

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
 Data File : VL026244.D
 Acq On : 21 Oct 2015 19:05
 Operator : SY/MD
 Sample : G4128-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFF

Manual Integrations
 APPROVED

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 10/22/2015 4:35:58 PM

Quant Time: Oct 22 14:11:45 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 22 2015
 QLast Update : Wed Oct 21 01:20:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.62	49	466976	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.30	114	1356813	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.71	117	1705022	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	16.25	95	1332855	10.14	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.62	85	14052	0.15	ppbv	94
3) Chlorodifluoromethane	3.55	51	41773m	0.71	ppbv	
4) Chloromethane	3.73	50	228838	7.17	ppbv	100
6) Bromomethane	4.12	94	1665	0.07	ppbv	98
7) Chloroethane	4.22	64	3855	0.27	ppbv #	79
9) Propene	3.57	41	20989	0.76	ppbv	92
10) Heptane	9.32	43	24459	0.26	ppbv	100
11) Trichlorofluoromethane	4.67	101	199346	2.10	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.28	101	13153	0.20	ppbv	97
13) Ethanol	4.31	45	6940	1.67	ppbv	93
15) Acetone	4.57	43	876417	12.75	ppbv	100
18) 1,1-Dichloroethene	5.06	96	14167	0.48	ppbv	93
20) Methylene Chloride	5.12	84	25009	0.91	ppbv	94
22) trans-1,2-Dichloroethene	5.74	96	25459	0.67	ppbv	94
26) Hexane	6.63	57	49123	0.76	ppbv #	49
27) Carbon Disulfide	5.36	76	12453	0.15	ppbv #	40
29) Chloroform	6.72	83	25056	0.27	ppbv	97
31) cis-1,2-Dichloroethene	6.49	61	2757449	47.16	ppbv	97
32) 1,1,1-Trichloroethane	7.57	97	17030	0.16	ppbv	96
34) 2-Butanone	6.18	43	175461	2.29	ppbv	100
35) Carbon Tetrachloride	8.13	117	3870	0.04	ppbv #	75
36) Benzene	7.99	78	37563	0.27	ppbv	97
37) 1,2-Dichloroethane	7.35	62	13310	0.19	ppbv #	94
38) Trichloroethene	9.03	130	1782450	26.59	ppbv	97
41) Tetrahydrofuran	7.12	42	13124	0.30	ppbv	94
50) 4-Methyl-2-Pentanone	10.07	43	14641	0.14	ppbv #	79
51) 2-Hexanone	11.59	43	65917	0.68	ppbv #	100
52) Tetrachloroethene	12.77	164	4227511	53.34	ppbv	98
53) Toluene	11.20	91	50941	0.27	ppbv	99
58) Ethyl Benzene	14.38	91	17551	0.06	ppbv	100
59) m/p-Xylene	14.66	91	68324	0.32	ppbv	96
60) o-Xylene	15.45	91	21372	0.09	ppbv	97
64) n-propylbenzene	17.48	120	4029	0.05	ppbv #	11
73) 1,3,5-Trimethylbenzene	17.95	105	29620	0.12	ppbv	97
74) 1,2,4-Trimethylbenzene	18.79	105	87059	0.34	ppbv #	74
76) 1,4-Dichlorobenzene	19.23	146	49908	0.29	ppbv	99

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

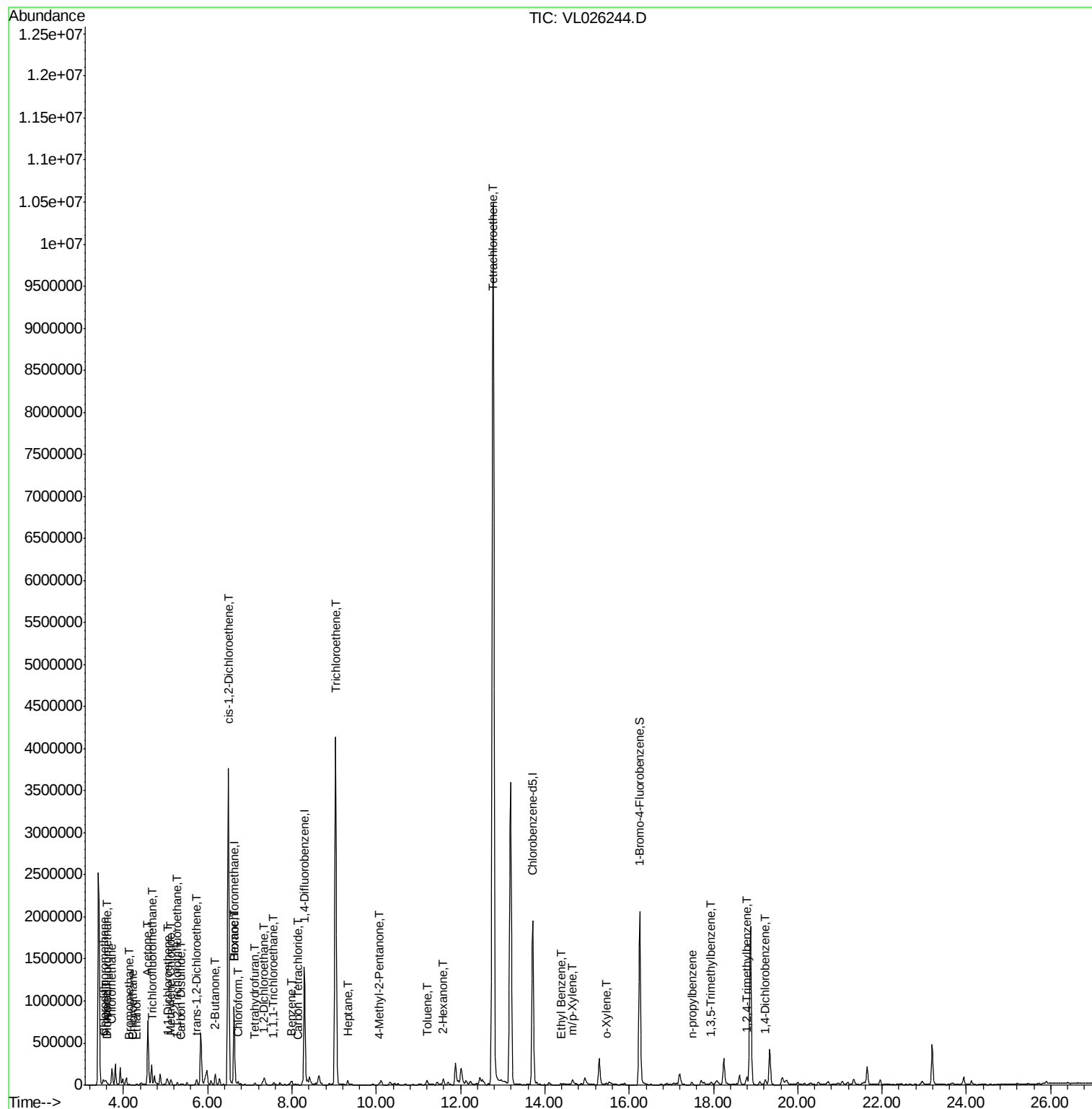
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102115\
Data File : VL026244.D
Acq On : 21 Oct 2015 19:05
Operator : SY/MD
Sample : G4128-02
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

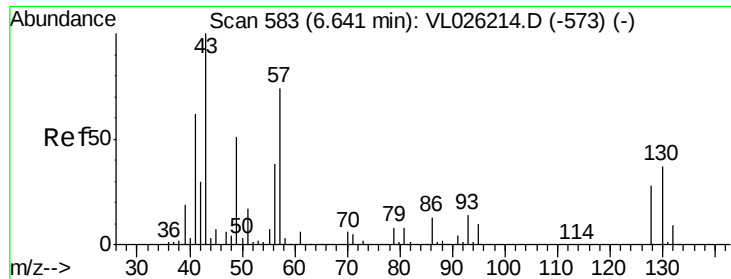
Instrument :
MSVOA_L
ClientSampleId :
EFF

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Quant Time: Oct 22 14:11:45 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.62 min Scan# 580

Delta R.T. -0.02 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

ClientSampleId :

EFF

Tot Ion: 49 Resp: 466976

Ion Ratio Lower Upper

49 100

128 56.8 28.2 84.7

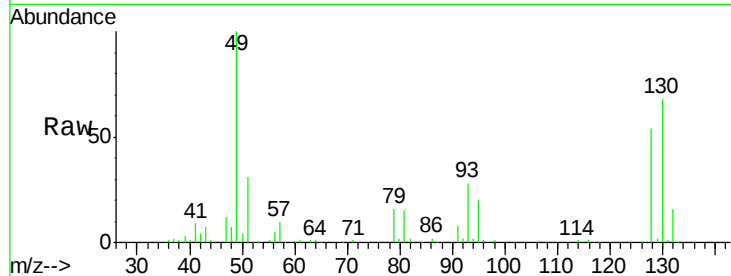
130 72.4 36.0 108.1

Manual Integrations

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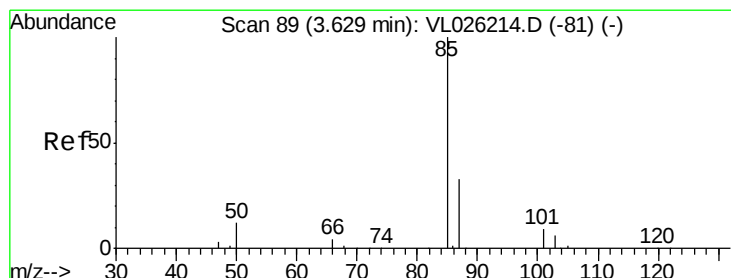
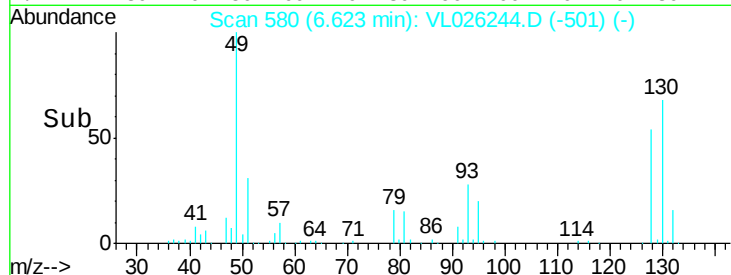
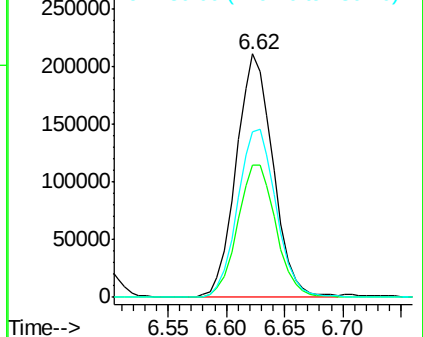
10/22/2015 4:35:58 PM



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



#2

Dichlorodifluoromethane

Concen: 0.15 ppbv

RT: 3.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VL026244.D

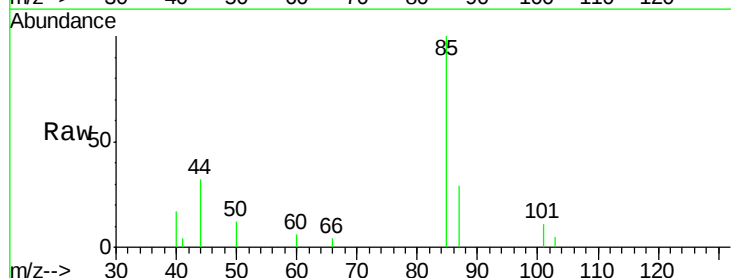
Acq: 21 Oct 2015 19:05

Tgt Ion: 85 Resp: 14052

Ion Ratio Lower Upper

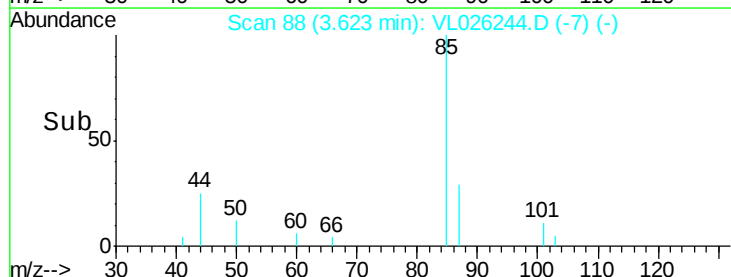
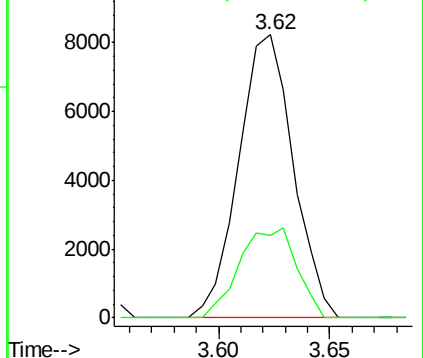
85 100

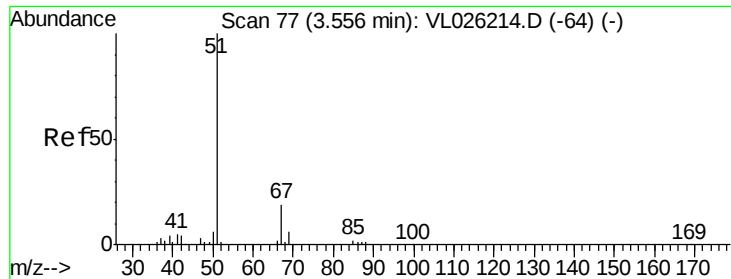
87 29.3 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.71 ppbv m

RT: 3.55 min Scan# 76

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

ClientSampleId :

