Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033007.D
Acq On : 17 Dec 2018 22:31
Operator : SY/AP
Sample : J6382-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:16:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1212319	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	2899135	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3159484	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2301250	9.86	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	10787	0.067	ppbv		99
3) Chlorodifluoromethane	2.99	51	139310	1.517	ppbv	#	57
4) Chloromethane	3.18	50	11019	0.206	ppbv		95
9) Propene	3.24	41	46287	1.275	ppbv		96
13) Ethanol	3.65	45	459530	36.763	ppbv		95
15) Acetone	3.92	43	59970	0.576	ppbv		94
16) 1,3-Butadiene	3.35	39	1410	0.034	ppbv	#	34
19) Isopropyl Alcohol	4.04	45	17822	0.273	ppbv	#	83
20) Methylene Chloride	4.42	84	28659	0.564	ppbv		97
25) Ethyl Acetate	5.78	43	17368	0.071	ppbv	#	93
26) Hexane	5.79	57	23813	0.210	ppbv	#	59
39) 1,2-Dichloropropane	7.30	63	692723	8.566	ppbv	#	21
53) Toluene	9.96	91	80952	0.358	ppbv		98

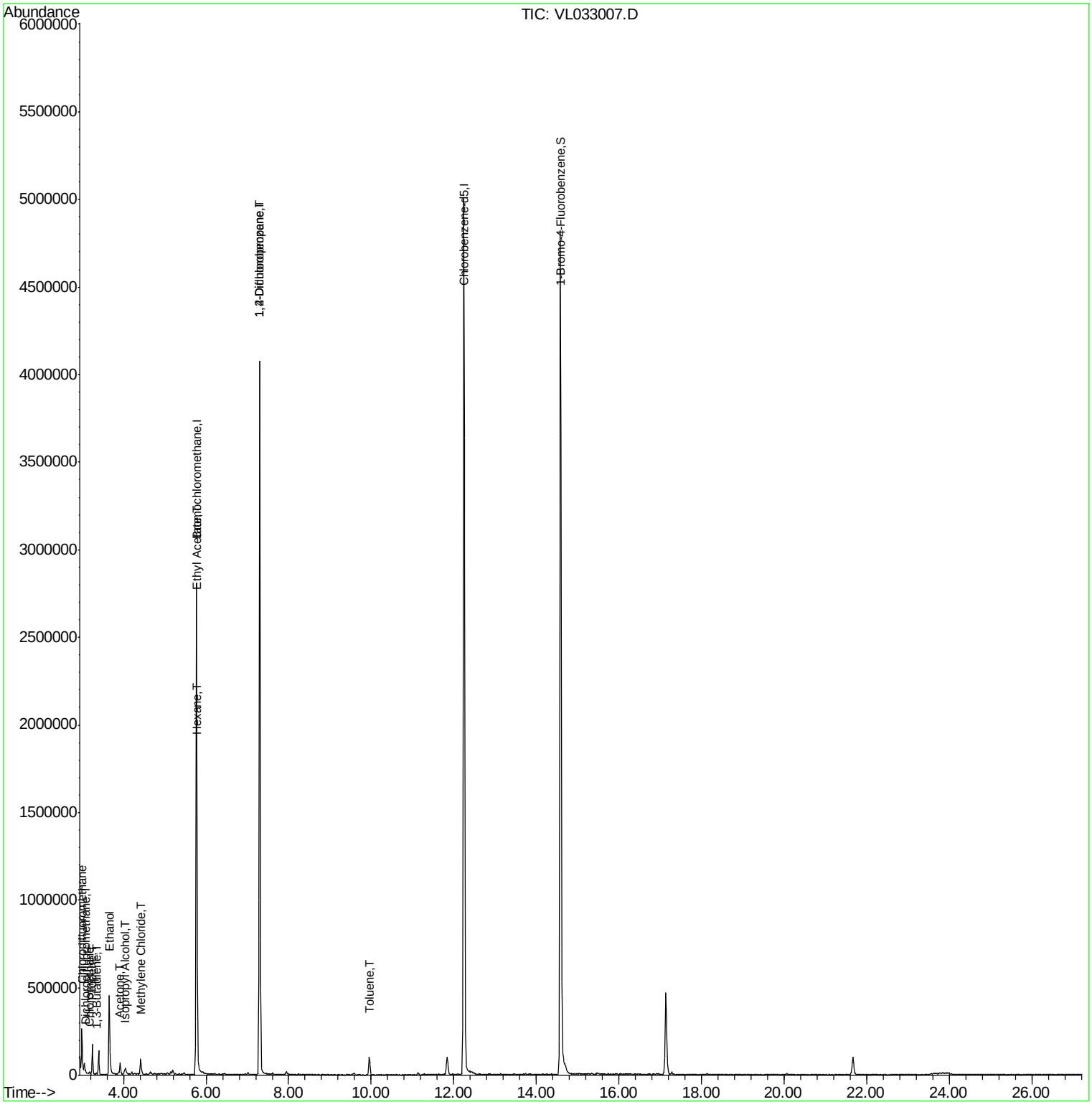
(#) = qualifier out of range (m) = manual integration (+) = signals summed

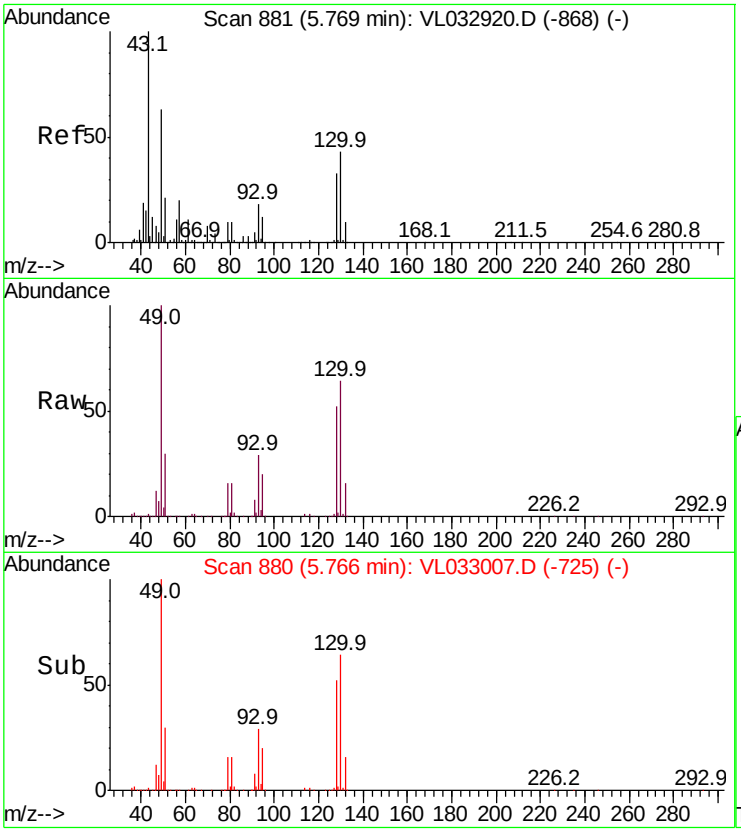
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033007.D
Acq On : 17 Dec 2018 22:31
Operator : SY/AP
Sample : J6382-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:16:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



