Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\
Data File : VL031872.D
Acq On : 12 Apr 2018 19:25
Operator : SY/AP
Sample : J2191-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSDS-INF-040218DL

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:07:45 PM

Quant Time: Apr 14 03:45:32 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 1
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1272606	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	2728150	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2584470	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	2078009	10.00	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.17	85	143198	0.546	ppbv		94
9) Propene	3.14	41	43290m	0.846	ppbv		
10) Heptane	8.39	43	28221m	0.170	ppbv		
11) Trichlorofluoromethane	4.11	101	254654	0.990	ppbv		97
13) Ethanol	3.75	45	337752	19.446	ppbv		99
15) Acetone	4.01	43	432591	2.209	ppbv		100
20) Methylene Chloride	4.52	84	84725	1.188	ppbv		96
26) Hexane	5.91	57	51272	0.360	ppbv	#	45
29) Chloroform	5.98	83	32001m	0.133	ppbv		
30) Cyclohexane	7.40	84	42966m	0.422	ppbv		
32) 1,1,1-Trichloroethane	6.76	97	10311m	0.044	ppbv		
34) 2-Butanone	5.47	43	22103m	0.117	ppbv		
53) Toluene	10.10	91	423192	1.546	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\
Data File : VL031872.D
Acq On : 12 Apr 2018 19:25
Operator : SY/AP
Sample : J2191-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 14 03:45:32 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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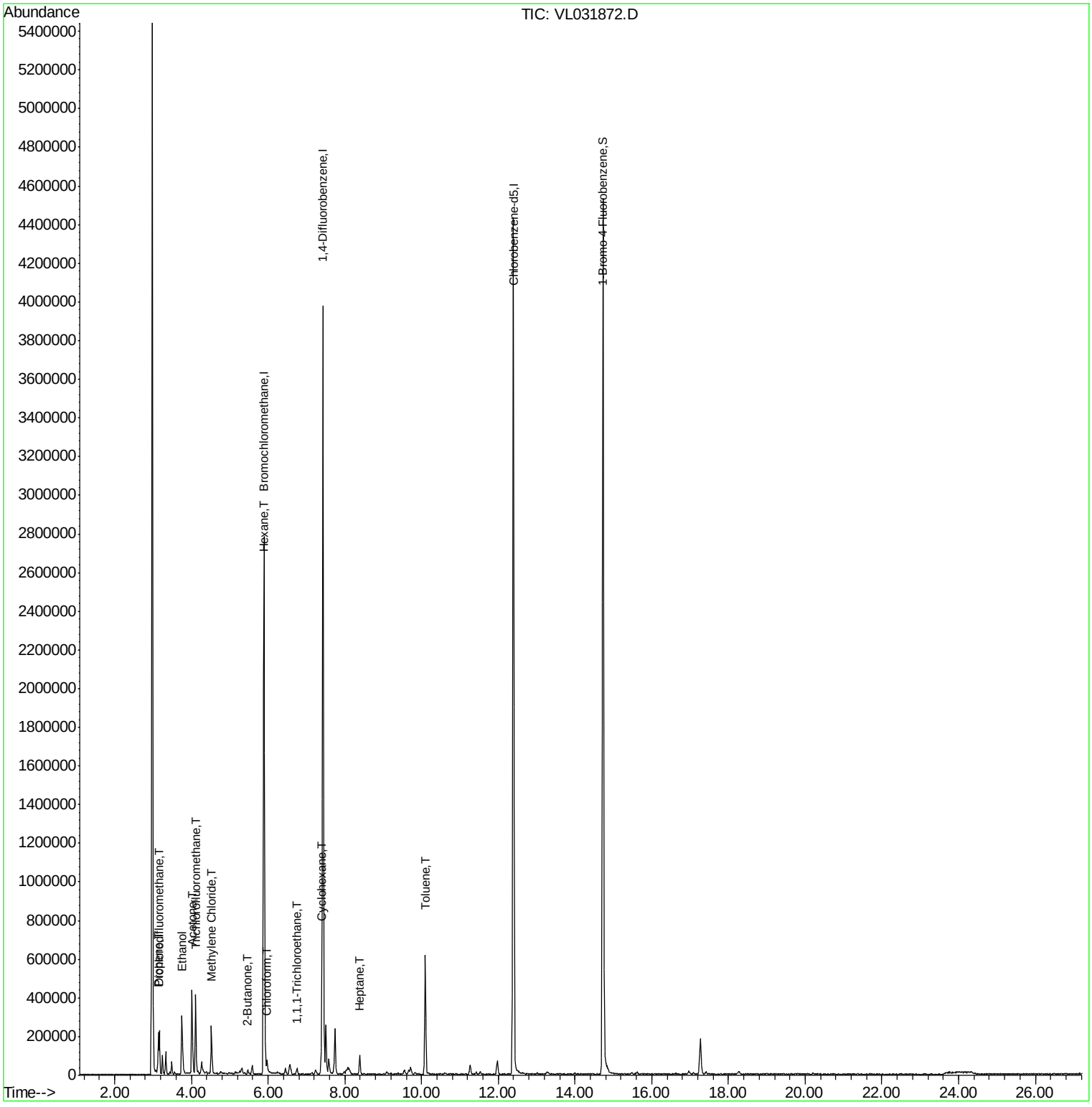
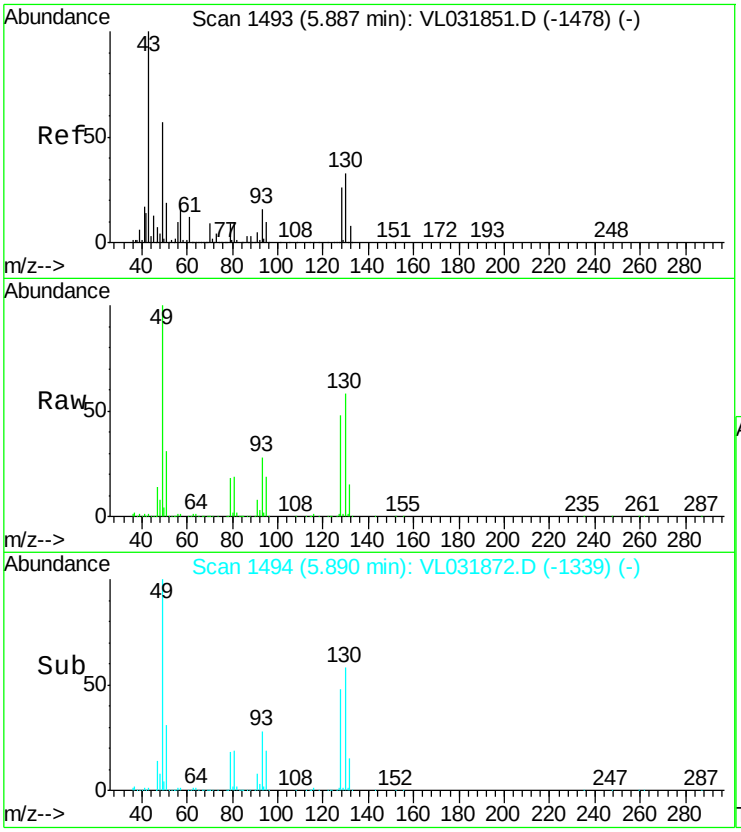
4/15/2018 3:07:45 PM