EFF

Tot Ion: 51 Resp: 41773

Ion Ratio Lower Upper

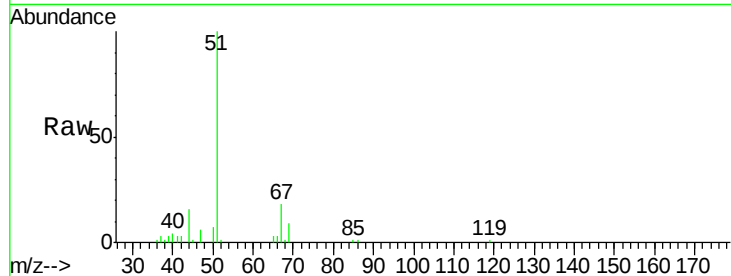
51 100

67 23.5 15.3 22.9#

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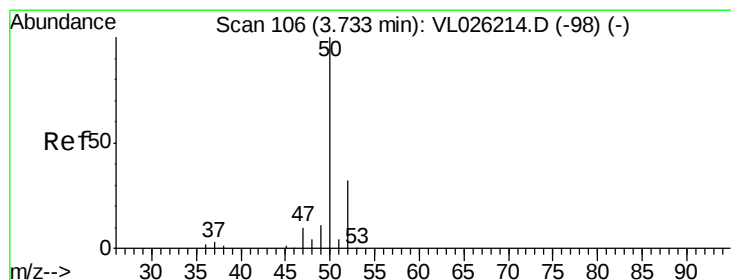
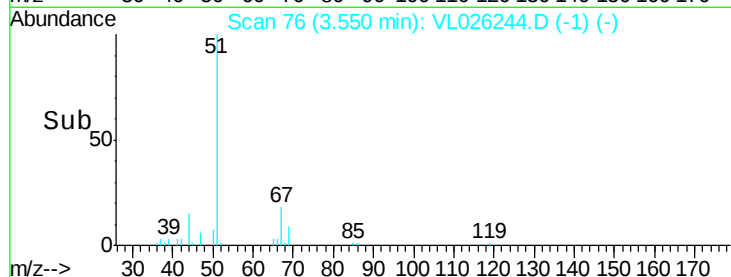
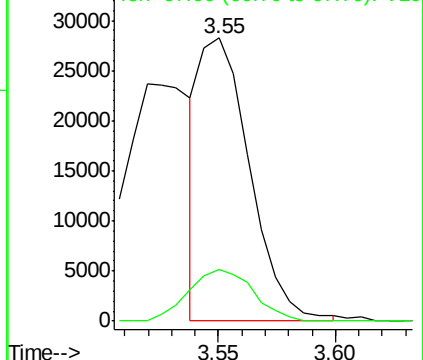
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 7.17 ppbv

RT: 3.73 min Scan# 105

Delta R.T. -0.01 min

Lab File: VL026244.D

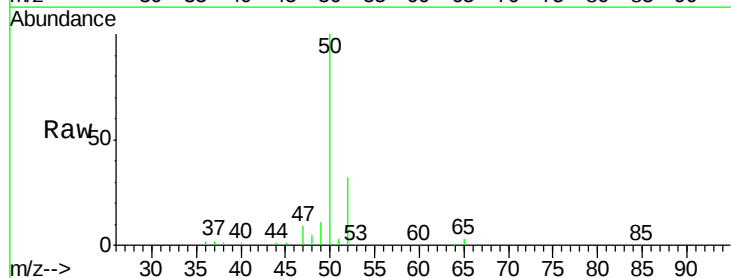
Acq: 21 Oct 2015 19:05

Tgt Ion: 50 Resp: 228838

Ion Ratio Lower Upper

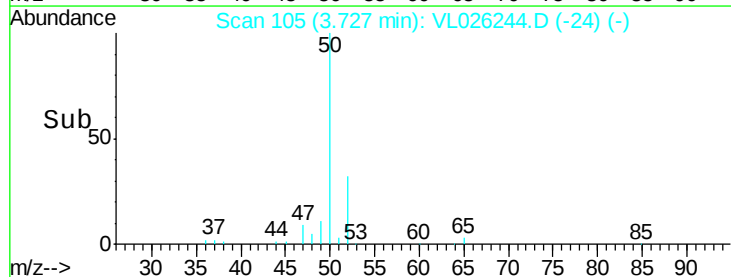
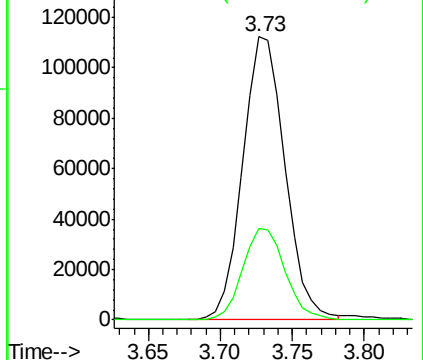
50 100

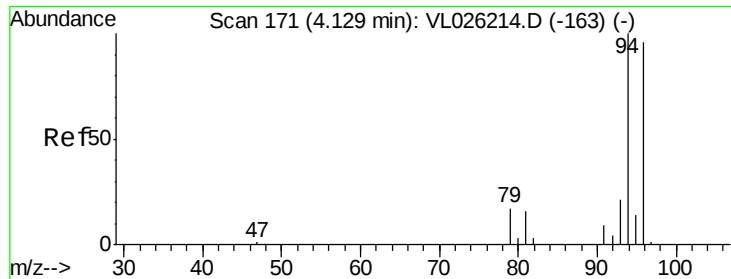
52 32.2 25.8 38.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#6

Bromomethane

Concen: 0.07 ppbv

RT: 4.12 min Scan# 170

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

ClientSampled :

EFF

Tot Ion: 94 Resp: 1665

Ion Ratio Lower Upper

94 100

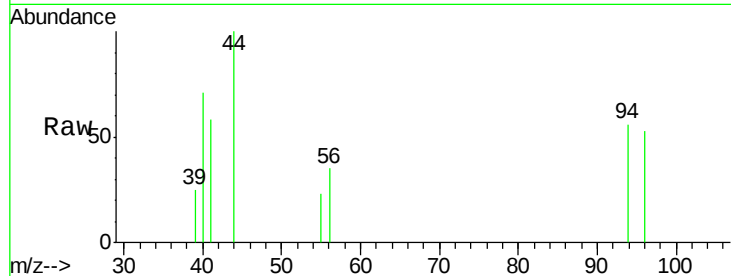
96 94.1 76.5 114.7

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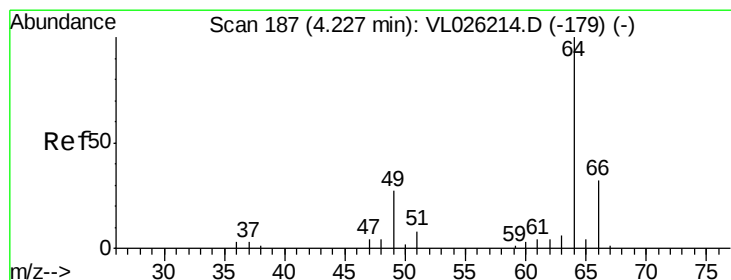
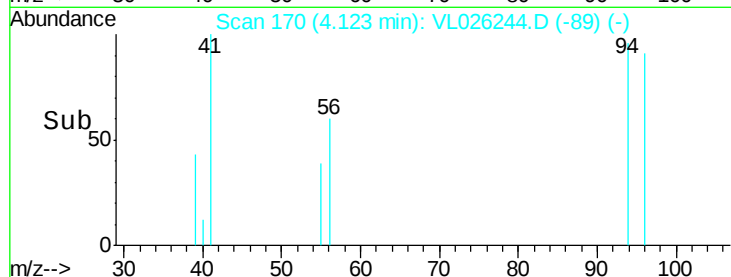
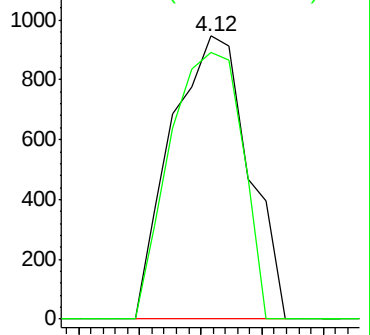
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Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



#7

Chloroethane

Concen: 0.27 ppbv

RT: 4.22 min Scan# 186

Delta R.T. -0.01 min

Lab File: VL026244.D

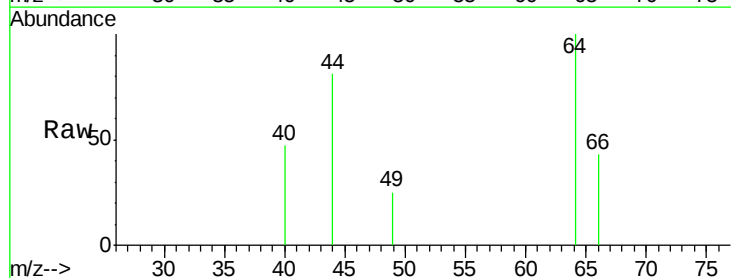
Acq: 21 Oct 2015 19:05

Tgt Ion: 64 Resp: 3855

Ion Ratio Lower Upper

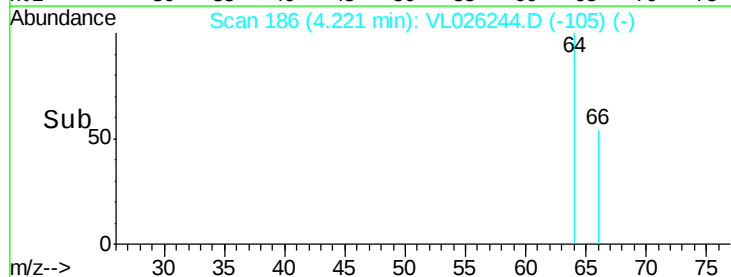
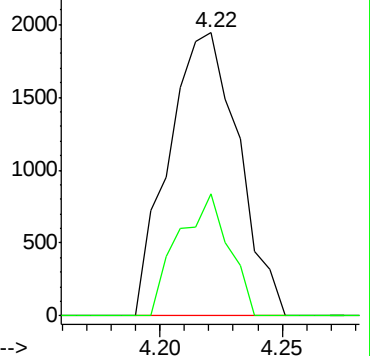
64 100

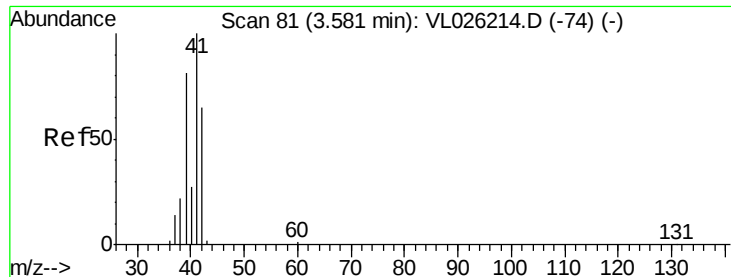
66 43.2 25.4 38.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.76 ppbv

RT: 3.57 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

ClientSampled :

EFF

Tot Ion: 41 Resp: 20989

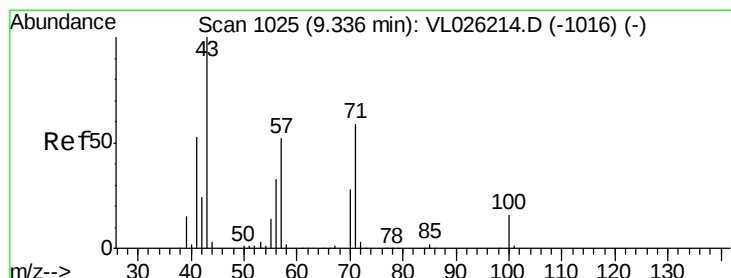
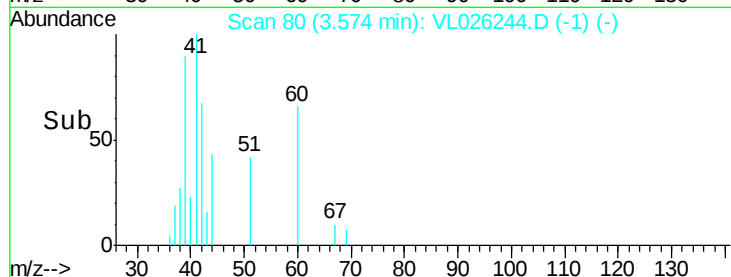
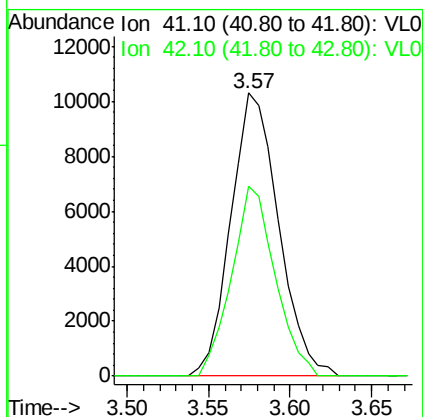
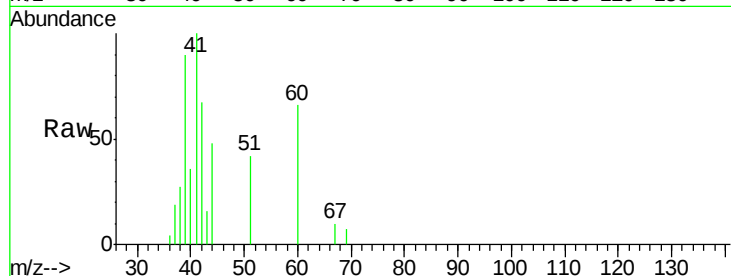
Ion Ratio Lower Upper

41 100

42 61.2 53.8 80.8

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#10

Heptane

Concen: 0.26 ppbv

RT: 9.32 min Scan# 1023

Delta R.T. -0.01 min

Lab File: VL026244.D

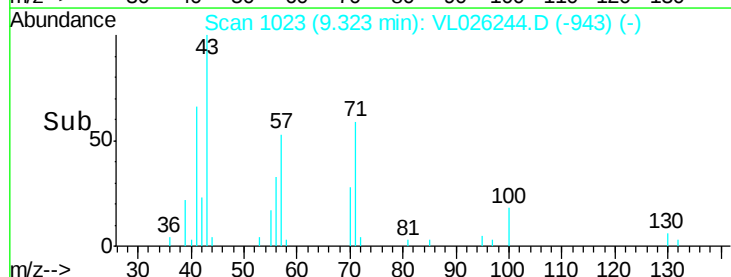
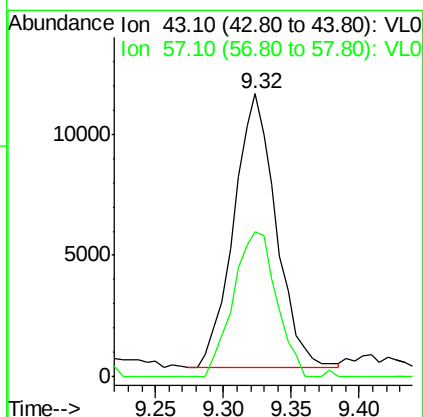
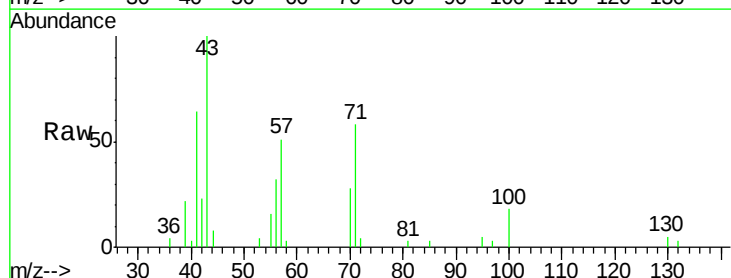
Acq: 21 Oct 2015 19:05

