Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032722.D
Acq On : 7 Nov 2018 18:19
Operator : SY/AP
Sample : J5823-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Quant Time: Nov 08 10:53:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1492992	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3693930	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3623999	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2778884	10.30	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	5040	0.033	ppbv		98
9) Propene	3.05	41	22675	0.472	ppbv		91
13) Ethanol	3.67	45	10537	0.767	ppbv		84
15) Acetone	3.93	43	115848	0.840	ppbv	#	88
20) Methylene Chloride	4.42	84	32351	0.462	ppbv		86
25) Ethyl Acetate	5.79	43	16289	0.051	ppbv	#	80
26) Hexane	5.79	57	38369	0.256	ppbv	#	45
36) Benzene	7.01	78	45291	0.151	ppbv		97
39) 1,2-Dichloropropane	7.30	63	929684	8.026	ppbv	#	26
44) 2,2,4-Trimethylpentane	8.00	57	21661	0.042	ppbv	#	18
53) Toluene	9.96	91	358816	1.044	ppbv		96
58) Ethyl Benzene	12.88	91	24177	0.057	ppbv		89
60) o-Xylene	13.86	91	13368	0.037	ppbv	#	21
74) 1,2,4-Trimethylbenzene	16.94	105	12308	0.031	ppbv	#	77

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

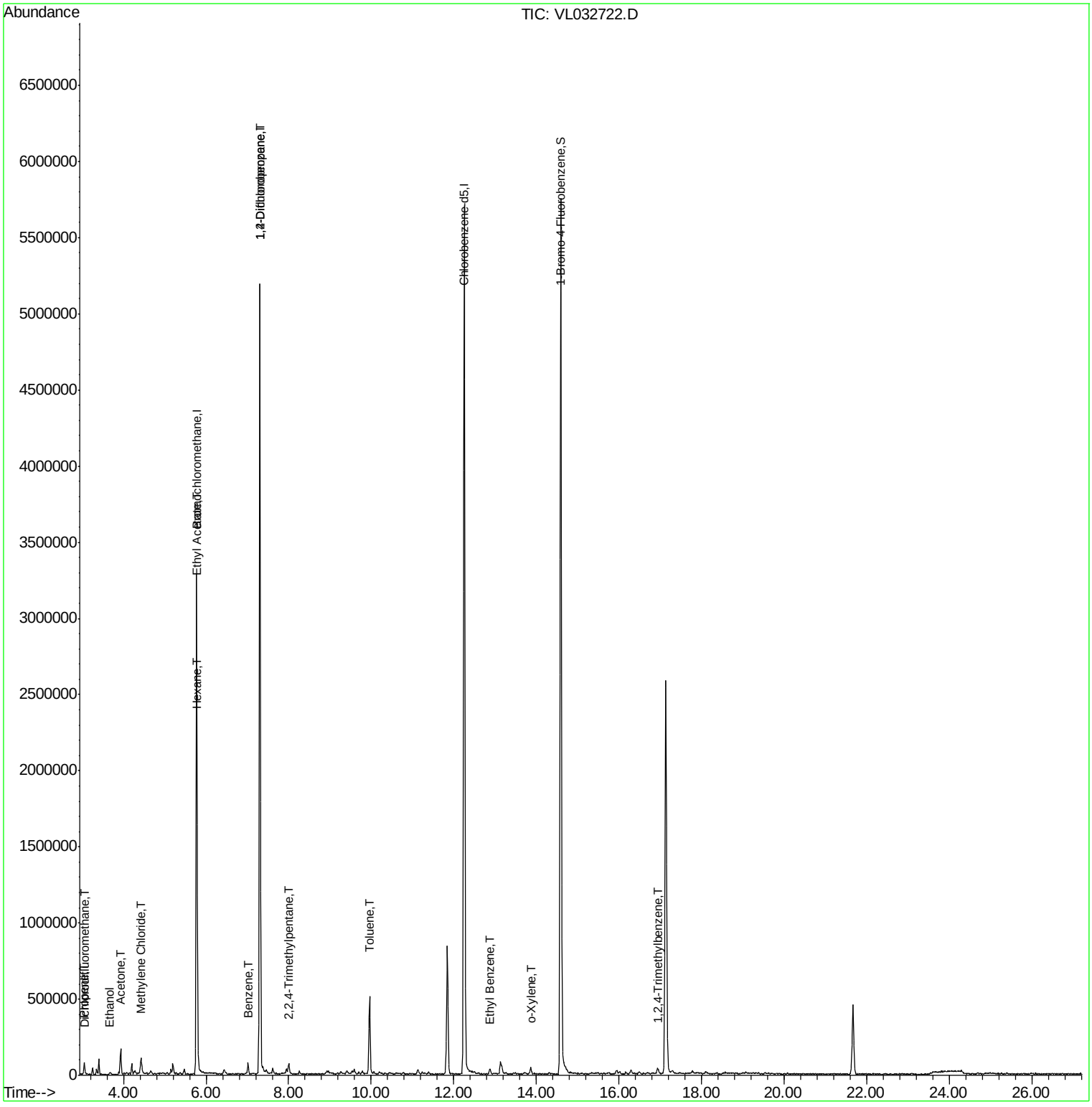
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

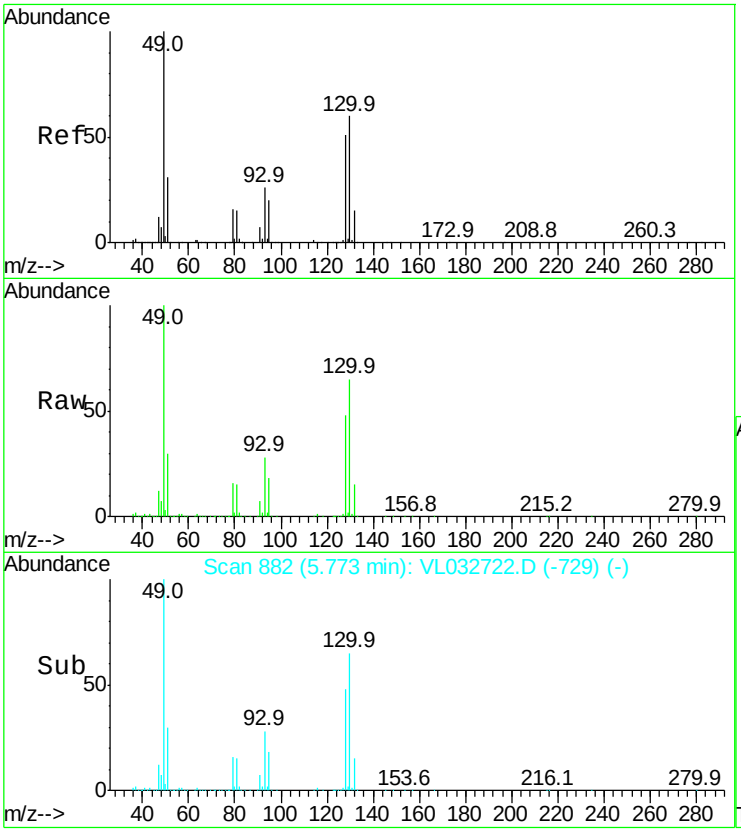
Quantitation Report (Not Reviewed)