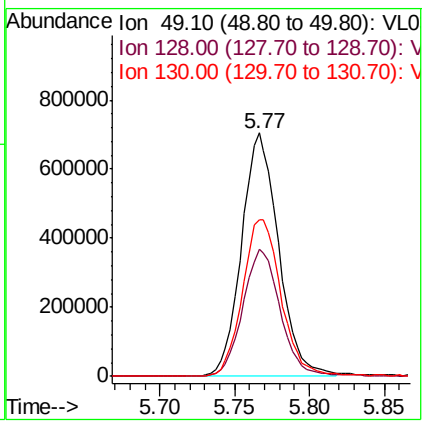


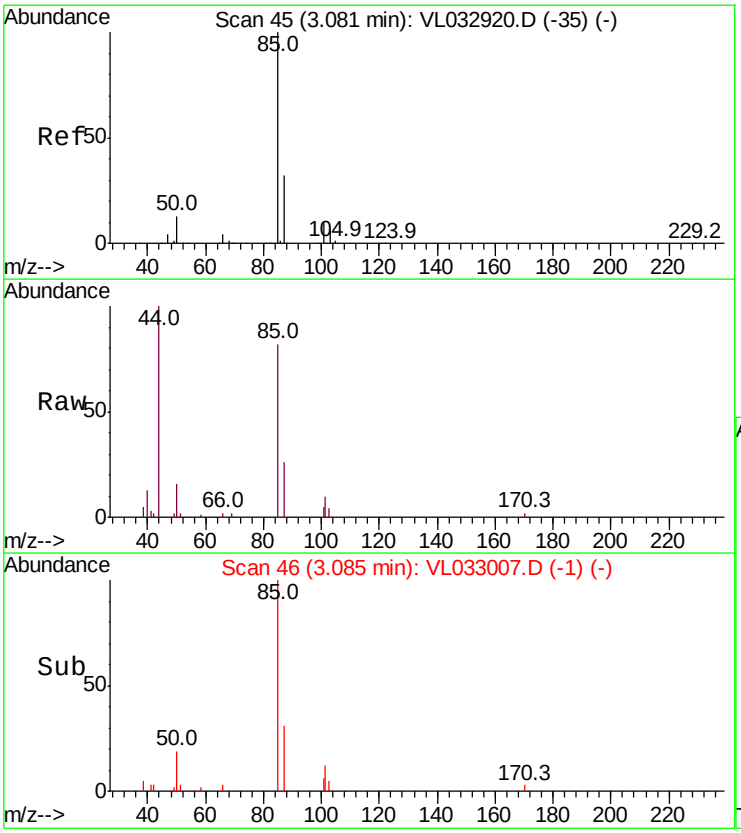
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1212319

Ion	Ratio	Lower	Upper
49	100		
128	53.5	26.3	78.8
130	68.0	33.9	101.7

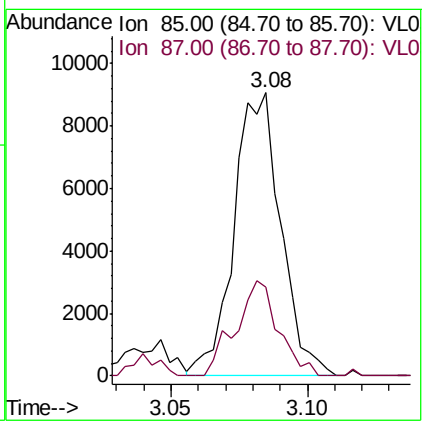


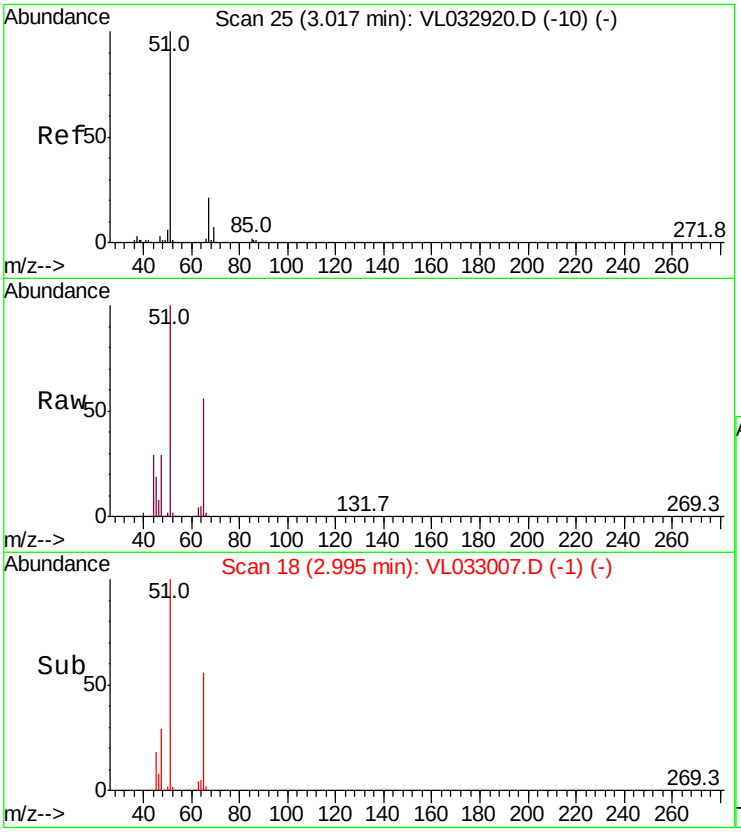


#2
Dichlorodifluoromethane
Concen: 0.067 ppbv
RT: 3.08 min Scan# 46
Delta R.T. 0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 85 Resp: 10787

