

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025751.D
 Acq On : 27 Jul 2015 13:26
 Operator : SY/MD
 Sample : VL0727ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0727ABS01

Manual Integrations
 APPROVED

sam
 7/28/2015 11:59:19 AM

Quant Time: Jul 28 01:12:44 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	6.66	49	651363	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1852308	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	2101924m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1685439	9.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.64	85	1236577	7.33	ppbv	96
3) Chlorodifluoromethane	3.57	51	694843	7.57	ppbv	99
4) Chloromethane	3.75	50	338746	8.09	ppbv	99
5) Vinyl Chloride	3.89	62	368718	8.15	ppbv	99
6) Bromomethane	4.14	94	310457	8.46	ppbv	98
7) Chloroethane	4.24	64	167906	7.98	ppbv	97
8) Dichlorotetrafluoroethane	3.80	85	1146715	7.75	ppbv	99
9) Propene	3.59	41	249869	8.19	ppbv	100
10) Heptane	9.36	43	1056572	8.90	ppbv	98
11) Trichlorofluoromethane	4.69	101	1765097	8.06	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1019644	8.12	ppbv	100
13) Ethanol	4.33	45	32435	6.84	ppbv	97
14) Bromoethene	4.45	108	337049	8.19	ppbv	99
15) Acetone	4.60	43	1333186	11.59	ppbv	97
16) 1,3-Butadiene	3.96	39	368177	8.04	ppbv	100
17) tert-Butyl alcohol	5.12	59	871125	9.02	ppbv	100
18) 1,1-Dichloroethene	5.08	96	398034	8.28	ppbv	98
19) Isopropyl Alcohol	4.75	45	352804	7.68	ppbv #	1
20) Methylene Chloride	5.15	84	364347	7.79	ppbv	94
21) Allyl Chloride	5.23	41	579088	8.04	ppbv	98
22) trans-1,2-Dichloroethene	5.76	96	409617	8.35	ppbv	100
23) Vinyl Acetate	5.98	43	1661747	9.53	ppbv	99
24) 1,1-Dichloroethane	5.92	63	959430	8.21	ppbv	99
25) Ethyl Acetate	6.67	43	1458338	8.37	ppbv	100
26) Hexane	6.66	57	685852	8.37	ppbv	99
27) Carbon Disulfide	5.39	76	1105539	8.33	ppbv	100
28) Methyl tert-Butyl Ether	5.95	73	1418366	8.70	ppbv	100
29) Chloroform	6.75	83	1322550	8.17	ppbv	100
30) Cyclohexane	8.29	84	721890	9.21	ppbv	98
31) cis-1,2-Dichloroethene	6.52	61	712593	8.75	ppbv	99
32) 1,1,1-Trichloroethane	7.60	97	1473398	8.37	ppbv	100
34) 2-Butanone	6.20	43	907468	8.63	ppbv	100
35) Carbon Tetrachloride	8.17	117	1585549	8.03	ppbv	100
36) Benzene	8.02	78	1517846	8.56	ppbv	98
37) 1,2-Dichloroethane	7.38	62	1185965	7.83	ppbv	100
38) Trichloroethene	9.07	130	706704	8.57	ppbv	99
39) 1,2-Dichloropropane	8.83	63	551754	8.42	ppbv	99
40) 1,4-Dioxane	9.13	88	81879	7.97	ppbv #	1
41) Tetrahydrofuran	7.12	42	450642	8.59	ppbv	99
42) Bromodichloromethane	9.03	83	1555384	8.51	ppbv	99
43) Methyl Methacrylate	9.27	69	639829	9.40	ppbv	100

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025751.D
 Acq On : 27 Jul 2015 13:26
 Operator : SY/MD
 Sample : VL0727ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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sam
 7/28/2015 11:59:19 AM

Quant Time: Jul 28 01:12:44 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 0
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	2644918	8.69	ppbv	100
45) t-1,3-Dichloropropene	10.66	75	1029793	8.99	ppbv	99
46) cis-1,3-Dichloropropene	10.02	75	1150162	9.09	ppbv	97
47) 1,1,2-Trichloroethane	10.88	97	764188	8.38	ppbv	98
48) Dibromochloromethane	11.80	129	1404908	8.61	ppbv	99
49) Bromoform	14.82	173	1141768	8.49	ppbv	99
50) 4-Methyl-2-Pentanone	10.09	43	1384137	9.14	ppbv	98
51) 2-Hexanone	11.62	43	1342093	9.88	ppbv	100
52) Tetrachloroethene	12.80	164	793298	8.92	ppbv	99
53) Toluene	11.24	91	2297837	9.22	ppbv	99
54) 1,2-Dibromoethane	12.15	107	1255334	8.51	ppbv	99
56) 1,1,1,2-Tetrachloroethane	13.79	131	1074604	9.46	ppbv	98
57) Chlorobenzene	13.82	112	2019198	9.03	ppbv	98
58) Ethyl Benzene	14.42	91	3577066	10.30	ppbv	99
59) m/p-Xylene	14.72	91	5900155m	19.34	ppbv	
60) o-Xylene	15.50	91	3136299	9.55	ppbv	100
61) Styrene	15.32	104	1344720	11.68	ppbv	99
62) Isopropylbenzene	16.55	105	4162453	9.69	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.49	83	1978439	8.90	ppbv	99
64) n-propylbenzene	17.53	120	1129900	9.73	ppbv	99
65) tert-Butylbenzene	18.82	119	3929709	9.32	ppbv	99
66) Benzyl Chloride	19.11	91	1240500	8.02	ppbv	100
67) sec-Butylbenzene	19.42	105	5574620	9.44	ppbv	100
69) p-Isopropyltoluene	19.80	119	4798689	9.86	ppbv	100
70) n-Butylbenzene	20.76	91	4801308	9.73	ppbv	99
71) 2-Chlorotoluene	17.43	91	3199661	10.16	ppbv	100
72) 4-Ethyltoluene	17.83	105	3666873	10.10	ppbv	99
73) 1,3,5-Trimethylbenzene	17.99	105	3530489	9.89	ppbv	99
74) 1,2,4-Trimethylbenzene	18.84	105	3704155	9.26	ppbv	98
75) 1,3-Dichlorobenzene	19.13	146	2307022	8.86	ppbv	100
76) 1,4-Dichlorobenzene	19.28	146	2370348	9.09	ppbv	99
77) 1,2-Dichlorobenzene	20.03	146	2309405	8.94	ppbv	99
78) Hexachloro-1,3-Butadiene	24.67	225	1306154	8.22	ppbv	99
79) Naphthalene	23.93	128	3430845	8.88	ppbv	100
80) Naphthalene,2-methyl-	26.04	142	591923	5.27	ppbv	100
81) 1,2,4-Trichlorobenzene	23.74	180	1770885	9.56	ppbv	99

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

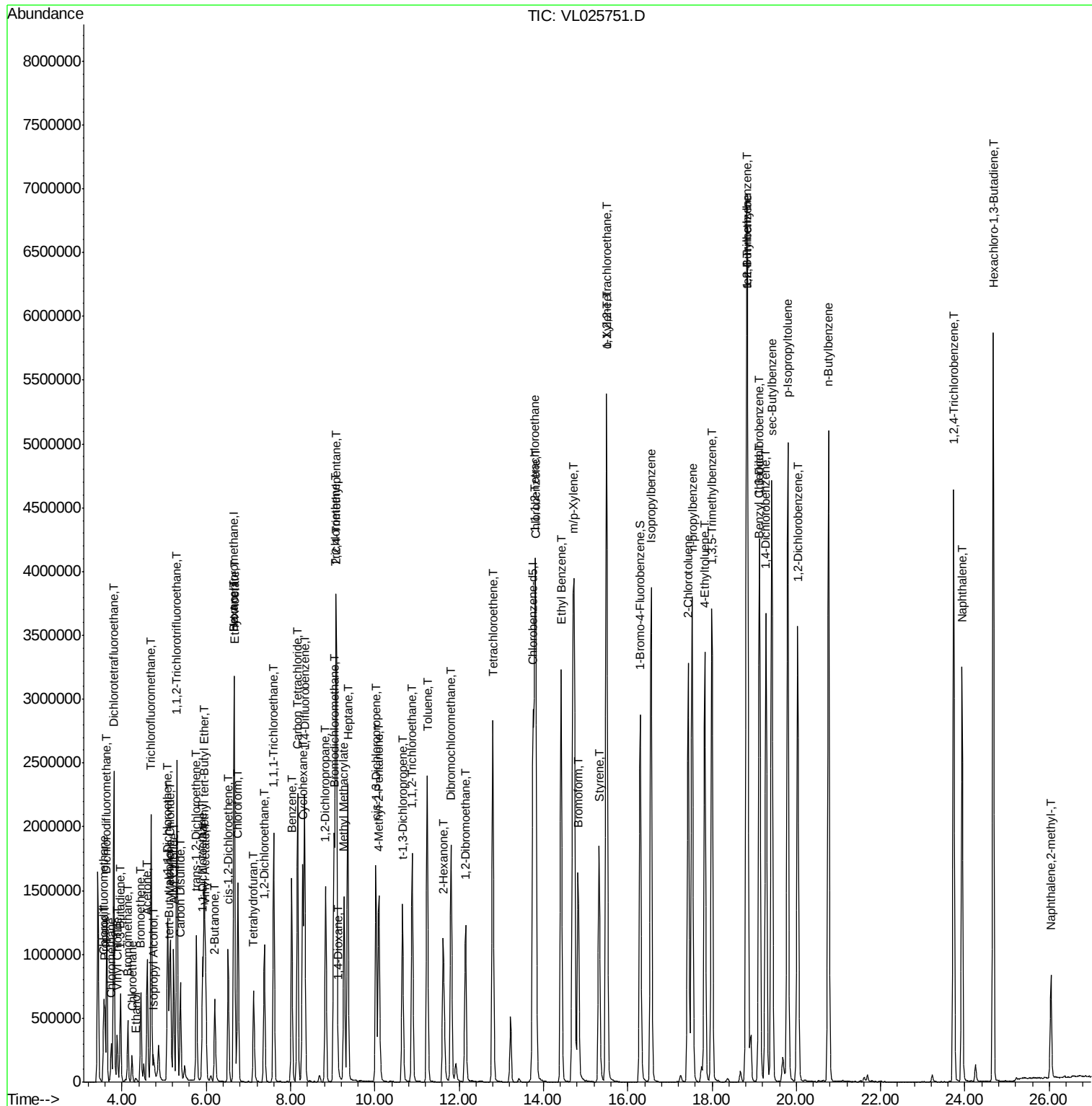
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025751.D
Acq On : 27 Jul 2015 13:26
Operator : SY/MD
Sample : VL0727ABS01
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ALS Vial : 1 Sample Multiplier: 1

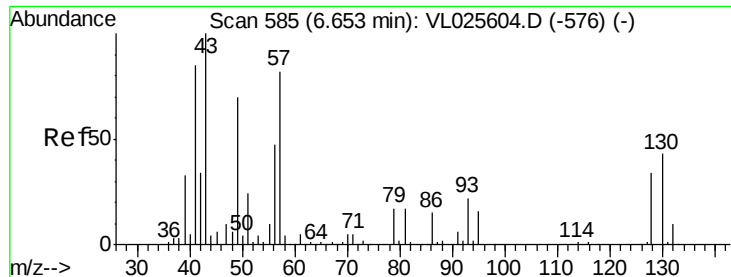
Instrument :
MSVOA_L
Client Sample Id :
VL0727ABS01

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Quant Time: Jul 28 01:12:44 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: 6.66 min Scan# 586

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 49 Resp: 651363

Ion Ratio Lower Upper

49 100

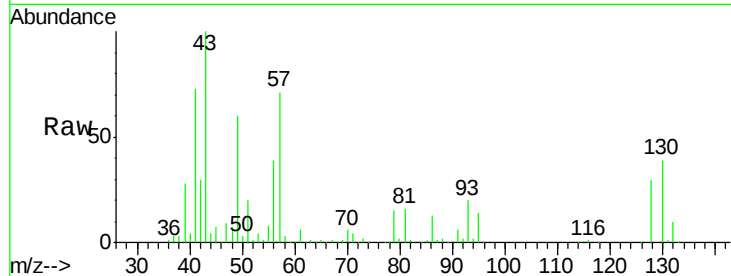
128 49.7 25.4 76.0

130 63.8 31.9 95.9

Manual Integrations
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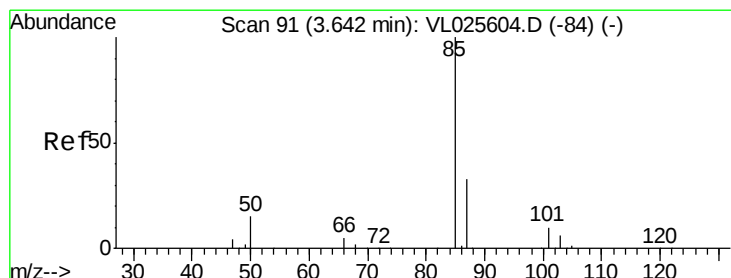
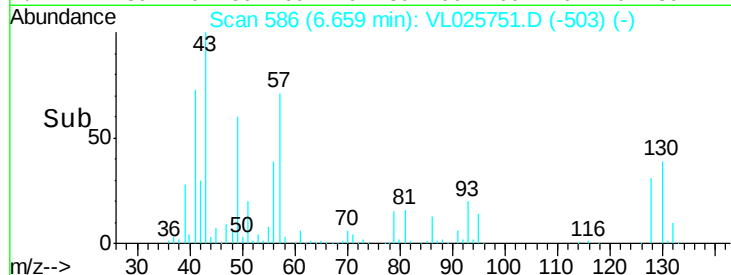
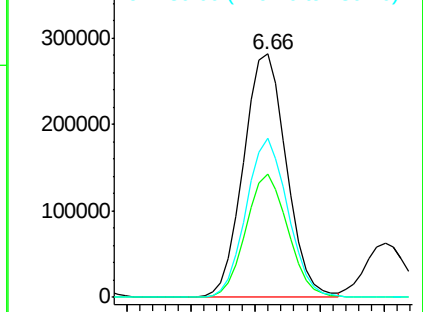
7/28/2015 11:59:19 AM



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: 7.33 ppbv

RT: 3.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VL025751.D

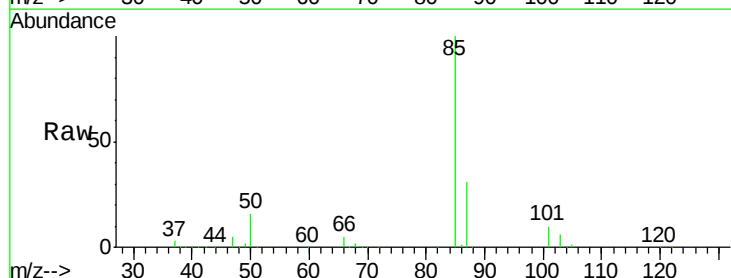
Acq: 27 Jul 2015 13:26

Tgt Ion: 85 Resp: 1236577

Ion Ratio Lower Upper

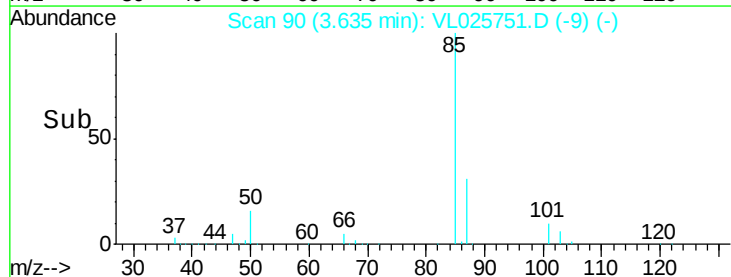
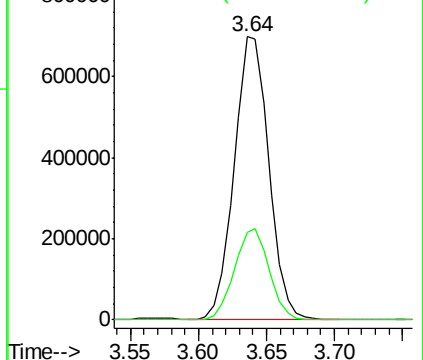
85 100

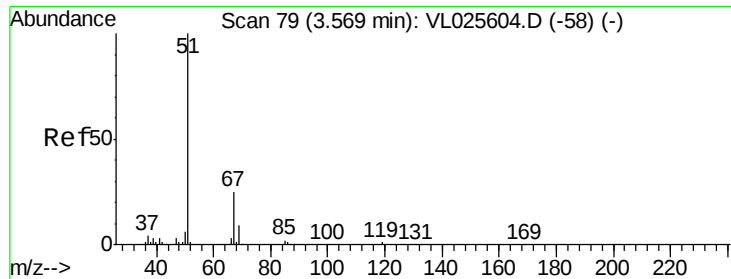
87 31.0 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 7.57 ppbv

RT: 3.57 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 51 Resp: 694843

Ion Ratio Lower Upper

51 100

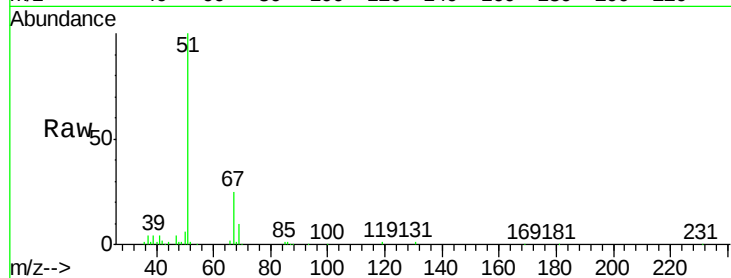
67 24.7 19.5 29.3

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

3.57

400000

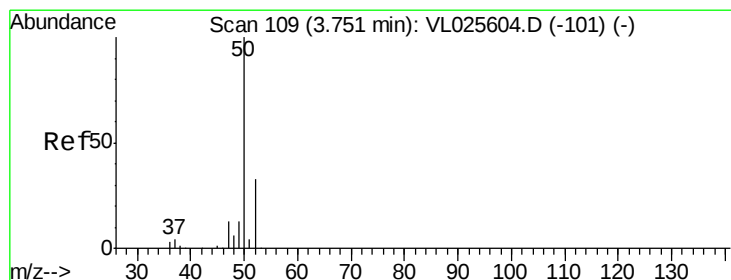
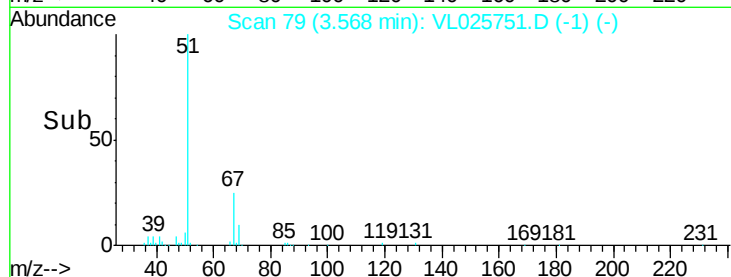
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 8.09 ppbv

