Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032959.D
Acq On : 11 Dec 2018 18:01
Operator : SY/AP
Sample : J6338-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 12 00:51:22 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	5.76	49	1377304	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	3317767	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3061479	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2243680	9.92	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	11140	0.061	ppbv		89
3) Chlorodifluoromethane	3.01	51	7311	0.070	ppbv	#	86
4) Chloromethane	3.17	50	3622	0.060	ppbv		96
9) Propene	3.05	41	4007	0.097	ppbv		90
13) Ethanol	3.65	45	231905	16.330	ppbv		97
15) Acetone	3.92	43	78918	0.668	ppbv		95
19) Isopropyl Alcohol	3.65	45	231905	3.124	ppbv	#	95
20) Methylene Chloride	4.42	84	241779	4.185	ppbv		97
25) Ethyl Acetate	5.79	43	27239	0.098	ppbv	#	93
26) Hexane	5.78	57	27411	0.213	ppbv	#	54
34) 2-Butanone	5.35	43	27141	0.188	ppbv	#	59
39) 1,2-Dichloropropane	7.29	63	812441	8.779	ppbv	#	21
52) Tetrachloroethene	11.38	164	55946	0.630	ppbv		97
53) Toluene	9.95	91	22700	0.088	ppbv	#	59

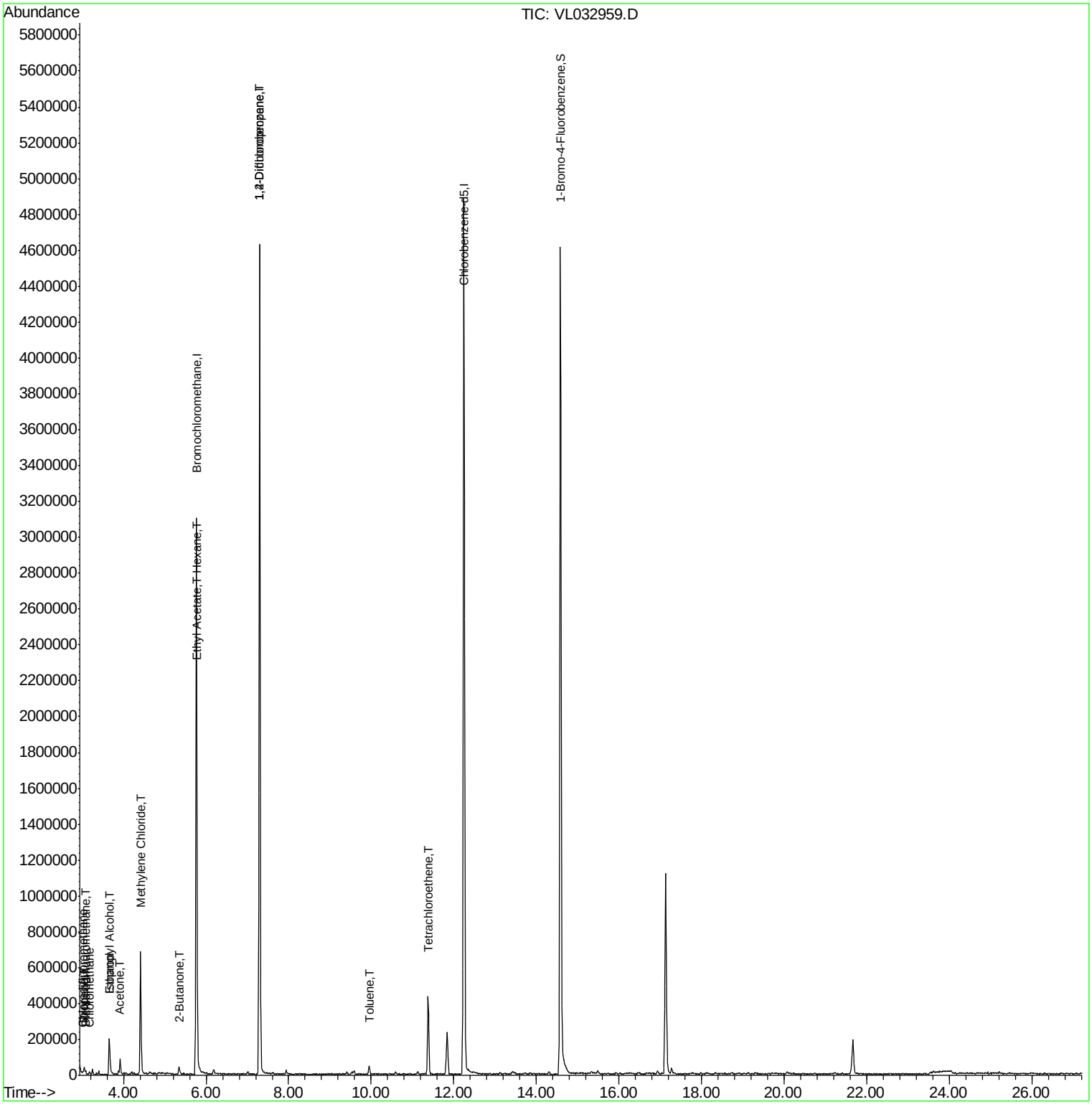
(#) = qualifier out of range (m) = manual integration (+) = signals summed

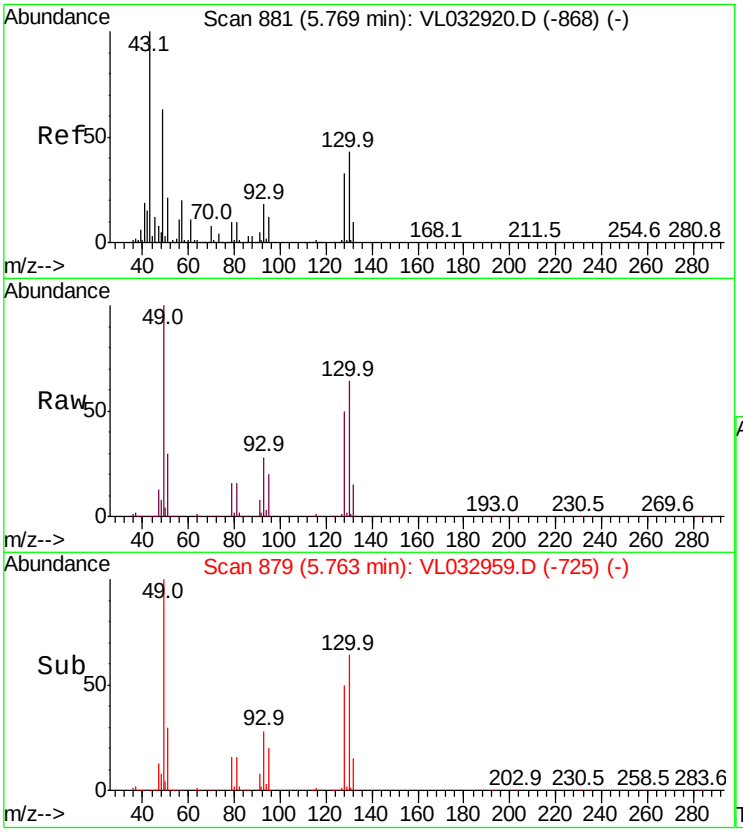
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032959.D
Acq On : 11 Dec 2018 18:01
Operator : SY/AP
Sample : J6338-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 12 00:51:22 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



