Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032606.D
Acq On : 11 Oct 2018 16:03
Operator : SY/AP
Sample : J5316-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Quant Time: Oct 12 01:54:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1617789	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3542614	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3748024	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2682194	9.49	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	5469	0.037	ppbv		97
4) Chloromethane	3.19	50	10743	0.137	ppbv		92
9) Propene	3.05	41	53968	0.925	ppbv		99
11) Trichlorofluoromethane	4.02	101	10654	0.060	ppbv		88
13) Ethanol	3.68	45	18618	1.061	ppbv		88
15) Acetone	3.91	43	6408745	45.130	ppbv		96
16) 1,3-Butadiene	3.36	39	361503	6.277	ppbv	#	6
17) tert-Butyl alcohol	4.40	59	59896	3.357	ppbv	#	100
19) Isopropyl Alcohol	4.06	45	16401	0.166	ppbv	#	93
20) Methylene Chloride	4.43	84	34991	0.509	ppbv		95
23) Vinyl Acetate	5.17	43	18428	0.073	ppbv	#	90
25) Ethyl Acetate	5.80	43	74159	0.215	ppbv	#	80
26) Hexane	5.80	57	54809	0.352	ppbv	#	30
34) 2-Butanone	5.36	43	165131	0.783	ppbv		96
36) Benzene	7.02	78	10048	0.035	ppbv	#	83
39) 1,2-Dichloropropane	7.32	63	921754	7.144	ppbv	#	25
53) Toluene	9.98	91	4645973	13.317	ppbv		99
58) Ethyl Benzene	12.89	91	399449	0.879	ppbv		98
59) m/p-Xylene	13.15	91	1319059	3.261	ppbv		99
60) o-Xylene	13.88	91	347078	0.881	ppbv		99
69) p-Isopropyltoluene	17.85	119	19800	0.036	ppbv	#	82
74) 1,2,4-Trimethylbenzene	16.95	105	31462	0.070	ppbv	#	62
79) Naphthalene	22.46	128	159120	0.493	ppbv		96

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

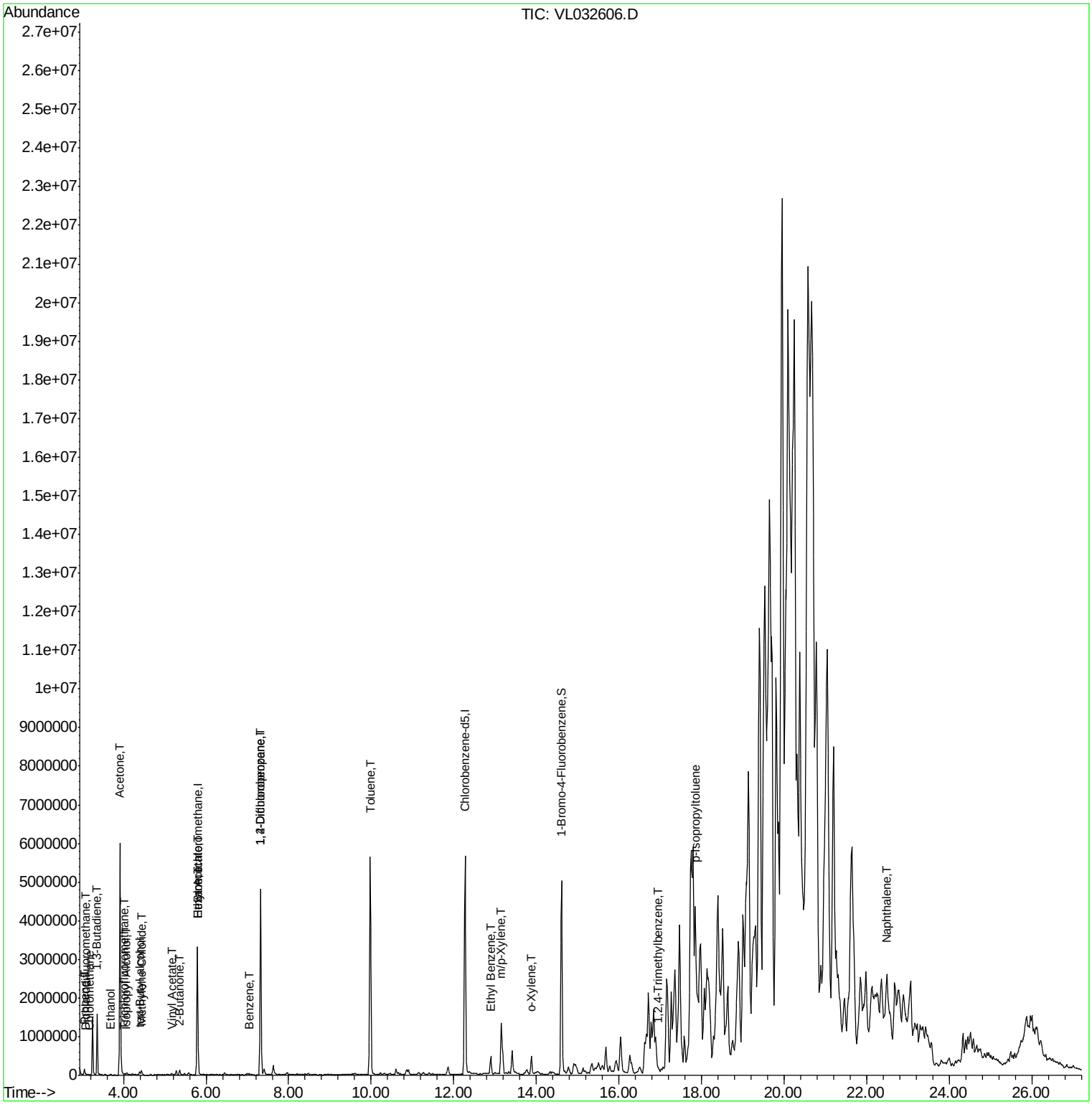
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

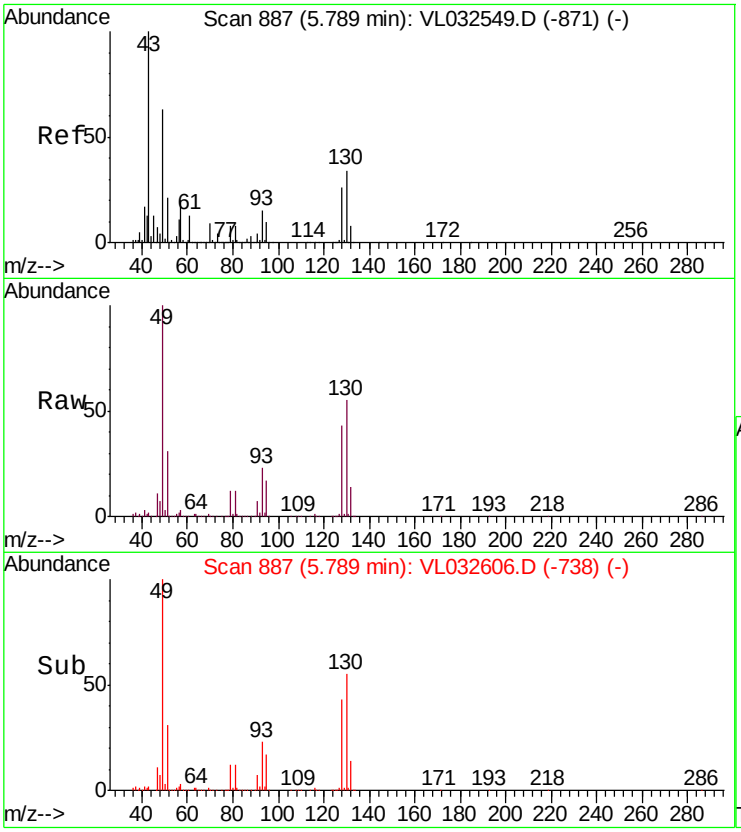
Quantitation Report (Not Reviewed)

Data File : VL032606.D
Acq On : 11 Oct 2018 16:03
Operator : SY/AP
Sample : J5316-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Quant Time: Oct 12 01:54:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration



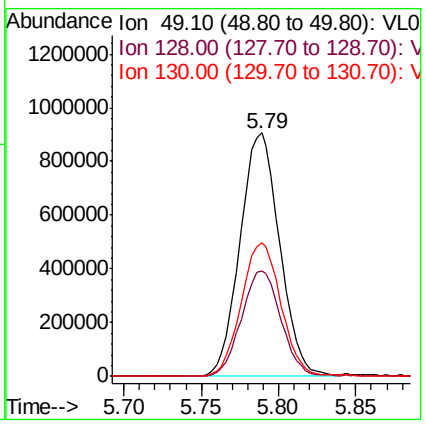


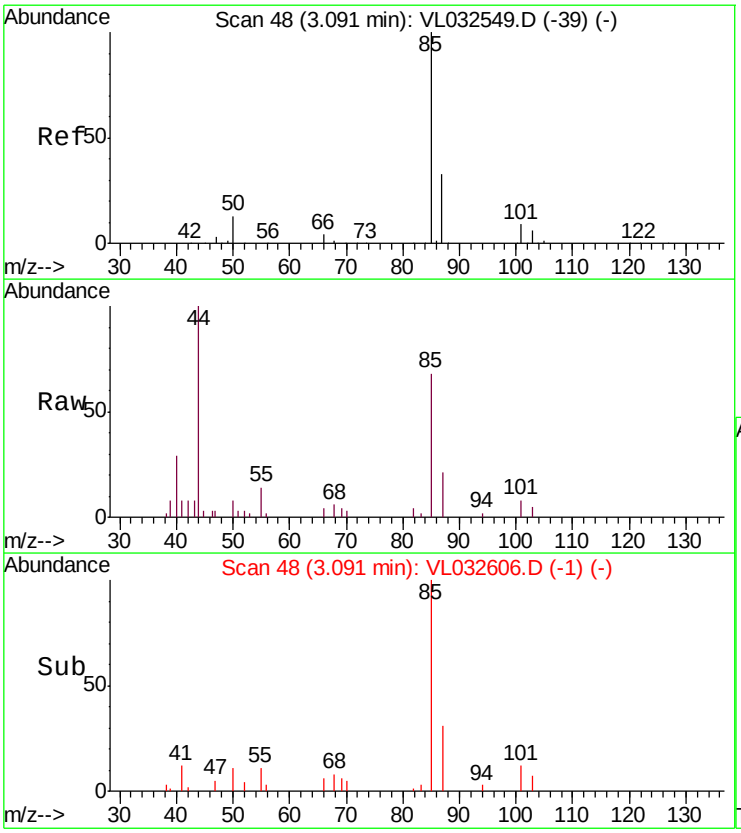
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 49 Resp: 1617789