RT: 3.75 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL025751.D

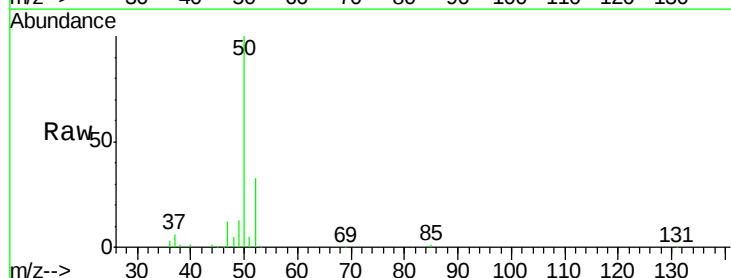
Acq: 27 Jul 2015 13:26

Tgt Ion: 50 Resp: 338746

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.75

200000

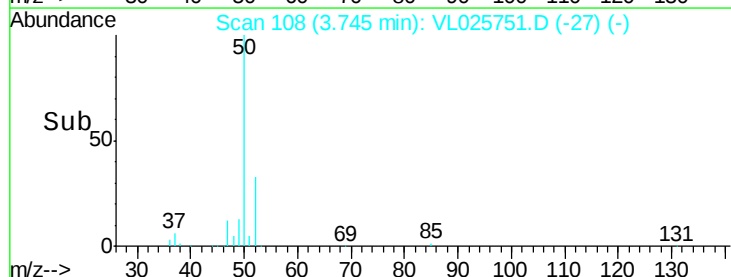
150000

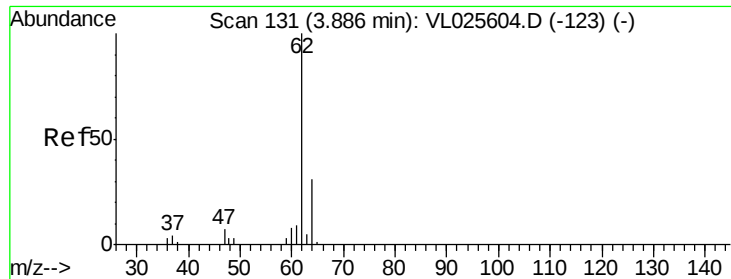
100000

50000

0

Time-->





#5

Vinyl Chloride

Concen: 8.15 ppbv

RT: 3.89 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 62 Resp: 368718

Ion Ratio Lower Upper

62 100

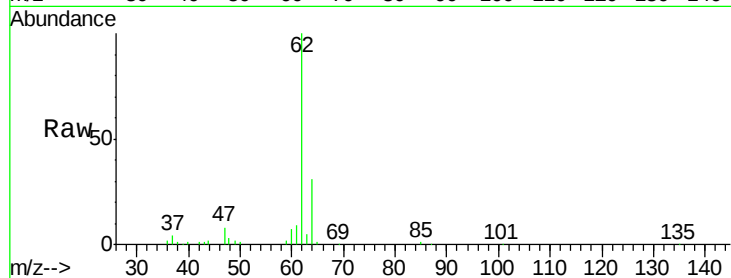
64 30.6 25.0 37.6

Manual Integrations

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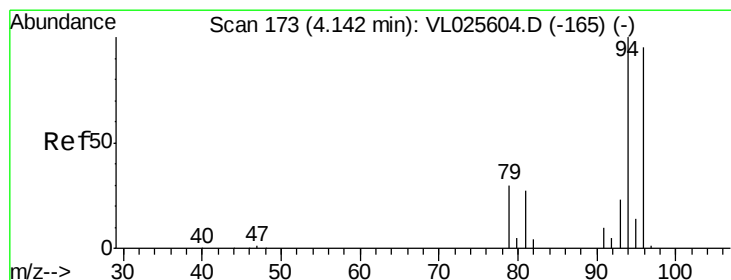
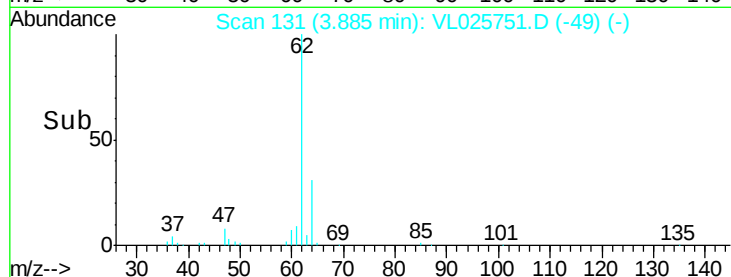
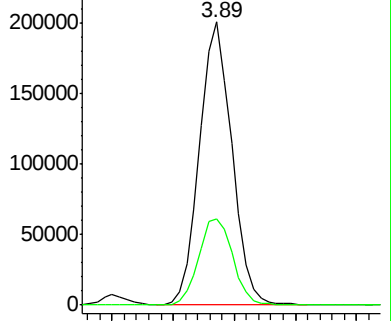
sam

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 8.46 ppbv

RT: 4.14 min Scan# 173

Delta R.T. -0.00 min

Lab File: VL025751.D

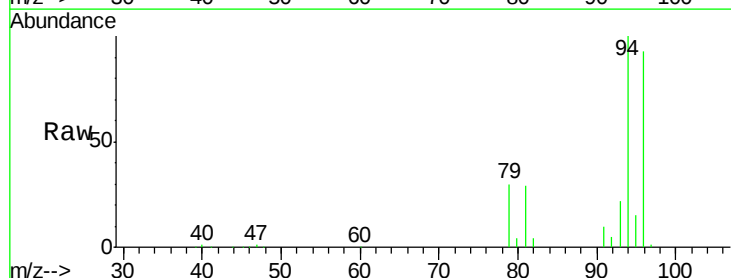
Acq: 27 Jul 2015 13:26

Tgt Ion: 94 Resp: 310457

Ion Ratio Lower Upper

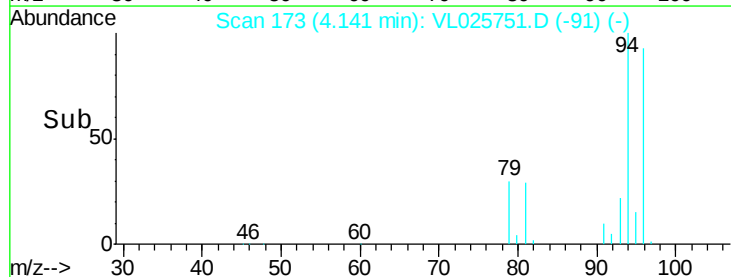
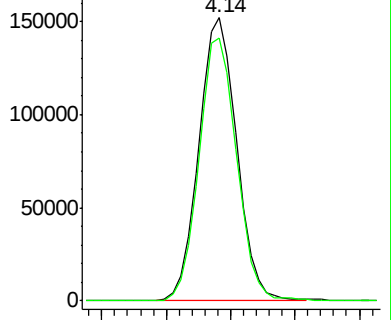
94 100

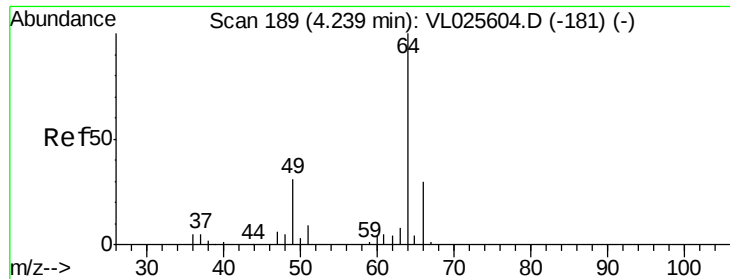
96 92.8 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 7.98 ppbv

RT: 4.24 min Scan# 189

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 64 Resp: 167906

Ion Ratio Lower Upper

64 100

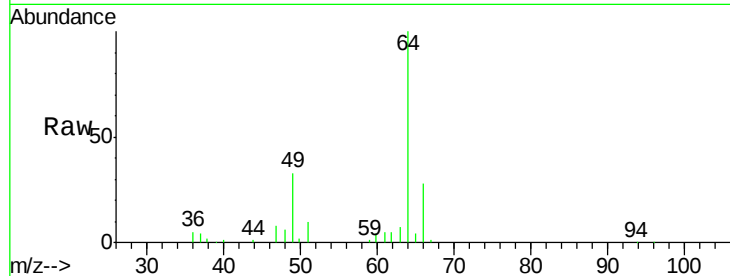
66 28.4 23.8 35.8

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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

4.24

100000

80000

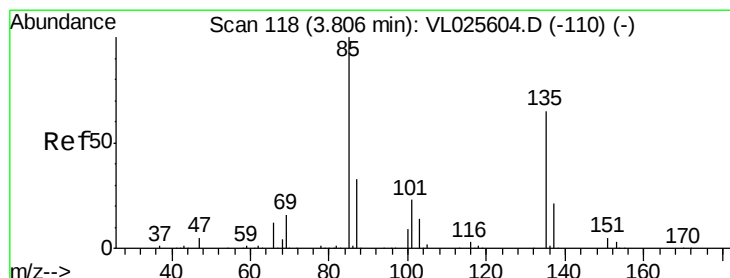
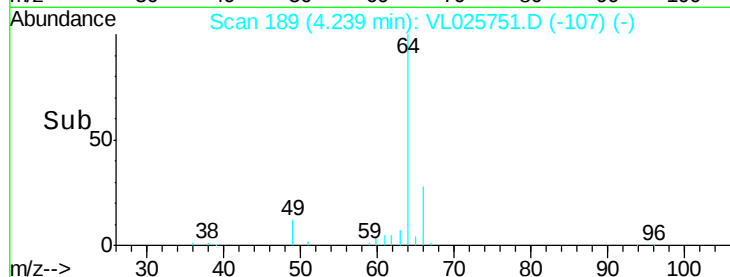
60000

40000

20000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 7.75 ppbv

RT: 3.80 min Scan# 117

Delta R.T. -0.01 min

Lab File: VL025751.D

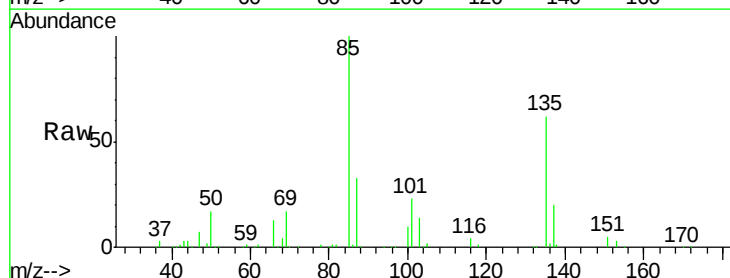
Acq: 27 Jul 2015 13:26

Tgt Ion: 85 Resp: 1146715

Ion Ratio Lower Upper

85 100

135 64.9 52.2 78.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.80

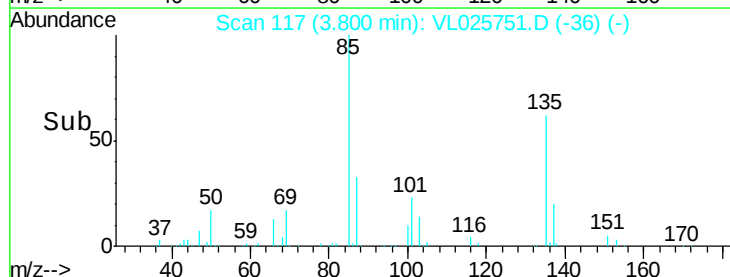
600000

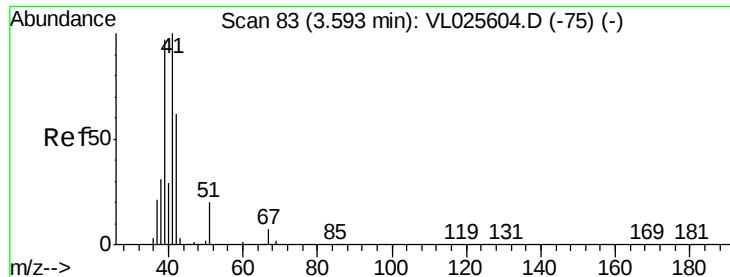
400000

200000

0

Time-->





#9

Propene

Concen: 8.19 ppbv

RT: 3.59 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 41 Resp: 249869

Ion Ratio Lower Upper

41 100

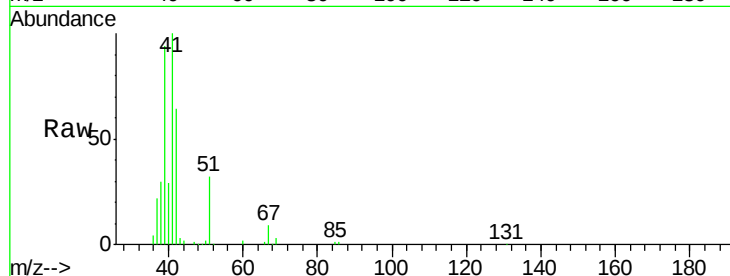
42 65.6 52.4 78.6

Manual Integrations

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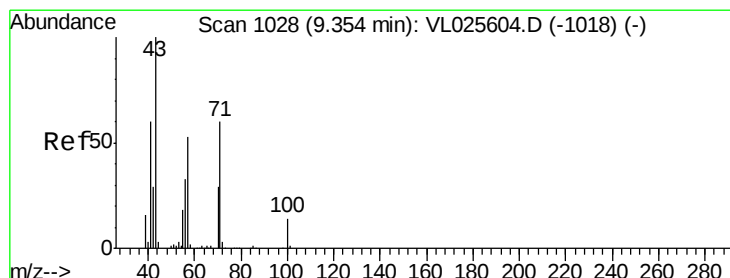
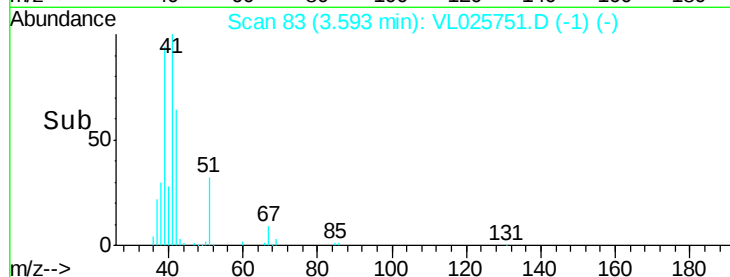
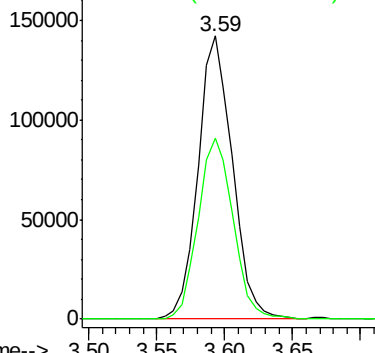
sam

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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 8.90 ppbv

RT: 9.36 min Scan# 1029

Delta R.T. 0.01 min

Lab File: VL025751.D

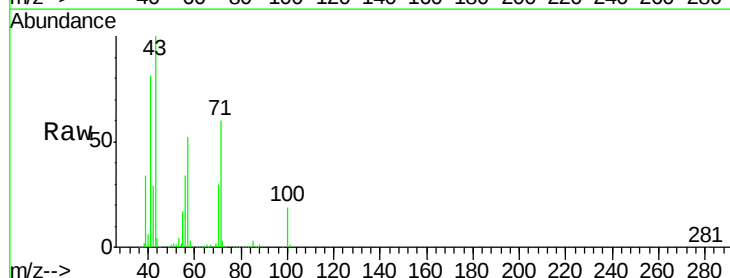
Acq: 27 Jul 2015 13:26

Tgt Ion: 43 Resp: 1056572

Ion Ratio Lower Upper

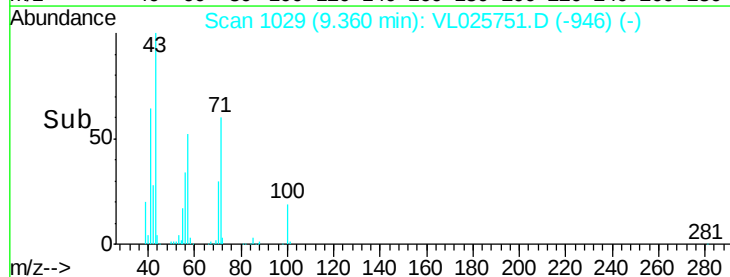
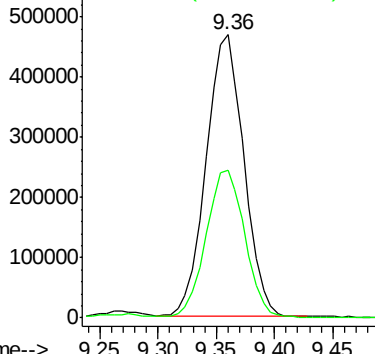
43 100

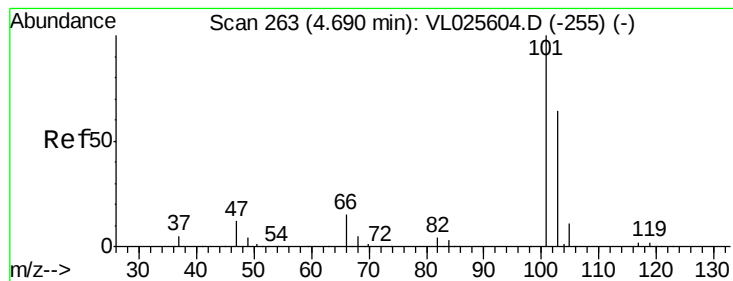
57 55.0 42.6 64.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 8.06 ppbv

RT: 4.69 min Scan# 263

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Tgt Ion:101 Resp: 1765097

Ion Ratio Lower Upper

101 100

103 65.2 51.4 77.2

Instrument :

MSVOA_L

ClientSampleId :

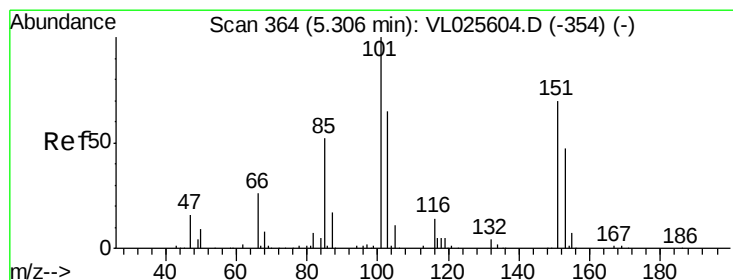
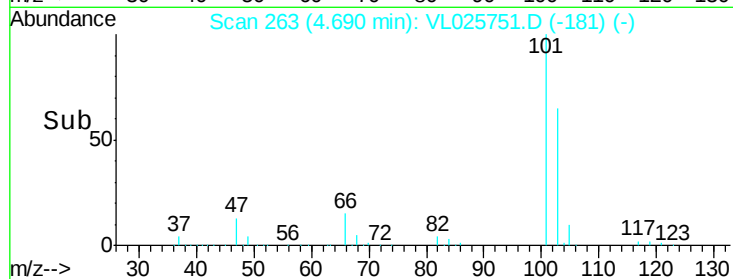
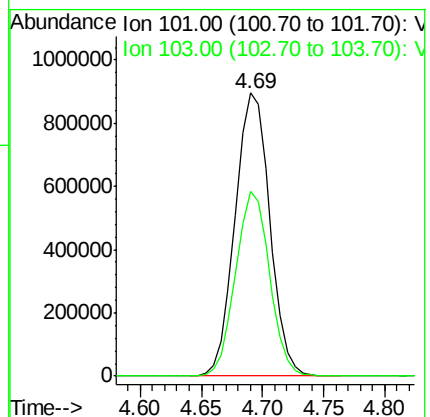
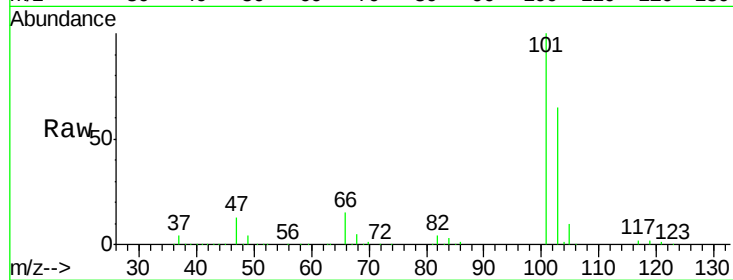
VL0727ABS01

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.12 ppbv

RT: 5.31 min Scan# 364

Delta R.T. -0.00 min

Lab File: VL025751.D

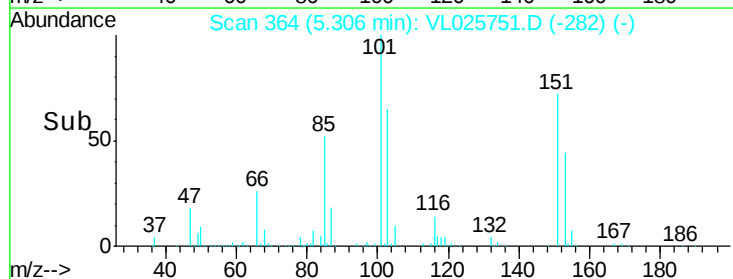
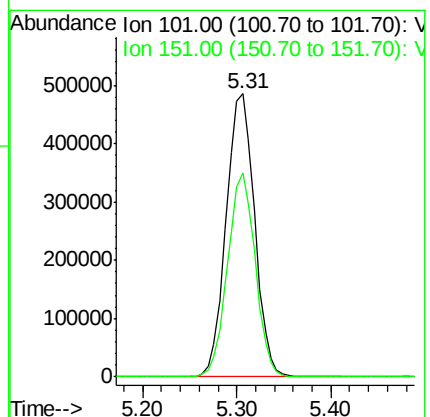
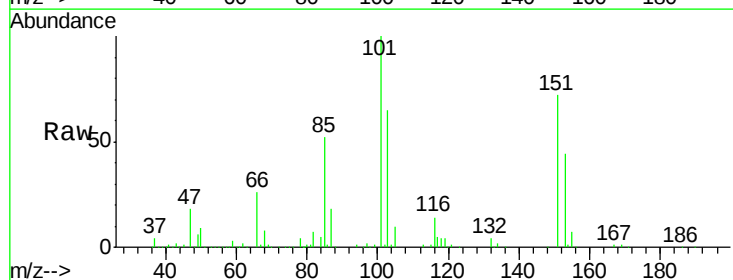
Acq: 27 Jul 2015 13:26