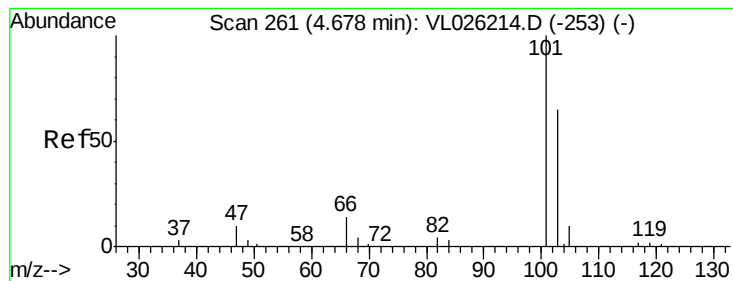
Tgt Ion: 43 Resp: 24459

Ion Ratio Lower Upper

43 100

57 54.5 43.7 65.5





#11

Trichlorofluoromethane

Concen: 2.10 ppbv

RT: 4.67 min Scan# 260

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

ClientSampled :

EFF

Tot Ion:101 Resp: 199346

Ion Ratio Lower Upper

101 100

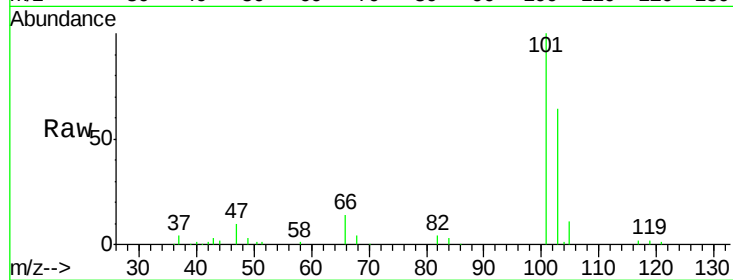
103 63.7 52.2 78.2

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

120000

100000

80000

60000

40000

20000

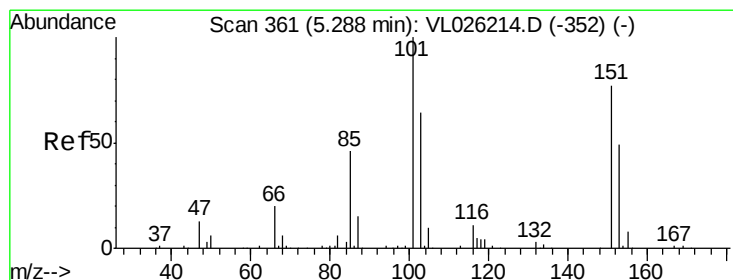
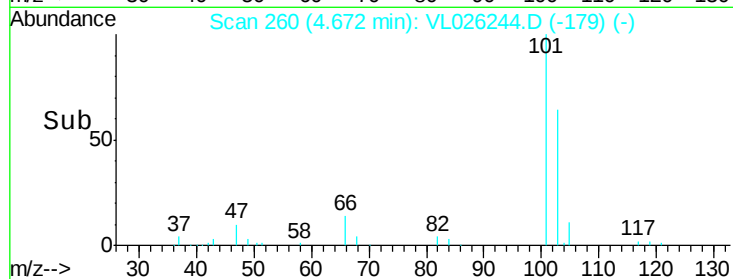
0

4.60

4.65

4.70

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.20 ppbv

RT: 5.28 min Scan# 359

Delta R.T. -0.01 min

Lab File: VL026244.D

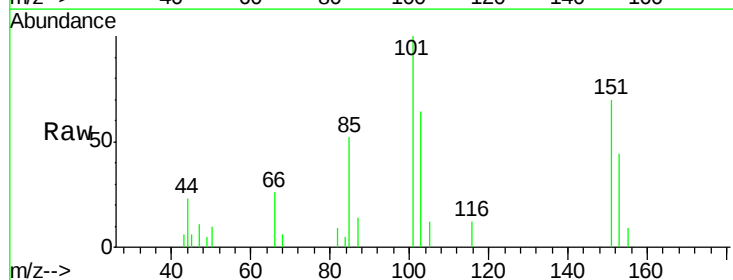
Acq: 21 Oct 2015 19:05

Tgt Ion:101 Resp: 13153

Ion Ratio Lower Upper

101 100

151 74.8 61.7 92.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

6000

4000

2000

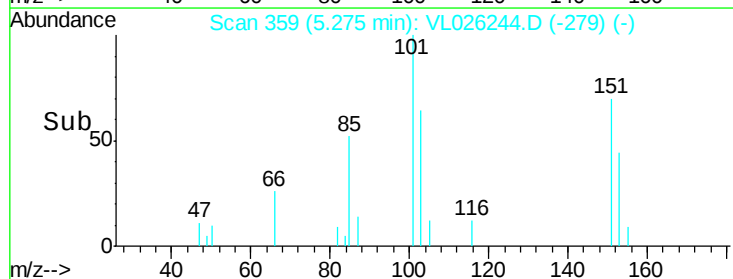
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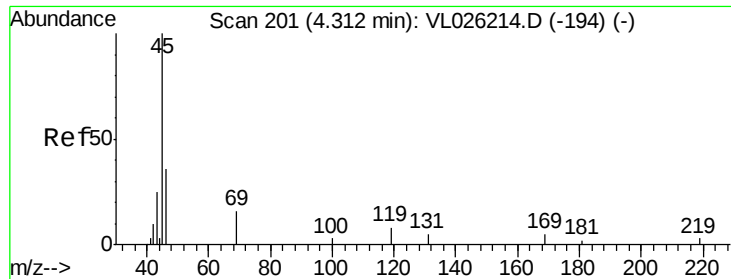
5.20

5.25

5.30

Time-->





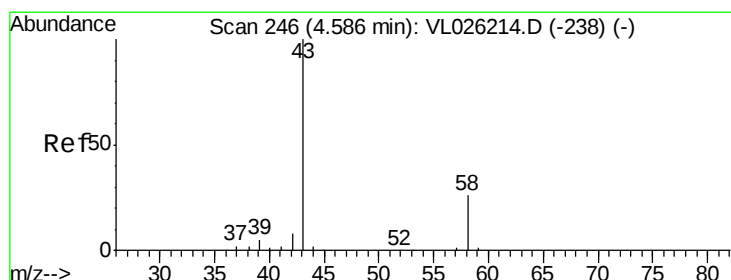
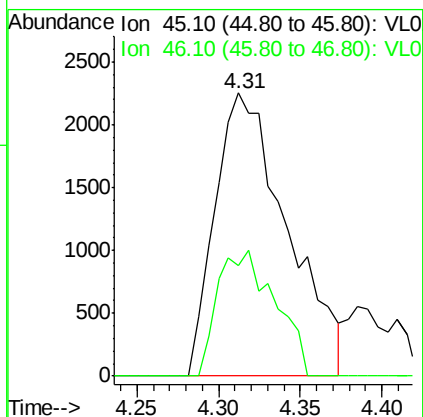
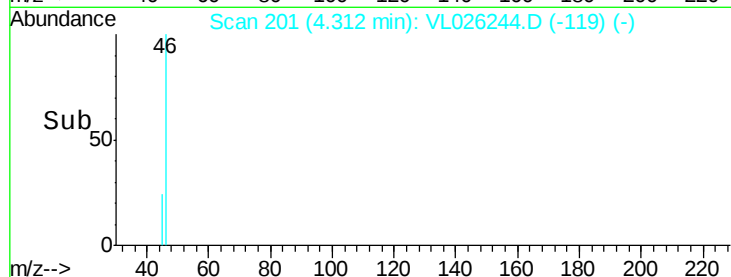
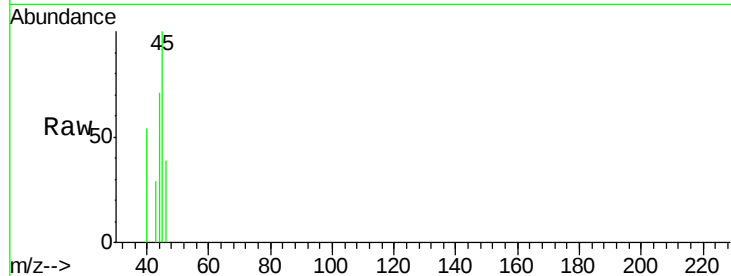
#13
Ethanol
Concen: 1.67 ppbv
RT: 4.31 min Scan# 201
Delta R.T. -0.00 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Instrument :
MSVOA_L
ClientSampled :
EFF

Tot Ion	45	46	Ratio	Lower	Upper
45	100				
46	35.4			15.8	63.0

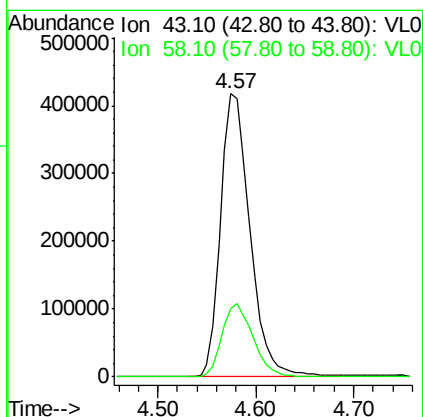
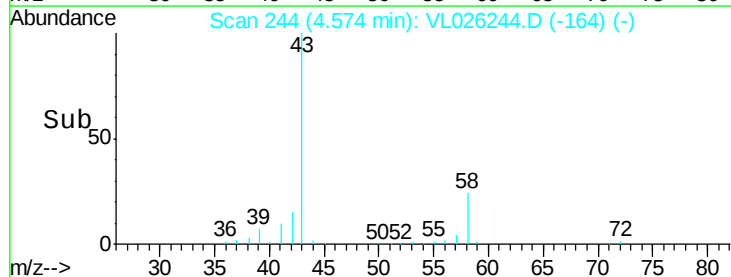
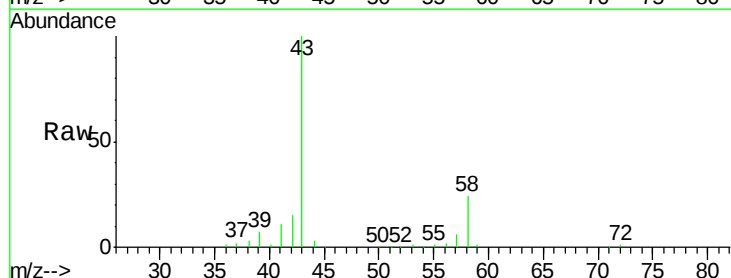
Manual Integrations
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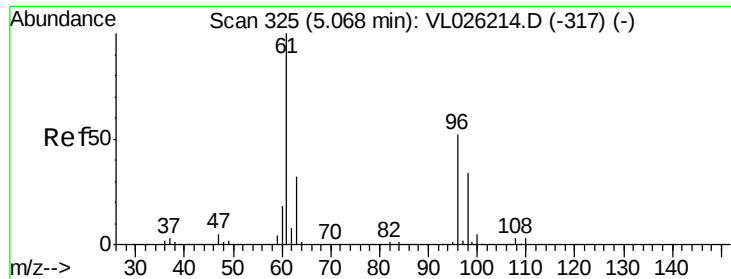
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#15
Acetone
Concen: 12.75 ppbv
RT: 4.57 min Scan# 244
Delta R.T. -0.01 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Tgt Ion	43	58	Ratio	Lower	Upper
43	100				
58	27.3			21.8	32.6





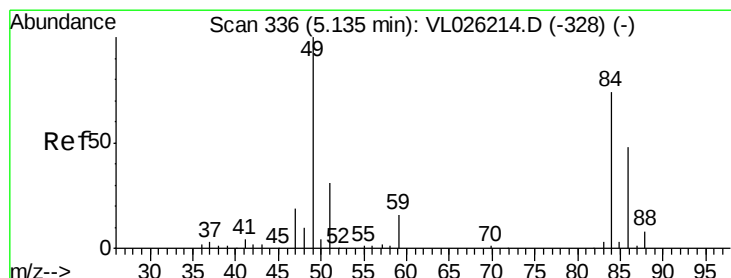
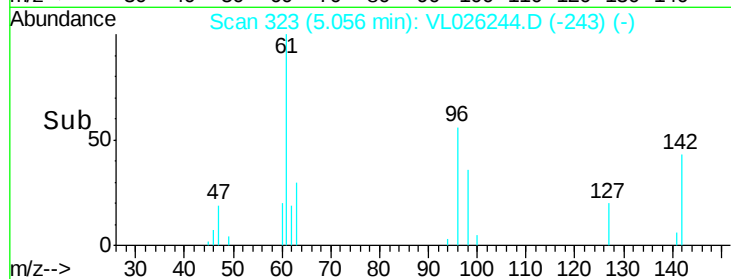
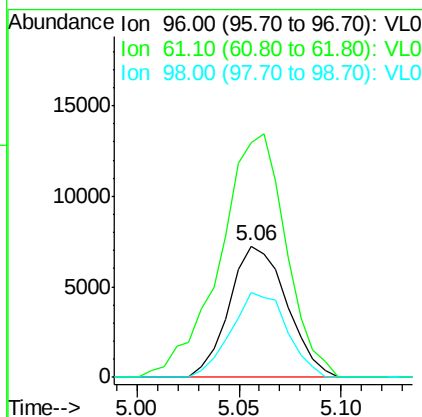
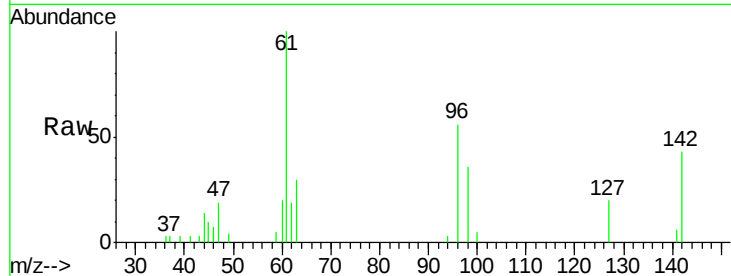
#18
 1,1-Dichloroethene
 Concen: 0.48 ppbv
 RT: 5.06 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Instrument :
 MSVOA_L
 ClientSampled :
 EFF