Ion	Ratio	Lower	Upper
49	100		
128	43.6	20.7	62.1
130	55.1	26.6	79.7

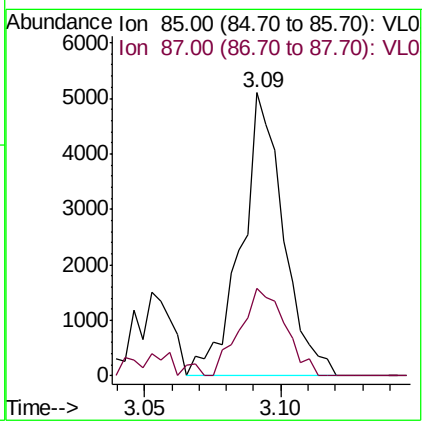


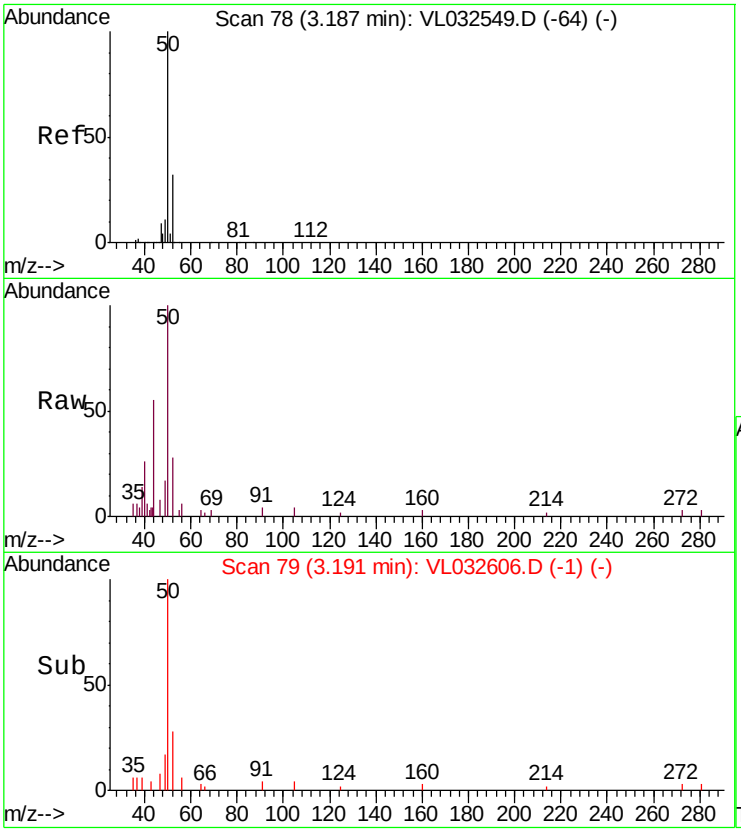


#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.09 min Scan# 48
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 85 Resp: 5469

Ion	Ratio	Lower	Upper
85	100		
87	30.9	26.2	39.4



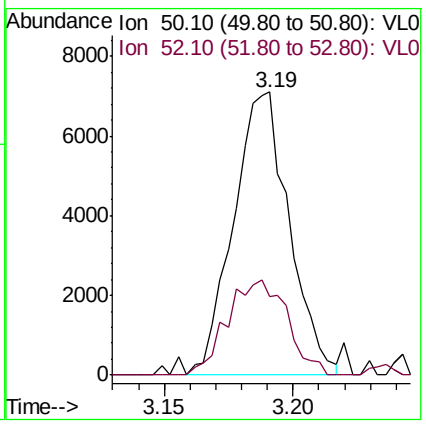


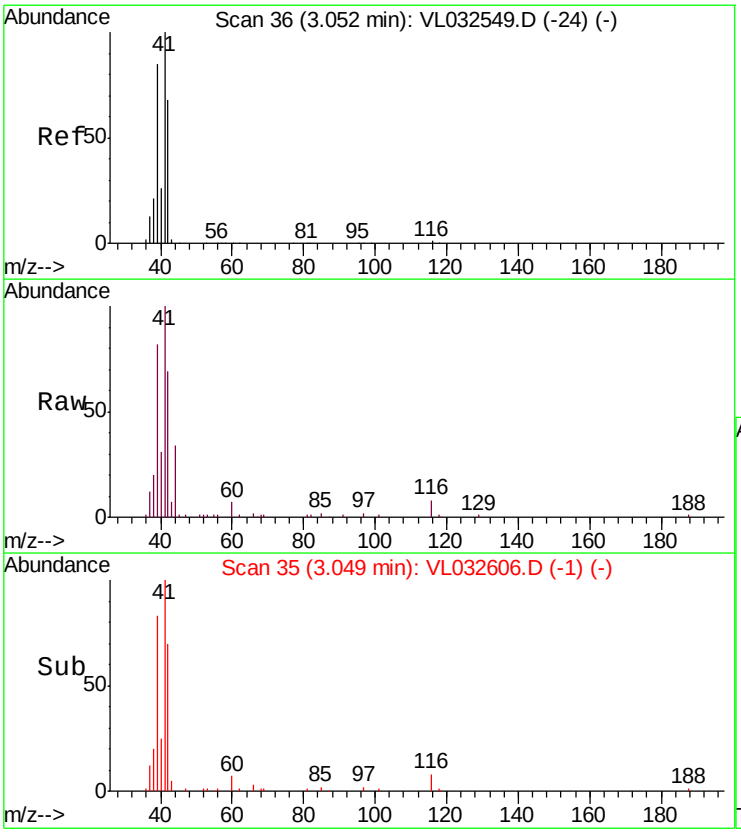
#4
Chloromethane
Concen: 0.137 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 50 Resp: 10743

Ion	Ratio	Lower	Upper
50	100		
52	27.7	25.6	38.4

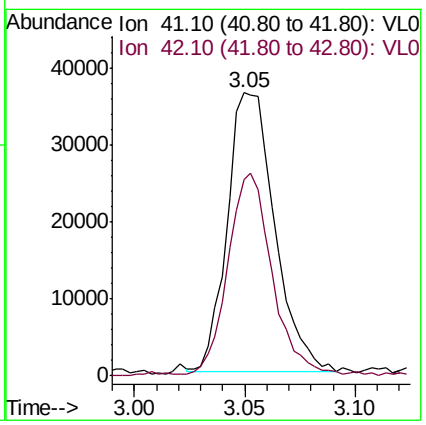


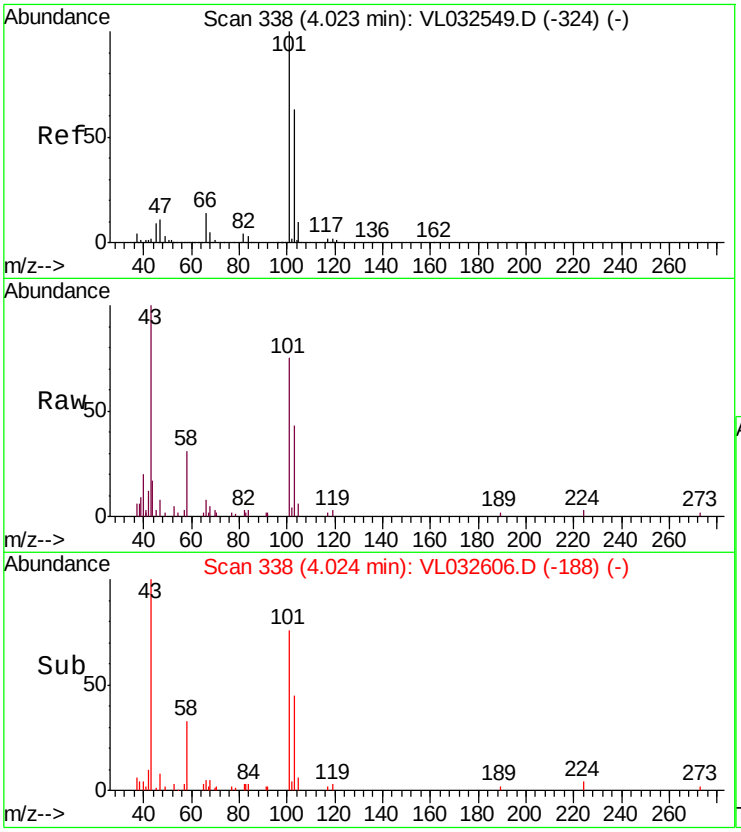


#9
Propene
Concen: 0.925 ppbv
RT: 3.05 min Scan# 35
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 41 Resp: 53968

Ion	Ratio	Lower	Upper
41	100		
42	69.5	56.6	84.8



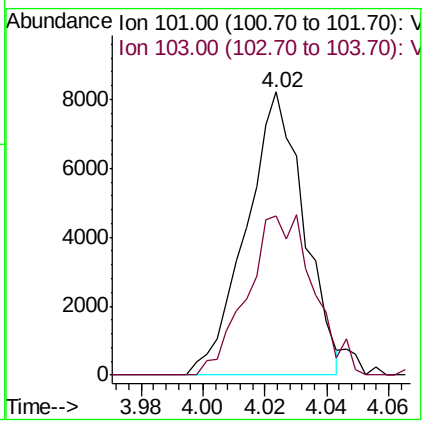


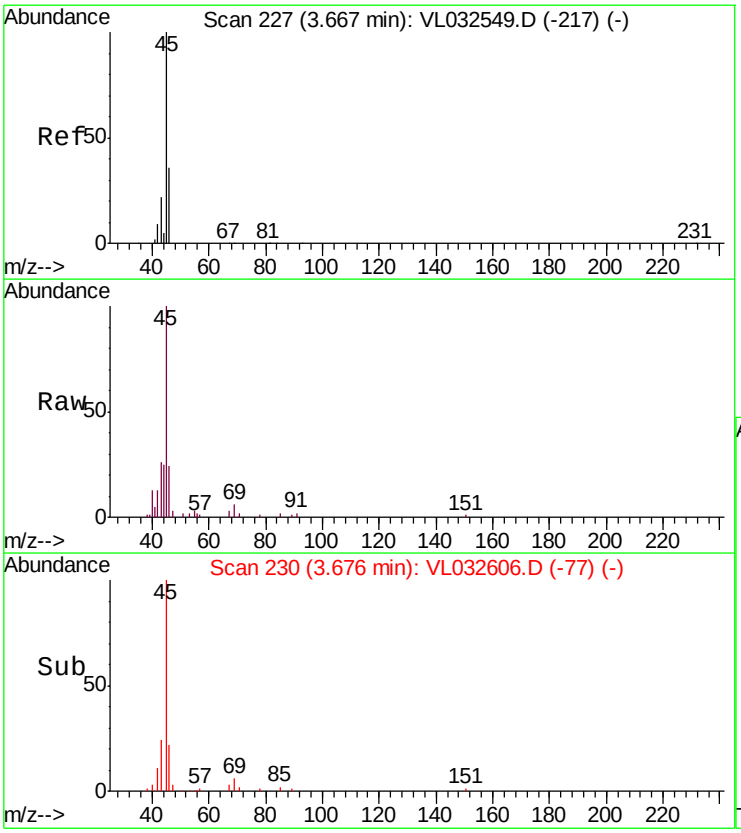
#11
Trichlorofluoromethane
Concen: 0.060 ppbv
RT: 4.02 min Scan# 338
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion:101 Resp: 10654