Data File : VL032722.D
Acq On : 7 Nov 2018 18:19
Operator : SY/AP
Sample : J5823-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Quant Time: Nov 08 10:53:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration



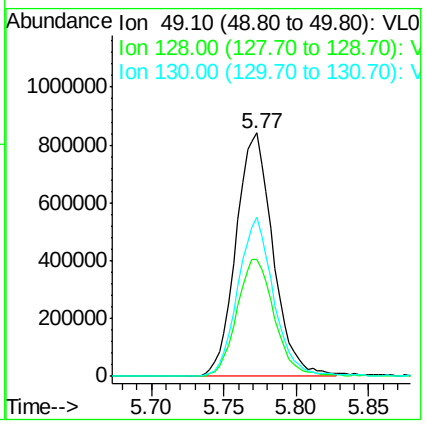


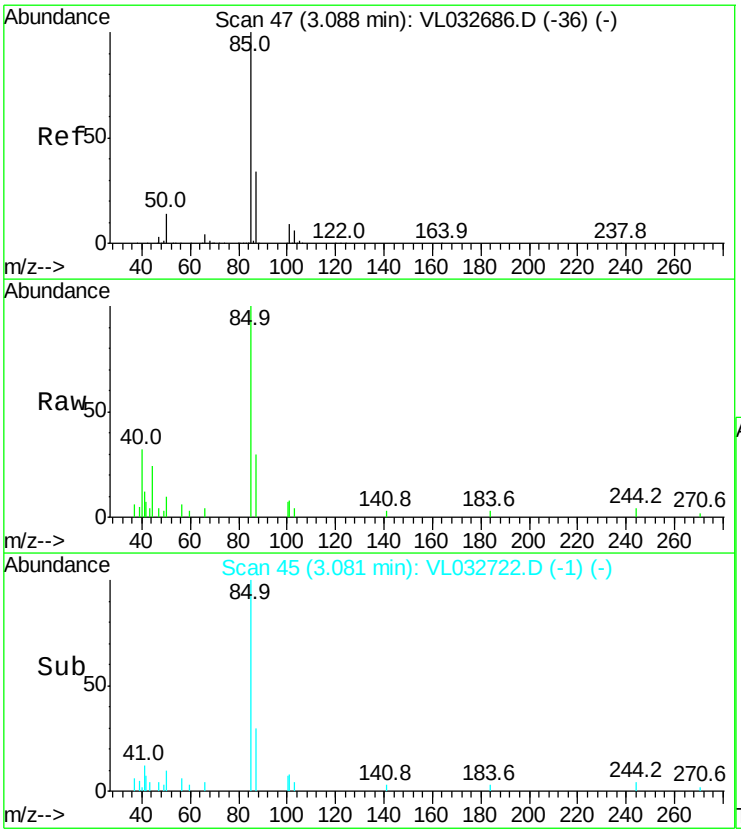
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
SV-01DL

Tgt Ion: 49 Resp: 1492992

Ion	Ratio	Lower	Upper
49	100		
128	49.3	22.3	66.8
130	63.2	28.4	85.3

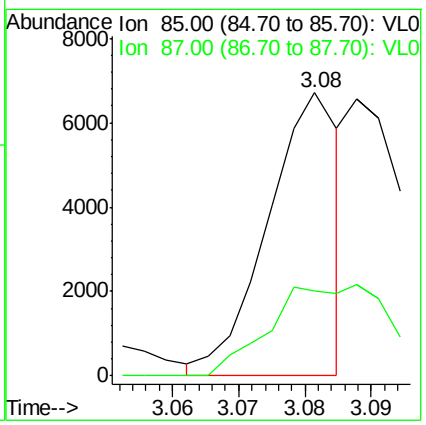


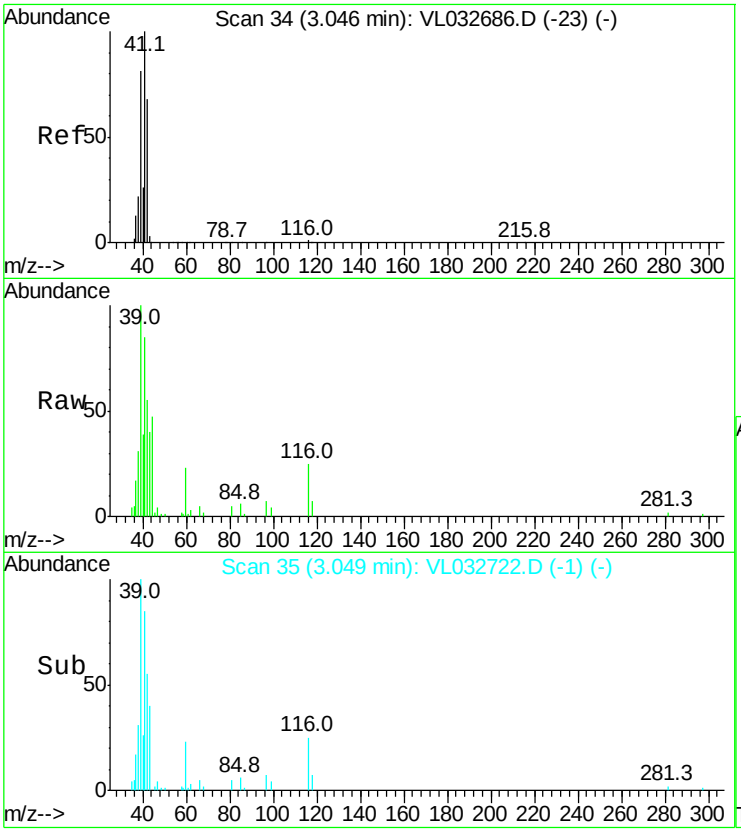


#2
Dichlorodifluoromethane
Concen: 0.033 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 85 Resp: 5040