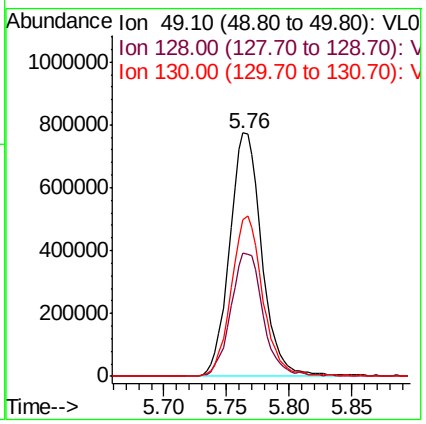


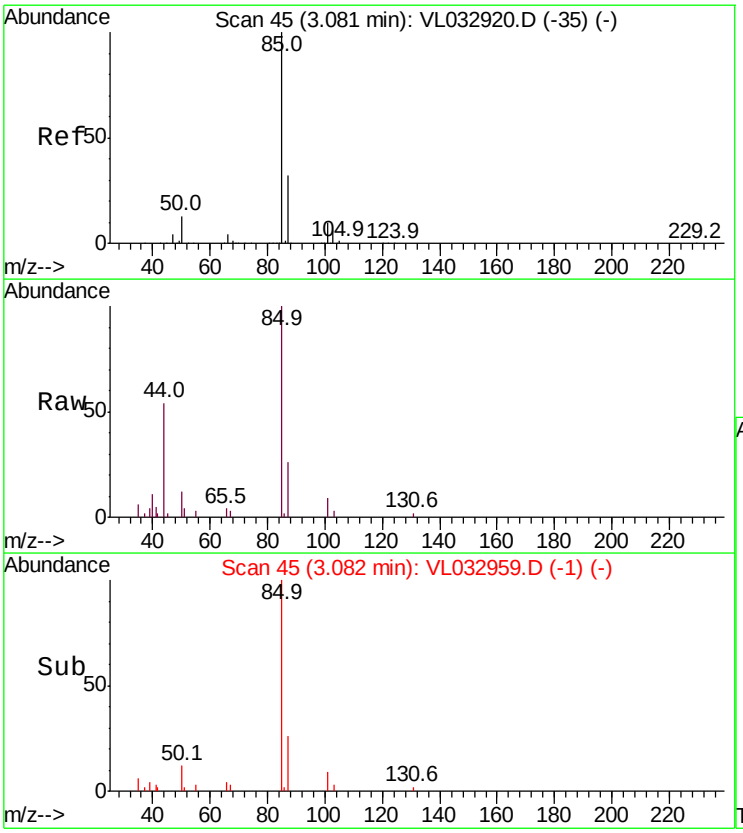
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1377304

Ion	Ratio	Lower	Upper
49	100		
128	51.6	26.3	78.8
130	65.0	33.9	101.7

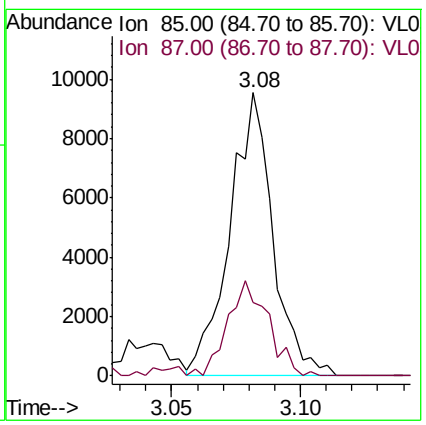


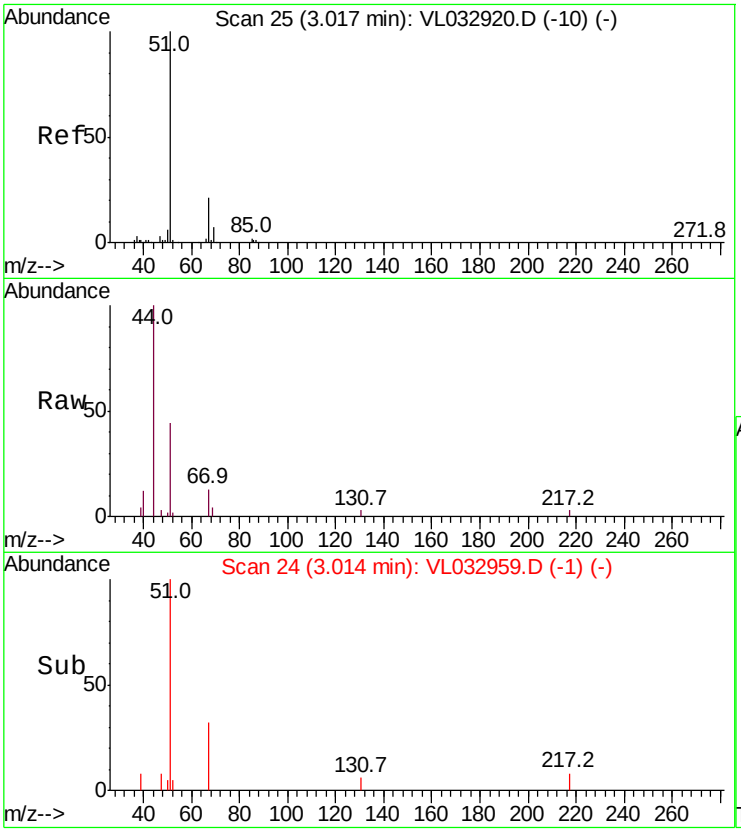


#2
Dichlorodifluoromethane
Concen: 0.061 ppbv
RT: 3.08 min Scan# 45
Delta R.T. 0.00 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 85 Resp: 11140

