

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032364.D
 Acq On : 15 Aug 2018 23:15
 Operator : SY/AP
 Sample : J4457-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS08-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:44 PM

Quant Time: Aug 16 07:20:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1942944	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.36	114	4107790	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4272019	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3957280	12.14	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	121.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.04	51	45286m	0.25	ppbv	
4) Chloromethane	3.21	50	38732	0.36	ppbv #	84
9) Propene	3.09	41	2330072m	30.25	ppbv	
10) Heptane	8.33	43	18803523	81.05	ppbv	93
11) Trichlorofluoromethane	4.05	101	104732	0.48	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.61	101	17580	0.12	ppbv	98
13) Ethanol	3.70	45	2558909	129.34	ppbv	97
15) Acetone	3.94	43	5539621	30.01	ppbv #	71
19) Isopropyl Alcohol	4.08	45	2138991	17.21	ppbv #	1
20) Methylene Chloride	4.46	84	177693	2.55	ppbv	91
26) Hexane	5.85	57	17106233	96.99	ppbv #	44
27) Carbon Disulfide	4.67	76	942308	5.72	ppbv	99
30) Cyclohexane	7.32	84	14925665	111.10	ppbv	90
34) 2-Butanone	5.38	43	3089294	11.05	ppbv	98
35) Carbon Tetrachloride	7.21	117	19159	0.08	ppbv	86
36) Benzene	7.07	78	9336251	26.81	ppbv	97
38) Trichloroethene	8.03	130	64344	0.53	ppbv #	78
41) Tetrahydrofuran	6.21	42	226118	1.51	ppbv	96
52) Tetrachloroethene	11.53	164	51119021m	497.71	ppbv	
53) Toluene	10.03	91	32037482m	83.92	ppbv	
58) Ethyl Benzene	12.97	91	18936041	36.84	ppbv	89
59) m/p-Xylene	13.23	91	33657838	77.09	ppbv #	86
60) o-Xylene	13.95	91	16064378	37.43	ppbv	94
61) Styrene	13.78	104	644590	2.15	ppbv	99
62) Isopropylbenzene	14.92	105	2921178	4.78	ppbv	99
64) n-propylbenzene	15.81	120	1060042	6.70	ppbv	96
67) sec-Butylbenzene	17.55	105	822780	1.06	ppbv	100
69) p-Isopropyltoluene	17.90	119	1258171	2.12	ppbv #	90
70) n-Butylbenzene	18.80	91	2100067	3.23	ppbv #	41
72) 4-Ethyltoluene	16.09	105	8035712	16.79	ppbv	99
73) 1,3,5-Trimethylbenzene	16.24	105	7529026	16.35	ppbv	98
74) 1,2,4-Trimethylbenzene	17.02	105	16225110	33.12	ppbv #	74
79) Naphthalene	22.50	128	388808	1.15	ppbv	99

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

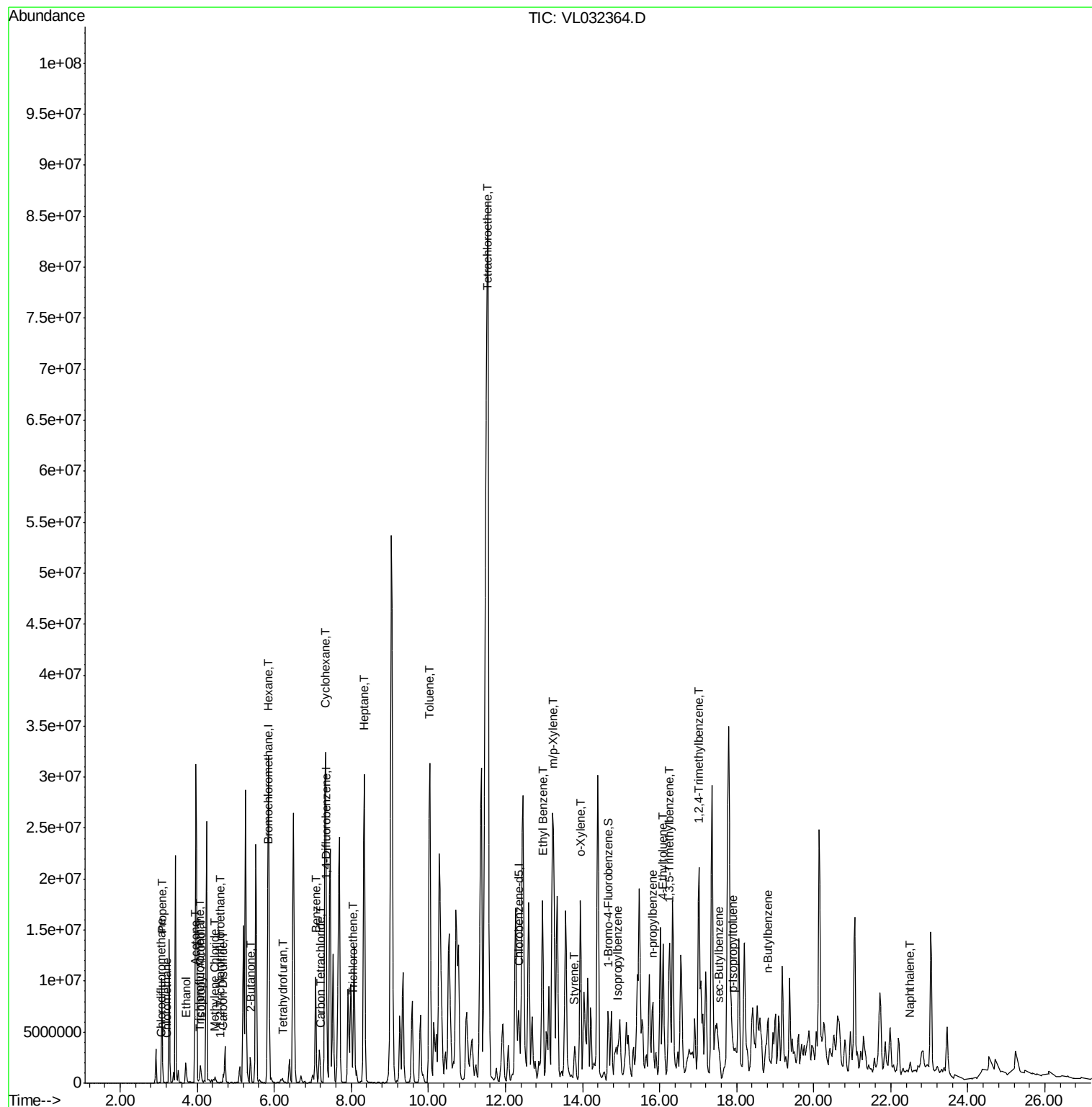
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081518\
Data File : VL032364.D
Acq On : 15 Aug 2018 23:15
Operator : SY/AP
Sample : J4457-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

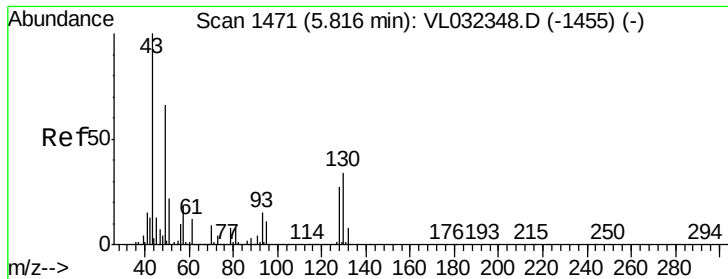
Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVI

Manual Integrations
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8/17/2018 2:06:44 PM

Quant Time: Aug 16 07:20:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.82 min Scan# 1472

Delta R.T. 0.00 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion: 49 Resp: 1942944

Ion Ratio Lower Upper

49 100

128 40.5 20.5 61.6

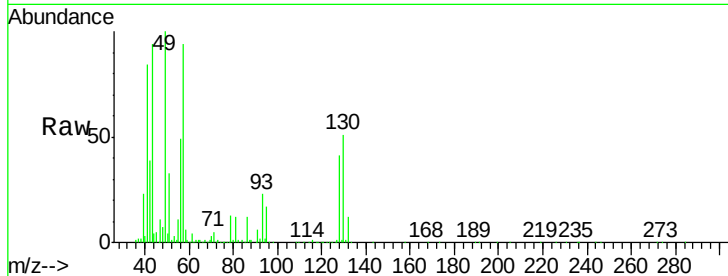
130 51.2 26.2 78.5

Manual Integrations

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

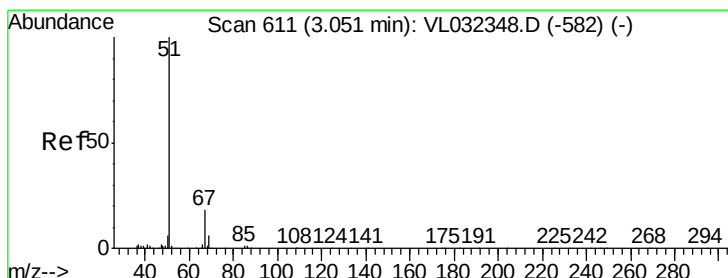
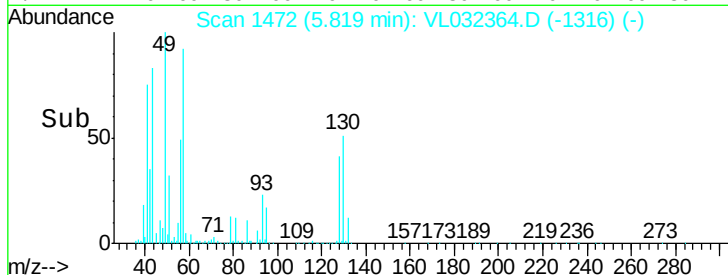
5.82

1000000

500000

0

Time-->



#3

Chlorodifluoromethane

Concen: 0.25 ppbv m

RT: 3.04 min Scan# 609

Delta R.T. -0.01 min

Lab File: VL032364.D

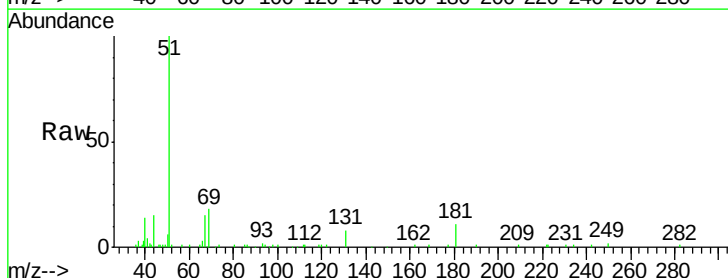
Acq: 15 Aug 2018 23:15

Tgt Ion: 51 Resp: 45286

Ion Ratio Lower Upper

51 100

67 18.2 13.7 20.5



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

3.04

40000

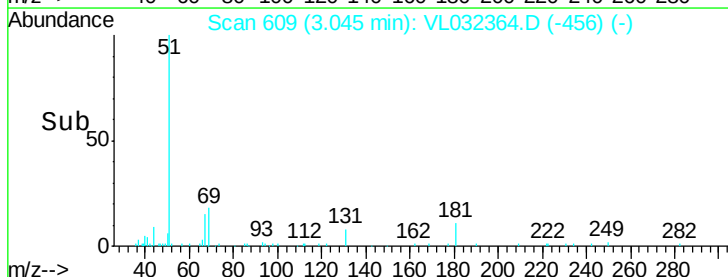
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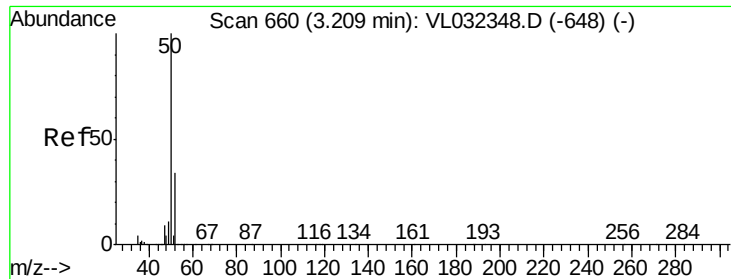
20000

10000

0

Time-->





#4

Chloromethane

Concen: 0.36 ppbv

RT: 3.21 min Scan# 659

Delta R.T. -0.00 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion: 50 Resp: 38732

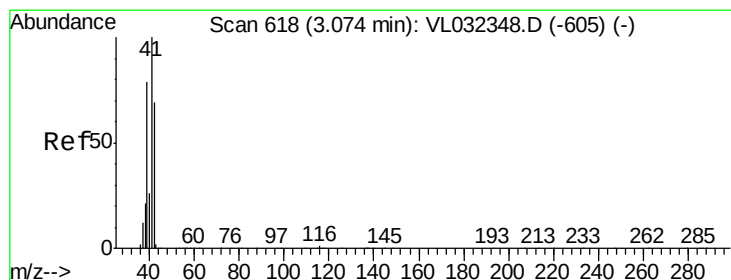
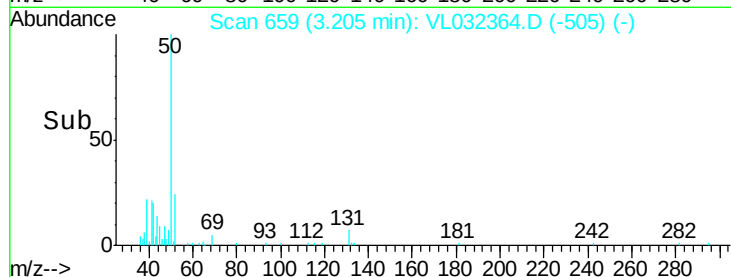
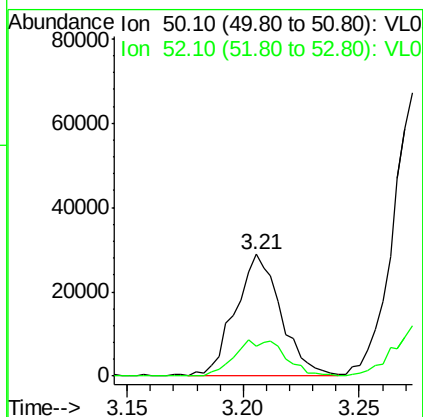
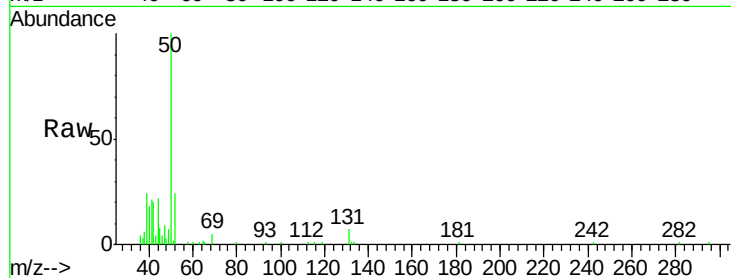
Ion Ratio Lower Upper