Ion	Ratio	Lower	Upper
85	100		
87	31.4	25.7	38.5



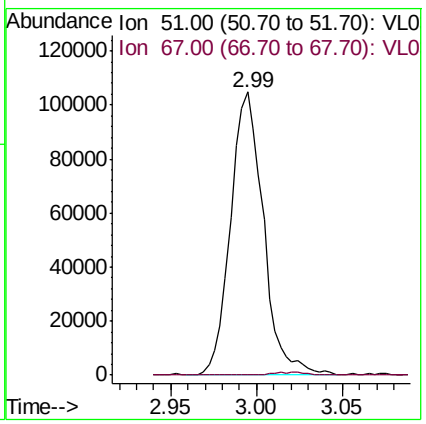


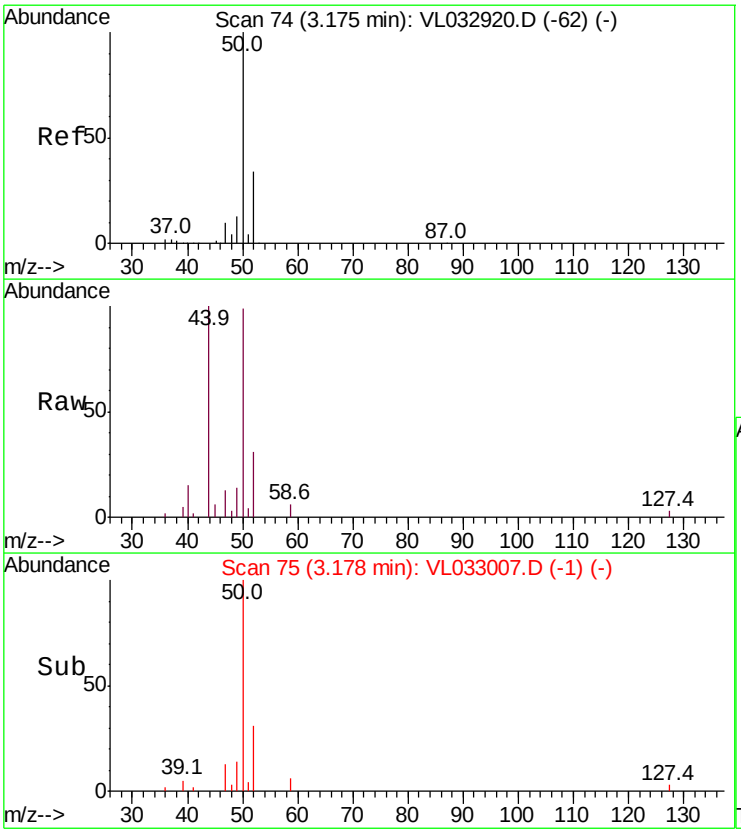
#3
Chlorodifluoromethane
Concen: 1.517 ppbv
RT: 2.99 min Scan# 18
Delta R.T. -0.02 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 139310

Ion	Ratio	Lower	Upper
51	100		
67	1.0	16.8	25.2#

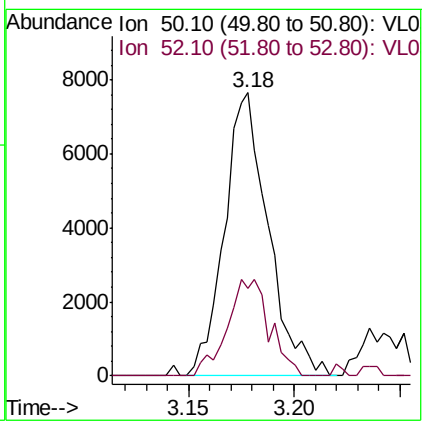


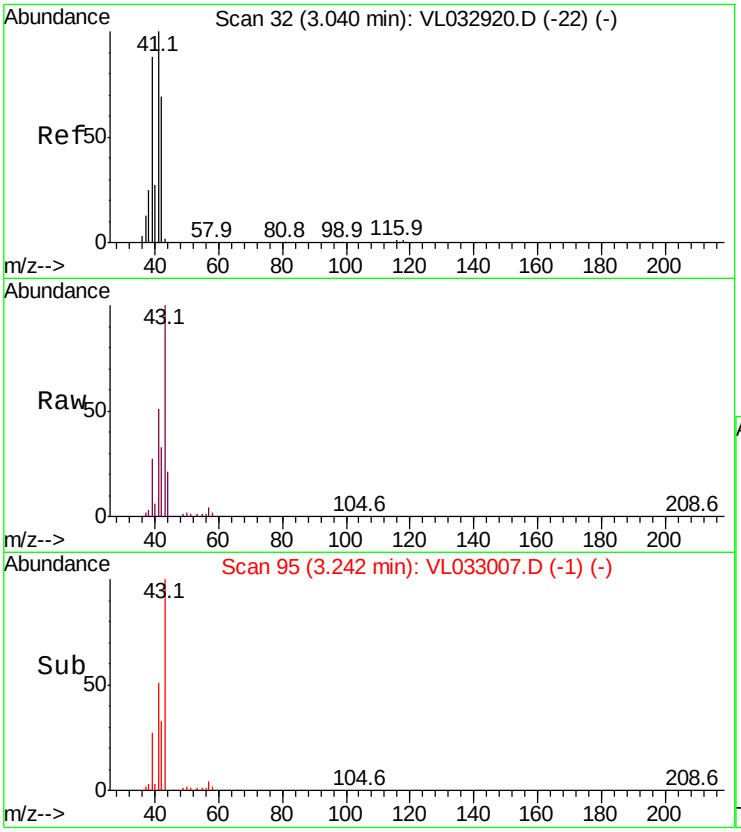


#4
Chloromethane
Concen: 0.206 ppbv
RT: 3.18 min Scan# 75
Delta R.T. 0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 50 Resp: 11019