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.2	39.2



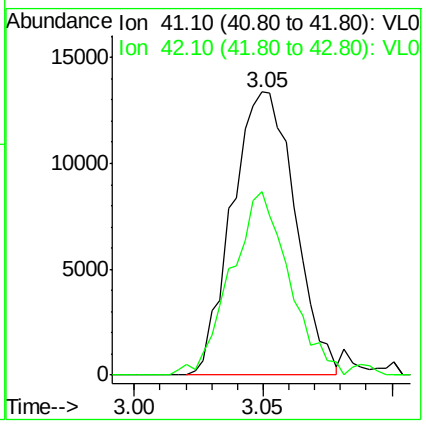


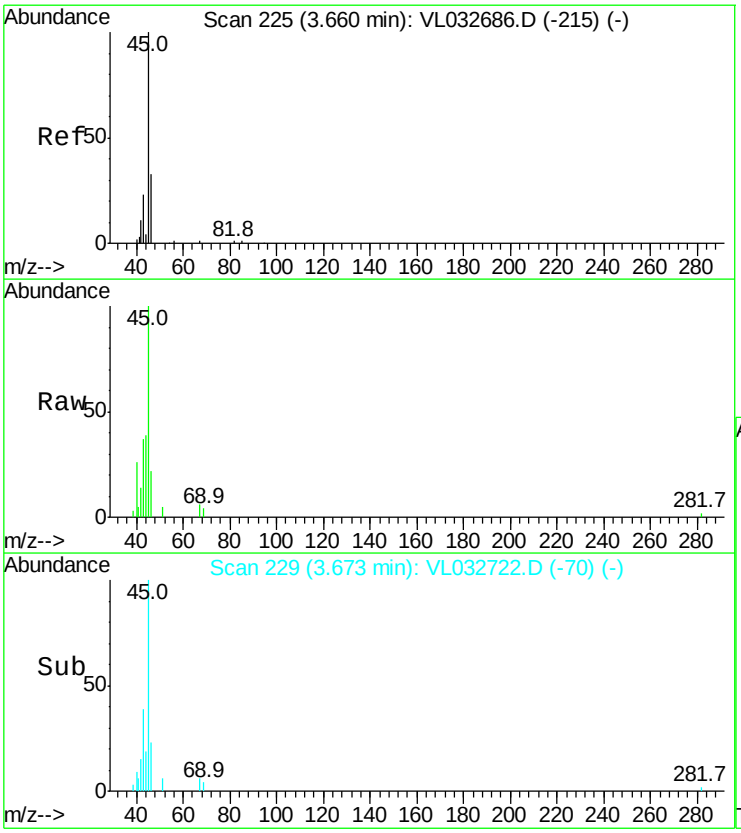
#9
Propene
Concen: 0.472 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
SV-01DL

Tgt Ion: 41 Resp: 22675

Ion	Ratio	Lower	Upper
41	100		
42	61.5	55.4	83.0

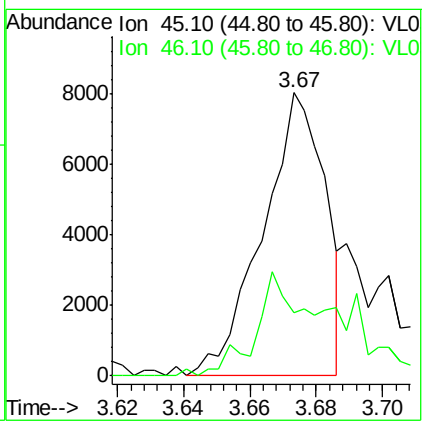


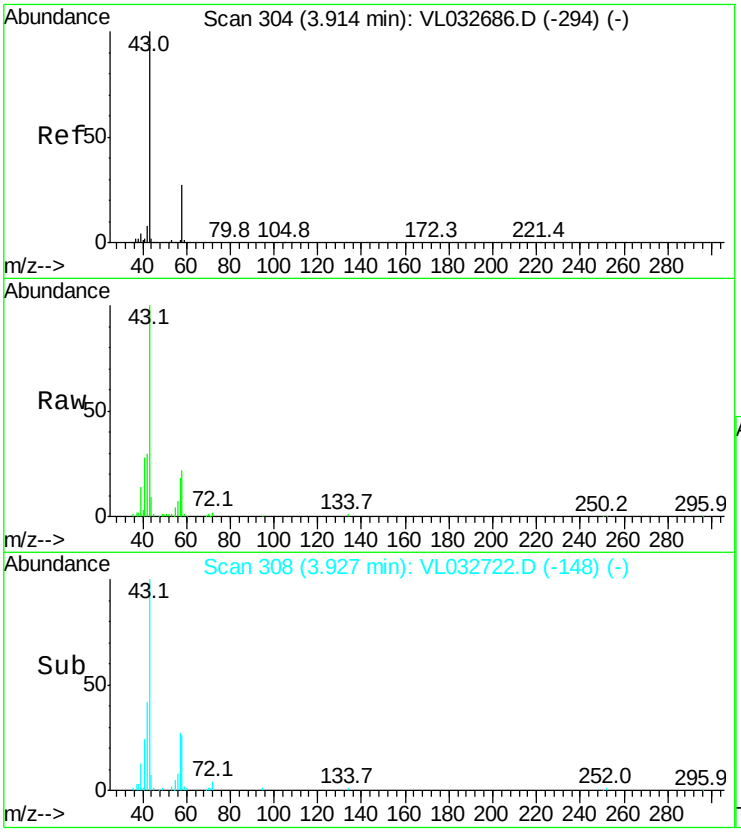


#13
Ethanol
Concen: 0.767 ppbv
RT: 3.67 min Scan# 229
Delta R.T. 0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 45 Resp: 10537

Ion	Ratio	Lower	Upper
45	100		
46	48.5	15.4	61.8



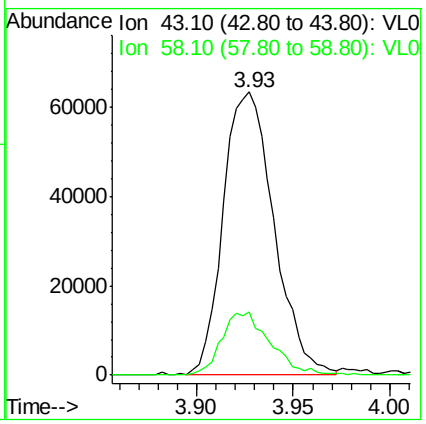


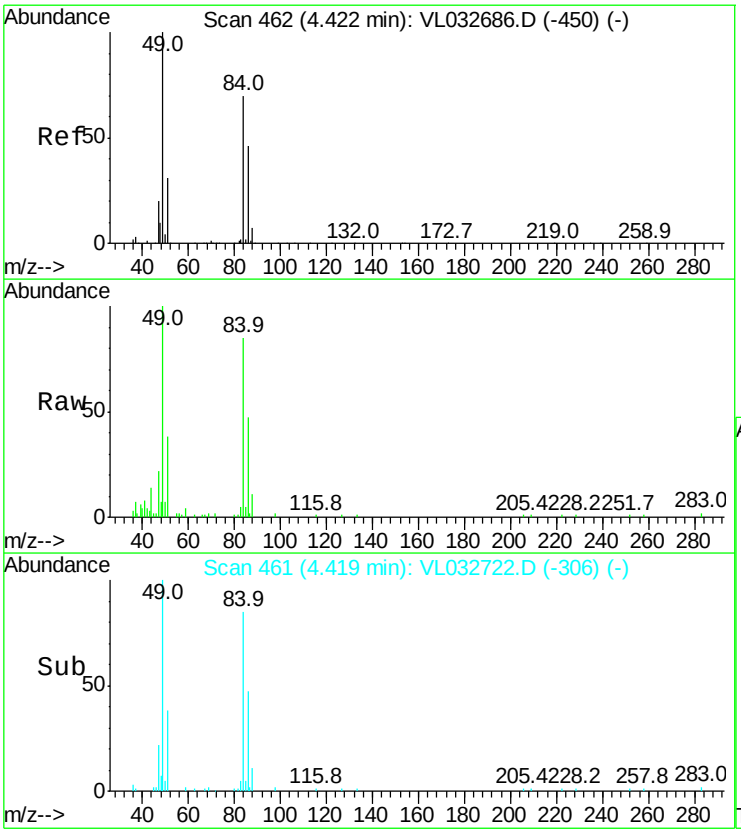
#15
Acetone
Concen: 0.840 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.02 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Tgt Ion: 43 Resp: 115848