50 100

52 24.4 26.8 40.2#

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#9

Propene

Concen: 30.25 ppbv m

RT: 3.09 min Scan# 622

Delta R.T. 0.01 min

Lab File: VL032364.D

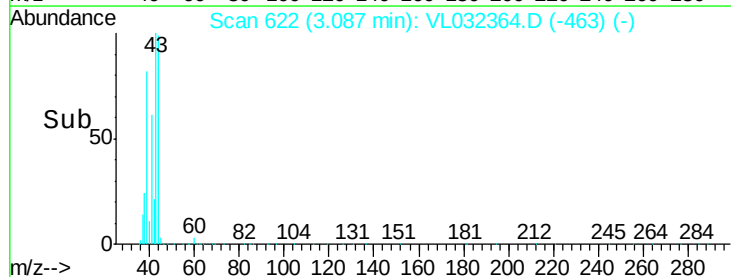
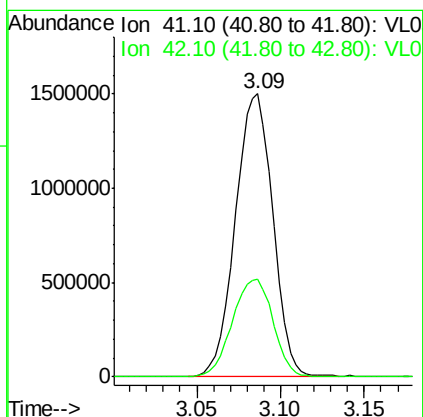
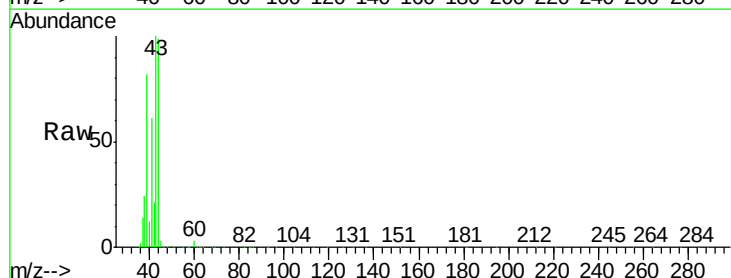
Acq: 15 Aug 2018 23:15

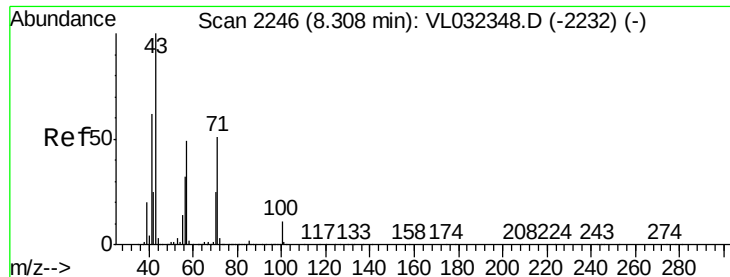
Tgt Ion: 41 Resp: 2330072

Ion Ratio Lower Upper

41 100

42 131.8 55.9 83.9#





#10

Heptane

Concen: 81.05 ppbv

RT: 8.33 min Scan# 2254

Delta R.T. 0.03 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion: 43 Resp: 18803523

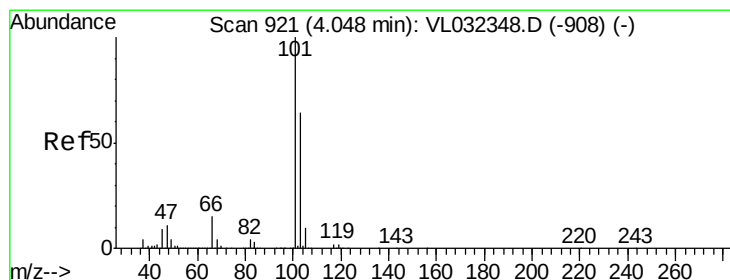
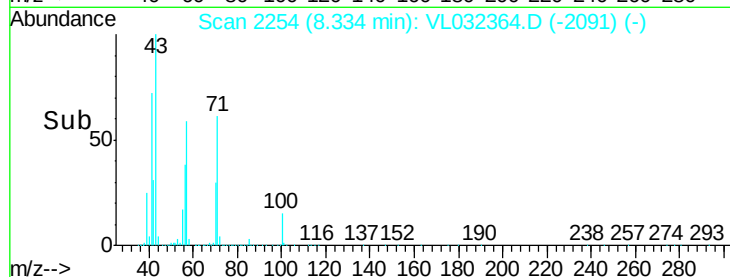
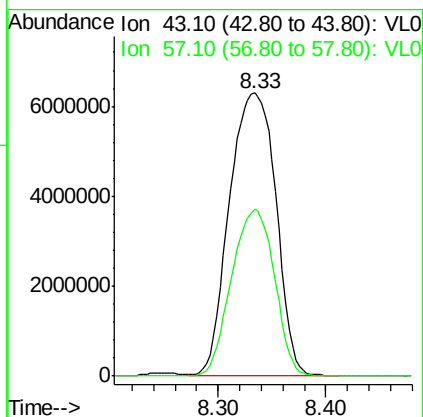
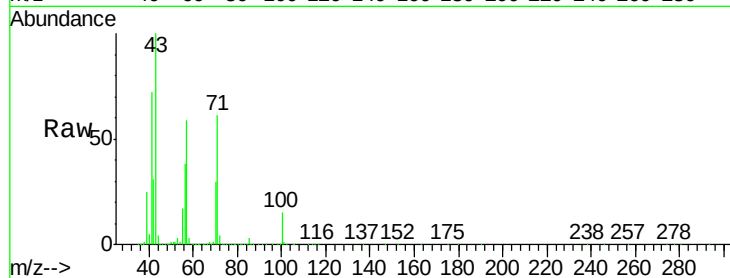
Ion Ratio Lower Upper

43 100

57 54.5 39.5 59.3

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#11

Trichlorofluoromethane

Concen: 0.48 ppbv

RT: 4.05 min Scan# 923

Delta R.T. 0.01 min

Lab File: VL032364.D

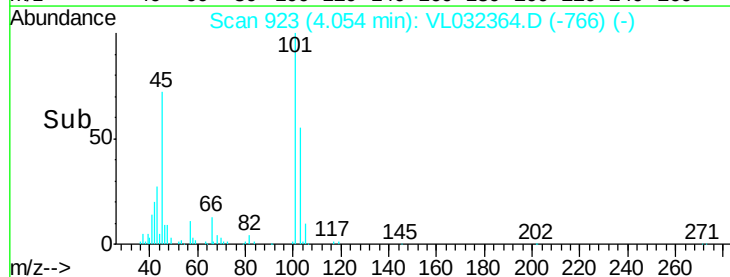
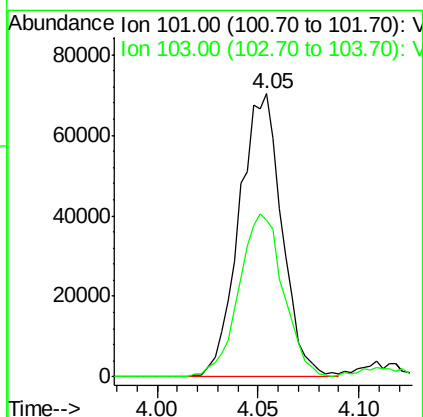
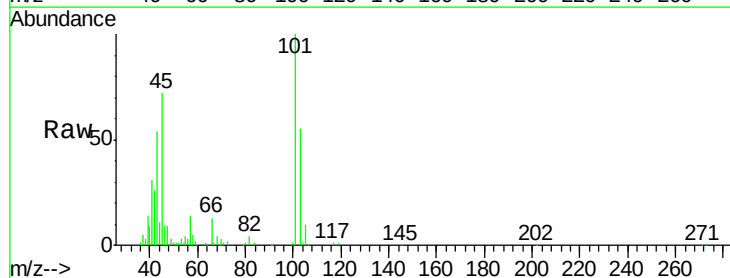
Acq: 15 Aug 2018 23:15

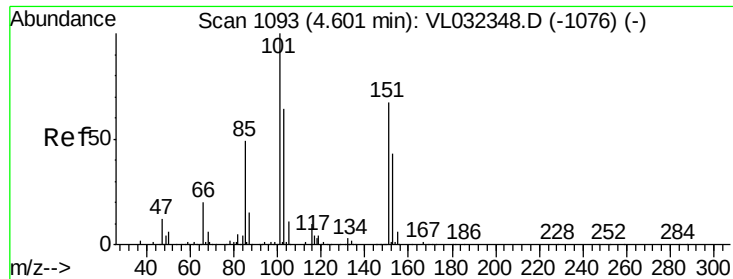
Tgt Ion: 101 Resp: 104732

Ion Ratio Lower Upper

101 100

103 55.0 51.4 77.0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.12 ppbv

RT: 4.61 min Scan# 1096

Delta R.T. 0.01 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion:101 Resp: 17580

Ion Ratio Lower Upper

101 100

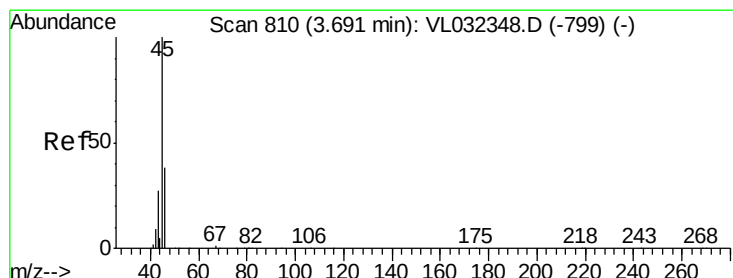
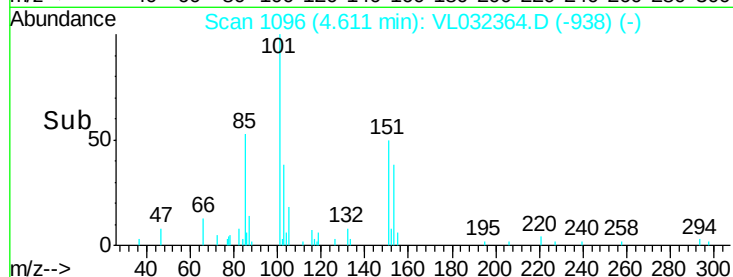
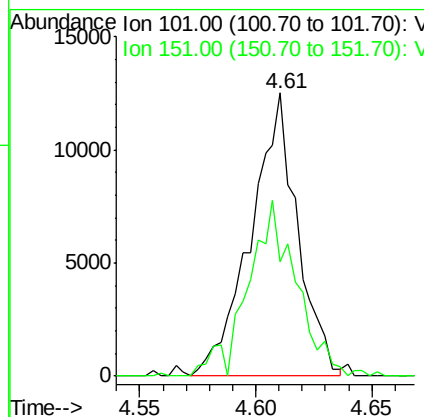
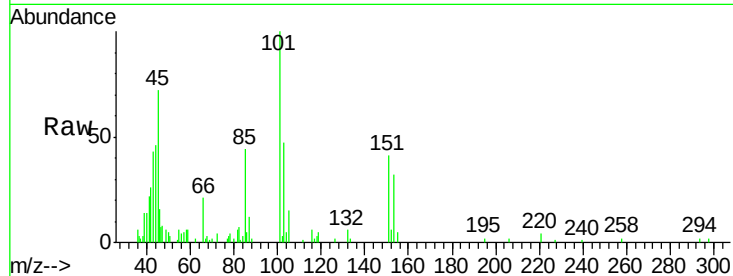
151 64.5 53.1 79.7

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#13

Ethanol

Concen: 129.34 ppbv

RT: 3.70 min Scan# 814

Delta R.T. 0.01 min

Lab File: VL032364.D

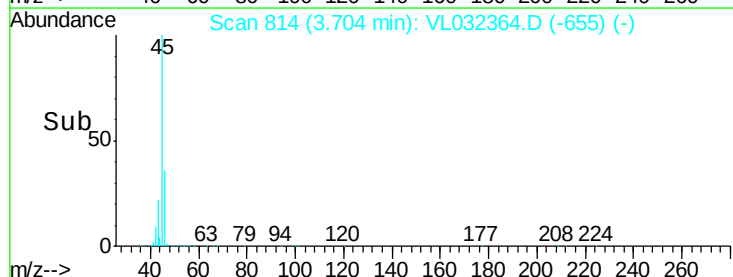
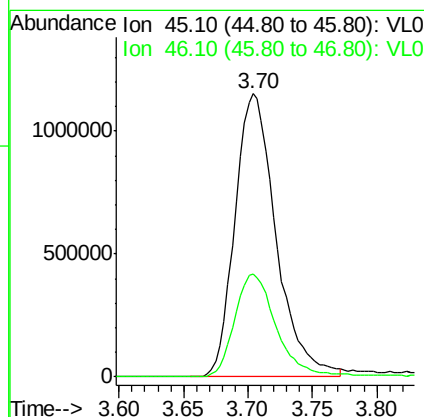
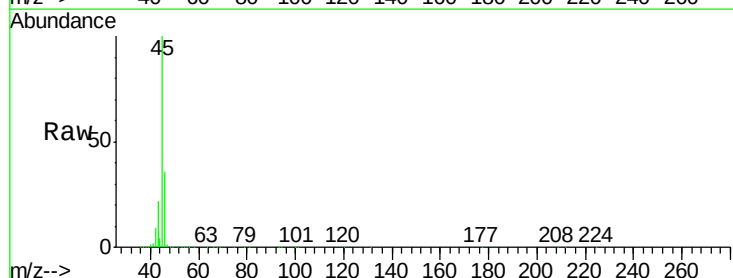
Acq: 15 Aug 2018 23:15