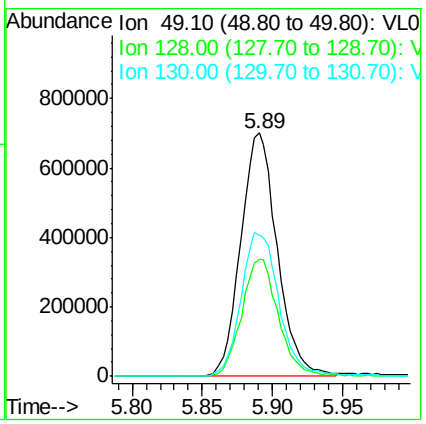




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 49 Resp: 1272606

Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.9	71.7
130	62.0	30.9	92.7



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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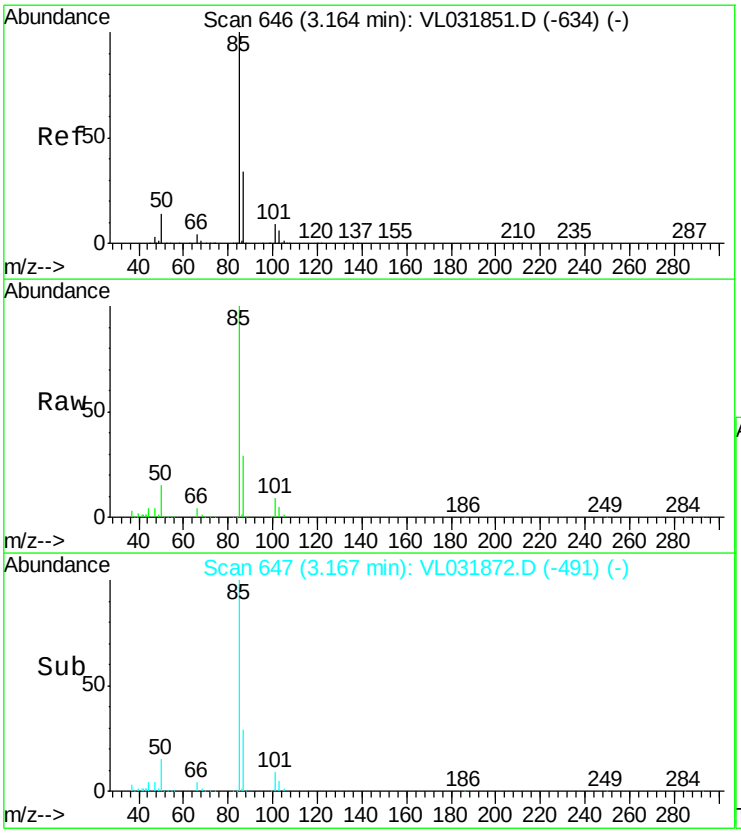
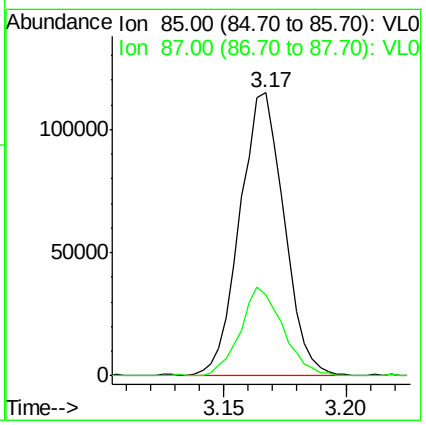
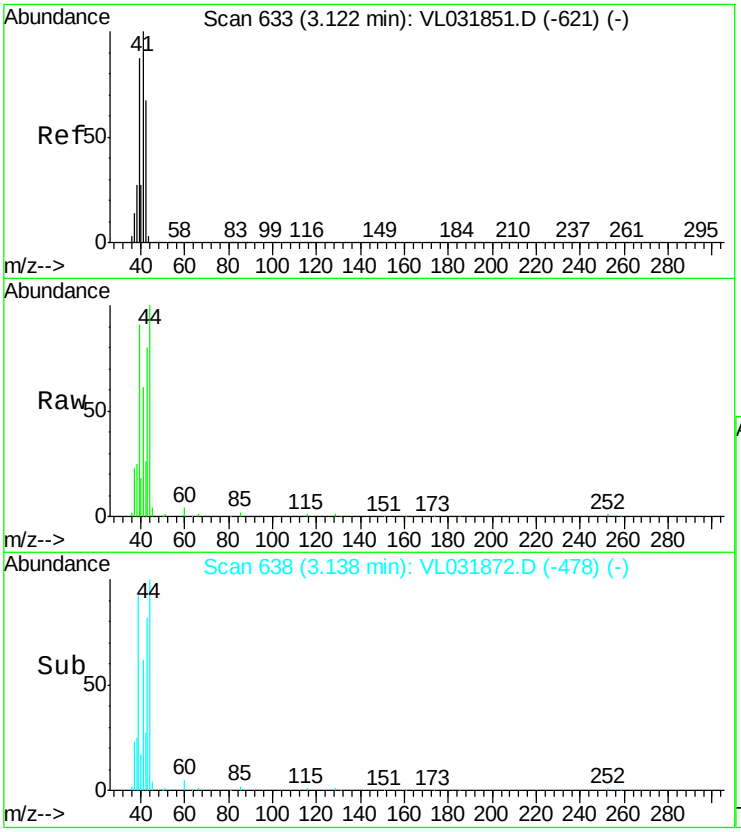


#2
Dichlorodifluoromethane
Concen: 0.546 ppbv
RT: 3.17 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 85 Resp: 143198

Ion	Ratio	Lower	Upper
85	100		
87	28.8	25.9	38.9





#9
Propene
Concen: 0.846 ppbv m
RT: 3.14 min Scan# 638
Delta R.T. 0.02 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 41 Resp: 43290

