

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL070715\
 Data File : VL025619.D
 Acq On : 7 Jul 2015 22:40
 Operator : SY/MD
 Sample : G2872-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-INFLUENT-070115

Manual Integrations
 APPROVED

sam
 7/8/2015 11:06:27 AM

Quant Time: Jul 08 08:01:32 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.68	49	710174	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	8.40	114	1903837m	10.00	ppbv	0.07
55) Chlorobenzene-d5	13.85	117	2476363	10.00	ppbv	0.10

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.34	95	2077807	9.95	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.64	85	47096	0.26	ppbv	99
3) Chlorodifluoromethane	3.57	51	20520m	0.21	ppbv	
4) Chloromethane	3.75	50	14143	0.31	ppbv	96
5) Vinyl Chloride	3.89	62	9823262	199.25	ppbv #	57
9) Propene	3.60	41	362300	10.90	ppbv	89
11) Trichlorofluoromethane	4.70	101	43396	0.18	ppbv	98
13) Ethanol	4.35	45	17756	3.43	ppbv	96
17) tert-Butyl alcohol	5.19	59	68752	0.65	ppbv #	69
18) 1,1-Dichloroethene	5.09	96	1098109	20.96	ppbv	98
19) Isopropyl Alcohol	4.79	45	49740	0.99	ppbv #	96
20) Methylene Chloride	5.15	84	52455	1.03	ppbv	96
22) trans-1,2-Dichloroethene	5.77	96	1126308	21.06	ppbv	97
24) 1,1-Dichloroethane	5.93	63	118527	0.93	ppbv #	97
26) Hexane	6.67	57	544596	6.09	ppbv #	48
27) Carbon Disulfide	5.39	76	63838	0.44	ppbv #	90
29) Chloroform	6.77	83	123701	0.70	ppbv	95
30) Cyclohexane	8.31	84	236209	2.76	ppbv	99
31) cis-1,2-Dichloroethene	6.54	61	23030558	259.25	ppbv #	40
32) 1,1,1-Trichloroethane	7.63	97	641173	3.34	ppbv	94
36) Benzene	8.09	78	425755m	2.34	ppbv	
38) Trichloroethene	9.15	130	123700244m	1459.12	ppbv	
52) Tetrachloroethene	12.91	164	188777	2.06	ppbv	95
53) Toluene	11.40	91	1777883	6.94	ppbv	98
57) Chlorobenzene	13.91	112	55240	0.21	ppbv #	81
58) Ethyl Benzene	14.49	91	227742	0.56	ppbv	99
59) m/p-Xylene	14.77	91	662710	1.84	ppbv	99
60) o-Xylene	15.55	91	293840	0.76	ppbv	100
61) Styrene	15.37	104	32556m	0.24	ppbv	
62) Isopropylbenzene	16.59	105	504244	1.00	ppbv	99
64) n-propylbenzene	17.55	120	15907	0.12	ppbv	78
69) p-Isopropyltoluene	19.80	119	46729	0.08	ppbv #	62
72) 4-Ethyltoluene	17.85	105	88258m	0.21	ppbv	
73) 1,3,5-Trimethylbenzene	18.02	105	108779	0.26	ppbv	97
74) 1,2,4-Trimethylbenzene	18.86	105	304100	0.65	ppbv #	69
79) Naphthalene	23.94	128	80099m	0.18	ppbv	

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

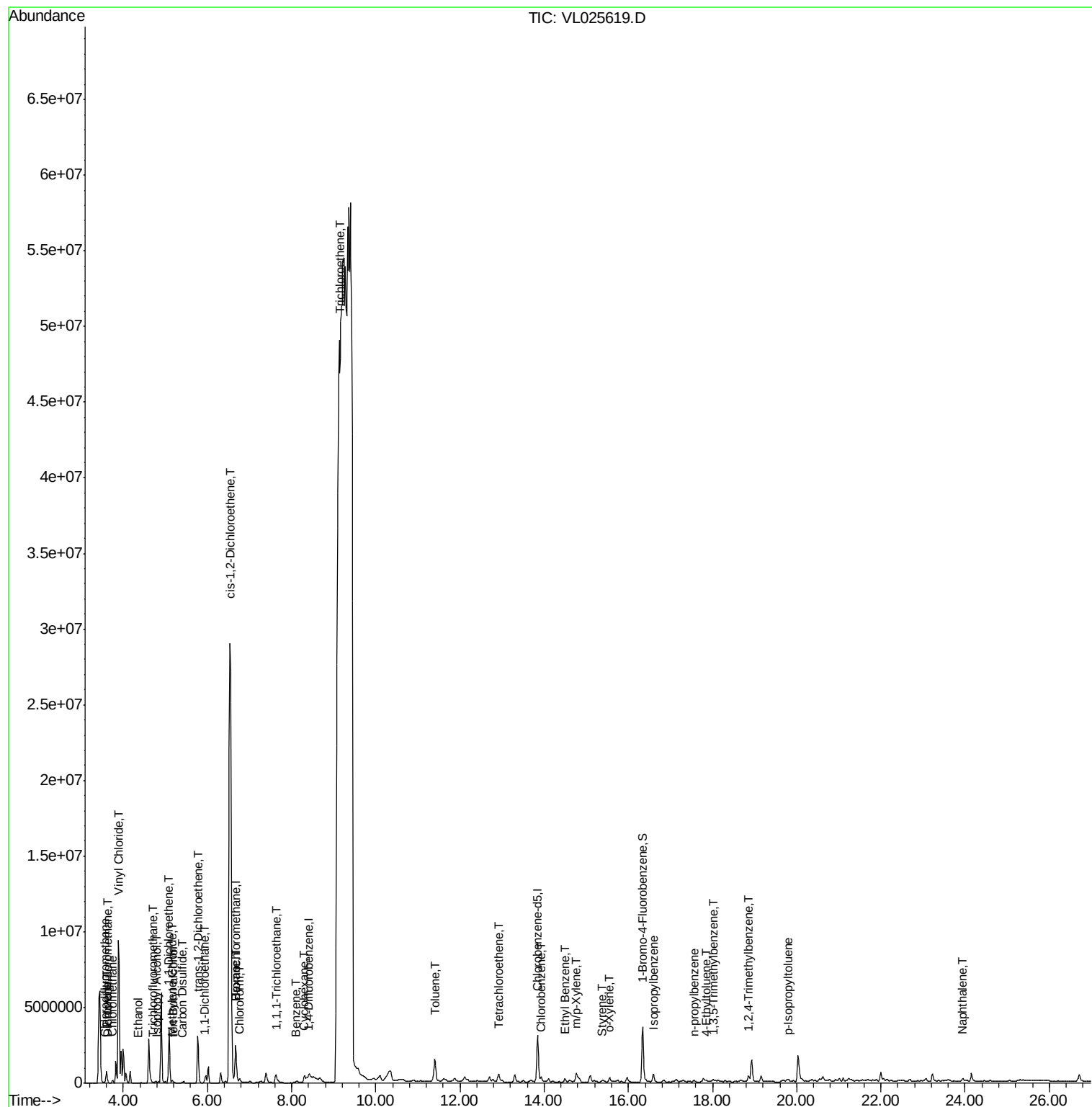
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL070715\
Data File : VL025619.D
Acq On : 7 Jul 2015 22:40
Operator : SY/MD
Sample : G2872-04
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

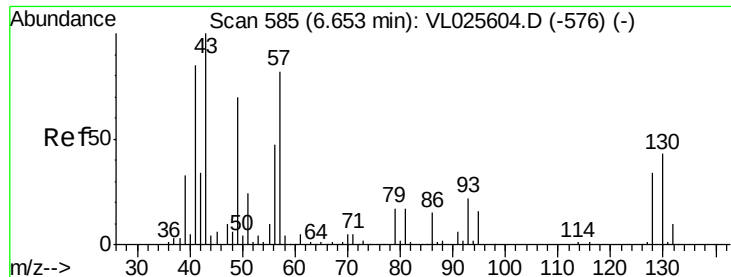
Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Manual Integrations
APPROVED

sam
7/8/2015 11:06:27 AM

Quant Time: Jul 08 08:01:32 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





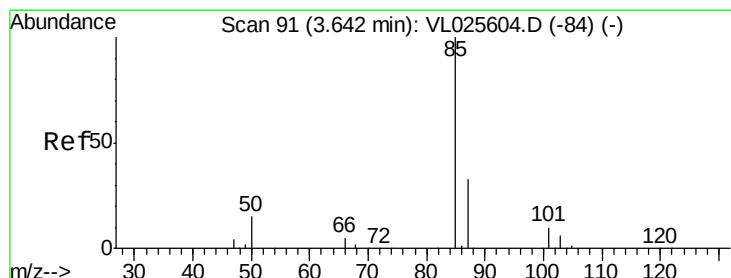
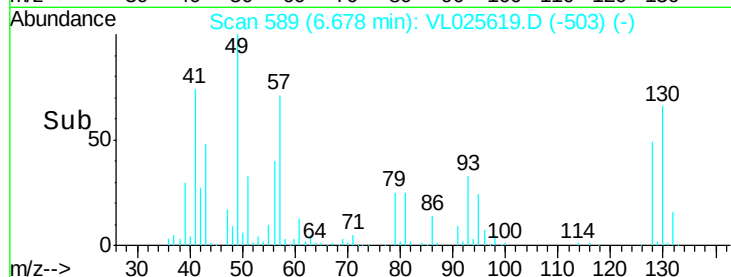
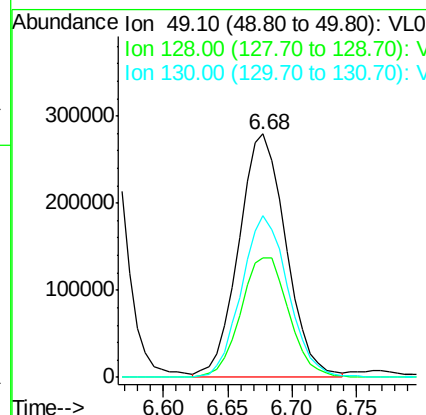
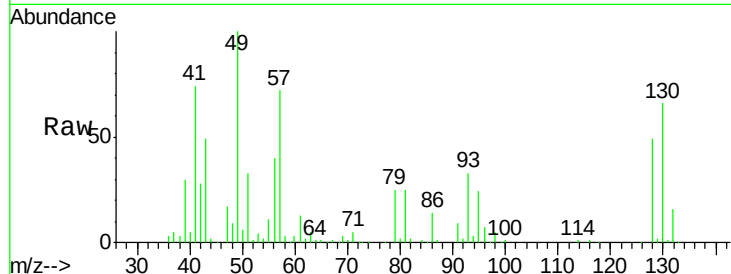
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.68 min Scan# 589
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tot Ion	Ratio	Lower	Upper
49	100		
128	50.4	25.4	76.0
130	66.1	31.9	95.9

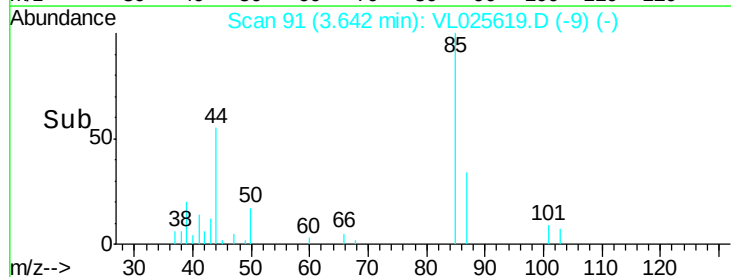
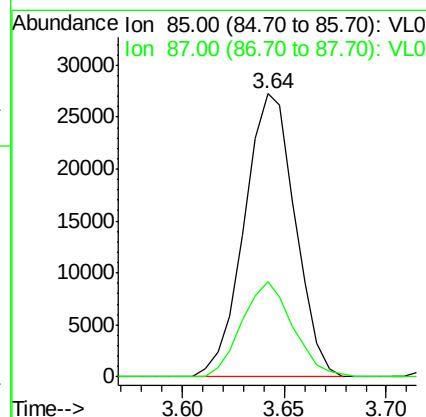
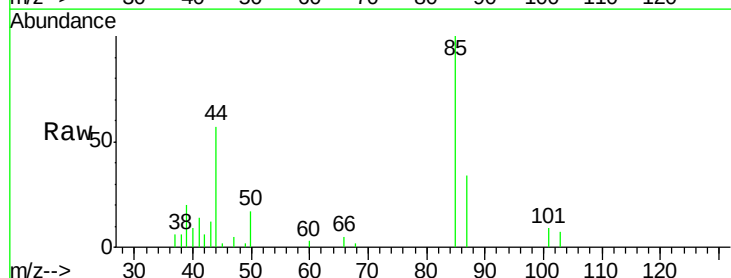
Manual Integrations
APPROVED

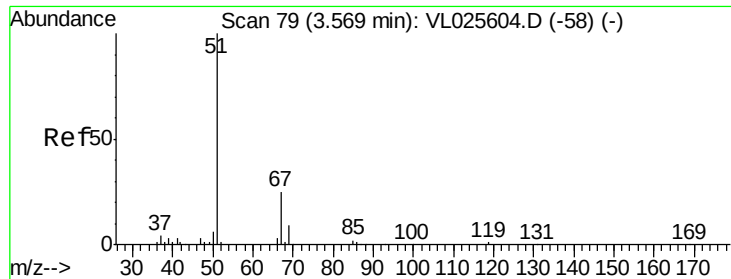
sam
7/8/2015 11:06:27 AM



#2
Dichlorodifluoromethane
Concen: 0.26 ppbv
RT: 3.64 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	26.5	39.7





#3

Chlorodifluoromethane

Concen: 0.21 ppbv m

RT: 3.57 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Tot Ion: 51 Resp: 20520

Ion Ratio Lower Upper

51 100

67 27.5 19.5 29.3

Instrument :

MSVOA_L

ClientSampleId :