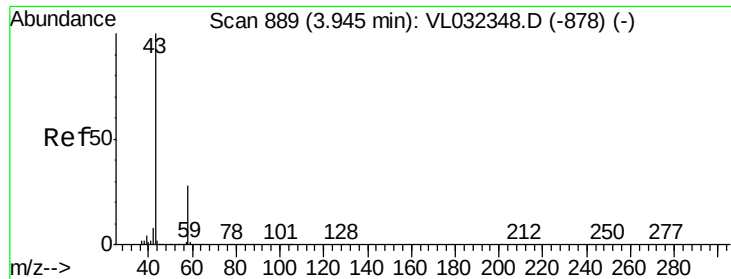
Tgt Ion: 45 Resp: 2558909

Ion Ratio Lower Upper

45 100

46 37.3 15.6 62.4





#15

Acetone

Concen: 30.01 ppbv

RT: 3.94 min Scan# 887

Delta R.T. -0.01 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion: 43 Resp: 5539621

Ion Ratio Lower Upper

43 100

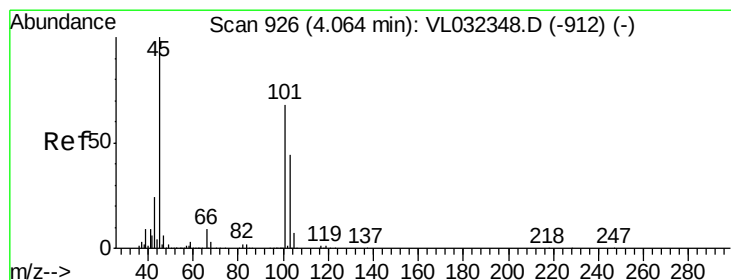
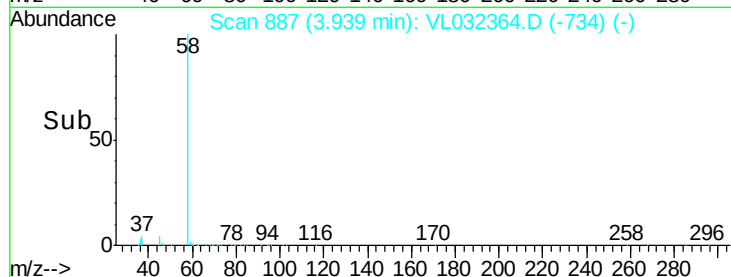
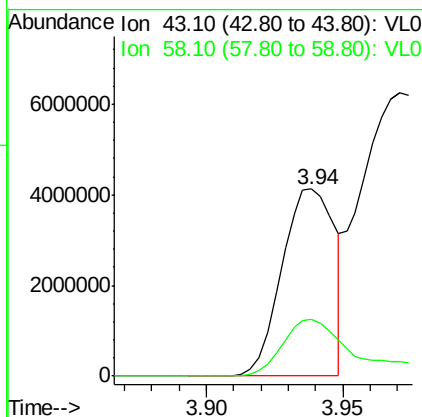
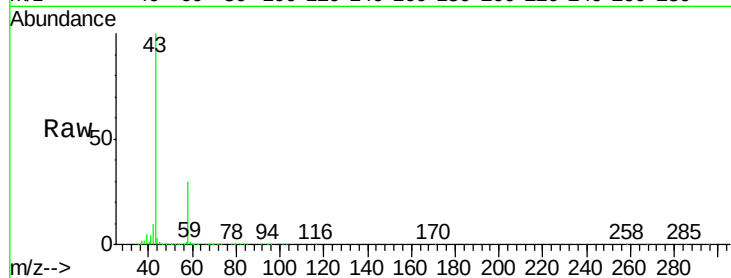
58 43.0 22.4 33.6#

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#19

Isopropyl Alcohol

Concen: 17.21 ppbv

RT: 4.08 min Scan# 932

Delta R.T. 0.02 min

Lab File: VL032364.D

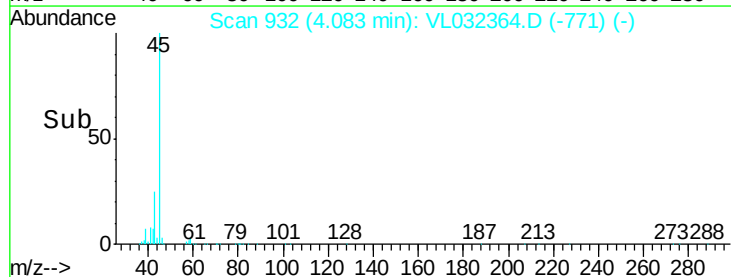
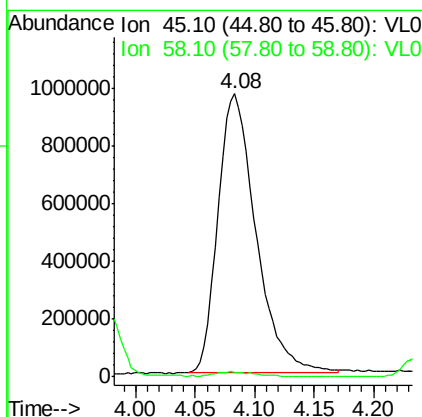
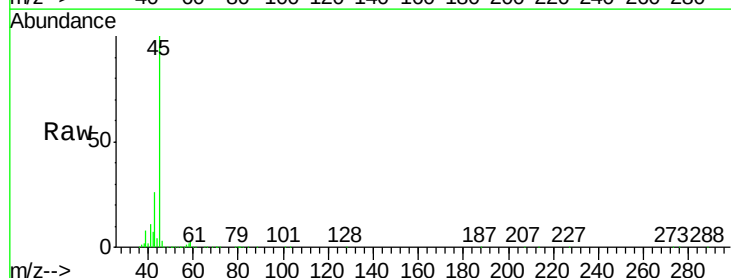
Acq: 15 Aug 2018 23:15

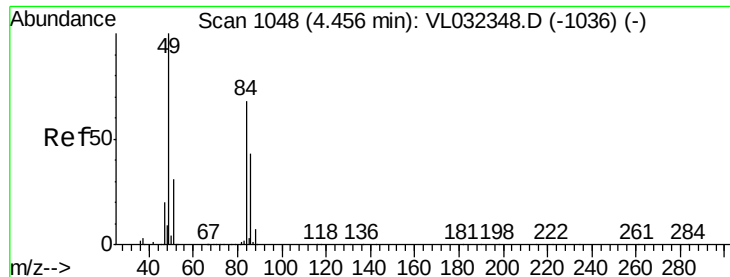
Tgt Ion: 45 Resp: 2138991

Ion Ratio Lower Upper

45 100

58 111.5 1.4 2.0#





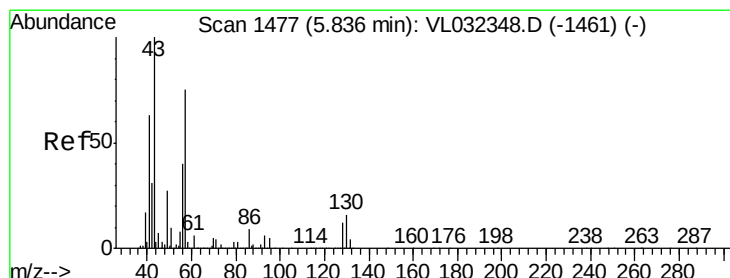
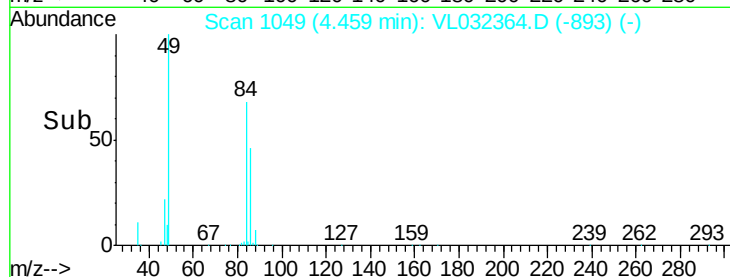
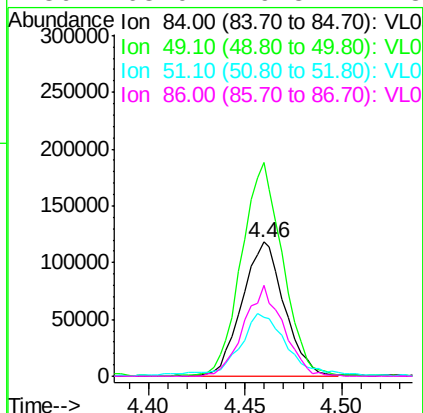
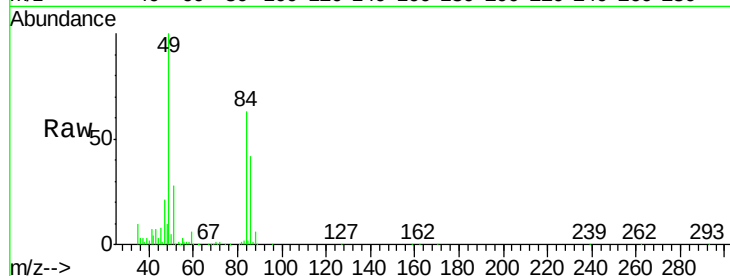
#20
Methvlene Chloride
Concen: 2.55 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVI

Tot Ion	84	Resp	177693
Ion	Ratio	Lower	Upper
84	100		
49	159.3	117.3	175.9
51	41.9	36.6	55.0
86	68.0	49.8	74.8

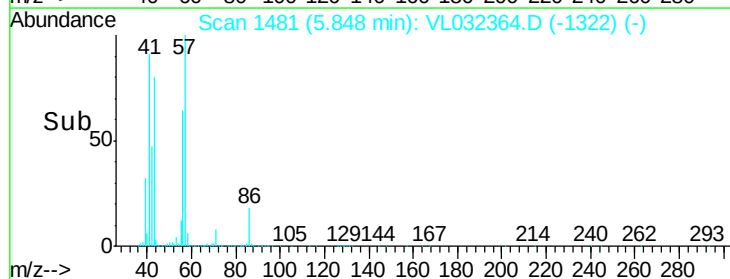
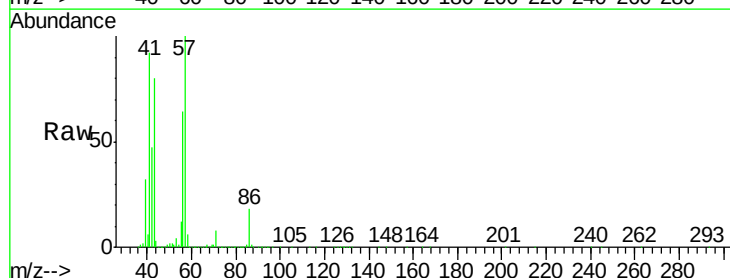
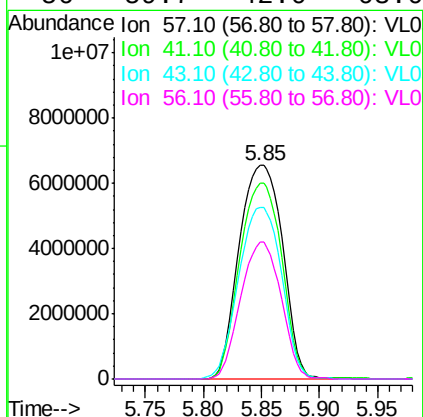
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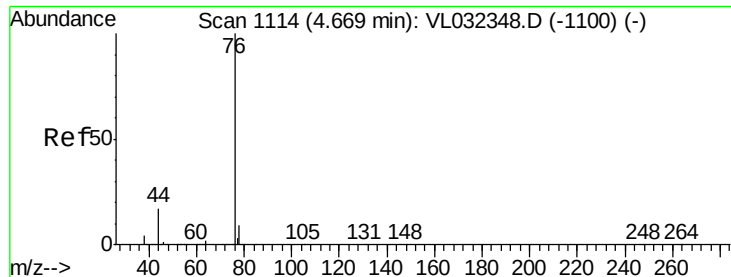
MMDadoda
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#26
Hexane
Concen: 96.99 ppbv
RT: 5.85 min Scan# 1481
Delta R.T. 0.01 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Tgt Ion	57	Resp	17106233
Ion	Ratio	Lower	Upper
57	100		
41	89.1	68.0	102.0
43	79.6	175.3	262.9#
56	59.7	42.0	63.0