Ion	Ratio	Lower	Upper
85	100		
87	25.8	25.7	38.5



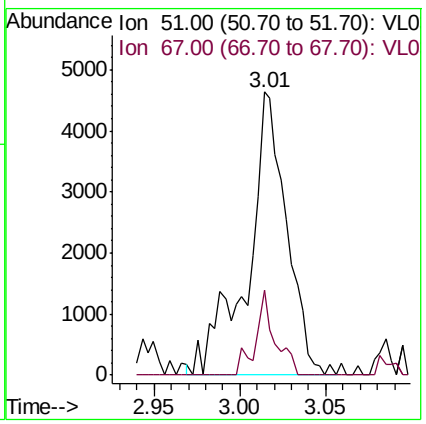


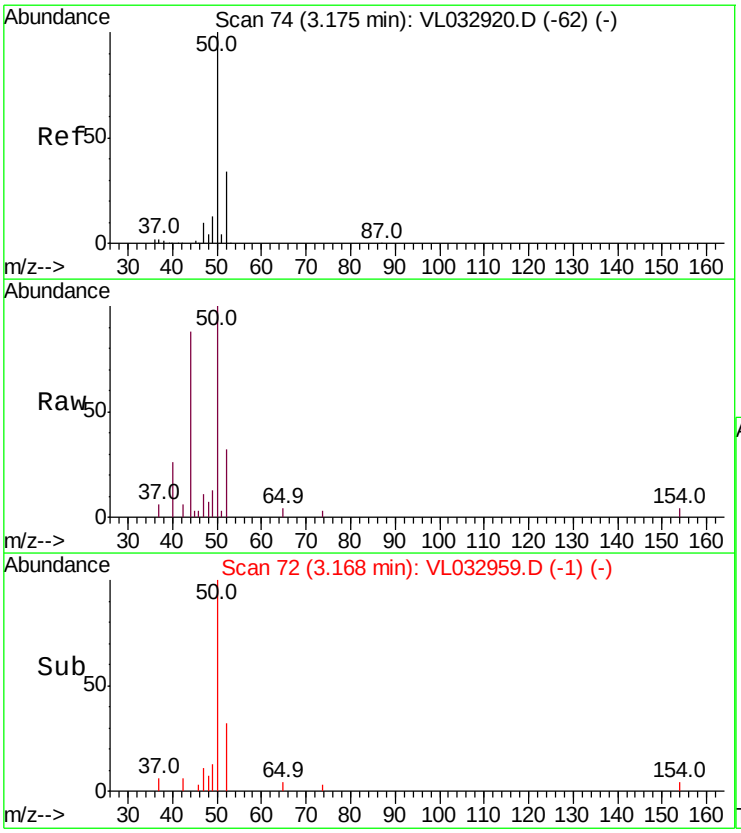
#3
Chlorodifluoromethane
Concen: 0.070 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 7311

Ion	Ratio	Lower	Upper
51	100		
67	14.6	16.8	25.2#

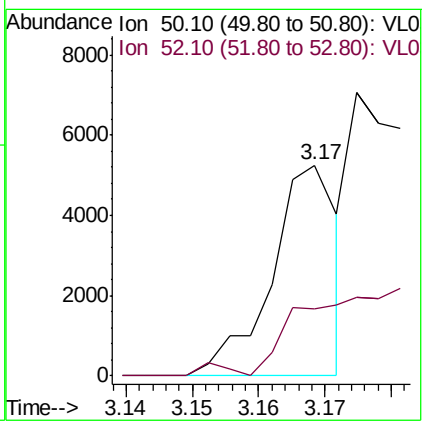


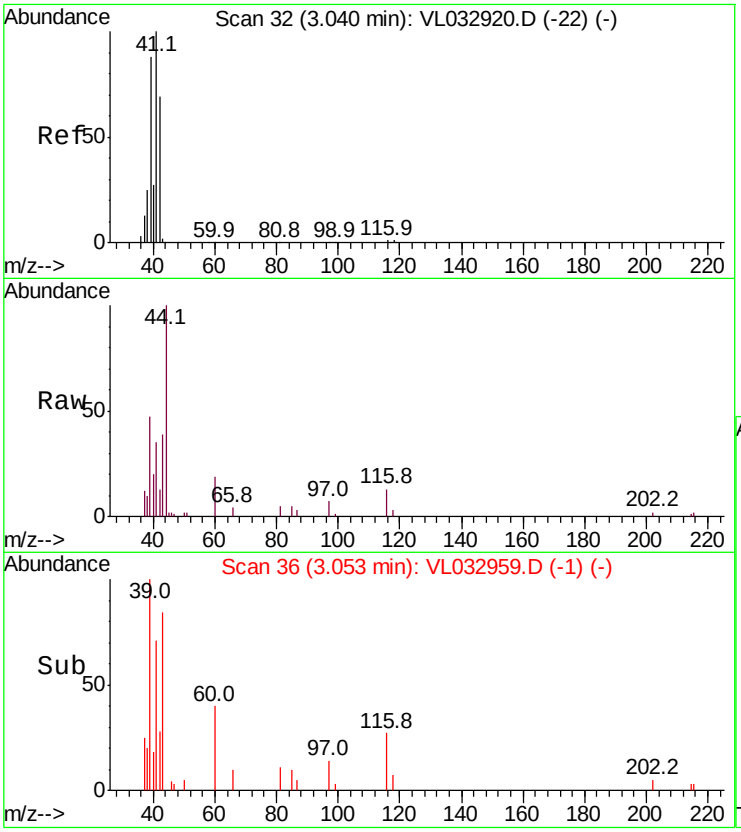


#4
Chloromethane
Concen: 0.060 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 50 Resp: 3622

Ion	Ratio	Lower	Upper
50	100		
52	32.0	27.3	40.9



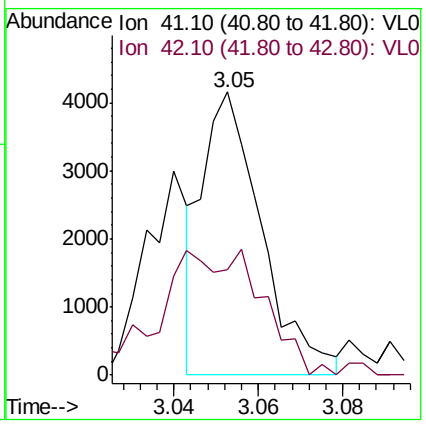


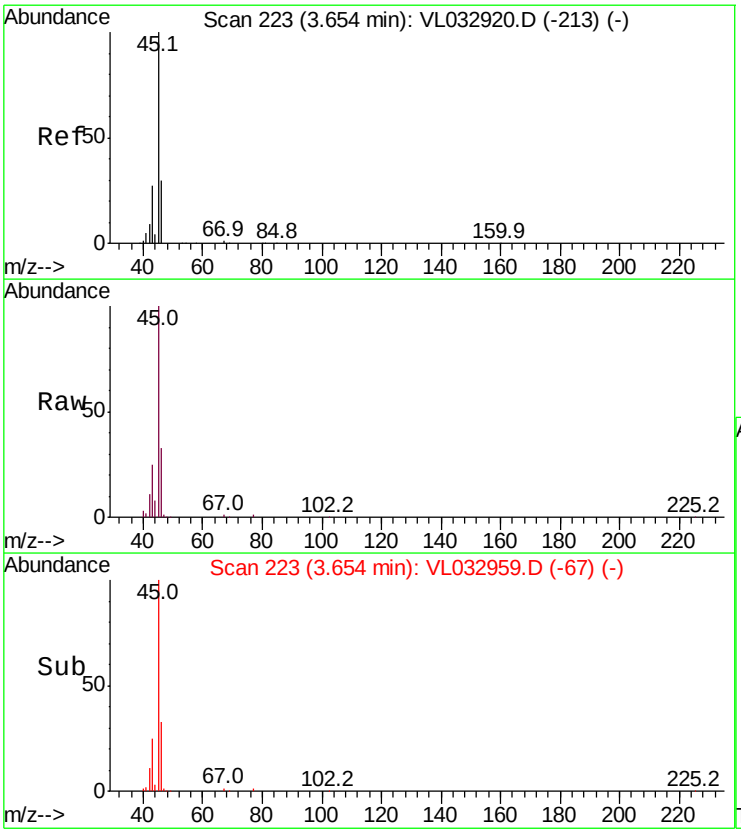
#9
Propene
Concen: 0.097 ppbv
RT: 3.05 min Scan# 36
Delta R.T. 0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 4007