Ion	Ratio	Lower	Upper
101	100		
103	56.4	52.8	79.2

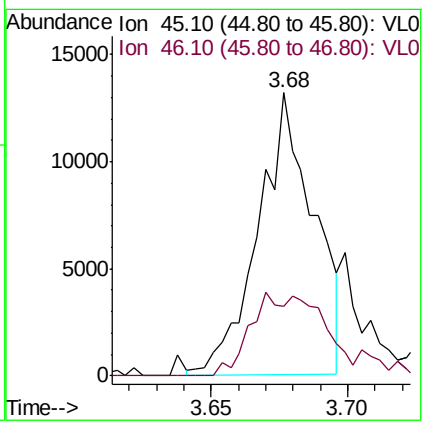


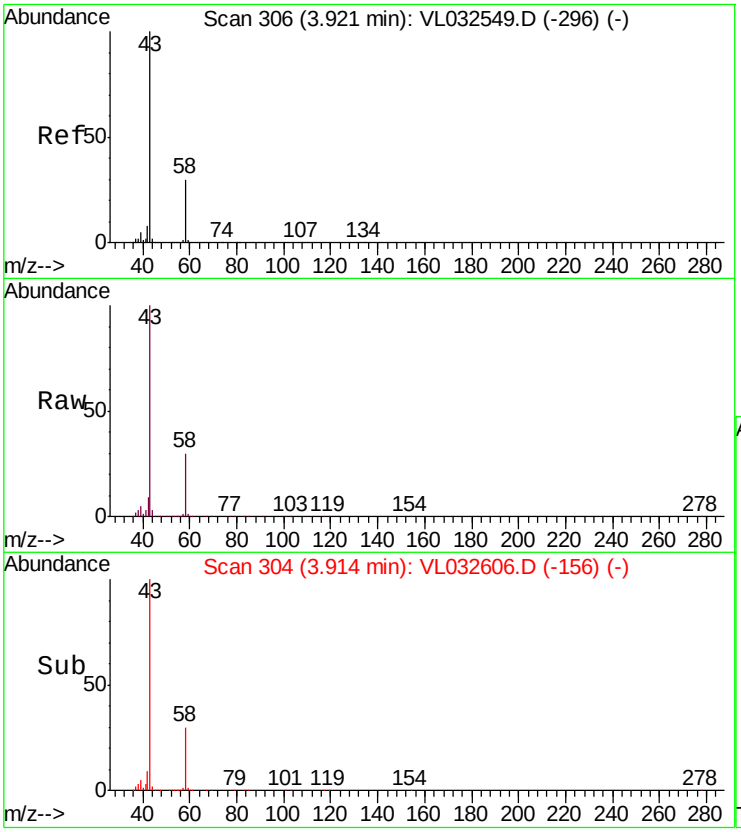


#13
Ethanol
Concen: 1.061 ppbv
RT: 3.68 min Scan# 230
Delta R.T. -0.01 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 45 Resp: 18618

Ion	Ratio	Lower	Upper
45	100		
46	42.7	14.2	56.8



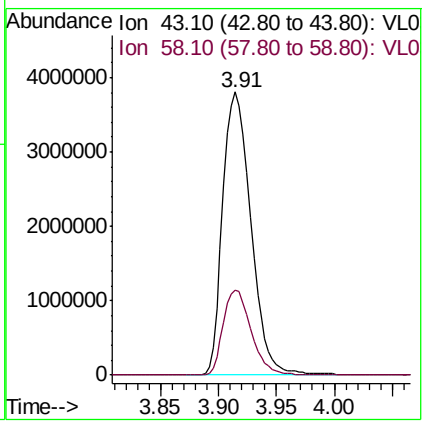


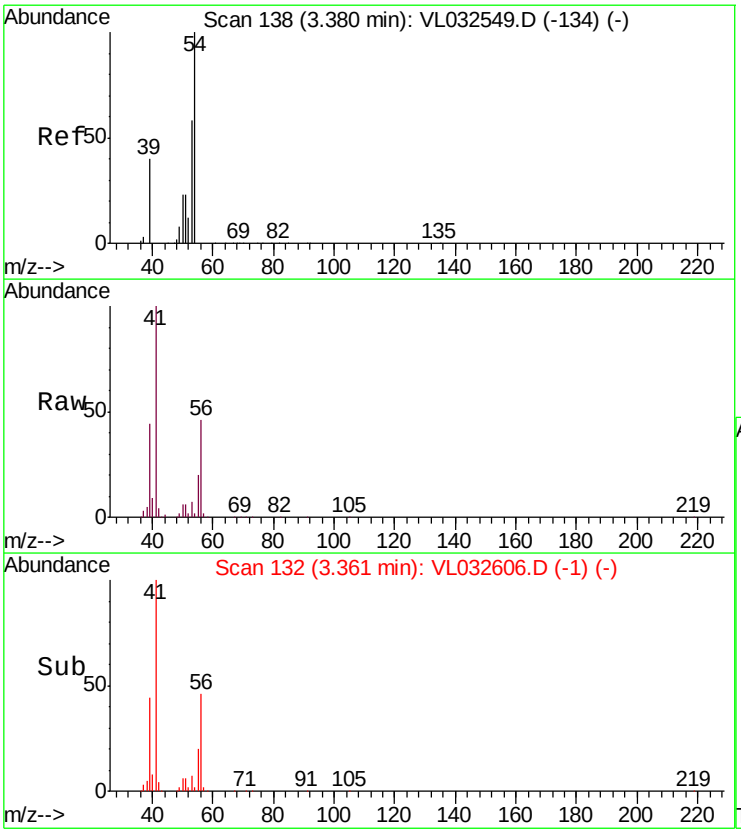
#15
Acetone
Concen: 45.130 ppbv
RT: 3.91 min Scan# 304
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 43 Resp: 6408745

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.6	33.8

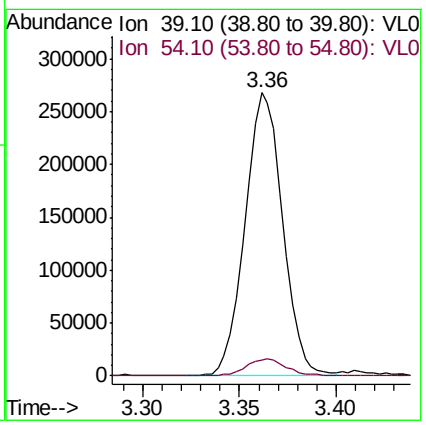


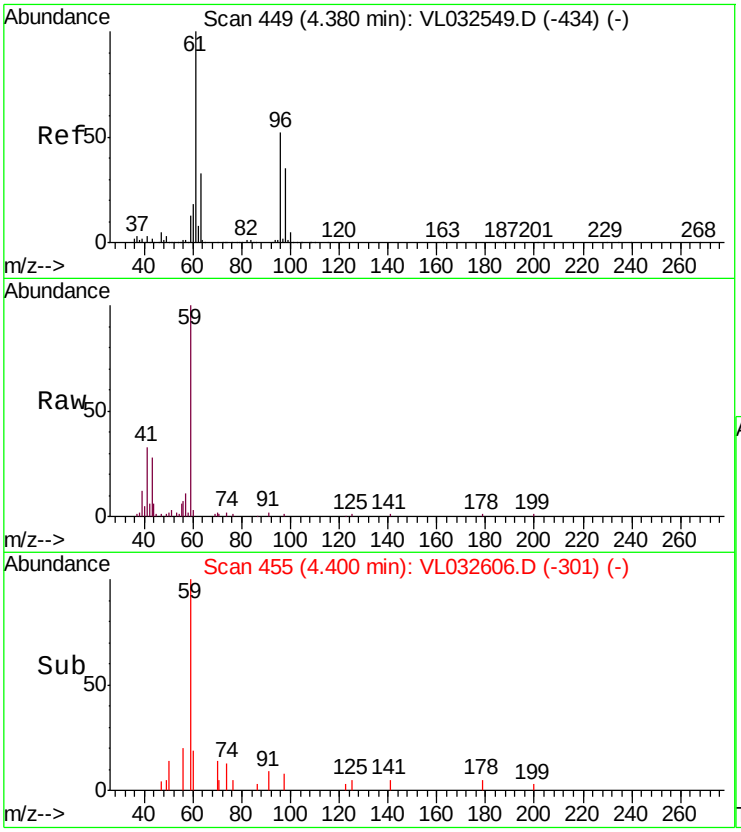


#16
1,3-Butadiene
Concen: 6.277 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.04 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 39 Resp: 361503