Ion	Ratio	Lower	Upper
41	100		
42	50.6	55.0	82.4#

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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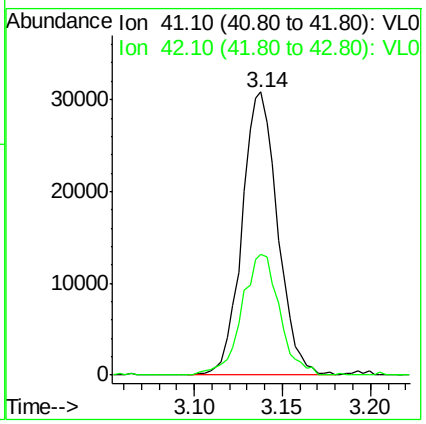
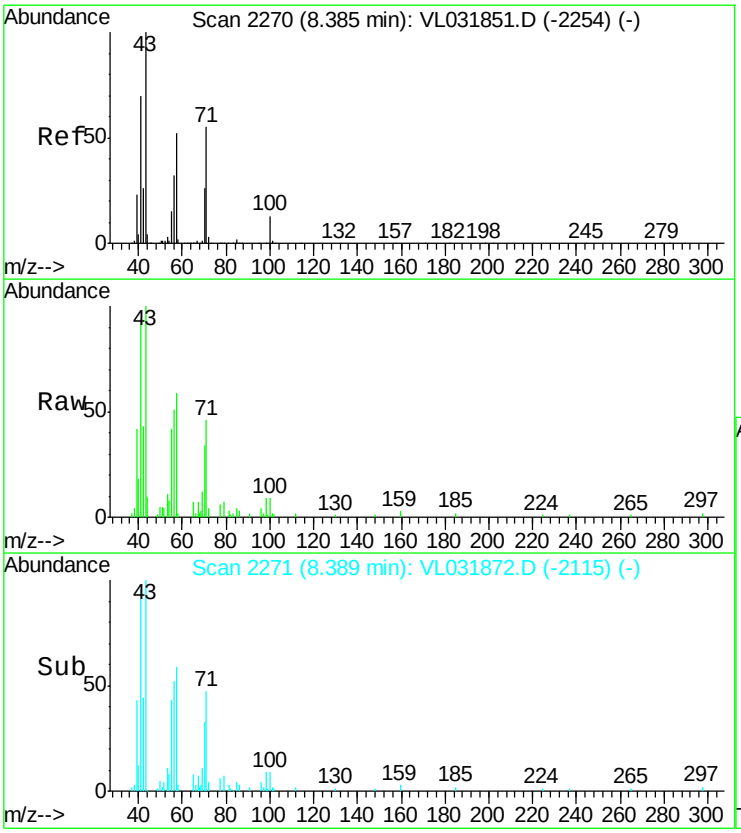
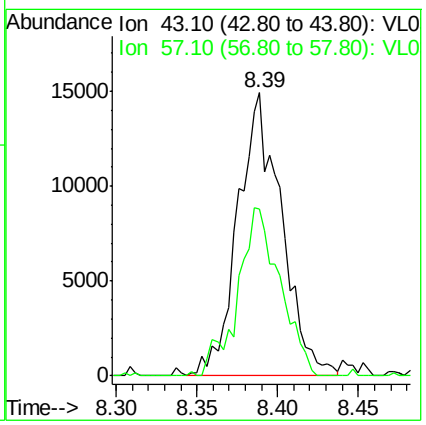


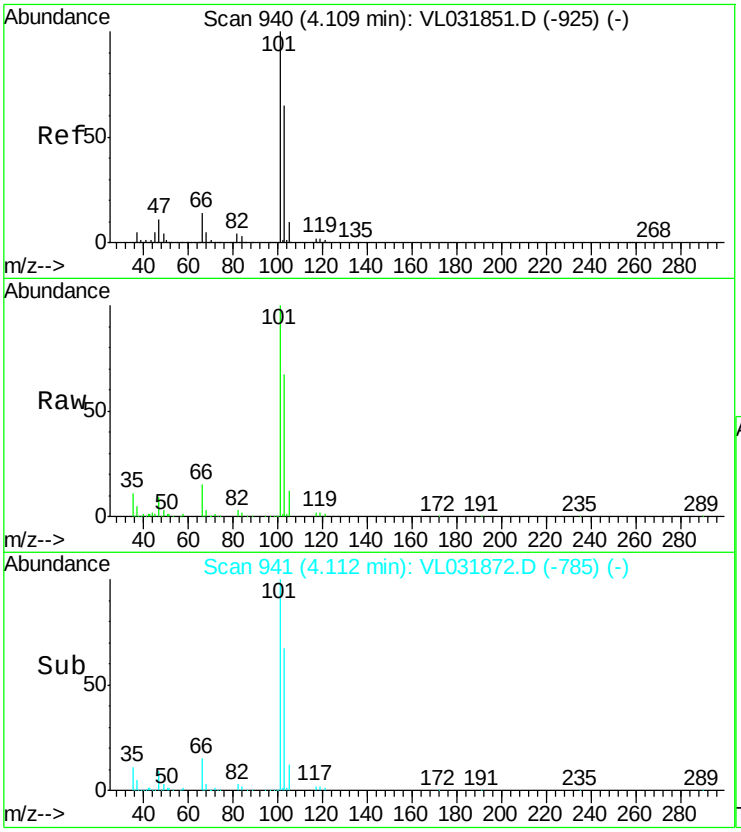


#10
Heptane
Concen: 0.170 ppbv m
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 43 Resp: 28221

Ion	Ratio	Lower	Upper
43	100		
57	57.5	41.5	62.3

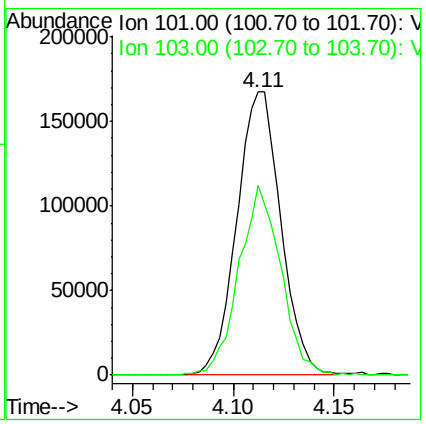




#11
Trichlorofluoromethane
Concen: 0.990 ppbv
RT: 4.11 min Scan# 941
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion:101 Resp: 254654

Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.8	77.8



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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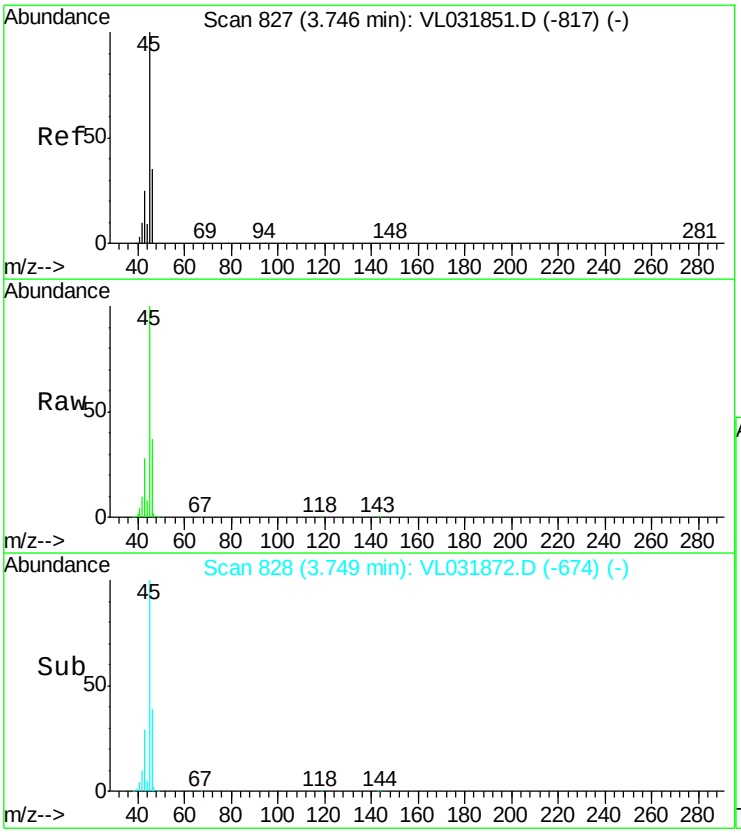
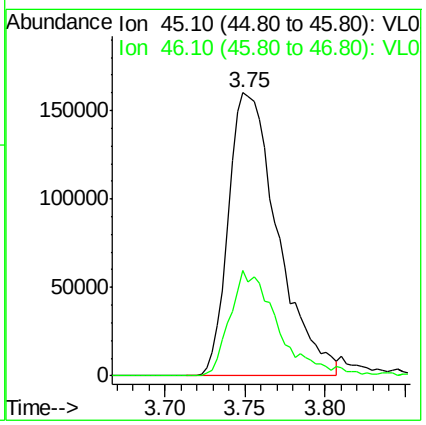
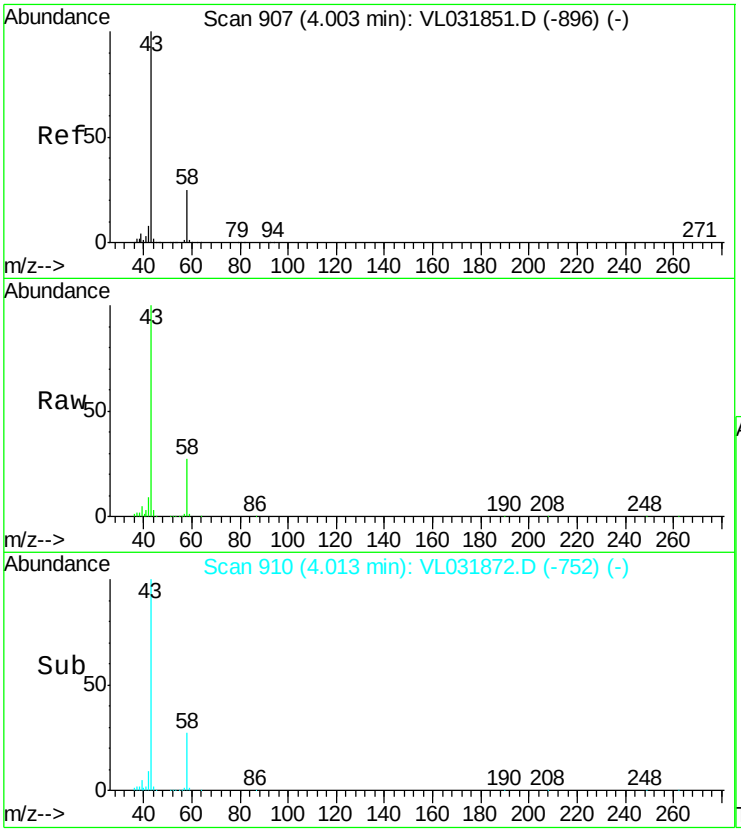


#13
Ethanol
Concen: 19.446 ppbv
RT: 3.75 min Scan# 828
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 45 Resp: 337752

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.6	58.6

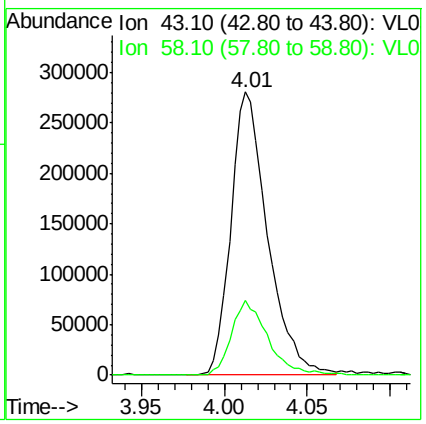




#15
Acetone
Concen: 2.209 ppbv
RT: 4.01 min Scan# 910
Delta R.T. 0.01 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 43 Resp: 432591