Ion	Ratio	Lower	Upper
50	100		
52	31.0	27.3	40.9

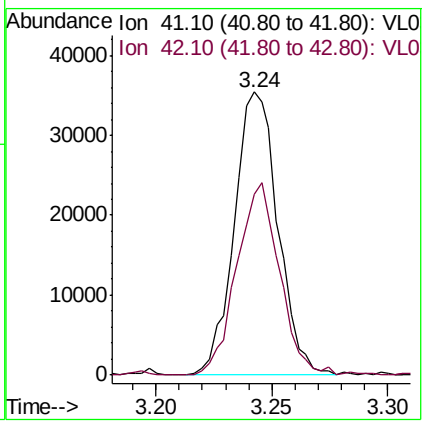




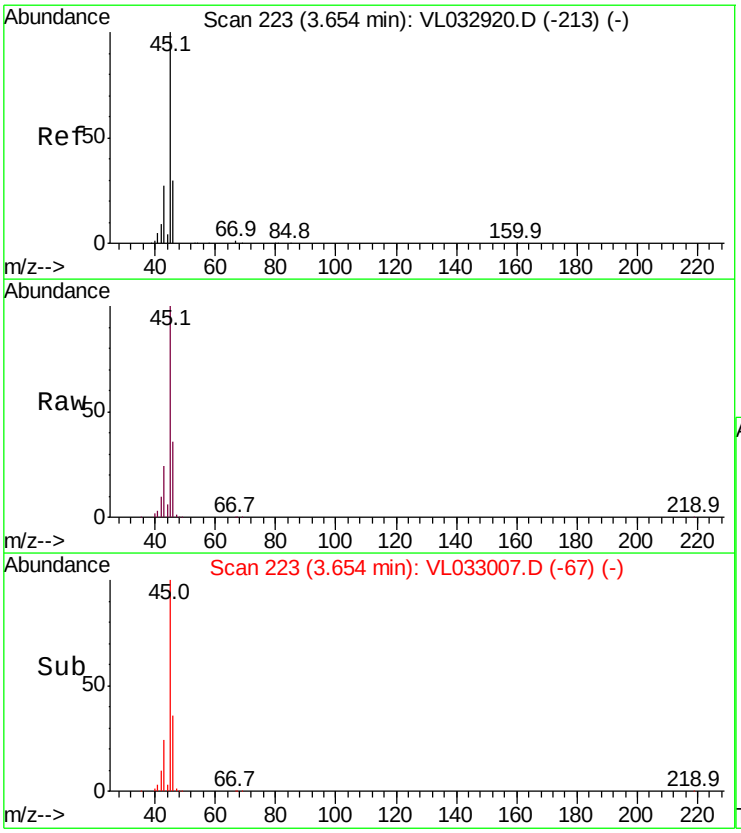
#9
Propene
Concen: 1.275 ppbv
RT: 3.24 min Scan# 95
Delta R.T. 0.20 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 41 Resp: 46287

Ion	Ratio	Lower	Upper
41	100		
42	66.9	56.2	84.2



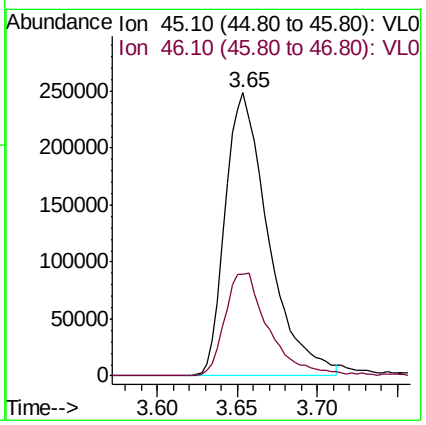
Instrument :
MSVOA_L
ClientSampleId :

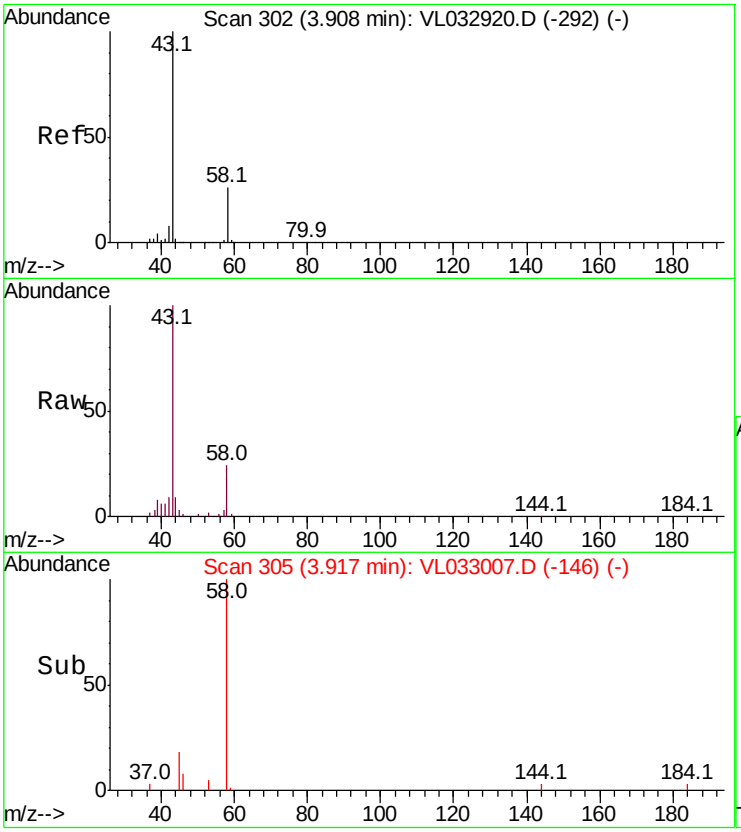


#13
Ethanol
Concen: 36.763 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 45 Resp: 459530

Ion	Ratio	Lower	Upper
45	100		
46	37.4	13.8	55.4



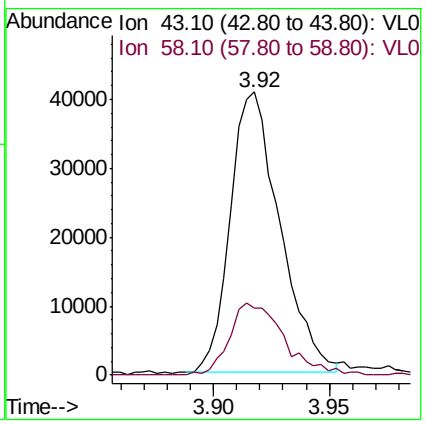


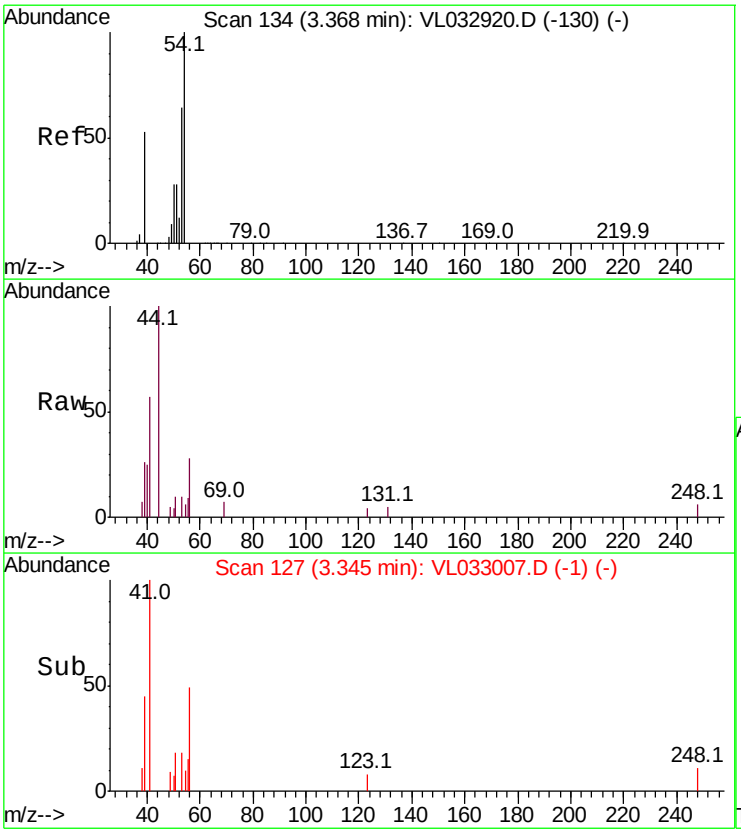
#15
Acetone
Concen: 0.576 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 59970