Ion	Ratio	Lower	Upper
39	100		
54	6.4	80.8	121.2#



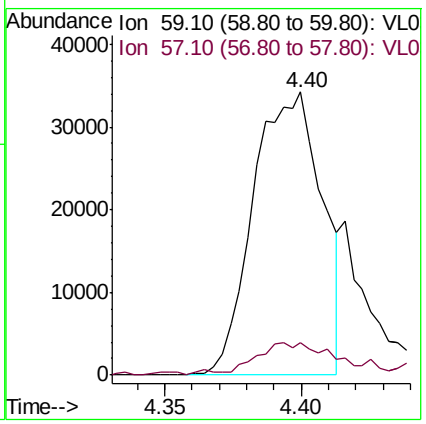


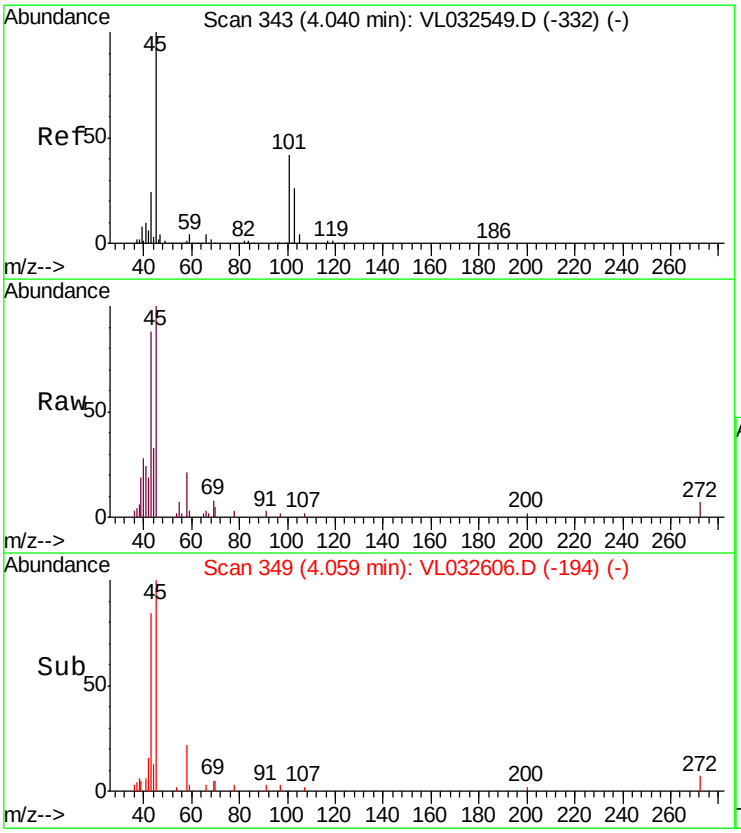
#17
tert-Butyl alcohol
Concen: 3.357 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 59 Resp: 59896

Ion	Ratio	Lower	Upper
59	100		
57	17.0	0.0	0.0#

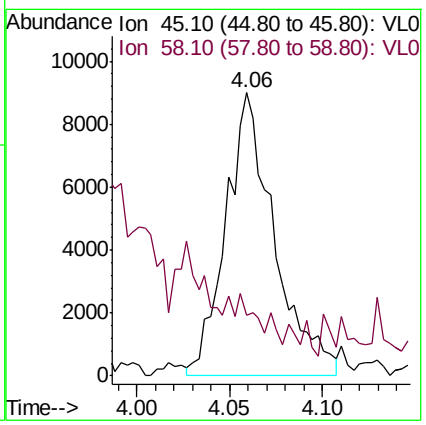


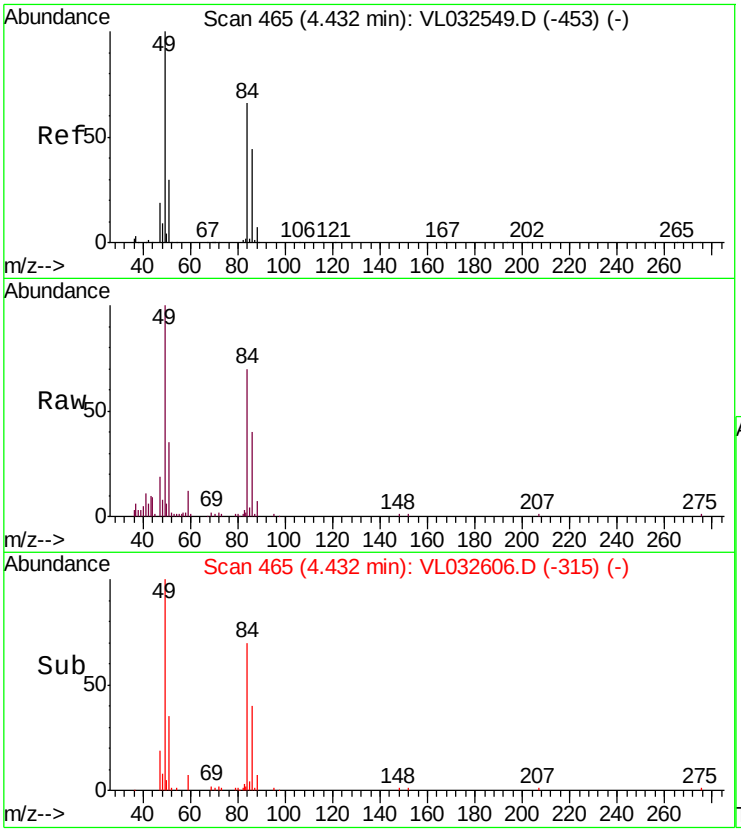


#19
Isopropyl Alcohol
Concen: 0.166 ppbv
RT: 4.06 min Scan# 349
Delta R.T. -0.00 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 45 Resp: 16401

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



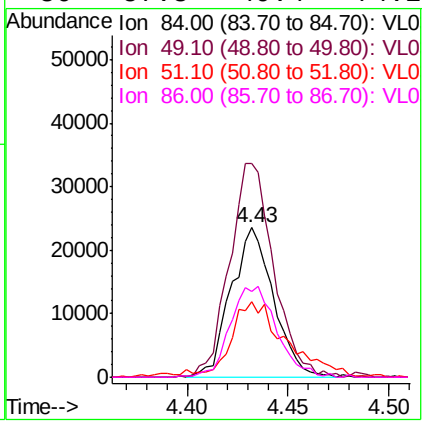


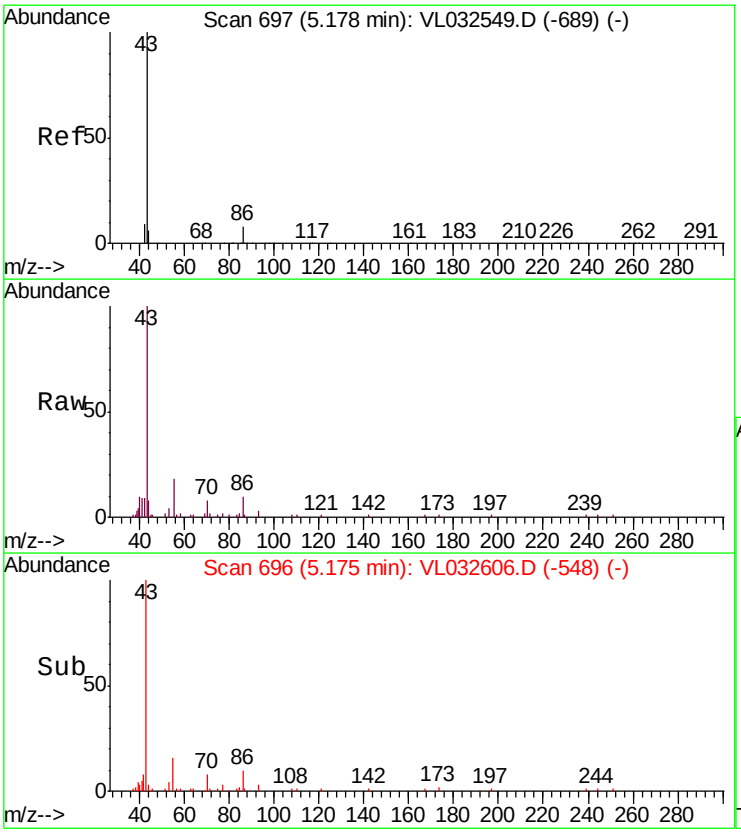
#20
Methylene Chloride
Concen: 0.509 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Tgt Ion: 84 Resp: 34991

Ion	Ratio	Lower	Upper
84	100		
49	142.1	119.1	178.7
51	45.7	35.2	52.8
86	57.3	49.4	74.2

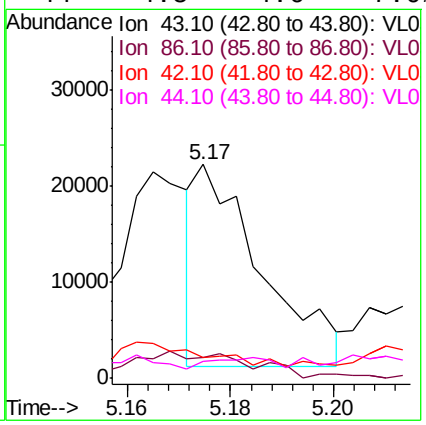


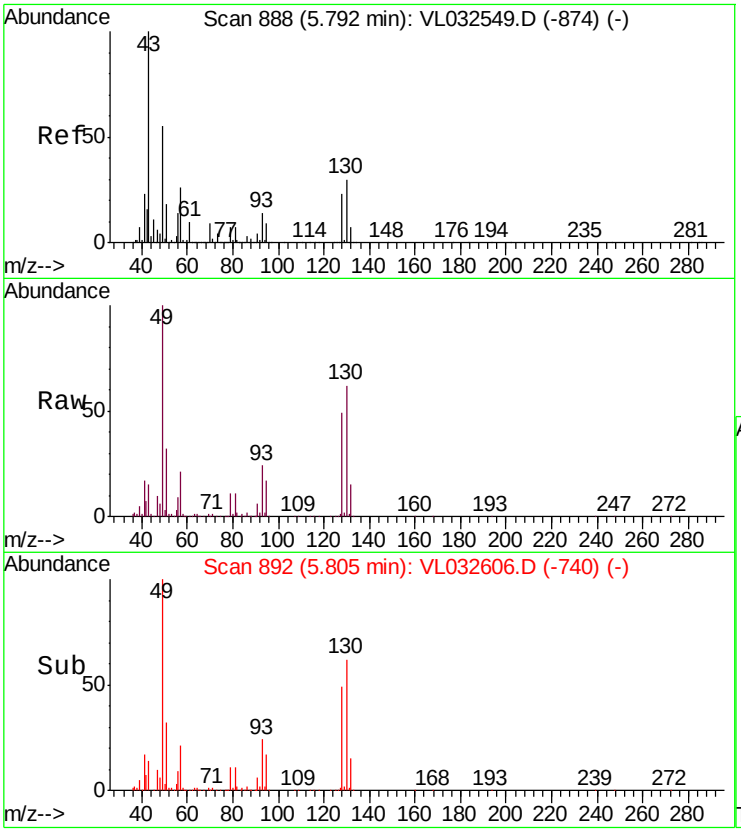


#23
Vinyl Acetate
Concen: 0.073 ppbv
RT: 5.17 min Scan# 696
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 43 Resp: 18428