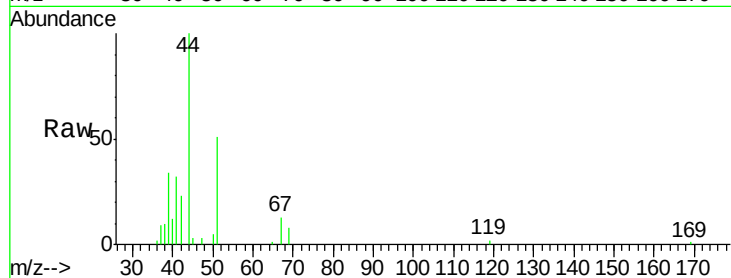
ERD45-INFLUENT-070115

Manual Integrations

APPROVED

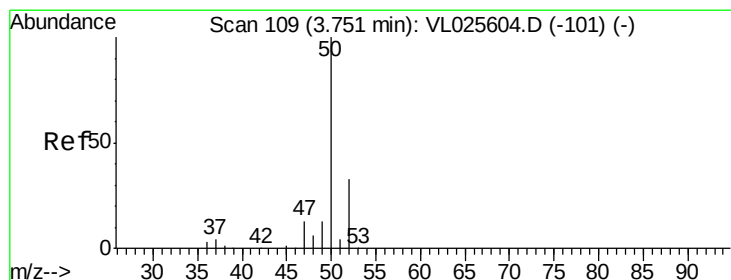
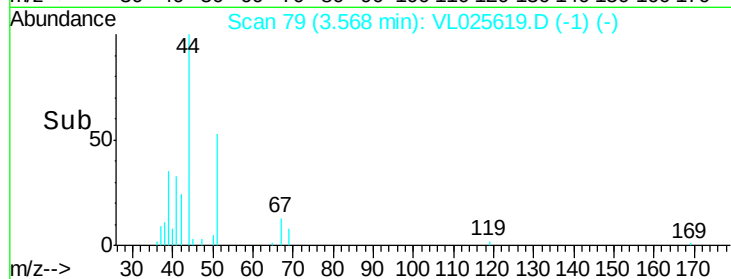
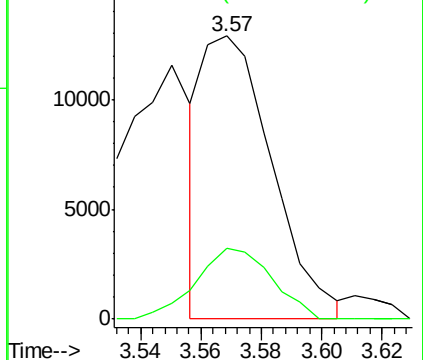
sam

7/8/2015 11:06:27 AM



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.31 ppbv

RT: 3.75 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL025619.D

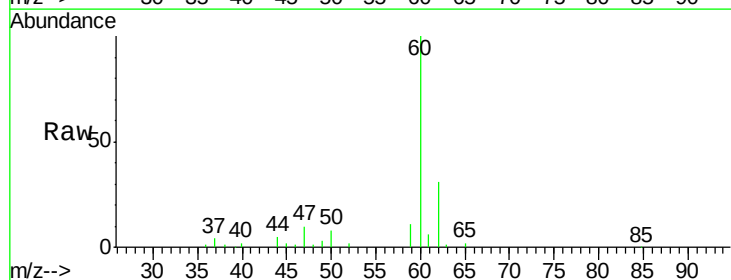
Acq: 7 Jul 2015 22:40

Tgt Ion: 50 Resp: 14143

Ion Ratio Lower Upper

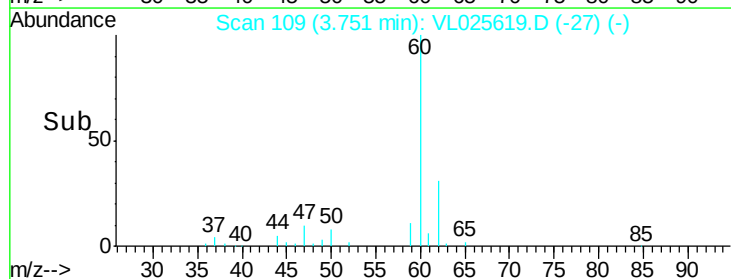
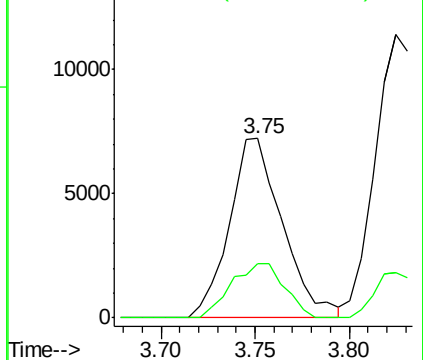
50 100

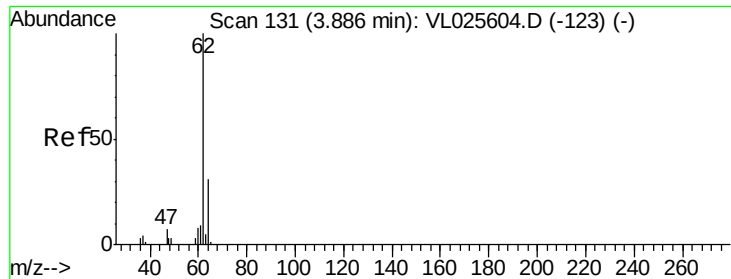
52 30.5 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 199.25 ppbv

RT: 3.89 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion: 62 Resp: 9823262

Ion Ratio Lower Upper

62 100

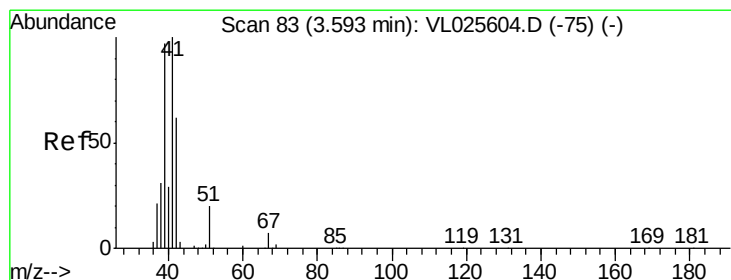
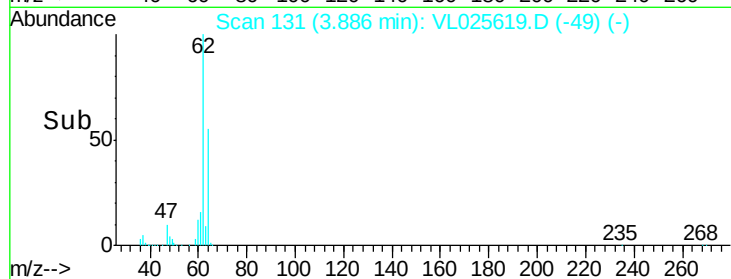
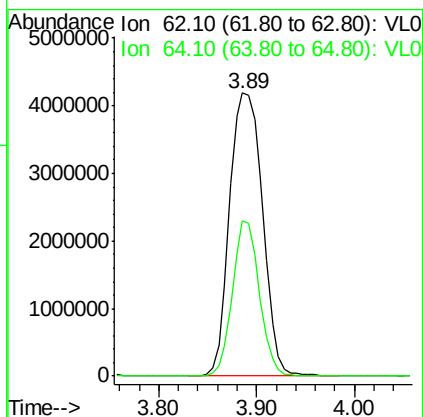
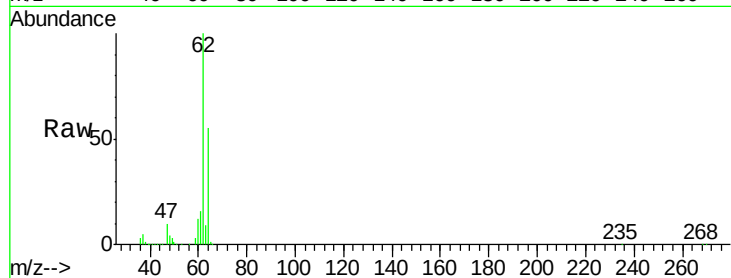
64 54.8 25.0 37.6#

Manual Integrations

APPROVED

sam

7/8/2015 11:06:27 AM



#9

Propene

Concen: 10.90 ppbv

RT: 3.60 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL025619.D

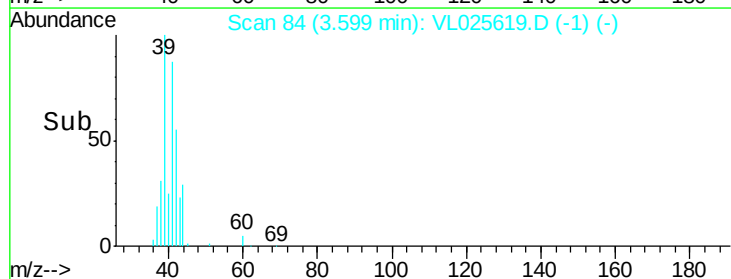
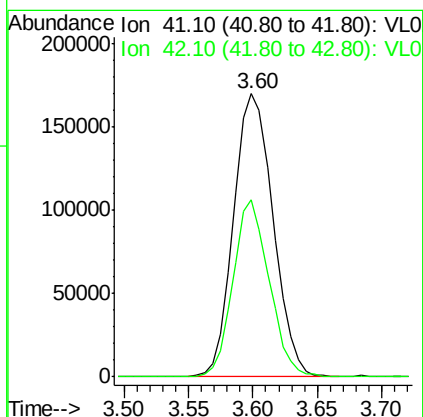
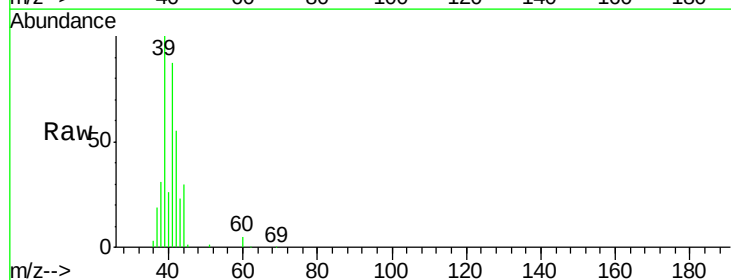
Acq: 7 Jul 2015 22:40

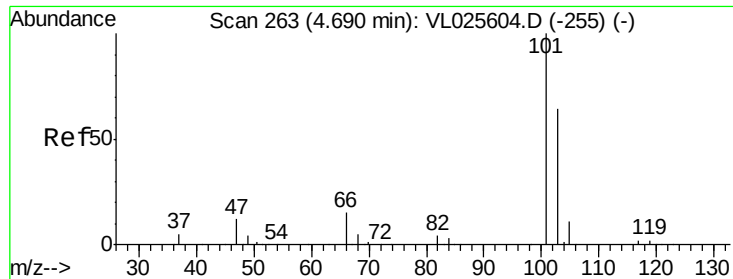
Tgt Ion: 41 Resp: 362300

Ion Ratio Lower Upper

41 100

42 57.1 52.4 78.6





#11

Trichlorofluoromethane

Concen: 0.18 ppbv

RT: 4.70 min Scan# 265

Delta R.T. 0.01 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion:101 Resp: 43396

Ion Ratio Lower Upper

101 100

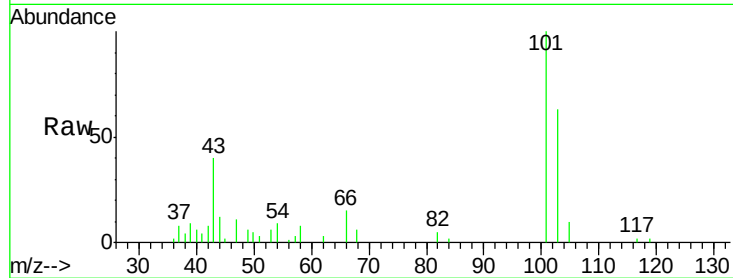
103 62.7 51.4 77.2

Manual Integrations

APPROVED

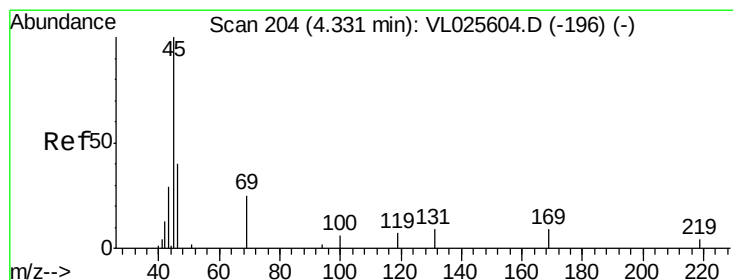
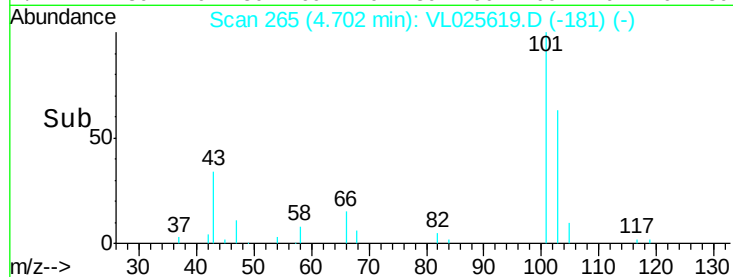
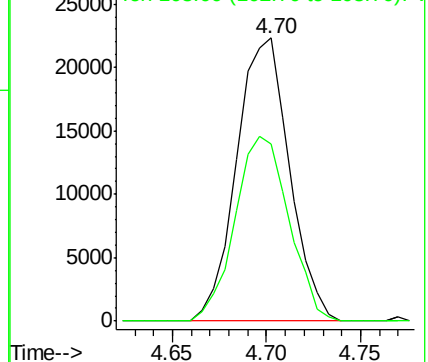
sam

7/8/2015 11:06:27 AM



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 3.43 ppbv

RT: 4.35 min Scan# 208

Delta R.T. 0.02 min

Lab File: VL025619.D

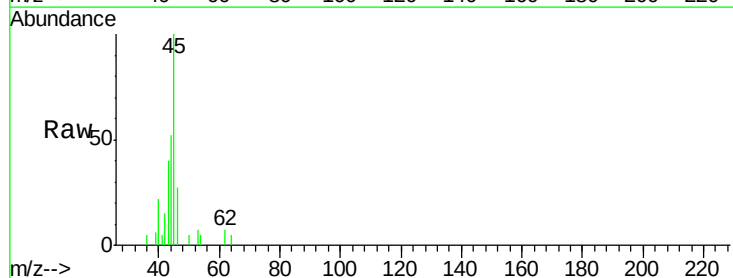
Acq: 7 Jul 2015 22:40

Tgt Ion: 45 Resp: 17756

Ion Ratio Lower Upper

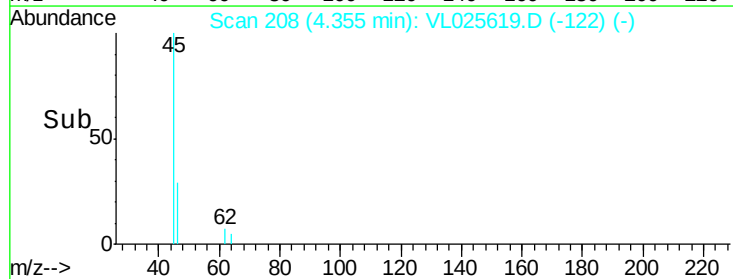
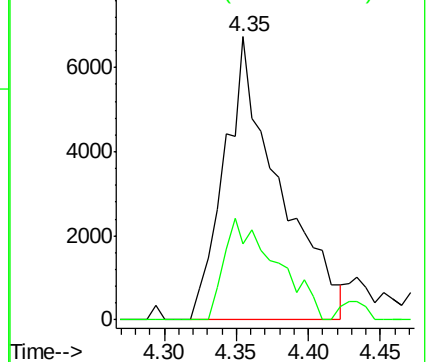
45 100