Tot Ion	Ratio	Lower	Upper
96	100		
61	178.2	153.7	230.5
98	64.5	51.6	77.4

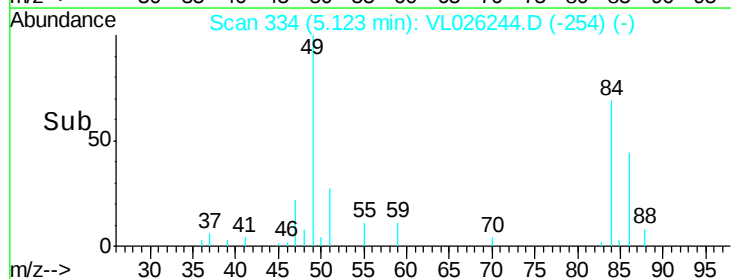
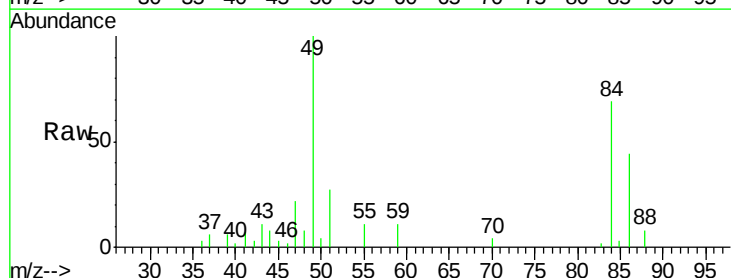
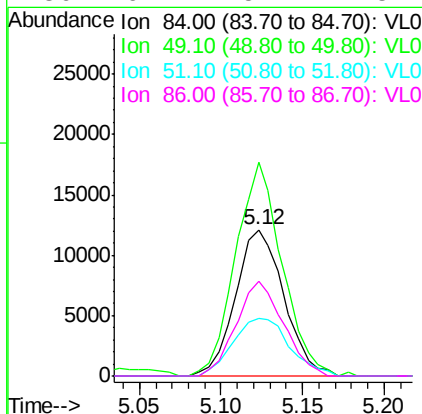
Manual Integrations
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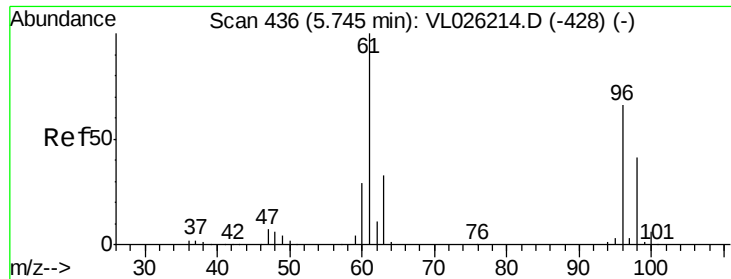
MMDadoda
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#20
 Methylene Chloride
 Concen: 0.91 ppbv
 RT: 5.12 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	145.9	108.7	163.1
51	39.8	33.7	50.5
86	64.4	52.2	78.2





#22

trans-1,2-Dichloroethene

Concen: 0.67 ppbv

RT: 5.74 min Scan# 435

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

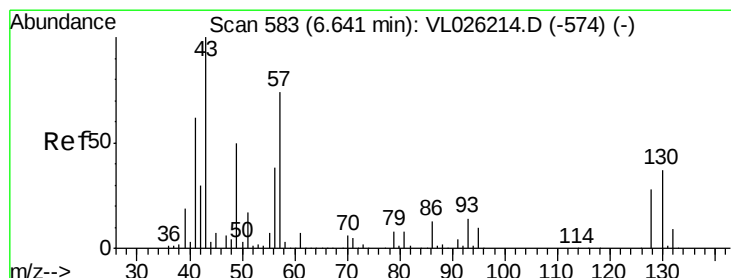
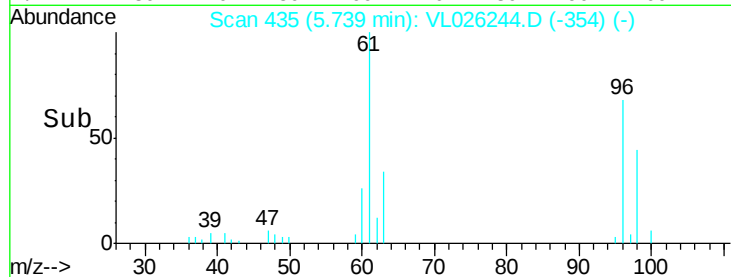
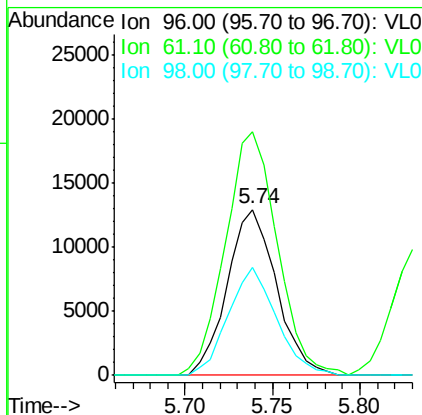
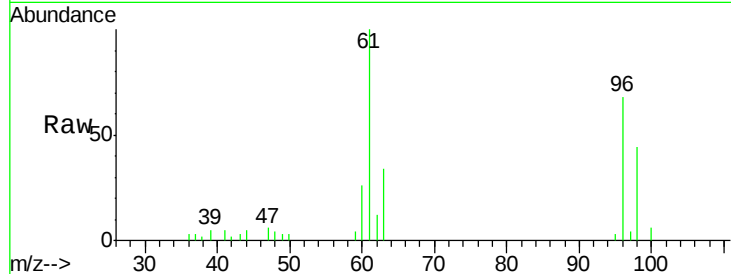
ClientSampled :

EFF

Tot Ion:	96	Resp:	25459
Ion	Ratio	Lower	Upper
96	100		
61	143.3	121.5	182.3
98	64.9	49.7	74.5

Manual Integrations
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#26

Hexane

Concen: 0.76 ppbv

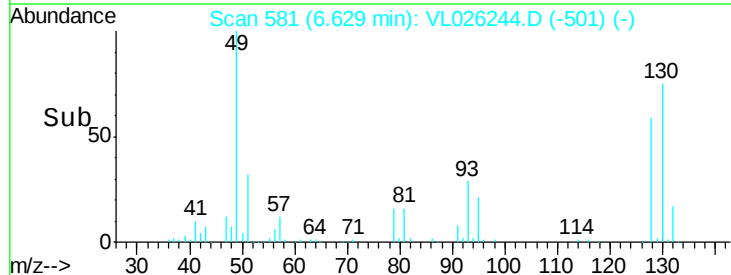
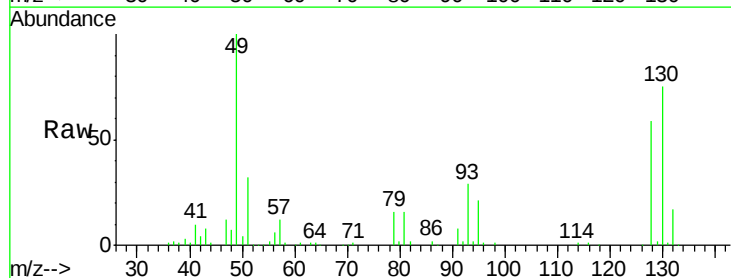
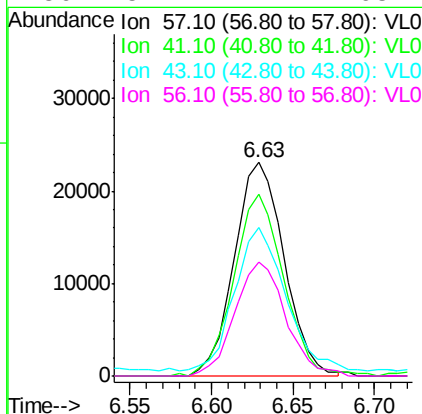
RT: 6.63 min Scan# 581

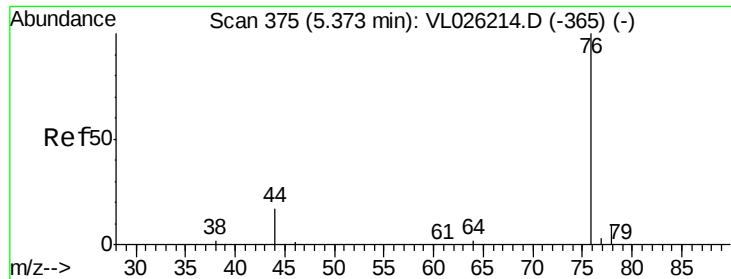
Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Tgt Ion:	57	Resp:	49123
Ion	Ratio	Lower	Upper
57	100		
41	85.8	68.1	102.1
43	73.6	163.4	245.2#
56	54.2	42.2	63.4





#27

Carbon Disulfide

Concen: 0.15 ppbv

RT: 5.36 min Scan# 373

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

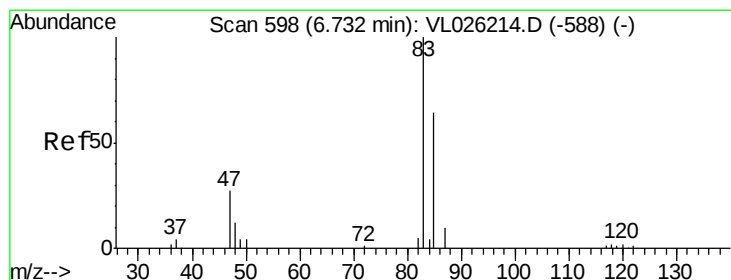
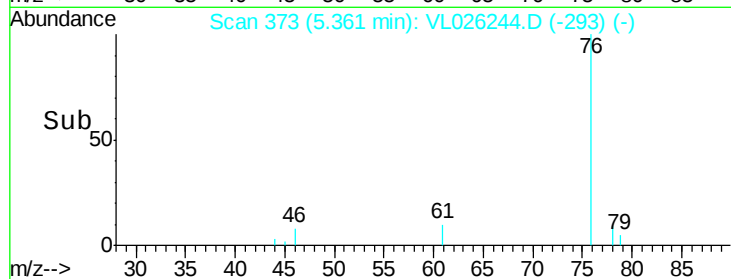
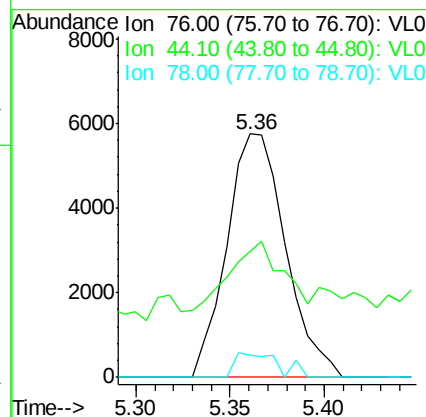
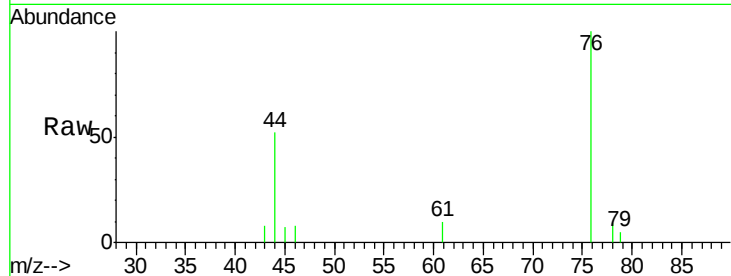
ClientSampled :

EFF

Tot Ion:	76	Resp:	12453
Ion Ratio	Lower	Upper	
76	100		
44	56.7	14.0	21.0#
78	7.4	7.4	11.2#

Manual Integrations
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#29

Chloroform

Concen: 0.27 ppbv

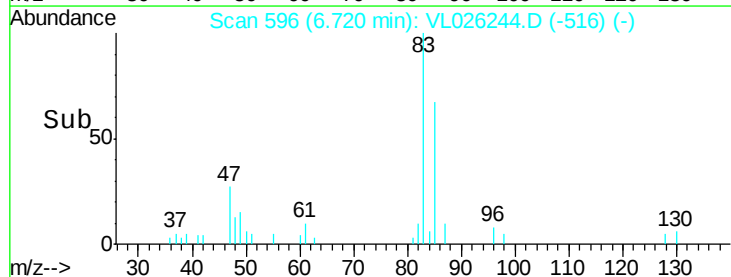
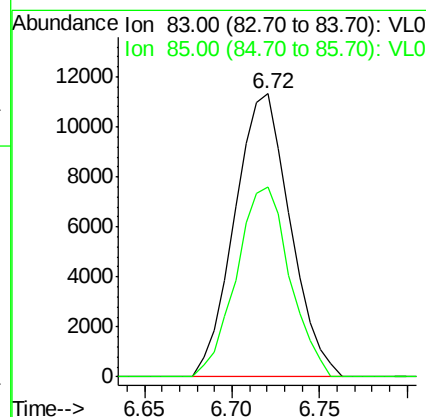
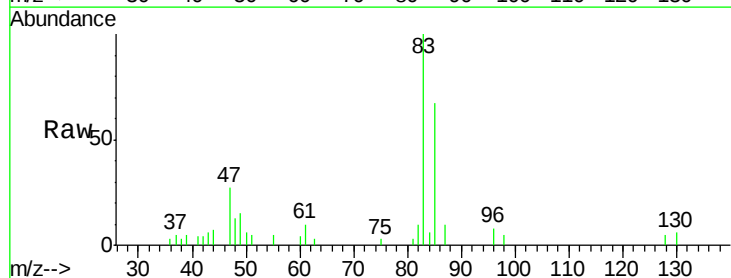
RT: 6.72 min Scan# 596

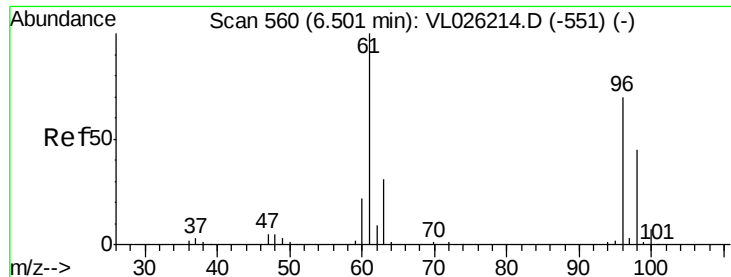
Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Tgt Ion:	83	Resp:	25056
Ion Ratio	Lower	Upper	
83	100		
85	66.9	51.5	77.3





