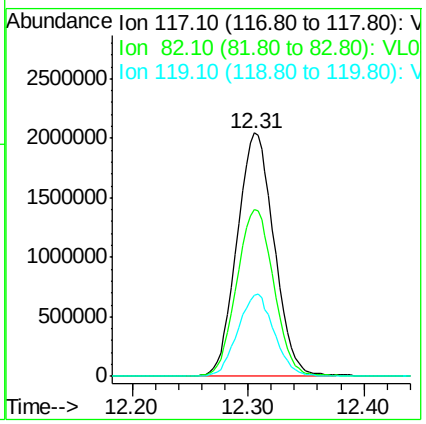


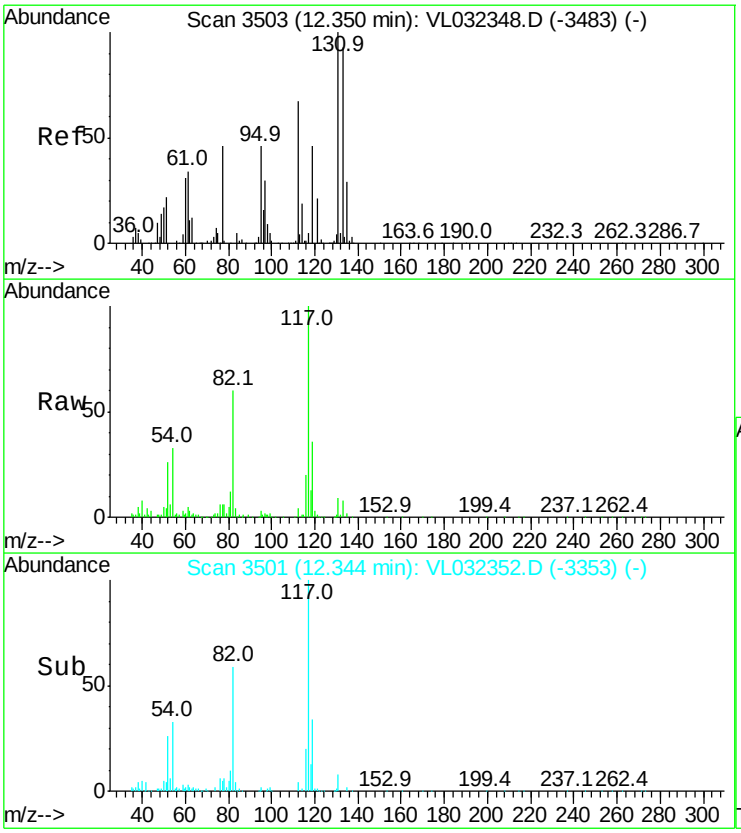
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3489
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 4552070