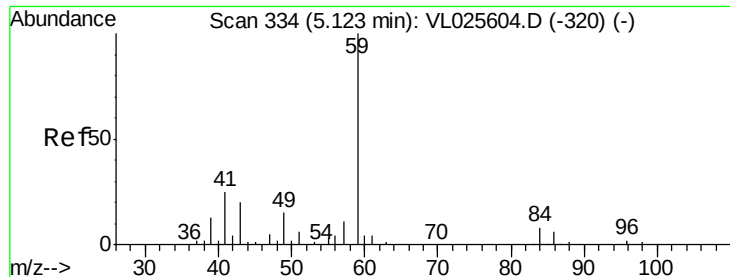
46 37.4 16.0 64.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





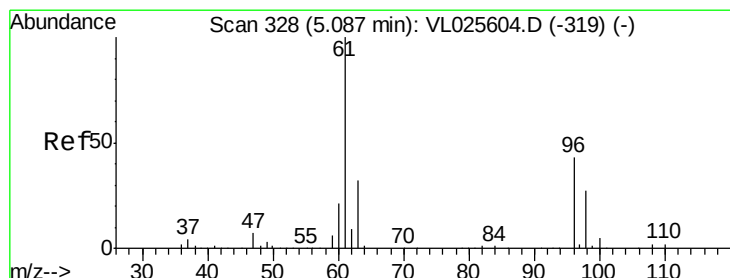
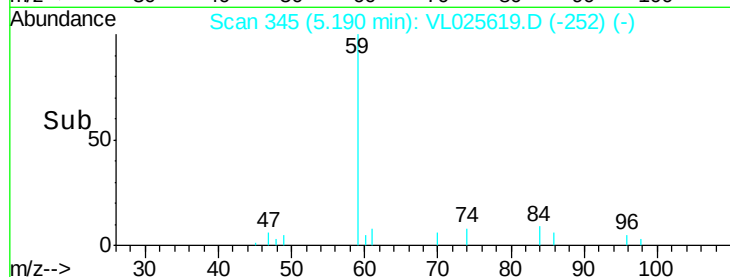
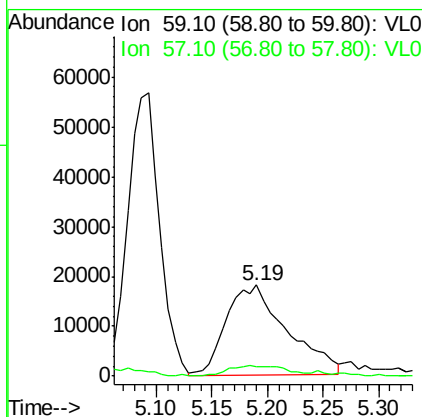
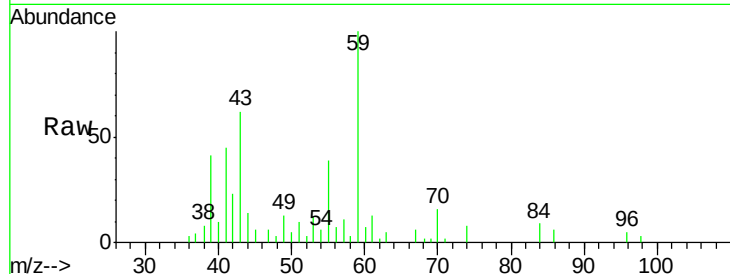
#17
 tert-Butyl alcohol
 Concen: 0.65 ppbv
 RT: 5.19 min Scan# 345
 Delta R.T. 0.07 min
 Lab File: VL025619.D
 Acq: 7 Jul 2015 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-INFLUENT-070115

Tot Ion: 59 Resp: 68752
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.2#

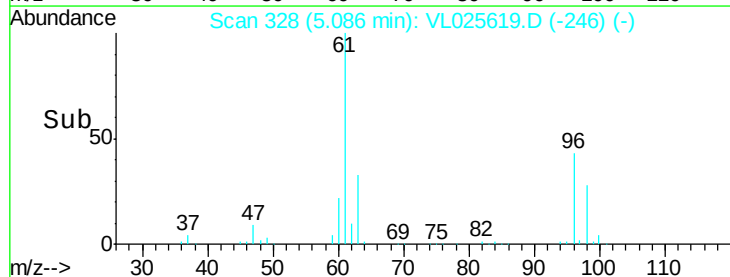
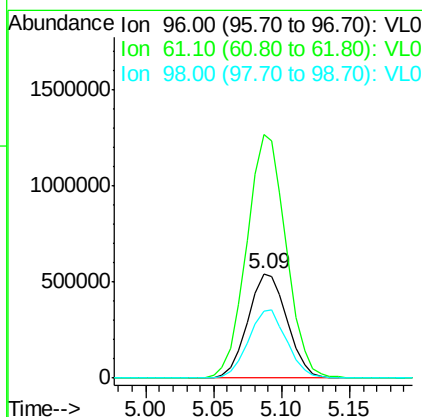
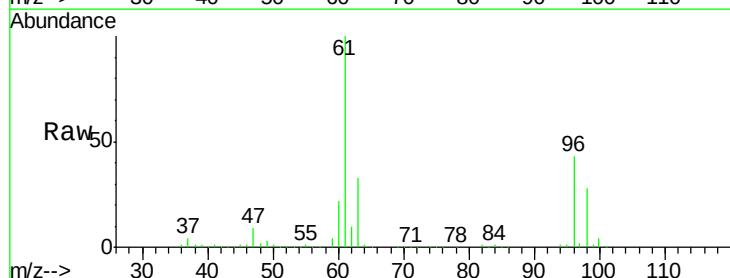
Manual Integrations
 APPROVED

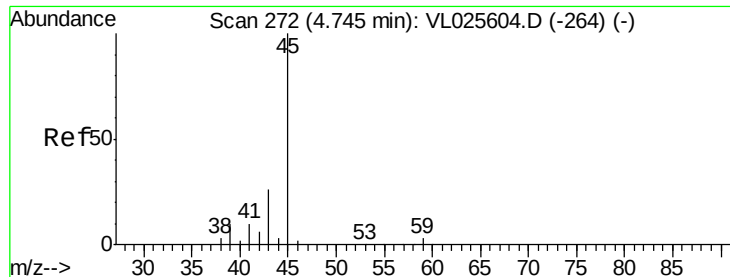
sam
 7/8/2015 11:06:27 AM



#18
 1,1-Dichloroethene
 Concen: 20.96 ppbv
 RT: 5.09 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VL025619.D
 Acq: 7 Jul 2015 22:40

Tgt Ion: 96 Resp: 1098109
 Ion Ratio Lower Upper
 96 100
 61 233.0 184.1 276.1
 98 64.4 50.0 75.0





#19

Isopropyl Alcohol

Concen: 0.99 ppbv

RT: 4.79 min Scan# 279

Delta R.T. 0.04 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion: 45 Resp: 49740

Ion Ratio Lower Upper

45 100

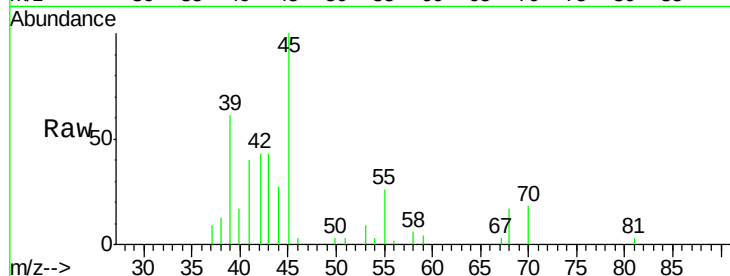
58 0.0 1.1 1.7#

Manual Integrations

APPROVED

sam

7/8/2015 11:06:27 AM



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

50000

40000

30000

20000

10000

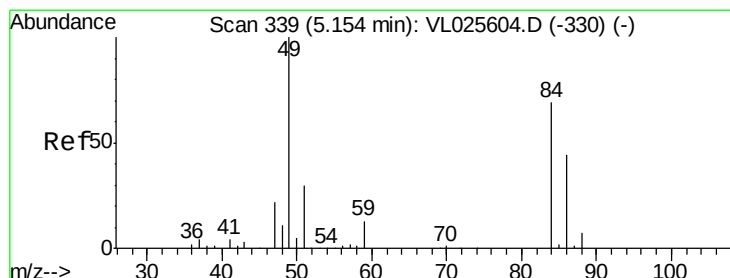
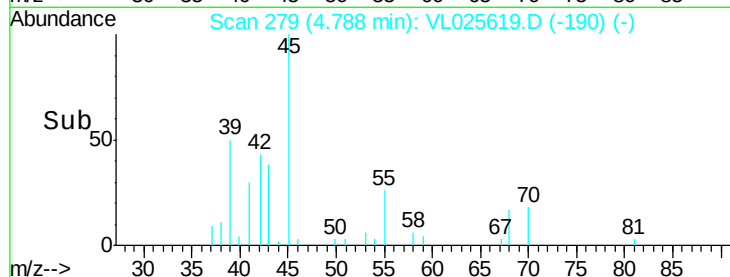
0

4.70

4.80

4.90

Time-->



#20

Methylene Chloride

Concen: 1.03 ppbv

RT: 5.15 min Scan# 339

Delta R.T. -0.00 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Tgt Ion: 84 Resp: 52455

Ion Ratio Lower Upper

84 100

49 150.4 115.2 172.8

51 42.0 35.0 52.6

86 63.8 50.6 76.0

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

60000

40000

20000

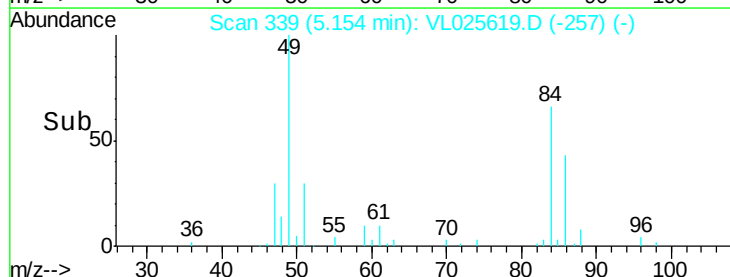
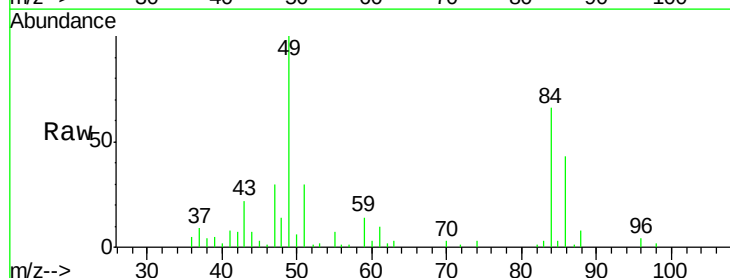
0

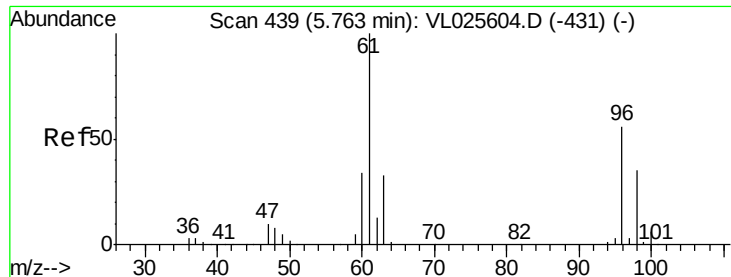
5.10

5.15

5.20

Time-->





#22

trans-1,2-Dichloroethene

Concen: 21.06 ppbv

RT: 5.77 min Scan# 440

Delta R.T. 0.01 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion: 96 Resp: 1126308

Ion Ratio Lower Upper

96 100

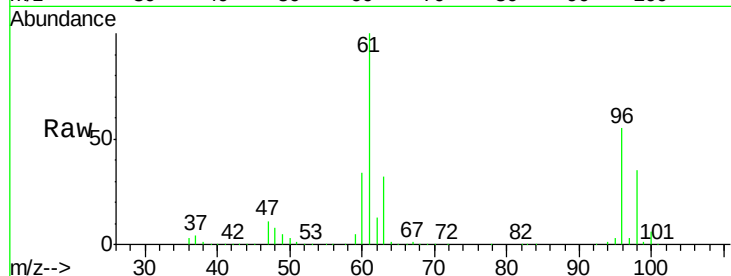
61 181.6 141.8 212.6

98 63.0 49.0 73.6

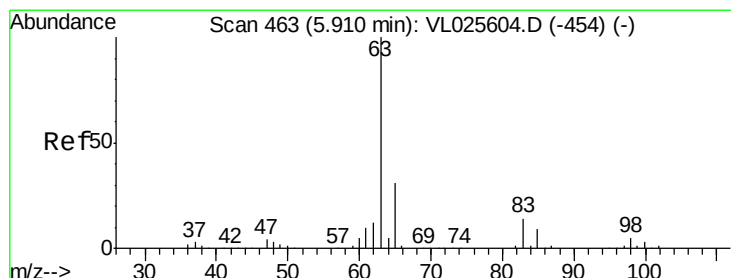
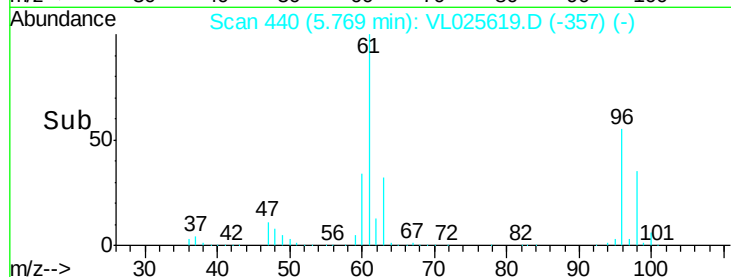
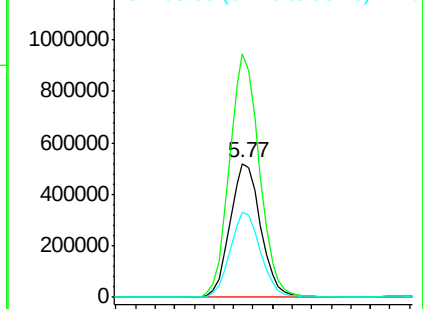
Manual Integrations
APPROVED