#27

Carbon Disulfide

Concen: 5.72 ppbv

RT: 4.67 min Scan# 1116

Delta R.T. 0.01 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

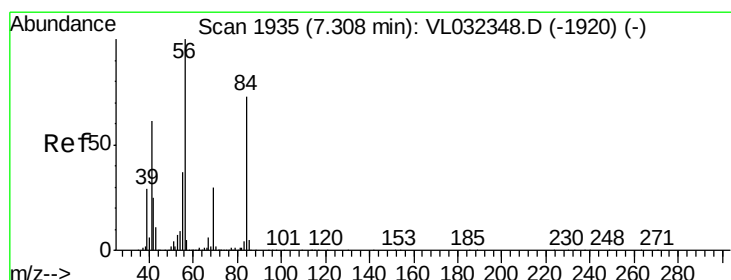
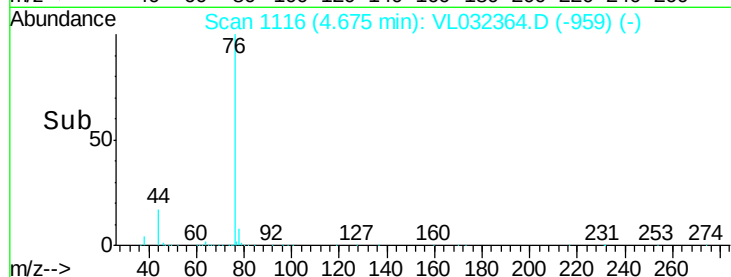
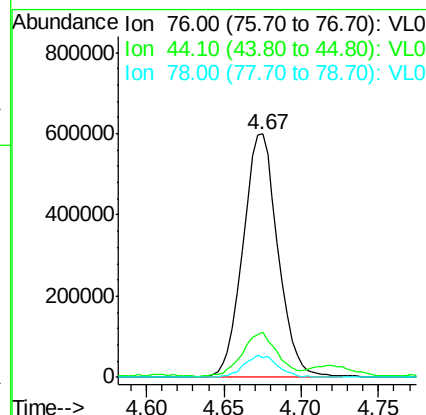
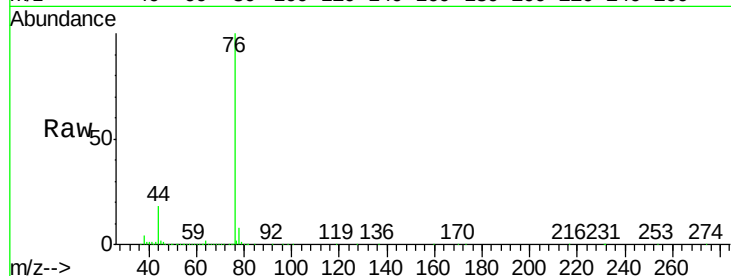
ClientSampleId :

SS08-MIVI

Tot Ion:	76	Resp:	942308
Ion Ratio	Lower	Upper	
76	100		
44	18.3	14.4	21.6
78	8.9	7.4	11.0

Manual Integrations
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#30

Cyclohexane

Concen: 111.10 ppbv

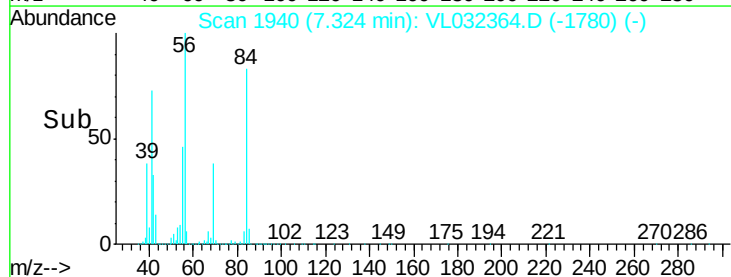
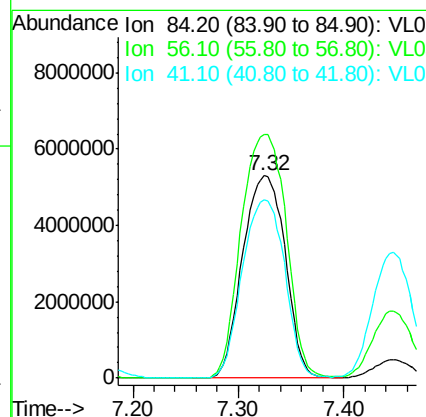
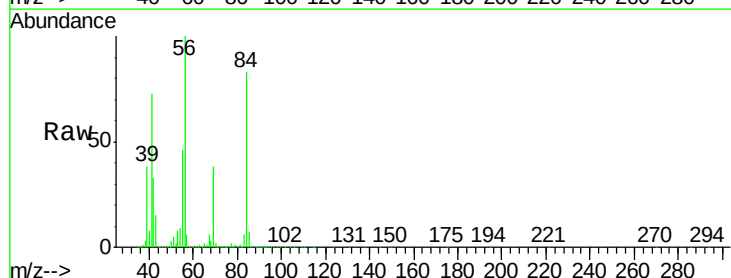
RT: 7.32 min Scan# 1940

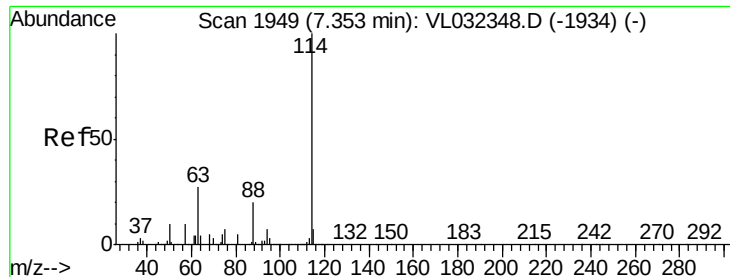
Delta R.T. 0.02 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Tgt Ion:	84	Resp:	14925665
Ion Ratio	Lower	Upper	
84	100		
56	126.9	115.7	173.5
41	87.5	67.9	101.9





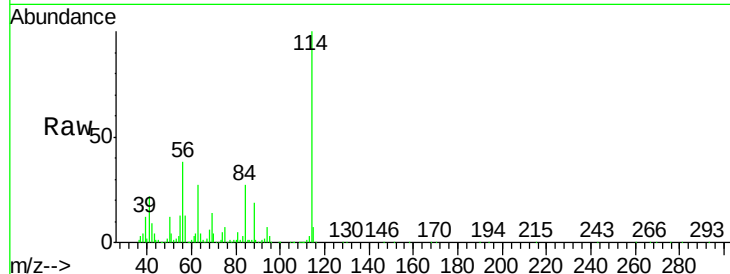
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.36 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: VL032364.D
 Acq: 15 Aug 2018 23:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SS08-MIVI

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.6	22.0	33.0
88	18.9	15.3	22.9

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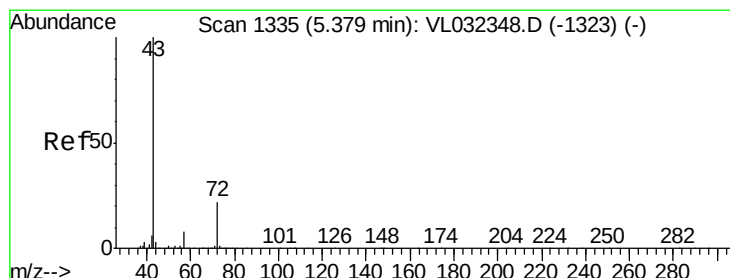
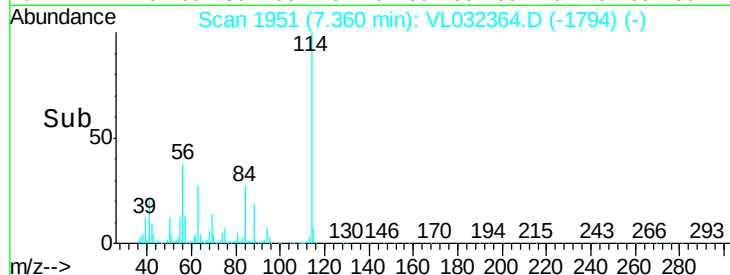
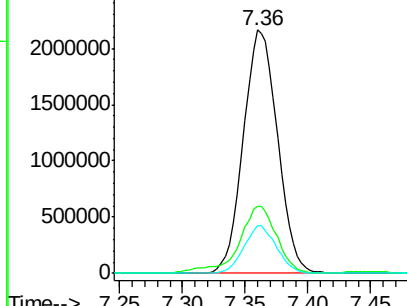
MMDadoda
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Abundance Ion 114.10 (113.80 to 114.80): V

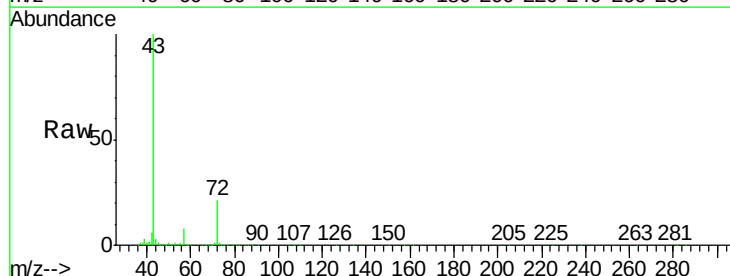
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



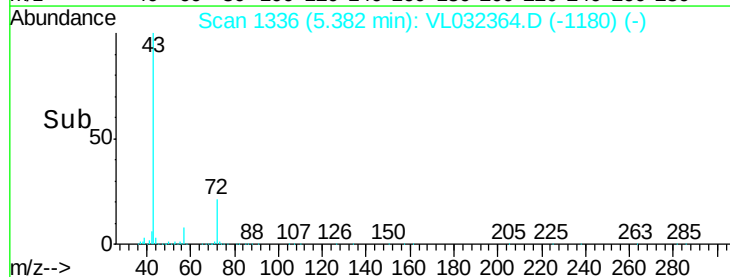
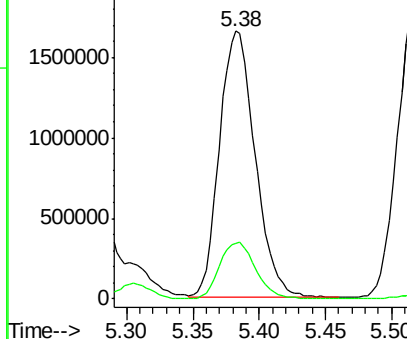
#34
 2-Butanone
 Concen: 11.05 ppbv
 RT: 5.38 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VL032364.D
 Acq: 15 Aug 2018 23:15

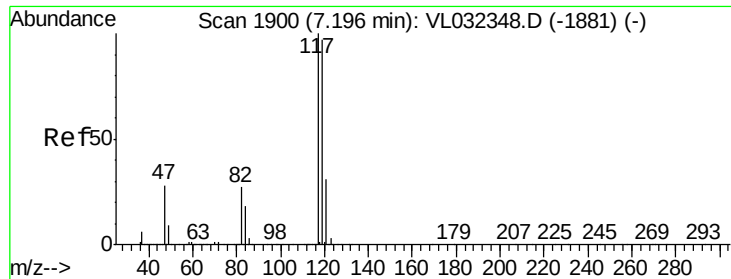
Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.6	17.9	26.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.08 ppbv

RT: 7.21 min Scan# 1904

Delta R.T. 0.01 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

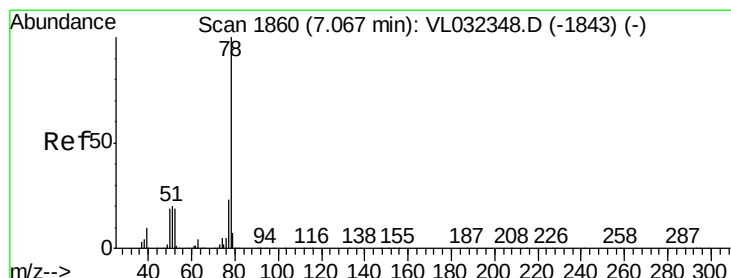
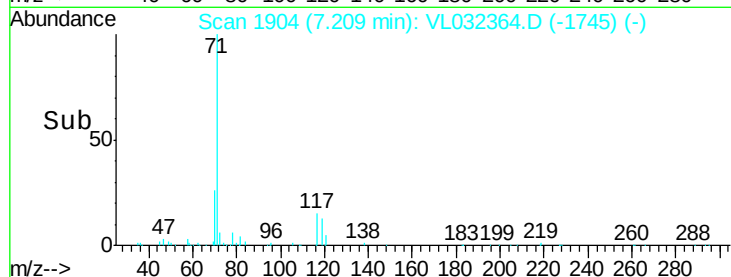
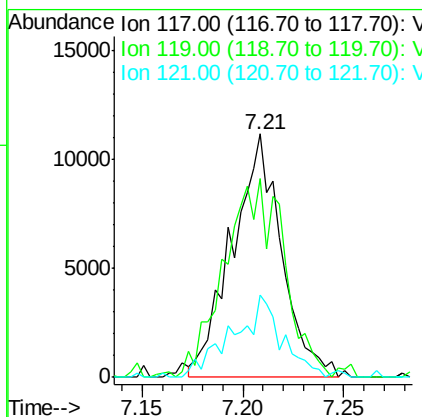
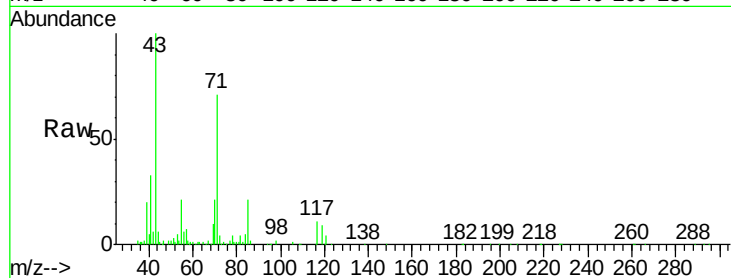
ClientSampleId :

SS08-MIVI

Tot Ion:	117	Resp:	19159
Ion	Ratio	Lower	Upper
117	100		
119	78.2	77.2	115.8
121	31.0	25.1	37.7