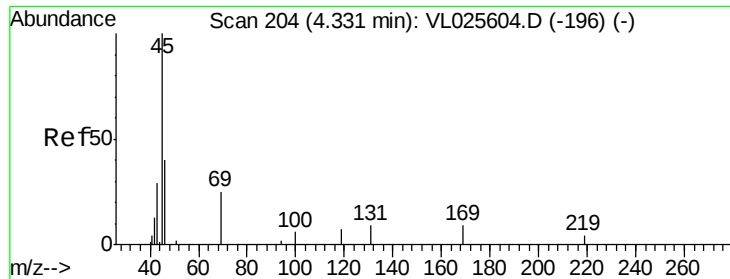
Tgt Ion:101 Resp: 1019644

Ion Ratio Lower Upper

101 100

151 70.3 56.3 84.5





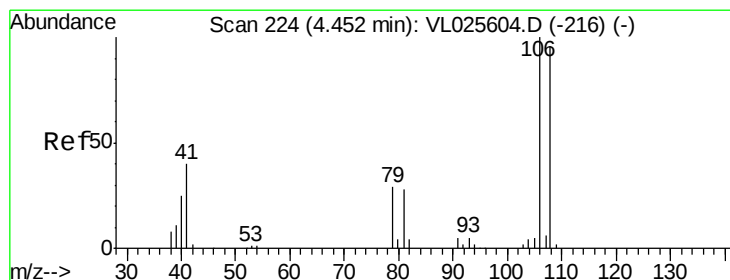
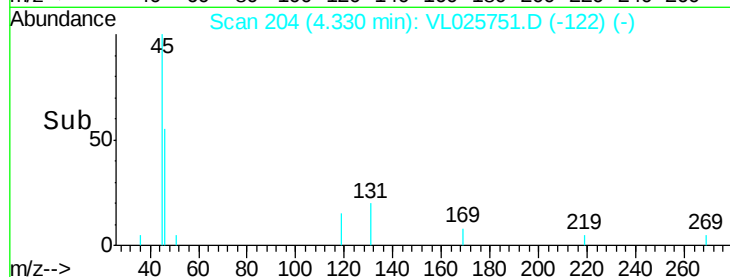
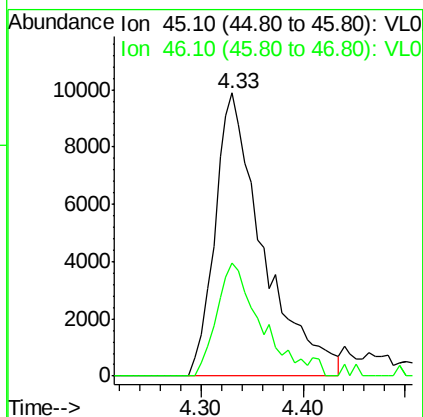
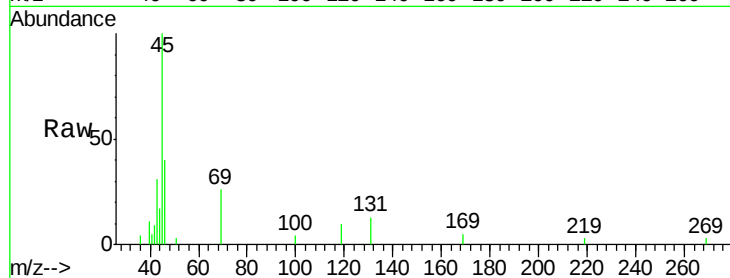
#13
Ethanol
Concen: 6.84 ppbv
RT: 4.33 min Scan# 204
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion: 45 Resp: 32435
Ion Ratio Lower Upper
45 100
46 38.2 16.0 64.0

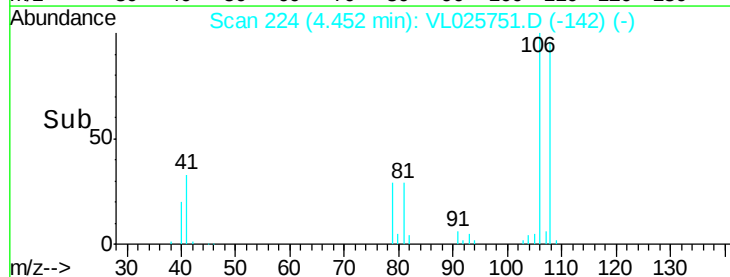
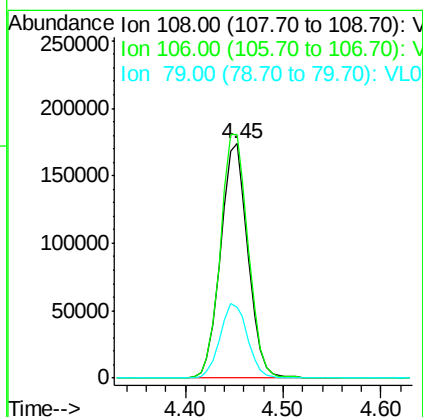
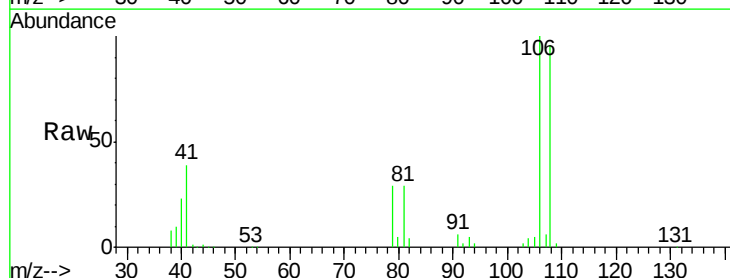
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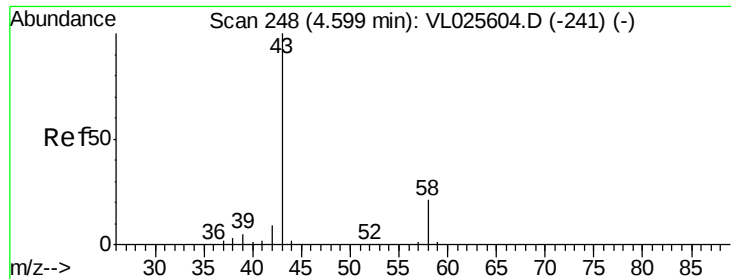
sam
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#14
Bromoethene
Concen: 8.19 ppbv
RT: 4.45 min Scan# 224
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion: 108 Resp: 337049
Ion Ratio Lower Upper
108 100
106 106.2 85.7 128.5
79 32.2 24.6 36.8





#15

Acetone

Concen: 11.59 ppbv

RT: 4.60 min Scan# 248

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Tgt Ion: 43 Resp: 1333186

Ion Ratio Lower Upper

43 100

58 23.0 17.2 25.8

Instrument :

MSVOA_L

ClientSampleId :

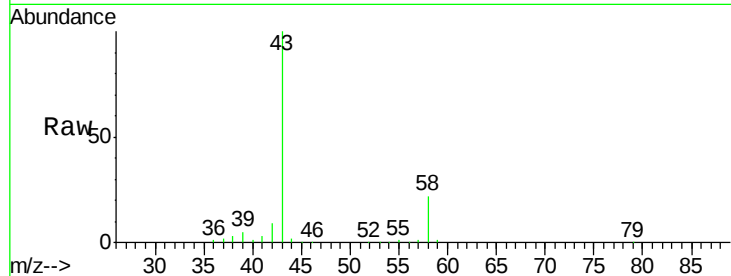
VL0727ABS01

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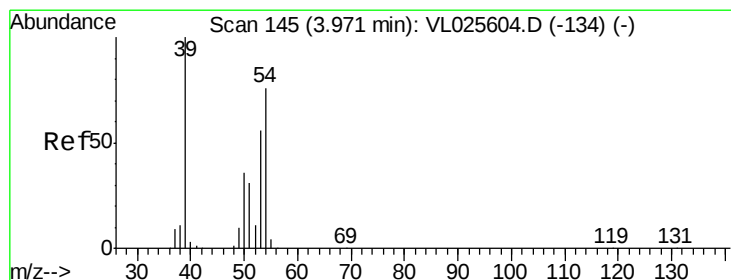
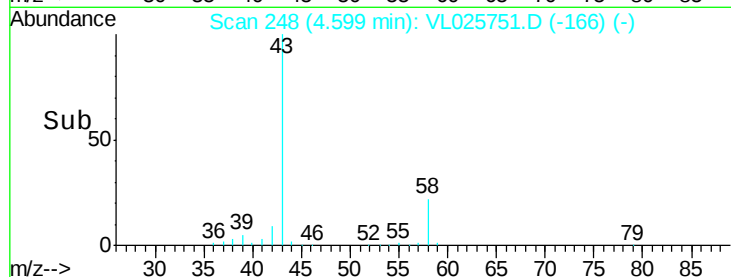
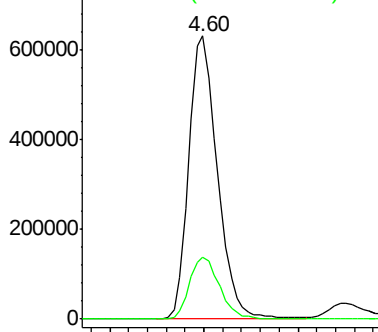
sam

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 8.04 ppbv

RT: 3.96 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL025751.D

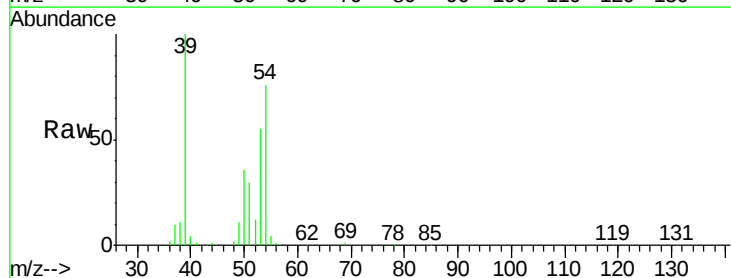
Acq: 27 Jul 2015 13:26

Tgt Ion: 39 Resp: 368177

Ion Ratio Lower Upper

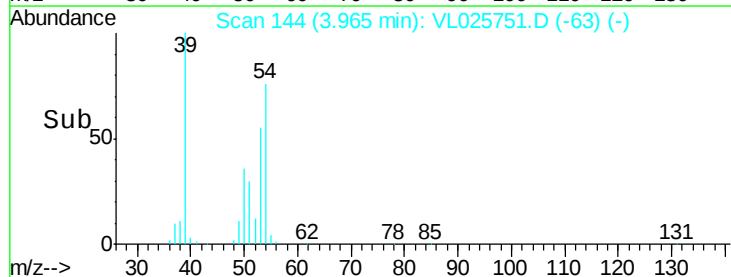
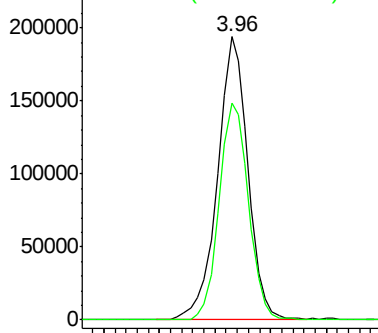
39 100

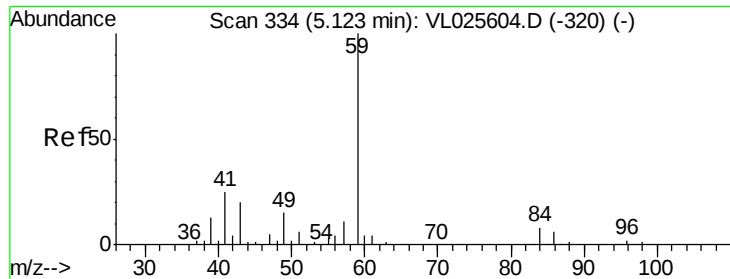
54 74.3 59.3 88.9



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





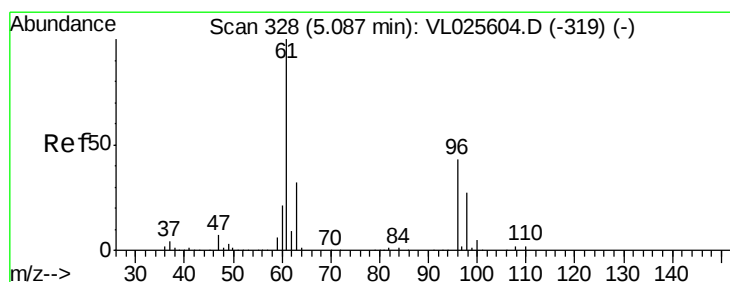
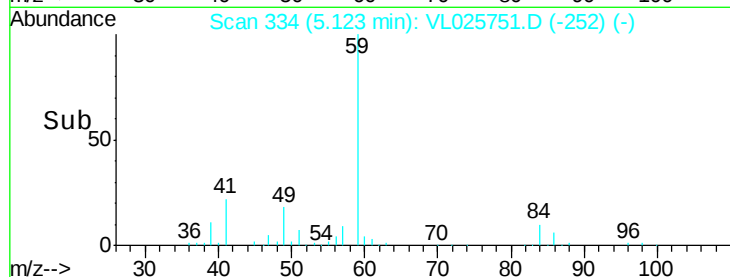
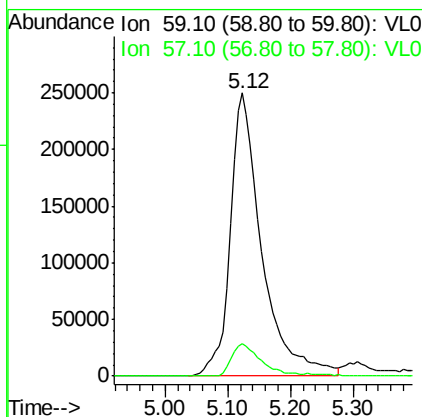
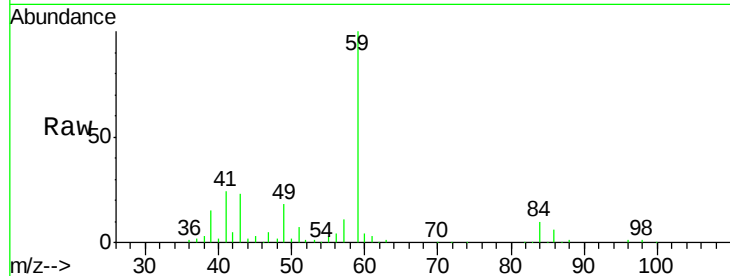
#17
 tert-Butyl alcohol
 Concen: 9.02 ppbv
 RT: 5.12 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion: 59 Resp: 871125
 Ion Ratio Lower Upper
 59 100
 57 11.7 9.4 14.2

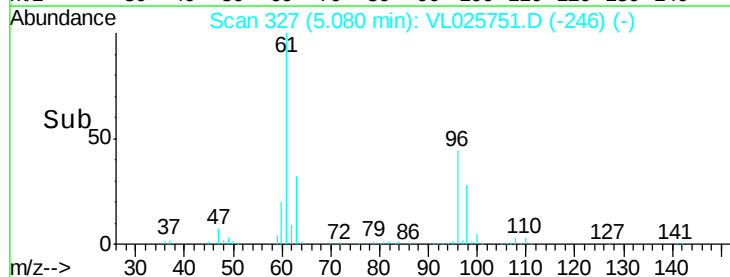
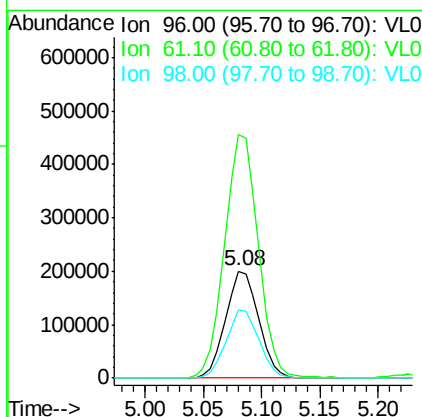
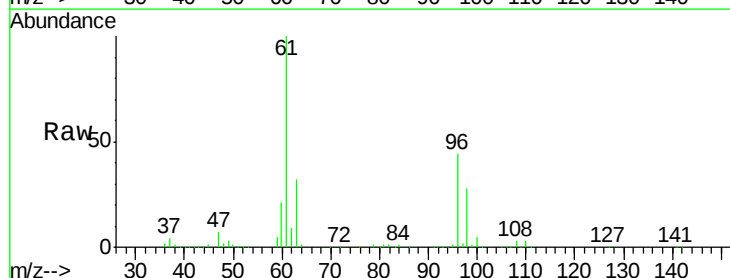
Manual Integrations
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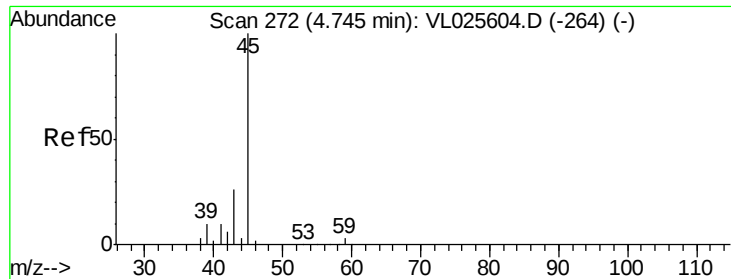
sam
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#18
 1,1-Dichloroethene
 Concen: 8.28 ppbv
 RT: 5.08 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion: 96 Resp: 398034
 Ion Ratio Lower Upper
 96 100
 61 227.4 184.1 276.1
 98 63.9 50.0 75.0





#19

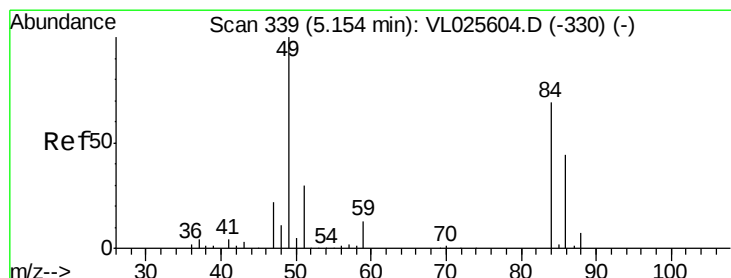
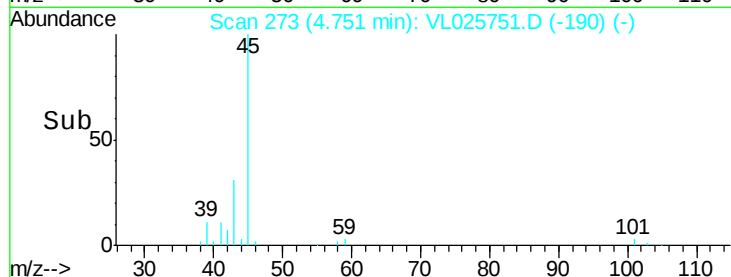
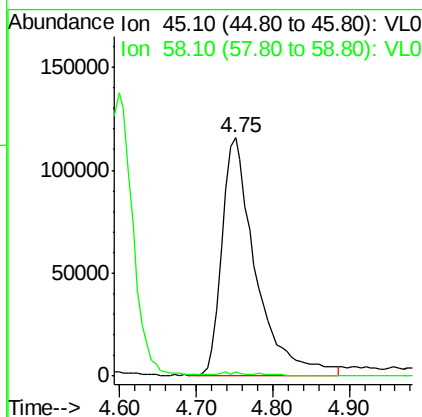
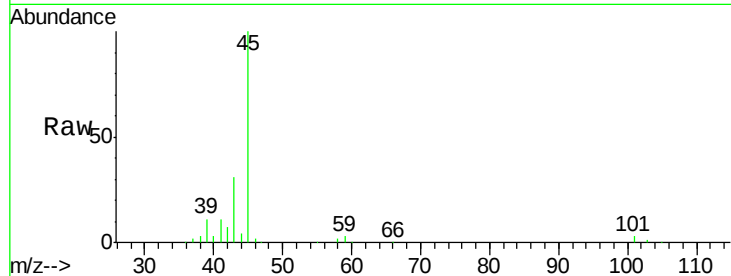
Isopropyl Alcohol
 Concen: 7.68 ppbv
 RT: 4.75 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
45	100		
58	86.9	1.1	1.7#