sam

7/8/2015 11:06:27 AM



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#24

1,1-Dichloroethane

Concen: 0.93 ppbv

RT: 5.93 min Scan# 467

Delta R.T. 0.02 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

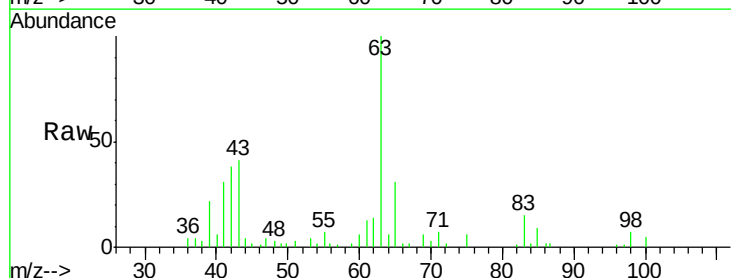
Tgt Ion: 63 Resp: 118527

Ion Ratio Lower Upper

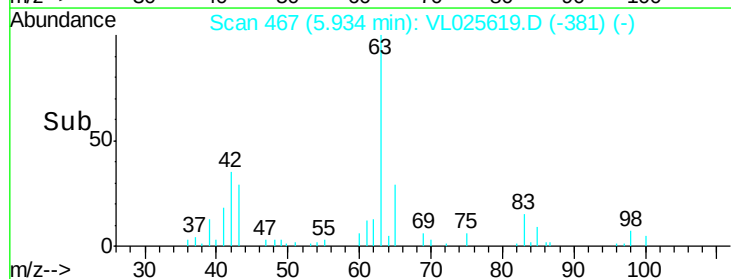
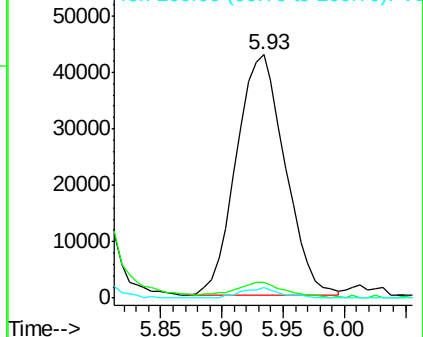
63 100

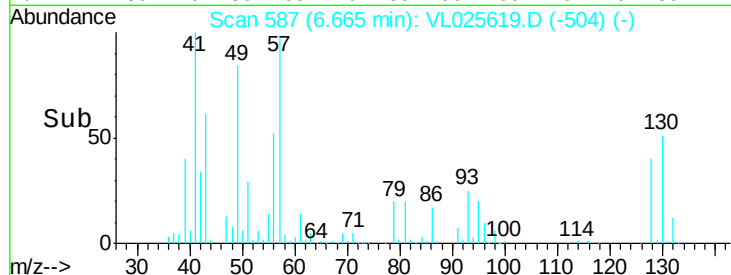
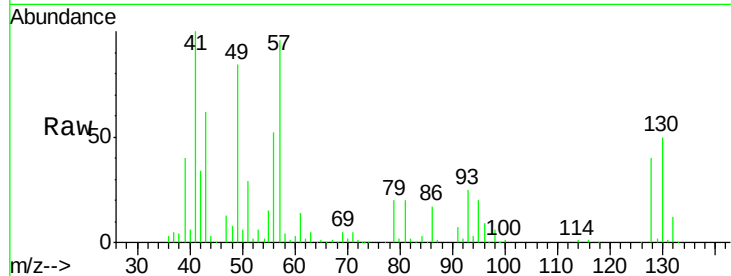
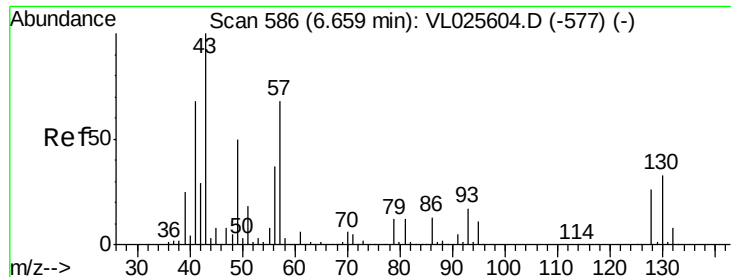
98 5.9 2.6 8.0

100 4.7 1.6 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





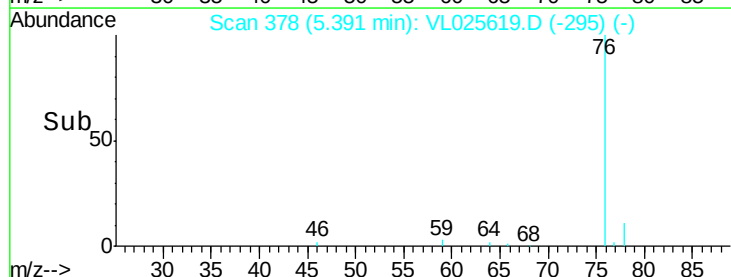
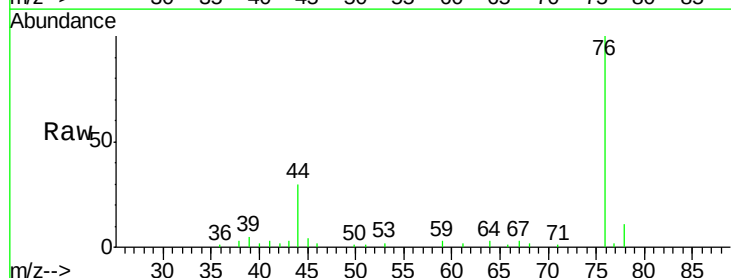
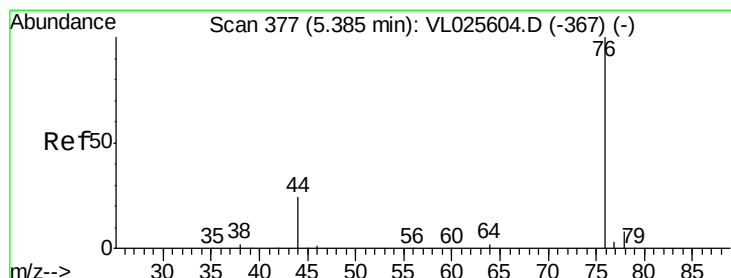
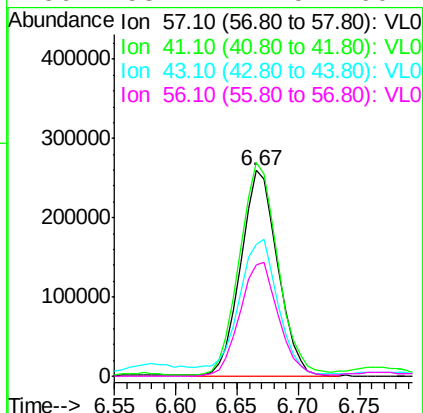
#26
Hexane
Concen: 6.09 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tot Ion	Ratio	Lower	Upper
57	100		
41	107.7	81.4	122.2
43	77.2	171.4	257.2#
56	58.2	44.5	66.7

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

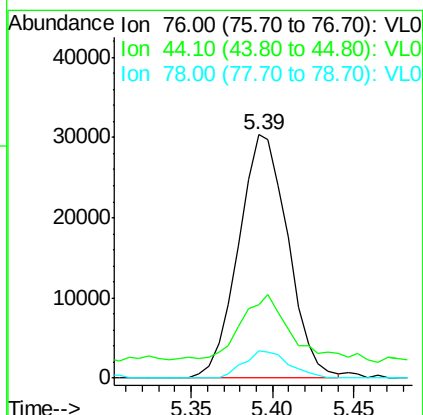
Manual Integrations
APPROVED

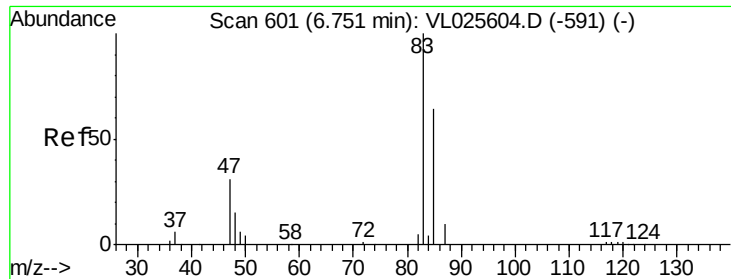
sam
7/8/2015 11:06:27 AM



#27
Carbon Disulfide
Concen: 0.44 ppbv
RT: 5.39 min Scan# 378
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion	Ratio	Lower	Upper
76	100		
44	32.0	20.2	30.4#
78	10.2	7.4	11.2





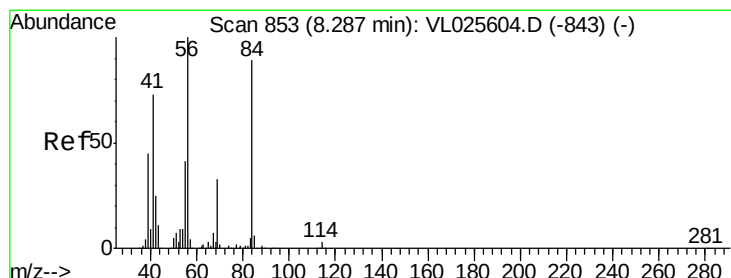
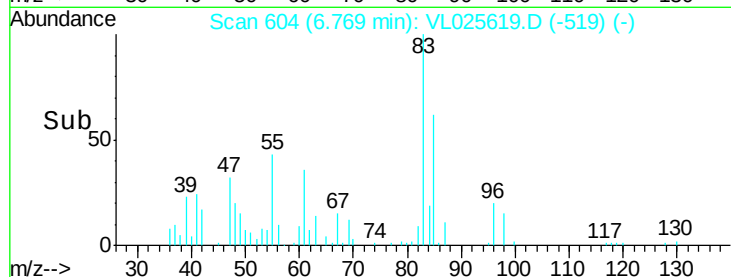
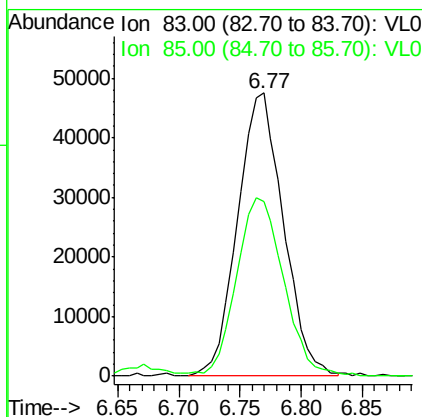
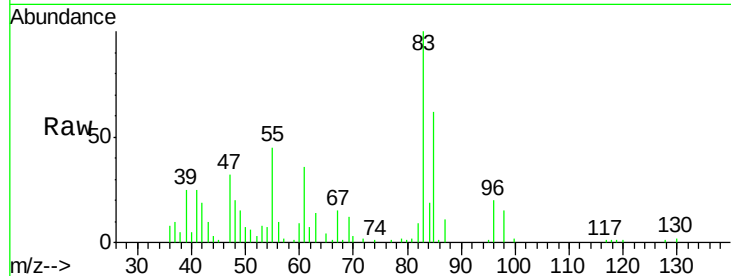
#29
Chloroform
Concen: 0.70 ppbv
RT: 6.77 min Scan# 604
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tot Ion: 83 Resp: 123701
Ion Ratio Lower Upper
83 100
85 60.7 51.6 77.4

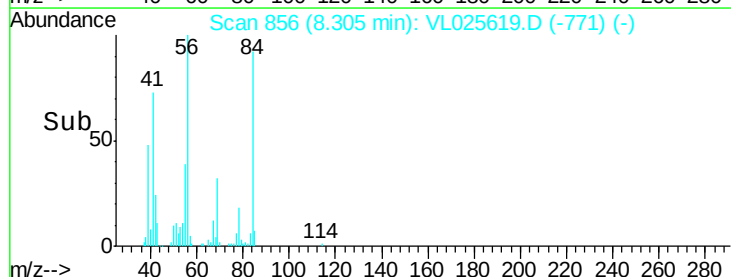
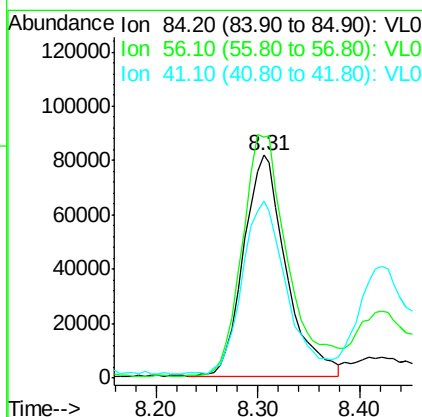
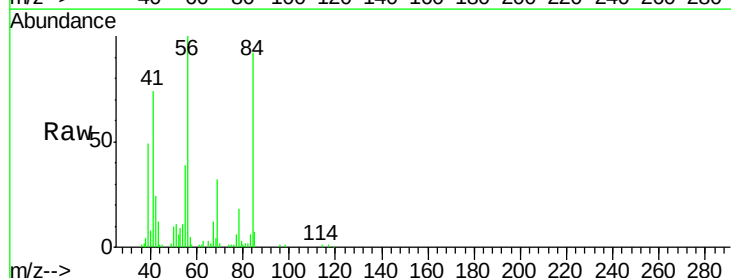
Manual Integrations
APPROVED

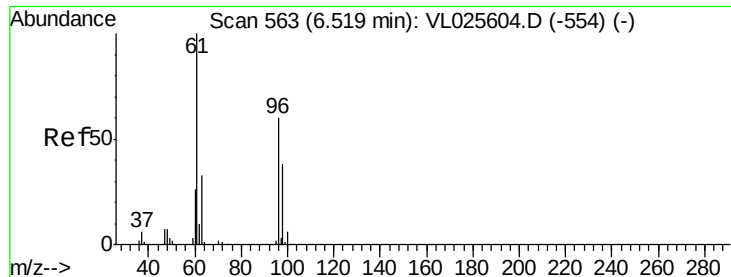
sam
7/8/2015 11:06:27 AM



#30
Cyclohexane
Concen: 2.76 ppbv
RT: 8.31 min Scan# 856
Delta R.T. 0.02 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 84 Resp: 236209
Ion Ratio Lower Upper
84 100
56 120.0 97.5 146.3
41 81.1 65.4 98.2





#31

cis-1,2-Dichloroethene

Concen: 259.25 ppbv

RT: 6.54 min Scan# 566

Delta R.T. 0.02 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion: 61 Resp:23030558