Ion	Ratio	Lower	Upper
43	100		
58	21.5	22.1	33.1#

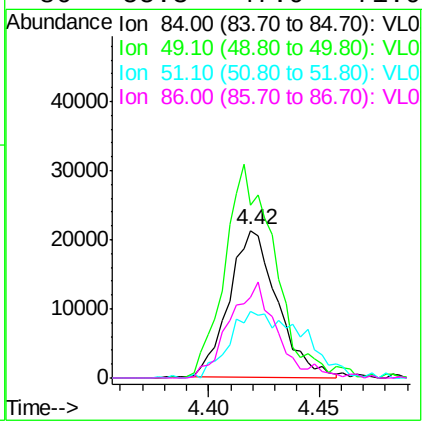


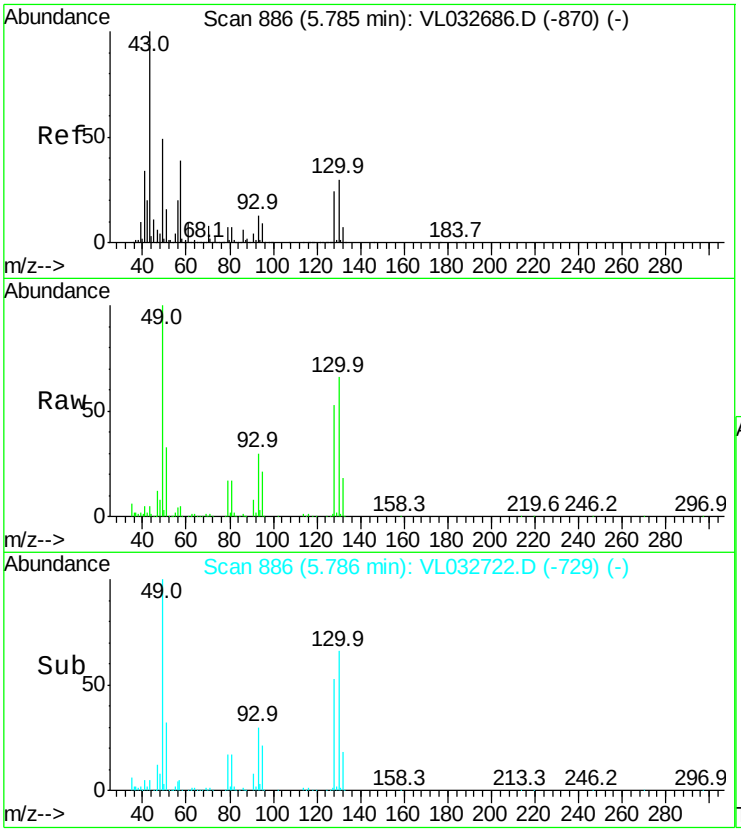


#20
Methylene Chloride
Concen: 0.462 ppbv
RT: 4.42 min Scan# 461
Delta R.T. -0.00 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 84 Resp: 32351

Ion	Ratio	Lower	Upper
84	100		
49	117.4	113.5	170.3
51	45.3	34.8	52.2
86	55.3	47.9	71.9



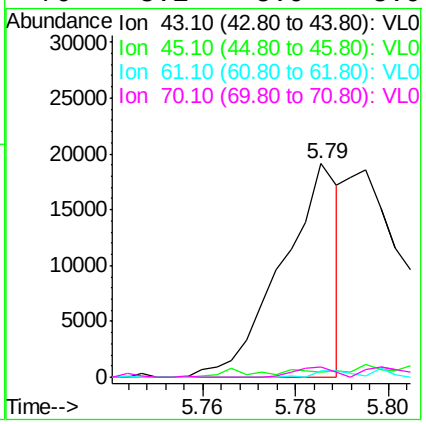


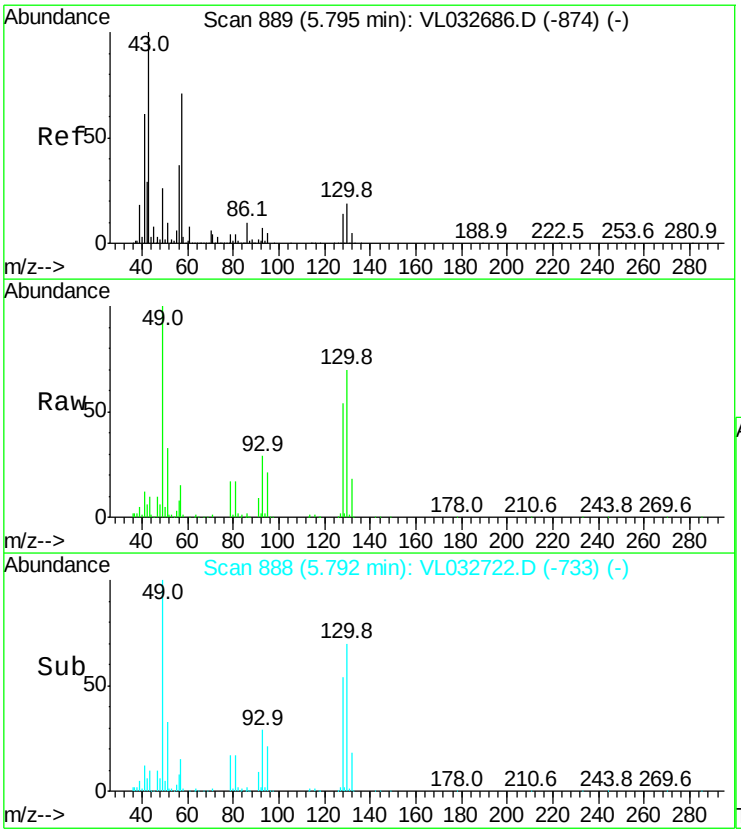
#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Tgt Ion: 43 Resp: 16289

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	0.0	8.0	12.0#
70	8.1	5.9	8.9