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#36

Benzene

Concen: 26.81 ppbv

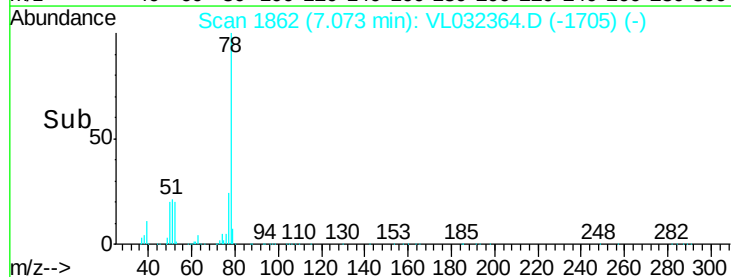
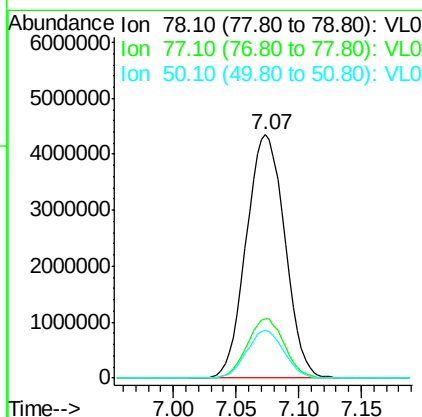
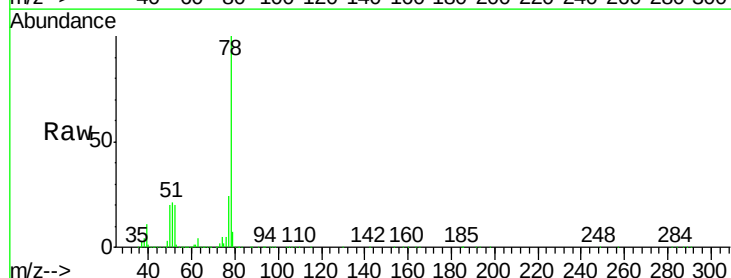
RT: 7.07 min Scan# 1862

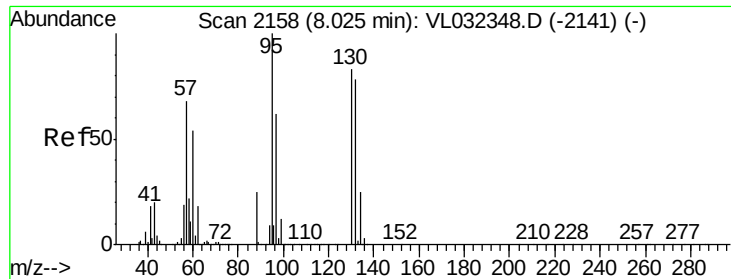
Delta R.T. 0.01 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Tgt Ion:	78	Resp:	9336251
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.0	27.0
50	19.7	15.1	22.7





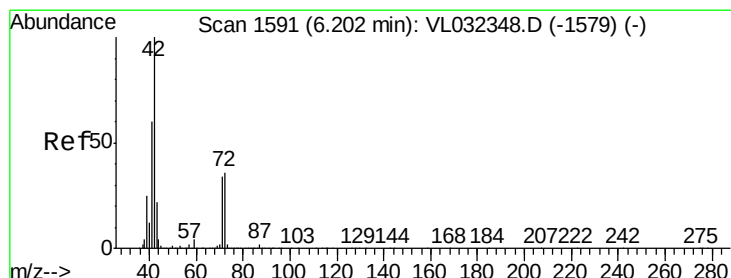
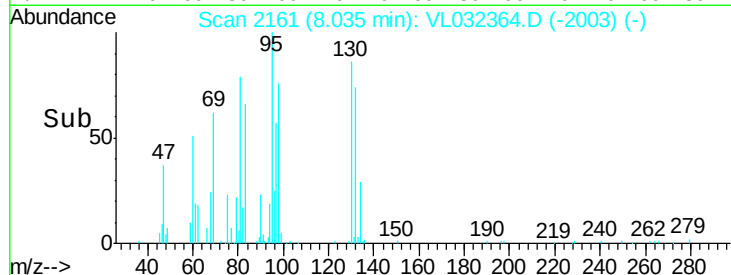
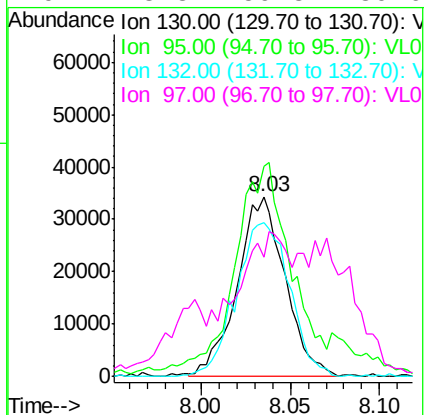
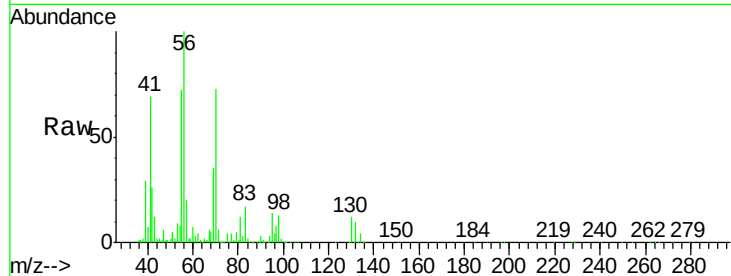
#38
 Trichloroethene
 Concen: 0.53 ppbv
 RT: 8.03 min Scan# 2161
 Delta R.T. 0.01 min
 Lab File: VL032364.D
 Acq: 15 Aug 2018 23:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SS08-MIVI

Tot Ion	Ratio	Lower	Upper
130	100		
95	107.2	96.6	144.8
132	85.5	75.5	113.3
97	28.3	59.8	89.6#

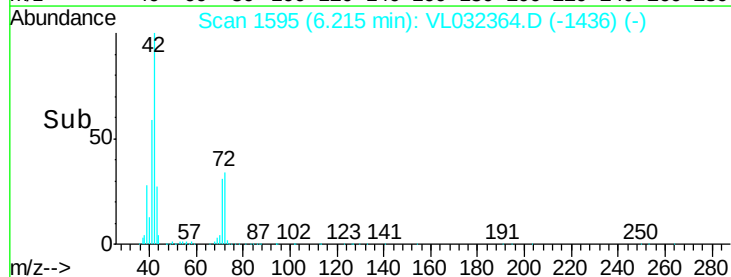
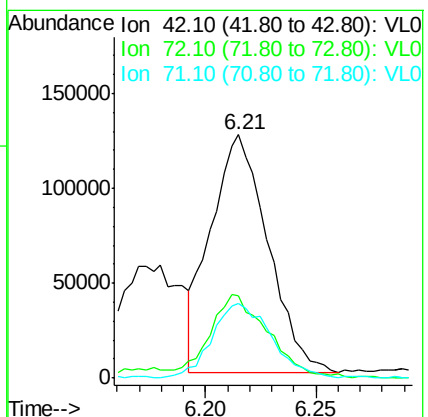
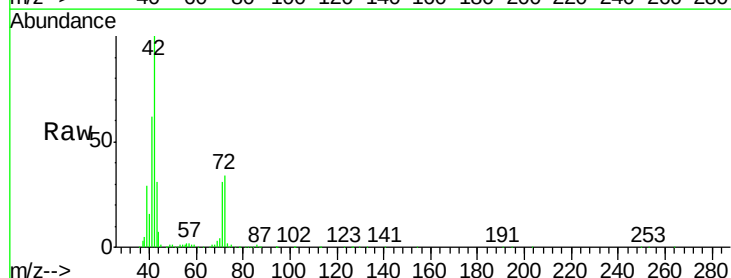
Manual Integrations
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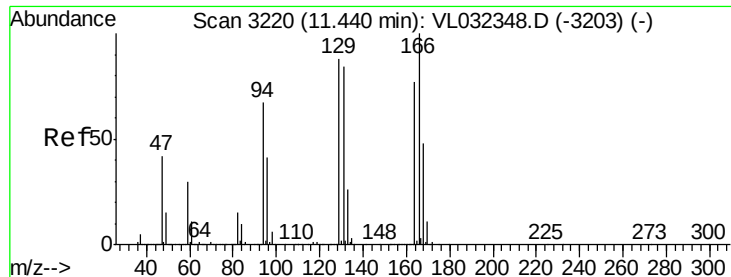
MMDadoda
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#41
 Tetrahydrofuran
 Concen: 1.51 ppbv
 RT: 6.21 min Scan# 1595
 Delta R.T. 0.01 min
 Lab File: VL032364.D
 Acq: 15 Aug 2018 23:15

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.7	29.8	44.6
71	33.6	28.2	42.2





#52

Tetrachloroethene

Concen: 497.71 ppbv m

RT: 11.53 min Scan# 3249

Delta R.T. 0.09 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion:164 Resp:51119021

Ion Ratio Lower Upper

164 100

166 100.0 103.5 155.3#

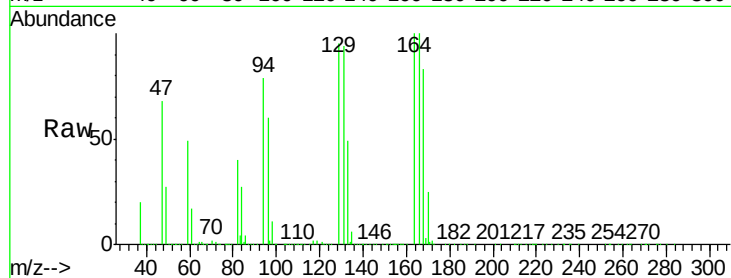
129 94.6 90.9 136.3

131 94.1 86.7 130.1

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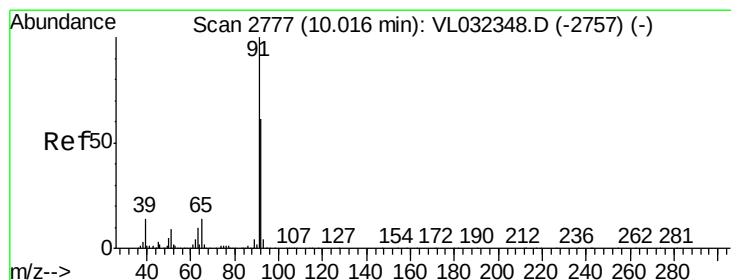
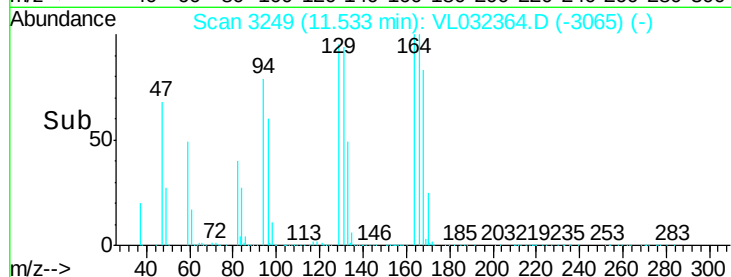
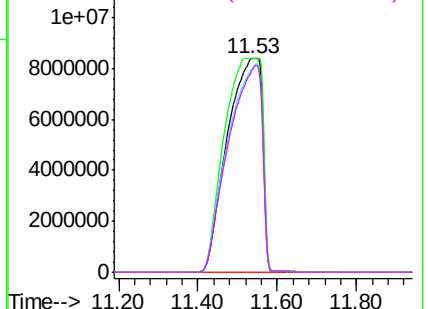


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 83.92 ppbv m

RT: 10.03 min Scan# 2781

Delta R.T. 0.01 min

Lab File: VL032364.D

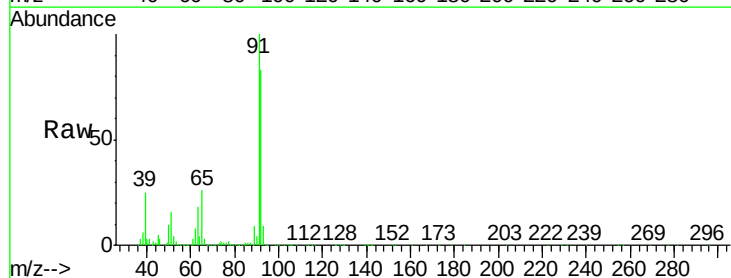
Acq: 15 Aug 2018 23:15

Tgt Ion: 91 Resp:32037482

Ion Ratio Lower Upper

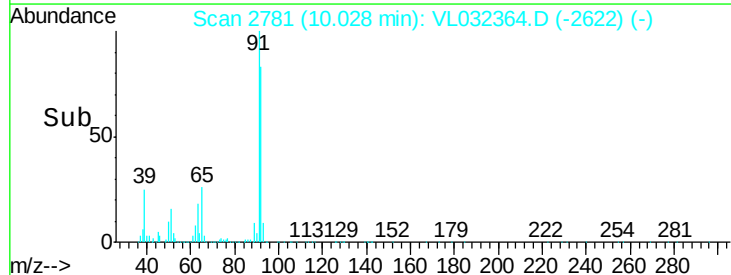
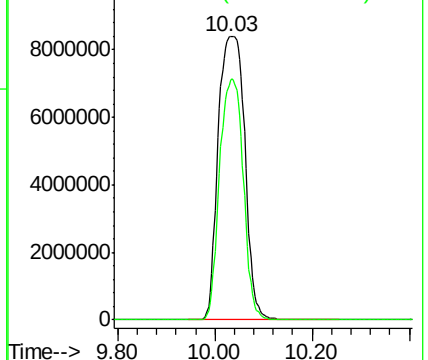
91 100