Ion	Ratio	Lower	Upper
43	100		
86	11.8	5.9	8.9#
42	4.0	6.9	10.3#
44	4.5	4.6	7.0#



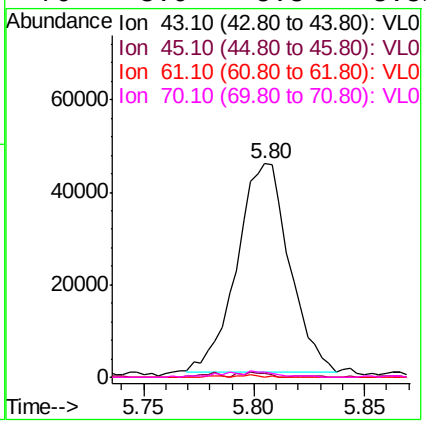


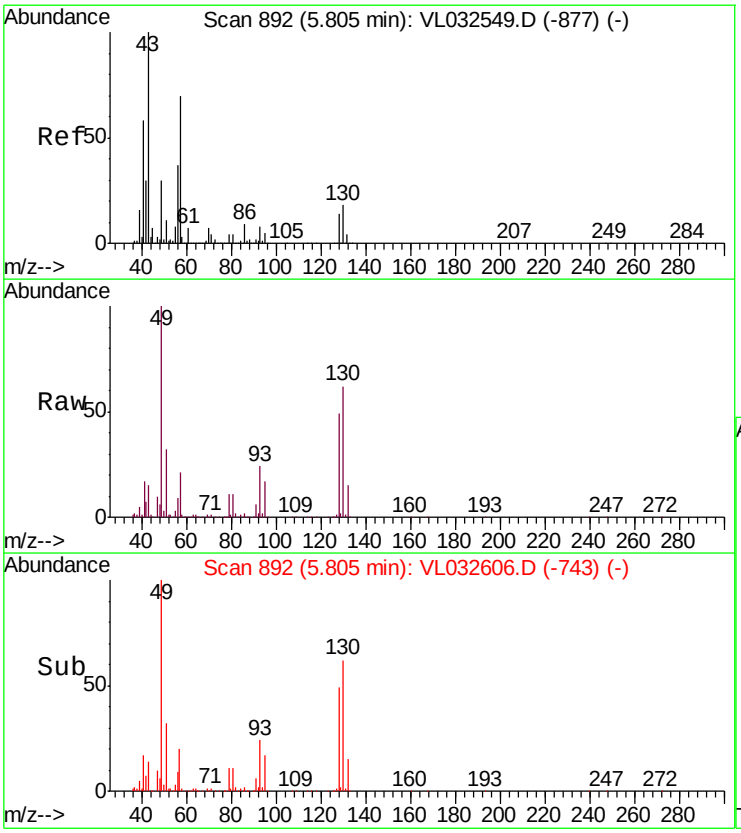
#25
Ethyl Acetate
Concen: 0.215 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Tgt Ion: 43 Resp: 74159

Ion	Ratio	Lower	Upper
43	100		
45	2.2	8.0	12.0#
61	0.6	7.6	11.4#
70	3.0	5.8	8.8#

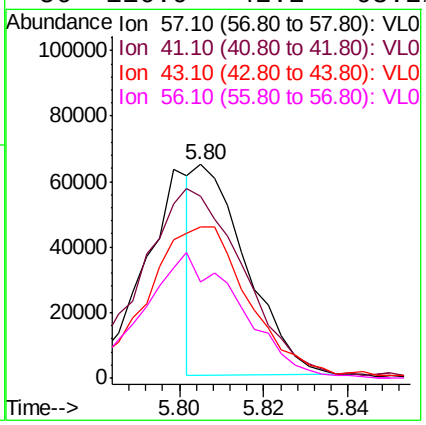


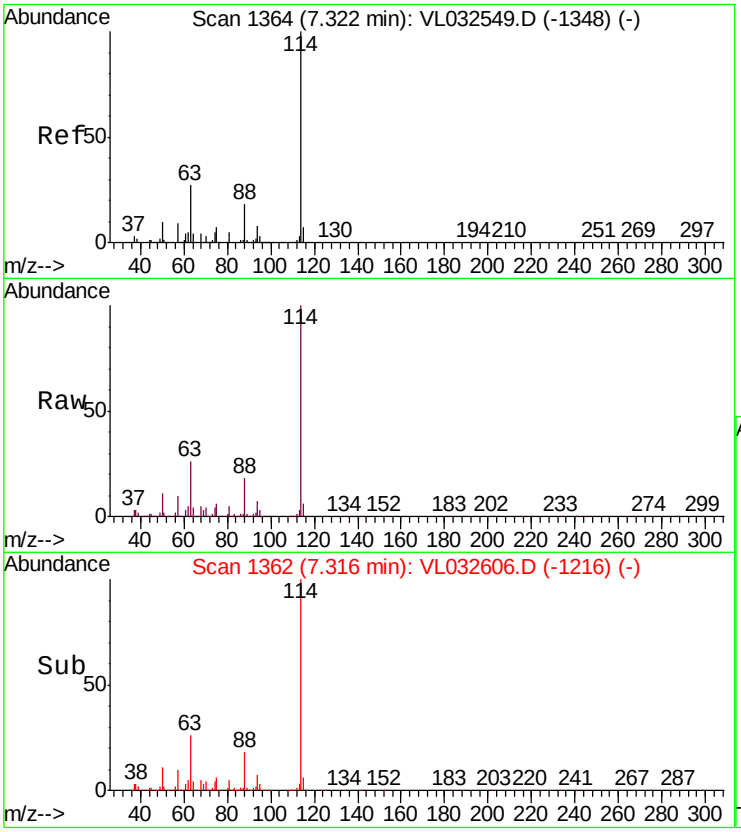


#26
Hexane
Concen: 0.352 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 57 Resp: 54809

Ion	Ratio	Lower	Upper
57	100		
41	194.7	69.0	103.4#
43	142.2	172.1	258.1#
56	116.9	42.2	63.2#



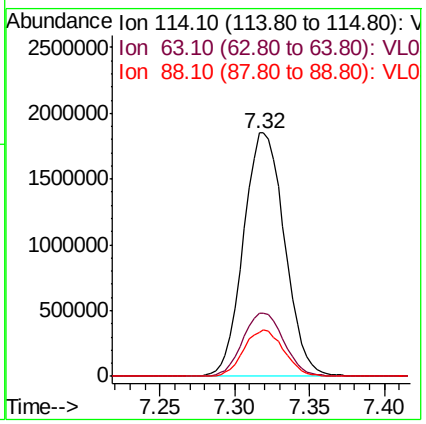


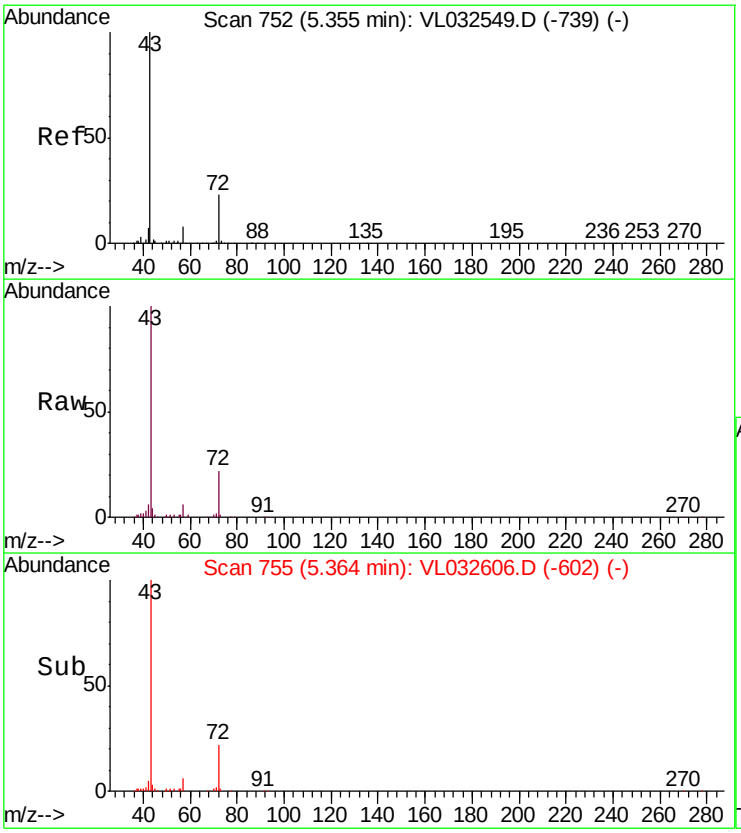
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion:114 Resp: 3542614

