Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032557.D
Acq On : 27 Sep 2018 20:09
Operator : SY/AP
Sample : J5136-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 03:45:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep 2
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : 249

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1373435	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	2969329	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.27	117	3296570	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2289683	9.21	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	39772	0.313	ppbv		96
3) Chlorodifluoromethane	3.03	51	2179662	19.084	ppbv		99
4) Chloromethane	3.19	50	33827	0.508	ppbv		96
9) Propene	3.05	41	234620	4.735	ppbv		99
11) Trichlorofluoromethane	4.03	101	37637	0.249	ppbv		92
13) Ethanol	3.67	45	119233	8.005	ppbv		97
15) Acetone	3.92	43	1481473	12.289	ppbv	#	70
20) Methylene Chloride	4.43	84	667638	11.436	ppbv		96
26) Hexane	5.80	57	307031	2.324	ppbv	#	43
34) 2-Butanone	5.35	43	5745553	32.493	ppbv		98
35) Carbon Tetrachloride	7.16	117	15814m	0.077	ppbv		
36) Benzene	7.04	78	33393	0.139	ppbv	#	91
51) 2-Hexanone	10.31	43	203535	0.885	ppbv	#	98
52) Tetrachloroethene	11.40	164	4989m	0.060	ppbv		
53) Toluene	9.98	91	56786	0.194	ppbv		95
73) 1,3,5-Trimethylbenzene	16.19	105	70860	0.194	ppbv		88
74) 1,2,4-Trimethylbenzene	16.96	105	212629	0.540	ppbv	#	66

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092718\
Data File : VL032557.D
Acq On : 27 Sep 2018 20:09
Operator : SY/AP
Sample : J5136-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 28 03:45:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Sep
QLast Update : Tue Sep 25 05:17:15 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
249

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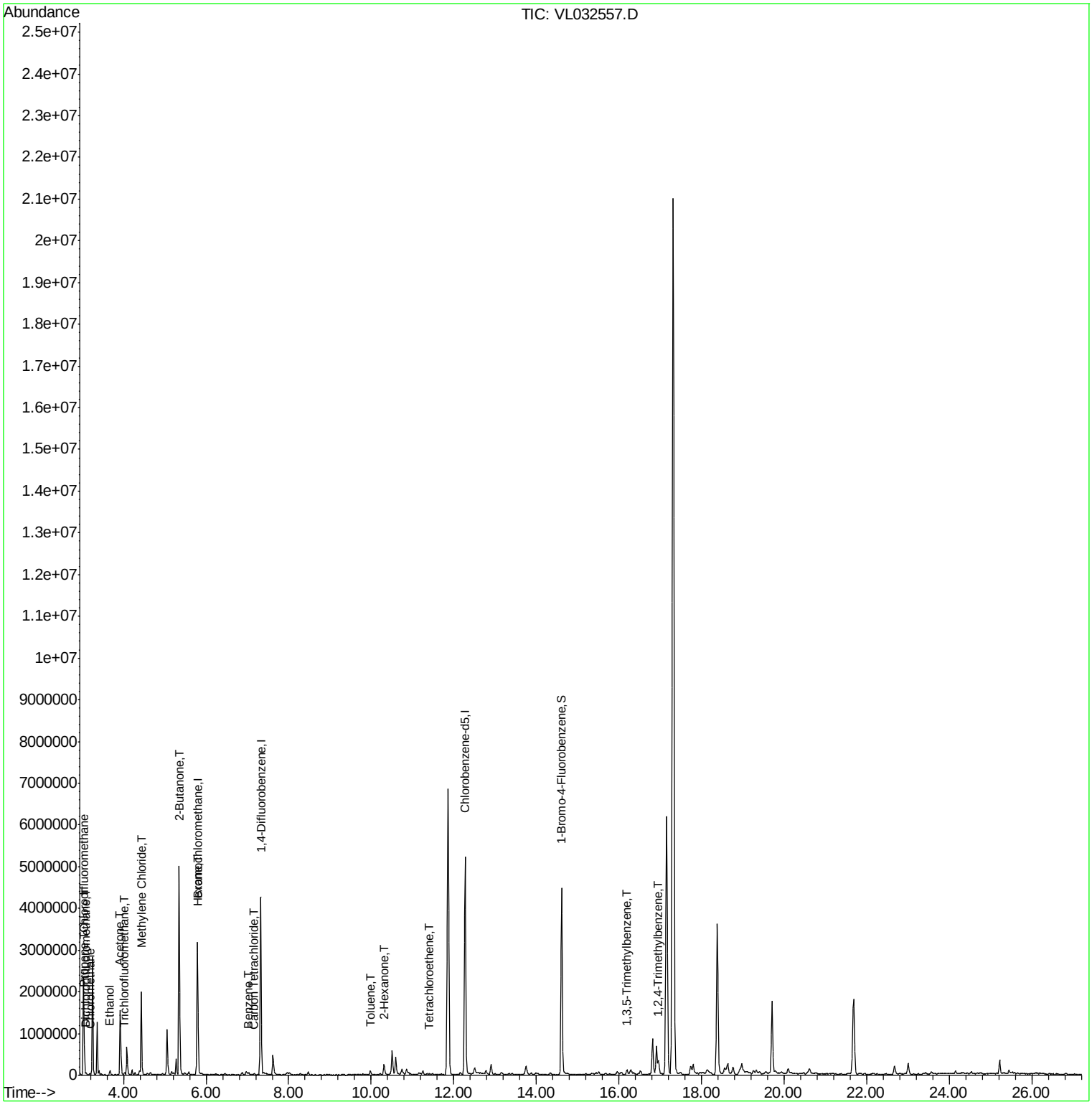
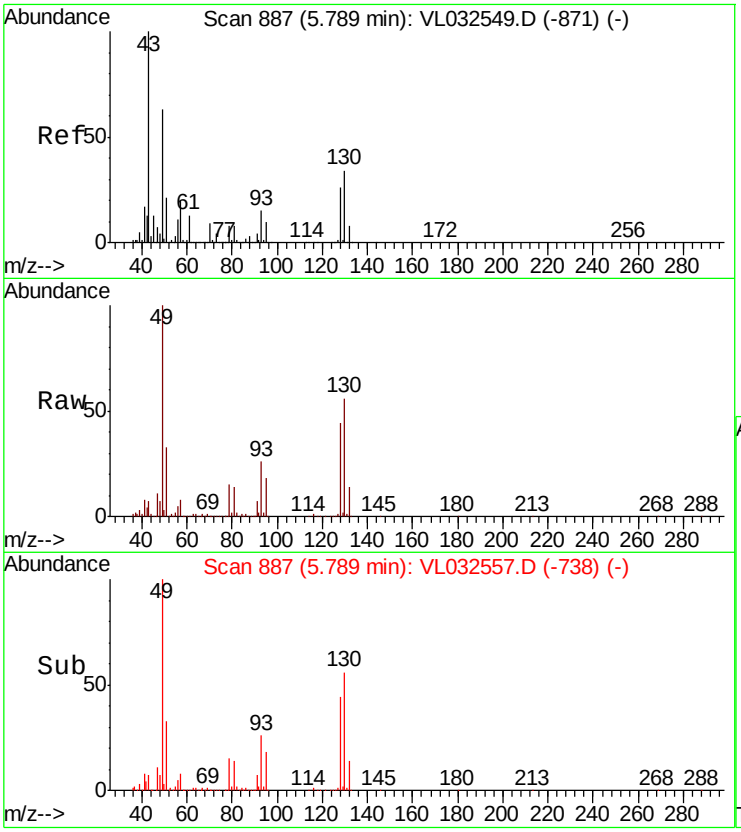
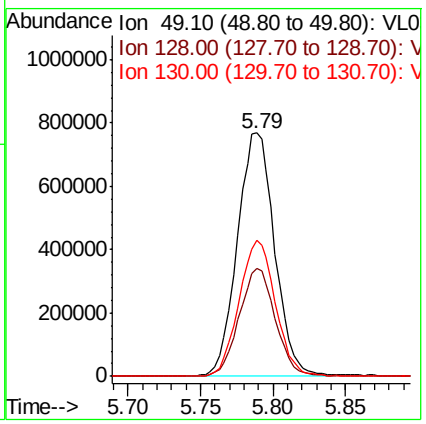