Ion	Ratio	Lower	Upper
117	100		
82	69.1	52.6	78.8
119	33.3	25.7	38.5

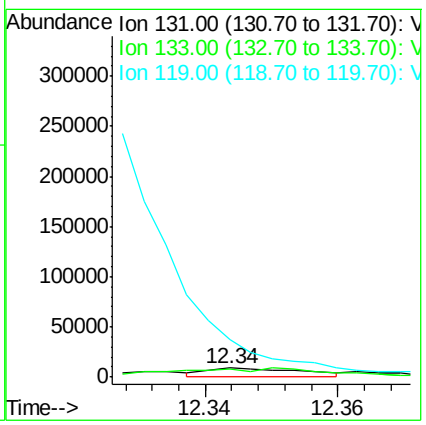


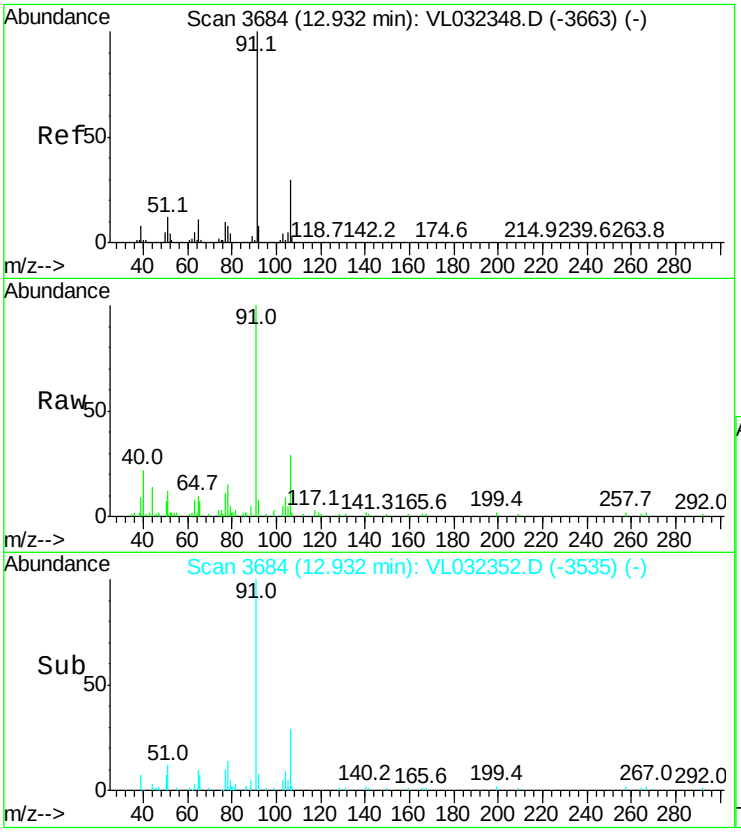


#56
1,1,1,2-Tetrachloroethane
Concen: 0.049 ppbv
RT: 12.34 min Scan# 3501
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:131 Resp: 9243

Ion	Ratio	Lower	Upper
131	100		
133	187.3	75.8	113.6#
119	0.0	48.1	72.1#



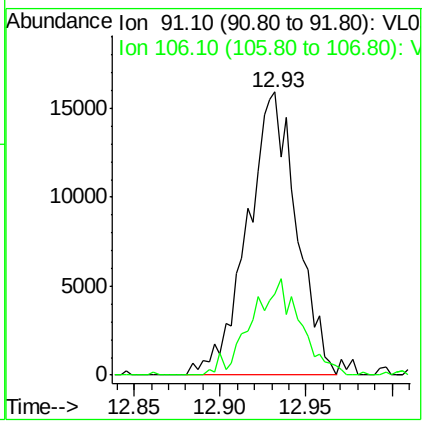


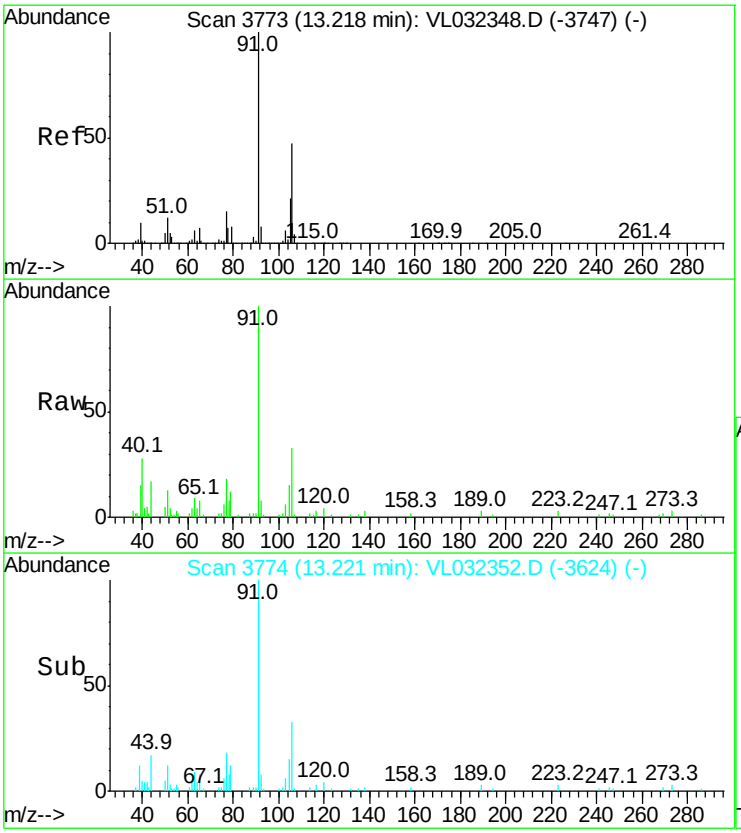
#58
Ethyl Benzene
Concen: 0.056 ppbv
RT: 12.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 31682