Ion	Ratio	Lower	Upper
114	100		
63	26.1	22.2	33.4
88	18.7	15.0	22.4

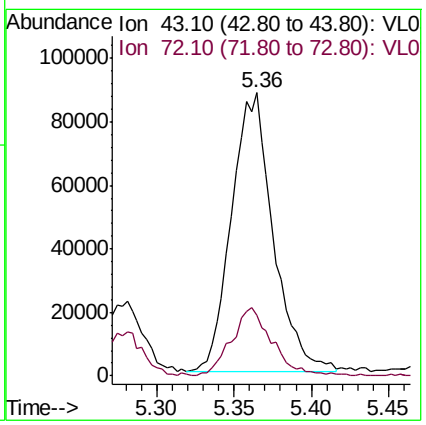


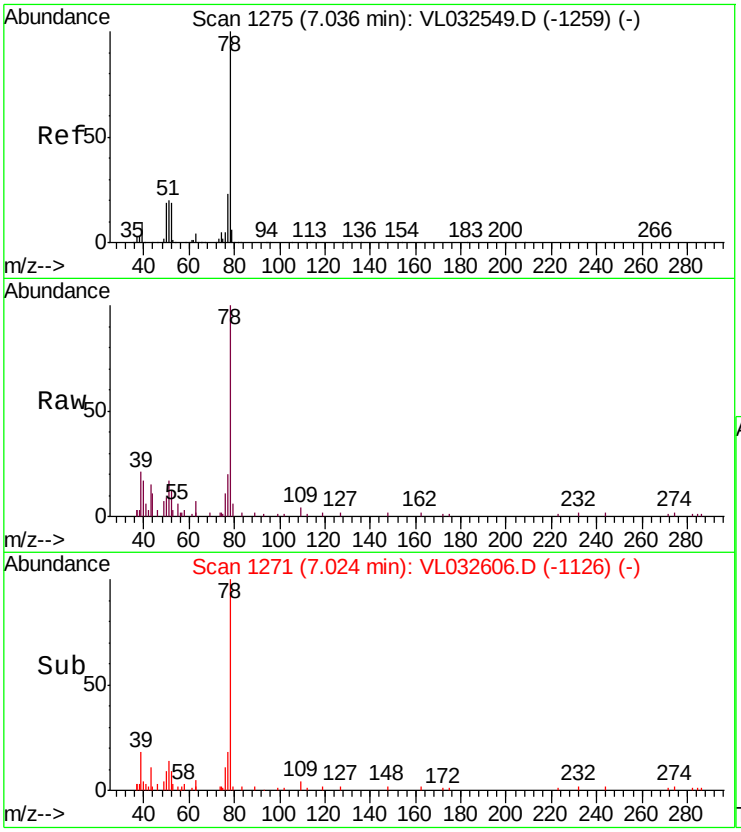


#34
2-Butanone
Concen: 0.783 ppbv
RT: 5.36 min Scan# 755
Delta R.T. -0.01 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 43 Resp: 165131

Ion	Ratio	Lower	Upper
43	100		
72	24.0	17.8	26.6



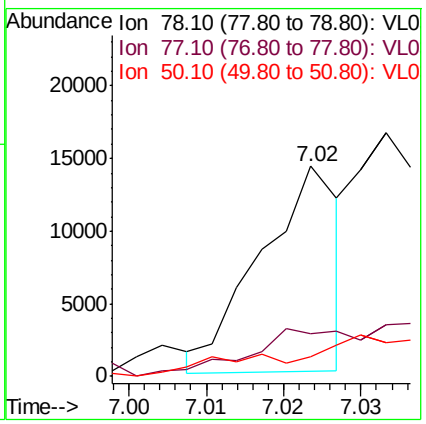


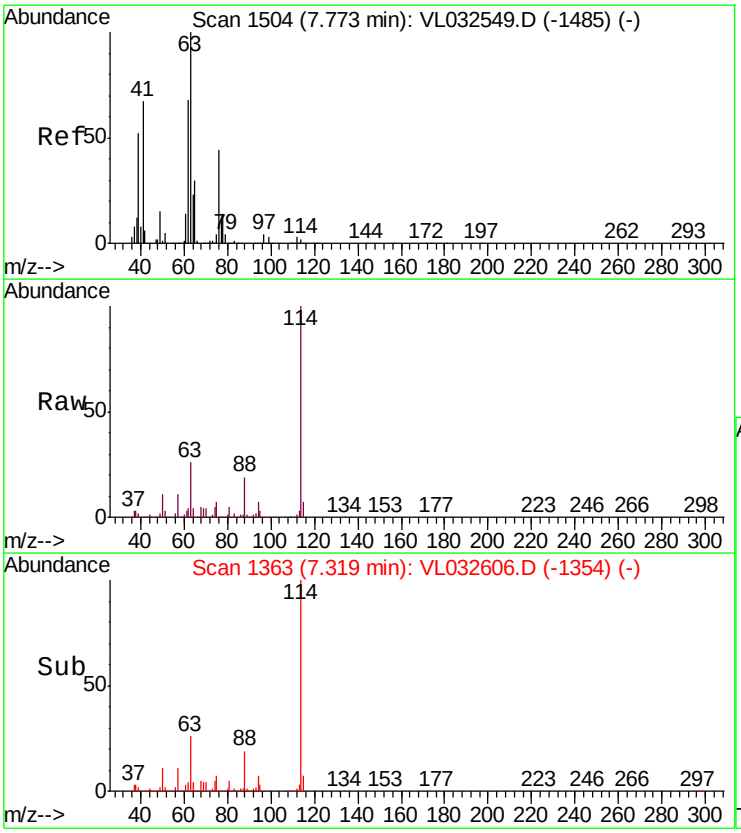
#36
Benzene
Concen: 0.035 ppbv
RT: 7.02 min Scan# 1271
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Tgt Ion: 78 Resp: 10048

Ion	Ratio	Lower	Upper
78	100		
77	18.8	18.4	27.6
50	5.4	14.4	21.6#

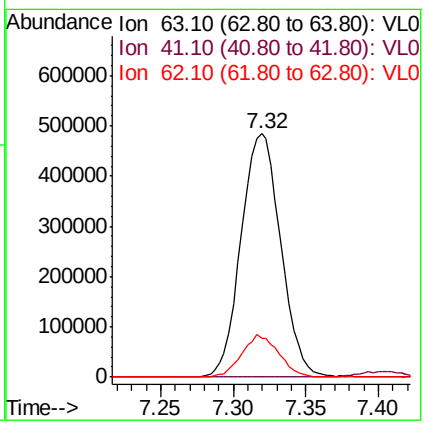


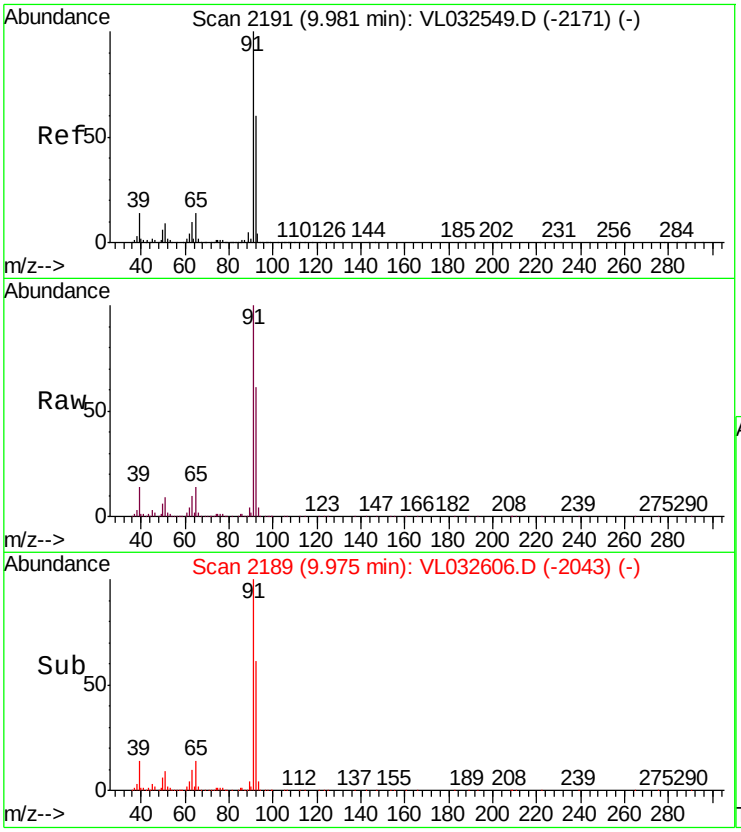


#39
1,2-Dichloropropane
Concen: 7.144 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 63 Resp: 921754

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.4	83.0#
62	15.9	55.4	83.0#



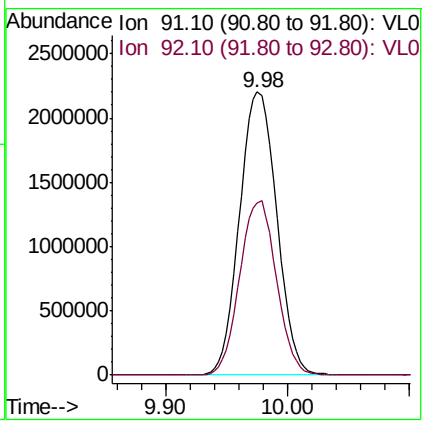


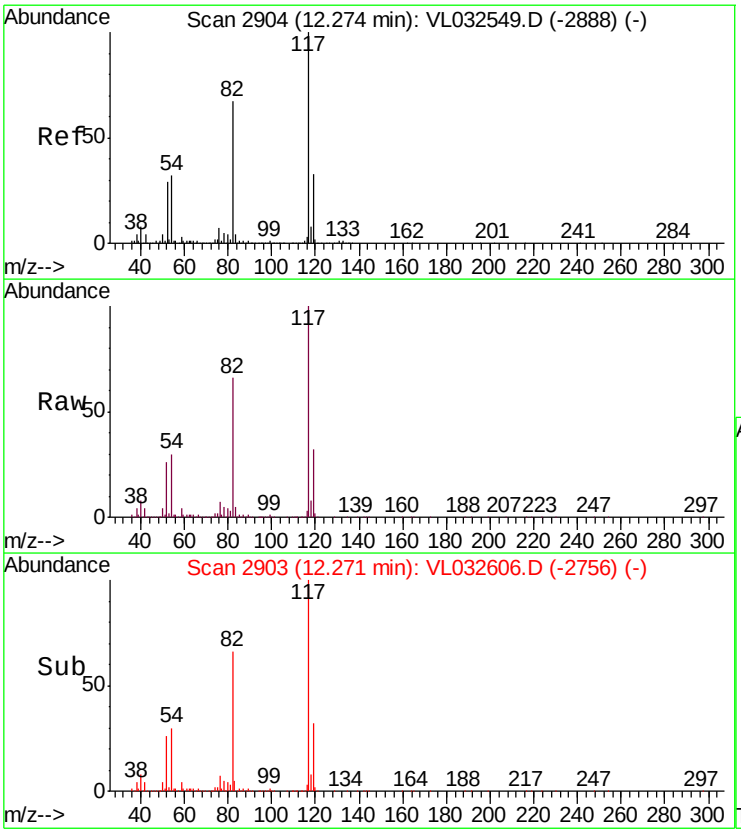
#53
Toluene
Concen: 13.317 ppbv
RT: 9.98 min Scan# 2189
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Tgt Ion: 91 Resp: 4645973