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 49 Resp: 1373435

Ion	Ratio	Lower	Upper
49	100		
128	43.4	20.7	62.1
130	55.1	26.6	79.7



Instrument :
MSVOA_L
ClientSampleId :
249

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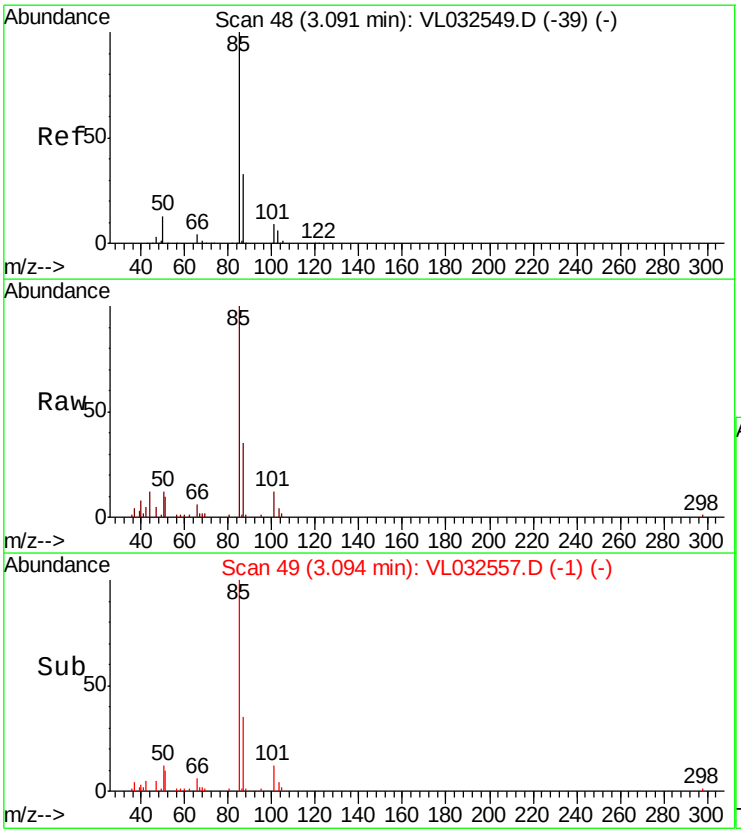
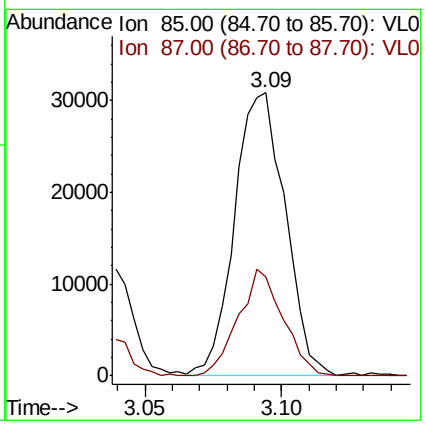
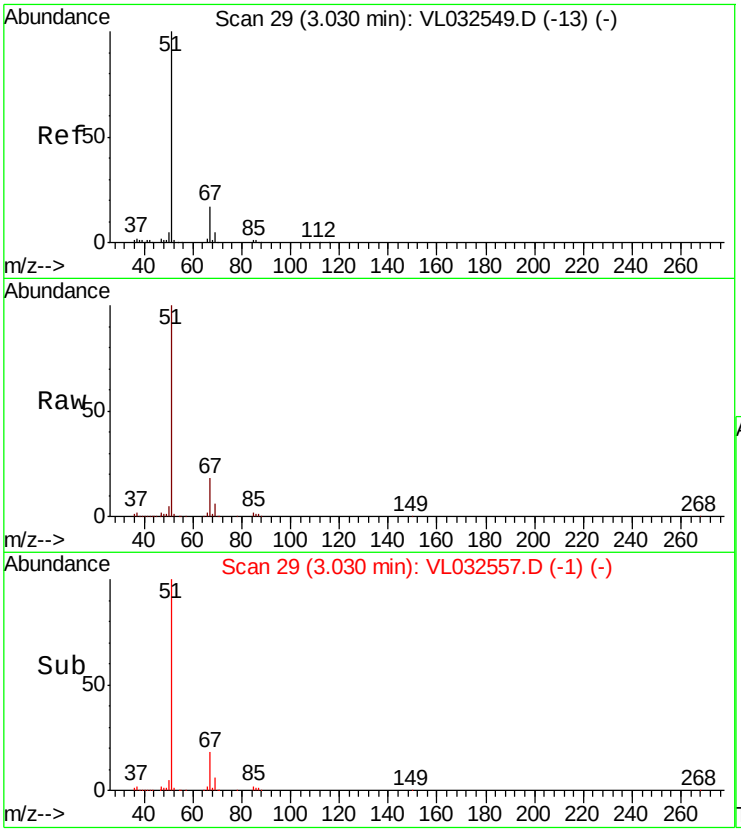


#2
Dichlorodifluoromethane
Concen: 0.313 ppbv
RT: 3.09 min Scan# 49
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 85 Resp: 39772

Ion	Ratio	Lower	Upper
85	100		
87	35.1	26.2	39.4

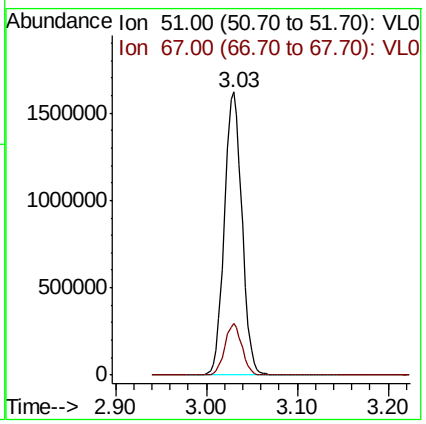




#3
Chlorodifluoromethane
Concen: 19.084 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 51 Resp: 2179662

Ion	Ratio	Lower	Upper
51	100		
67	17.9	13.8	20.8



Instrument :
MSVOA_L
ClientSampleId :
249

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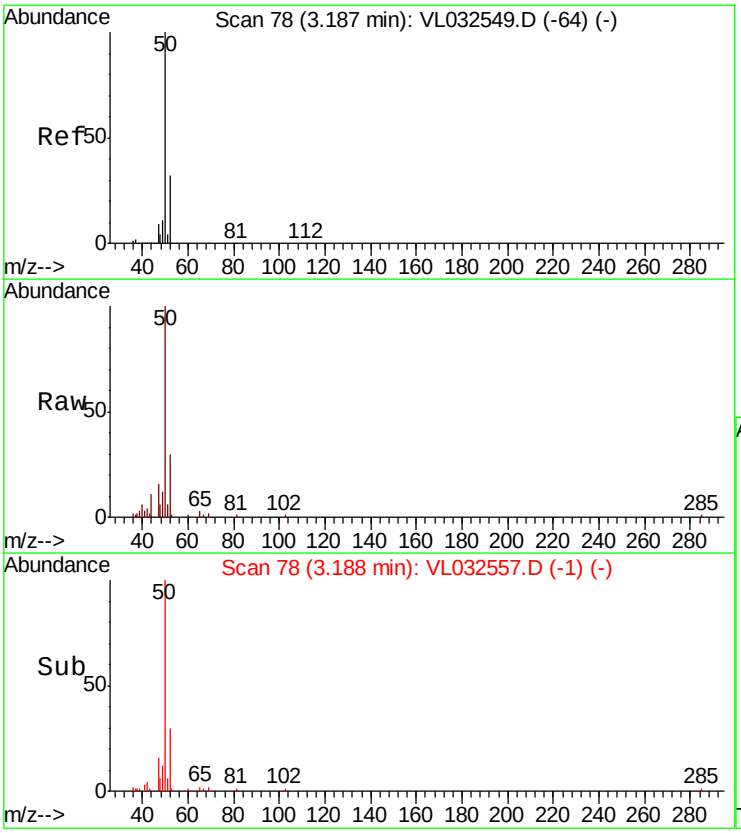
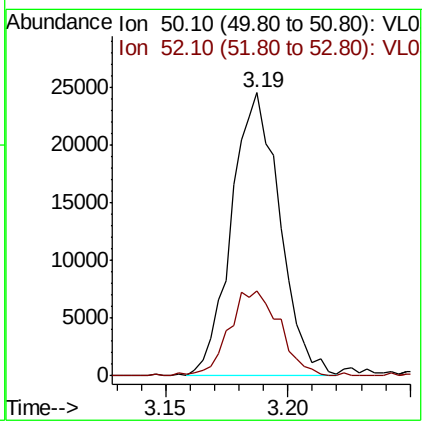
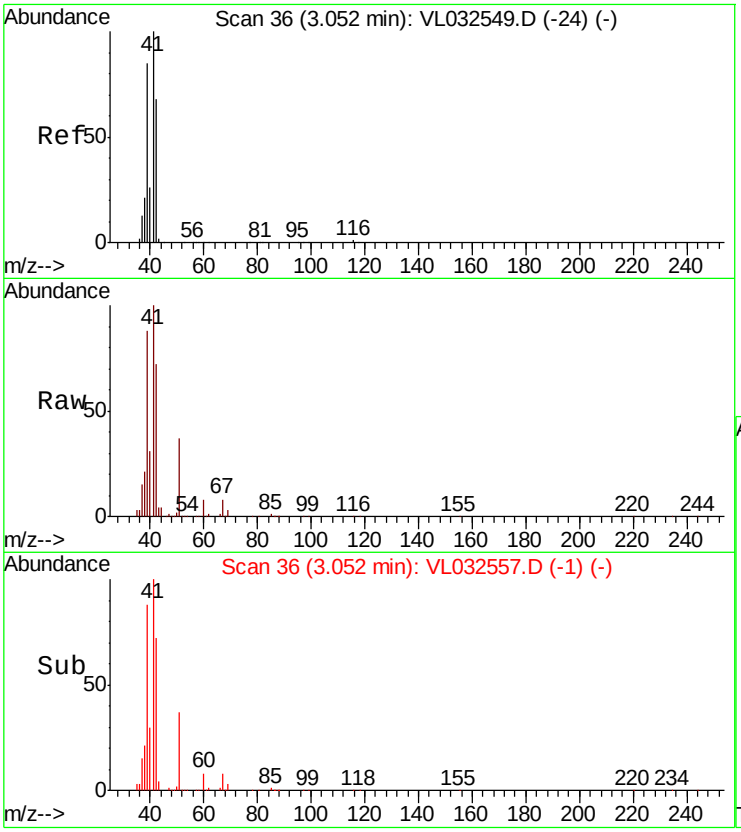