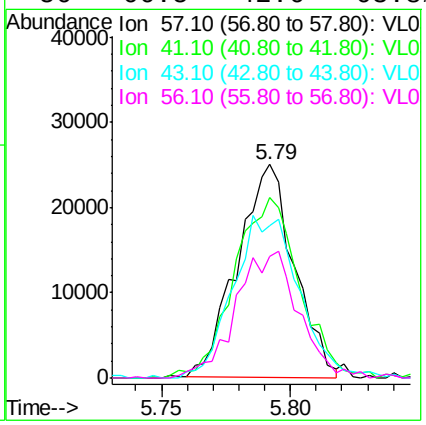


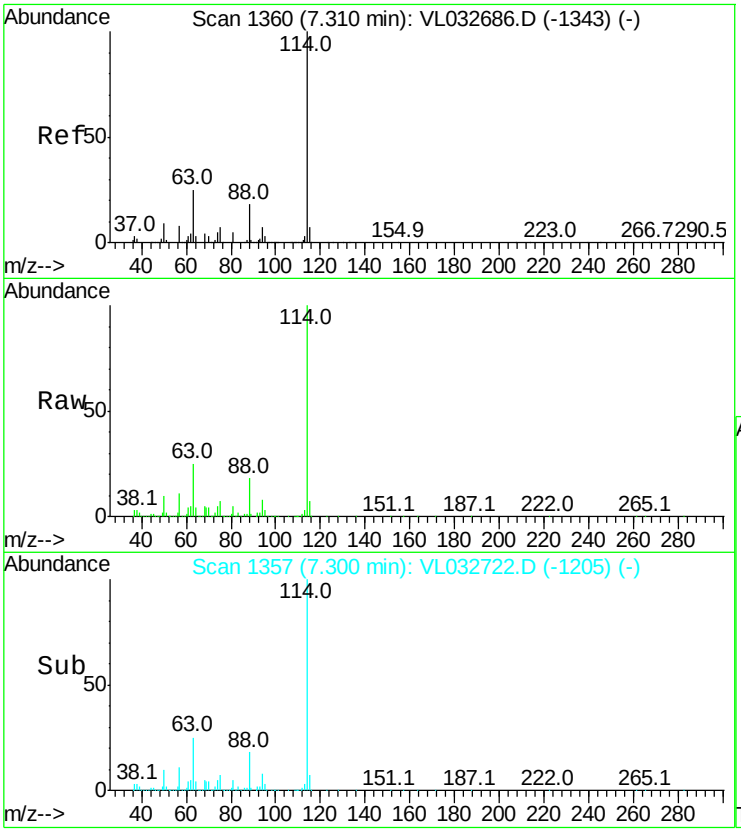


#26
Hexane
Concen: 0.256 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 57 Resp: 38369

Ion	Ratio	Lower	Upper
57	100		
41	98.5	67.4	101.0
43	88.9	171.9	257.9#
56	66.5	42.6	63.8#



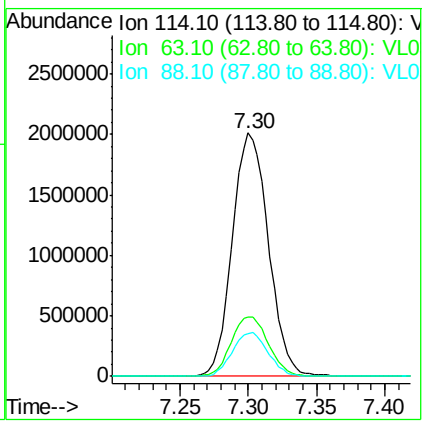


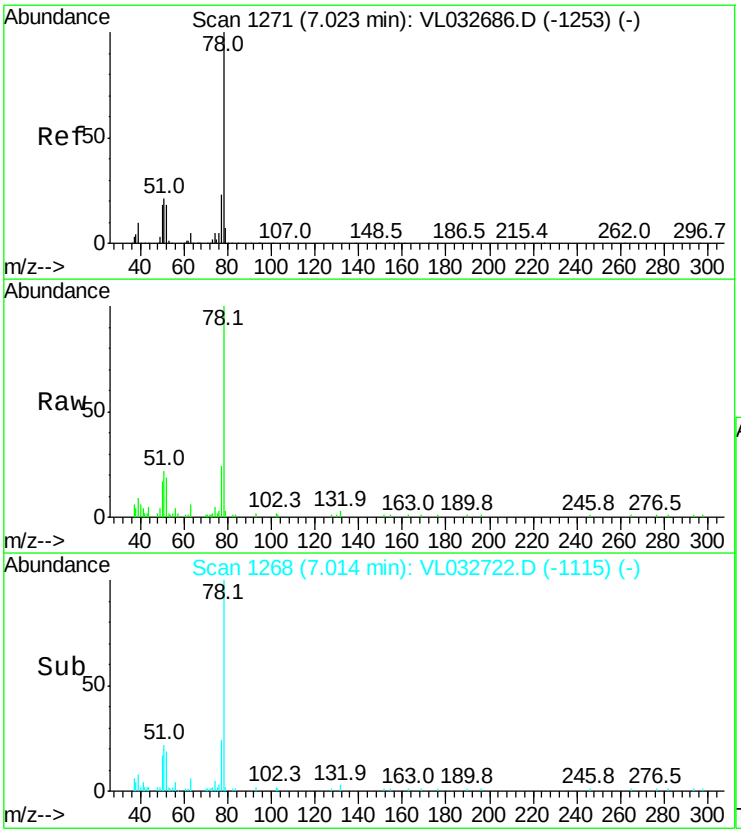
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Tgt Ion:114 Resp: 3693930

Ion	Ratio	Lower	Upper
114	100		
63	25.4	21.7	32.5
88	17.8	14.9	22.3

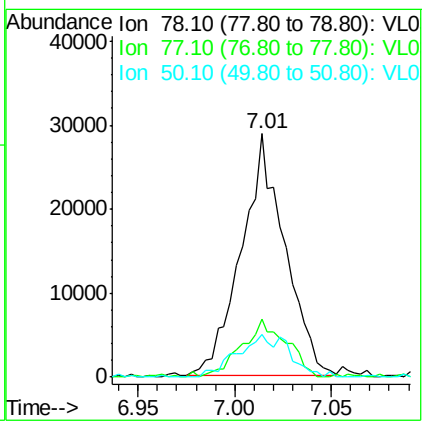


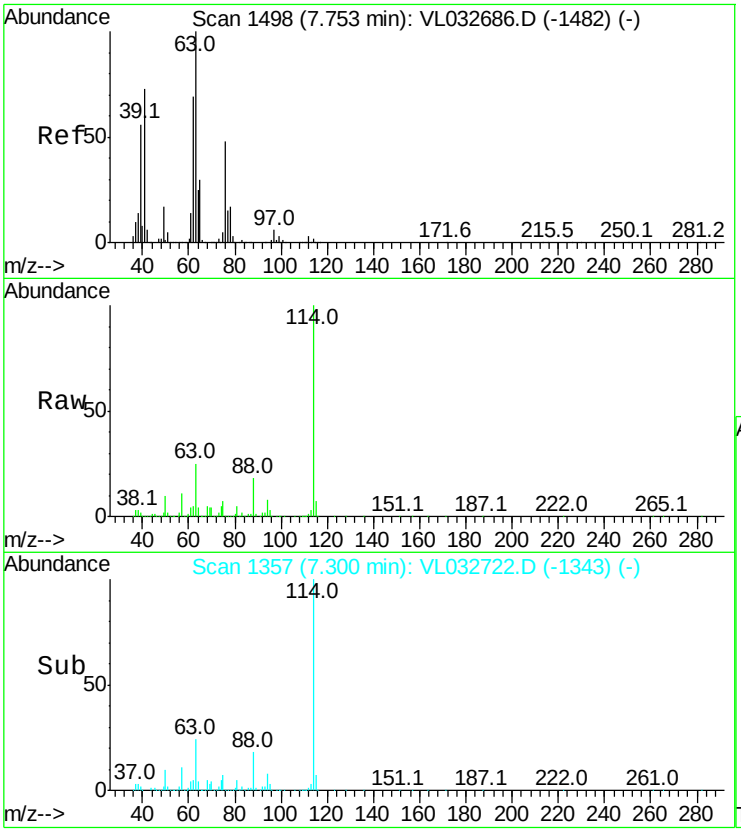


#36
Benzene
Concen: 0.151 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 78 Resp: 45291