Ion Ratio Lower Upper

61 100

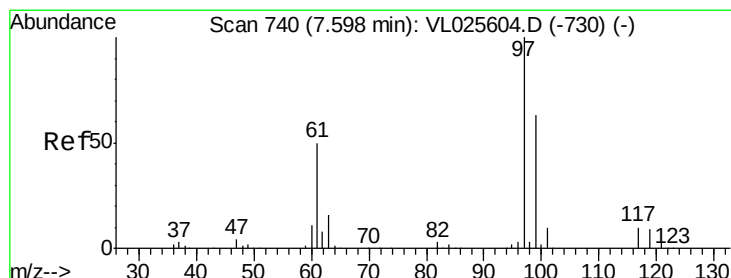
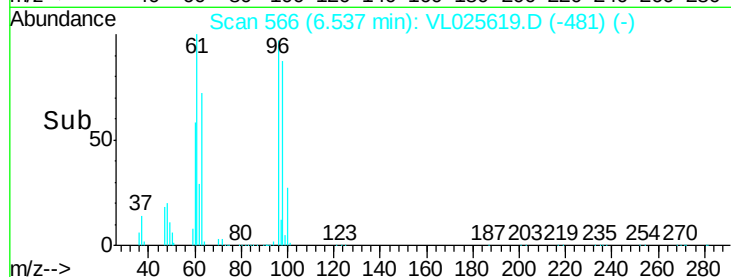
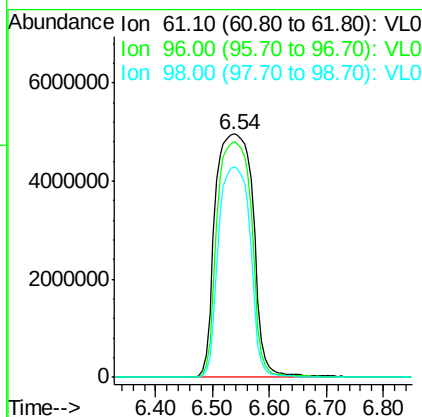
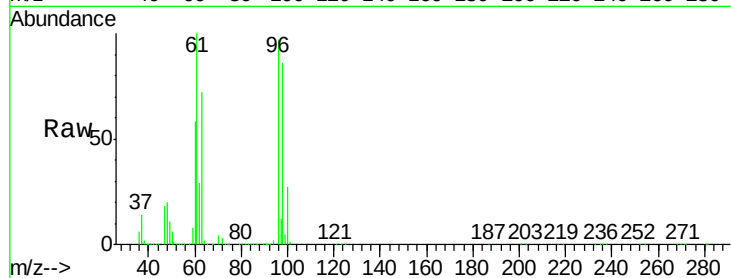
96 96.7 48.1 72.1#

98 86.5 30.7 46.1#

Manual Integrations
APPROVED

sam

7/8/2015 11:06:27 AM



#32

1,1,1-Trichloroethane

Concen: 3.34 ppbv

RT: 7.63 min Scan# 745

Delta R.T. 0.03 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

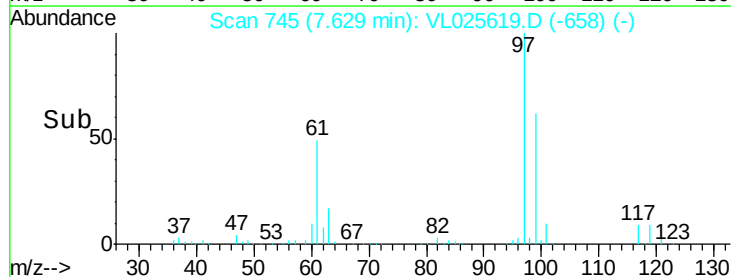
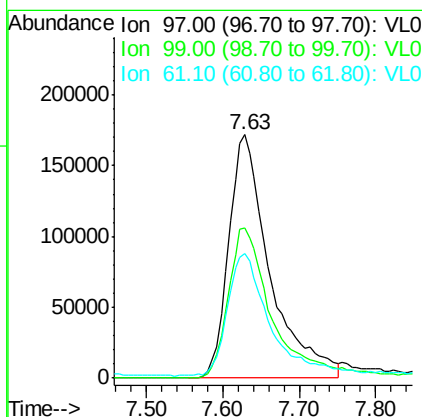
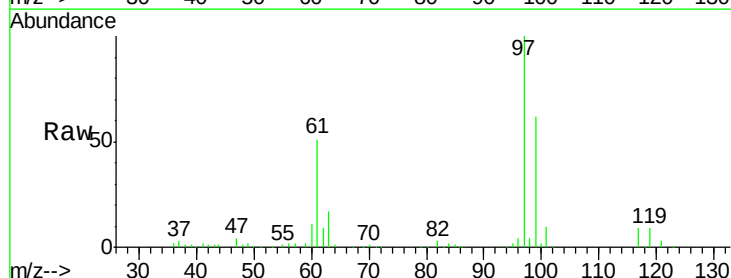
Tgt Ion: 97 Resp: 641173

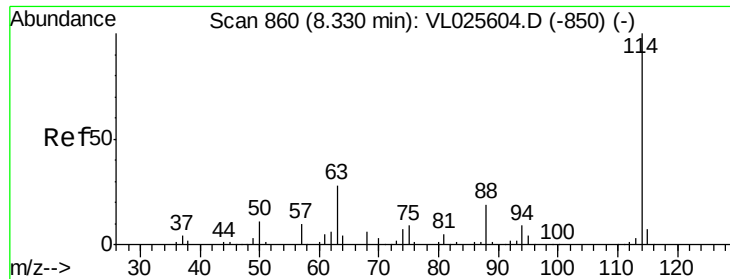
Ion Ratio Lower Upper

97 100

99 69.1 51.2 76.8

61 54.2 40.4 60.6





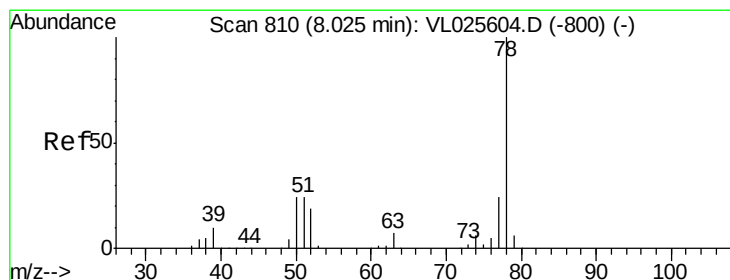
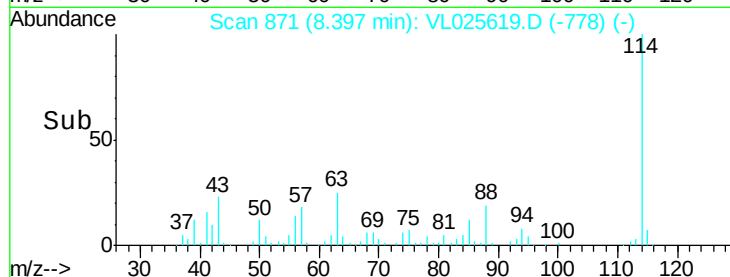
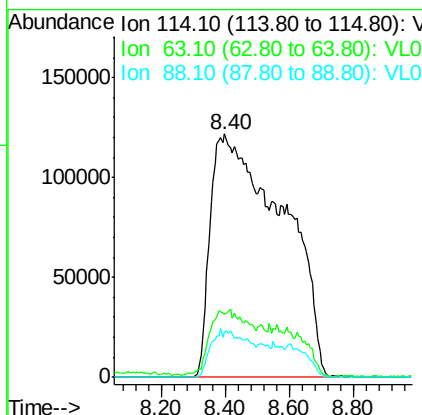
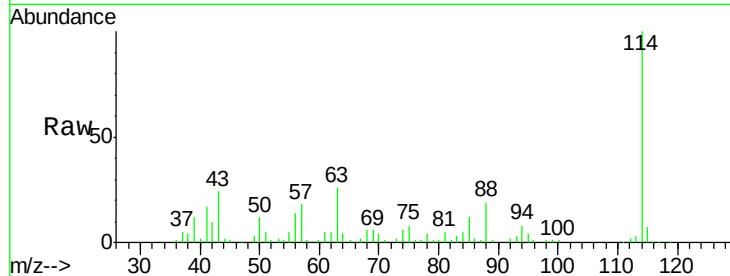
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv m
 RT: 8.40 min Scan# 871
 Delta R.T. 0.07 min
 Lab File: VL025619.D
 Acq: 7 Jul 2015 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-INFLUENT-070115

Tot Ion:114 Resp: 1903837
 Ion Ratio Lower Upper
 114 100
 63 0.0 22.4 33.6#
 88 12.9 15.0 22.4#

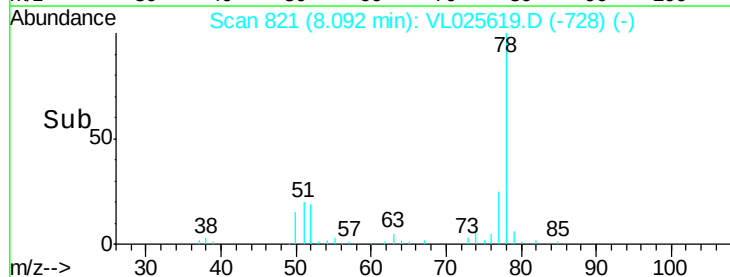
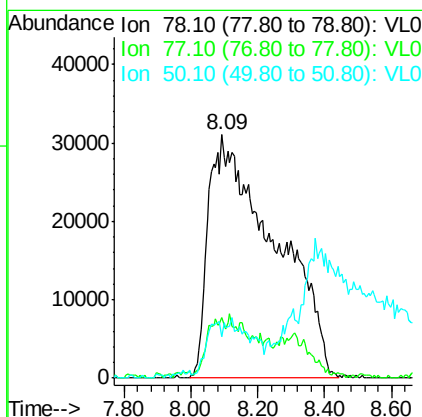
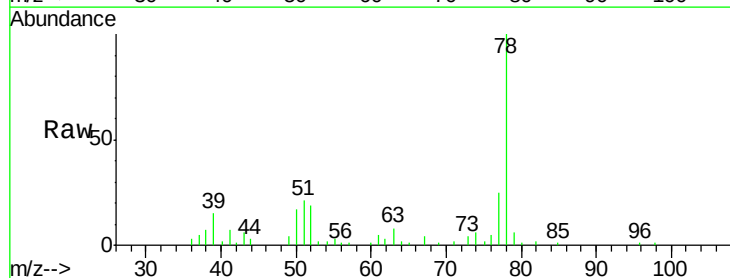
Manual Integrations
 APPROVED

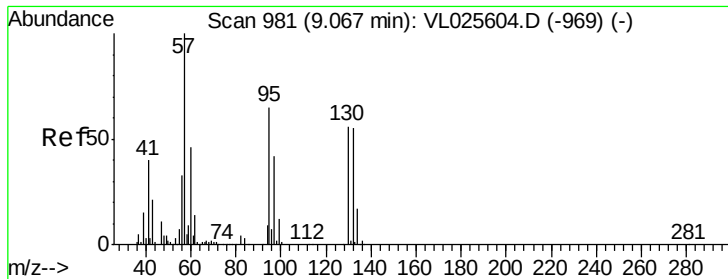
sam
 7/8/2015 11:06:27 AM



#36
 Benzene
 Concen: 2.34 ppbv m
 RT: 8.09 min Scan# 821
 Delta R.T. 0.07 min
 Lab File: VL025619.D
 Acq: 7 Jul 2015 22:40

Tgt Ion: 78 Resp: 425755
 Ion Ratio Lower Upper
 78 100
 77 24.6 19.0 28.4
 50 16.8 19.2 28.8#





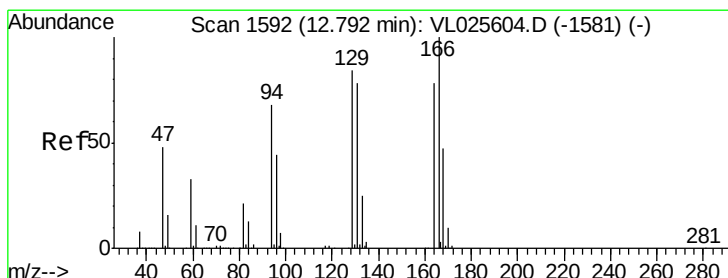
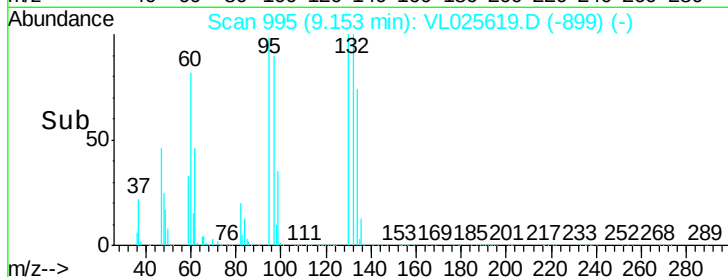
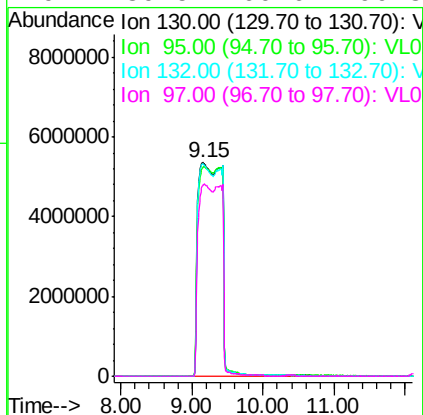
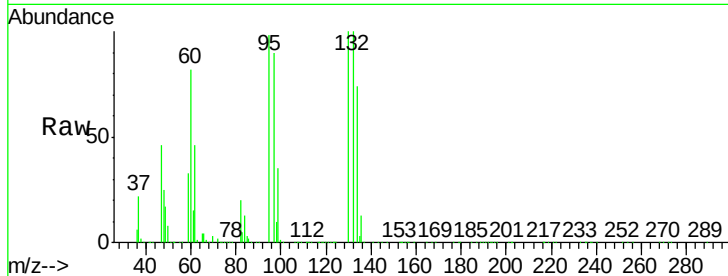
#38
 Trichloroethene
 Concen: 1459.12 ppbv m
 RT: 9.15 min Scan# 995
 Delta R.T. 0.09 min
 Lab File: VL025619.D
 Acq: 7 Jul 2015 22:40

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-INFLUENT-070115

Tot Ion:130 Resp:12370024
 Ion Ratio Lower Upper
 130 100
 95 97.7 94.2 141.4
 132 99.5 78.6 118.0
 97 89.5 60.6 90.8