Ion	Ratio	Lower	Upper
43	100		
58	26.3	20.9	31.3



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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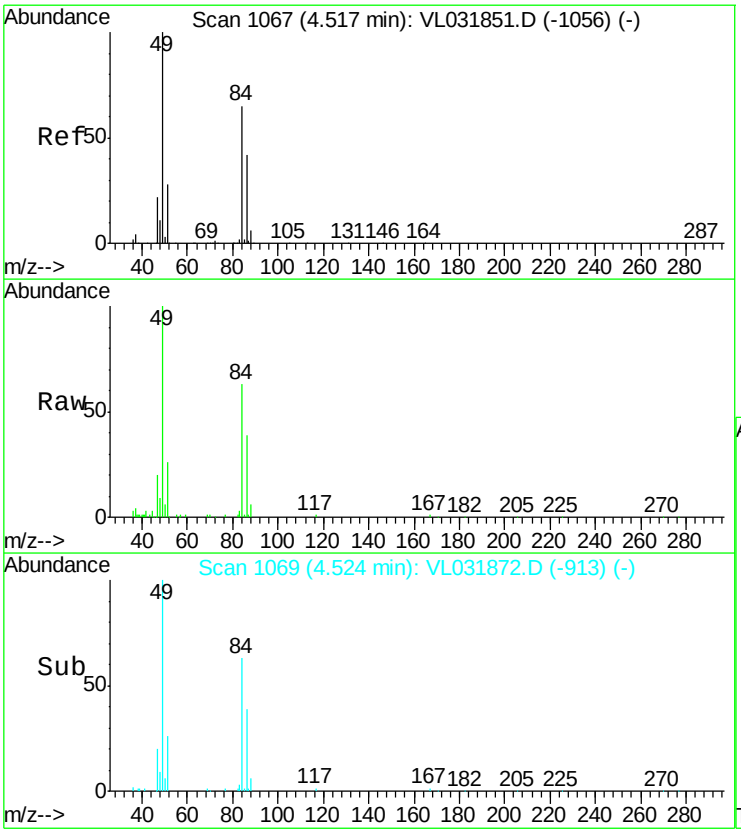
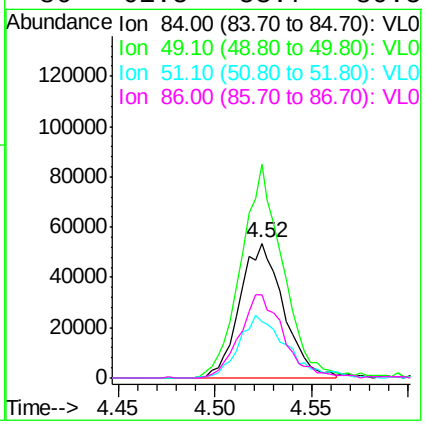
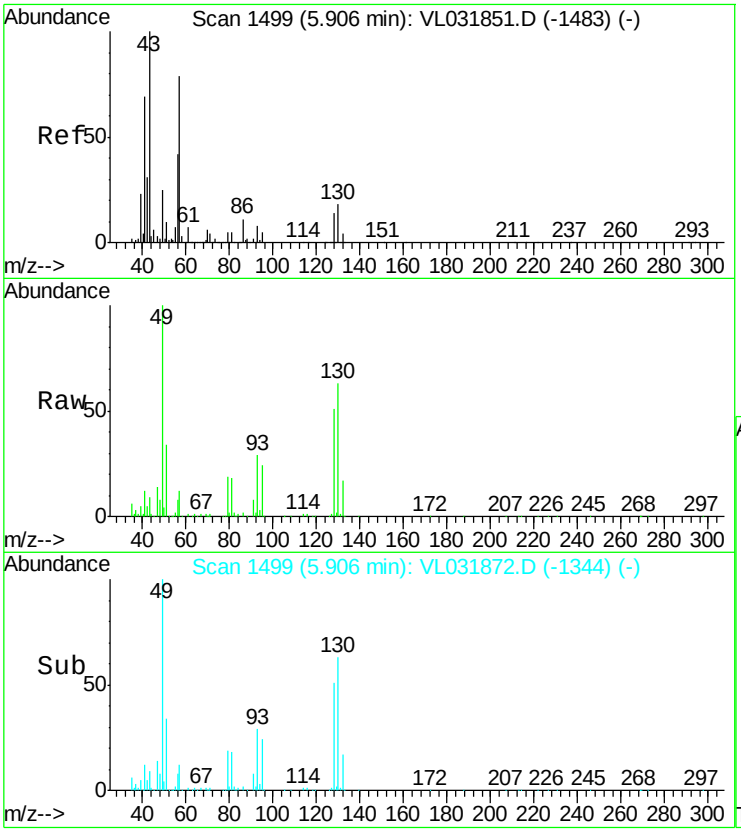


#20
Methylene Chloride
Concen: 1.188 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 84 Resp: 84725

Ion	Ratio	Lower	Upper
84	100		
49	158.7	125.6	188.4
51	41.5	36.4	54.6
86	61.5	53.7	80.5

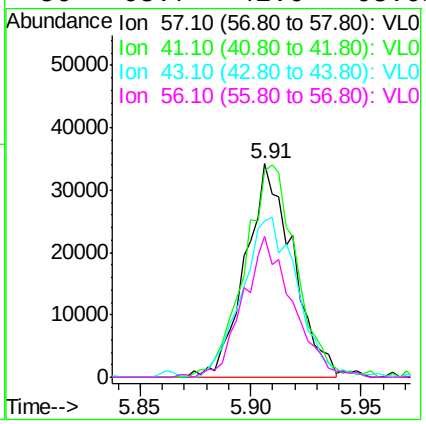




#26
Hexane
Concen: 0.360 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 57 Resp: 51272

Ion	Ratio	Lower	Upper
57	100		
41	109.0	72.0	108.0#
43	89.2	169.8	254.8#
56	68.7	42.0	63.0#



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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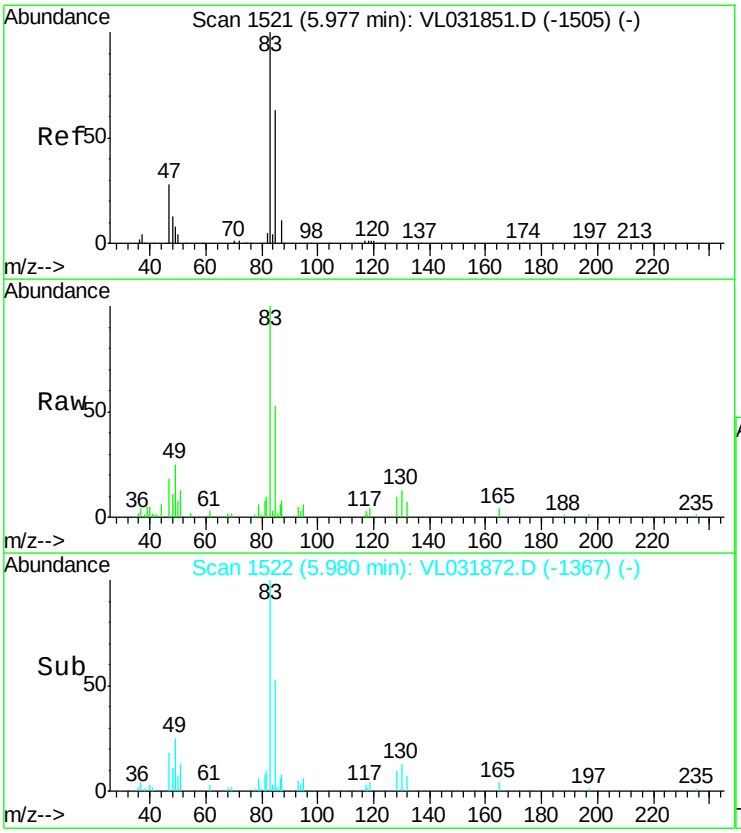
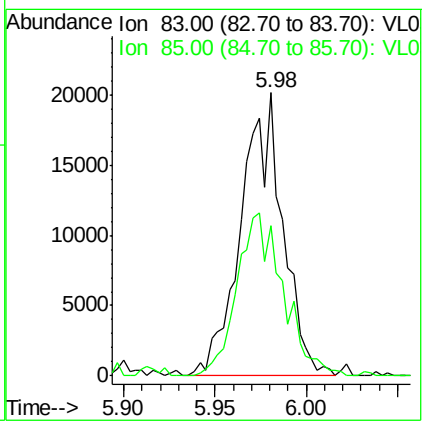
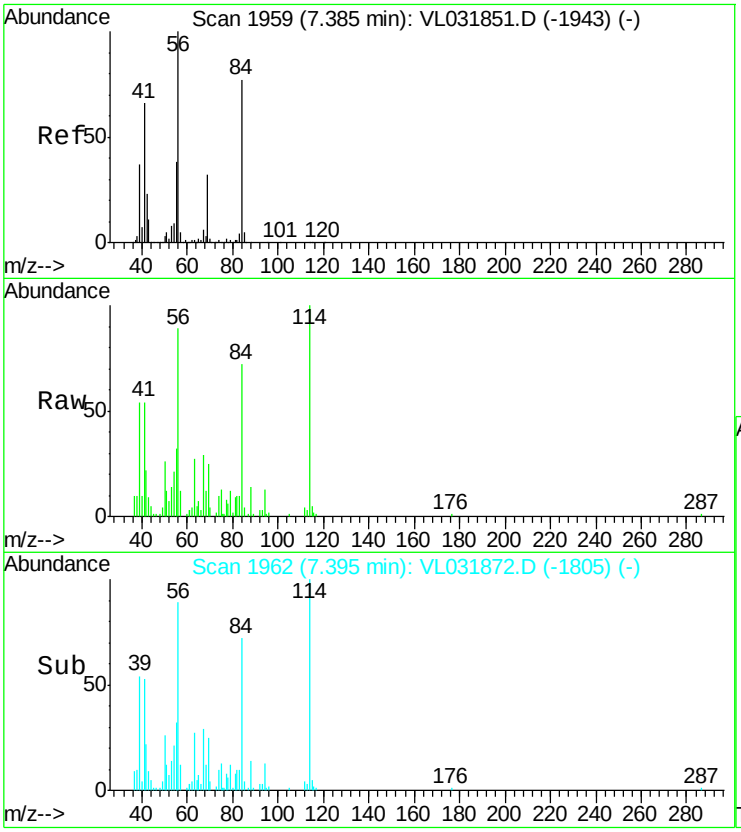