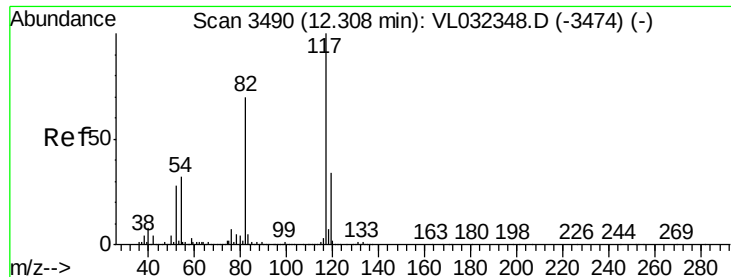
92 0.0 48.7 73.1#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





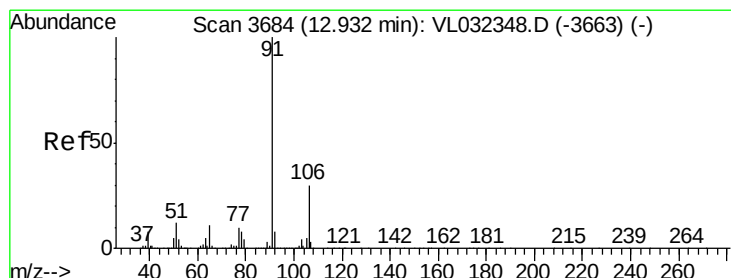
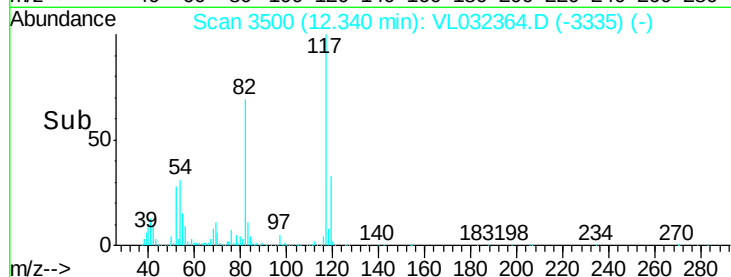
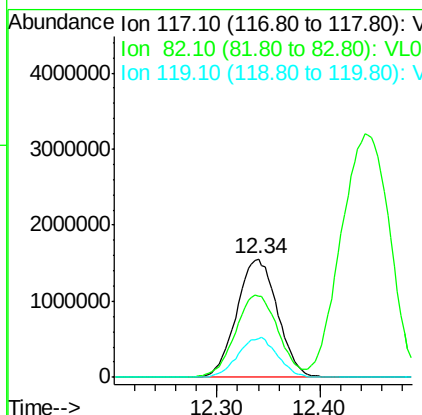
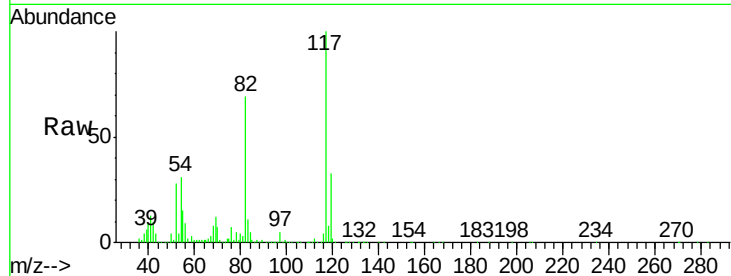
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. 0.03 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVI

Tot Ion:117 Resp: 4272019
Ion Ratio Lower Upper
117 100
82 72.8 55.1 82.7
119 32.7 46.0 69.0#

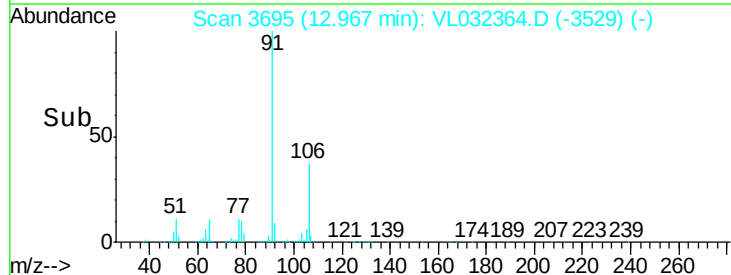
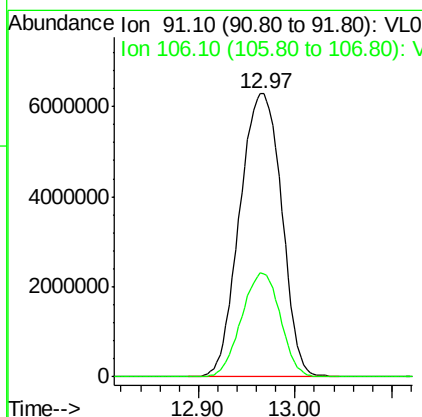
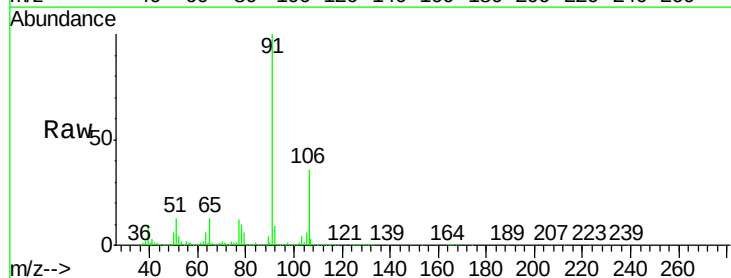
Manual Integrations
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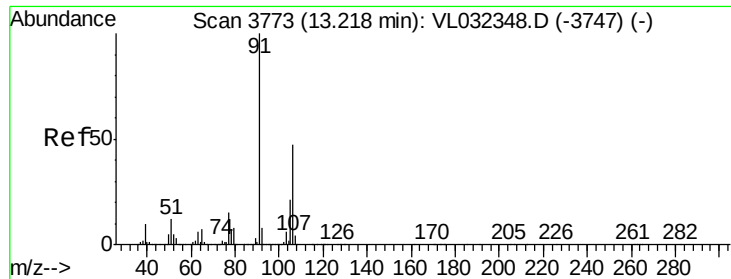
MMDadoda
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#58
Ethyl Benzene
Concen: 36.84 ppbv
RT: 12.97 min Scan# 3695
Delta R.T. 0.04 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Tgt Ion: 91 Resp:18936041
Ion Ratio Lower Upper
91 100
106 36.5 24.3 36.5





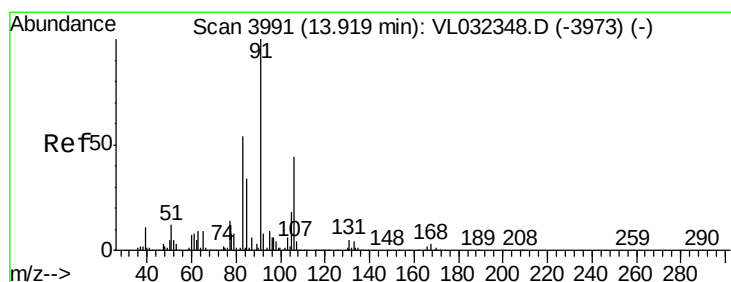
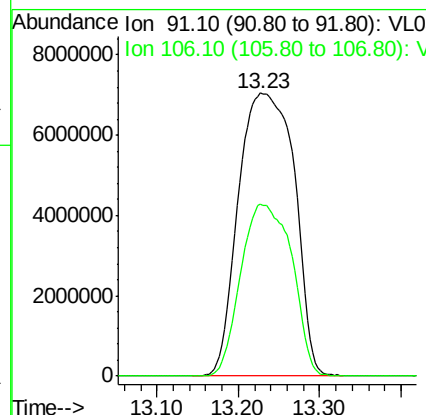
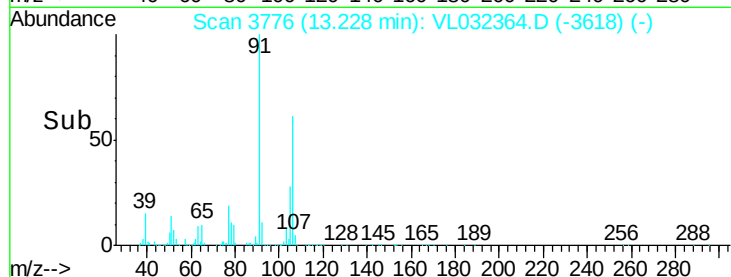
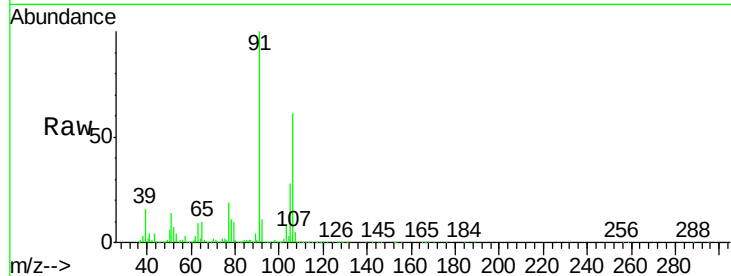
#59
m/p-Xylene
Concen: 77.09 ppbv
RT: 13.23 min Scan# 3776
Delta R.T. 0.01 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVI

Tot Ion: 91 Resp:33657838
Ion Ratio Lower Upper
91 100
106 55.6 37.0 55.4#

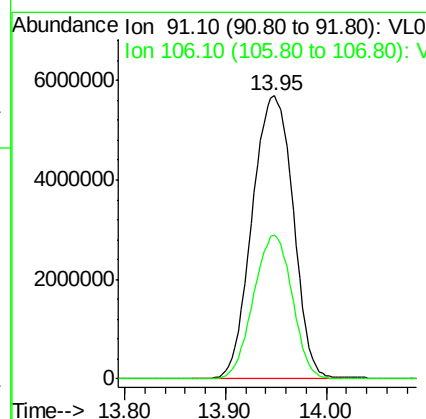
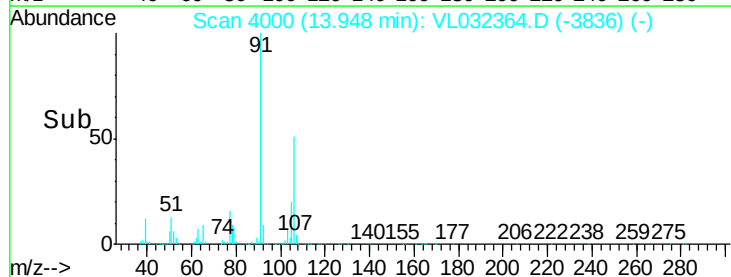
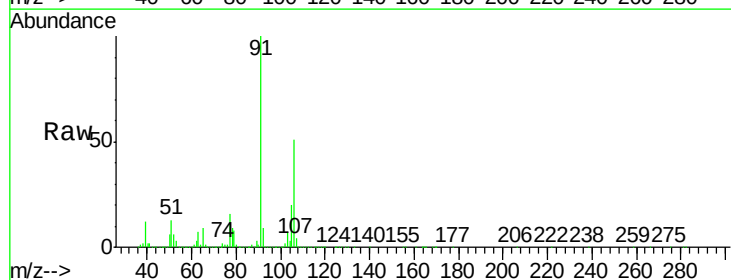
Manual Integrations
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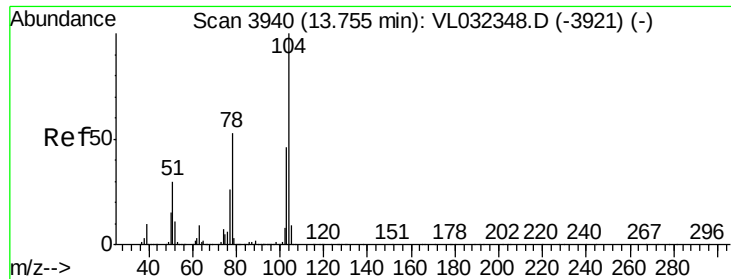
MMDadoda
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#60
o-Xylene
Concen: 37.43 ppbv
RT: 13.95 min Scan# 4000
Delta R.T. 0.03 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Tgt Ion: 91 Resp:16064378
Ion Ratio Lower Upper
91 100
106 48.1 22.3 66.8





#61

Stvrene

Concen: 2.15 ppbv

RT: 13.78 min Scan# 3948

Delta R.T. 0.03 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

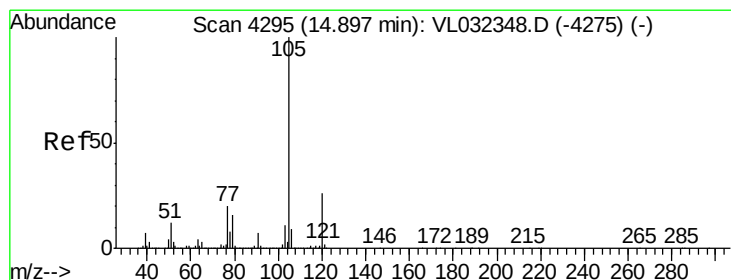
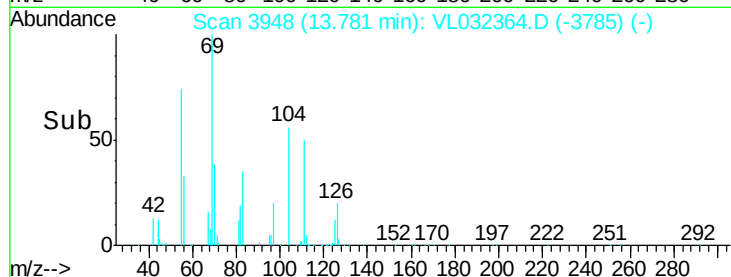
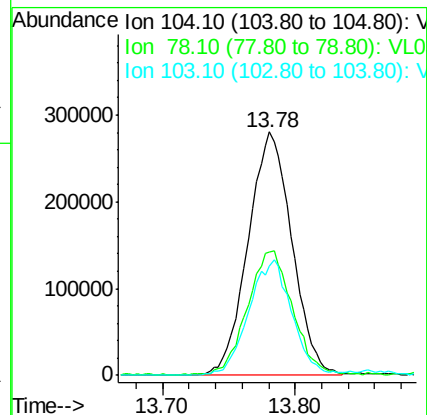
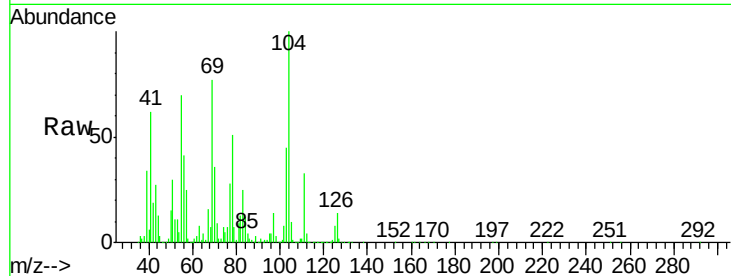
ClientSampleId :