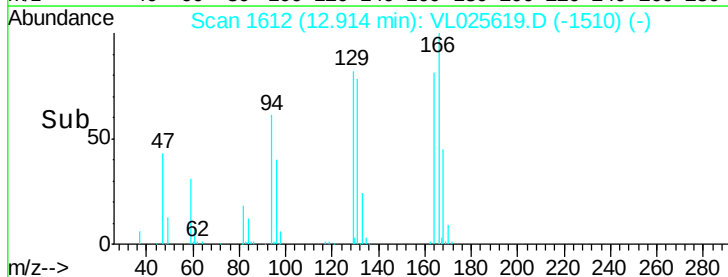
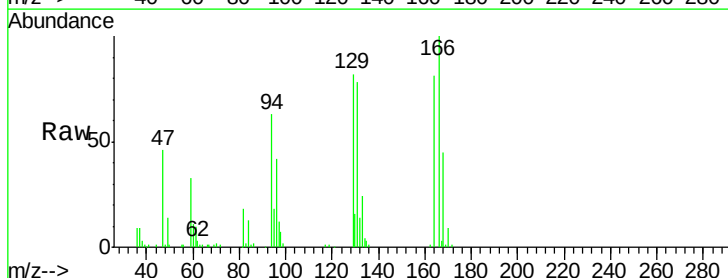
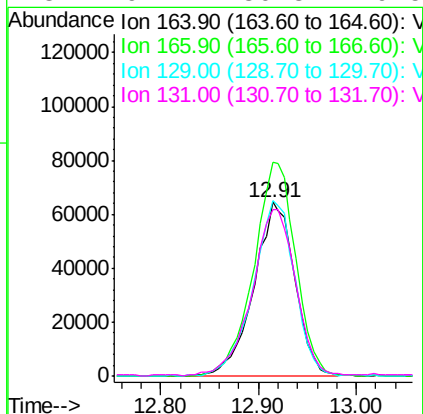
Manual Integrations
 APPROVED

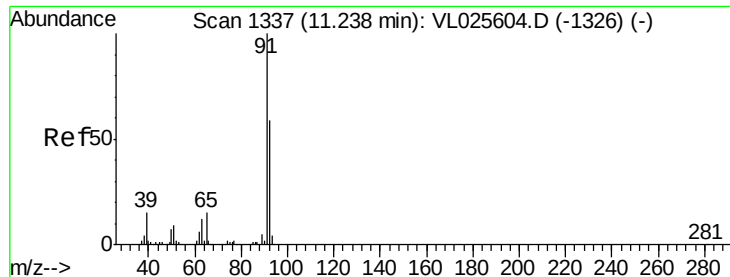
sam
 7/8/2015 11:06:27 AM



#52
 Tetrachloroethene
 Concen: 2.06 ppbv
 RT: 12.91 min Scan# 1612
 Delta R.T. 0.12 min
 Lab File: VL025619.D
 Acq: 7 Jul 2015 22:40

Tgt Ion:164 Resp: 188777
 Ion Ratio Lower Upper
 164 100
 166 123.1 102.3 153.5
 129 100.7 86.2 129.4
 131 94.7 80.3 120.5





#53

Toluene

Concen: 6.94 ppbv

RT: 11.40 min Scan# 1364

Delta R.T. 0.16 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion: 91 Resp: 1777883

Ion Ratio Lower Upper

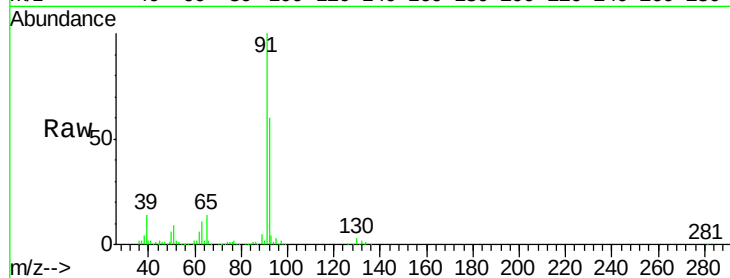
91 100

92 59.0 48.2 72.2

Manual Integrations
APPROVED

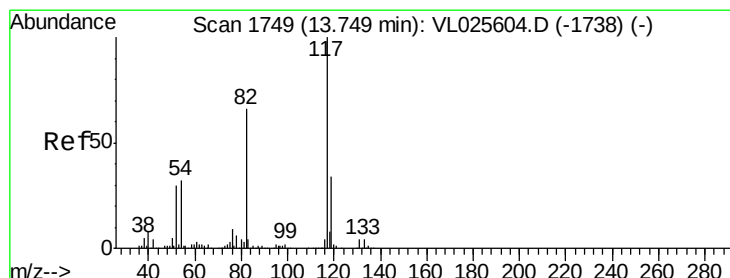
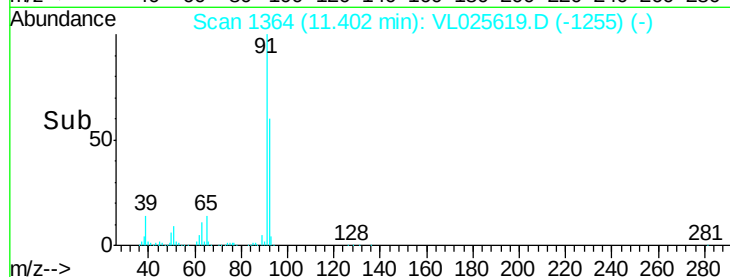
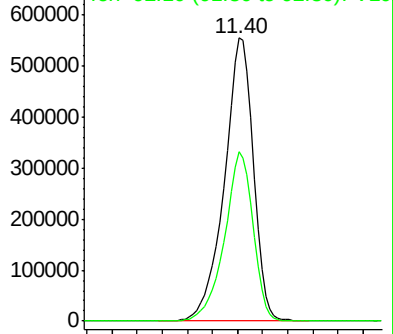
sam

7/8/2015 11:06:27 AM



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: 13.85 min Scan# 1765

Delta R.T. 0.10 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

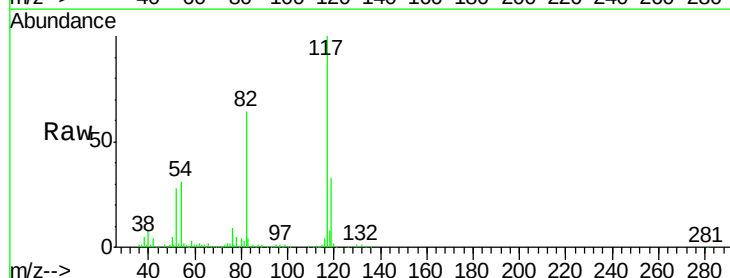
Tgt Ion: 117 Resp: 2476363

Ion Ratio Lower Upper

117 100

82 68.0 50.5 75.7

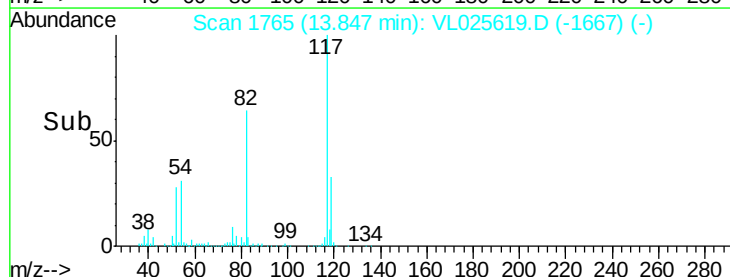
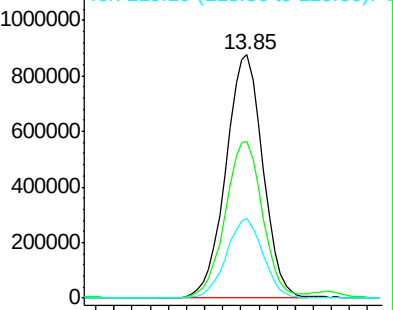
119 32.9 45.1 67.7#

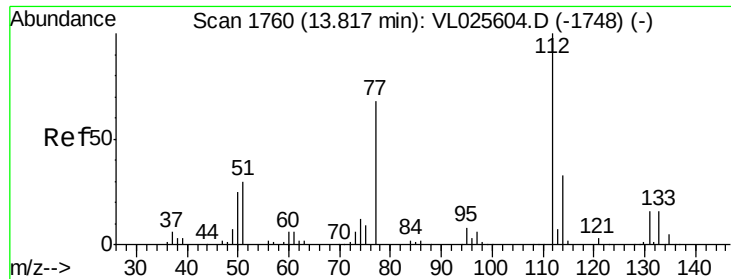


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





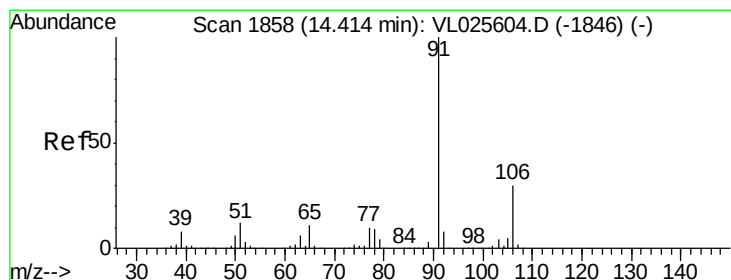
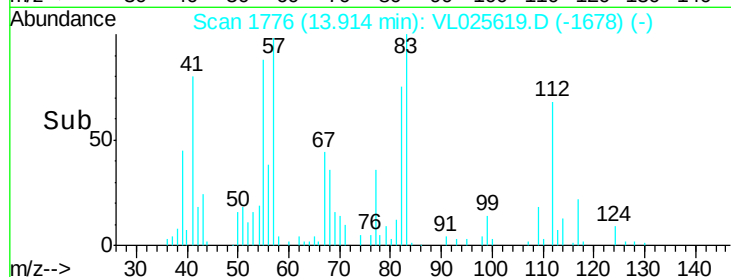
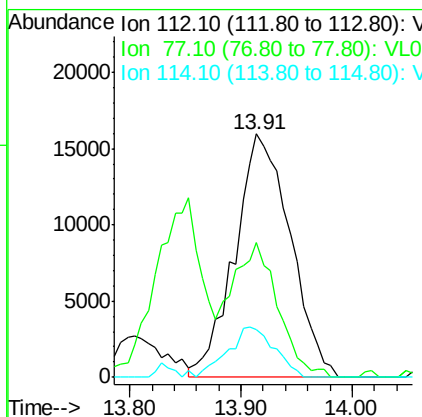
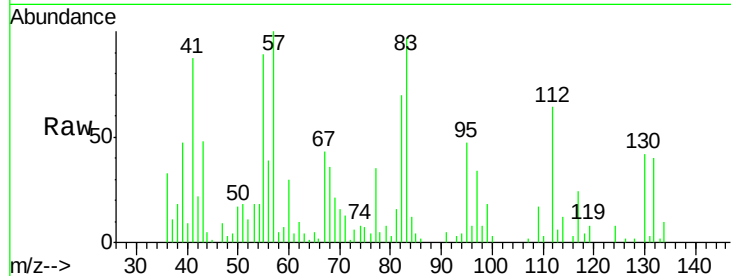
#57
Chlorobenzene
Concen: 0.21 ppbv
RT: 13.91 min Scan# 1776
Delta R.T. 0.10 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tot Ion	Ratio	Lower	Upper
112	100		
77	55.6	55.2	82.8
114	19.6	29.4	36.0#

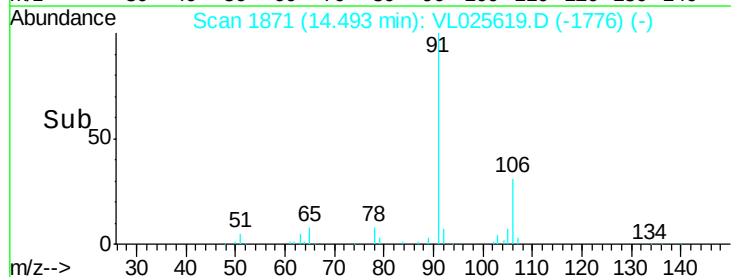
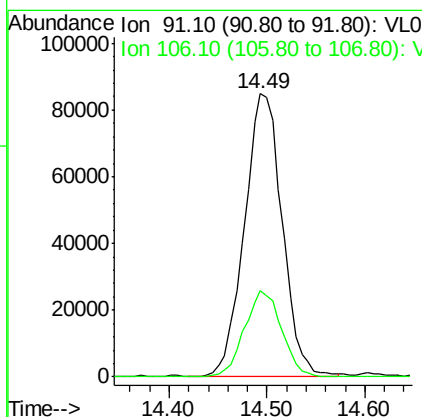
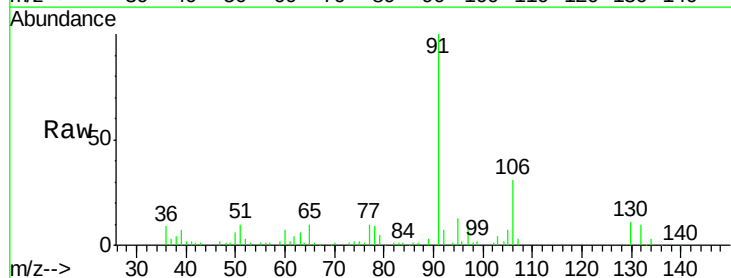
Manual Integrations
APPROVED

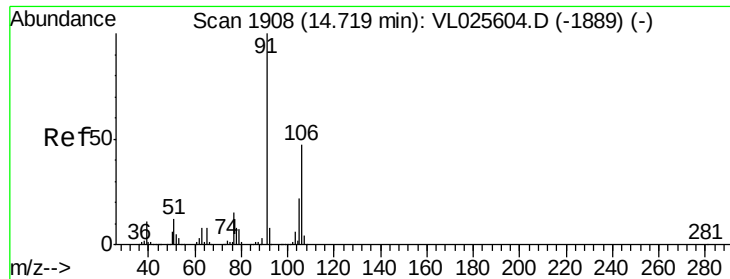
sam
7/8/2015 11:06:27 AM



#58
Ethyl Benzene
Concen: 0.56 ppbv
RT: 14.49 min Scan# 1871
Delta R.T. 0.08 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.2