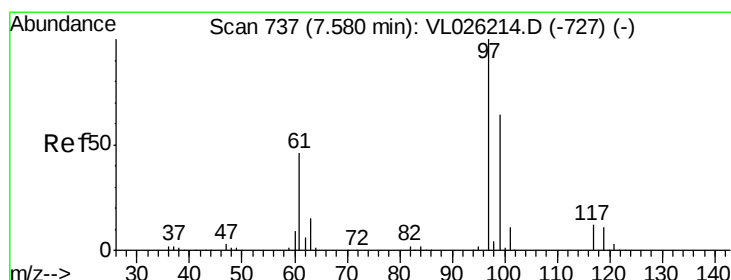
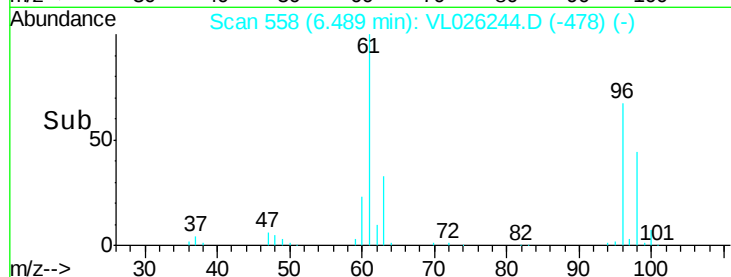
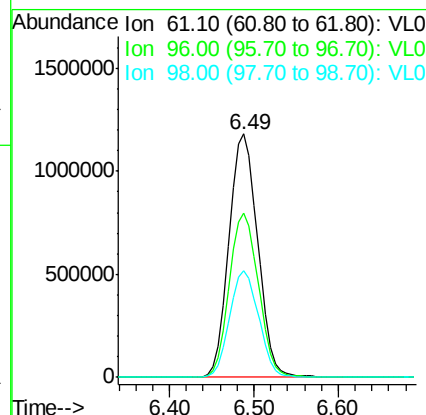
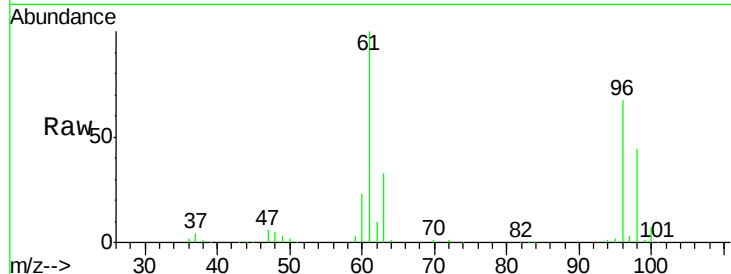
#31
 cis-1,2-Dichloroethene
 Concen: 47.16 ppbv
 RT: 6.49 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Instrument :
 MSVOA_L
 ClientSampleId :
 EFF

Tot Ion: 61 Resp: 2757449
 Ion Ratio Lower Upper
 61 100
 96 67.4 56.0 84.0
 98 44.0 36.1 54.1

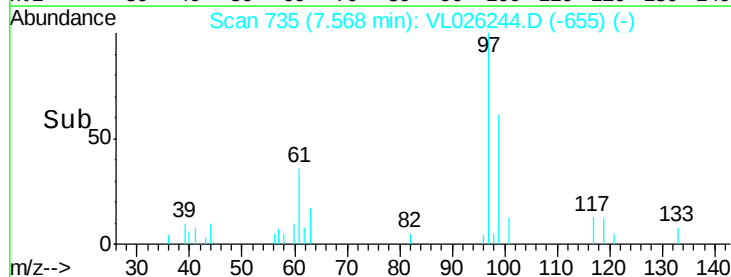
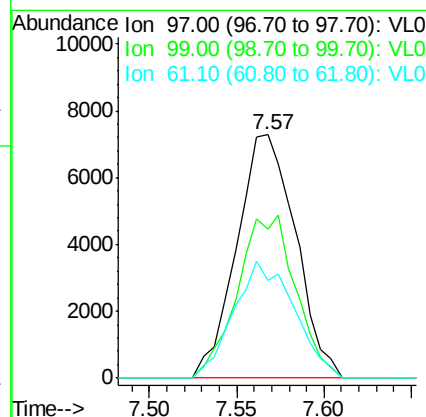
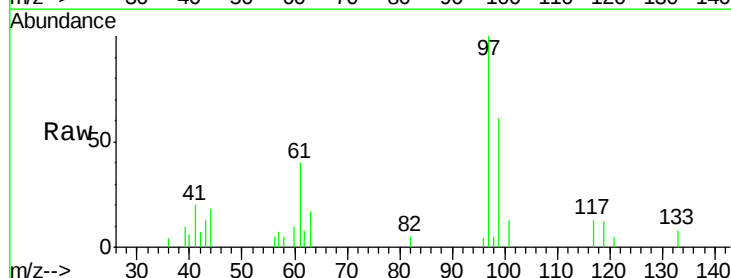
Manual Integrations
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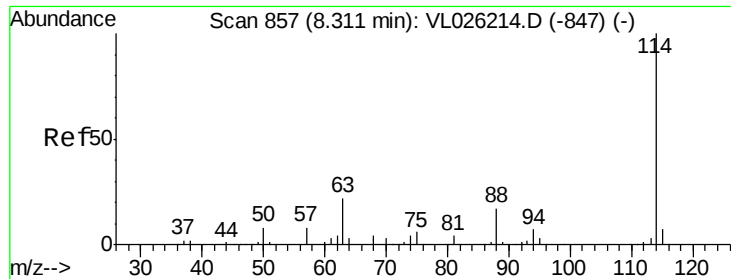
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#32
 1,1,1-Trichloroethane
 Concen: 0.16 ppbv
 RT: 7.57 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Tgt Ion: 97 Resp: 17030
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.4 77.0
 61 49.5 36.2 54.4





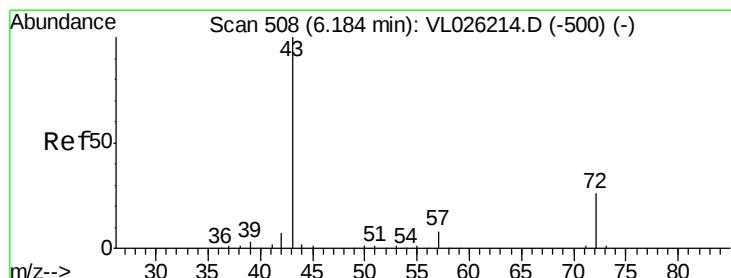
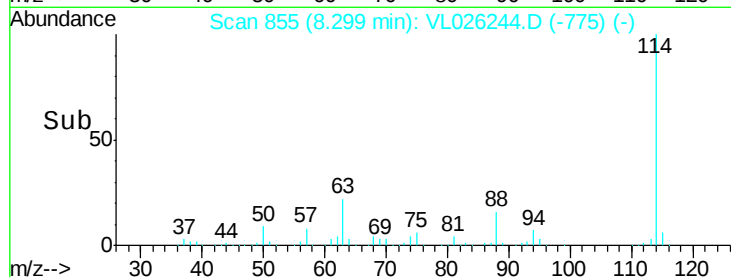
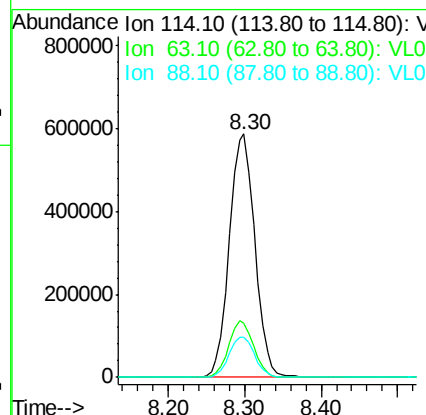
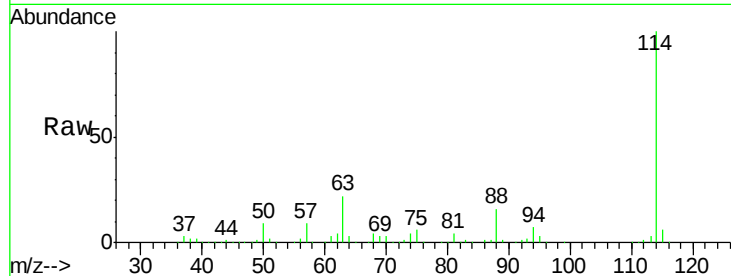
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.30 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Instrument :
 MSVOA_L
 ClientSampleId :
 EFF

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.6	18.2	27.4
88	16.7	13.5	20.3

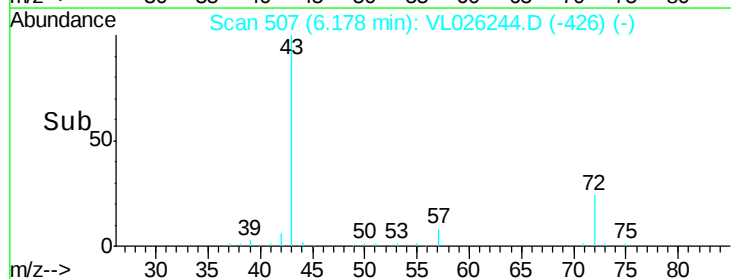
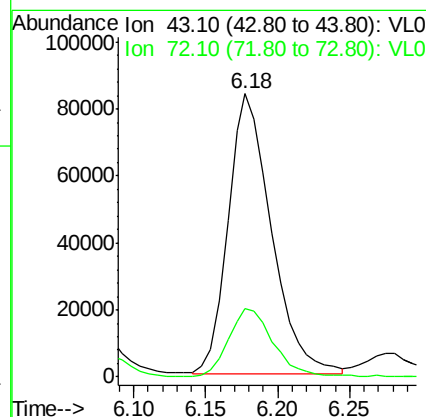
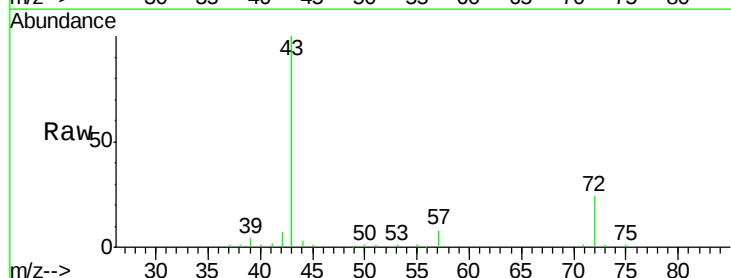
Manual Integrations
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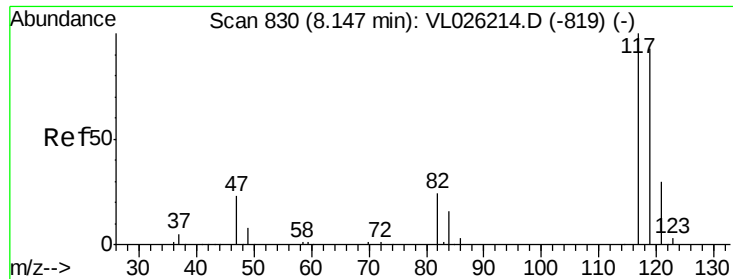
MMDadoda
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#34
 2-Butanone
 Concen: 2.29 ppbv
 RT: 6.18 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.3	20.1	30.1





#35

Carbon Tetrachloride

Concen: 0.04 ppbv

RT: 8.13 min Scan# 828

Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Instrument :

MSVOA_L

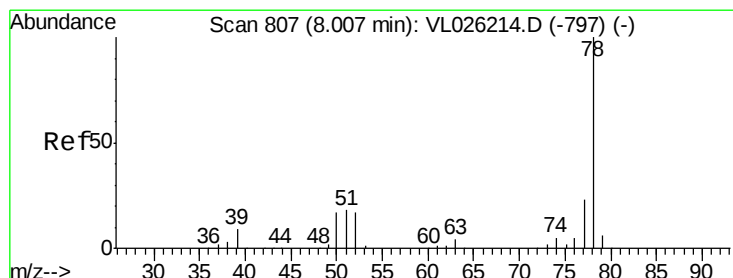
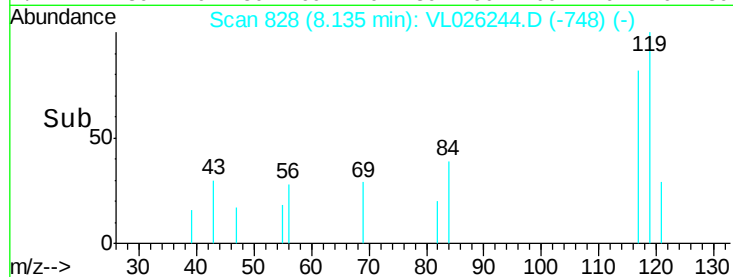
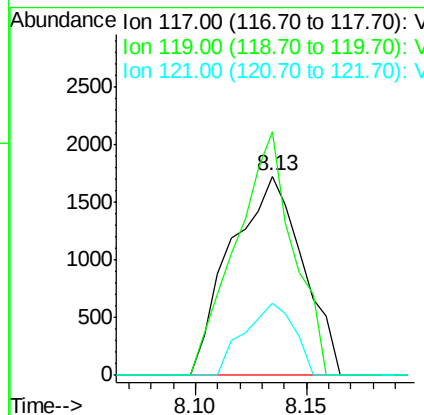
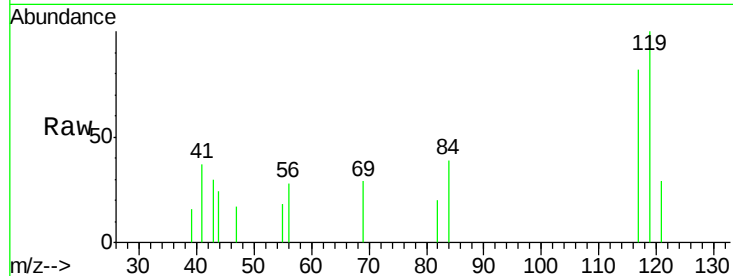
ClientSampled :

EFF

Tot Ion:117 Resp: 3870
 Ion Ratio Lower Upper
 117 100
 119 122.2 74.6 111.8#
 121 35.9 24.2 36.2

Manual Integrations
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#36

Benzene

Concen: 0.27 ppbv

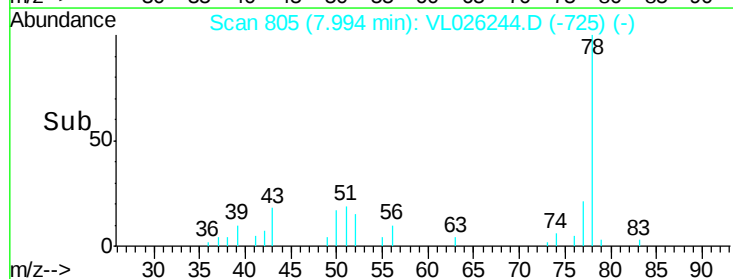
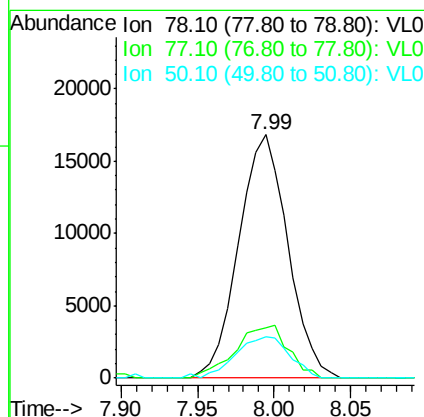
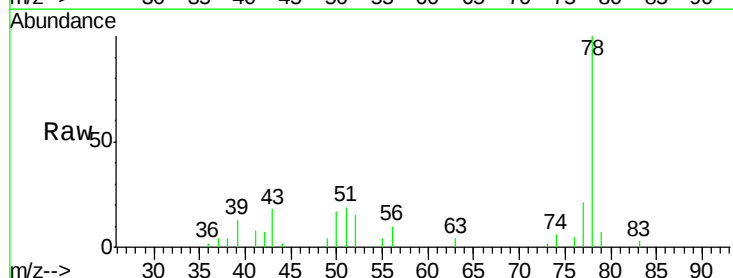
RT: 7.99 min Scan# 805