Ion	Ratio	Lower	Upper
41	100		
42	78.8	56.2	84.2

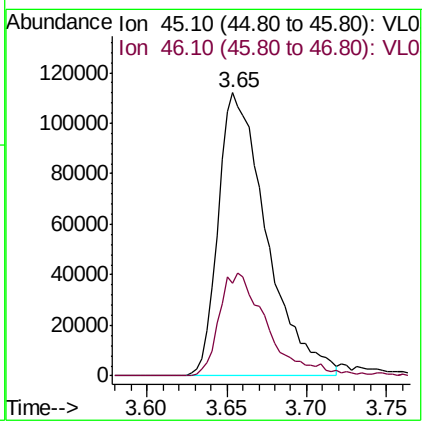


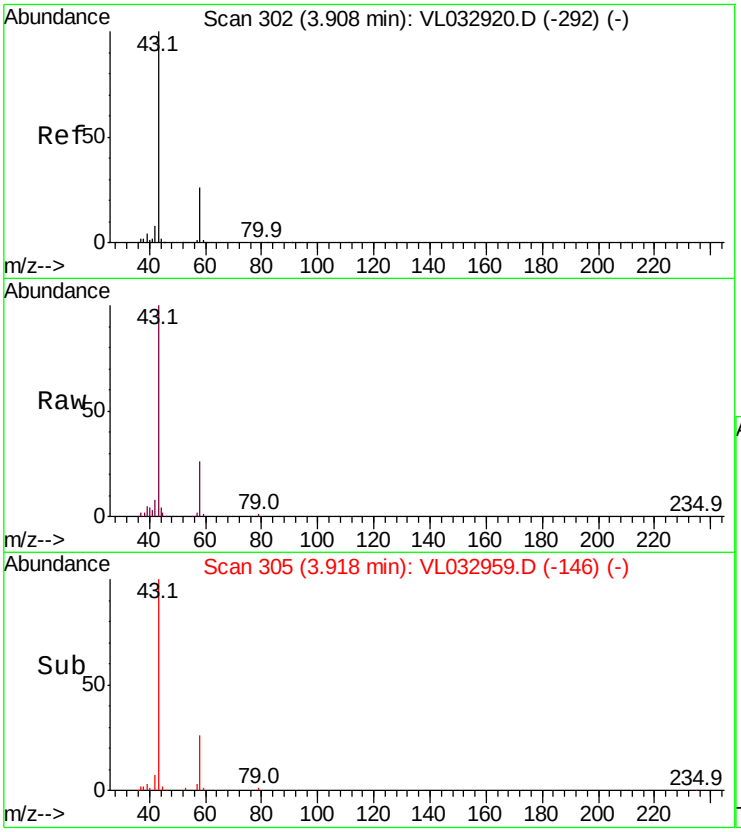


#13
Ethanol
Concen: 16.330 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.00 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 45 Resp: 231905

Ion	Ratio	Lower	Upper
45	100		
46	36.5	13.8	55.4



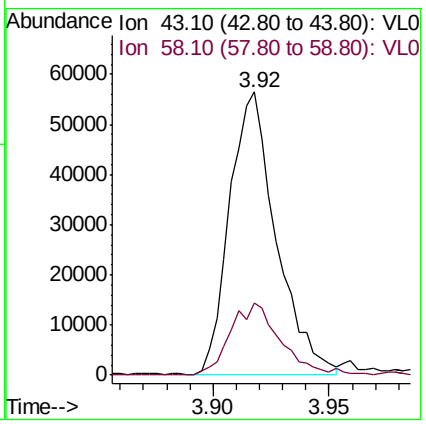


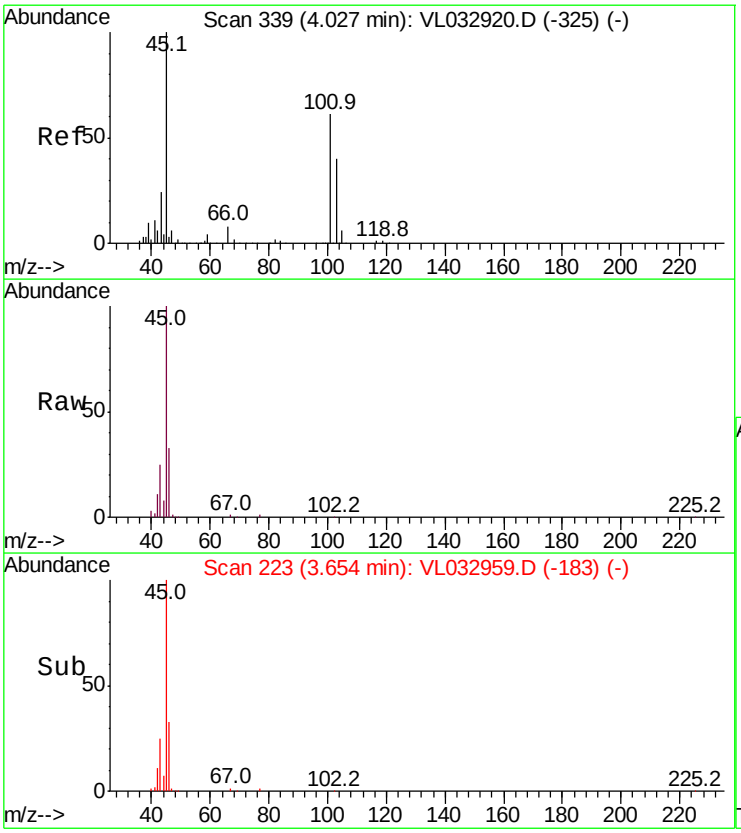
#15
Acetone
Concen: 0.668 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 78918