#4
Chloromethane
Concen: 0.508 ppbv
RT: 3.19 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 50 Resp: 33827

Ion	Ratio	Lower	Upper
50	100		
52	30.0	25.6	38.4





#9
Propene
Concen: 4.735 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 41 Resp: 234620

Ion	Ratio	Lower	Upper
41	100		
42	70.2	56.6	84.8

Instrument :
MSVOA_L
ClientSampleId :
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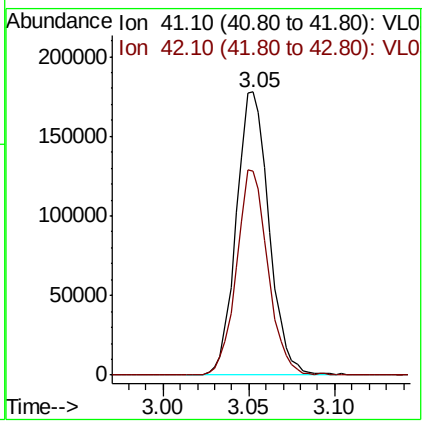
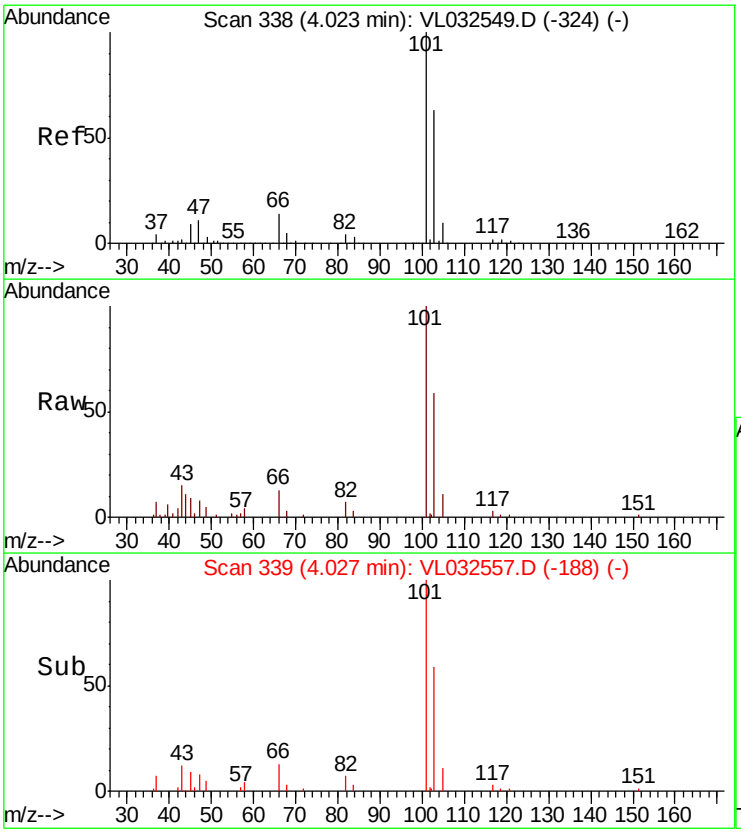
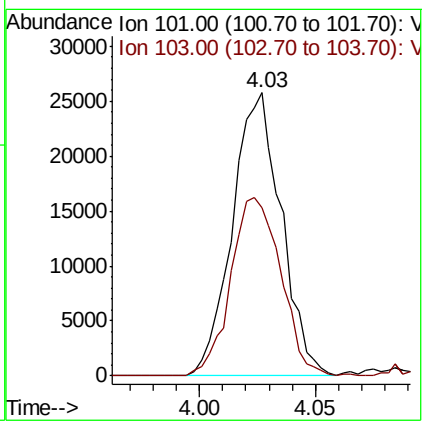


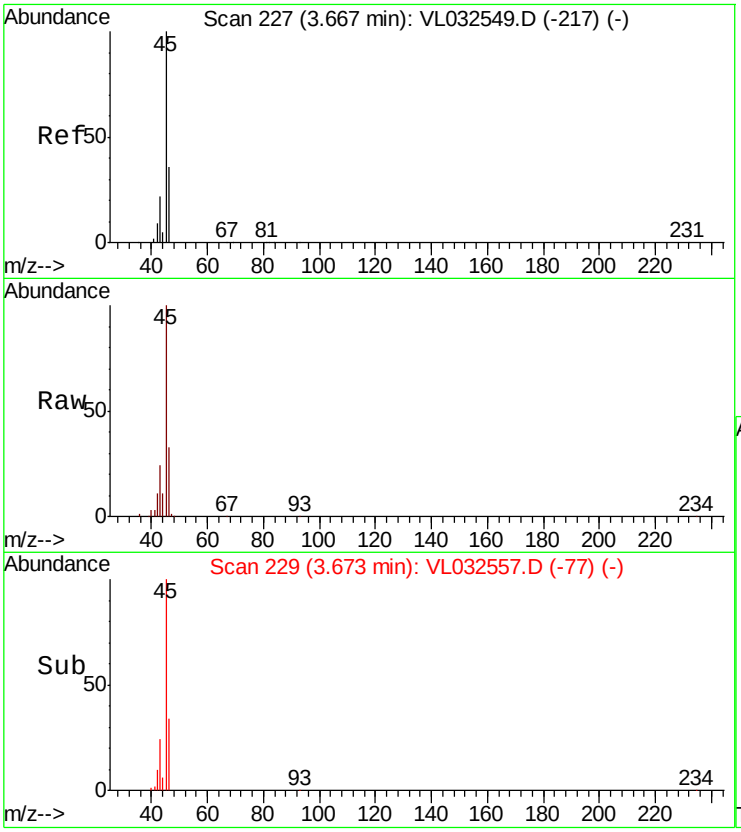


#11
Trichlorofluoromethane
Concen: 0.249 ppbv
RT: 4.03 min Scan# 339
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:101 Resp: 37637