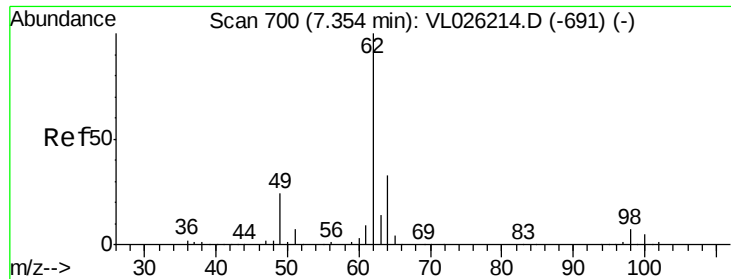
Delta R.T. -0.01 min

Lab File: VL026244.D

Acq: 21 Oct 2015 19:05

Tgt Ion: 78 Resp: 37563
 Ion Ratio Lower Upper
 78 100
 77 20.5 18.1 27.1
 50 17.1 13.8 20.8





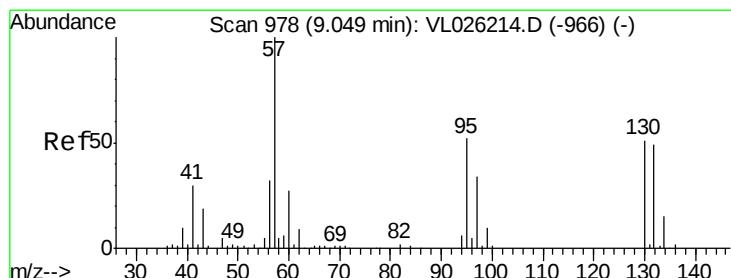
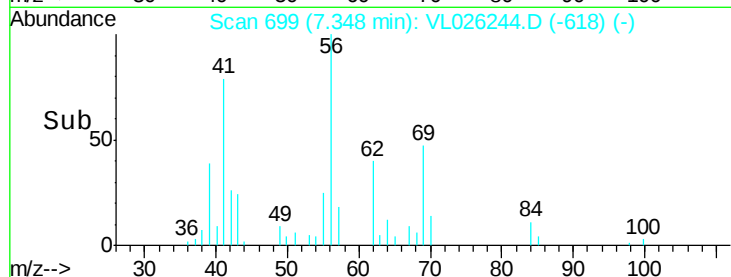
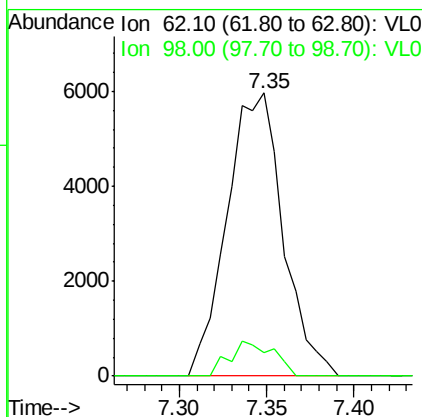
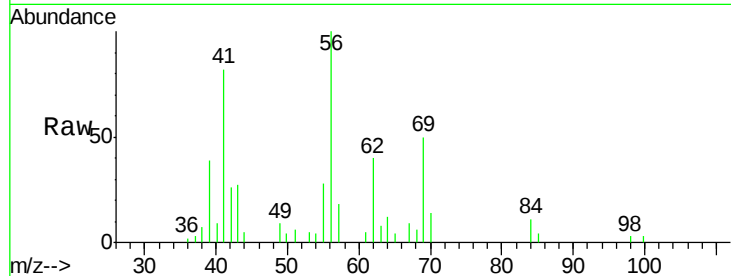
#37
 1,2-Dichloroethane
 Concen: 0.19 ppbv
 RT: 7.35 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Instrument :
 MSVOA_L
 ClientSampleId :
 EFF

Tot Ion	Ratio	Lower	Upper
62	100		
98	9.7	6.1	9.1#

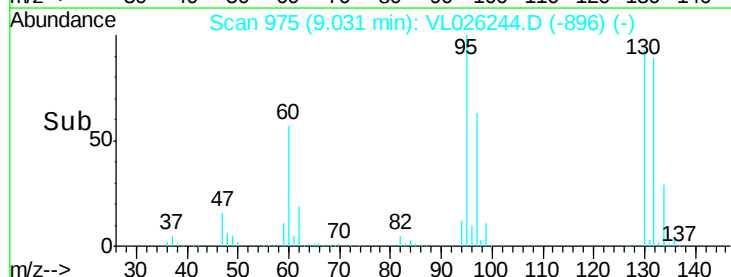
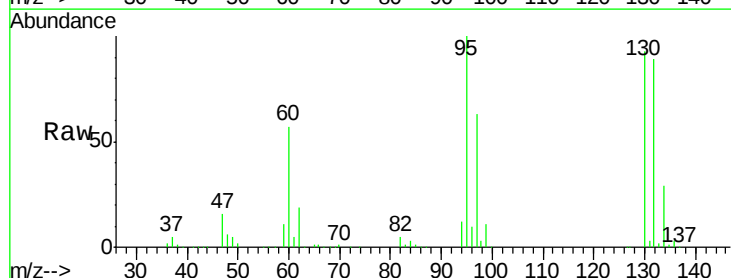
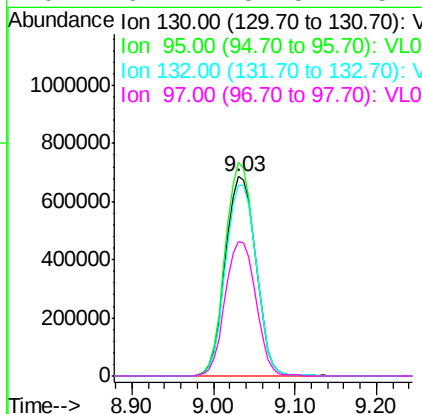
Manual Integrations
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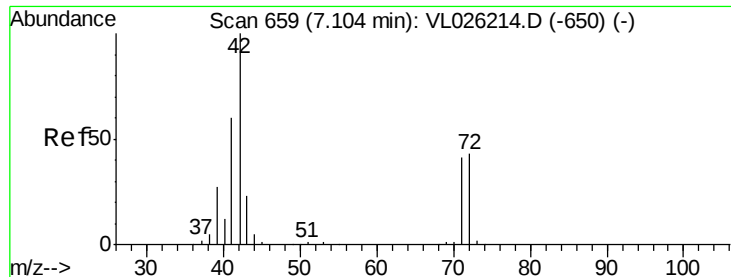
MMDadoda
 10/22/2015 4:35:58 PM



#38
 Trichloroethene
 Concen: 26.59 ppbv
 RT: 9.03 min Scan# 975
 Delta R.T. -0.02 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.0	81.0	121.4
132	95.7	76.5	114.7
97	67.4	52.5	78.7





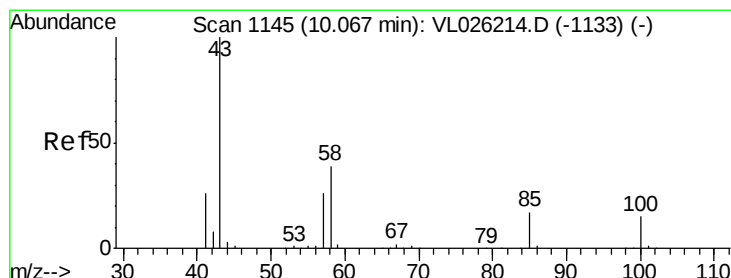
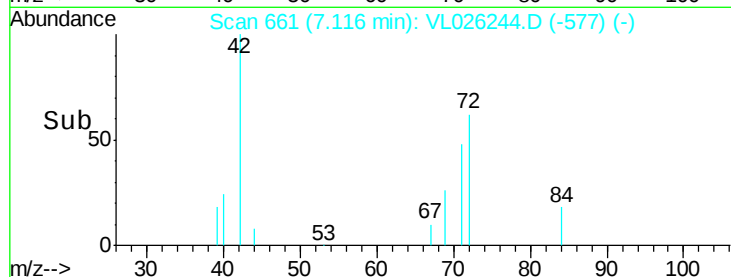
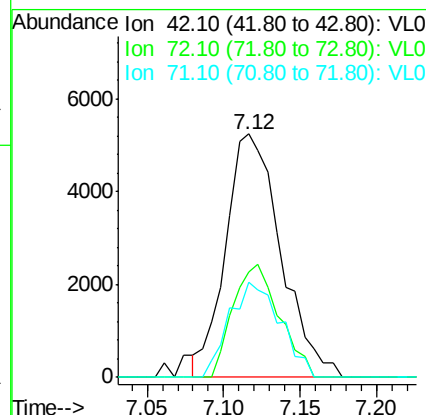
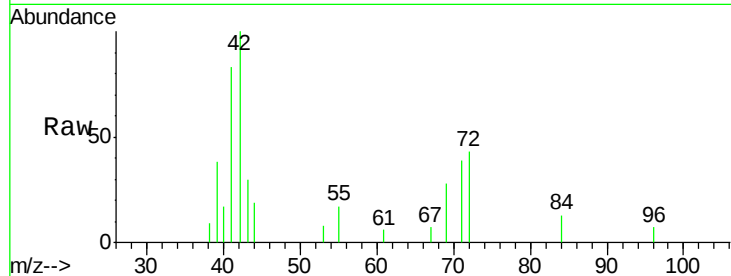
#41
Tetrahydrofuran
Concen: 0.30 ppbv
RT: 7.12 min Scan# 661
Delta R.T. 0.01 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Instrument :
MSVOA_L
ClientSampleId :
EFF

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	34.3	51.5
71	36.3	32.1	48.1

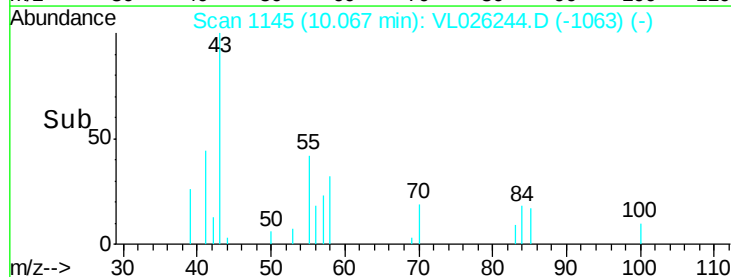
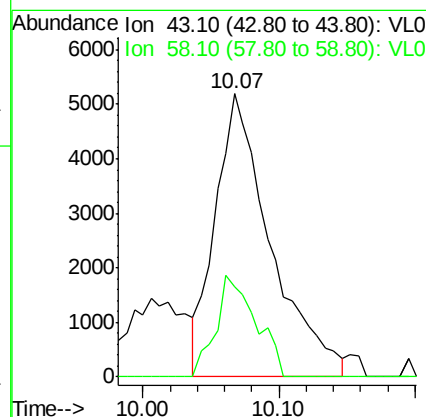
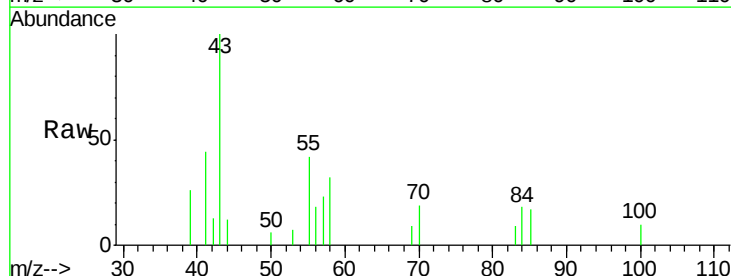
Manual Integrations
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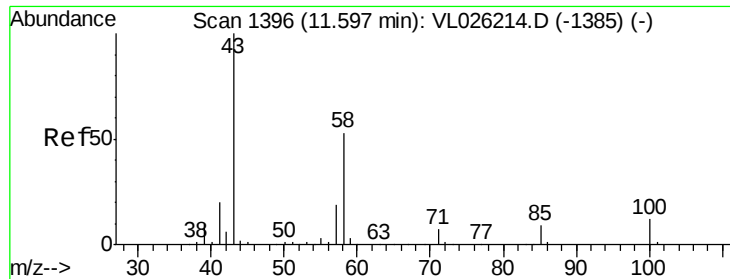
MMDadoda
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#50
4-Methyl-2-Pentanone
Concen: 0.14 ppbv
RT: 10.07 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.0	31.1	46.7





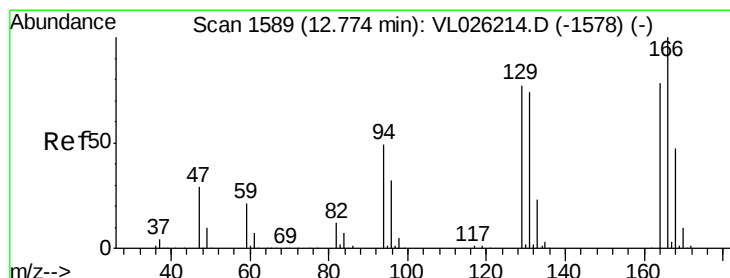
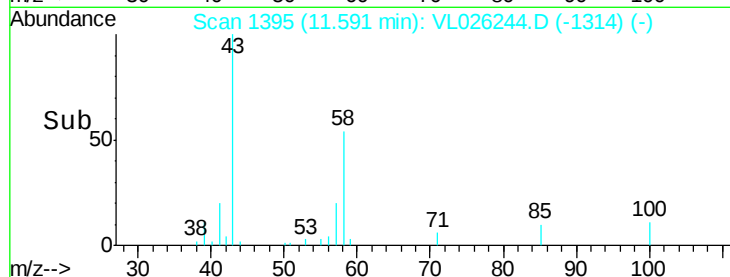
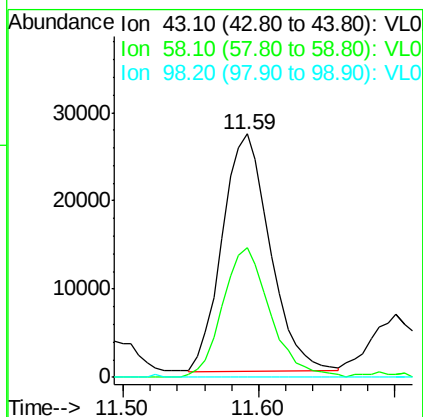
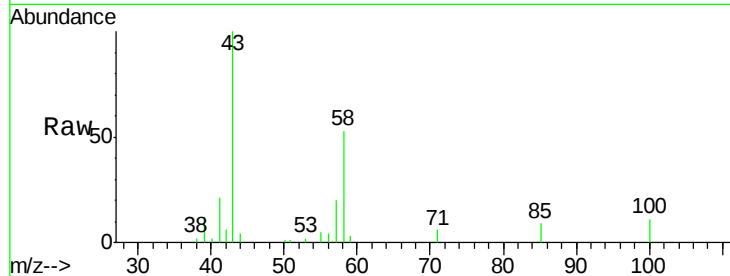
#51
2-Hexanone
Concen: 0.68 ppbv
RT: 11.59 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Instrument :
MSVOA_L
ClientSampleId :
EFF