Ion	Ratio	Lower	Upper
43	100		
58	28.1	20.6	30.8

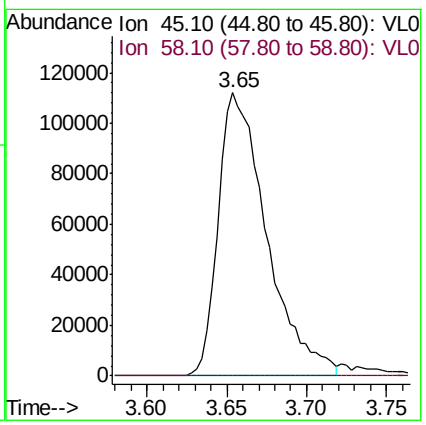


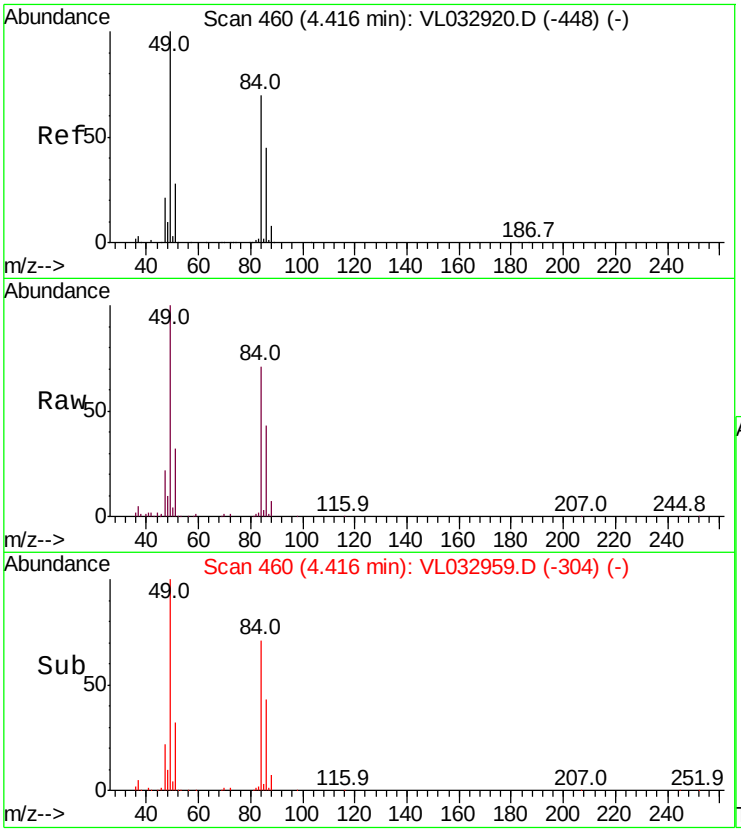


#19
Isopropyl Alcohol
Concen: 3.124 ppbv
RT: 3.65 min Scan# 223
Delta R.T. -0.37 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 45 Resp: 231905

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#



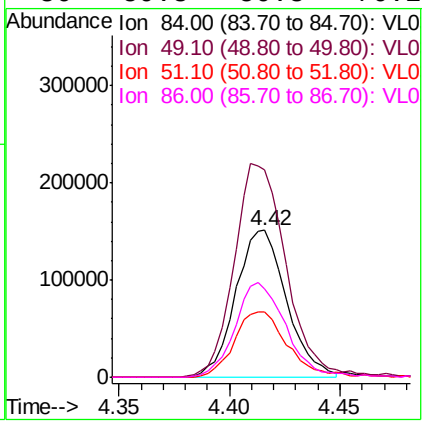


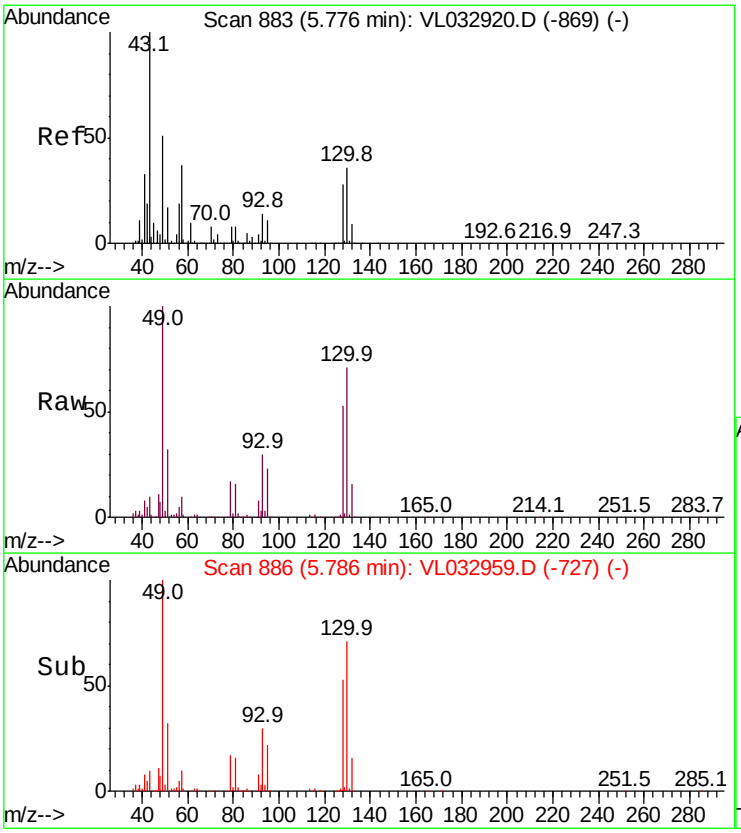
#20
Methylene Chloride
Concen: 4.185 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 241779

Ion	Ratio	Lower	Upper
84	100		
49	141.0	113.8	170.8
51	44.8	31.8	47.8
86	59.8	50.8	76.2