Ion	Ratio	Lower	Upper
43	100		
58	28.5	20.6	30.8

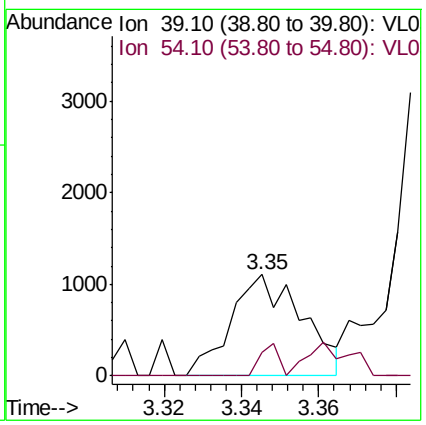


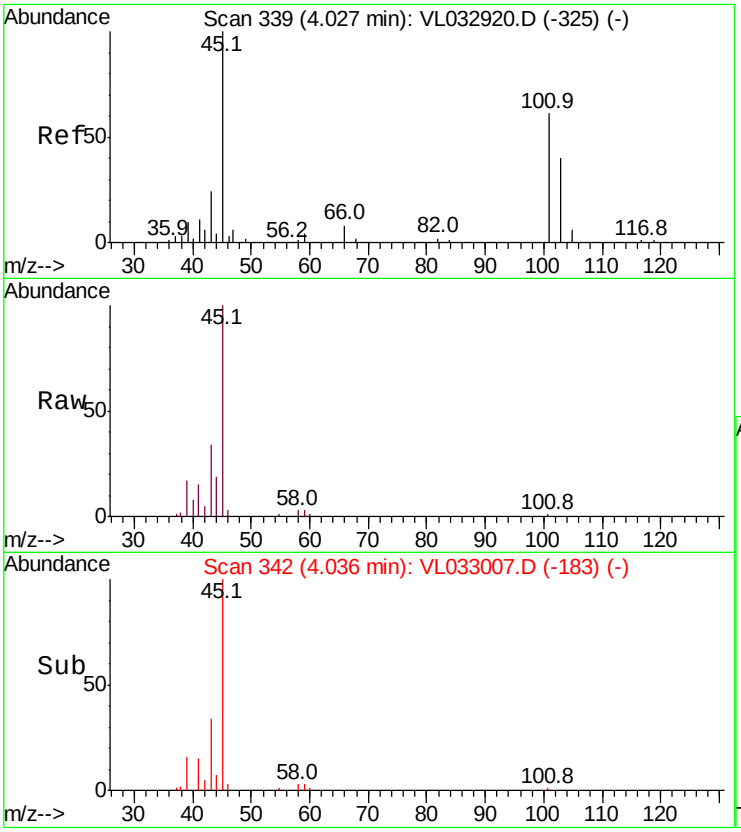


#16
1,3-Butadiene
Concen: 0.034 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 39 Resp: 1410

Ion	Ratio	Lower	Upper
39	100		
54	28.1	72.7	109.1#



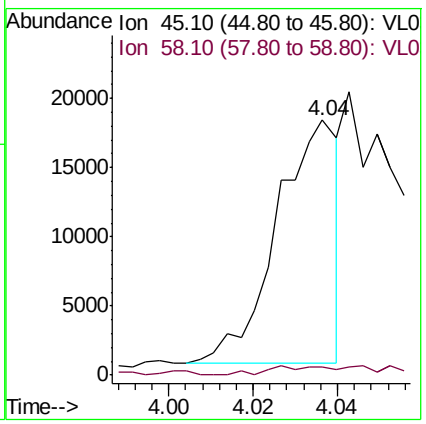


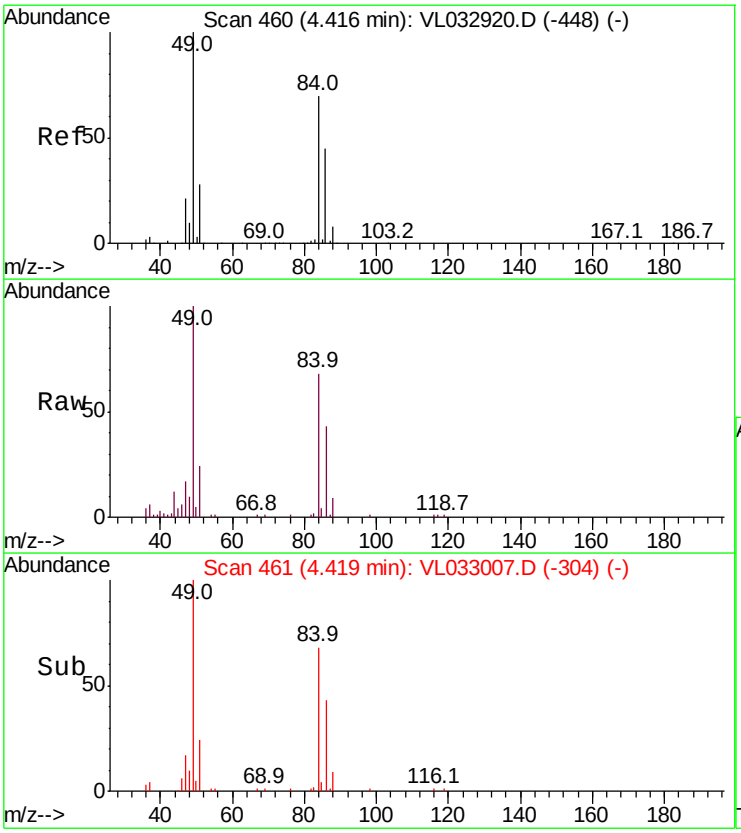
#19
Isopropyl Alcohol
Concen: 0.273 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.01 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 17822