Manual Integrations
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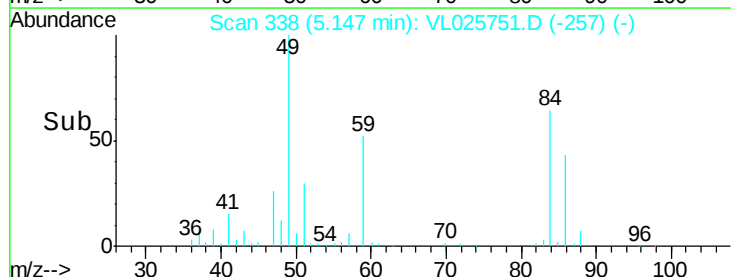
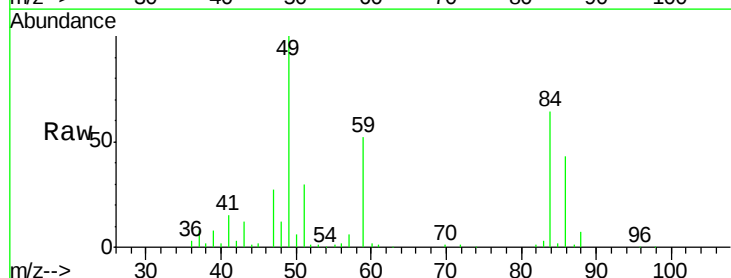
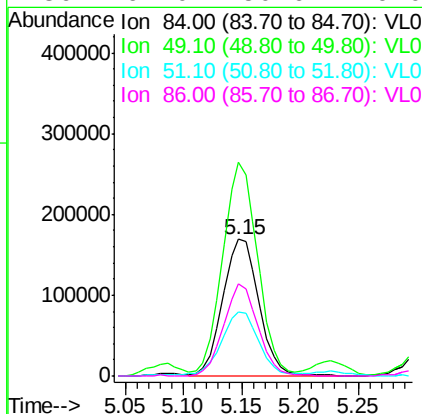
sam
 7/28/2015 11:59:19 AM

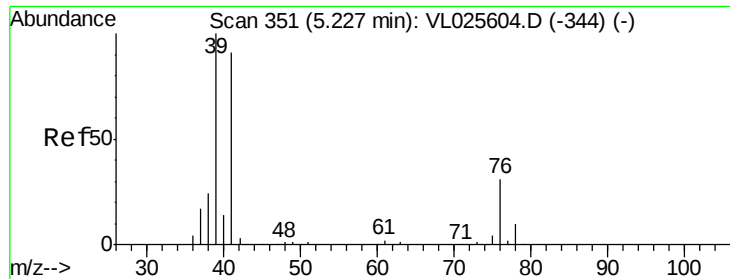


#20

Methylene Chloride
 Concen: 7.79 ppbv
 RT: 5.15 min Scan# 338
 Delta R.T. -0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.6	115.2	172.8
51	45.3	35.0	52.6
86	67.0	50.6	76.0





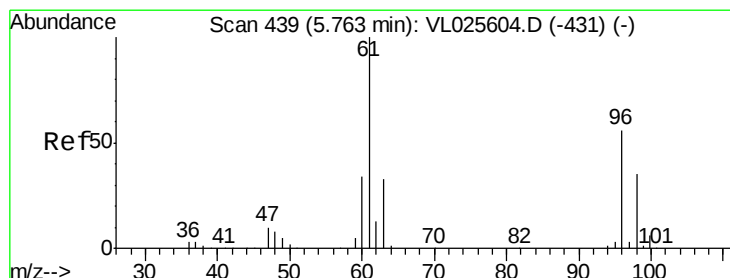
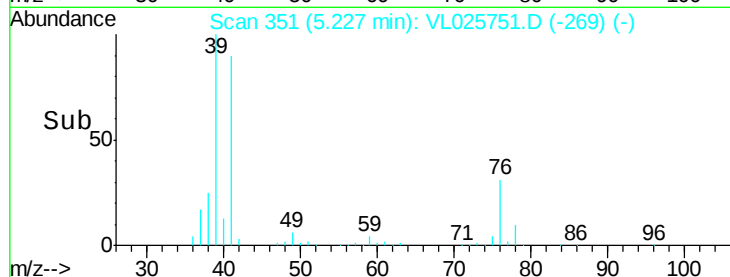
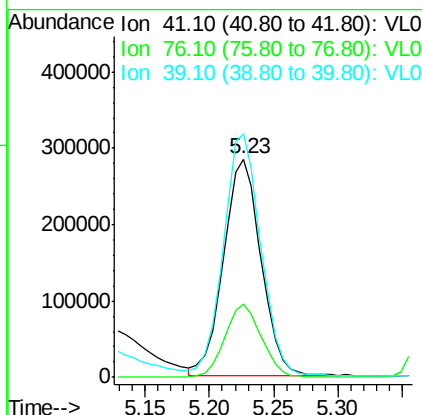
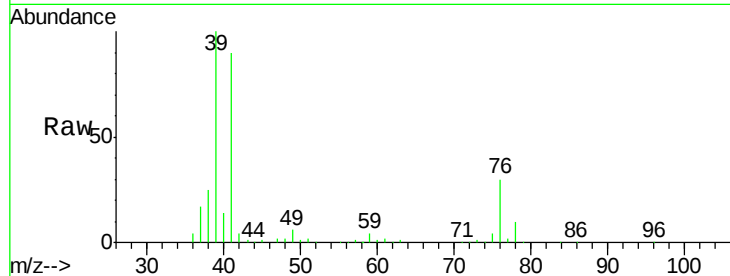
#21
 Allyl Chloride
 Concen: 8.04 ppbv
 RT: 5.23 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	579088		
76	32.7	26.6	40.0	
39	112.6	88.2	132.4	

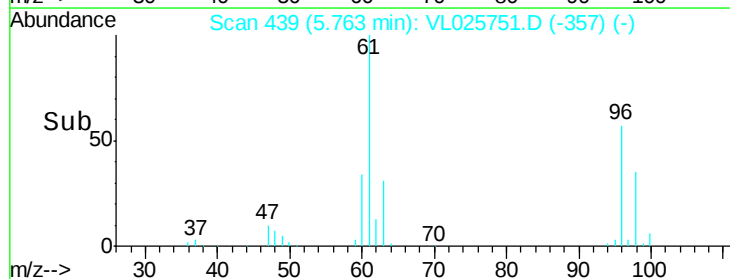
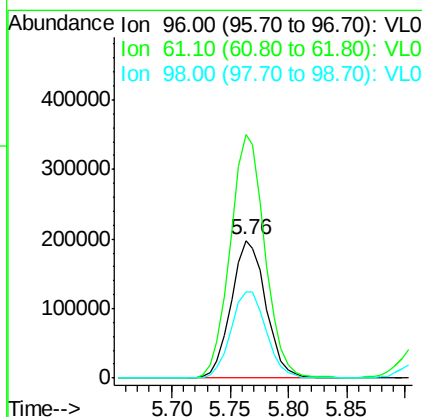
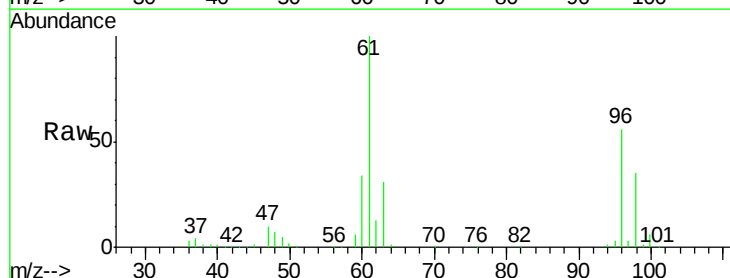
Manual Integrations
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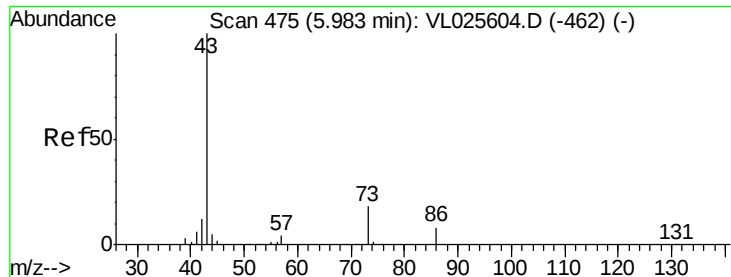
sam
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#22
 trans-1,2-Dichloroethene
 Concen: 8.35 ppbv
 RT: 5.76 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	409617		
61	177.0	141.8	212.6	
98	62.4	49.0	73.6	





#23

Vinyl Acetate

Concen: 9.53 ppbv

RT: 5.98 min Scan# 475

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 43 Resp: 1661747

Ion Ratio Lower Upper

43 100

86 8.2 6.7 10.1

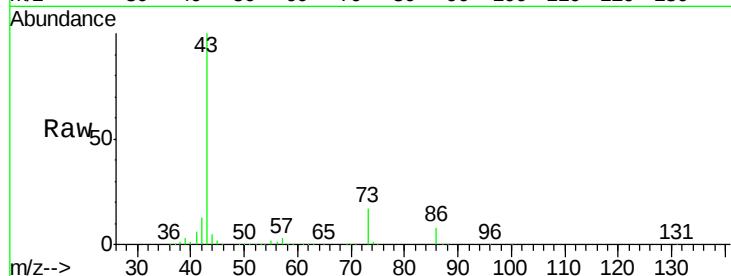
42 12.7 9.8 14.6

44 4.9 4.1 6.1

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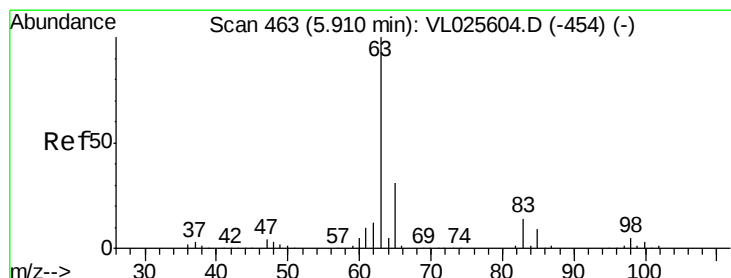
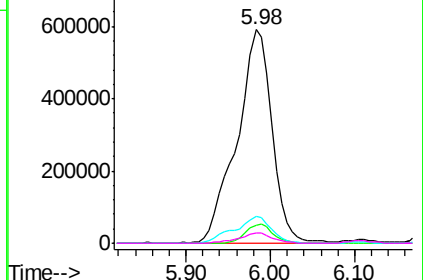
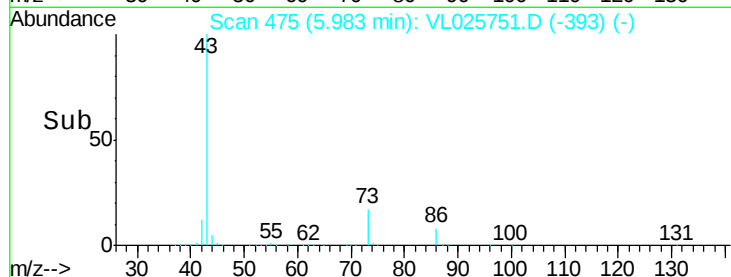


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.21 ppbv

RT: 5.92 min Scan# 464

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

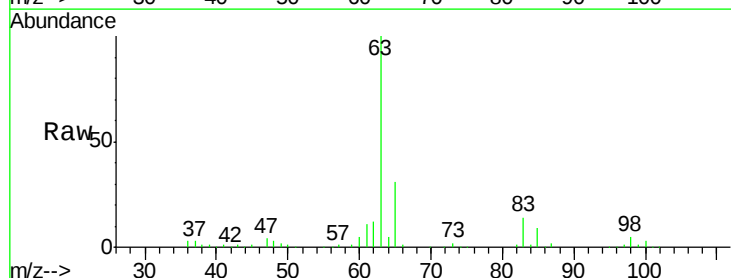
Tgt Ion: 63 Resp: 959430

Ion Ratio Lower Upper

63 100

98 5.0 2.6 8.0

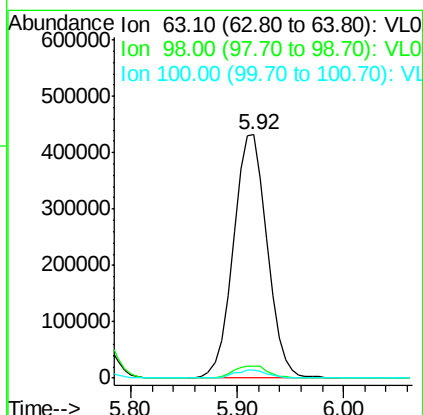
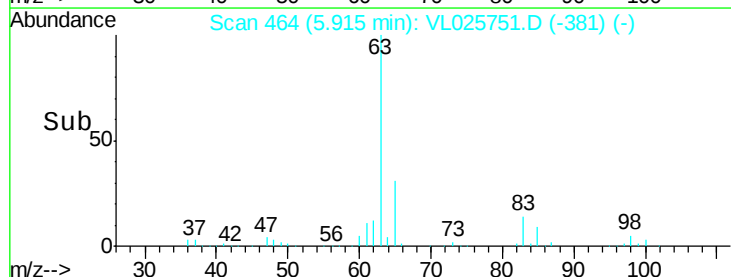
100 3.2 1.6 4.7

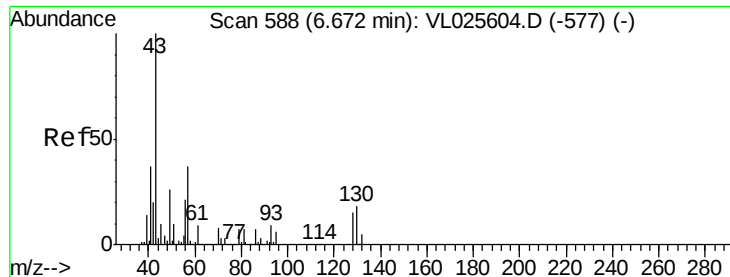


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 8.37 ppbv

RT: 6.67 min Scan# 588

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 43 Resp: 1458338

Ion Ratio Lower Upper

43 100

45 9.2 7.5 11.3

61 8.2 6.6 10.0

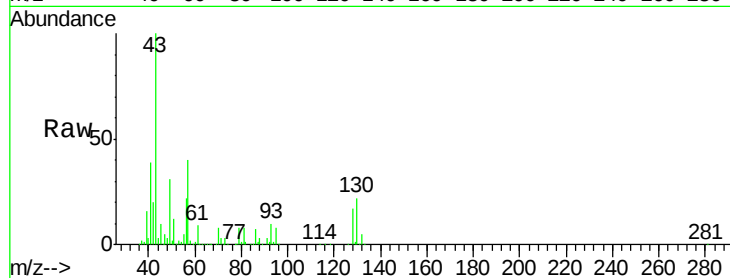
70 7.4 6.0 9.0

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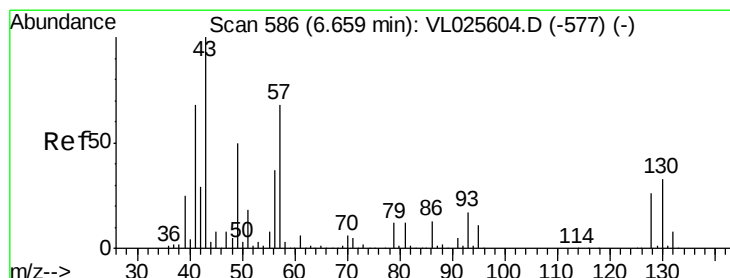
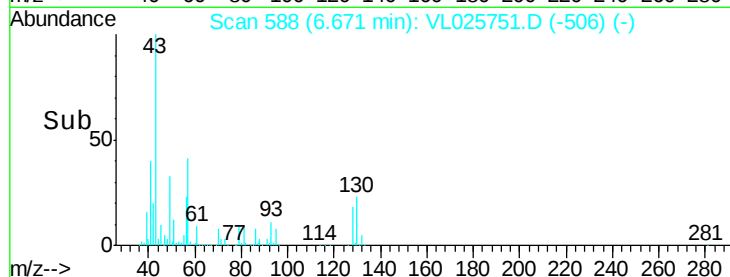
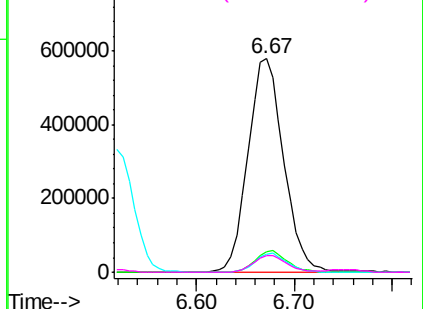


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.37 ppbv

RT: 6.66 min Scan# 586

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Tgt Ion: 57 Resp: 685852

Ion Ratio Lower Upper

57 100

41 104.7 81.4 122.2

43 215.2 171.4 257.2

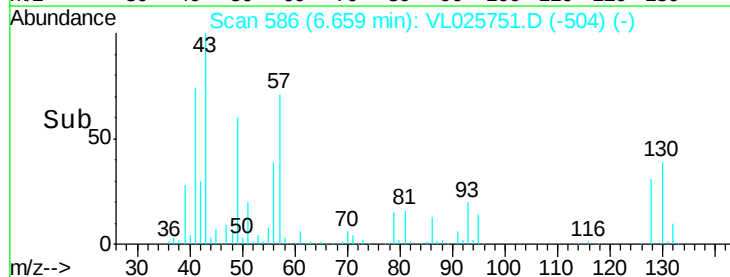
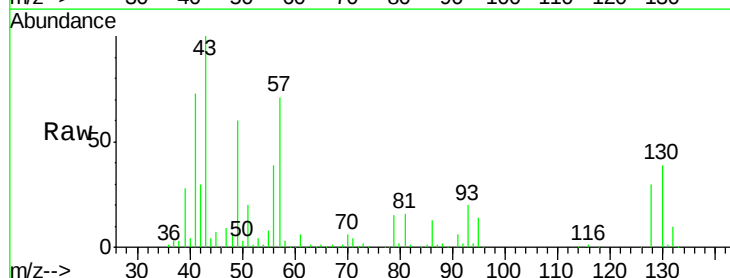
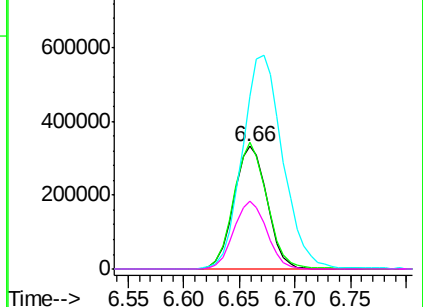
56 55.2 44.5 66.7

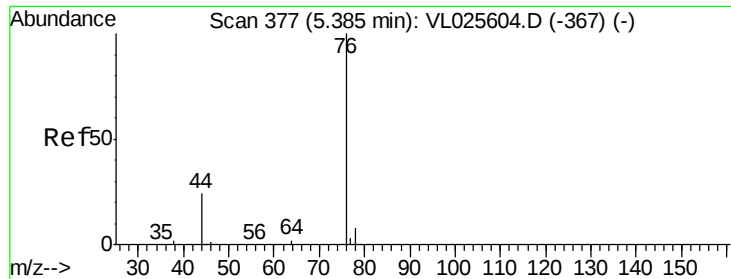
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





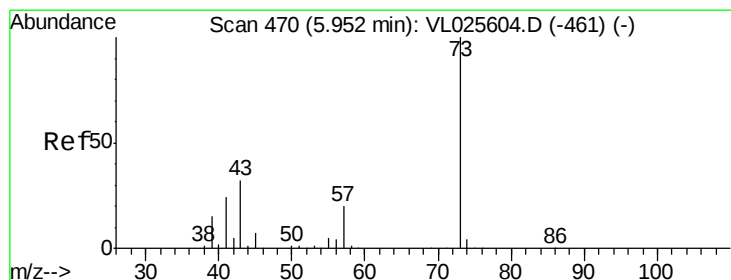
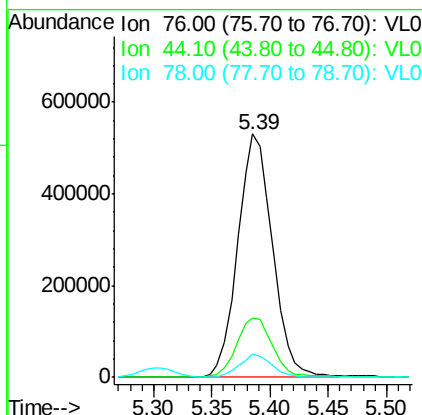
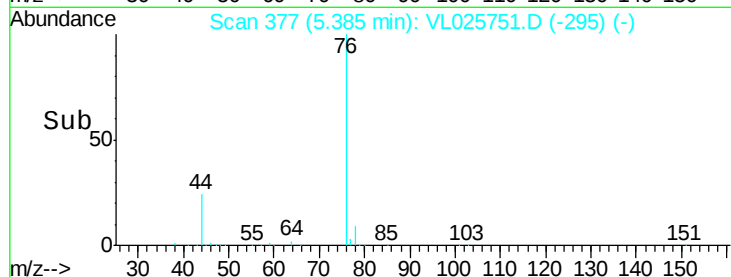
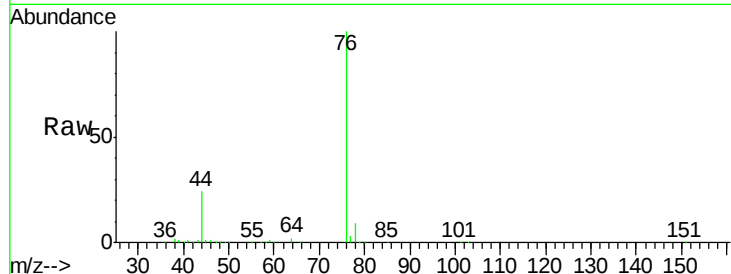
#27
Carbon Disulfide
Concen: 8.33 ppbv
RT: 5.39 min Scan# 377
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion: 76 Resp: 1105539
Ion Ratio Lower Upper
76 100
44 25.1 20.2 30.4
78 9.1 7.4 11.2