Ion	Ratio	Lower	Upper
101	100		
103	59.4	52.8	79.2

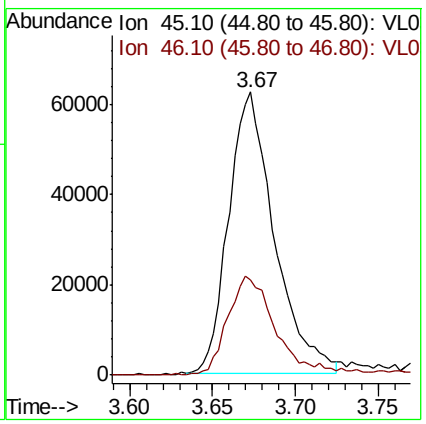




#13
Ethanol
Concen: 8.005 ppbv
RT: 3.67 min Scan# 229
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 45 Resp: 119233

Ion	Ratio	Lower	Upper
45	100		
46	37.2	14.2	56.8



Instrument :
MSVOA_L
ClientSampleId :
249

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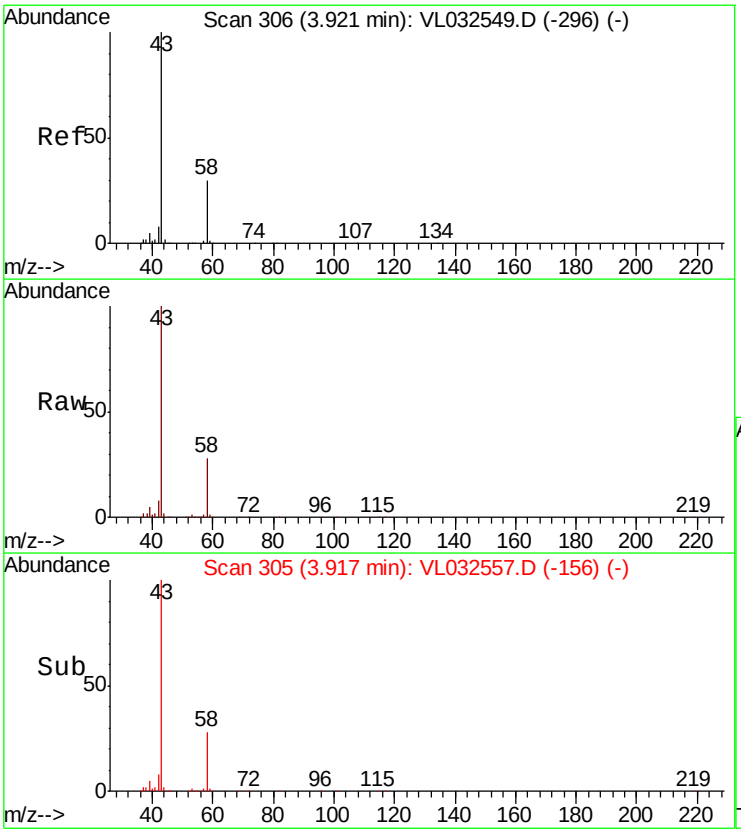
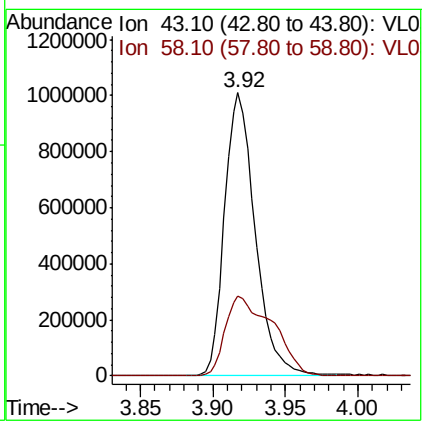
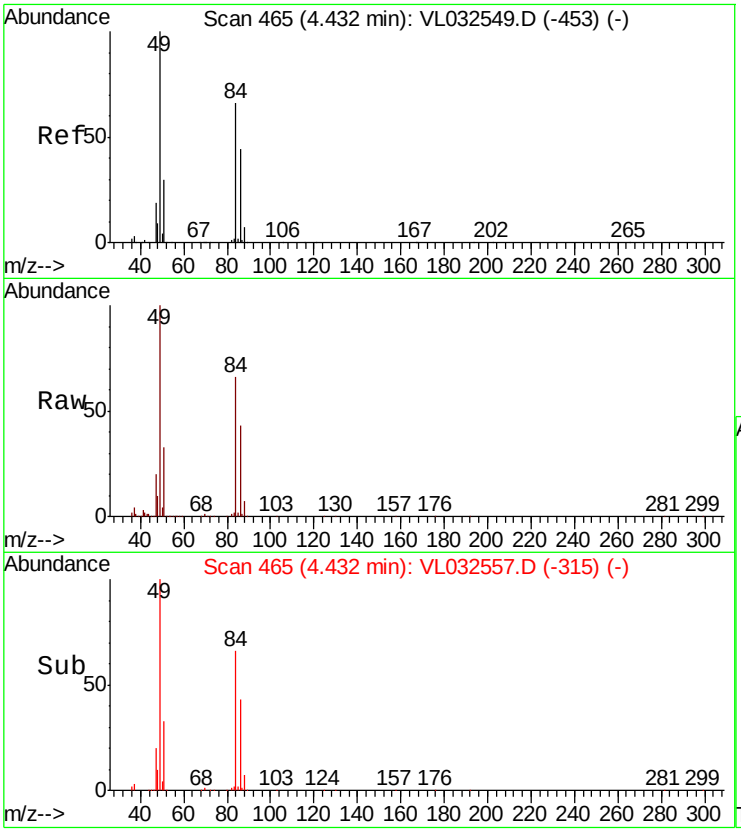


#15
Acetone
Concen: 12.289 ppbv
RT: 3.92 min Scan# 305
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 43 Resp: 1481473

Ion	Ratio	Lower	Upper
43	100		
58	43.9	22.6	33.8#

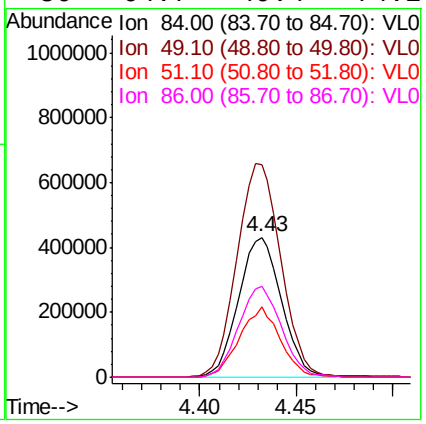




#20
Methylene Chloride
Concen: 11.436 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 84 Resp: 667638

Ion	Ratio	Lower	Upper
84	100		
49	151.7	119.1	178.7
51	49.9	35.2	52.8
86	64.7	49.4	74.2