Ion	Ratio	Lower	Upper
91	100		
106	28.8	25.0	37.4

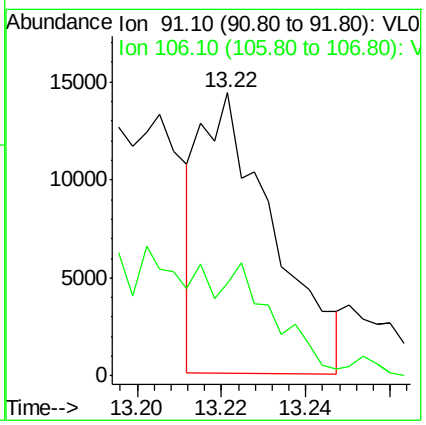


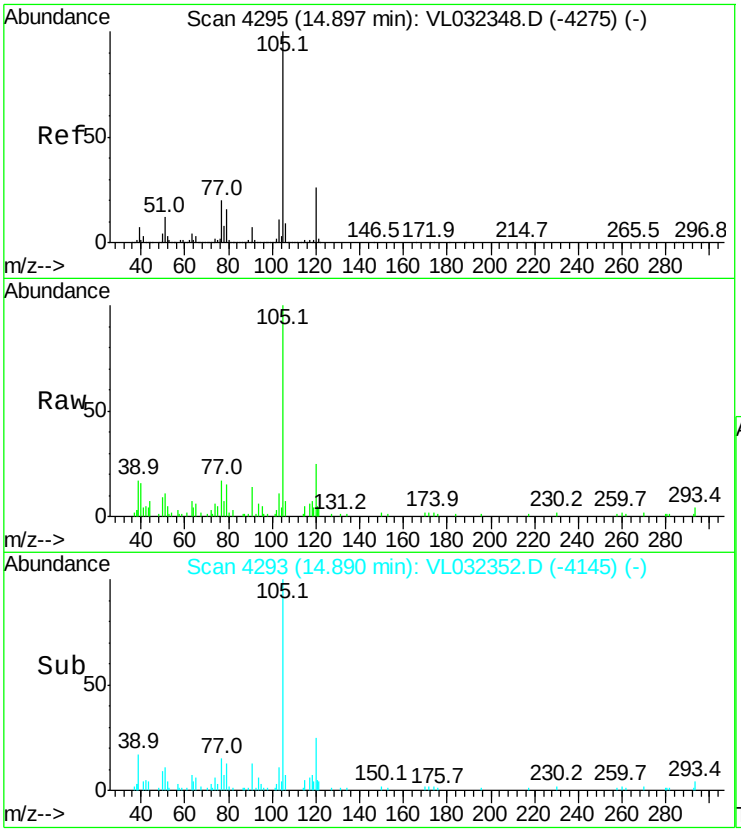


#59
m/p-Xylene
Concen: 0.035 ppbv
RT: 13.22 min Scan# 3774
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 91 Resp: 17151