Ion	Ratio	Lower	Upper
45	100		
58	8.0	1.4	2.2#

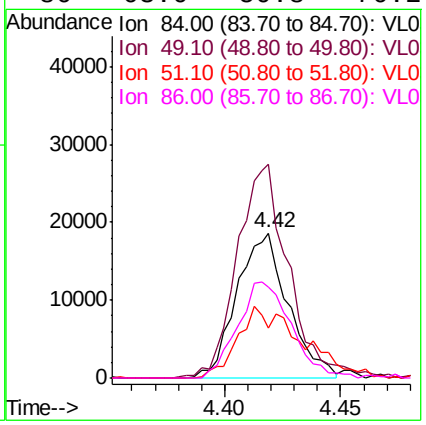


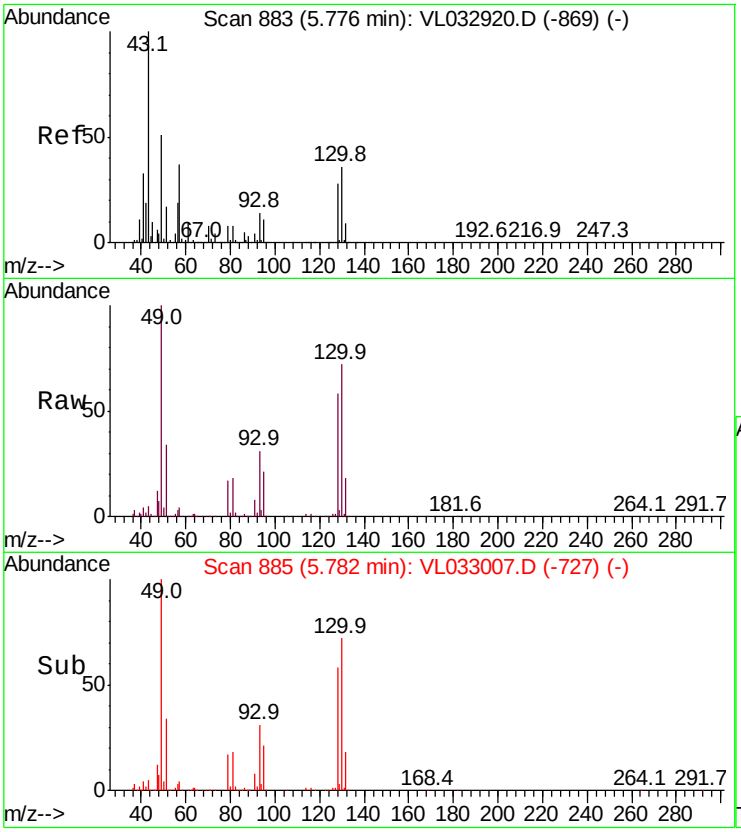


#20
Methylene Chloride
Concen: 0.564 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 84 Resp: 28659

Ion	Ratio	Lower	Upper
84	100		
49	146.0	113.8	170.8
51	34.8	31.8	47.8
86	63.0	50.8	76.2



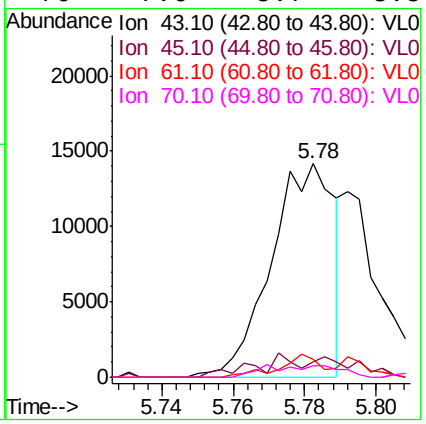


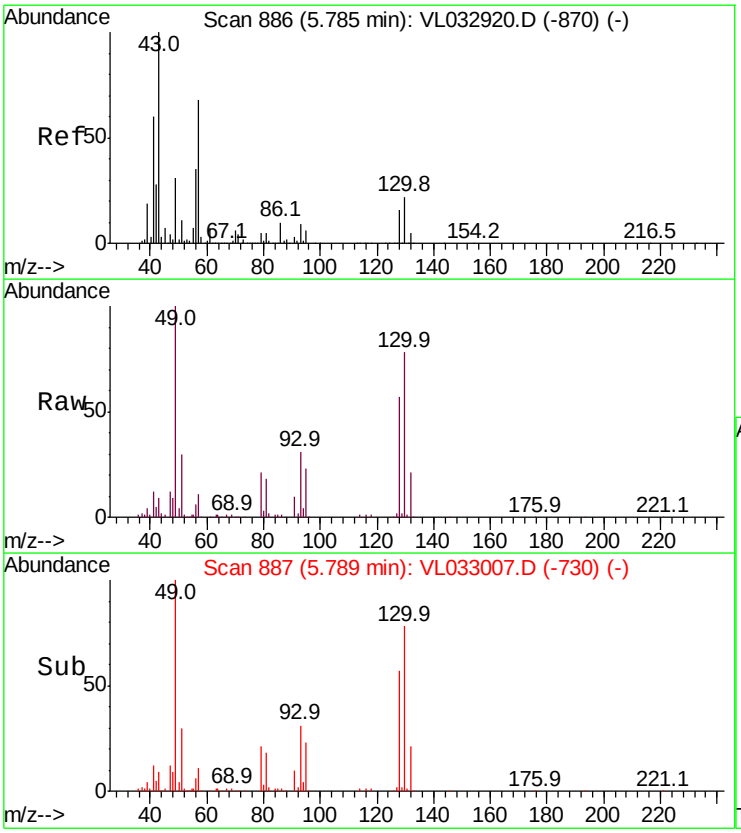
#25
Ethyl Acetate
Concen: 0.071 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 17368