#29
Chloroform
Concen: 0.133 ppbv m
RT: 5.98 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 83 Resp: 32001

Ion	Ratio	Lower	Upper
83	100		
85	52.9	51.4	77.0

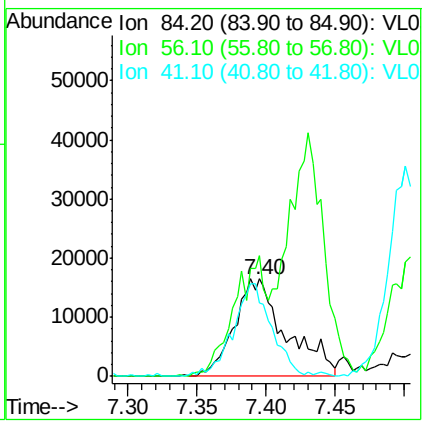




#30
Cyclohexane
Concen: 0.422 ppbv m
RT: 7.40 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 84 Resp: 42966

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	71.7	68.2	102.2



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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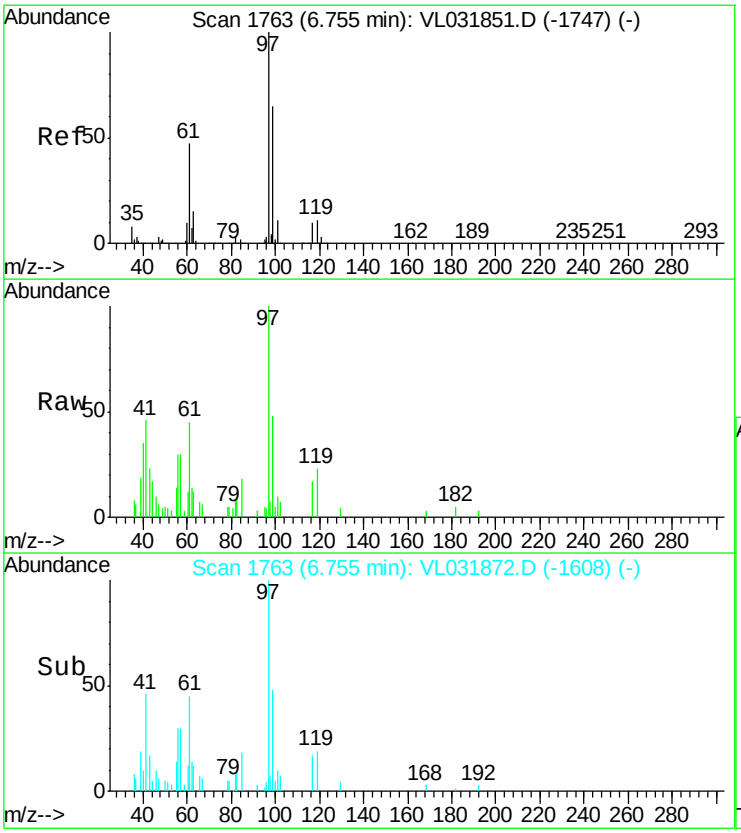
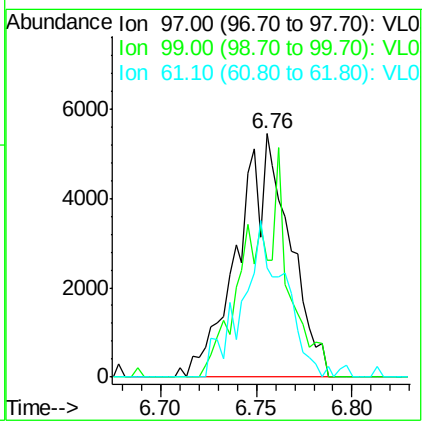
4/15/2018 3:07:45 PM