Ion	Ratio	Lower	Upper
91	100		
106	66.2	36.4	54.6#



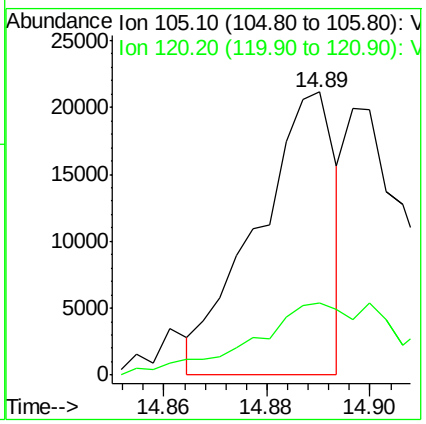


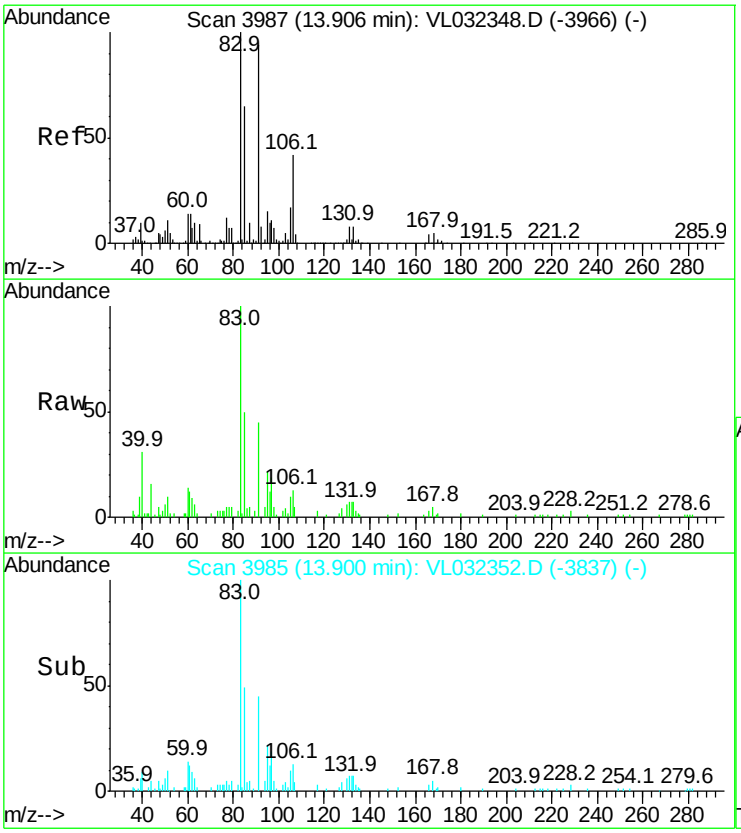
#62
Isopropylbenzene
Concen: 0.033 ppbv
RT: 14.89 min Scan# 4293
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:105 Resp: 22319

Ion	Ratio	Lower	Upper
105	100		
120	48.2	20.4	30.6#

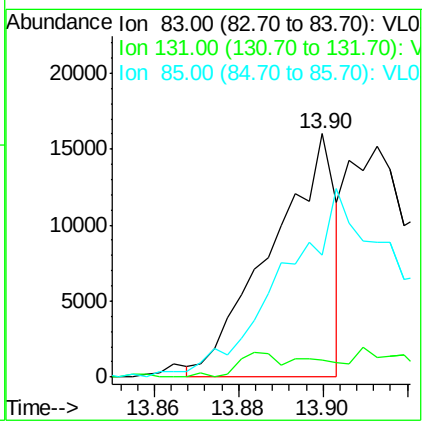


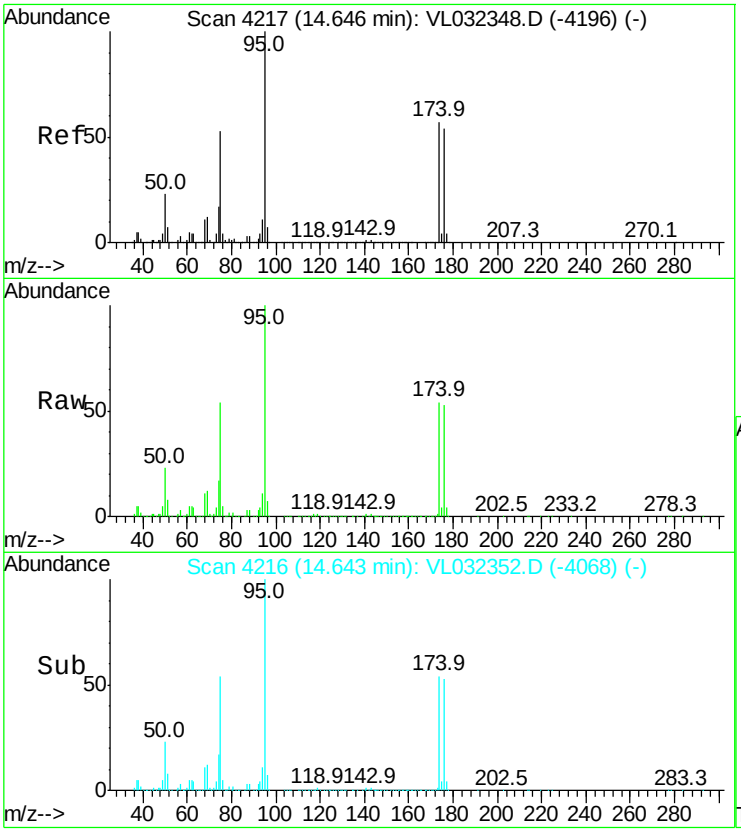


#63
1,1,2,2-Tetrachloroethane
Concen: 0.044 ppbv
RT: 13.90 min Scan# 3985
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion: 83 Resp: 17006