SS08-MIVI

Tot Ion:	104	Resp:	644590
Ion Ratio	Lower	Upper	
104	100		
78	52.6	42.6	64.0
103	46.4	38.0	57.0

Manual Integrations
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#62

Isopropylbenzene

Concen: 4.78 ppbv

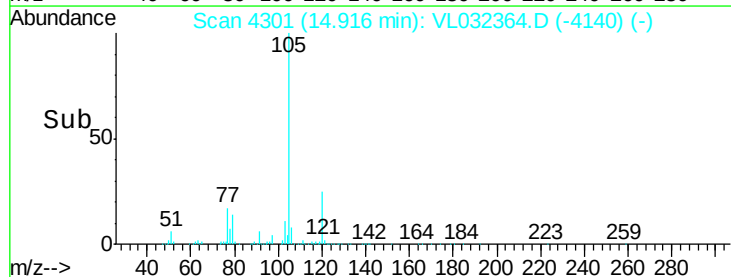
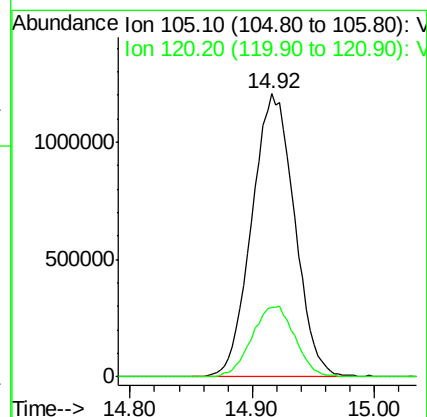
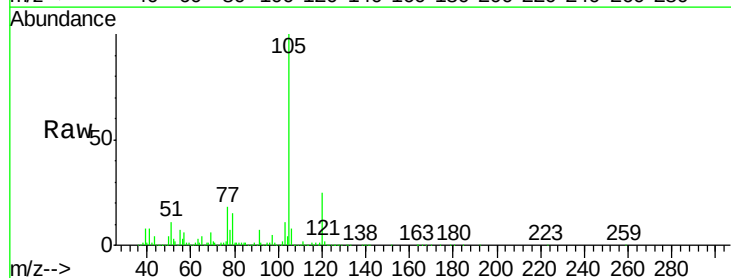
RT: 14.92 min Scan# 4301

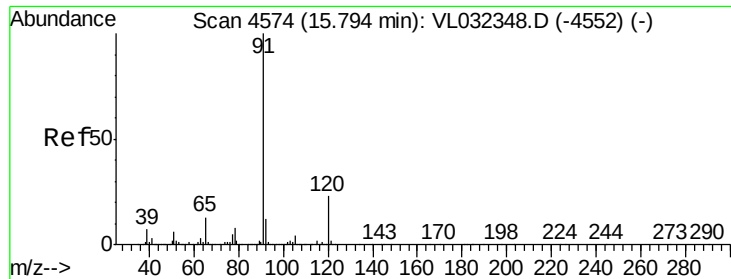
Delta R.T. 0.02 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Tgt Ion:	105	Resp:	2921178
Ion Ratio	Lower	Upper	
105	100		
120	25.4	20.6	30.8





#64

n-propylbenzene

Concen: 6.70 ppbv

RT: 15.81 min Scan# 4580

Delta R.T. 0.02 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion:120 Resp: 1060042

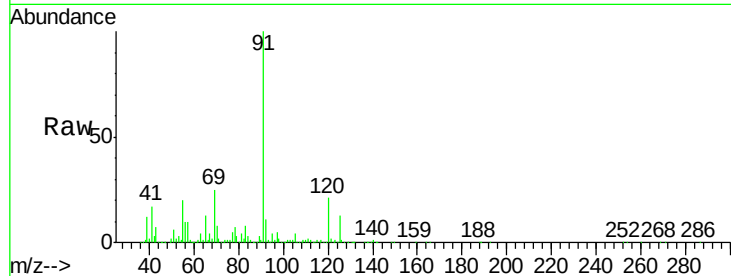
Ion Ratio Lower Upper

120 100

91 487.1 382.2 573.2

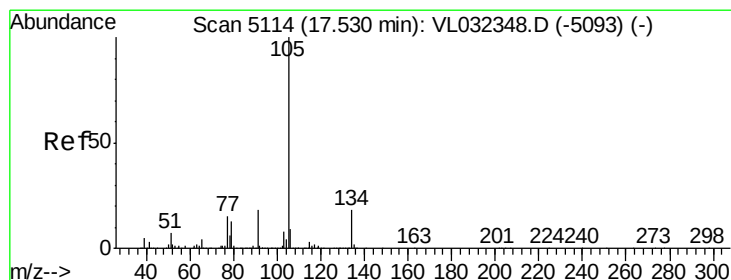
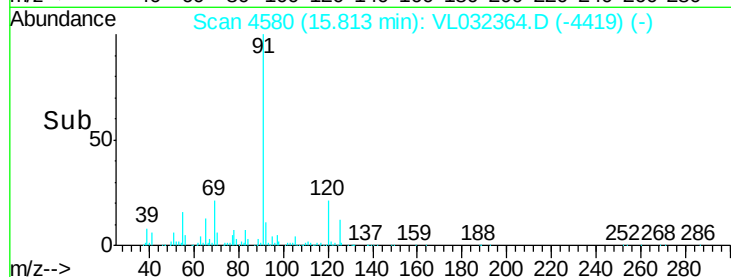
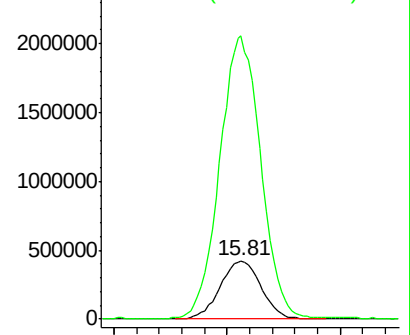
Manual Integrations
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#67

sec-Butylbenzene

Concen: 1.06 ppbv

RT: 17.55 min Scan# 5119

Delta R.T. 0.02 min

Lab File: VL032364.D

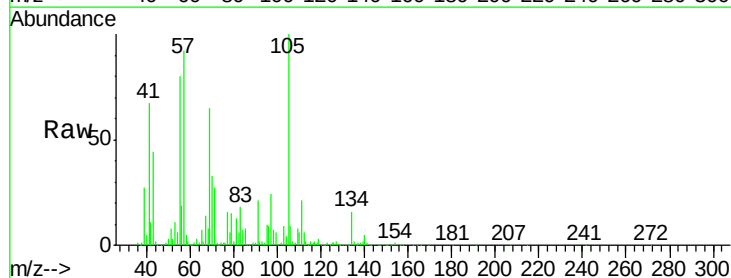
Acq: 15 Aug 2018 23:15

Tgt Ion:105 Resp: 822780

Ion Ratio Lower Upper

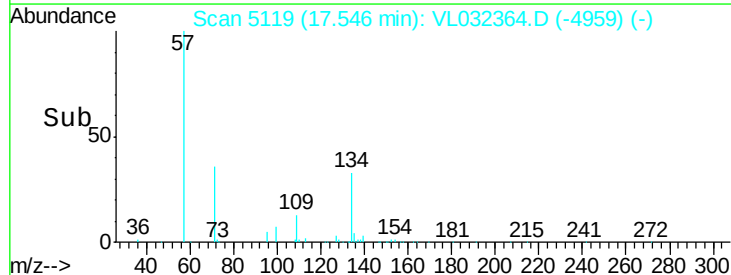
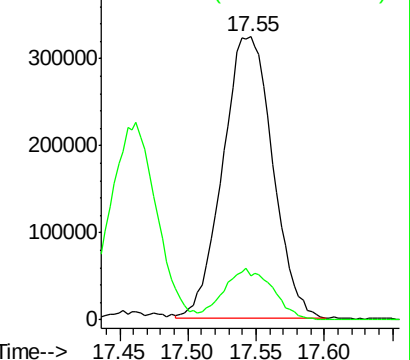
105 100

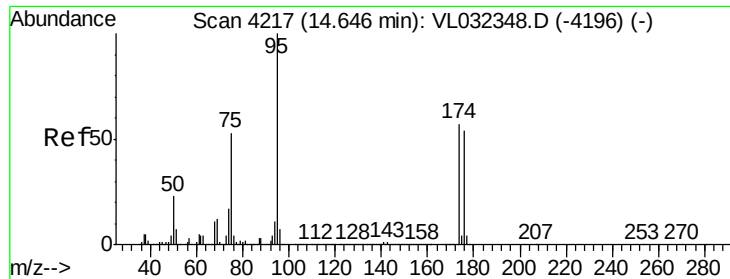
134 18.1 14.4 21.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V





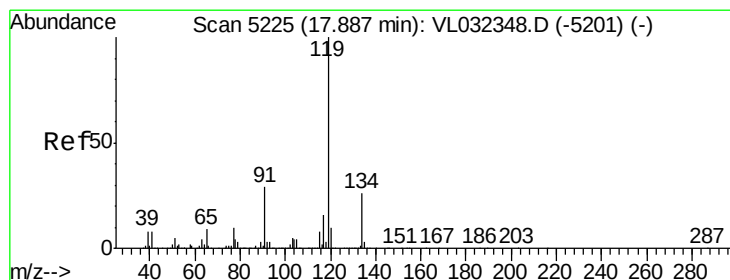
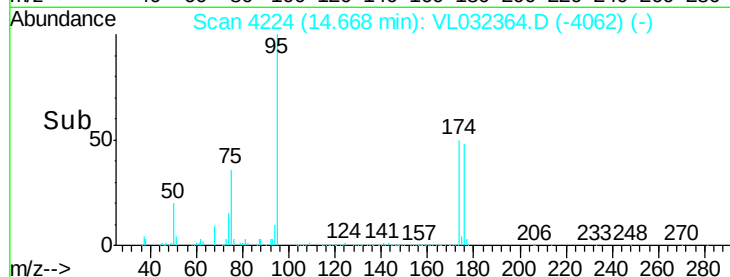
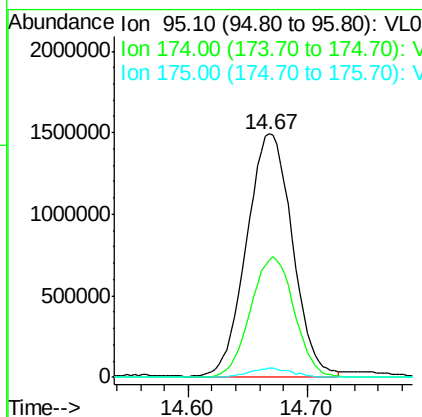
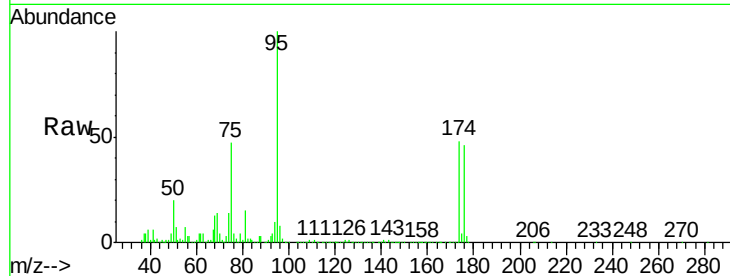
#68
 1-Bromo-4-Fluorobenzene
 Concen: 12.14 ppbv
 RT: 14.67 min Scan# 4224
 Delta R.T. 0.02 min
 Lab File: VL032364.D
 Acq: 15 Aug 2018 23:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SS08-MIVI

Tot Ion: 95 Resp: 3957280
 Ion Ratio Lower Upper
 95 100
 174 47.9 46.2 69.4
 175 3.6 3.4 5.0