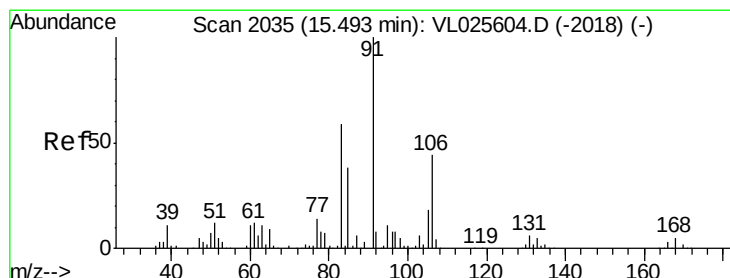
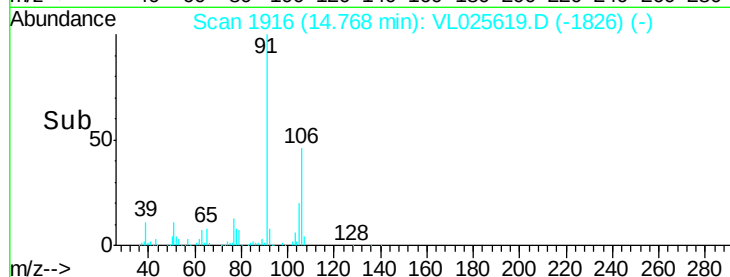
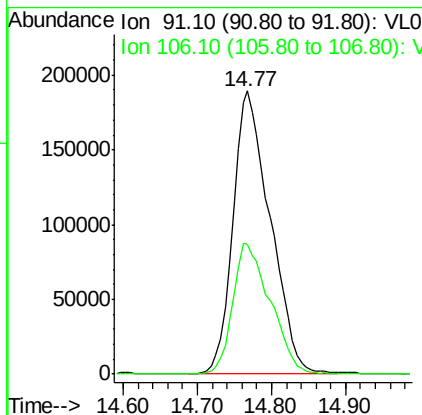
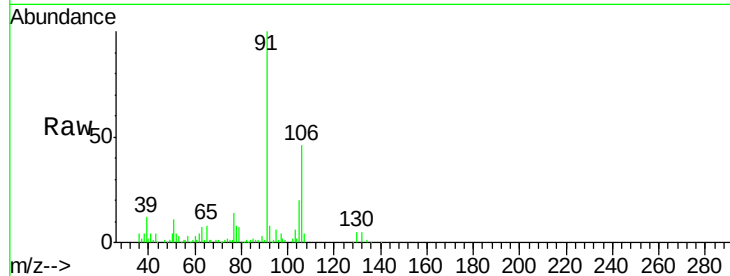
#59
m/p-Xylene
Concen: 1.84 ppbv
RT: 14.77 min Scan# 1916
Delta R.T. 0.05 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tot Ion: 91 Resp: 662710
Ion Ratio Lower Upper
91 100
106 46.7 37.9 56.9

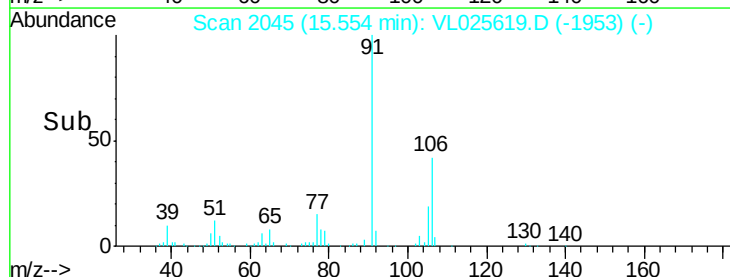
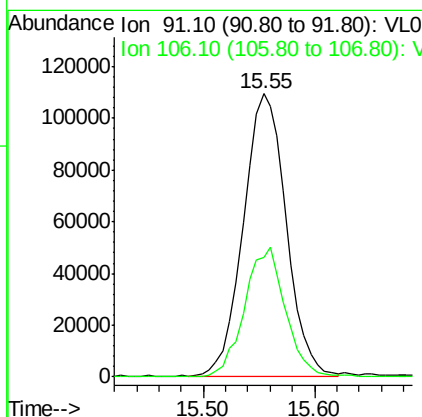
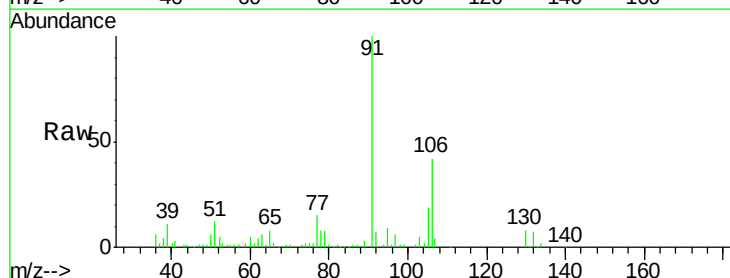
Manual Integrations
APPROVED

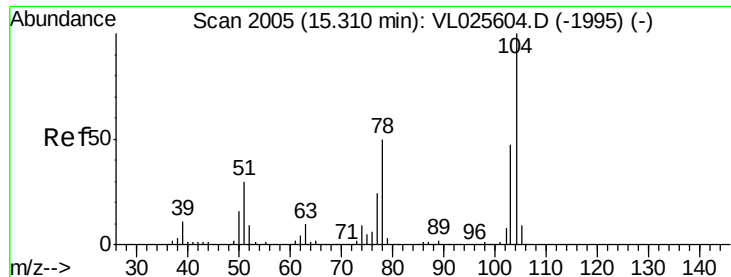
sam
7/8/2015 11:06:27 AM



#60
o-Xylene
Concen: 0.76 ppbv
RT: 15.55 min Scan# 2045
Delta R.T. 0.06 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion: 91 Resp: 293840
Ion Ratio Lower Upper
91 100
106 43.8 22.1 66.1





#61

Stvrene

Concen: 0.24 ppbv m

RT: 15.37 min Scan# 2015

Delta R.T. 0.06 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

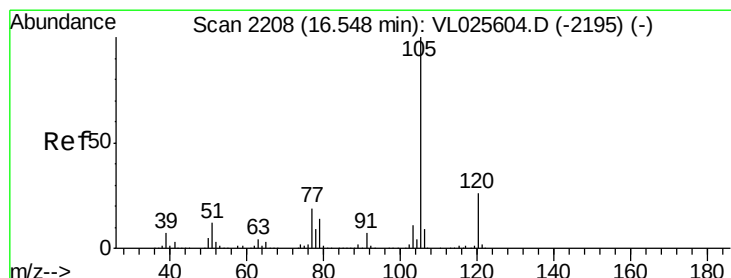
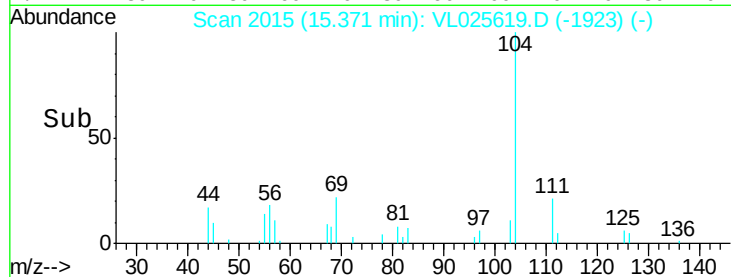
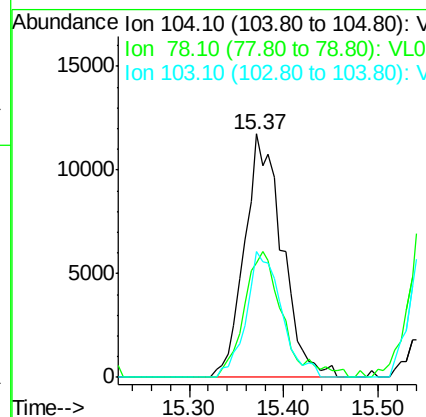
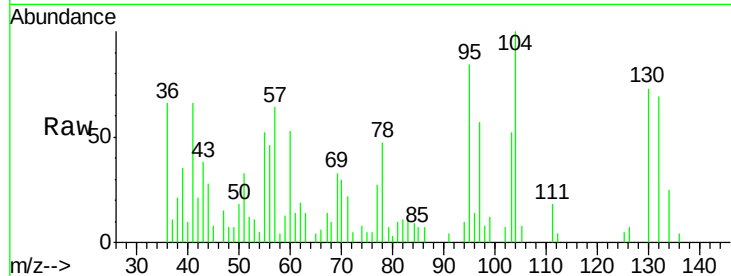
ERD45-INFLUENT-070115

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.2	60.4#
103	0.0	37.4	56.2#

Manual Integrations
APPROVED

sam

7/8/2015 11:06:27 AM



#62

Isopropylbenzene

Concen: 1.00 ppbv

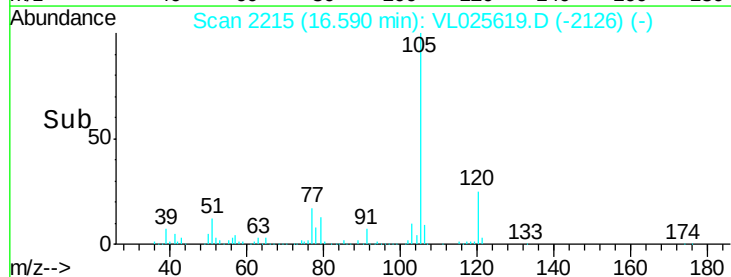
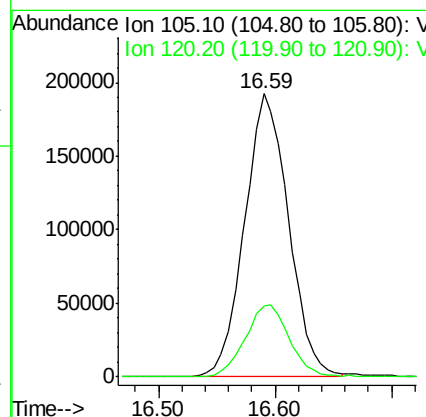
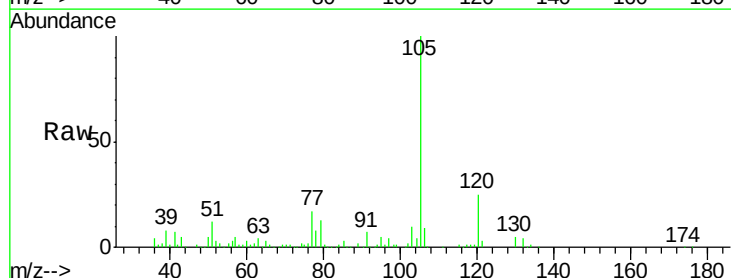
RT: 16.59 min Scan# 2215

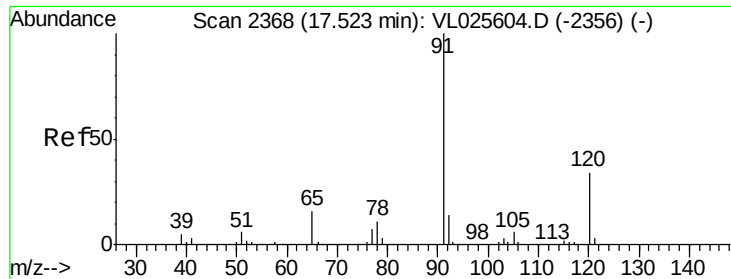
Delta R.T. 0.04 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0





#64

n-propylbenzene

Concen: 0.12 ppbv

RT: 17.55 min Scan# 2373

Delta R.T. 0.03 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion:120 Resp: 15907

Ion Ratio Lower Upper

120 100

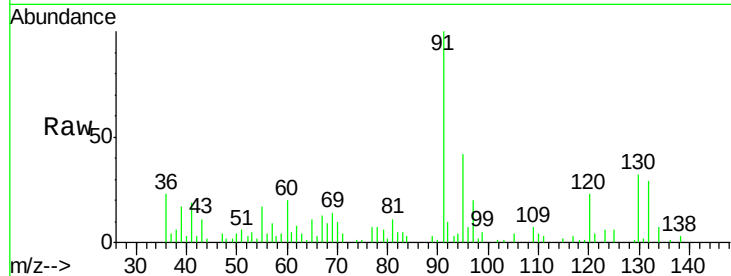
91 521.3 370.5 555.7

Manual Integrations

APPROVED

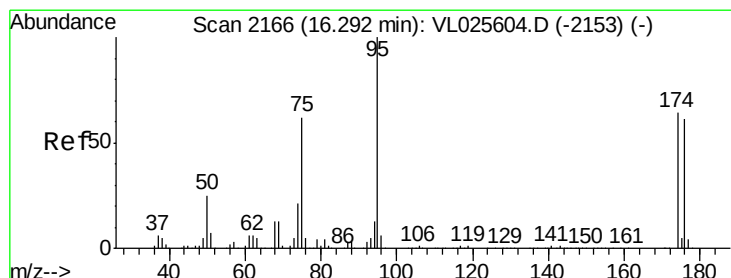
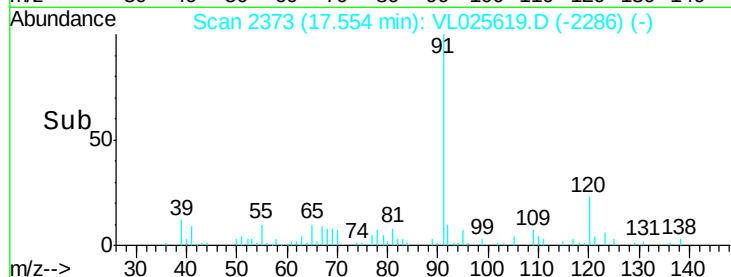
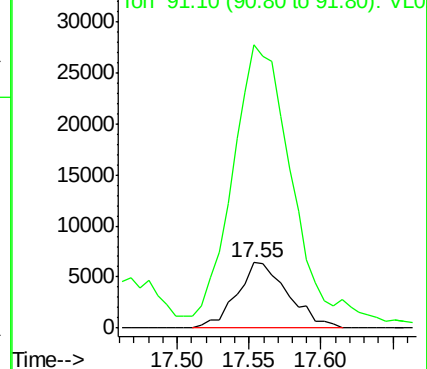
sam