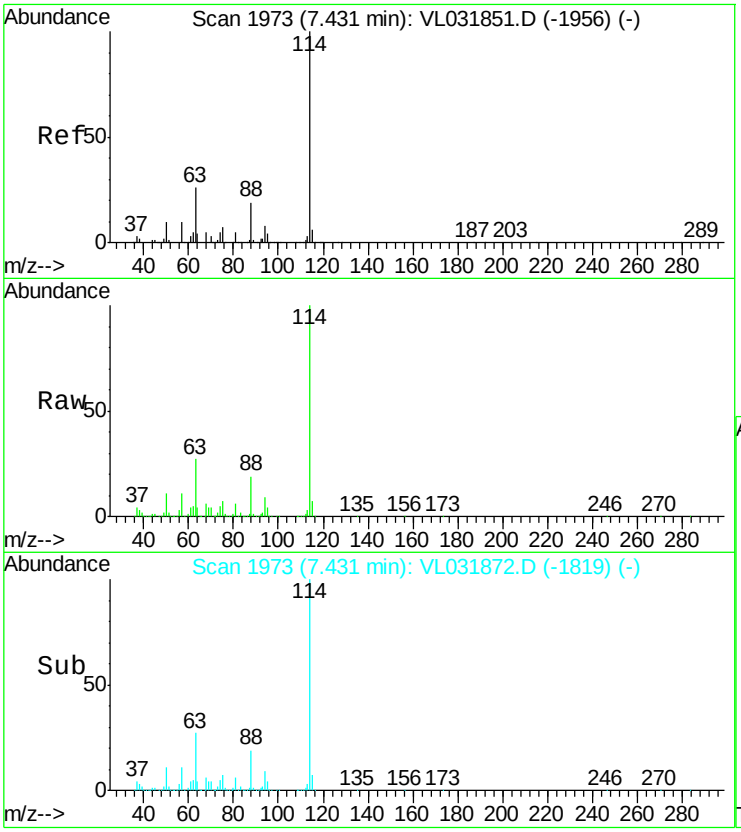


#32
1,1,1-Trichloroethane
Concen: 0.044 ppbv m
RT: 6.76 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 97 Resp: 10311

Ion	Ratio	Lower	Upper
97	100		
99	68.4	51.5	77.3
61	52.9	40.0	60.0

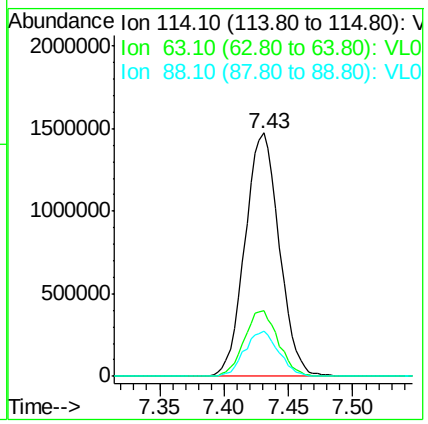




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion:114 Resp: 2728150

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.8	32.6
88	18.6	14.6	22.0



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
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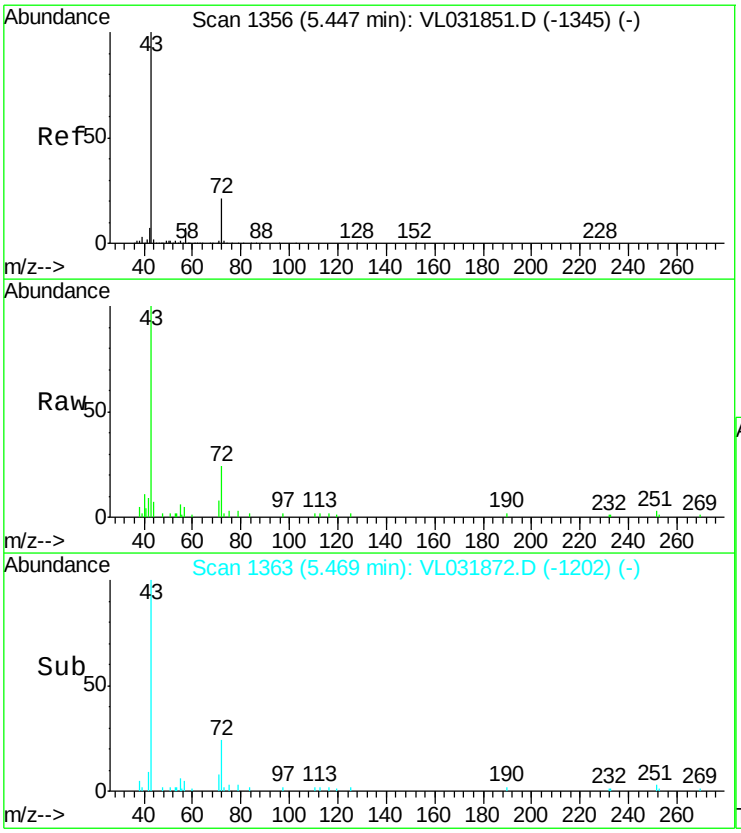
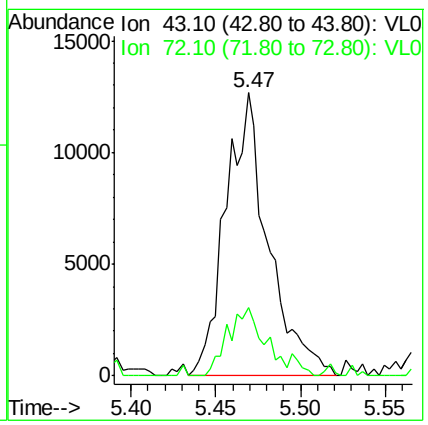
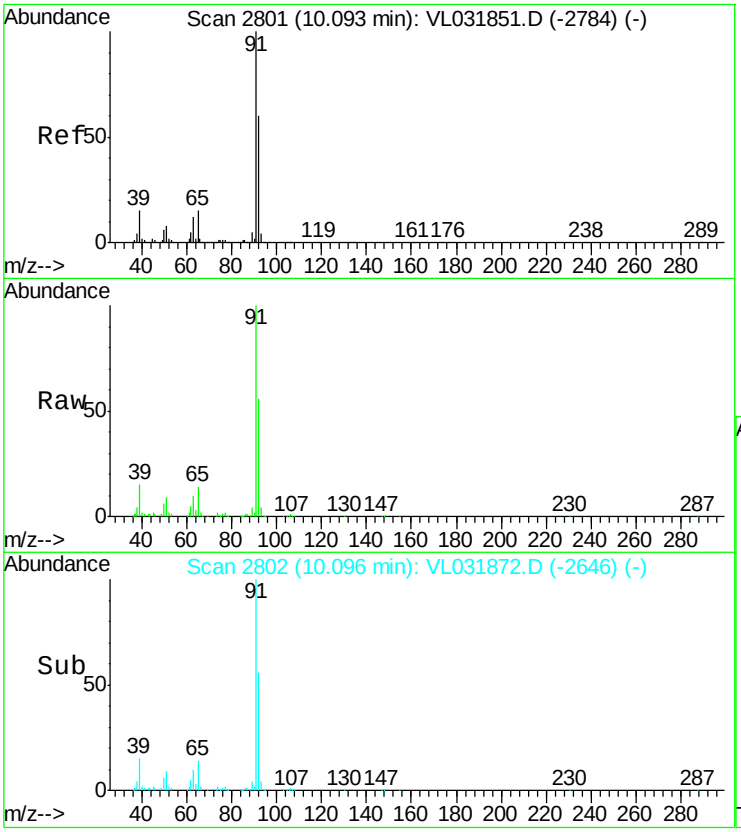