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.2	64.8
98	0.0	0.0	0.0

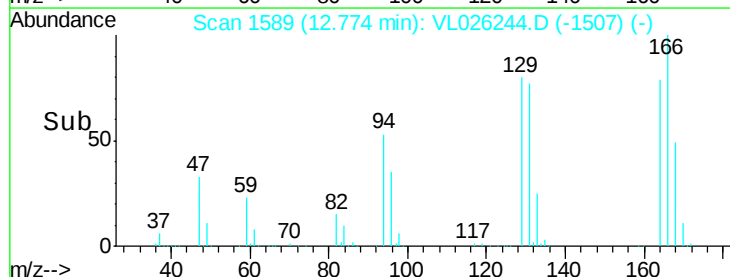
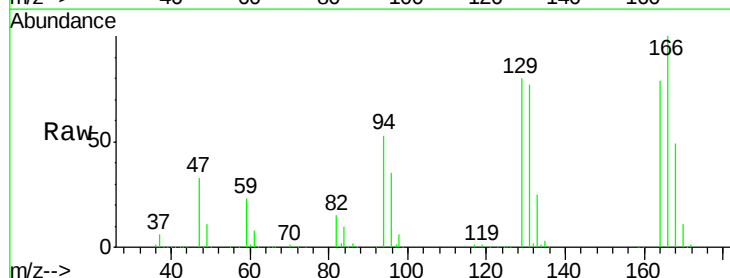
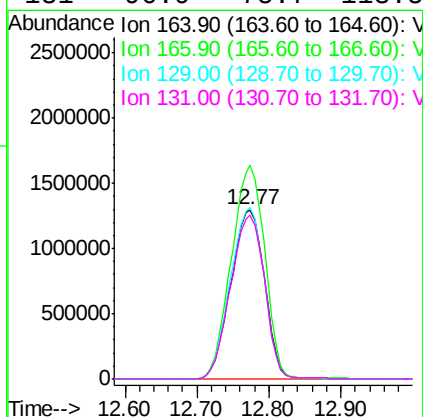
Manual Integrations
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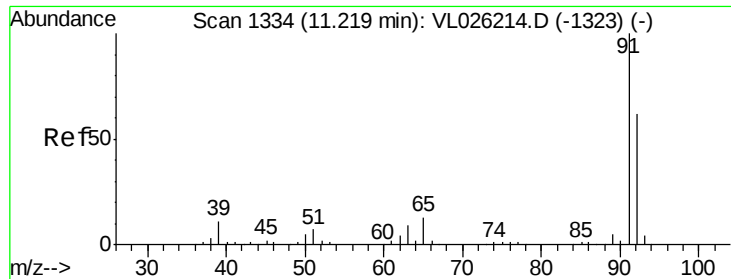
MMDadoda
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#52
Tetrachloroethene
Concen: 53.34 ppbv
RT: 12.77 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.3	153.5
129	101.6	78.2	117.4
131	96.9	75.7	113.5





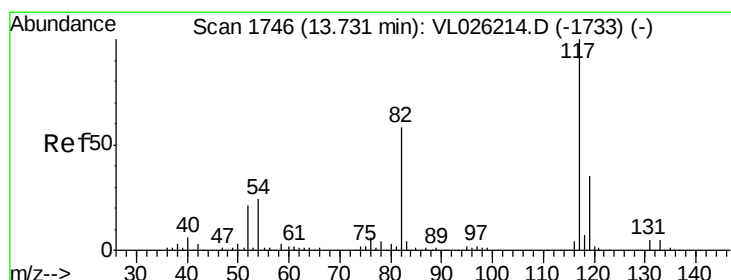
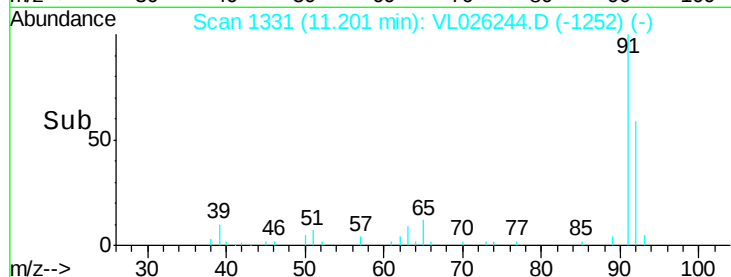
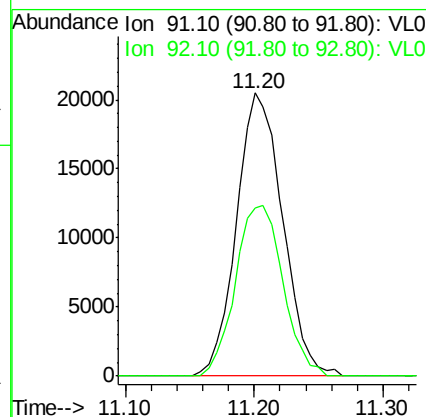
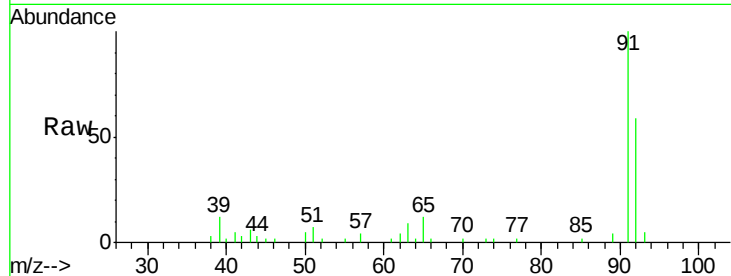
#53
Toluene
Concen: 0.27 ppbv
RT: 11.20 min Scan# 1331
Delta R.T. -0.02 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Instrument :
MSVOA_L
ClientSampled :
EFF

Tot Ion: 91 Resp: 50941
Ion Ratio Lower Upper
91 100
92 62.0 49.2 73.8

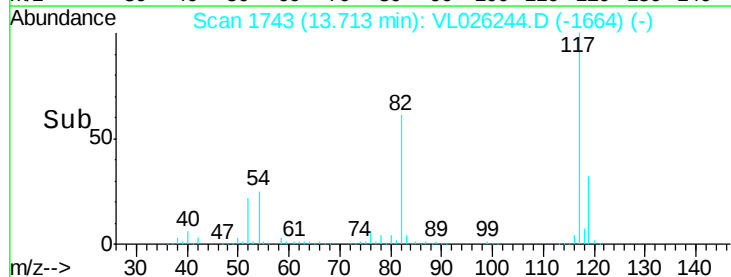
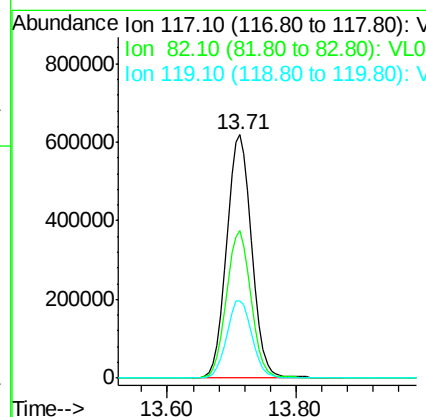
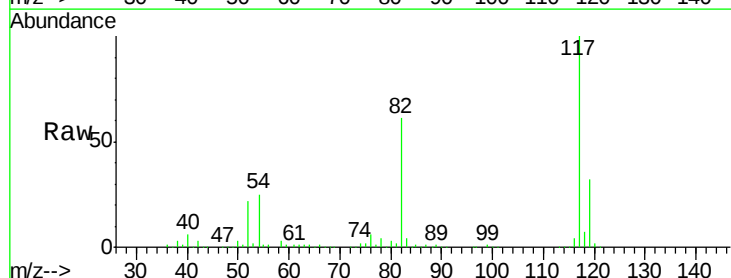
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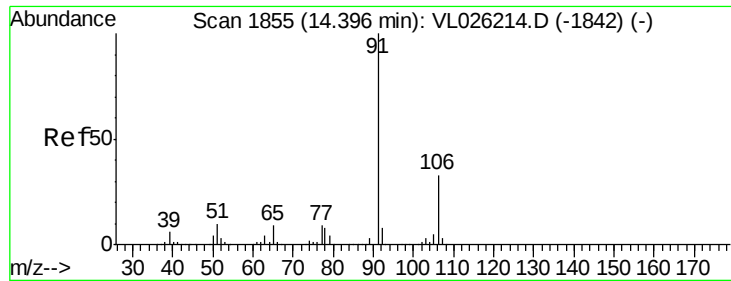
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#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.71 min Scan# 1743
Delta R.T. -0.02 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Tgt Ion: 117 Resp: 1705022
Ion Ratio Lower Upper
117 100
82 59.9 45.8 68.8
119 32.5 45.0 67.4#





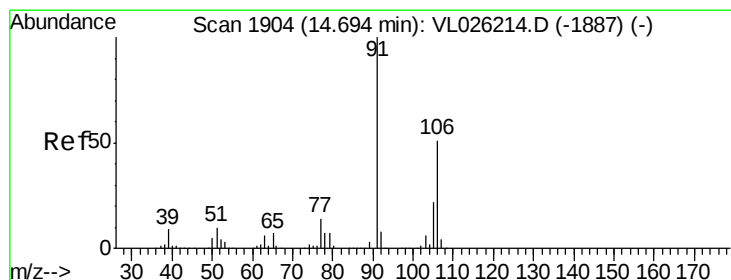
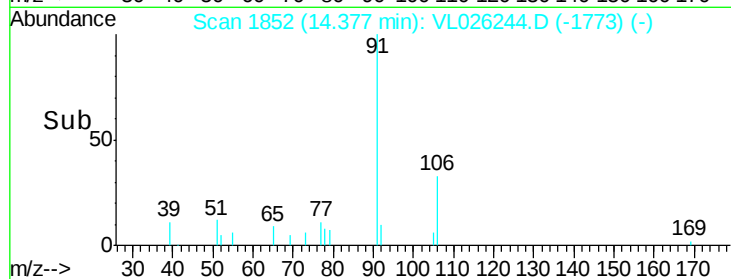
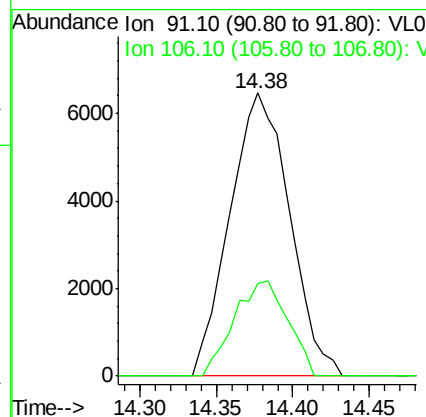
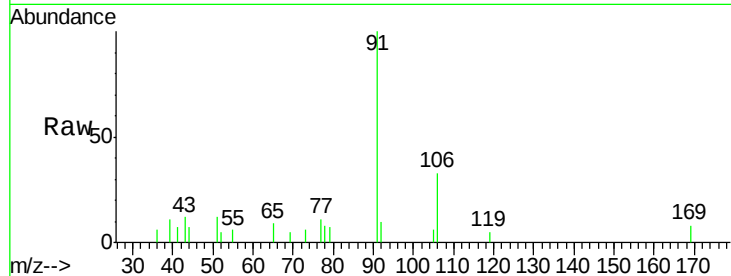
#58
Ethyl Benzene
Concen: 0.06 ppbv
RT: 14.38 min Scan# 1852
Delta R.T. -0.02 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Instrument :
MSVOA_L
ClientSampled :
EFF

Tot Ion: 91 Resp: 17551
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1

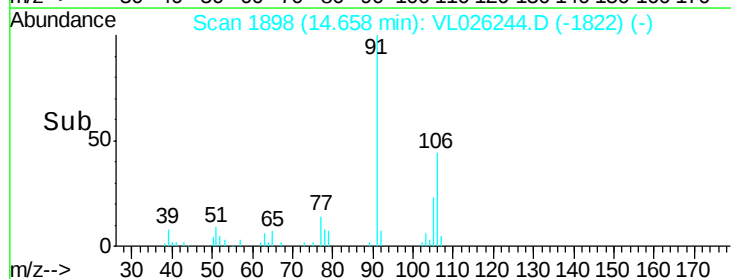
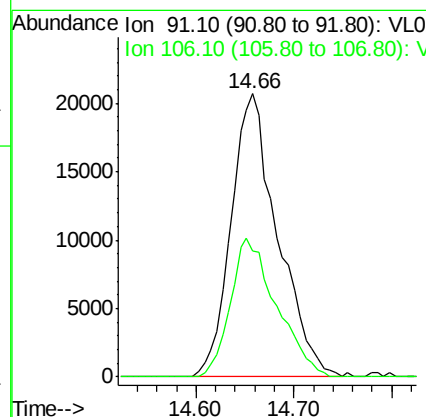
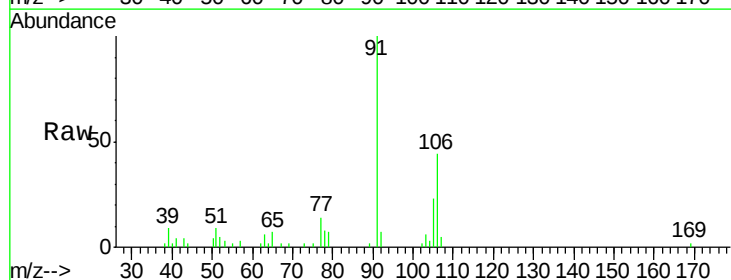
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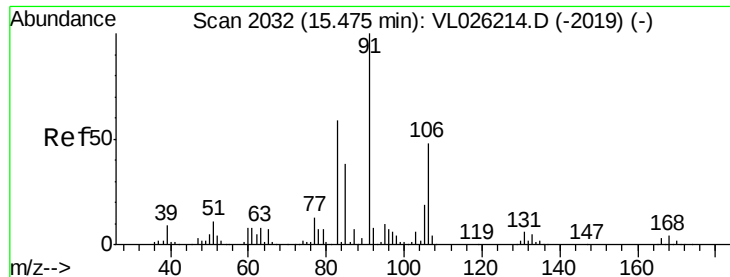
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#59
m/p-Xylene
Concen: 0.32 ppbv
RT: 14.66 min Scan# 1898
Delta R.T. -0.04 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Tgt Ion: 91 Resp: 68324
Ion Ratio Lower Upper
91 100
106 48.2 40.6 61.0