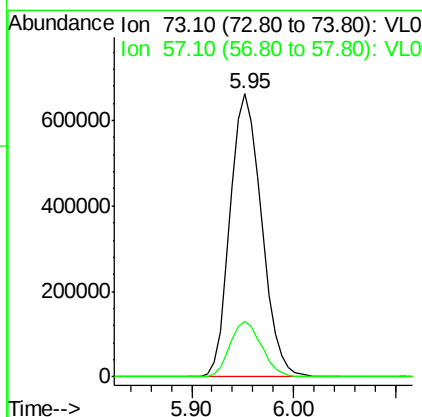
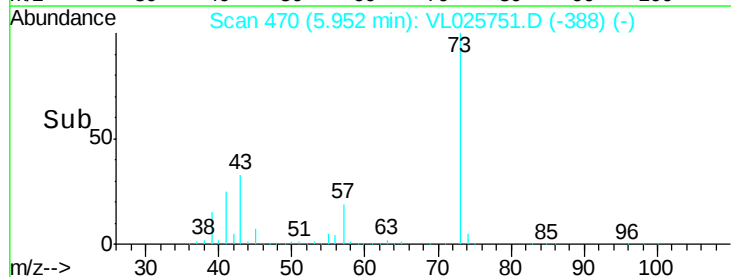
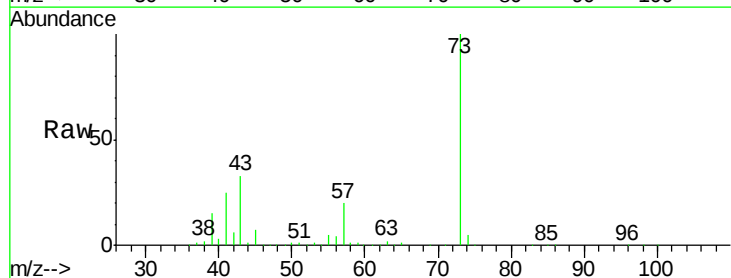
Manual Integrations
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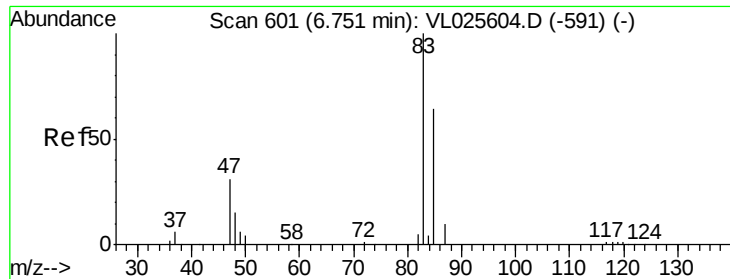
sam
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#28
Methyl tert-Butyl Ether
Concen: 8.70 ppbv
RT: 5.95 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion: 73 Resp: 1418366
Ion Ratio Lower Upper
73 100
57 20.0 16.0 24.0





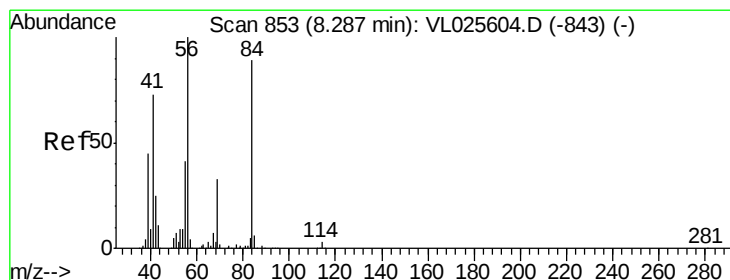
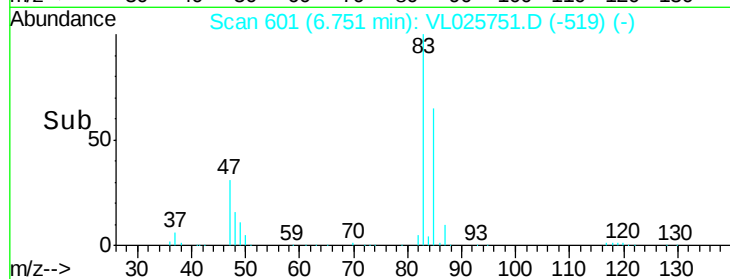
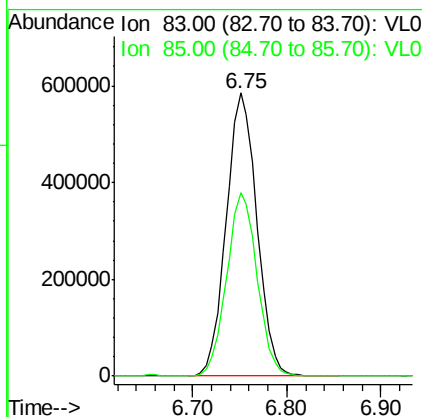
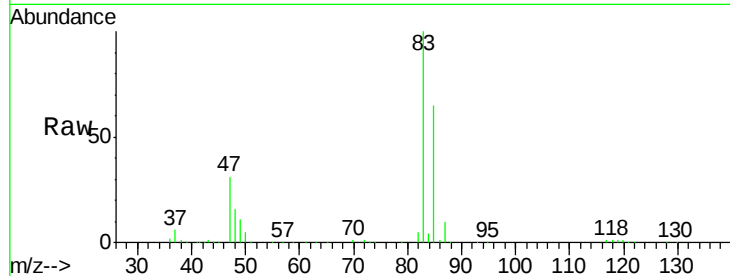
#29
Chloroform
Concen: 8.17 ppbv
RT: 6.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion: 83 Resp: 1322550
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4

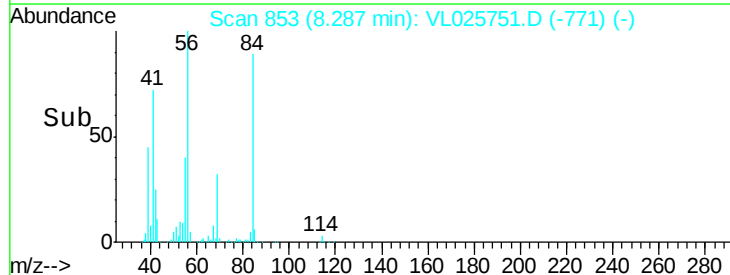
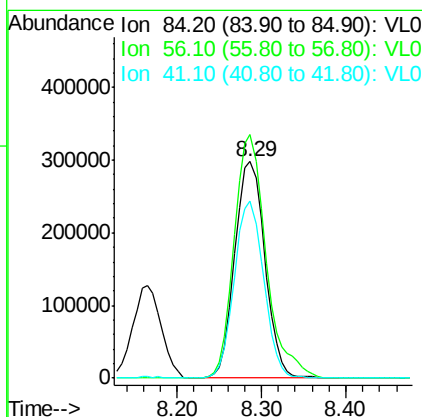
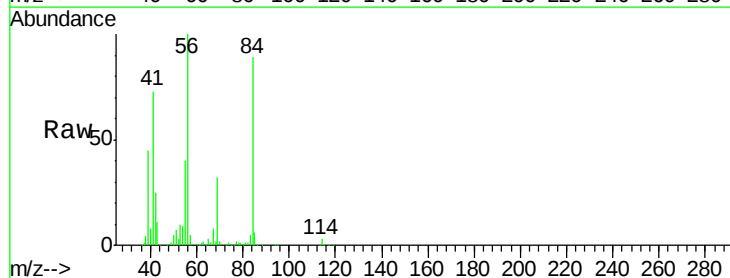
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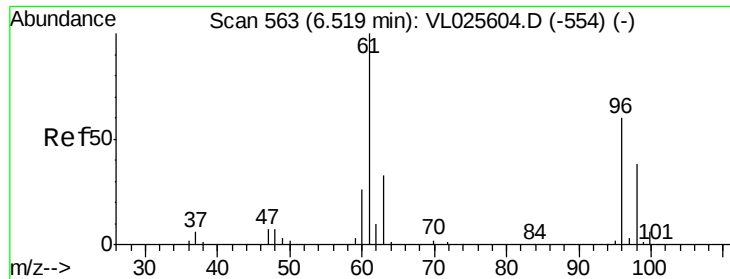
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#30
Cyclohexane
Concen: 9.21 ppbv
RT: 8.29 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion: 84 Resp: 721890
Ion Ratio Lower Upper
84 100
56 119.6 97.5 146.3
41 80.0 65.4 98.2





#31

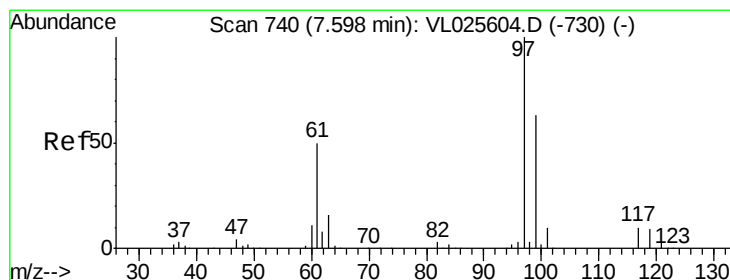
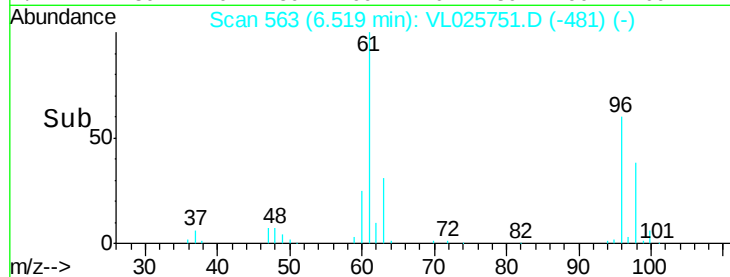
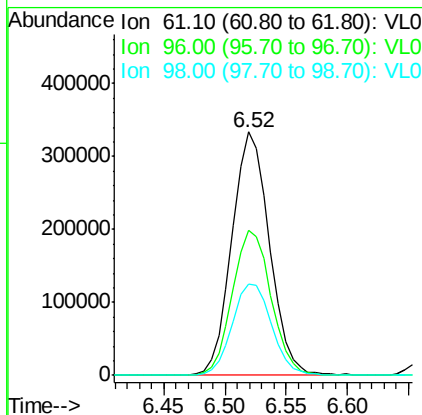
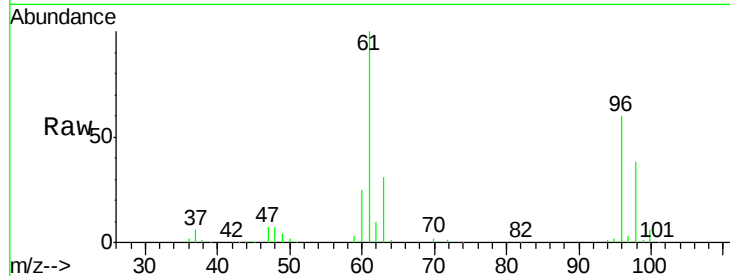
cis-1,2-Dichloroethene
Concen: 8.75 ppbv
RT: 6.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
61	100		
96	59.7	48.1	72.1
98	37.6	30.7	46.1

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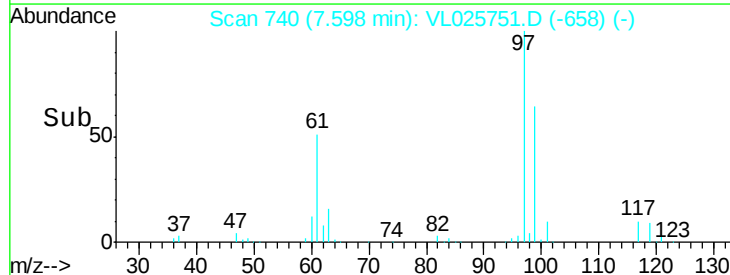
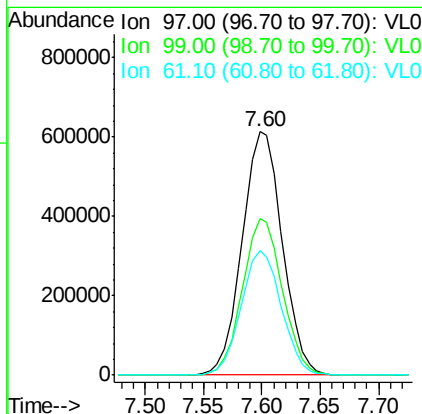
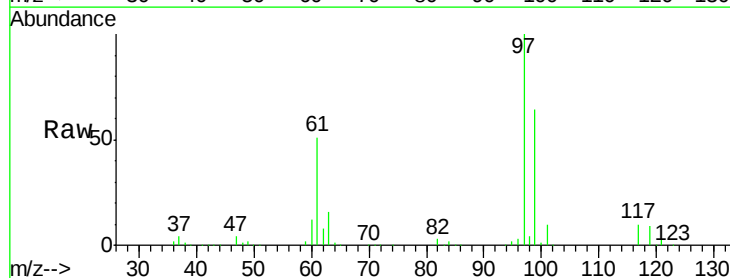
sam
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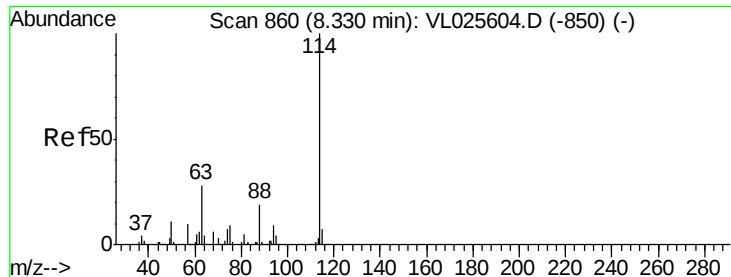


#32

1,1,1-Trichloroethane
Concen: 8.37 ppbv
RT: 7.60 min Scan# 740
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	51.1	40.4	60.6





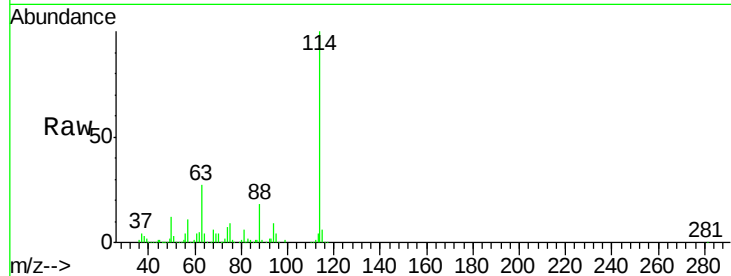
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

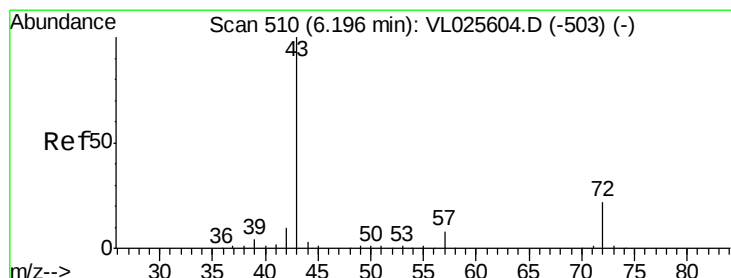
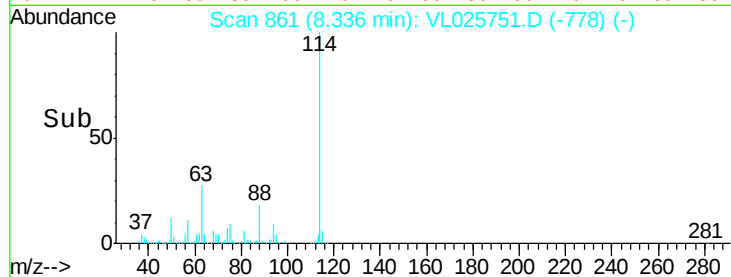
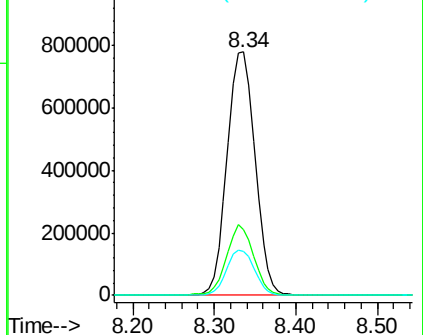
Tgt Ion: 114 Resp: 1852308
 Ion Ratio Lower Upper
 114 100
 63 28.1 22.4 33.6
 88 18.6 15.0 22.4

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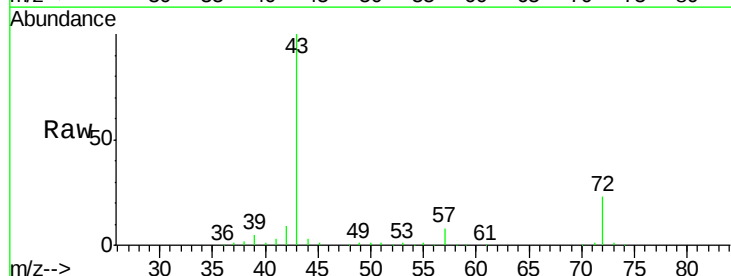


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

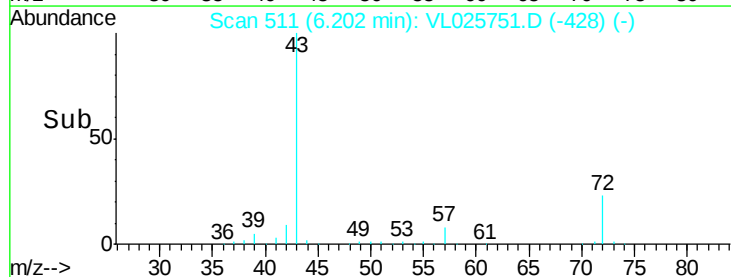
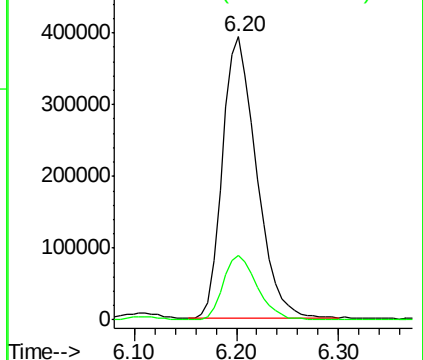


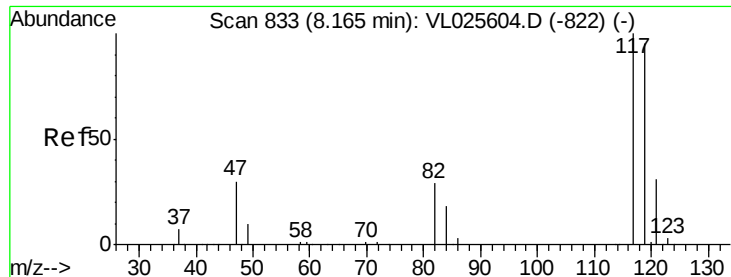
#34
 2-Butanone
 Concen: 8.63 ppbv
 RT: 6.20 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion: 43 Resp: 907468
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 8.03 ppbv

RT: 8.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion:117 Resp: 1585549

Ion Ratio Lower Upper

117 100

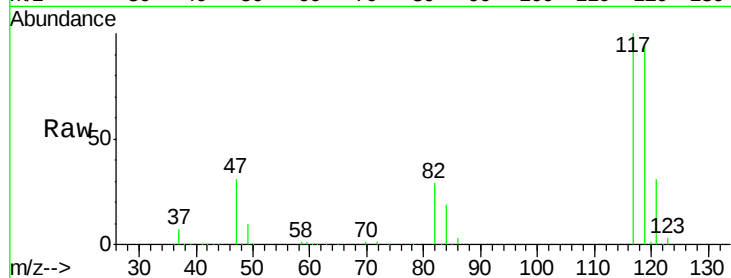
119 94.5 75.9 113.9

121 30.5 24.4 36.6

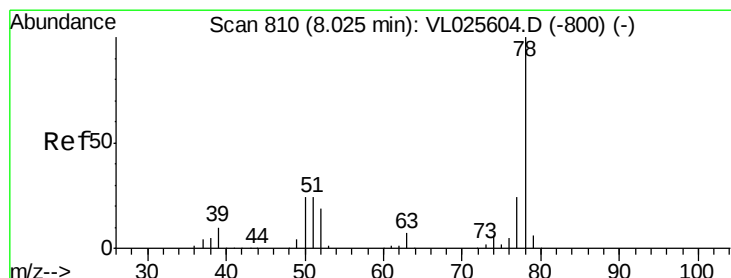
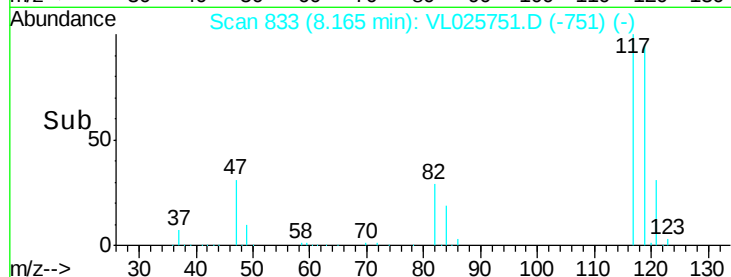
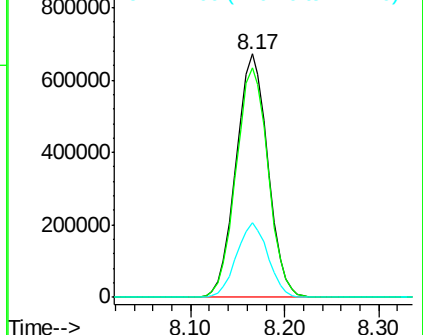
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 8.56 ppbv