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	12.8#
85	148.9	32.6	97.7#



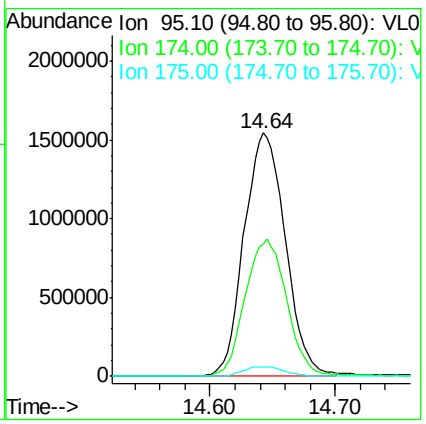


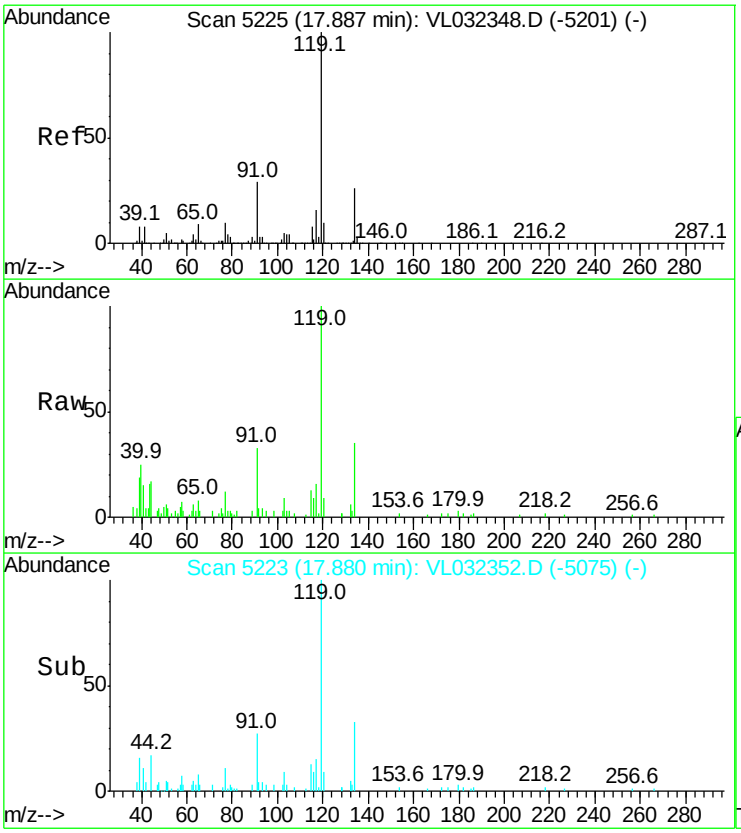
#68
1-Bromo-4-Fluorobenzene
Concen: 10.006 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 3535458