Ion	Ratio	Lower	Upper
43	100		
45	14.8	7.8	11.6#
61	10.9	7.4	11.2
70	7.6	5.7	8.5

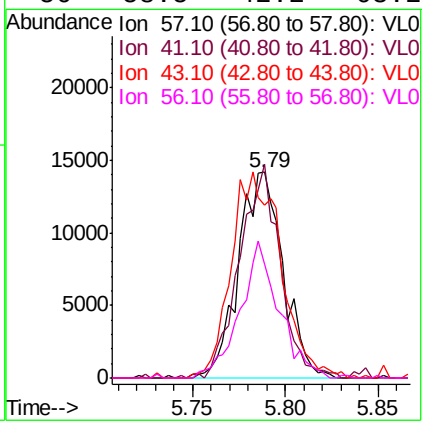


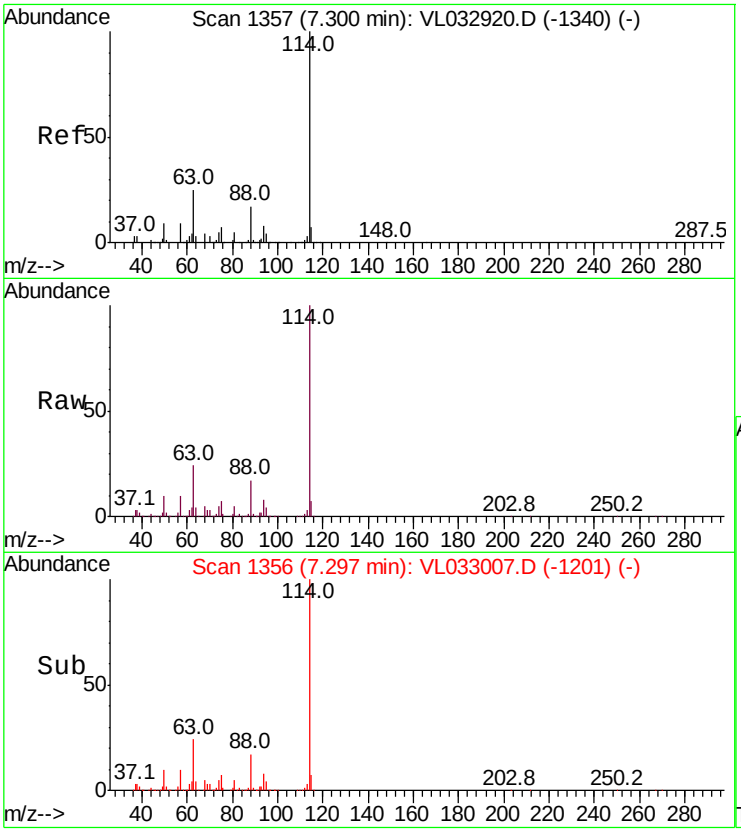


#26
Hexane
Concen: 0.210 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 57 Resp: 23813

Ion	Ratio	Lower	Upper
57	100		
41	94.0	72.2	108.2
43	111.9	171.9	257.9#
56	58.5	42.2	63.2



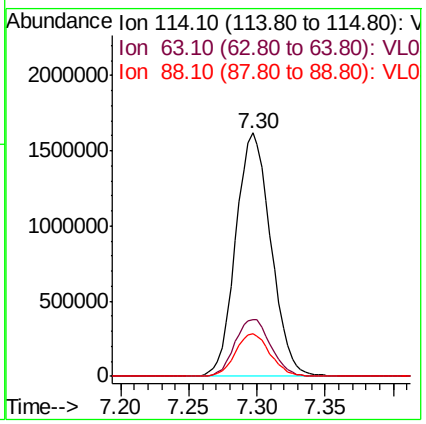


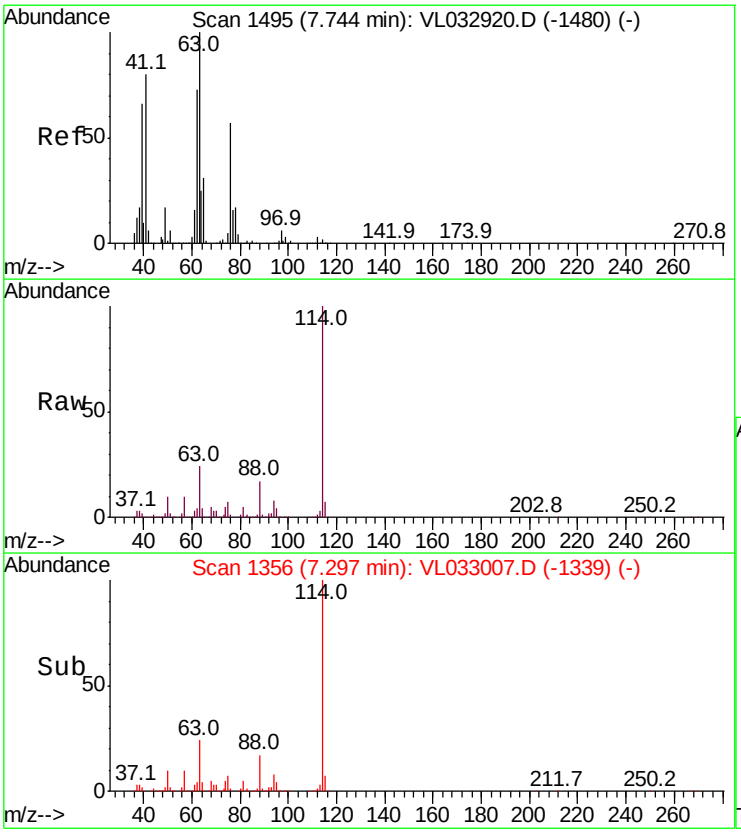
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2899135

Ion	Ratio	Lower	Upper
114	100		
63	24.0	20.1	30.1
88	17.4	14.2	21.4

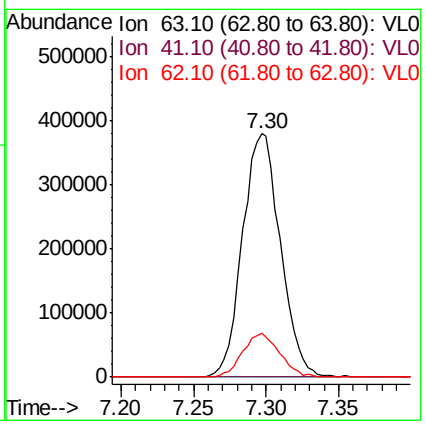


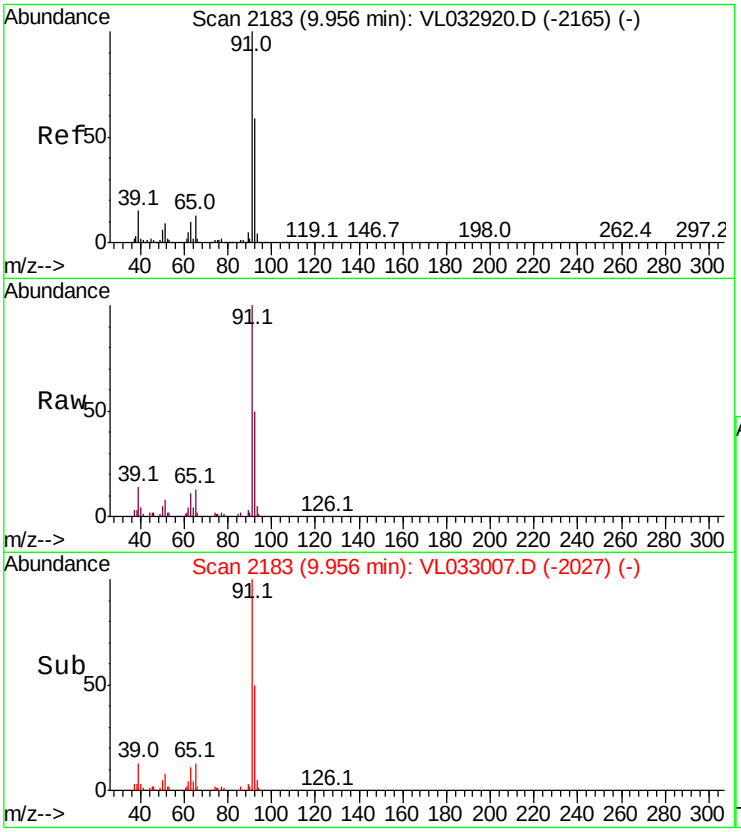


#39
1,2-Dichloropropane
Concen: 8.566 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion: 63 Resp: 692723