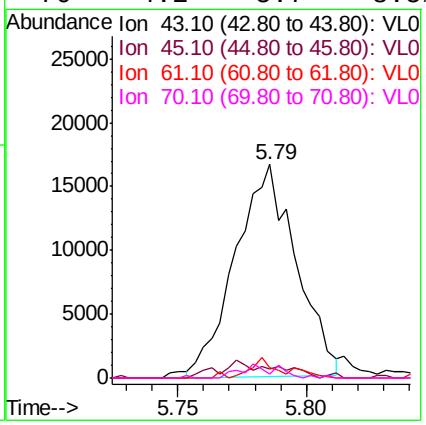


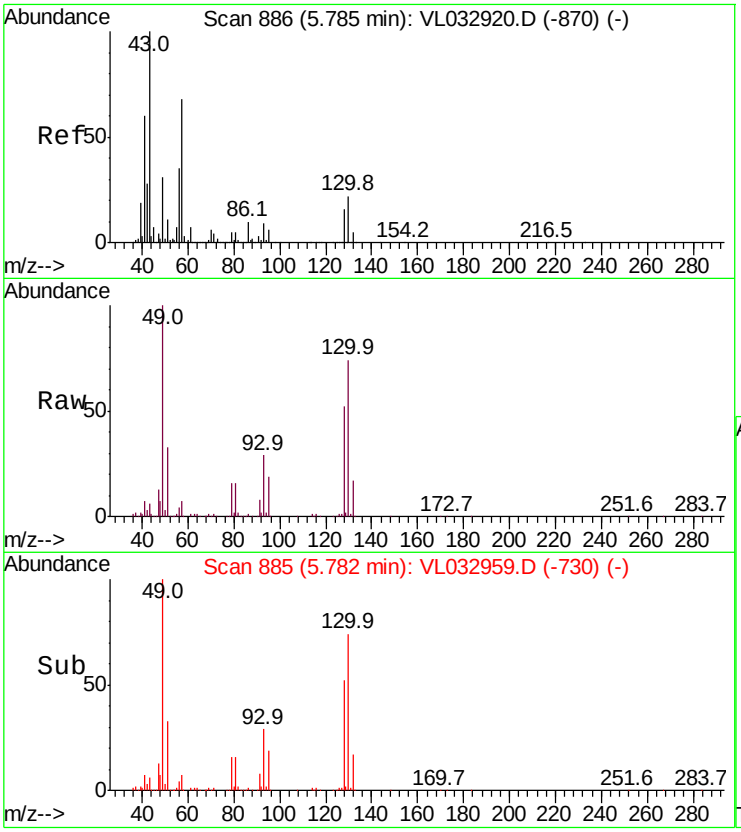


#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 43 Resp: 27239

Ion	Ratio	Lower	Upper
43	100		
45	8.7	7.8	11.6
61	5.4	7.4	11.2#
70	4.2	5.7	8.5#



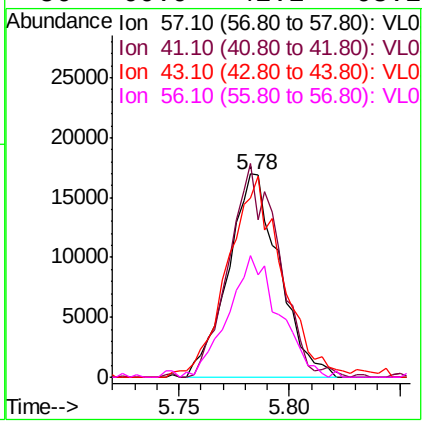


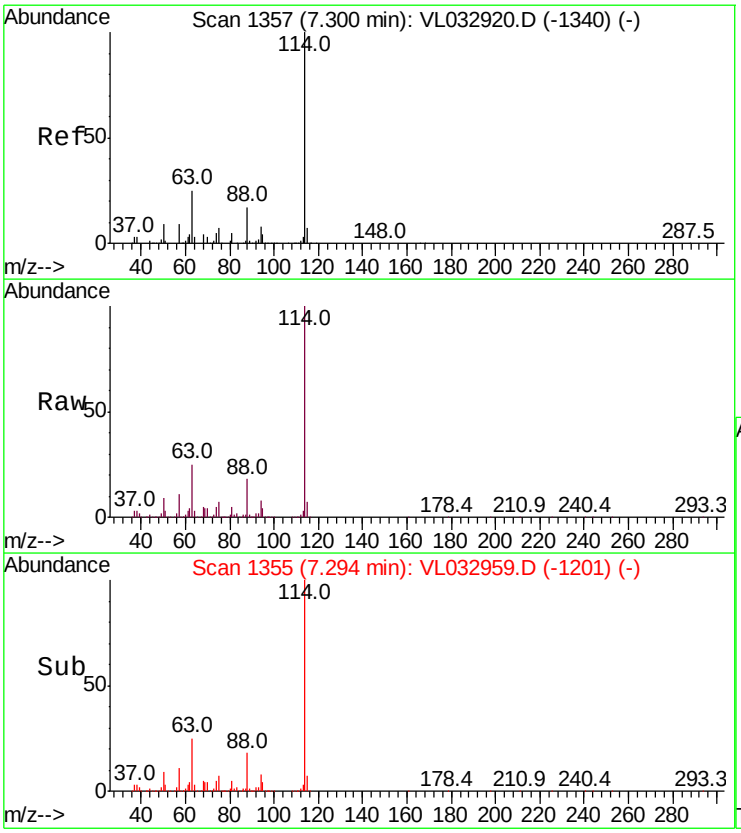
#26
Hexane
Concen: 0.213 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 27411

Ion	Ratio	Lower	Upper
57	100		
41	102.9	72.2	108.2
43	106.9	171.9	257.9#
56	60.9	42.2	63.2