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.1	27.1
50	17.4	15.1	22.7



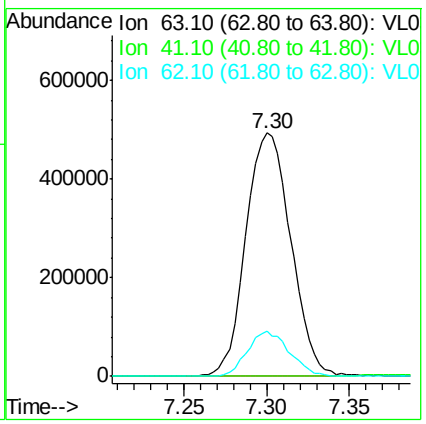


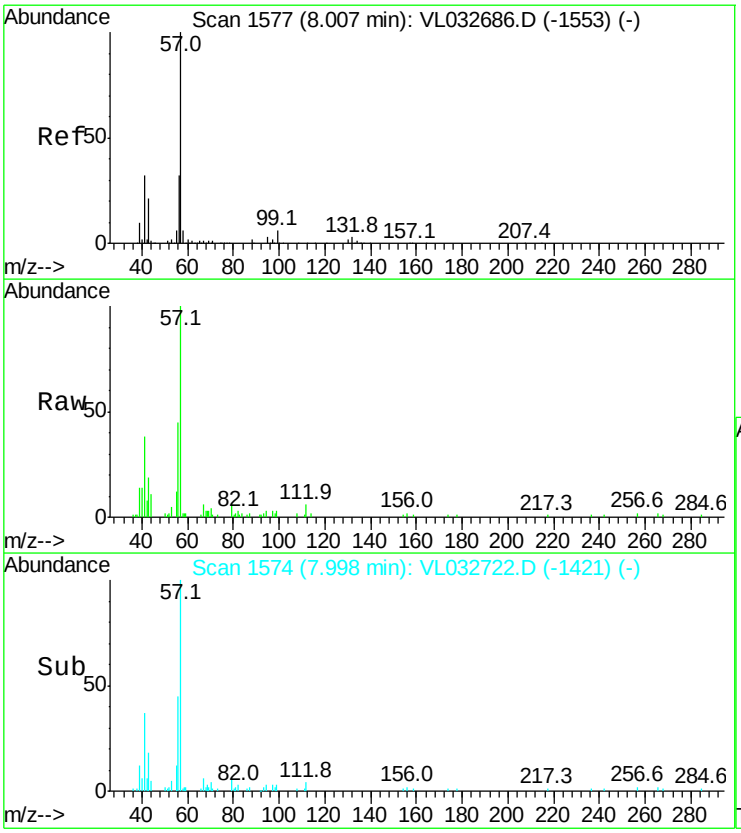
#39
1,2-Dichloropropane
Concen: 8.026 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.45 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Tgt Ion: 63 Resp: 929684

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	18.4	54.4	81.6#

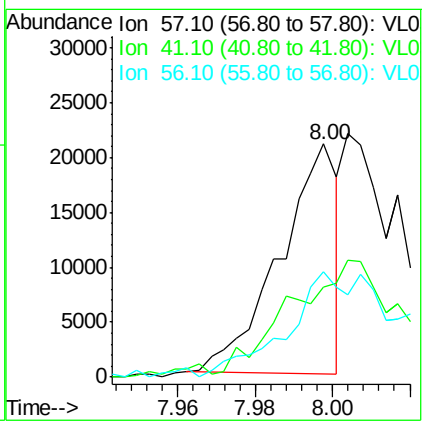


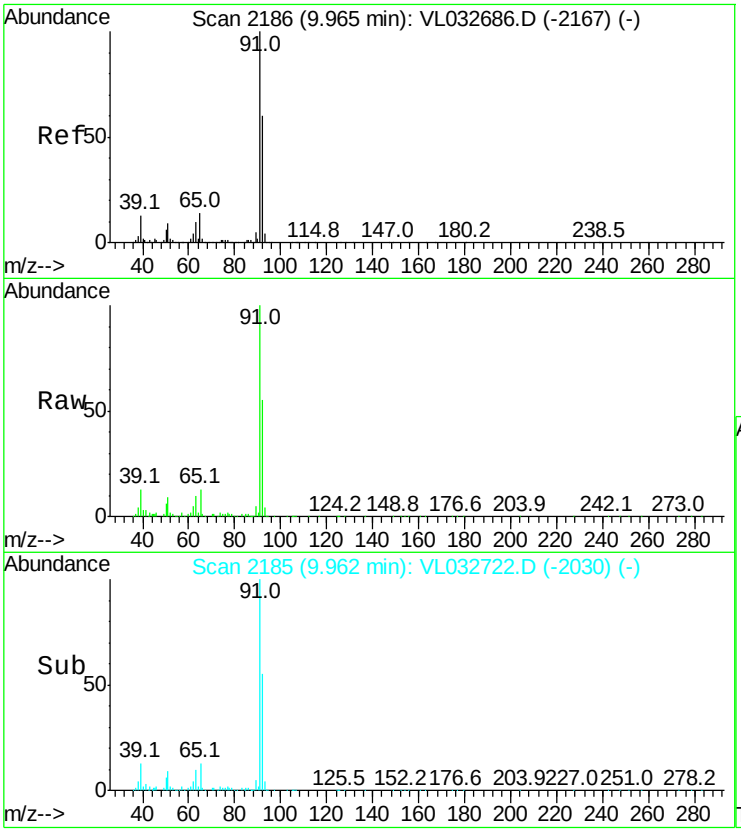


#44
2,2,4-Trimethylpentane
Concen: 0.042 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 57 Resp: 21661