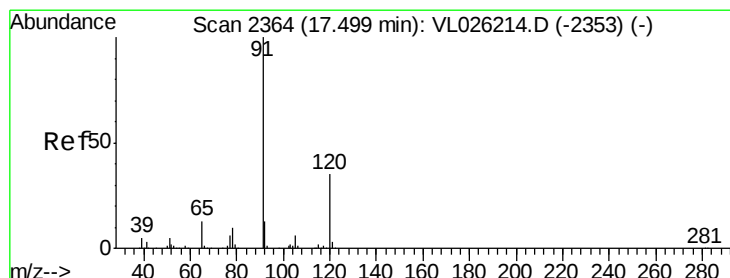
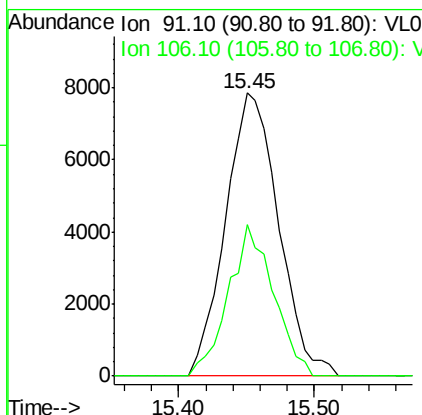
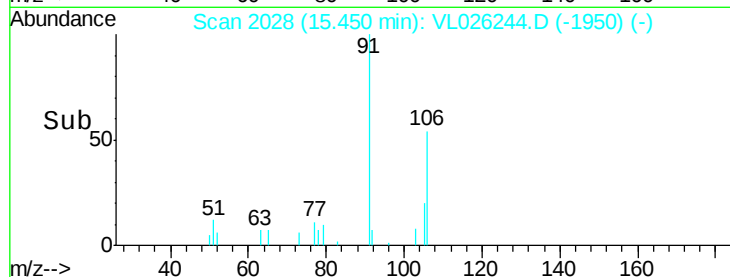
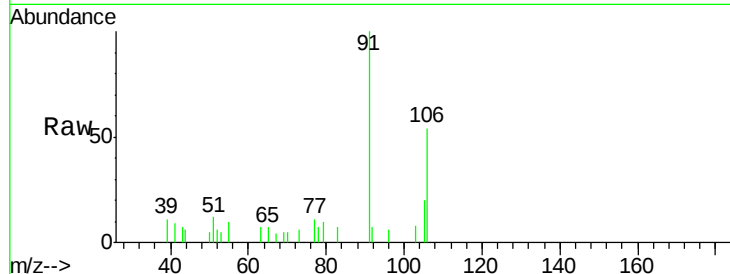
#60
o-Xylene
Concen: 0.09 ppbv
RT: 15.45 min Scan# 2032
Delta R.T. -0.02 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Instrument :
MSVOA_L
ClientSampleId :
EFF

Tot Ion: 91 Resp: 21372
Ion Ratio Lower Upper
91 100
106 45.4 23.8 71.5

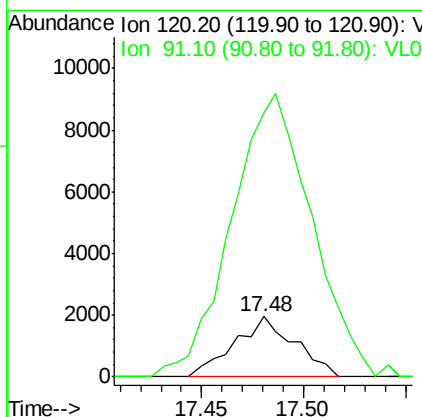
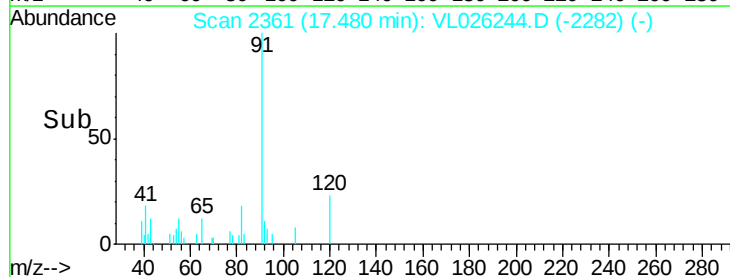
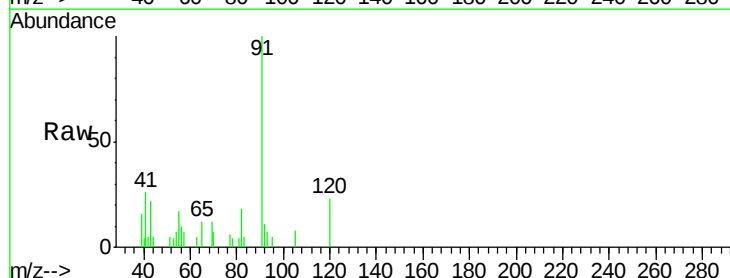
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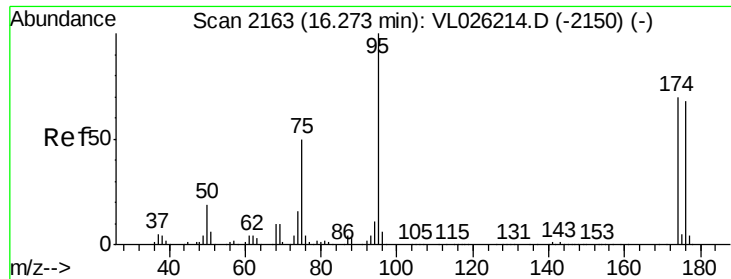
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#64
n-propylbenzene
Concen: 0.05 ppbv
RT: 17.48 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VL026244.D
Acq: 21 Oct 2015 19:05

Tgt Ion:120 Resp: 4029
Ion Ratio Lower Upper
120 100
91 631.5 331.7 497.5#





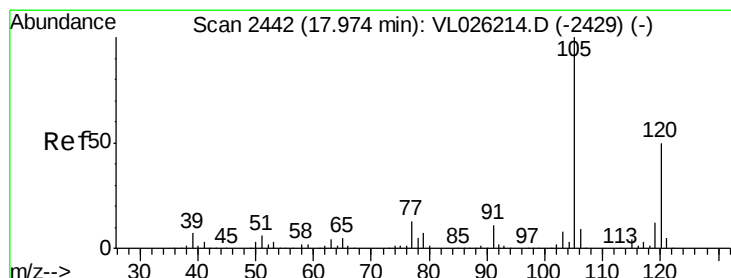
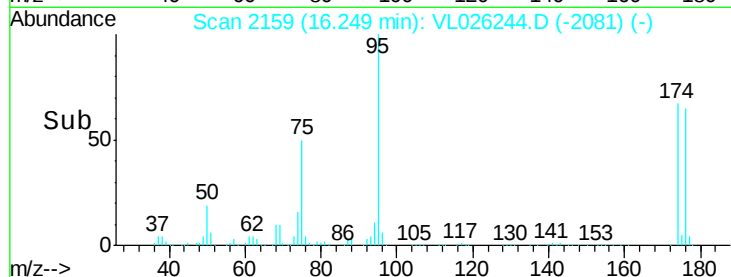
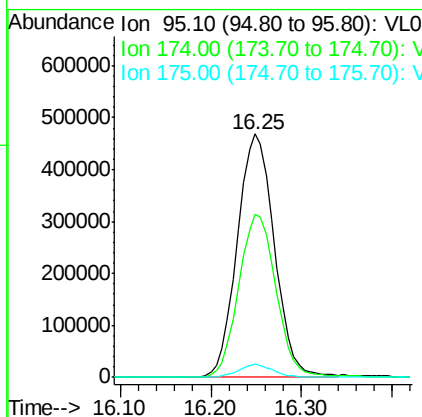
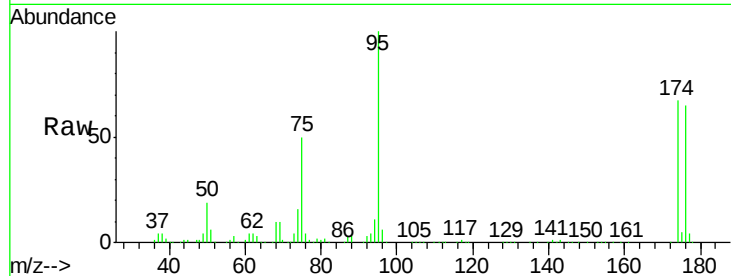
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.14 ppbv
 RT: 16.25 min Scan# 2159
 Delta R.T. -0.02 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Instrument :
 MSVOA_L
 ClientSampled :
 EFF

Tot Ion: 95 Resp: 1332855
 Ion Ratio Lower Upper
 95 100
 174 67.6 55.8 83.8
 175 5.1 4.3 6.5

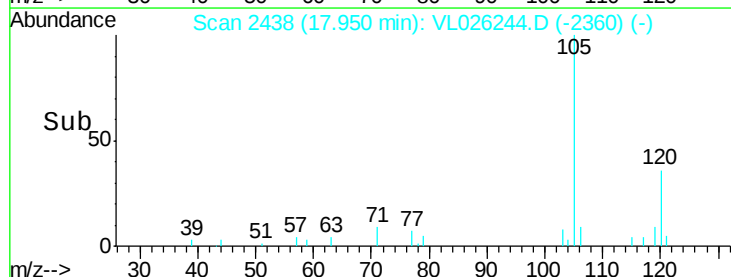
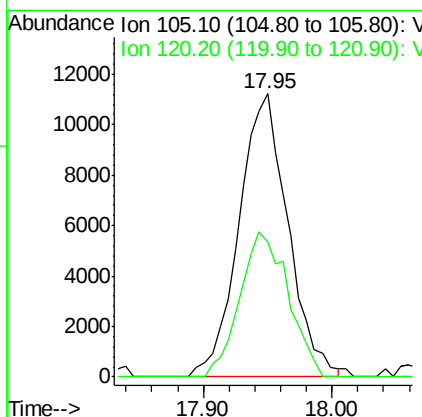
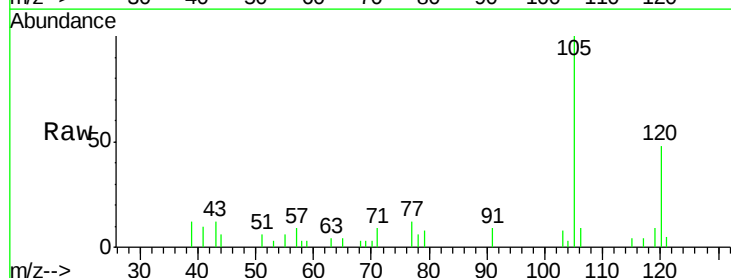
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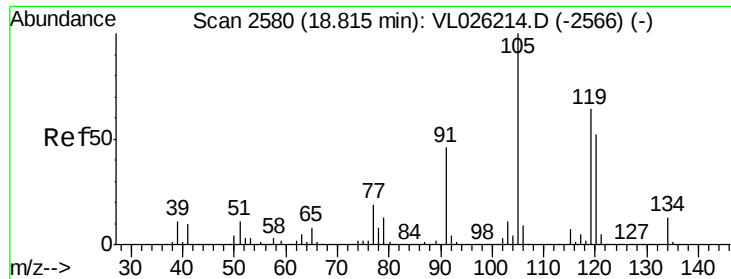
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#73
 1,3,5-Trimethylbenzene
 Concen: 0.12 ppbv
 RT: 17.95 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Tgt Ion: 105 Resp: 29620
 Ion Ratio Lower Upper
 105 100
 120 47.8 39.8 59.6





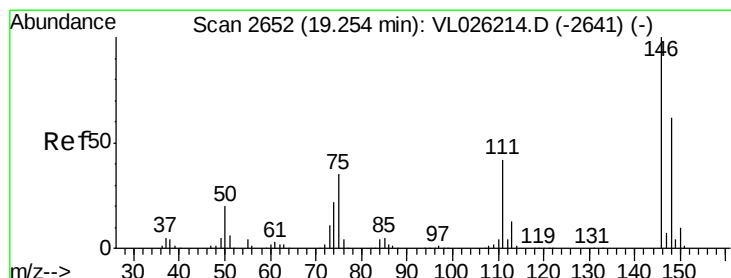
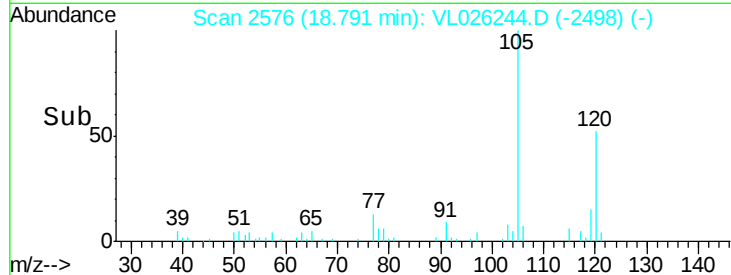
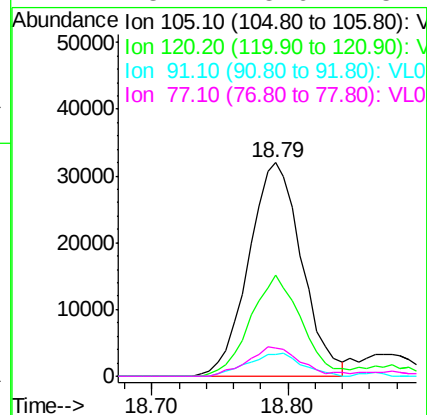
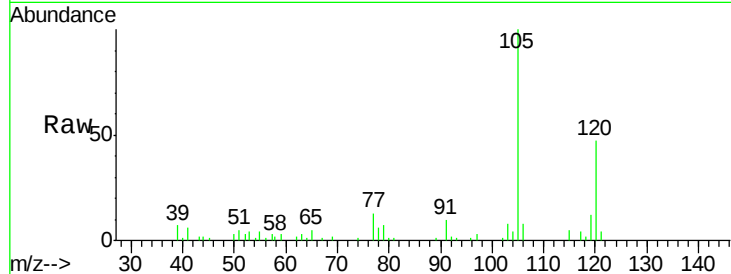
#74
 1,2,4-Trimethylbenzene
 Concen: 0.34 ppbv
 RT: 18.79 min Scan# 2576
 Delta R.T. -0.02 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Instrument :
 MSVOA_L
 ClientSampled :
 EFF

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.3	41.2	61.8
91	10.4	37.2	55.8#
77	13.2	15.6	23.4#

Manual Integrations
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#76
 1,4-Dichlorobenzene
 Concen: 0.29 ppbv
 RT: 19.23 min Scan# 2648
 Delta R.T. -0.02 min
 Lab File: VL026244.D
 Acq: 21 Oct 2015 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.2
148	63.0	31.9	95.9