Ion	Ratio	Lower	Upper
95	100		
174	57.5	45.5	68.3
175	4.0	3.3	4.9

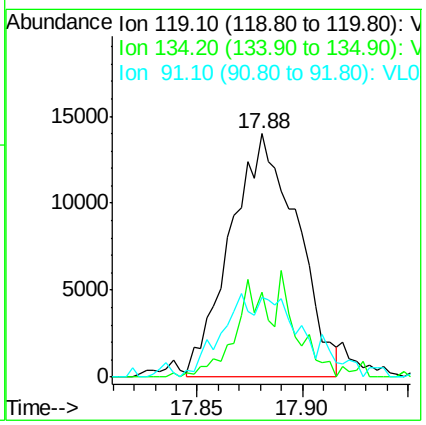


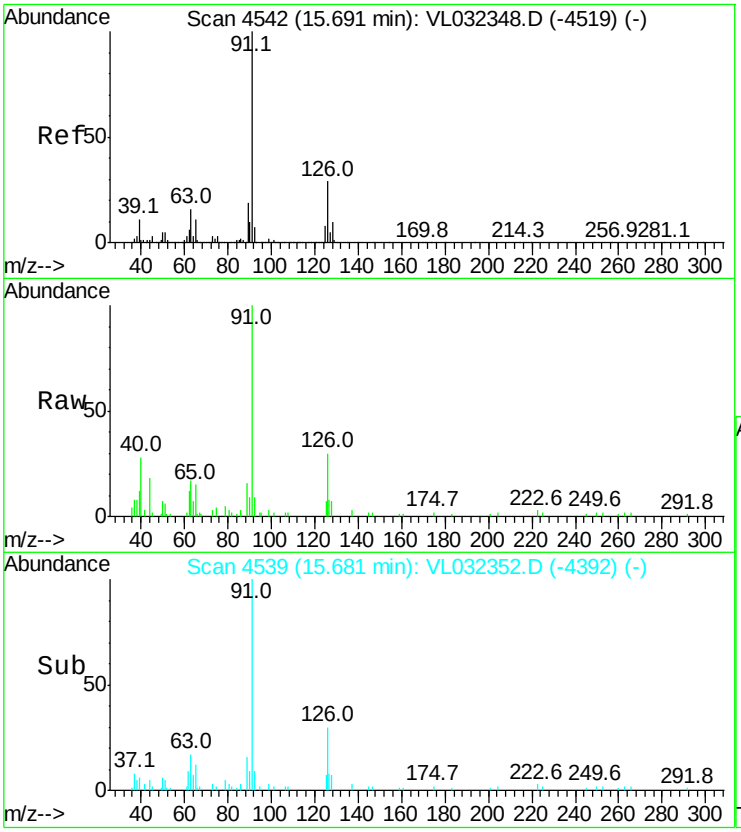


#69
p-Isopropyltoluene
Concen: 0.047 ppbv
RT: 17.88 min Scan# 5223
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:119 Resp: 30856

Ion	Ratio	Lower	Upper
119	100		
134	33.2	20.3	30.5#
91	42.1	23.8	35.6#



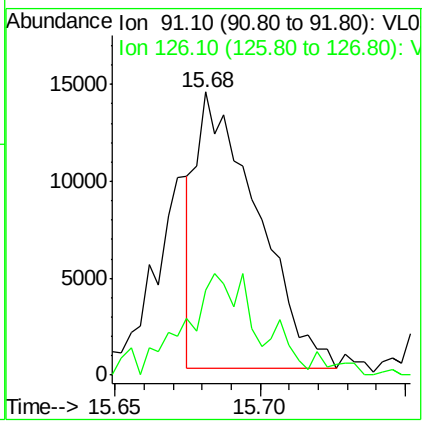


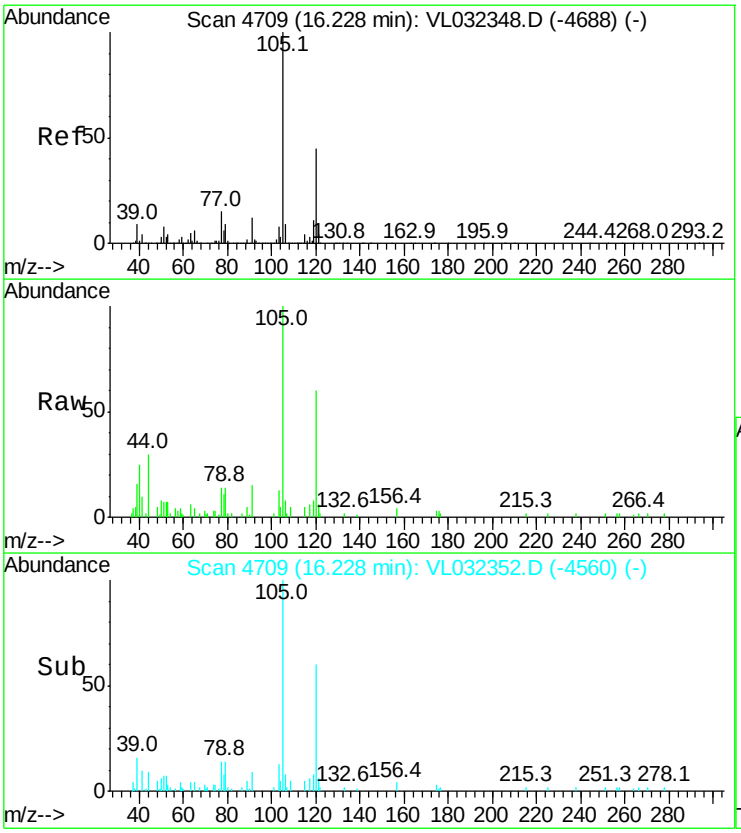
#71
2-Chlorotoluene
Concen: 0.039 ppbv
RT: 15.68 min Scan# 4539
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 20827