7/8/2015 11:06:27 AM



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.95 ppbv

RT: 16.34 min Scan# 2174

Delta R.T. 0.05 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

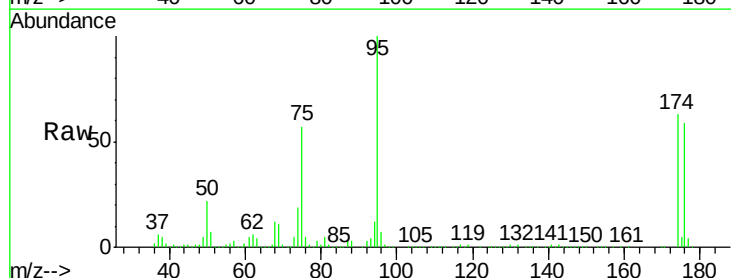
Tgt Ion: 95 Resp: 2077807

Ion Ratio Lower Upper

95 100

174 64.0 52.0 78.0

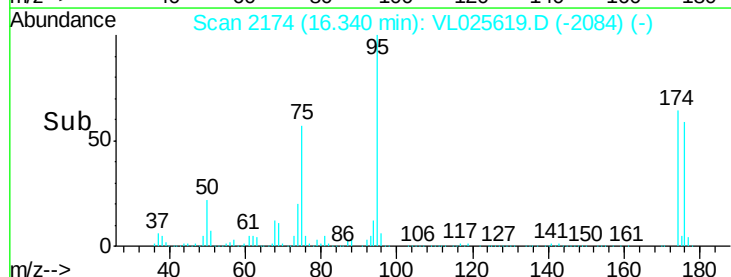
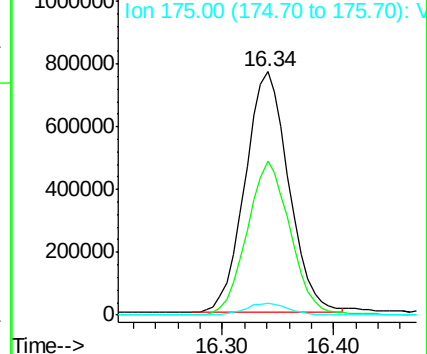
175 5.1 3.9 5.9

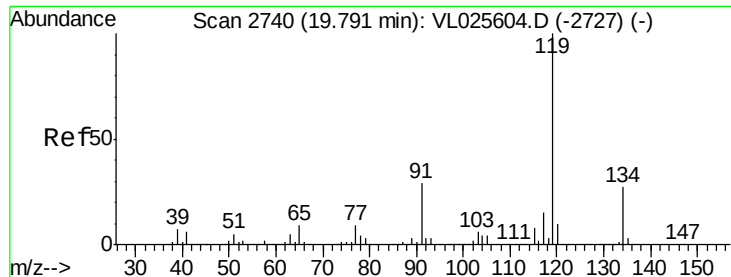


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





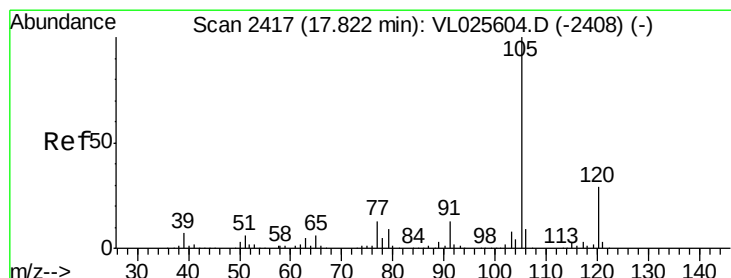
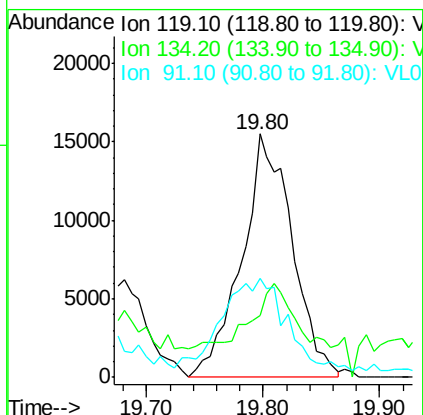
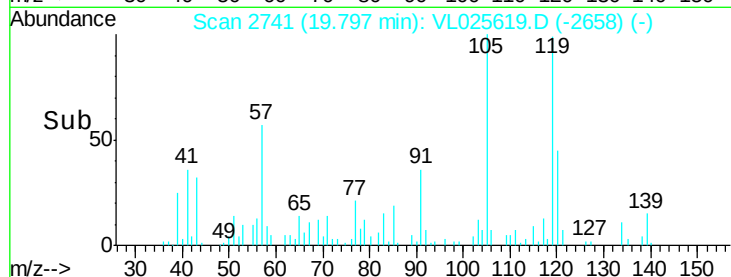
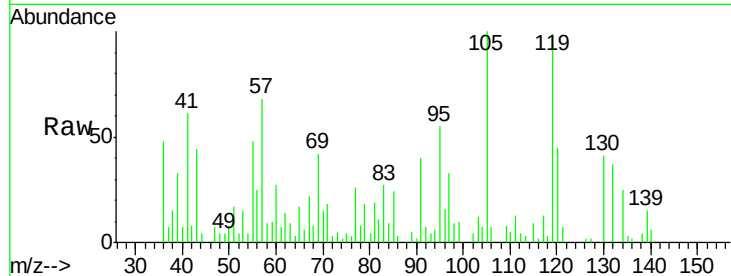
#69
p-Isopropyltoluene
Concen: 0.08 ppbv
RT: 19.80 min Scan# 2741
Delta R.T. 0.01 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Instrument :
MSVOA_L
ClientSampleId :
ERD45-INFLUENT-070115

Tot Ion	Ratio	Lower	Upper
119	100		
134	39.3	20.7	31.1#
91	53.6	22.6	34.0#

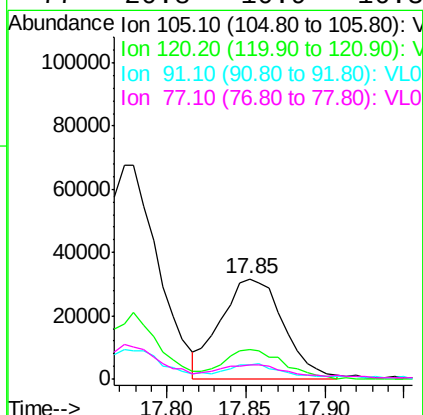
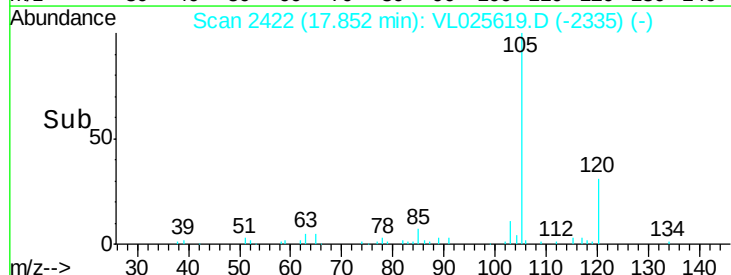
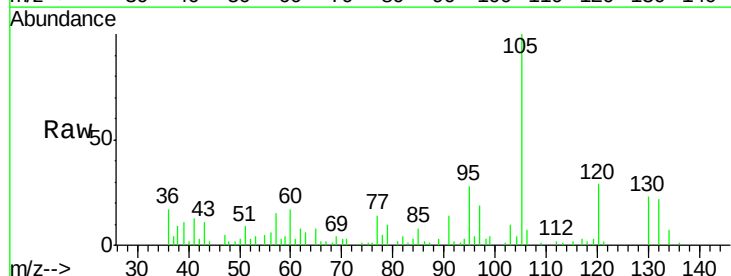
Manual Integrations
APPROVED

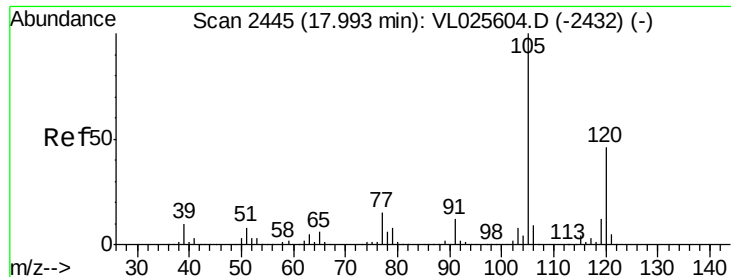
sam
7/8/2015 11:06:27 AM



#72
4-Ethyltoluene
Concen: 0.21 ppbv m
RT: 17.85 min Scan# 2422
Delta R.T. 0.03 min
Lab File: VL025619.D
Acq: 7 Jul 2015 22:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	59.1	23.9	35.9#
91	18.8	10.3	15.5#
77	20.8	10.9	16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.26 ppbv

RT: 18.02 min Scan# 2449

Delta R.T. 0.02 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115

Tot Ion:105 Resp: 108779

Ion Ratio Lower Upper

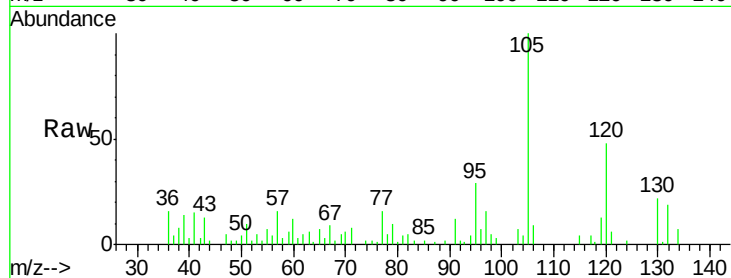
105 100

120 48.1 37.0 55.4

Manual Integrations
APPROVED

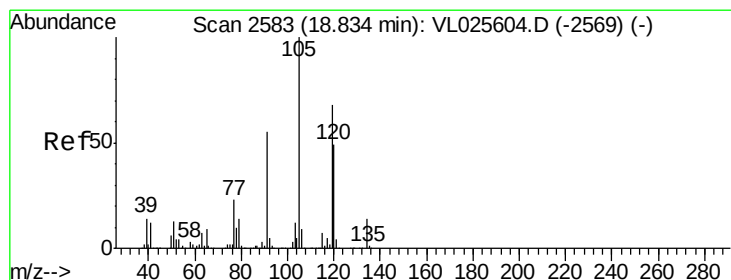
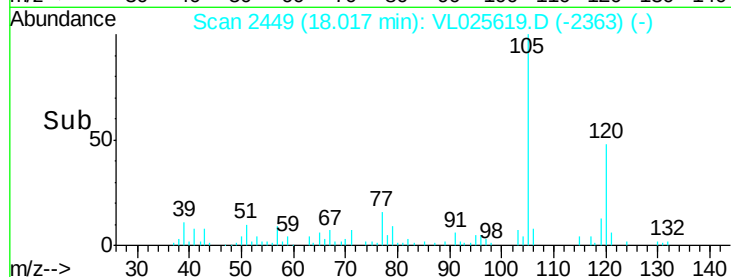
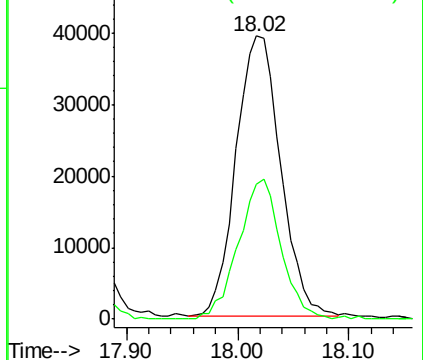
sam

7/8/2015 11:06:27 AM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.65 ppbv

RT: 18.86 min Scan# 2587

Delta R.T. 0.02 min

Lab File: VL025619.D

Acq: 7 Jul 2015 22:40

Tgt Ion:105 Resp: 304100

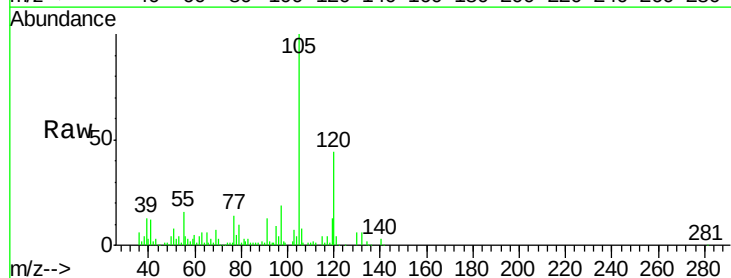
Ion Ratio Lower Upper

105 100

120 43.7 39.3 58.9

91 13.0 43.8 65.6#

77 14.0 18.3 27.5#

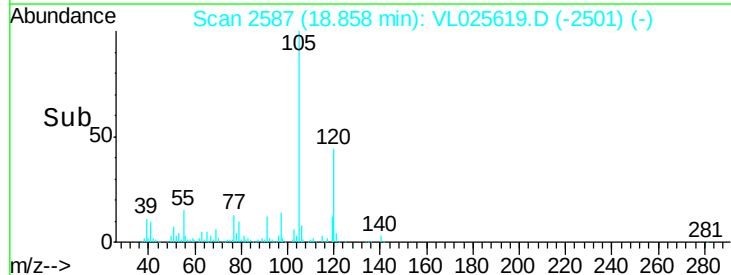
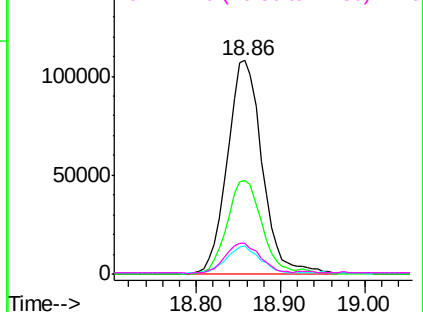


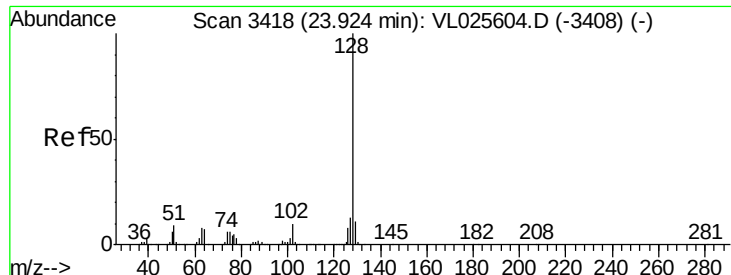
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#79

Naphthalene

Concen: 0.18 ppbv m

RT: 23.94 min Scan# 3421

Delta R.T. 0.02 min

Lab File: VL025619.D

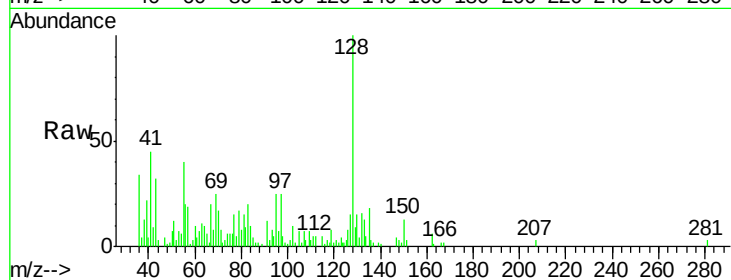
Acq: 7 Jul 2015 22:40

Instrument :

MSVOA_L

ClientSampleId :

ERD45-INFLUENT-070115



Tot Ion:	128	Resp:	80099
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.8	16.2
129	8.9	9.0	13.4#

Manual Integrations
APPROVED

sam
7/8/2015 11:06:27 AM