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	18.3	58.8	88.2#



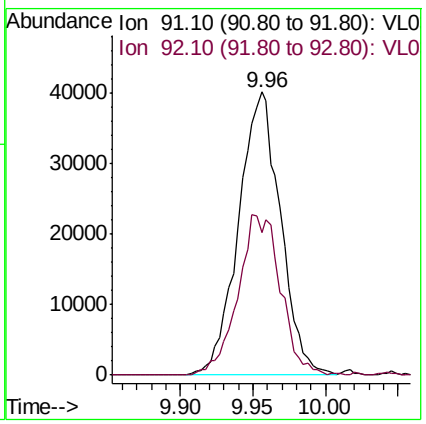


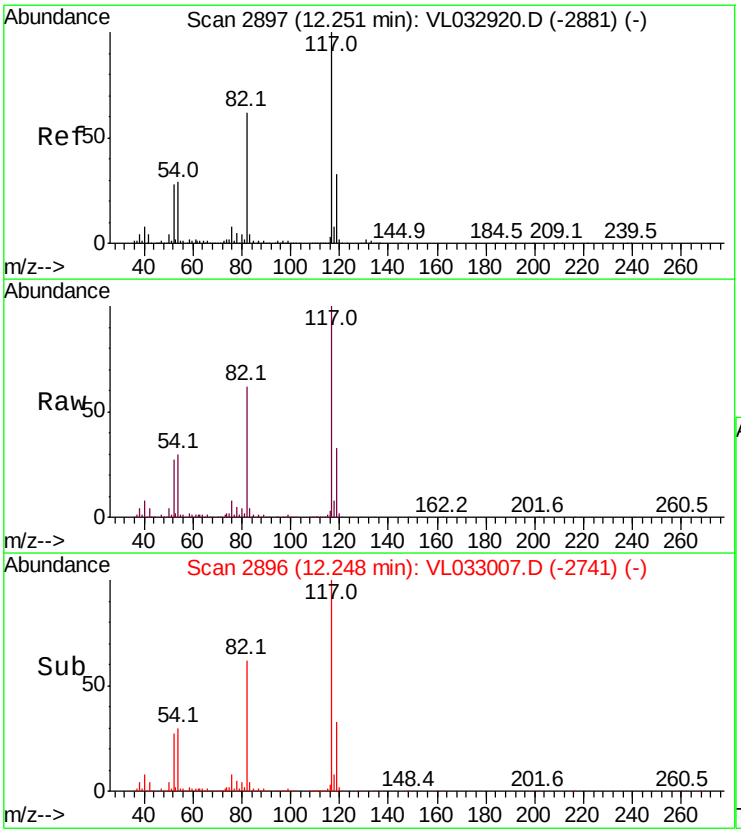
#53
Toluene
Concen: 0.358 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 80952

Ion	Ratio	Lower	Upper
91	100		
92	57.6	47.4	71.0

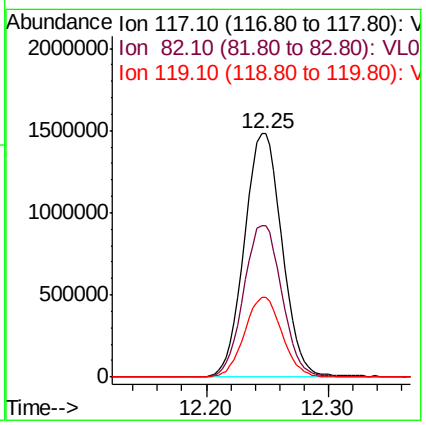


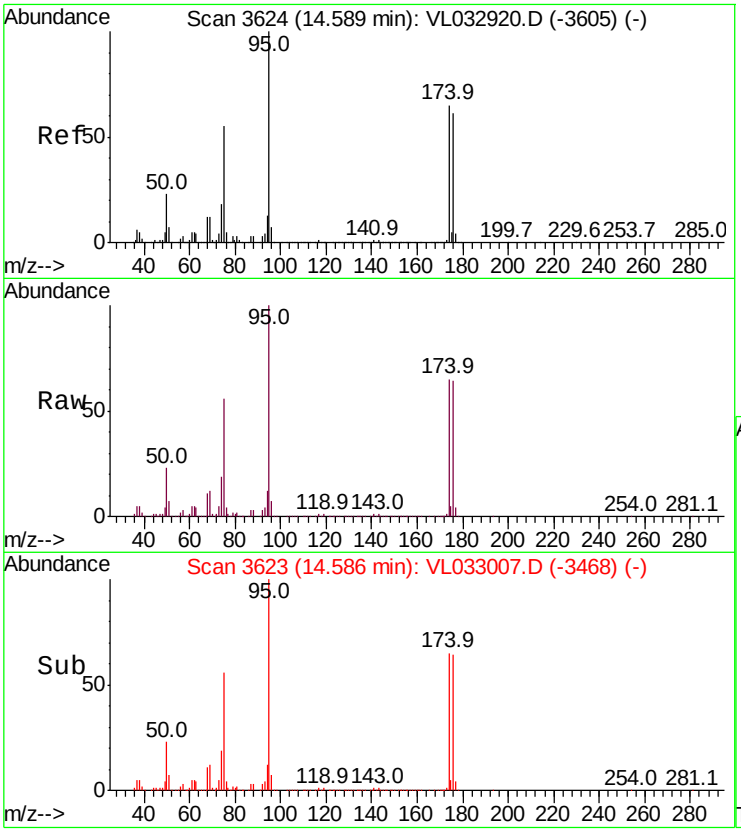


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Tgt Ion:117 Resp: 3159484

Ion	Ratio	Lower	Upper
117	100		
82	63.9	47.8	71.8
119	32.7	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.859 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL033007.D
Acq: 17 Dec 2018 22:31

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2301250

Ion	Ratio	Lower	Upper
95	100		
174	66.9	51.4	77.0
175	5.0	3.8	5.6