RT: 8.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

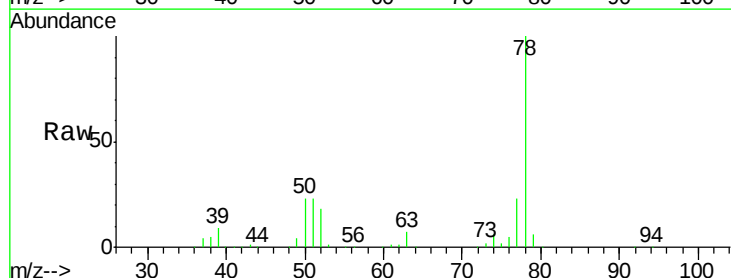
Tgt Ion: 78 Resp: 1517846

Ion Ratio Lower Upper

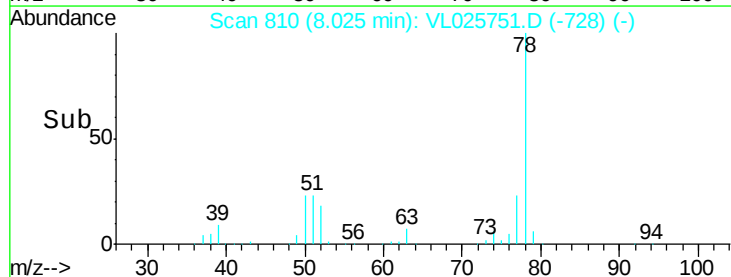
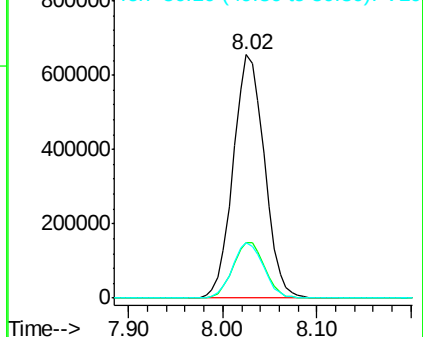
78 100

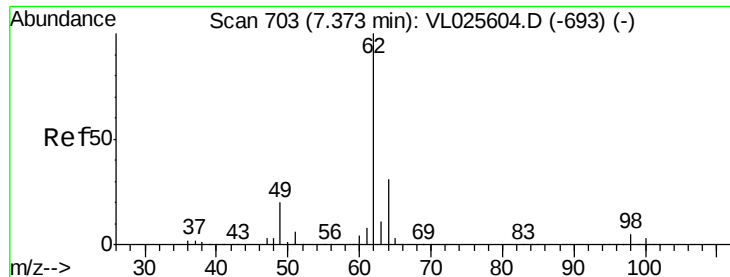
77 23.0 19.0 28.4

50 22.8 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





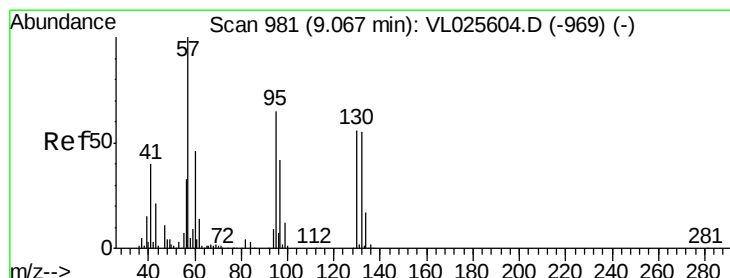
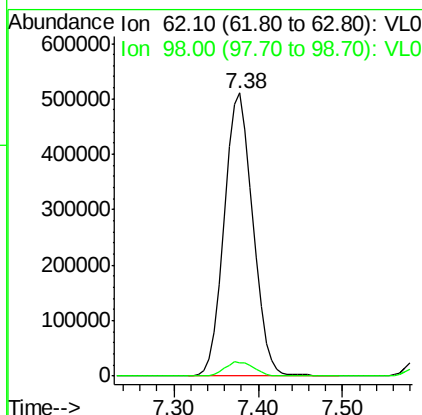
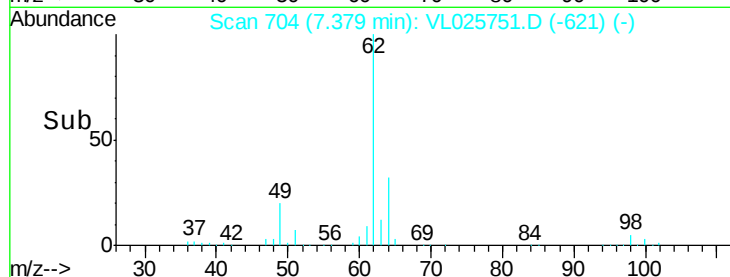
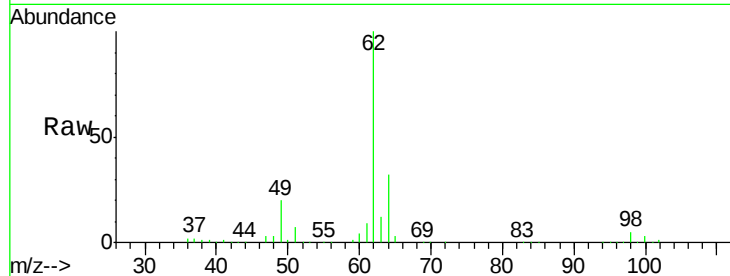
#37
 1,2-Dichloroethane
 Concen: 7.83 ppbv
 RT: 7.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion: 62 Resp: 1185965
 Ion Ratio Lower Upper
 62 100
 98 5.2 4.1 6.1

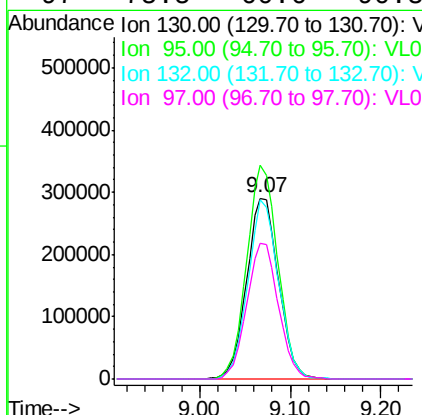
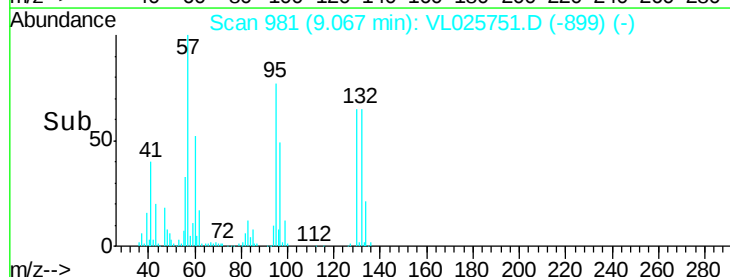
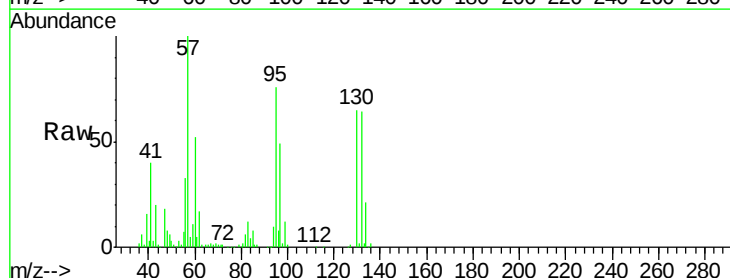
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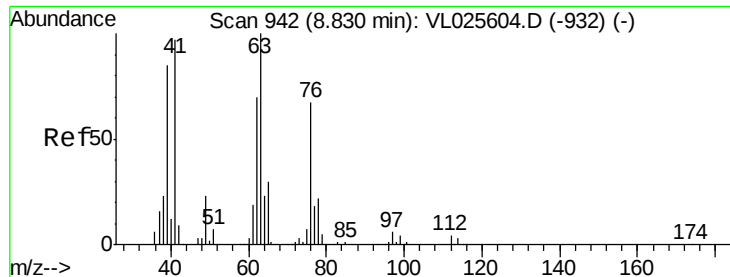
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#38
 Trichloroethene
 Concen: 8.57 ppbv
 RT: 9.07 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion: 130 Resp: 706704
 Ion Ratio Lower Upper
 130 100
 95 118.2 94.2 141.4
 132 99.5 78.6 118.0
 97 75.5 60.6 90.8





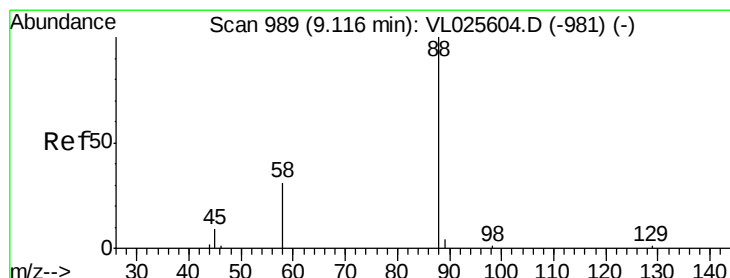
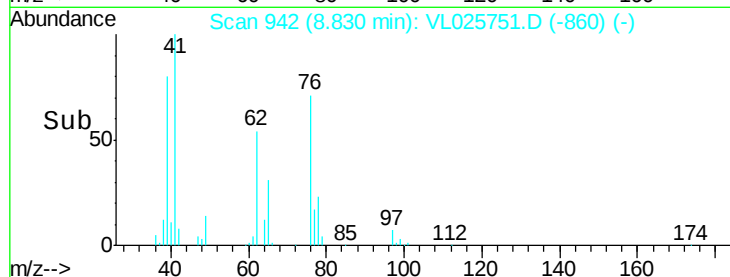
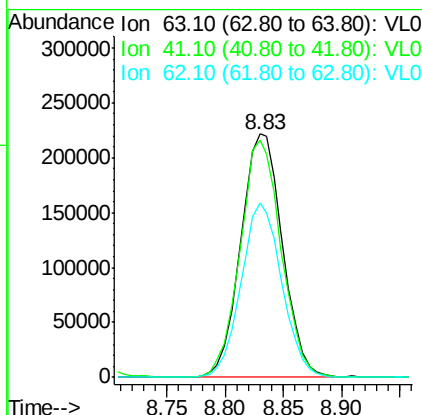
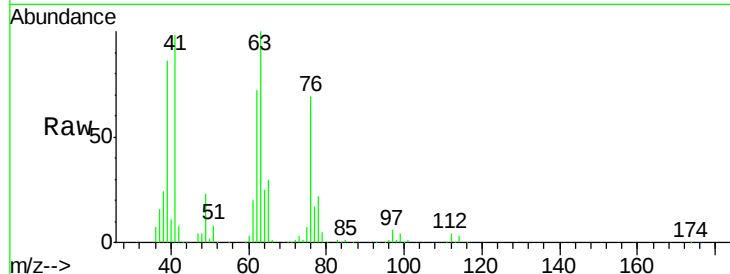
#39
 1,2-Dichloropropane
 Concen: 8.42 ppbv
 RT: 8.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
63	100		
41	97.5	78.0	117.0
62	71.8	55.7	83.5

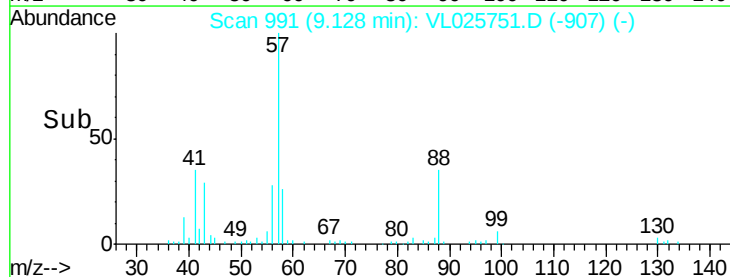
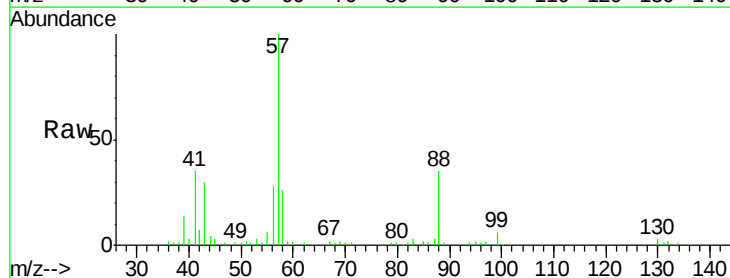
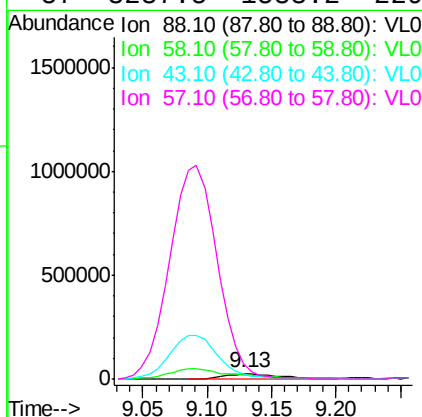
Manual Integrations
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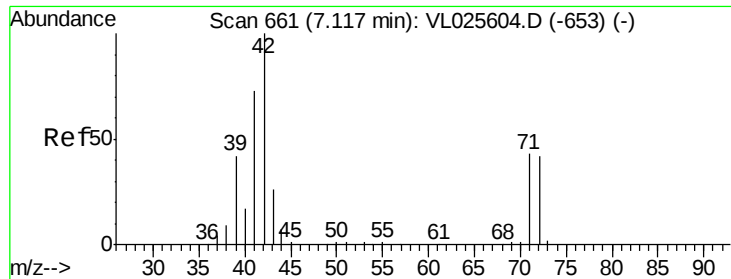
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#40
 1,4-Dioxane
 Concen: 7.97 ppbv
 RT: 9.13 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	220.8	127.1	190.7#
43	698.1	337.7	506.5#
57	3237.5	1533.2	2299.8#





#41

Tetrahydrofuran

Concen: 8.59 ppbv

RT: 7.12 min Scan# 662

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

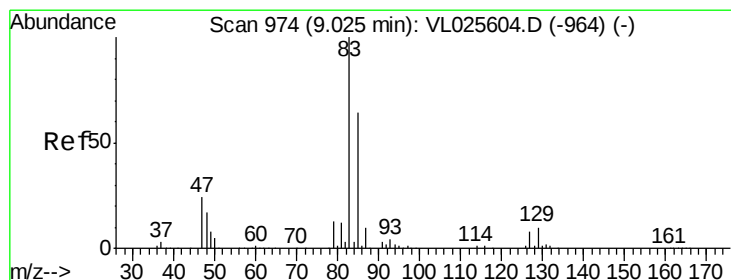
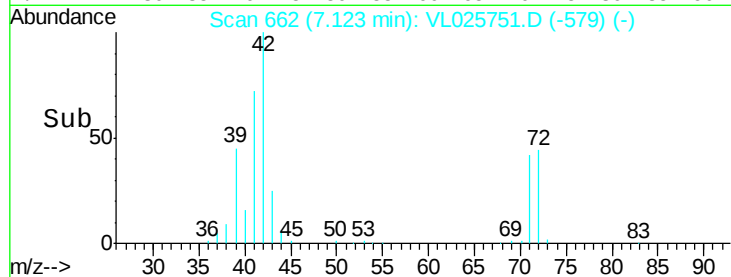
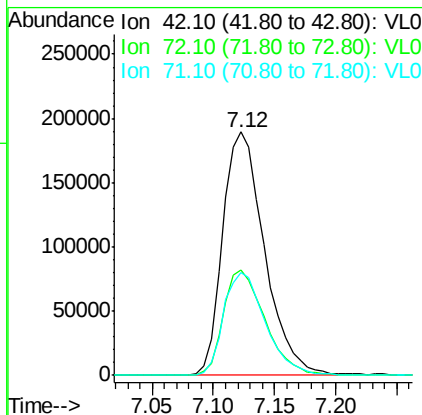
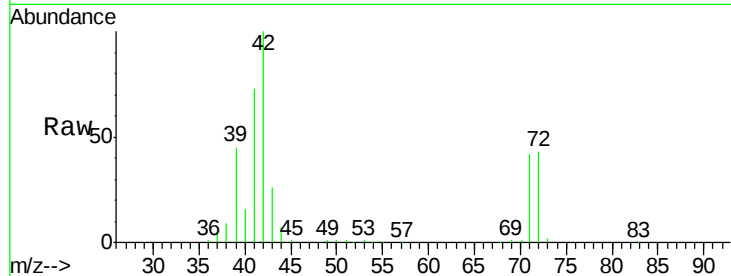
ClientSampleId :

VL0727ABS01

Tgt Ion:	42	Resp:	450642
Ion Ratio		Lower	Upper
42	100		
72	43.3	34.0	51.0
71	42.4	33.0	49.6

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#42

Bromodichloromethane

Concen: 8.51 ppbv

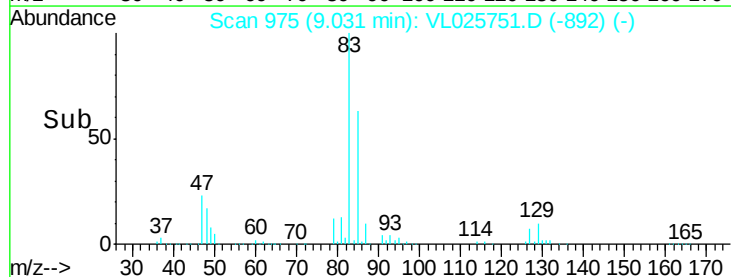
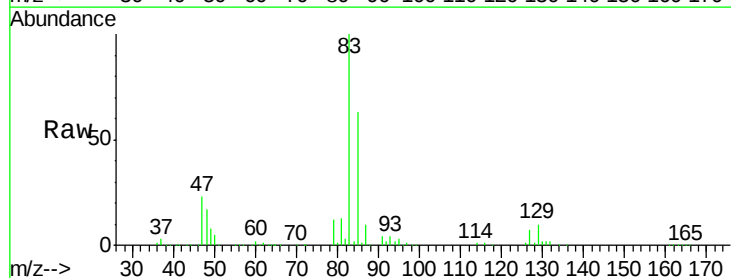
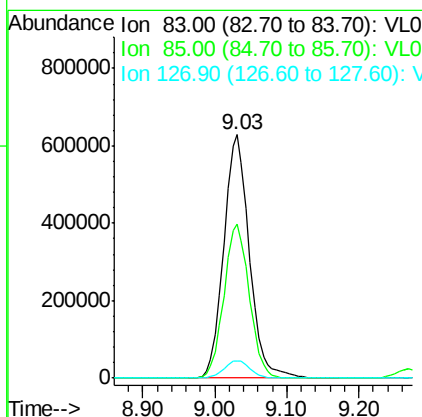
RT: 9.03 min Scan# 975

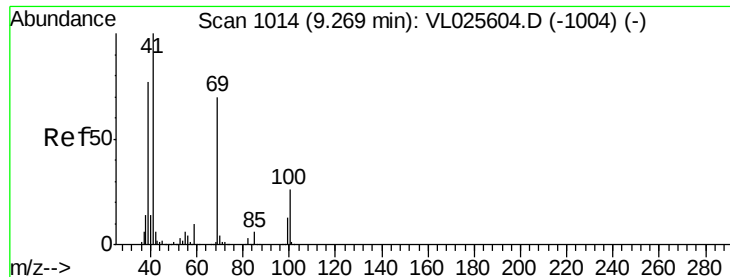
Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Tgt Ion:	83	Resp:	1555384
Ion Ratio		Lower	Upper
83	100		
85	63.4	51.3	76.9
127	7.2	6.0	9.0