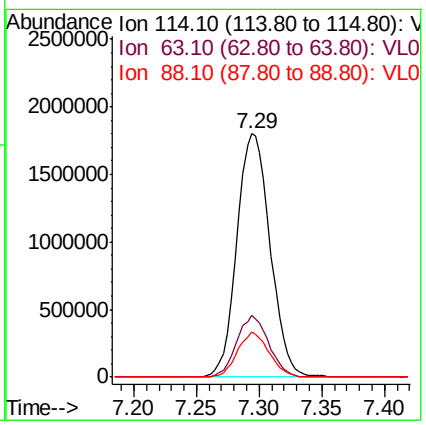


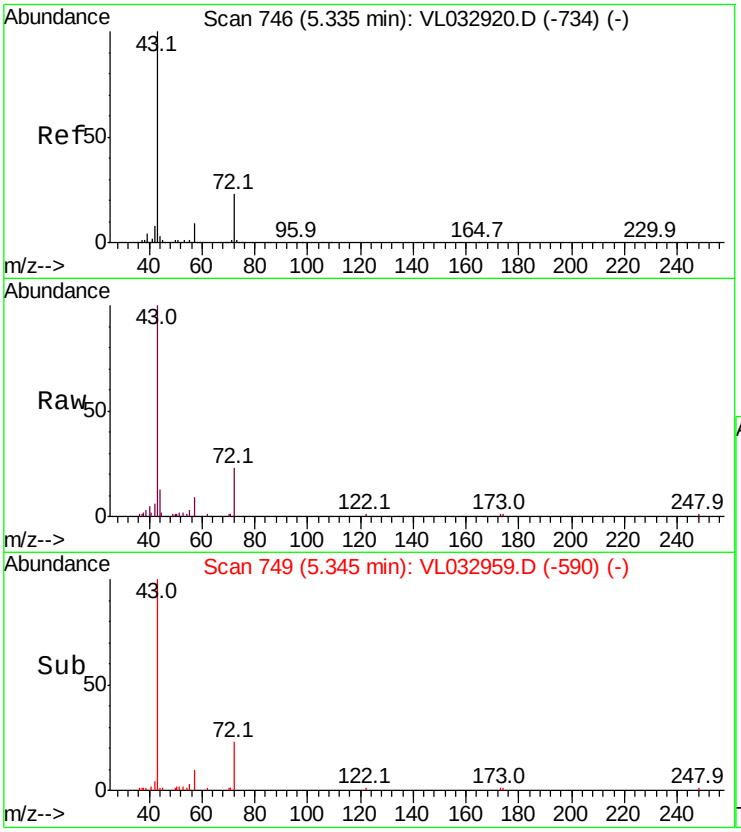


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion:114 Resp: 3317767

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.1	30.1
88	17.8	14.2	21.4



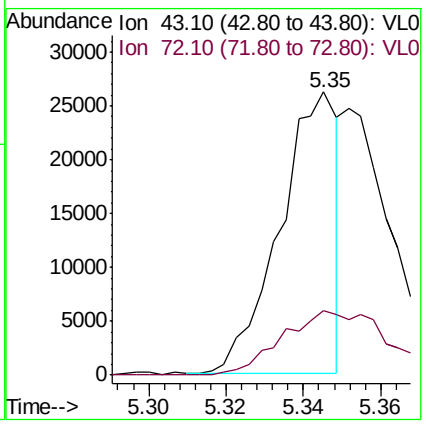


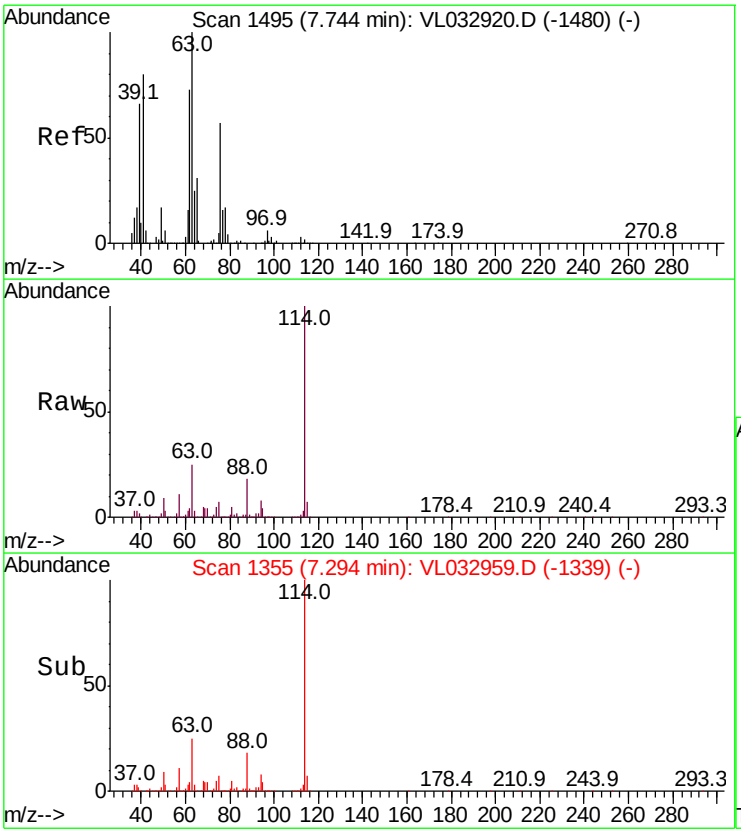
#34
2-Butanone
Concen: 0.188 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 27141

Ion	Ratio	Lower	Upper
43	100		
72	43.8	18.8	28.2#

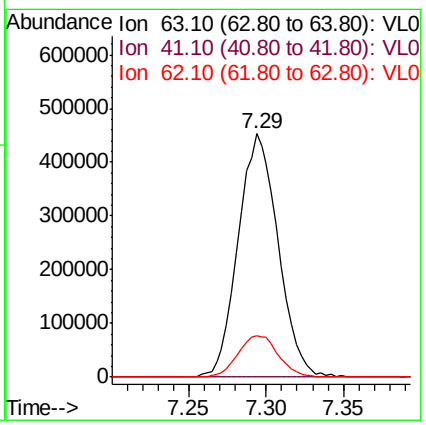


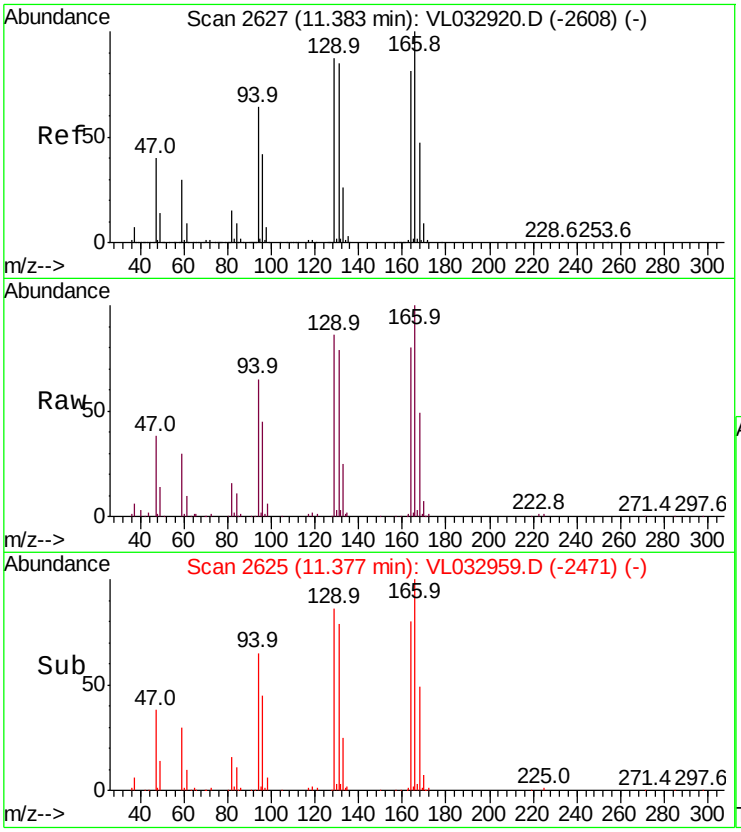


#39
1,2-Dichloropropane
Concen: 8.779 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 63 Resp: 812441

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	16.9	58.8	88.2#



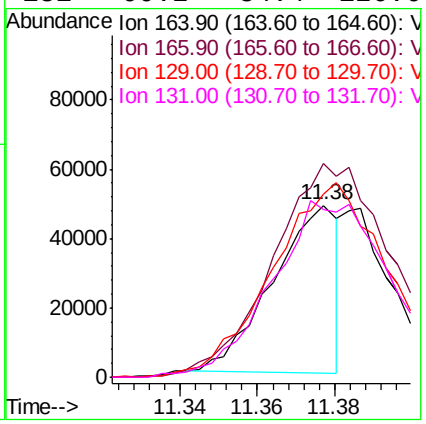


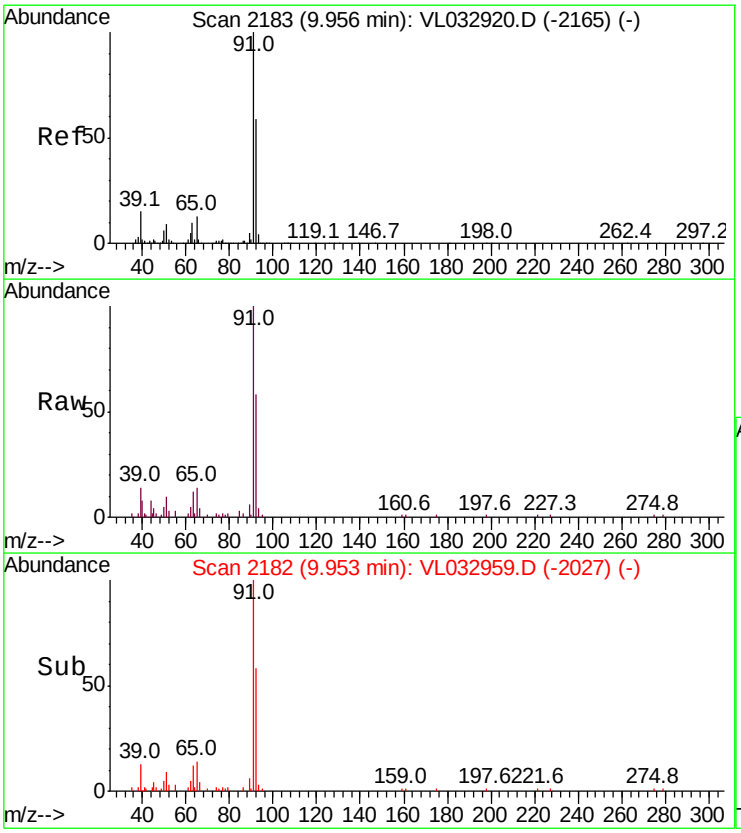
#52
Tetrachloroethene
Concen: 0.630 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 55946