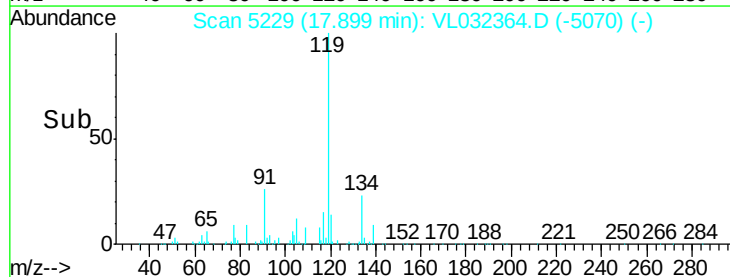
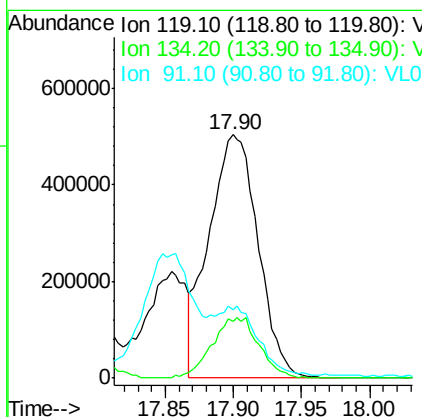
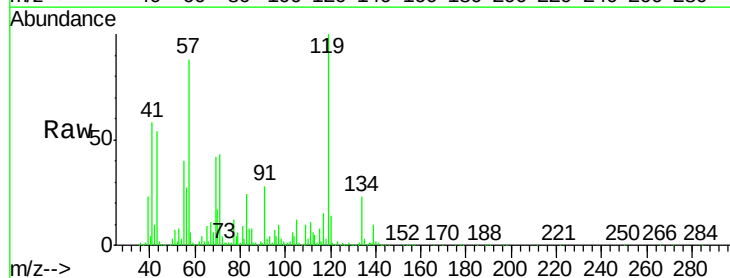
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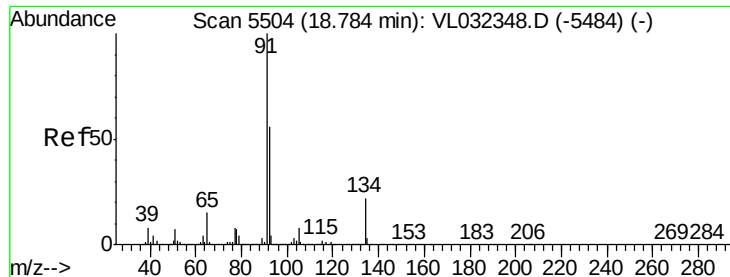
MMDadoda
 8/17/2018 2:06:44 PM



#69
 p-Isopropyltoluene
 Concen: 2.12 ppbv
 RT: 17.90 min Scan# 5229
 Delta R.T. 0.01 min
 Lab File: VL032364.D
 Acq: 15 Aug 2018 23:15

Tgt Ion: 119 Resp: 1258171
 Ion Ratio Lower Upper
 119 100
 134 23.8 20.4 30.6
 91 21.4 23.6 35.4#





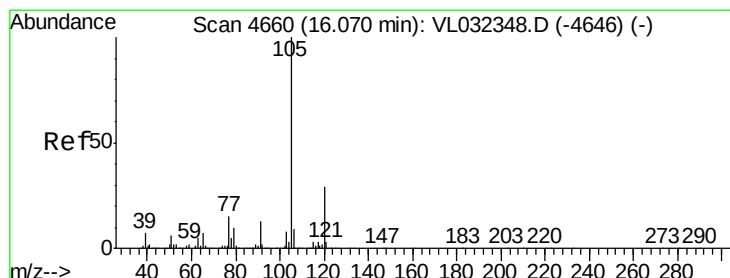
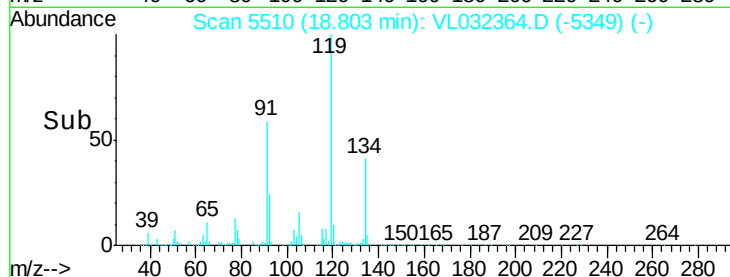
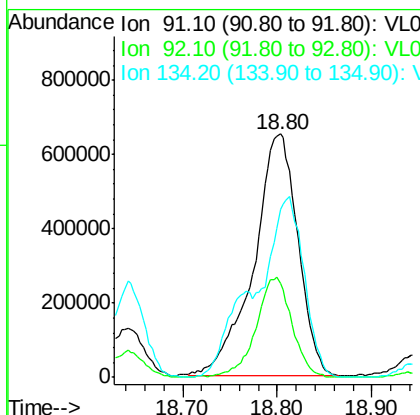
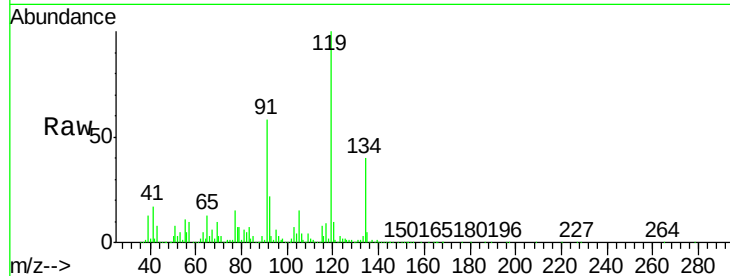
#70
n-Butylbenzene
Concen: 3.23 ppbv
RT: 18.80 min Scan# 5510
Delta R.T. 0.02 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVI

Tot Ion	Ratio	Lower	Upper
91	100		
92	33.5	43.9	65.9#
134	84.1	17.3	25.9#

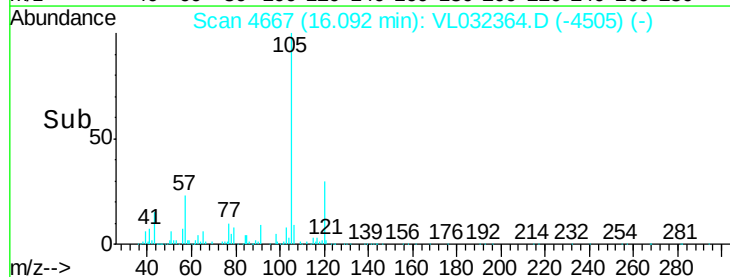
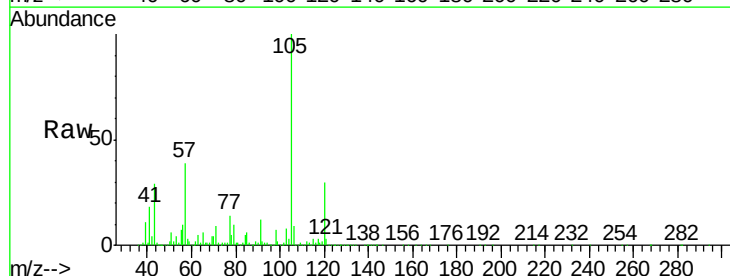
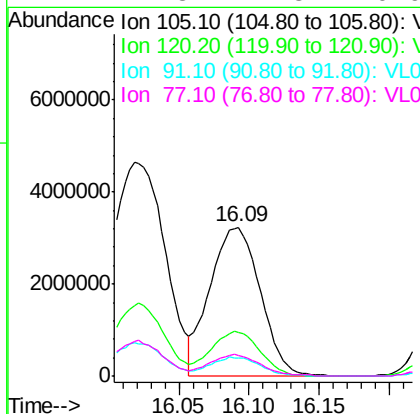
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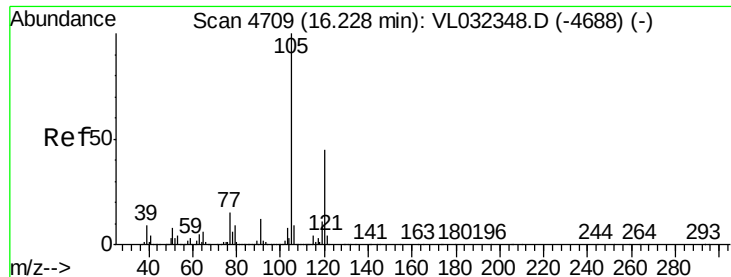
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#72
4-Ethyltoluene
Concen: 16.79 ppbv
RT: 16.09 min Scan# 4667
Delta R.T. 0.02 min
Lab File: VL032364.D
Acq: 15 Aug 2018 23:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.2	23.4	35.0
91	12.8	10.0	15.0
77	14.3	11.3	16.9





#73

1,3,5-Trimethylbenzene

Concen: 16.35 ppbv

RT: 16.24 min Scan# 4714

Delta R.T. 0.02 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion:105 Resp: 7529026

Ion Ratio Lower Upper

105 100

120 46.9

36.3

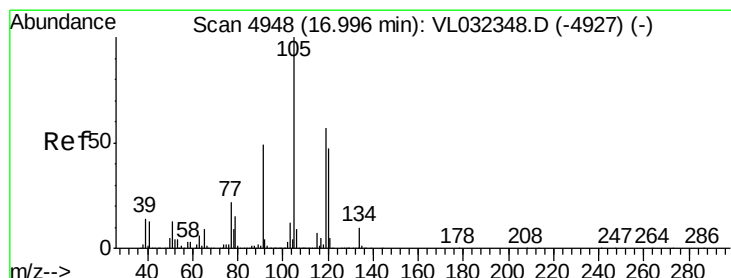
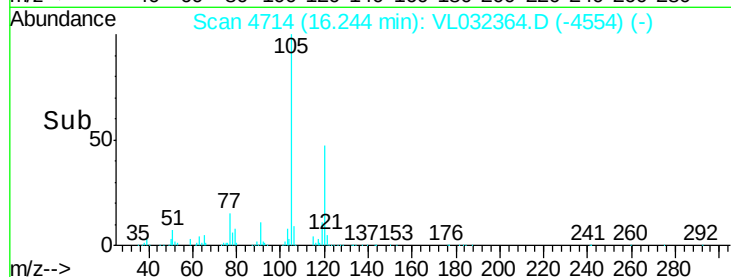
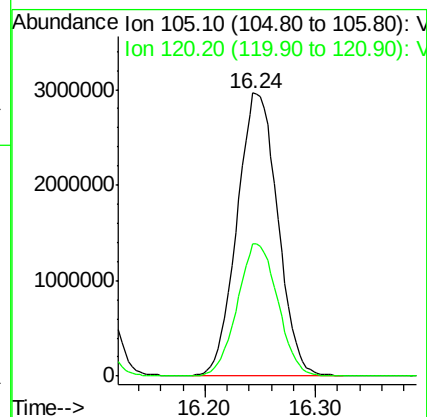
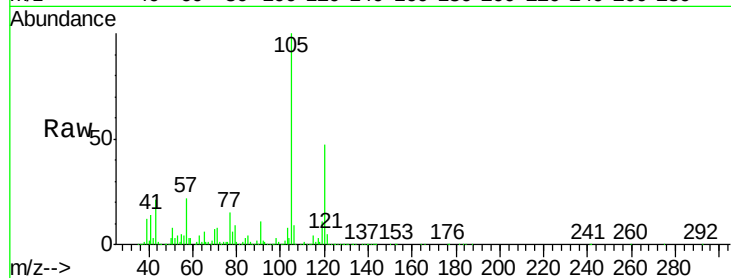
54.5

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#74

1,2,4-Trimethylbenzene

Concen: 33.12 ppbv

RT: 17.02 min Scan# 4954

Delta R.T. 0.02 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Tgt Ion:105 Resp:16225110

Ion Ratio Lower Upper

105 100

120 49.1

37.6

56.4

91 13.0

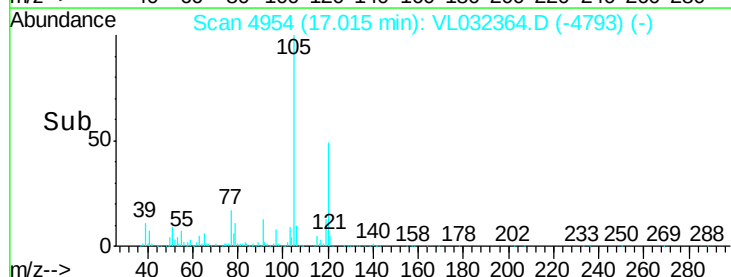
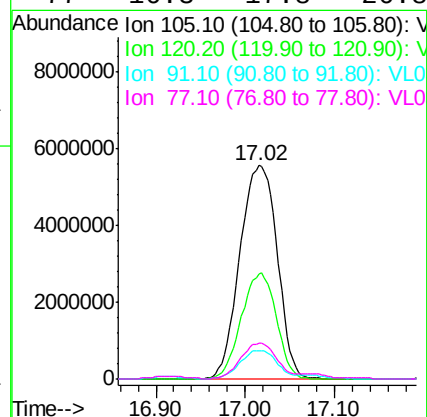
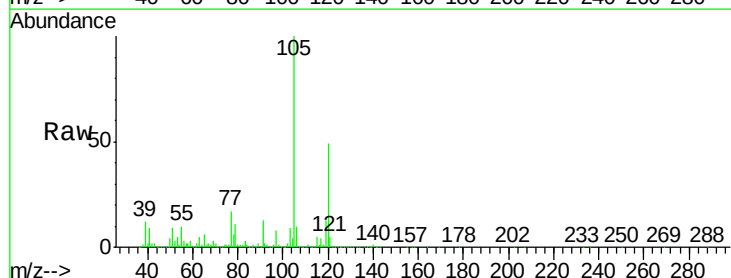
39.9

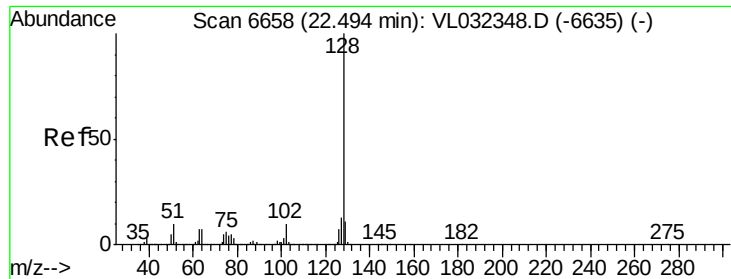
59.9#

77 16.3

17.8

26.8#





#79

Naphthalene

Concen: 1.15 ppbv

RT: 22.50 min Scan# 6660

Delta R.T. 0.01 min

Lab File: VL032364.D

Acq: 15 Aug 2018 23:15

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVI

Tot Ion:	128	Resp:	388808
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.2	8.6	13.0

Manual Integrations
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