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.1	72.1

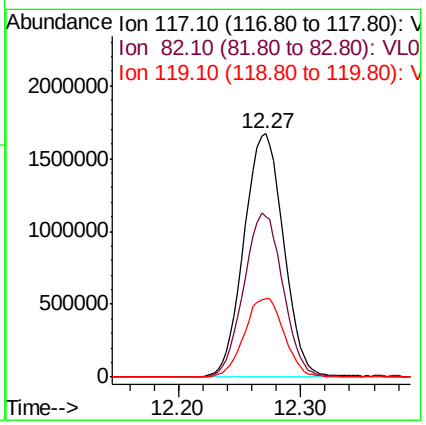


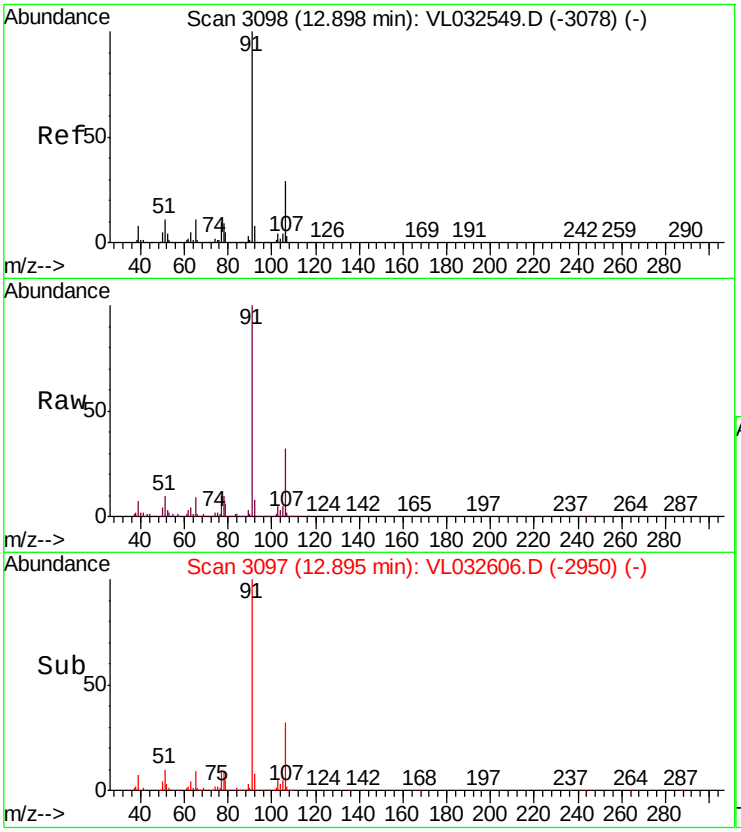


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion:117 Resp: 3748024

Ion	Ratio	Lower	Upper
117	100		
82	66.6	53.0	79.6
119	32.6	45.9	68.9#



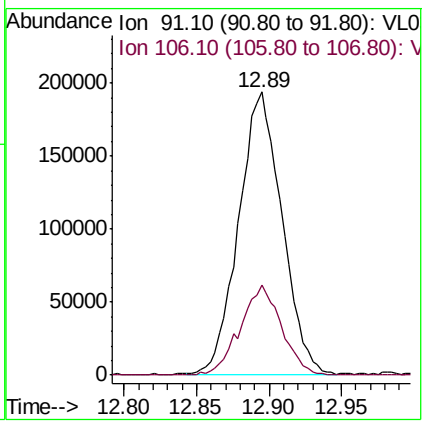


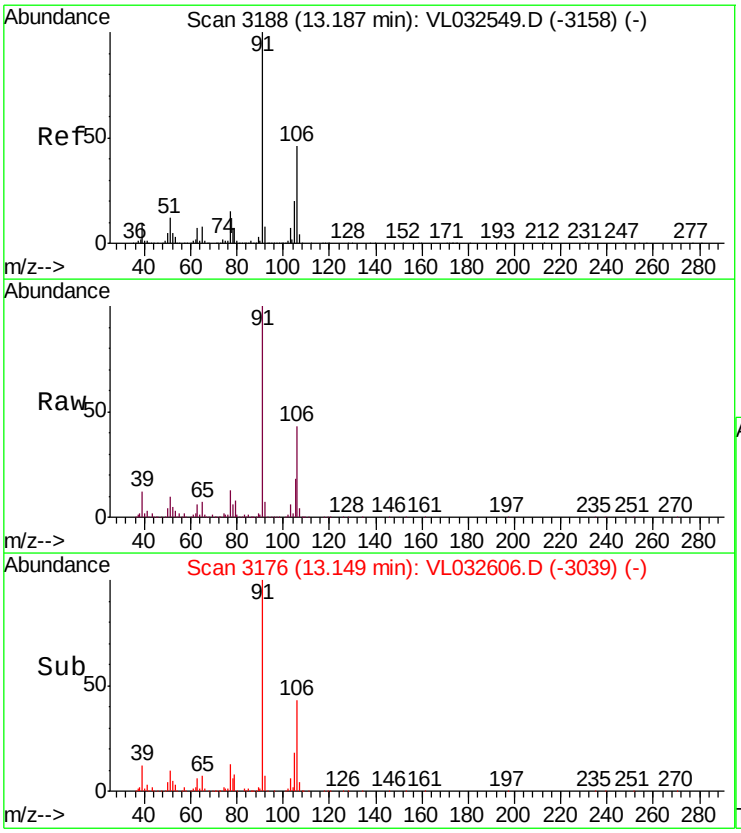
#58
Ethyl Benzene
Concen: 0.879 ppbv
RT: 12.89 min Scan# 3097
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument : MSVOA_L
ClientSampleId : SV-1DL

Tgt Ion: 91 Resp: 399449

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.8	37.2

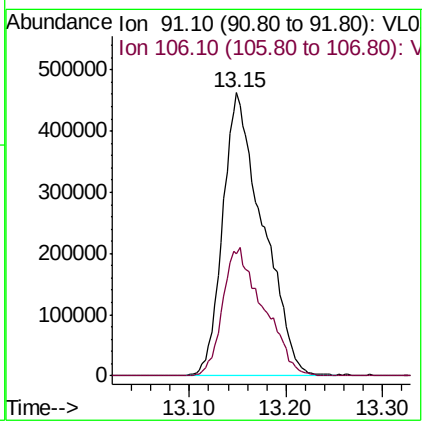


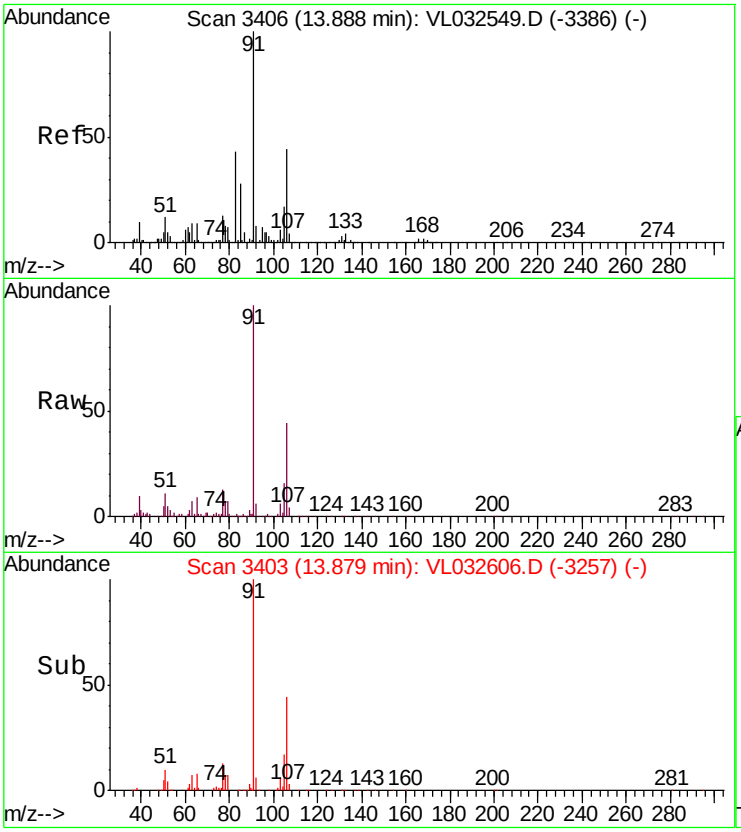


#59
m/p-Xylene
Concen: 3.261 ppbv
RT: 13.15 min Scan# 3176
Delta R.T. -0.06 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 91 Resp: 1319059

Ion	Ratio	Lower	Upper
91	100		
106	46.5	36.6	55.0



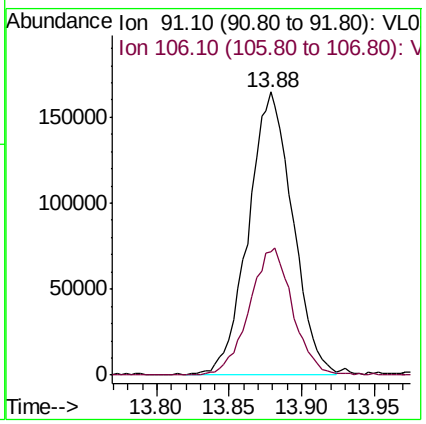


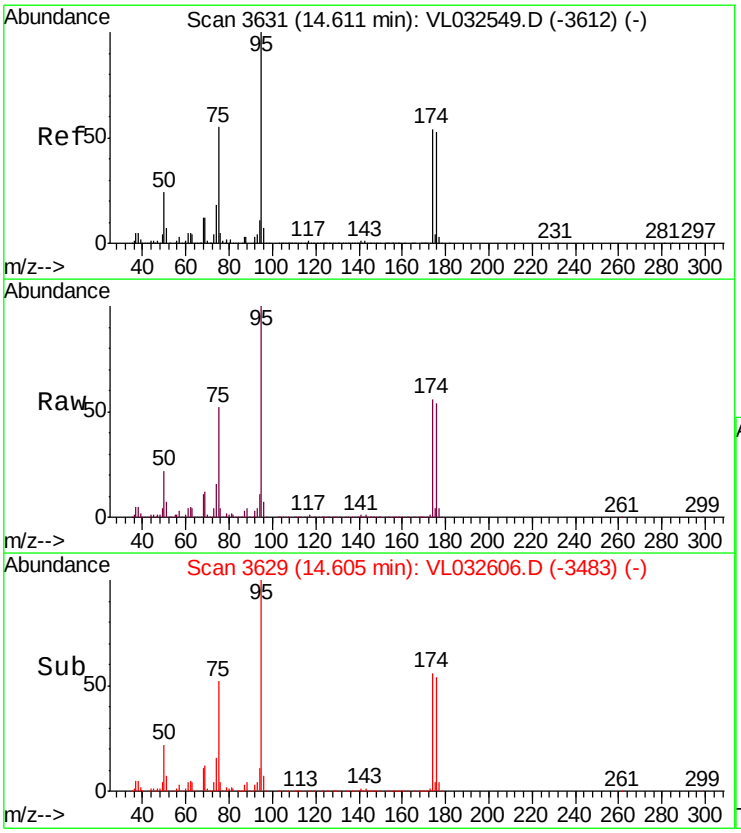
#60
o-Xylene
Concen: 0.881 ppbv
RT: 13.88 min Scan# 3403
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion: 91 Resp: 347078