Ion	Ratio	Lower	Upper
57	100		
41	0.0	24.7	37.1#
56	90.4	25.0	37.4#



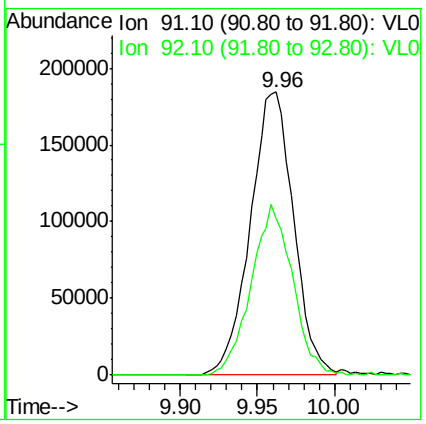


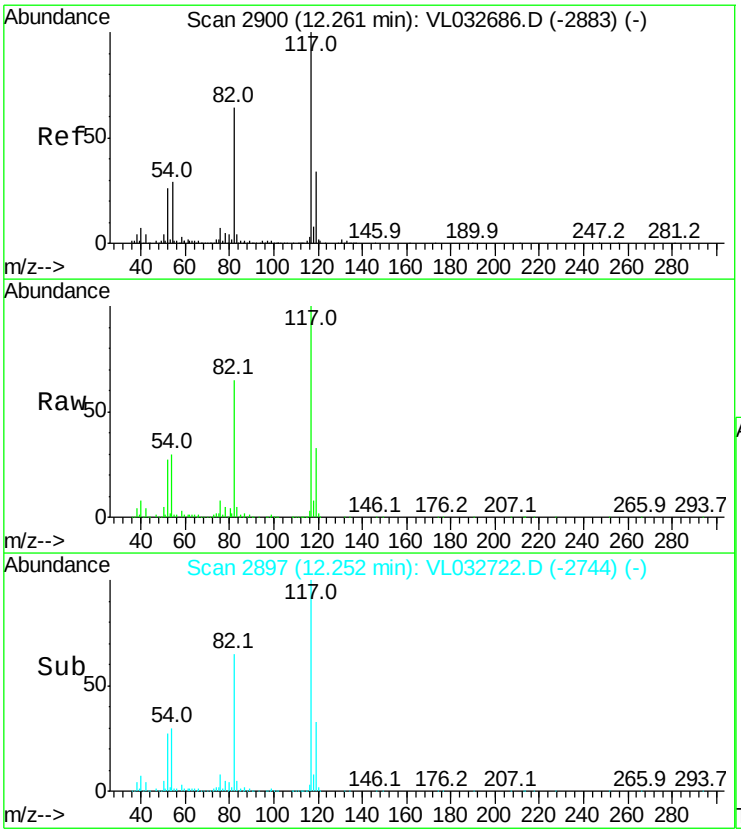
#53
Toluene
Concen: 1.044 ppbv
RT: 9.96 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument : MSVOA_L
ClientSampleId : SV-01DL

Tgt Ion: 91 Resp: 358816

Ion	Ratio	Lower	Upper
91	100		
92	57.5	48.4	72.6

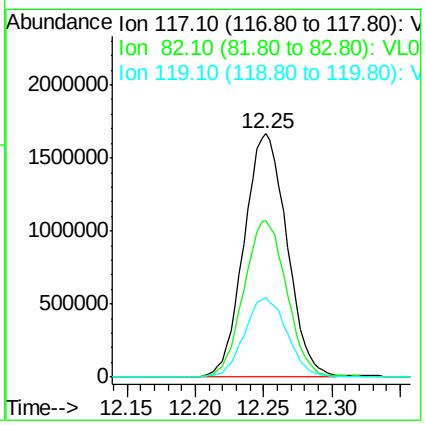


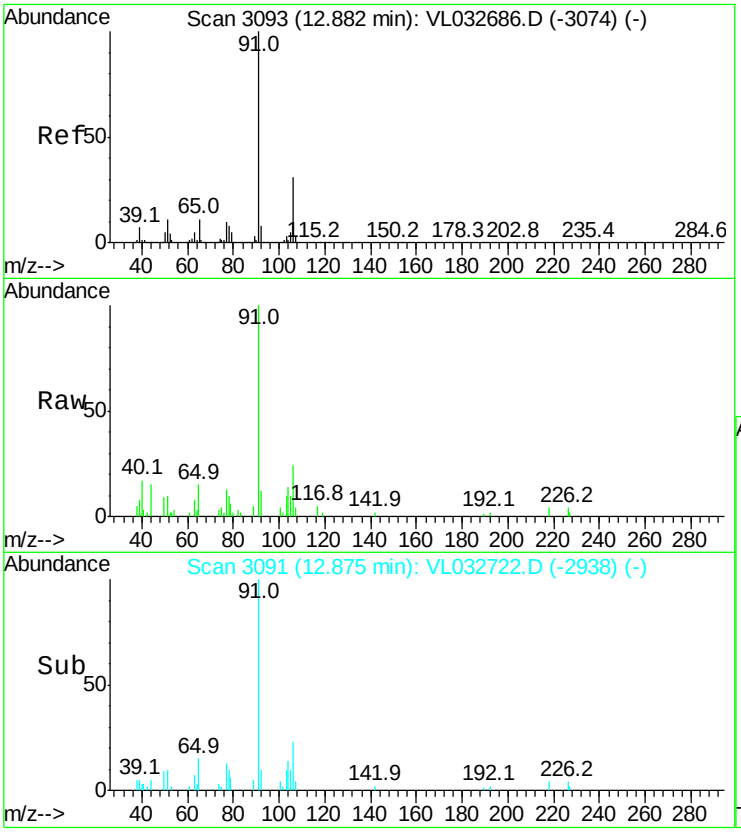


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion:117 Resp: 3623999

Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.7	79.1
119	32.6	26.7	40.1



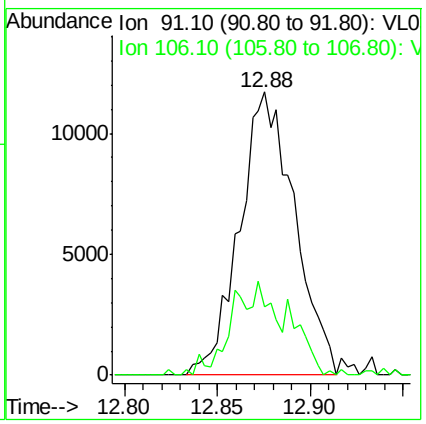


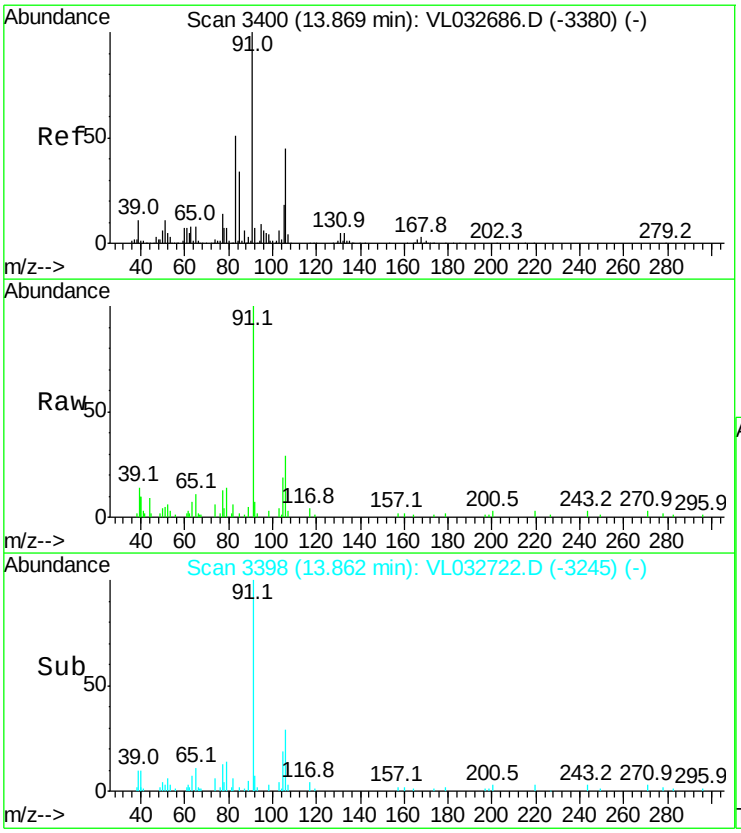
#58
Ethyl Benzene
Concen: 0.057 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
SV-01DL