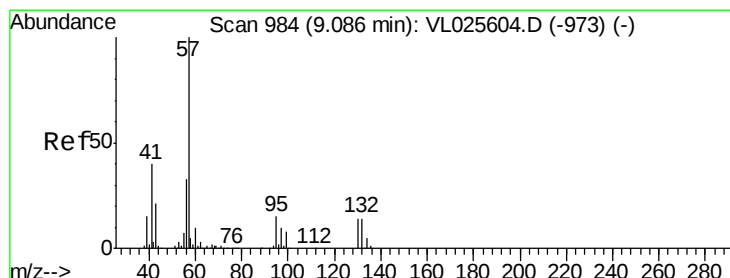
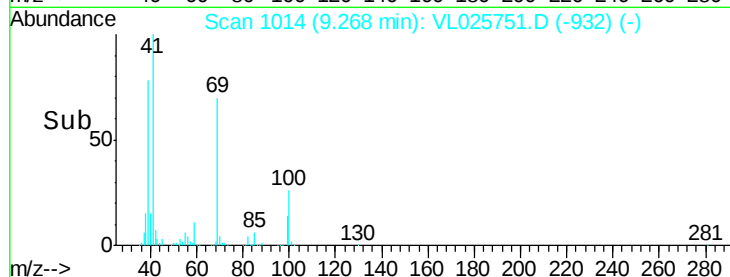
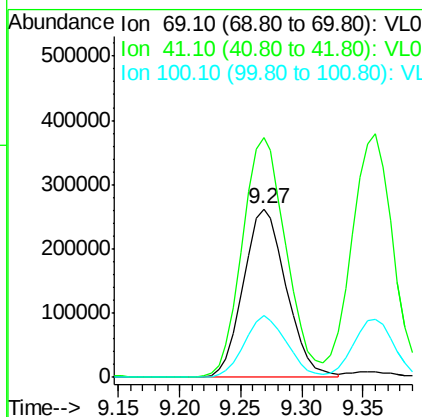
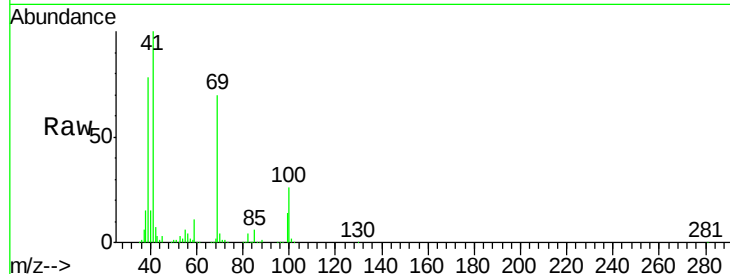
#43
Methyl Methacrylate
Concen: 9.40 ppbv
RT: 9.27 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	146.4	117.3	175.9
100	36.4	29.0	43.6

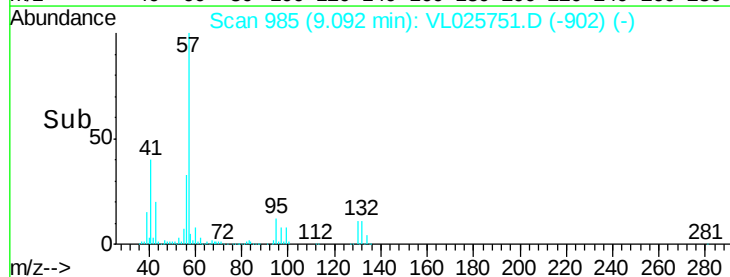
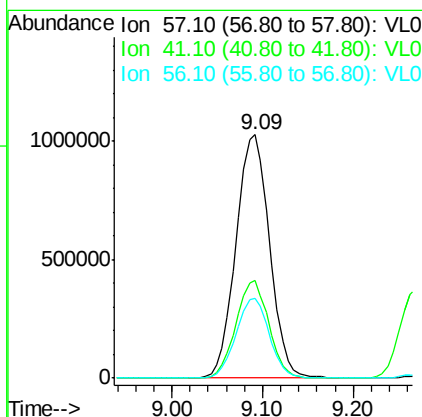
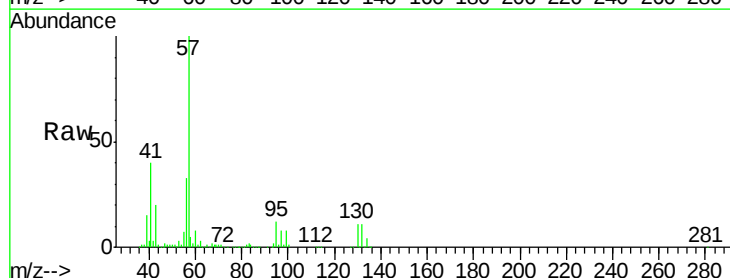
Manual Integrations
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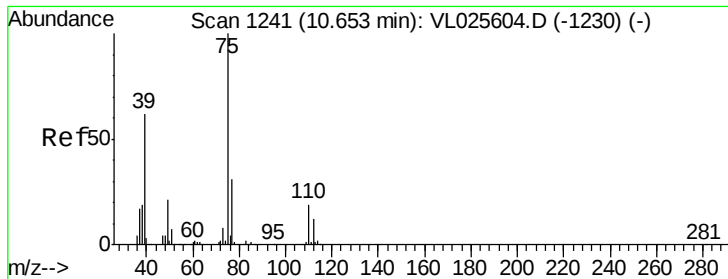
sam
7/28/2015 11:59:19 AM



#44
2,2,4-Trimethylpentane
Concen: 8.69 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Lower	Upper
57	100		
41	39.0	31.2	46.8
56	32.4	25.4	38.2





#45

t-1,3-Dichloropropene

Concen: 8.99 ppbv

RT: 10.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 75 Resp: 1029793

Ion Ratio Lower Upper

75 100

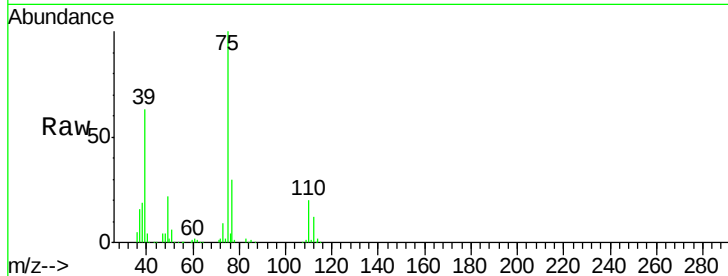
77 30.4 24.6 37.0

Manual Integrations

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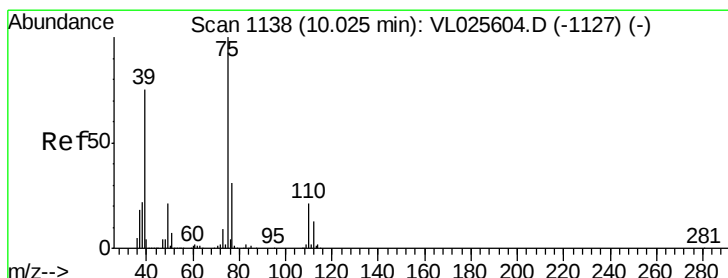
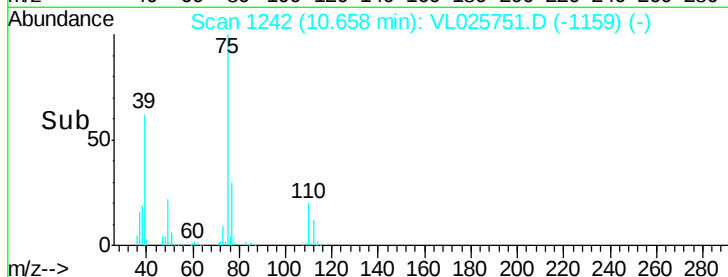
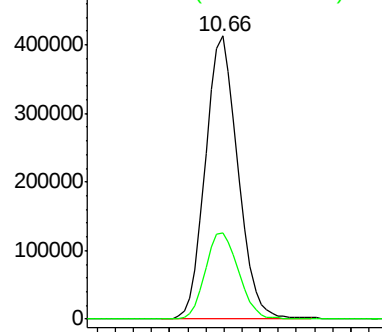
sam

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Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 9.09 ppbv

RT: 10.02 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

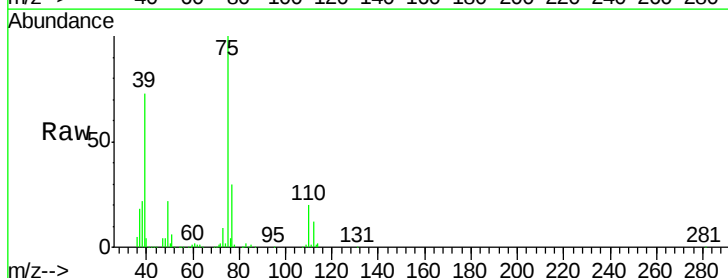
Tgt Ion: 75 Resp: 1150162

Ion Ratio Lower Upper

75 100

39 72.9 60.4 90.6

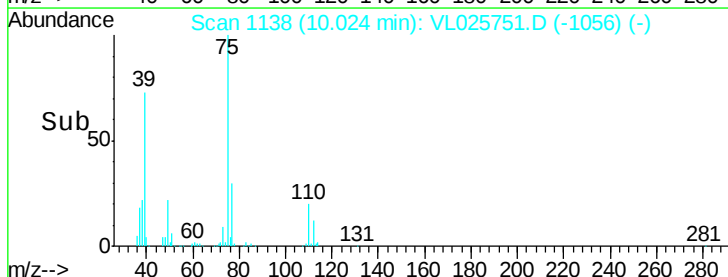
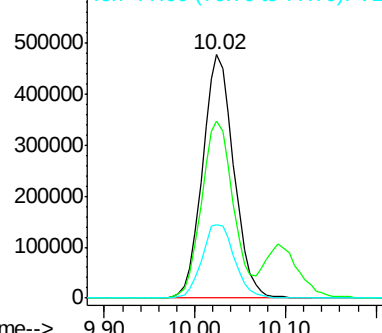
77 30.0 24.6 37.0

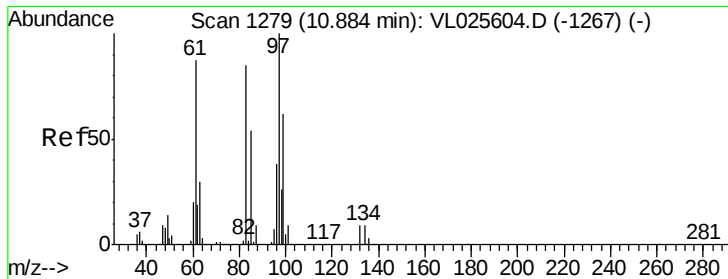


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0





#47

1,1,2-Trichloroethane

Concen: 8.38 ppbv

RT: 10.88 min Scan# 1279

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 97 Resp: 764188
Ion Ratio Lower Upper

97 100

83 83.7 67.8 101.8

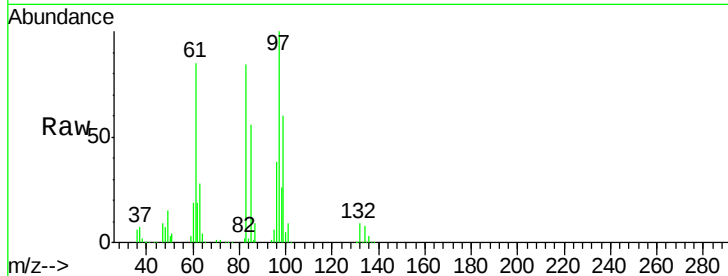
85 55.9 43.5 65.3

99 59.7 49.8 74.8

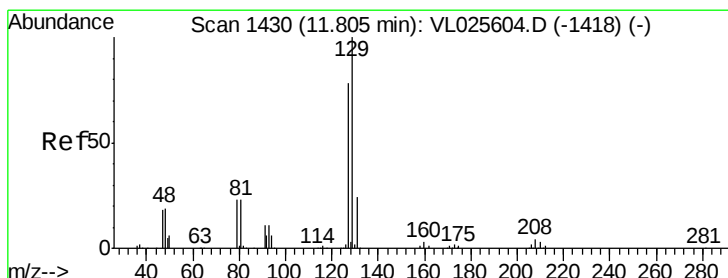
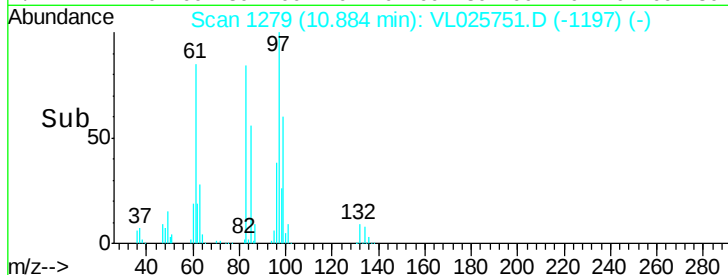
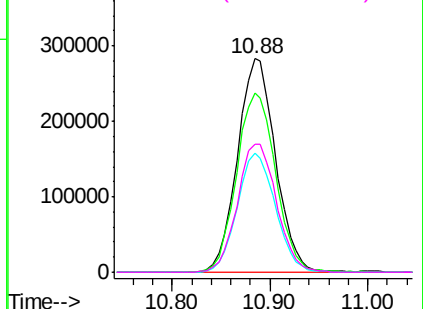
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Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 8.61 ppbv

RT: 11.80 min Scan# 1430

Delta R.T. -0.00 min

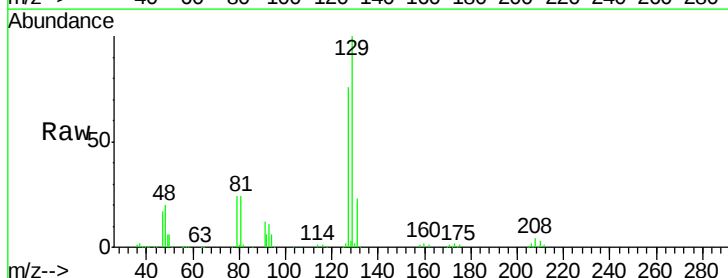
Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

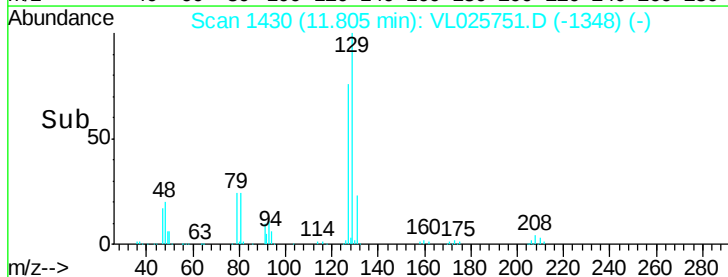
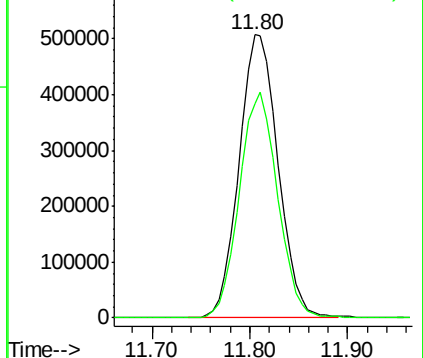
Tgt Ion: 129 Resp: 1404908
Ion Ratio Lower Upper

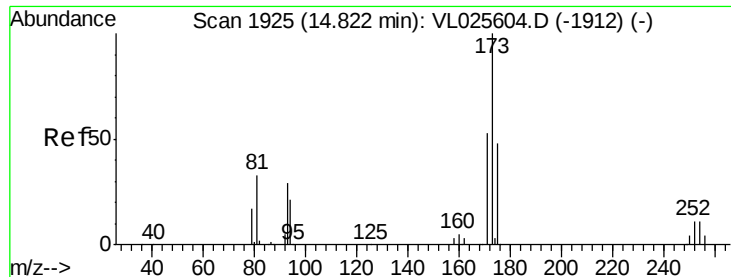
129 100

127 78.6 39.0 116.9



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 8.49 ppbv

RT: 14.82 min Scan# 1925

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion:173 Resp: 1141768

Ion Ratio Lower Upper

173 100

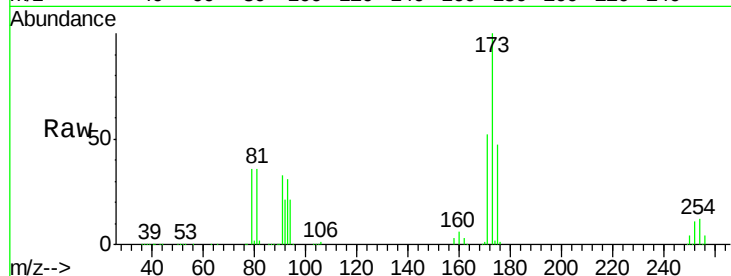
175 48.7 39.5 59.3

171 51.8 42.2 63.2

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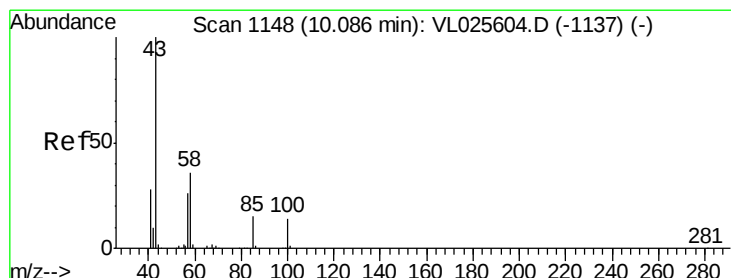
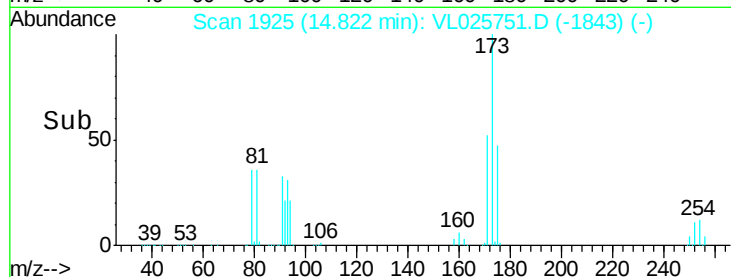
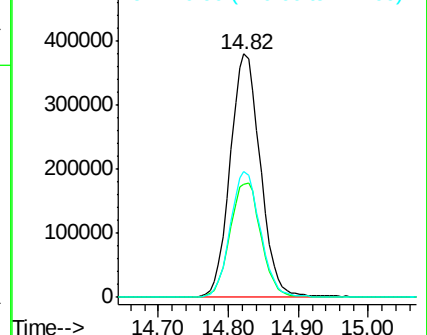
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.14 ppbv

RT: 10.09 min Scan# 1149

Delta R.T. 0.01 min

Lab File: VL025751.D

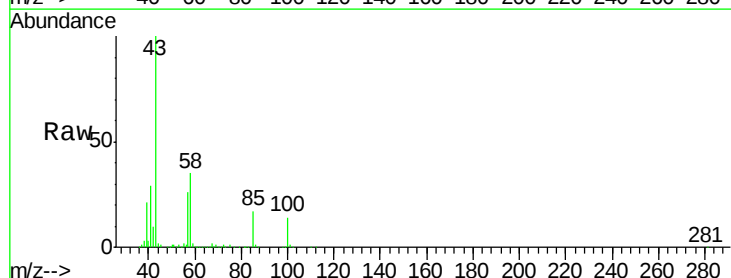
Acq: 27 Jul 2015 13:26

Tgt Ion: 43 Resp: 1384137

Ion Ratio Lower Upper

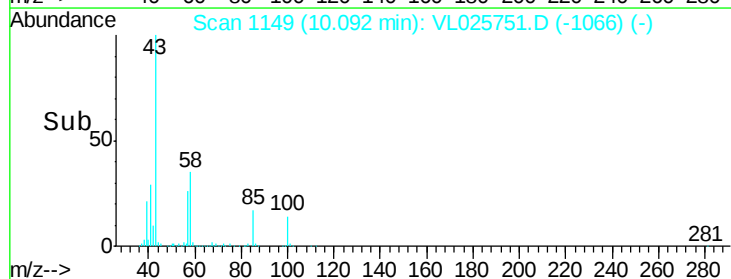
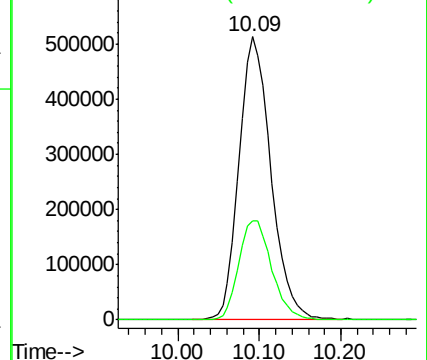
43 100