Ion	Ratio	Lower	Upper
164	100		
166	125.5	98.8	148.2
129	106.7	85.5	128.3
131	99.2	84.4	126.6

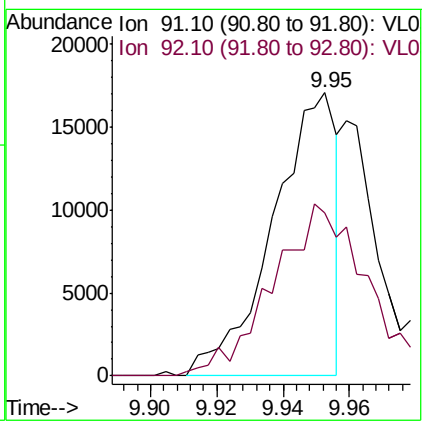


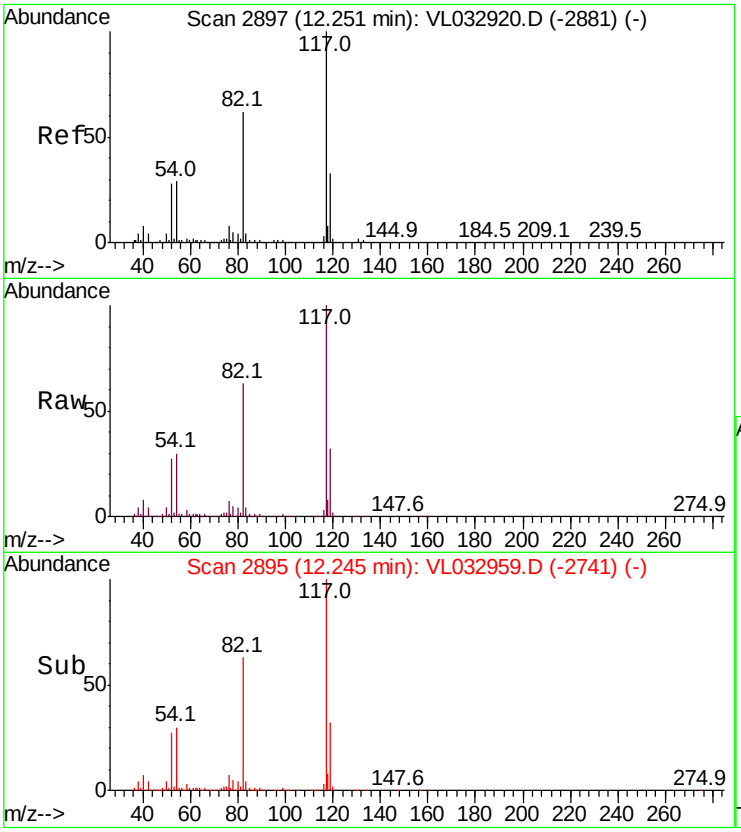


#53
Toluene
Concen: 0.088 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 91 Resp: 22700

Ion	Ratio	Lower	Upper
91	100		
92	90.3	47.4	71.0#



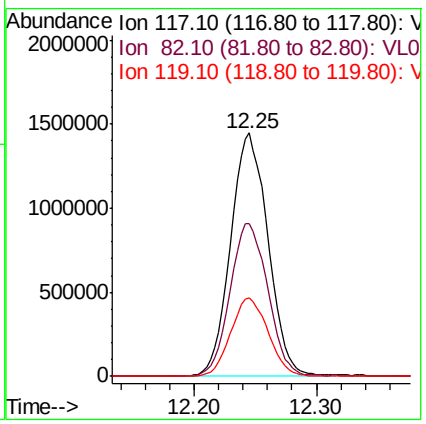


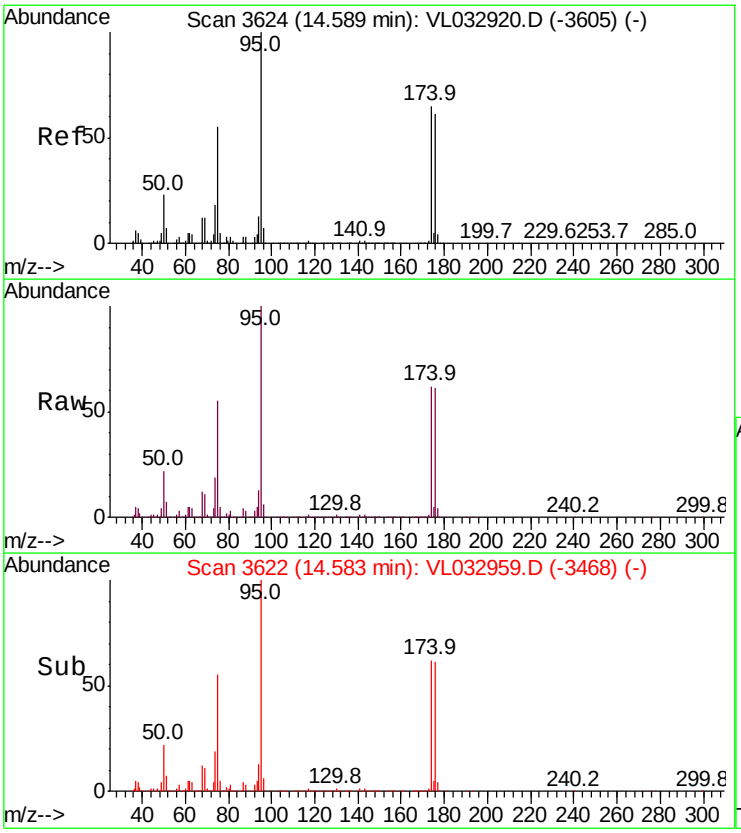
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3061479

Ion	Ratio	Lower	Upper
117	100		
82	64.0	47.8	71.8
119	32.8	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.920 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032959.D
Acq: 11 Dec 2018 18:01

Tgt Ion: 95 Resp: 2243680

Ion	Ratio	Lower	Upper
95	100		
174	65.7	51.4	77.0
175	4.8	3.8	5.6