Instrument :
MSVOA_L
ClientSampleId :
249

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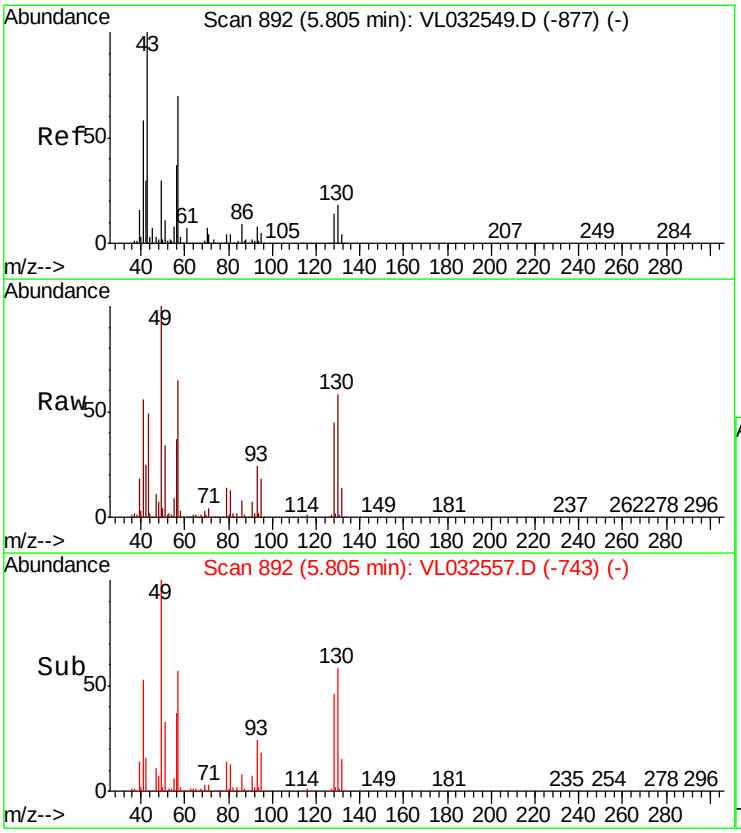
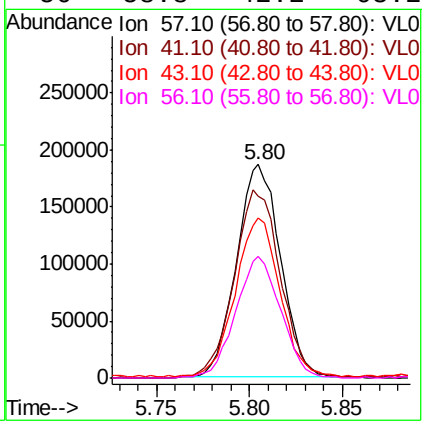
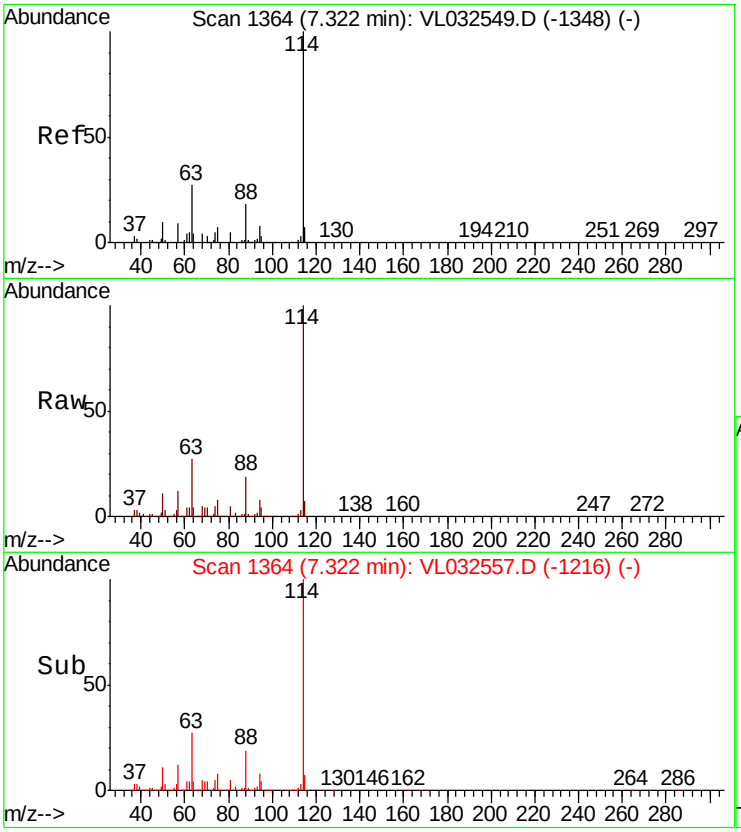


#26
Hexane
Concen: 2.324 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 57 Resp: 307031

Ion	Ratio	Lower	Upper
57	100		
41	93.1	69.0	103.4
43	75.7	172.1	258.1#
56	58.8	42.2	63.2

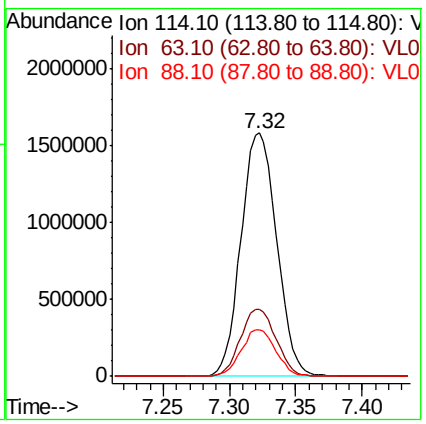




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:114 Resp: 2969329

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.4
88	18.6	15.0	22.4



Instrument :
MSVOA_L
ClientSampleId :
249

Manual Integrations APPROVED
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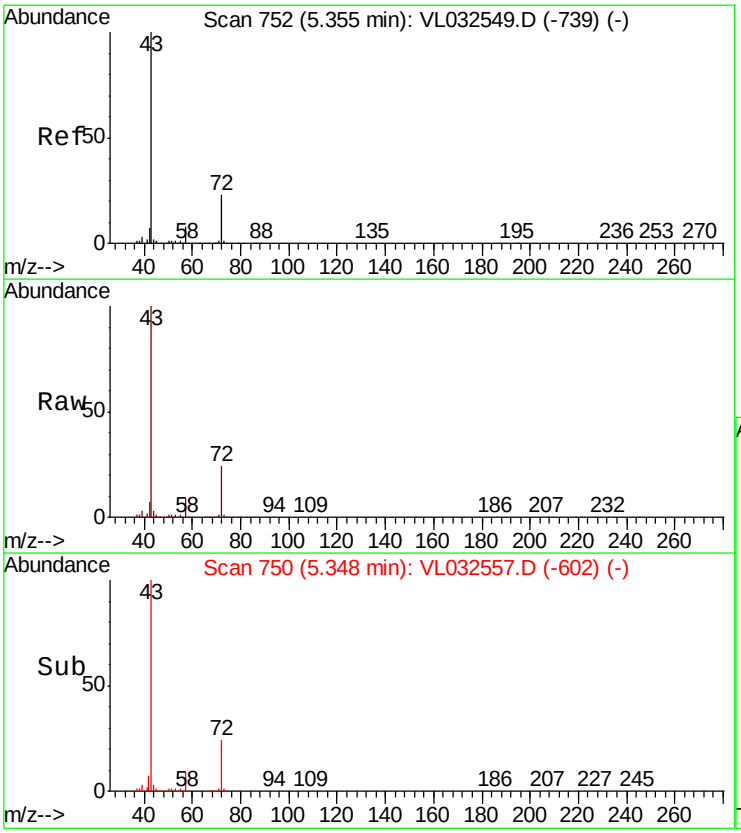
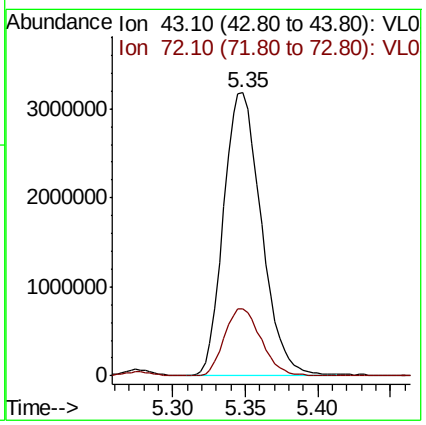
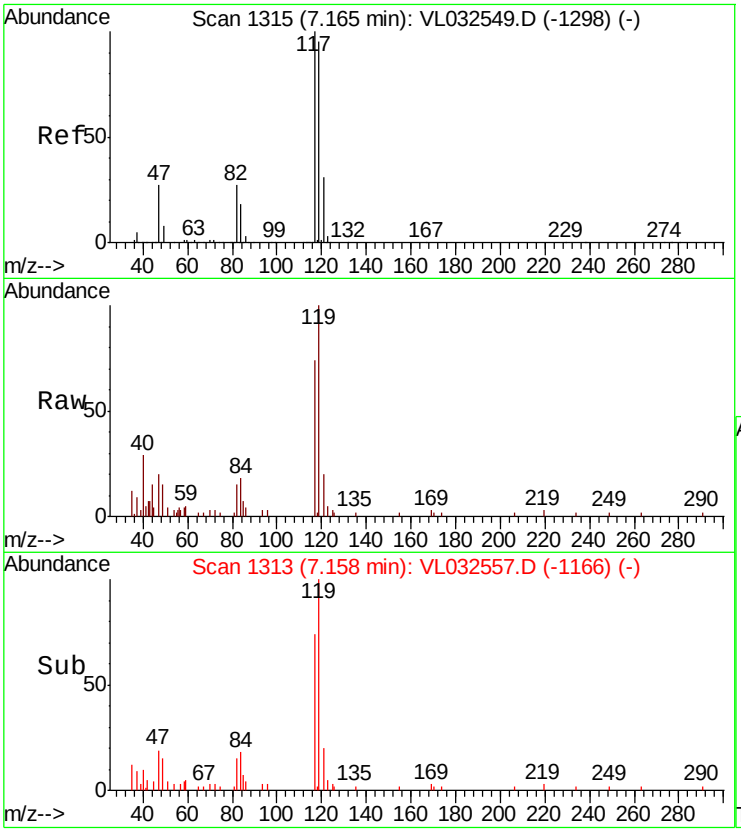