#34
2-Butanone
Concen: 0.117 ppbv m
RT: 5.47 min Scan# 1363
Delta R.T. 0.02 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 43 Resp: 22103

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





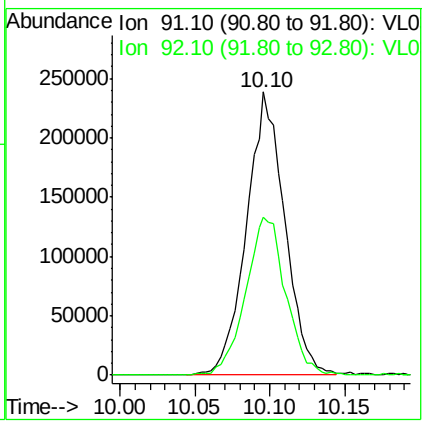
#53
Toluene
Concen: 1.546 ppbv
RT: 10.10 min Scan# 2802
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

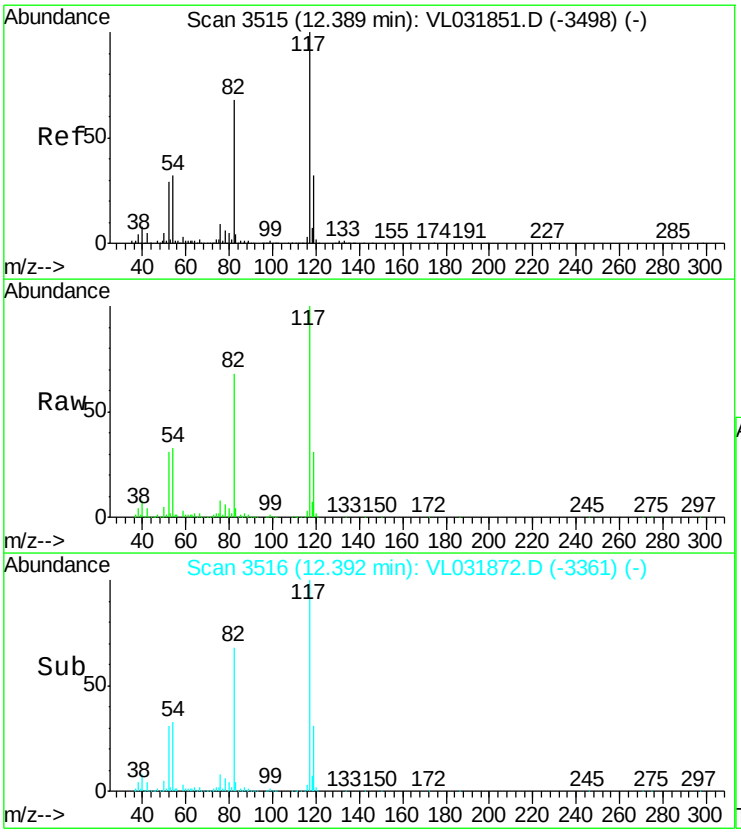
Tgt Ion: 91 Resp: 423192

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.4	71.2

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:07:45 PM

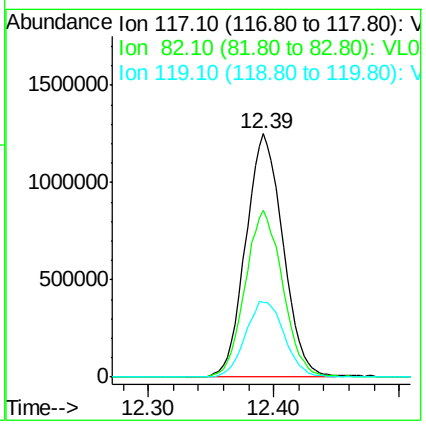


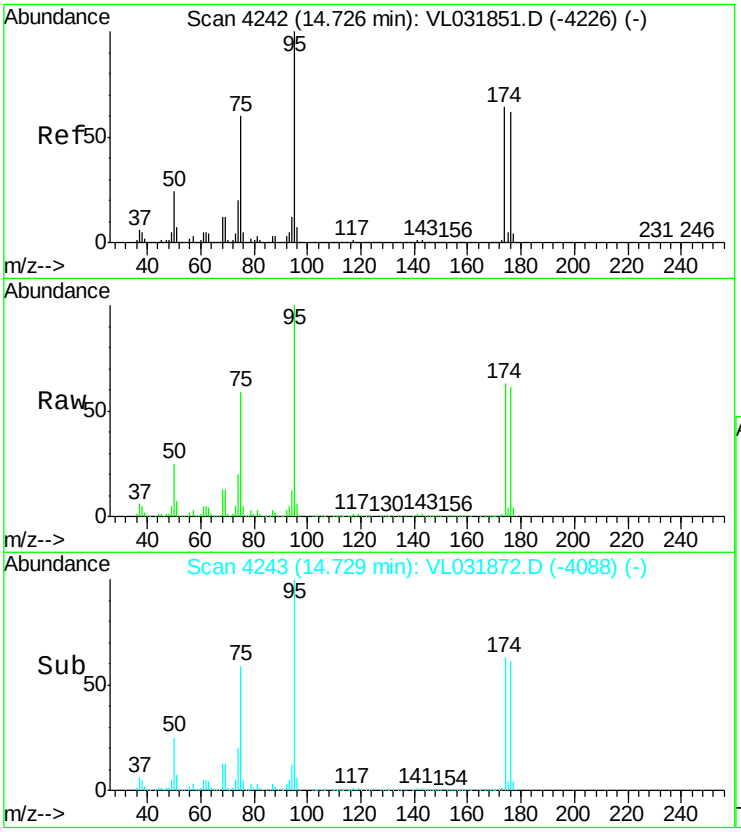


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion:117 Resp: 2584470

Ion	Ratio	Lower	Upper
117	100		
82	69.2	54.6	81.8
119	32.6	26.0	39.0

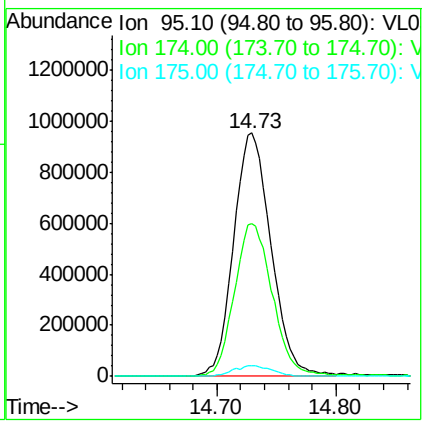




#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.73 min Scan# 4243
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 95 Resp: 2078009

Ion	Ratio	Lower	Upper
95	100		
174	64.6	52.3	78.5
175	4.6	3.9	5.9



Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:07:45 PM