Ion	Ratio	Lower	Upper
91	100		
126	49.0	11.8	47.0#

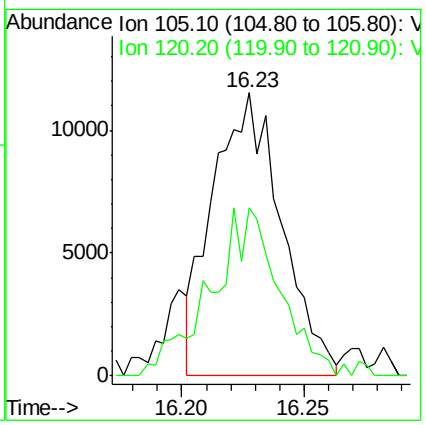


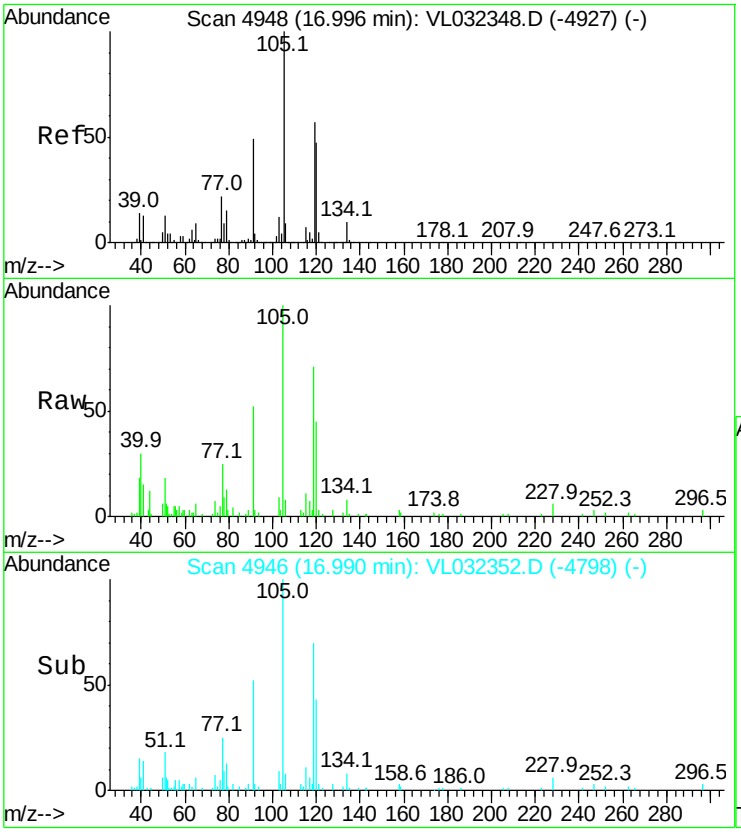


#73
1,3,5-Trimethylbenzene
Concen: 0.043 ppbv
RT: 16.23 min Scan# 4709
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:105 Resp: 22474

Ion	Ratio	Lower	Upper
105	100		
120	61.8	36.5	54.7#



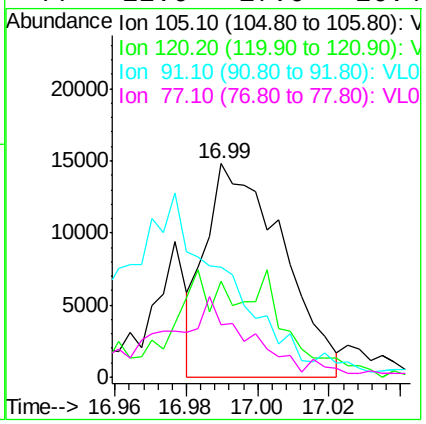


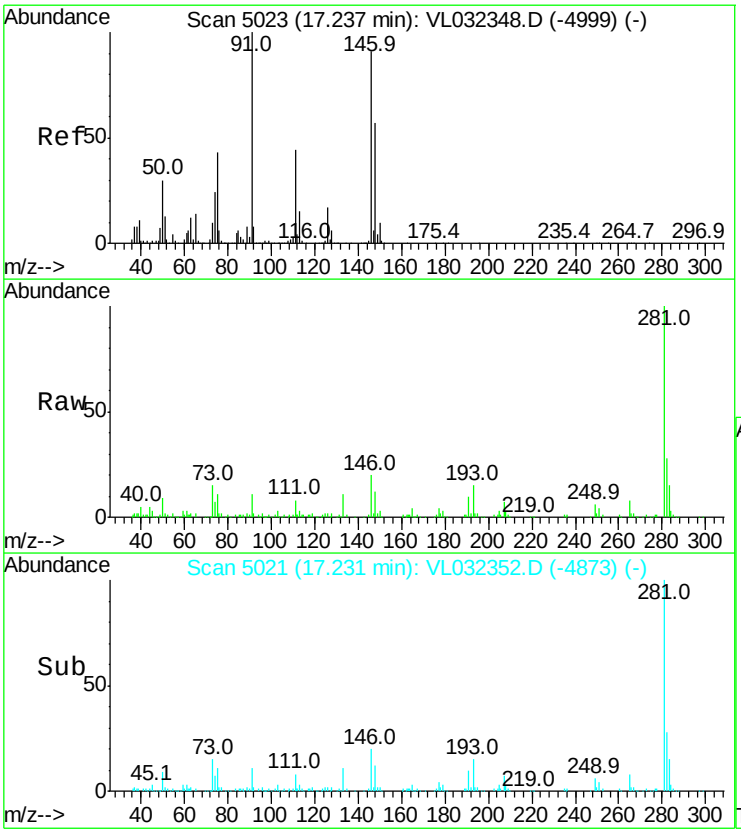
#74
1,2,4-Trimethylbenzene
Concen: 0.040 ppbv
RT: 16.99 min Scan# 4946
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:105 Resp: 22085