Tgt Ion: 91 Resp: 24177

Ion	Ratio	Lower	Upper
91	100		
106	24.3	24.2	36.2

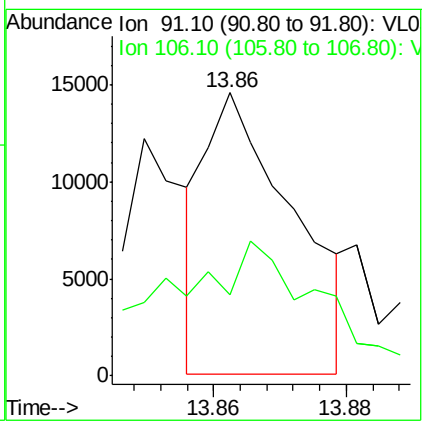


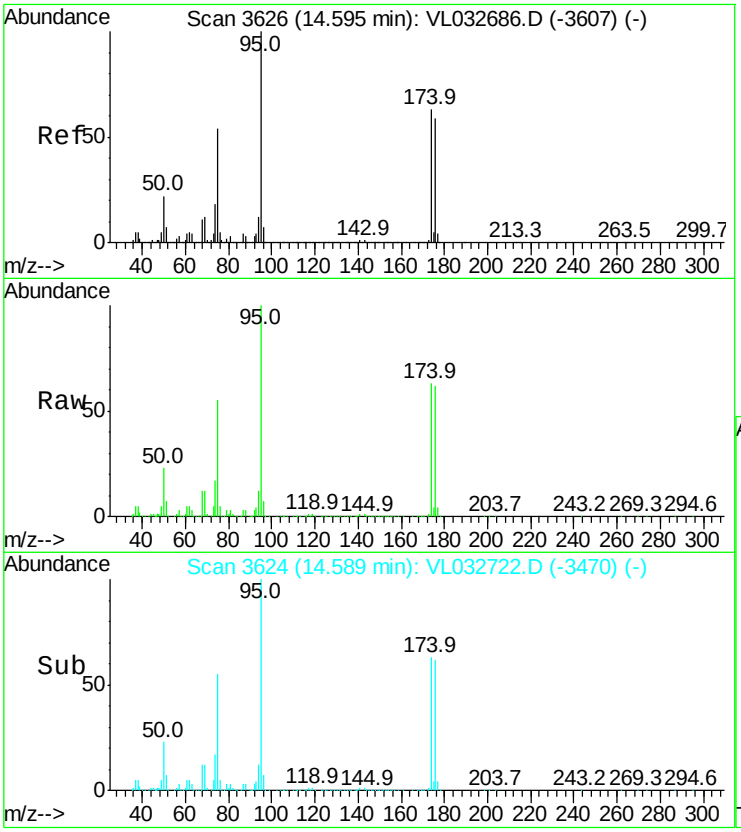


#60
o-Xylene
Concen: 0.037 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion: 91 Resp: 13368

Ion	Ratio	Lower	Upper
91	100		
106	95.5	22.1	66.1#



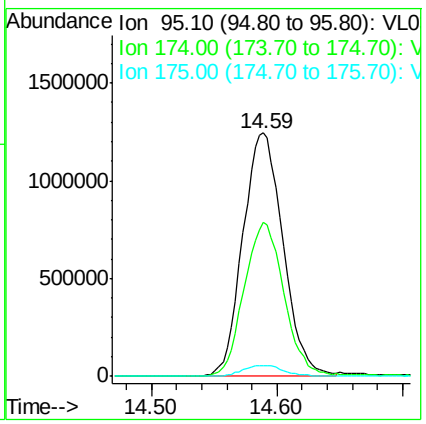


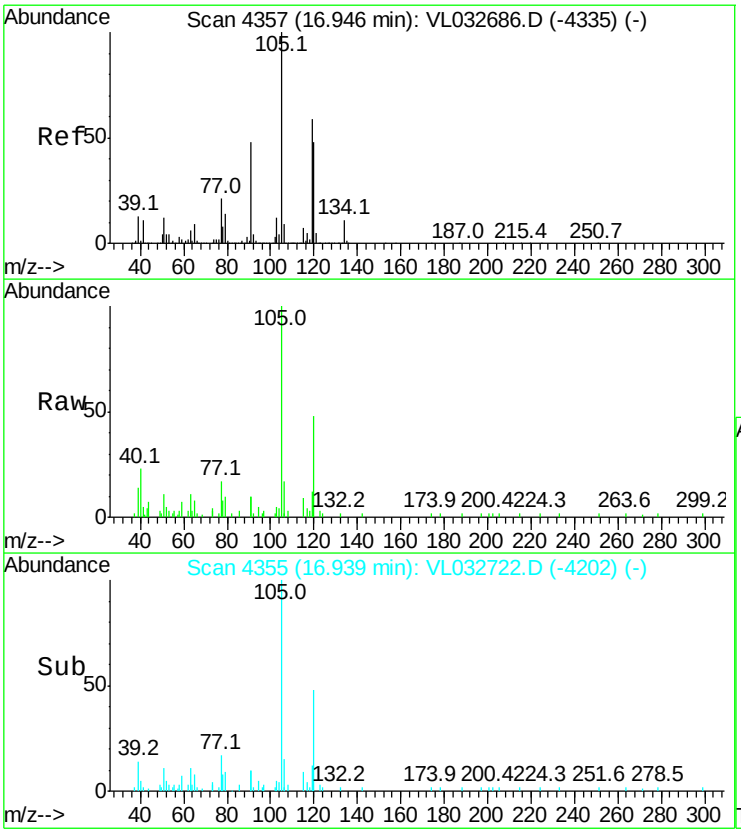
#68
1-Bromo-4-Fluorobenzene
Concen: 10.298 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Instrument :
MSVOA_L
ClientSampleId :
SV-01DL

Tgt Ion: 95 Resp: 2778884

Ion	Ratio	Lower	Upper
95	100		
174	63.7	46.0	69.0
175	4.7	3.4	5.0





#74
1,2,4-Trimethylbenzene
Concen: 0.031 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL032722.D
Acq: 7 Nov 2018 18:19

Tgt Ion:105 Resp: 12308

Ion	Ratio	Lower	Upper
105	100		
120	43.5	35.8	53.8
91	15.0	33.2	49.8#
77	7.4	16.2	24.4#