#34
2-Butanone
Concen: 32.493 ppbv
RT: 5.35 min Scan# 750
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 43 Resp: 5745553

Ion	Ratio	Lower	Upper
43	100		
72	23.3	17.8	26.6

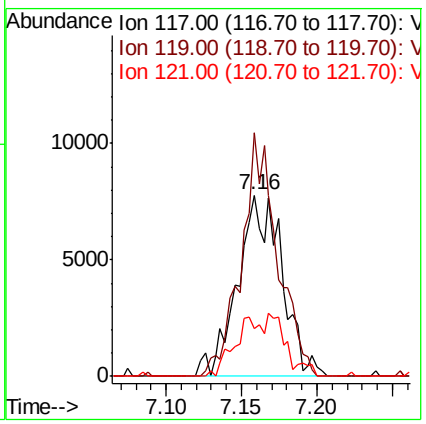




#35
Carbon Tetrachloride
Concen: 0.077 ppbv m
RT: 7.16 min Scan# 1313
Delta R.T. -0.03 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:117 Resp: 15814

Ion	Ratio	Lower	Upper
117	100		
119	134.6	76.6	115.0#
121	26.4	24.6	36.8



Instrument :
MSVOA_L
ClientSampleId :
249

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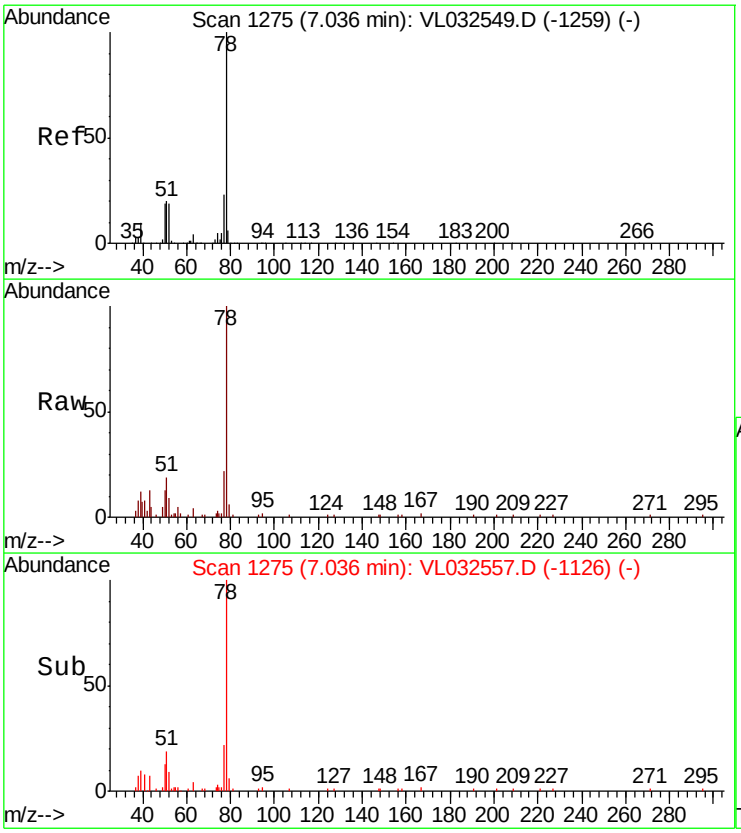
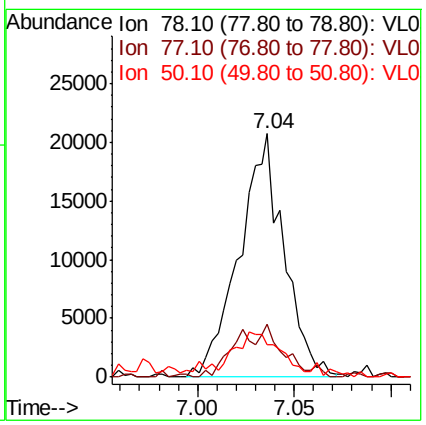
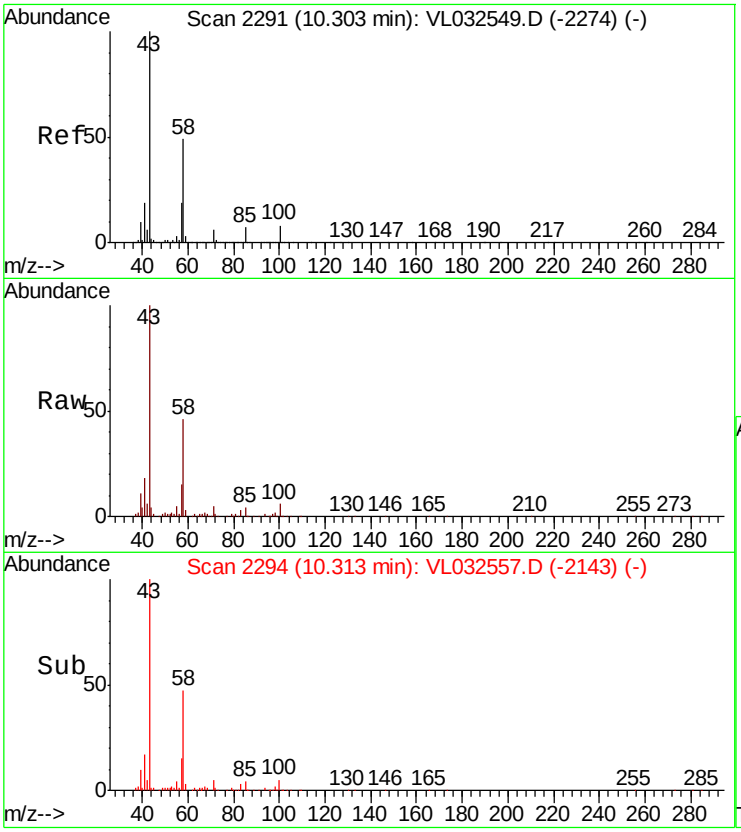


#36
Benzene
Concen: 0.139 ppbv
RT: 7.04 min Scan# 1275
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 78 Resp: 33393

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.4	27.6
50	10.8	14.4	21.6#





#51
2-Hexanone
Concen: 0.885 ppbv
RT: 10.31 min Scan# 2294
Delta R.T. -0.01 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 43 Resp: 203535

Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.2	58.8
98	1.8	0.4	0.6#

Instrument :
MSVOA_L
ClientSampleId :
249

Manual Integrations APPROVED
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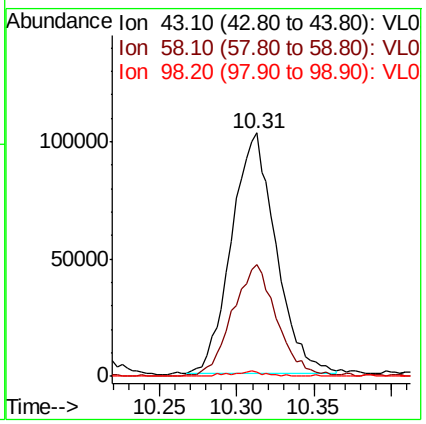
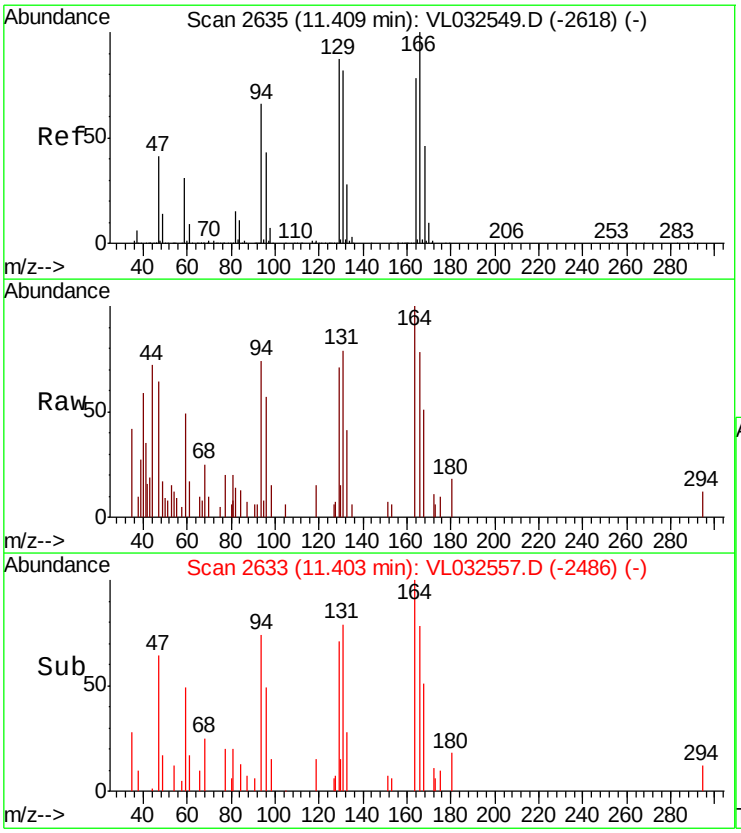
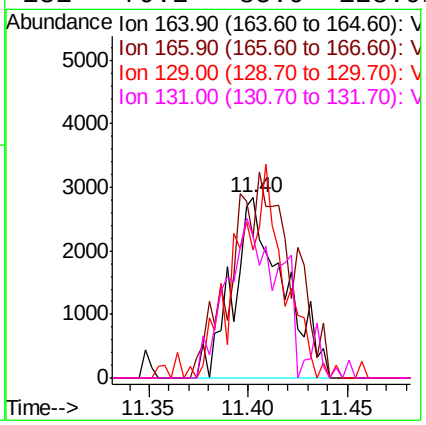