Ion	Ratio	Lower	Upper
105	100		
120	43.7	37.8	56.6
91	50.9	39.4	59.0
77	22.6	17.6	26.4

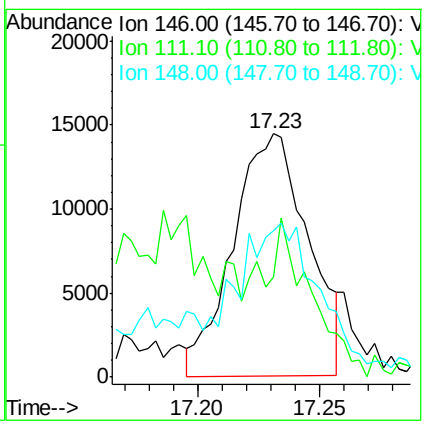


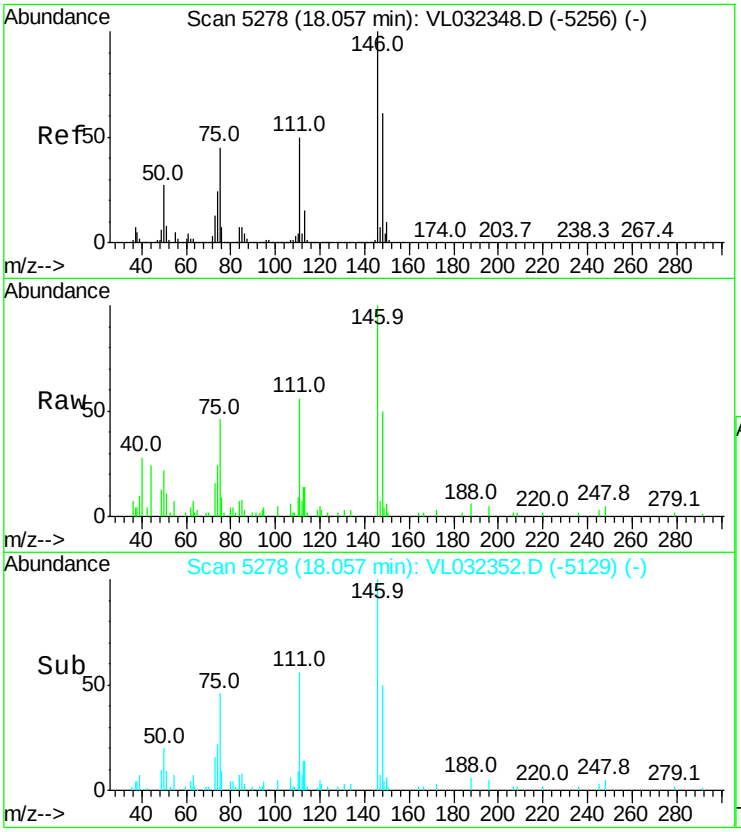


#75
1,3-Dichlorobenzene
Concen: 0.096 ppbv
RT: 17.23 min Scan# 5021
Delta R.T. -0.03 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Tgt Ion:146 Resp: 30805

Ion	Ratio	Lower	Upper
146	100		
111	47.7	24.6	73.8
148	70.8	31.6	95.0





#77
1,2-Dichlorobenzene
Concen: 0.059 ppbv
RT: 18.06 min Scan# 5278
Delta R.T. -0.02 min
Lab File: VL032352.D
Acq: 15 Aug 2018 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 18609

Ion	Ratio	Lower	Upper
146	100		
111	70.9	25.1	75.3
148	77.4	31.9	95.7