Ion	Ratio	Lower	Upper
91	100		
106	44.5	21.9	65.7

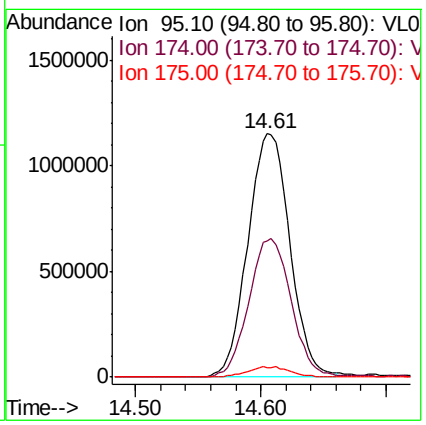


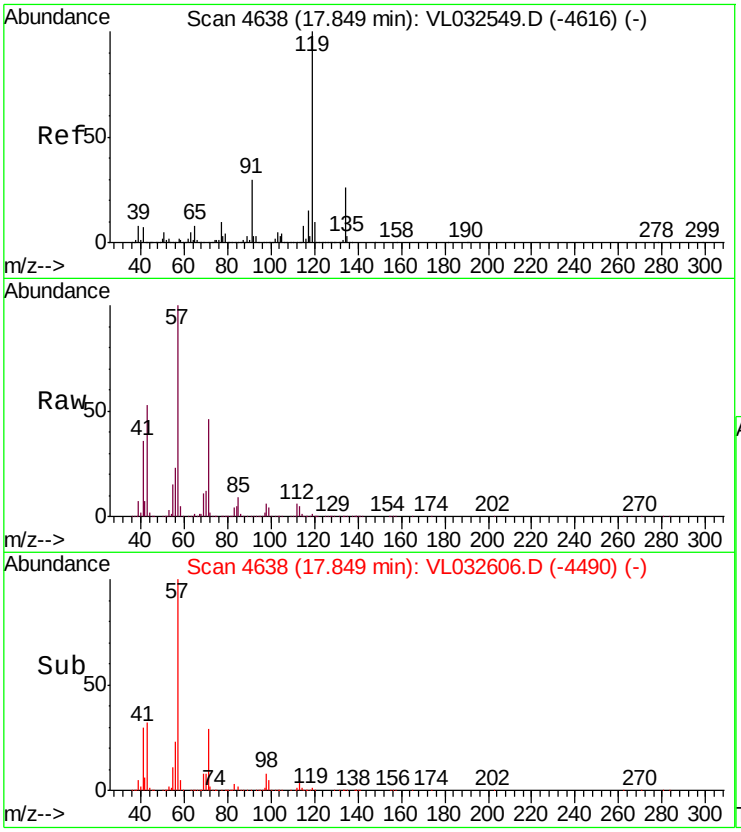


#68
1-Bromo-4-Fluorobenzene
Concen: 9.490 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion: 95 Resp: 2682194

Ion	Ratio	Lower	Upper
95	100		
174	58.4	46.3	69.5
175	4.4	3.4	5.0



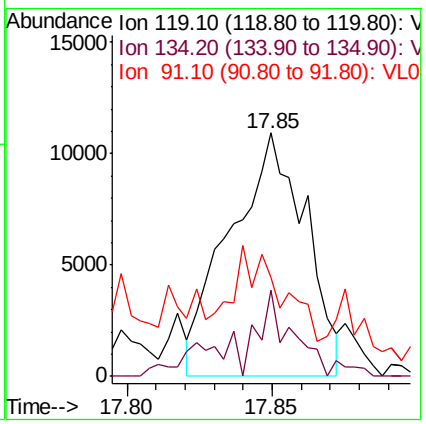


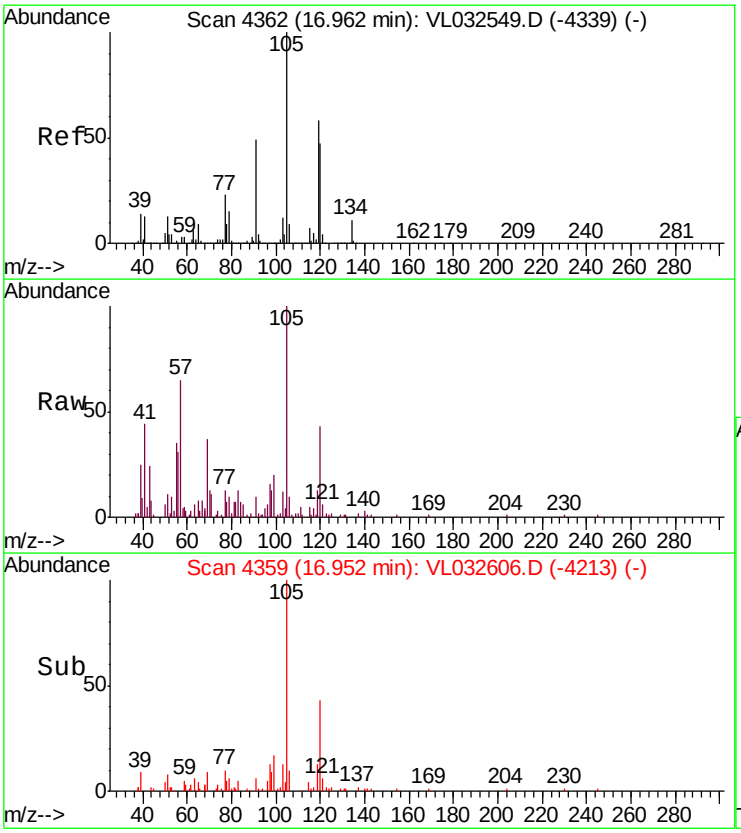
#69
p-Isopropyltoluene
Concen: 0.036 ppbv
RT: 17.85 min Scan# 4638
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion:119 Resp: 19800

Ion	Ratio	Lower	Upper
119	100		
134	27.7	20.4	30.6
91	45.1	23.4	35.2#

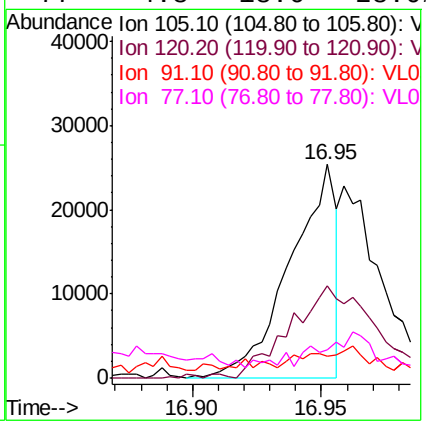


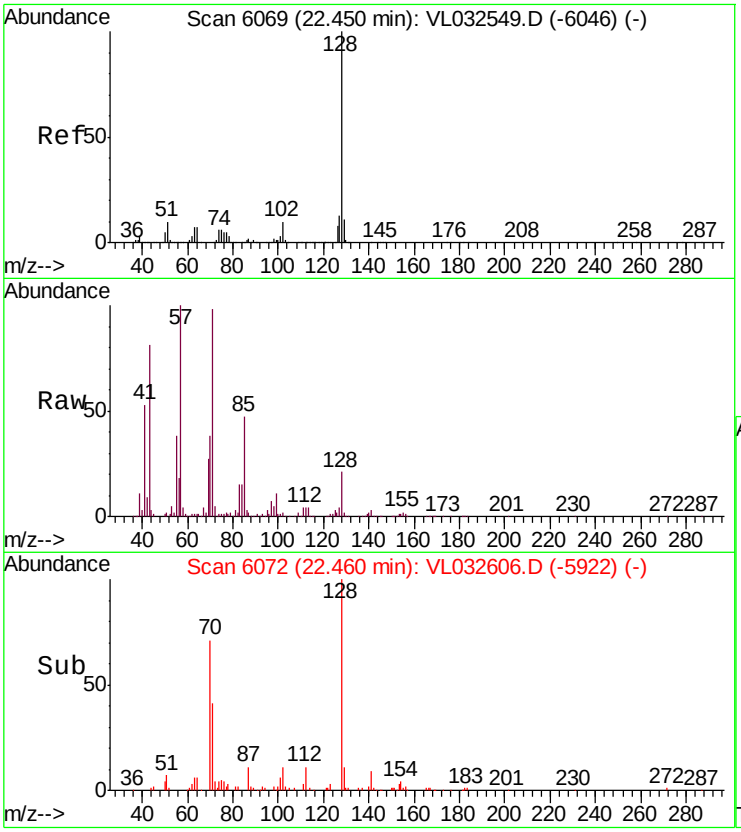


#74
1,2,4-Trimethylbenzene
Concen: 0.070 ppbv
RT: 16.95 min Scan# 4359
Delta R.T. -0.03 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Tgt Ion:105 Resp: 31462

Ion	Ratio	Lower	Upper
105	100		
120	41.8	37.8	56.8
91	6.2	41.4	62.0#
77	4.8	18.6	28.0#





#79
Naphthalene
Concen: 0.493 ppbv
RT: 22.46 min Scan# 6072
Delta R.T. -0.02 min
Lab File: VL032606.D
Acq: 11 Oct 2018 16:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tgt Ion:128 Resp: 159120

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.2	15.2
129	11.4	8.5	12.7