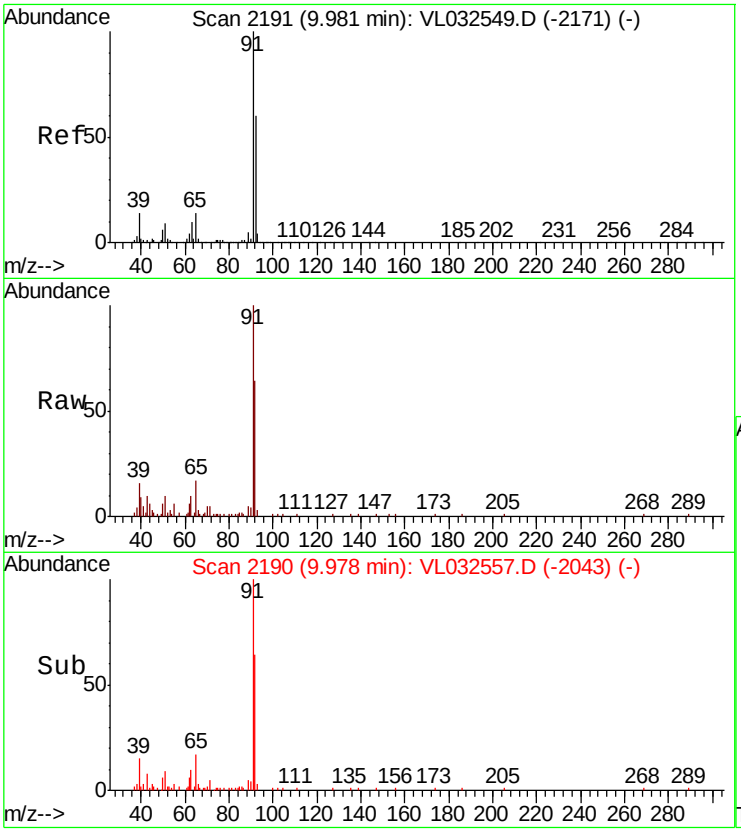


#52
Tetrachloroethene
Concen: 0.060 ppbv m
RT: 11.40 min Scan# 2633
Delta R.T. -0.03 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:164 Resp: 4989

Ion	Ratio	Lower	Upper
164	100		
166	78.0	100.6	150.8#
129	71.4	89.9	134.9#
131	79.2	85.9	128.9#





#53
Toluene
Concen: 0.194 ppbv
RT: 9.98 min Scan# 2190
Delta R.T. -0.03 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 91 Resp: 56786

Ion	Ratio	Lower	Upper
91	100		
92	63.6	48.1	72.1

Instrument :
MSVOA_L
ClientSampleId :
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Manual Integrations APPROVED
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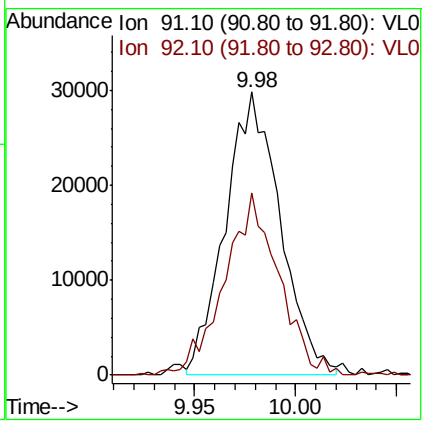
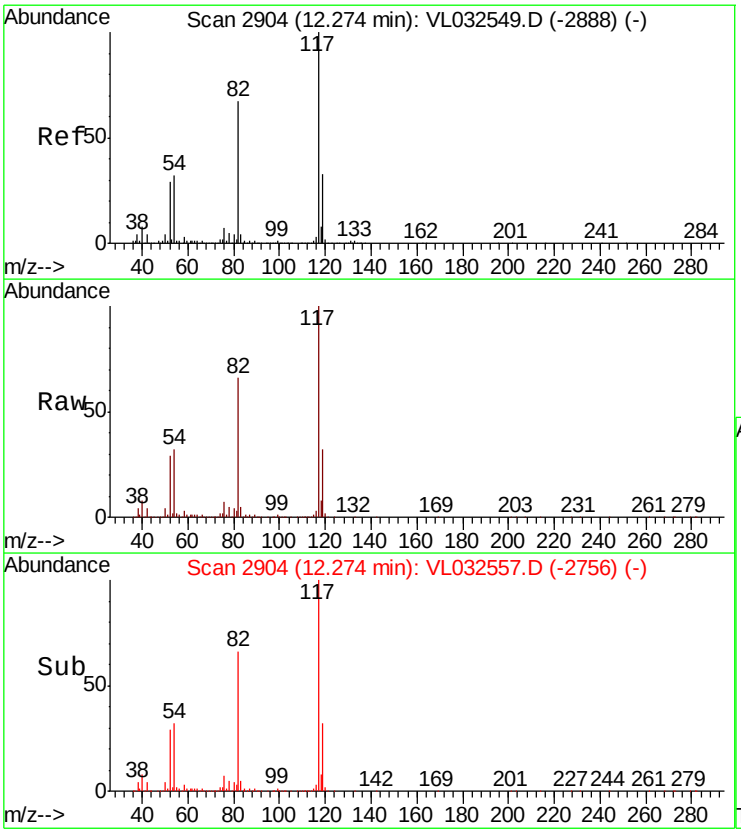
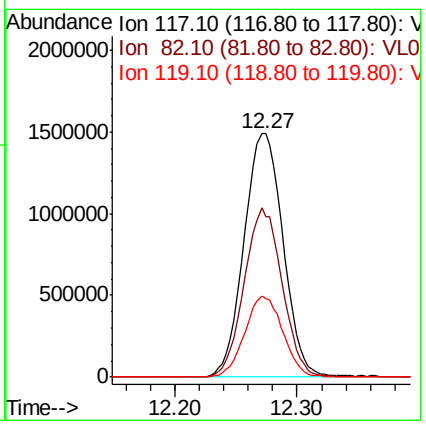


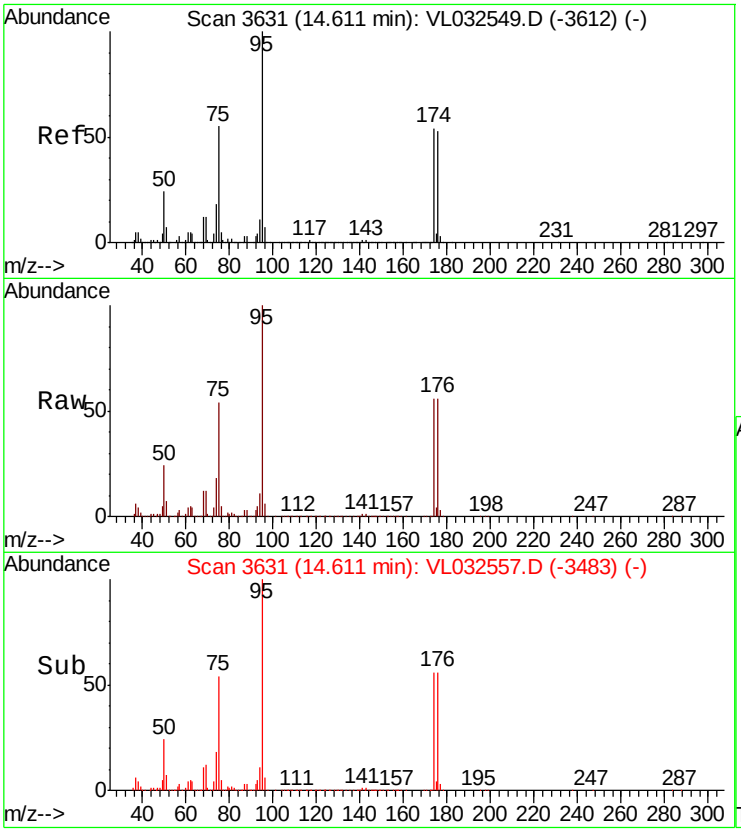


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:117 Resp: 3296570

Ion	Ratio	Lower	Upper
117	100		
82	67.9	53.0	79.6
119	32.5	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.210 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion: 95 Resp: 2289683

Ion	Ratio	Lower	Upper
95	100		
174	57.7	46.3	69.5
175	4.1	3.4	5.0

Instrument :
MSVOA_L
ClientSampleId :
249

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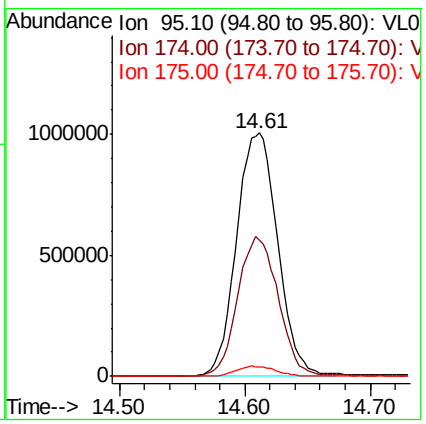
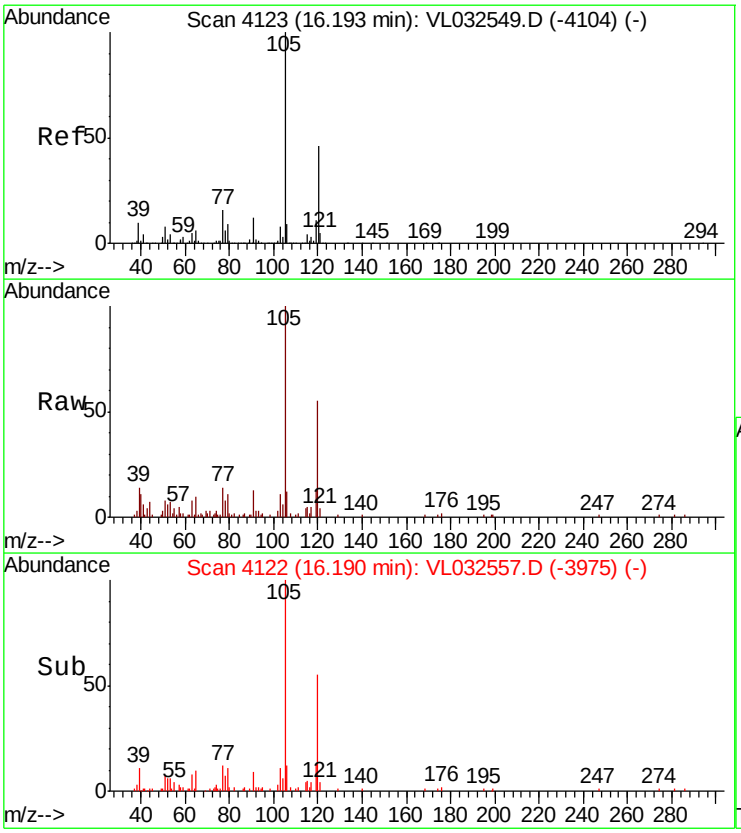
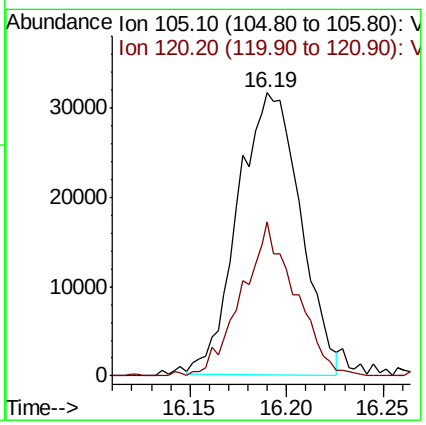


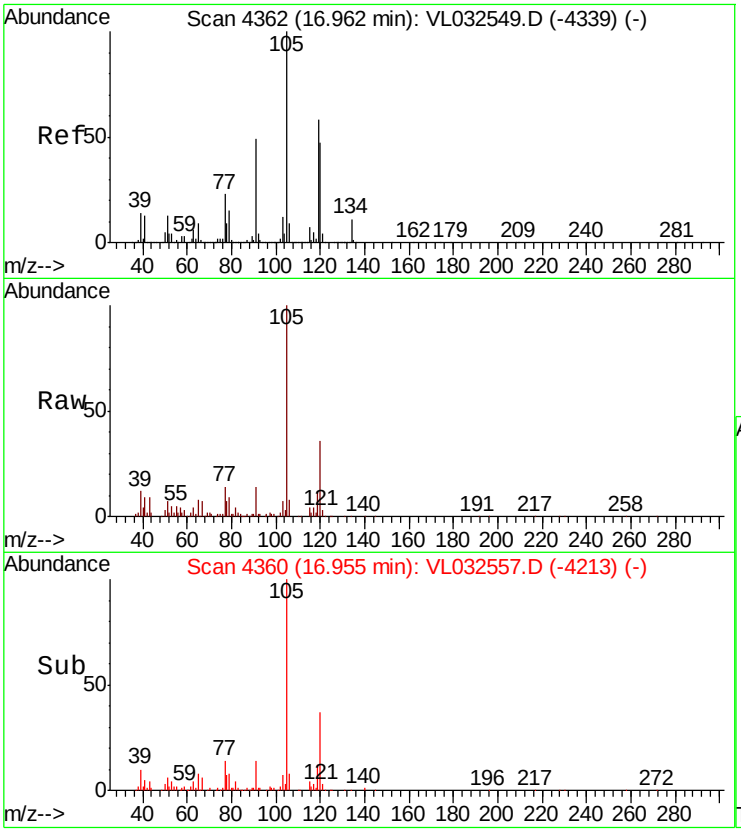


#73
1,3,5-Trimethylbenzene
Concen: 0.194 ppbv
RT: 16.19 min Scan# 4122
Delta R.T. -0.03 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:105 Resp: 70860

Ion	Ratio	Lower	Upper
105	100		
120	55.4	37.9	56.9

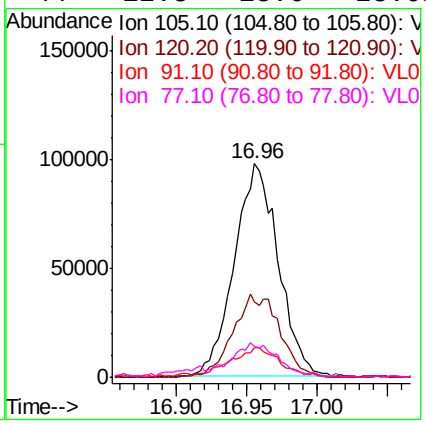




#74
1,2,4-Trimethylbenzene
Concen: 0.540 ppbv
RT: 16.96 min Scan# 4360
Delta R.T. -0.03 min
Lab File: VL032557.D
Acq: 27 Sep 2018 20:09

Tgt Ion:105 Resp: 212629

Ion	Ratio	Lower	Upper
105	100		
120	35.5	37.8	56.8#
91	13.4	41.4	62.0#
77	12.3	18.6	28.0#



Instrument :
MSVOA_L
ClientSampleId :
249

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