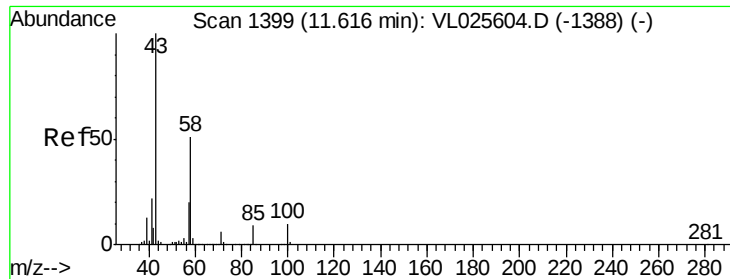
58 36.7 28.5 42.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





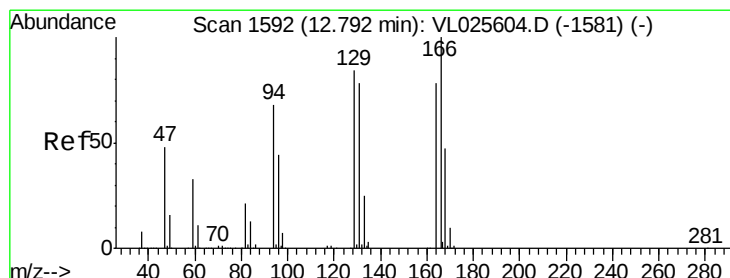
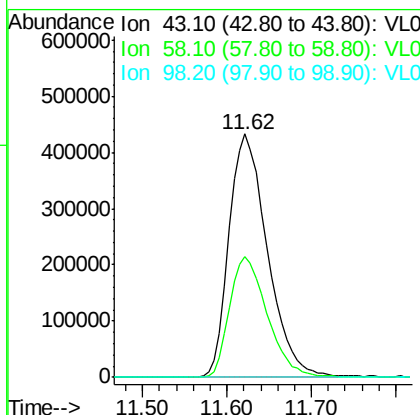
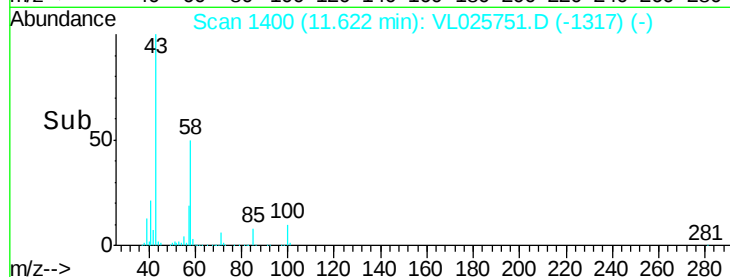
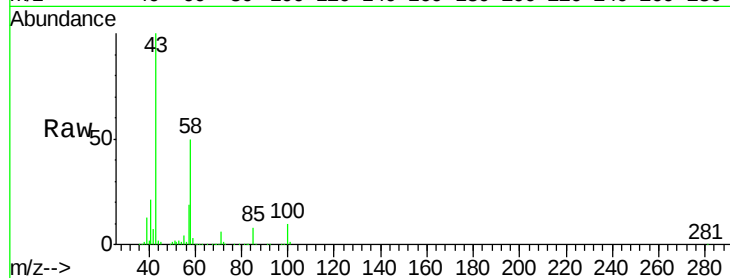
#51
2-Hexanone
Concen: 9.88 ppbv
RT: 11.62 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion: 43 Resp: 1342093
Ion Ratio Lower Upper
43 100
58 48.9 39.0 58.6
98 0.3 0.2 0.4

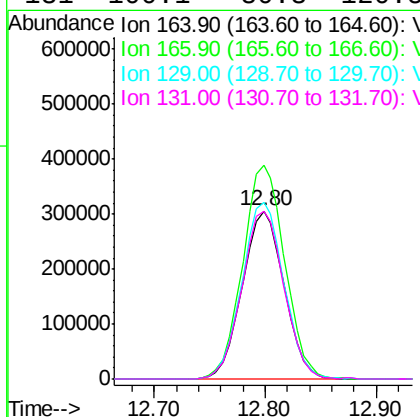
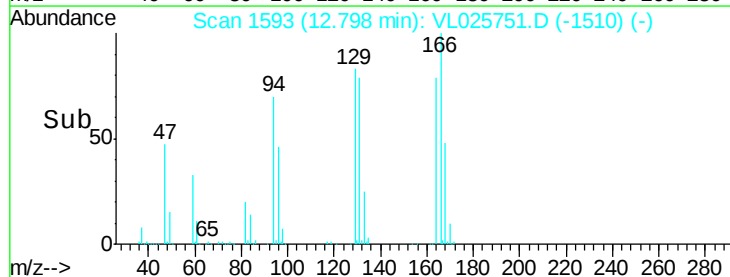
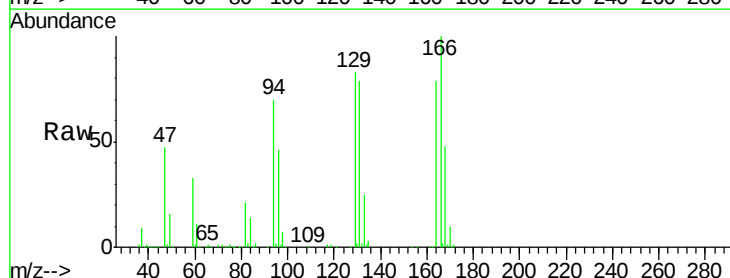
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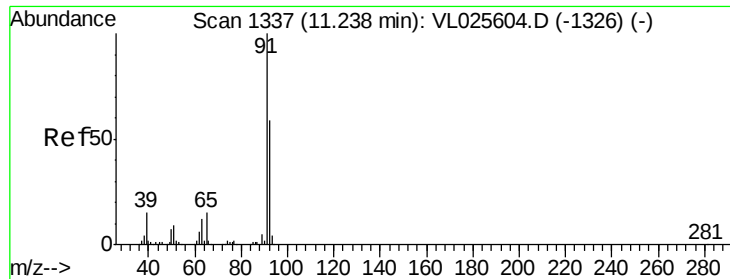
sam
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#52
Tetrachloroethene
Concen: 8.92 ppbv
RT: 12.80 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion: 164 Resp: 793298
Ion Ratio Lower Upper
164 100
166 127.4 102.3 153.5
129 105.3 86.2 129.4
131 100.1 80.3 120.5





#53

Toluene

Concen: 9.22 ppbv

RT: 11.24 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 91 Resp: 2297837

Ion Ratio Lower Upper

91 100

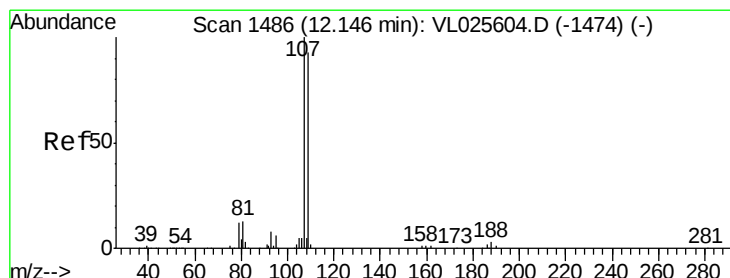
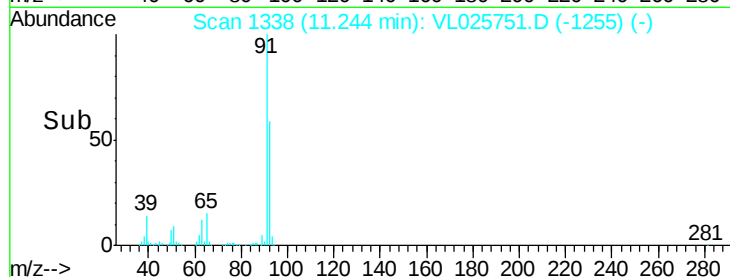
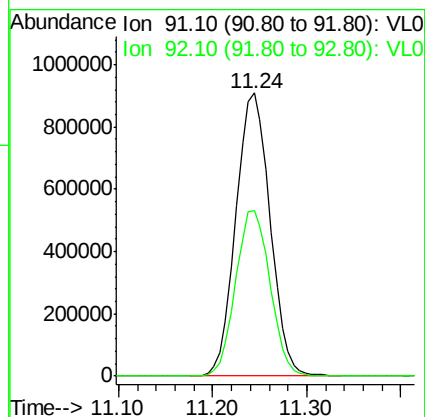
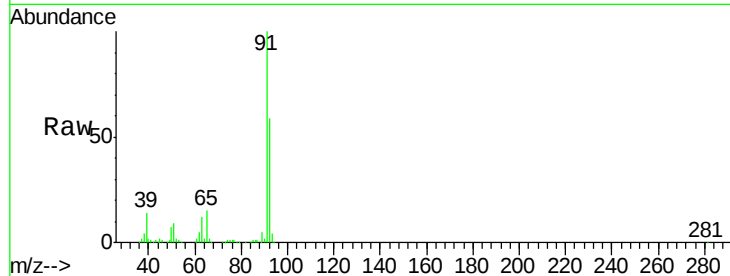
92 59.2 48.2 72.2

Manual Integrations

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sam

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#54

1,2-Dibromoethane

Concen: 8.51 ppbv

RT: 12.15 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VL025751.D

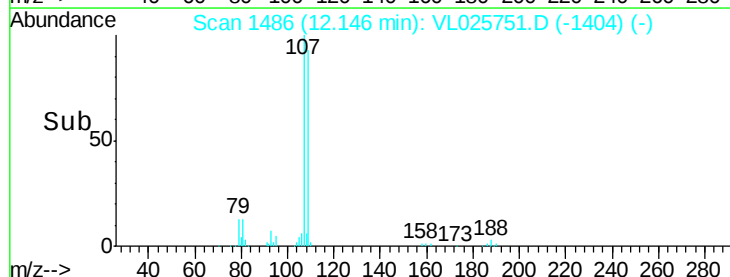
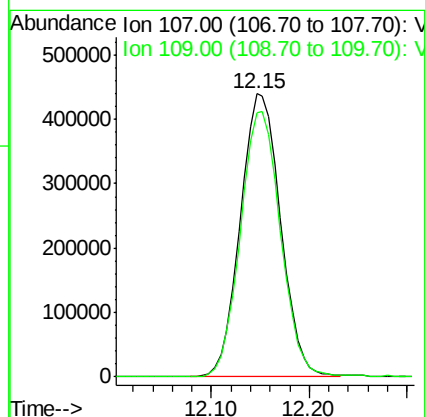
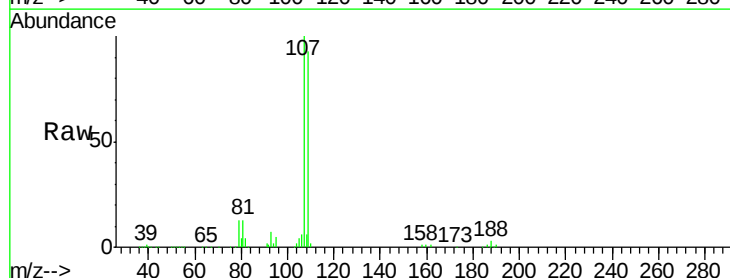
Acq: 27 Jul 2015 13:26

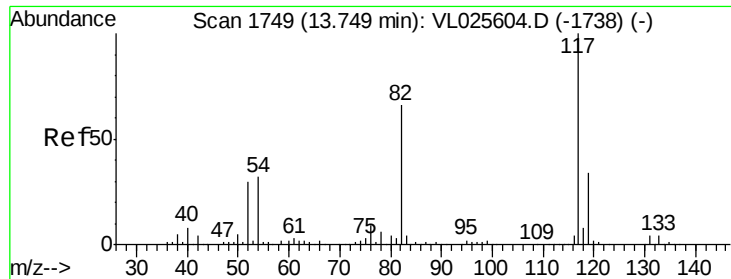
Tgt Ion: 107 Resp: 1255334

Ion Ratio Lower Upper

107 100

109 93.4 74.1 111.1





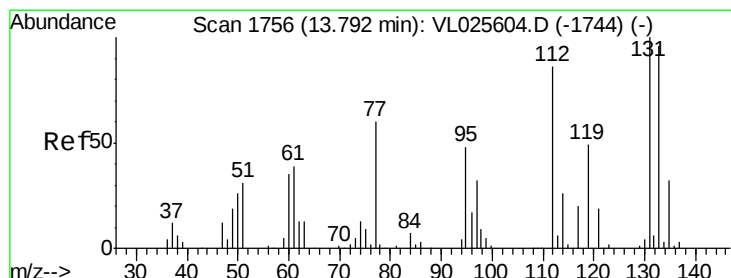
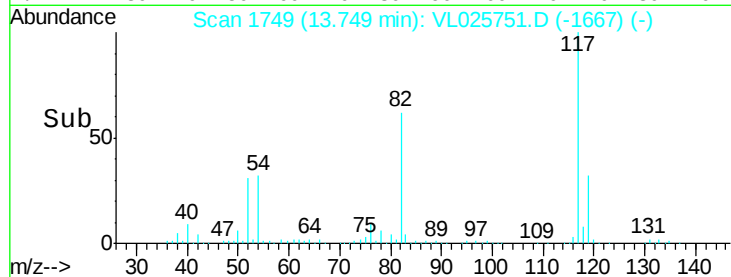
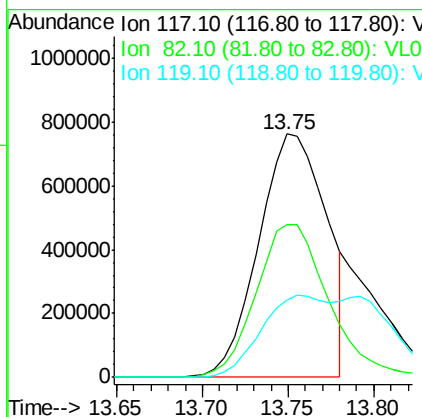
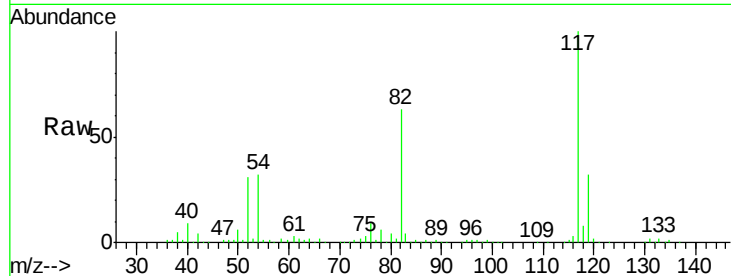
#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion:117 Resp: 2101924
Ion Ratio Lower Upper
117 100
82 68.1 50.5 75.7
119 61.5 45.1 67.7

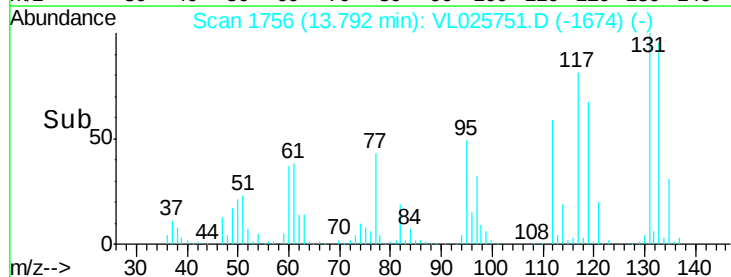
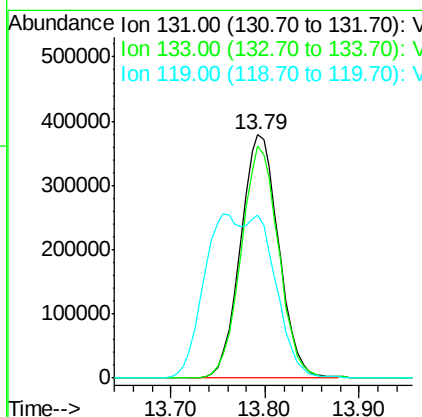
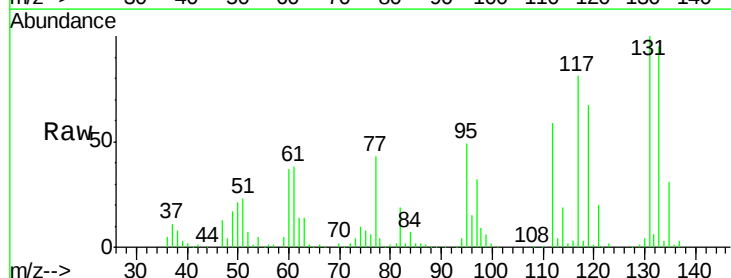
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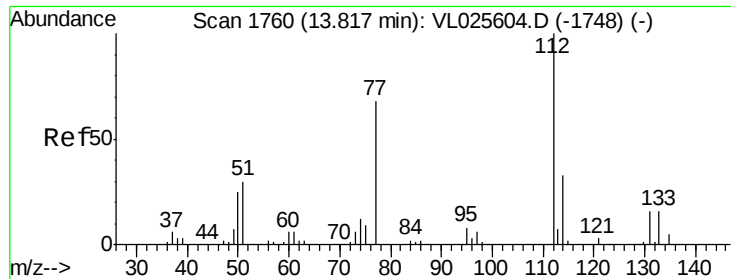
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#56
1,1,1,2-Tetrachloroethane
Concen: 9.46 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion:131 Resp: 1074604
Ion Ratio Lower Upper
131 100
133 94.1 76.9 115.3
119 120.3 97.8 146.8





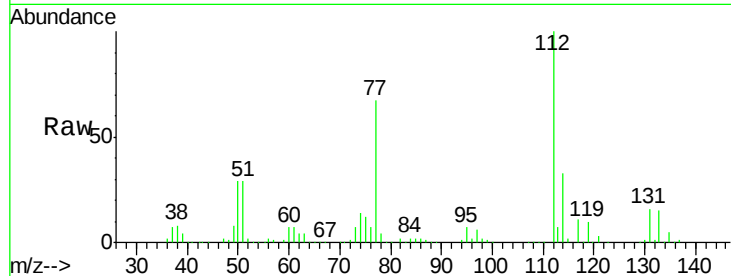
#57
Chlorobenzene
Concen: 9.03 ppbv
RT: 13.82 min Scan# 1761
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

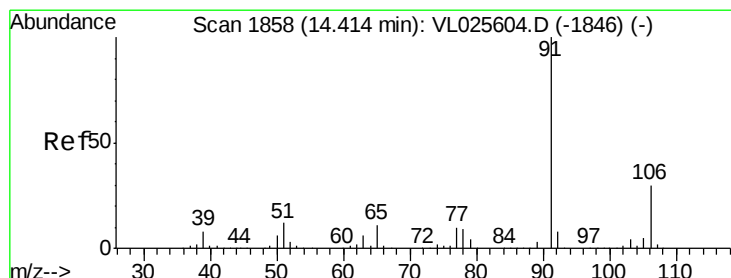
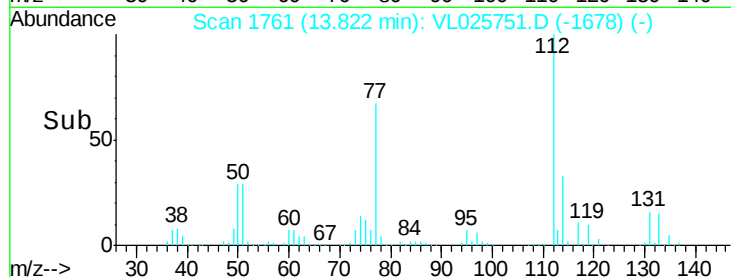
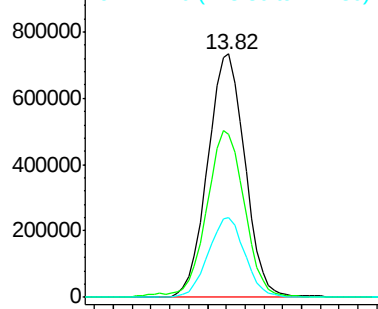
Tgt Ion: 112 Resp: 2019198
Ion Ratio Lower Upper
112 100
77 66.6 55.2 82.8
114 32.5 29.4 36.0

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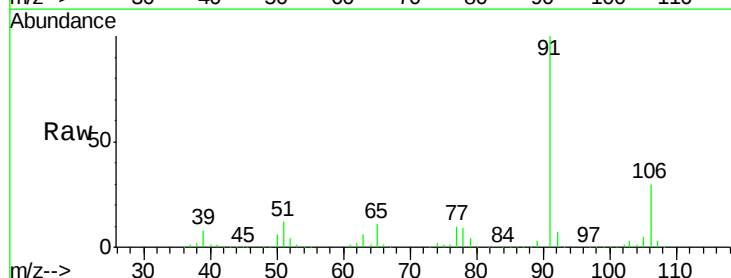


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

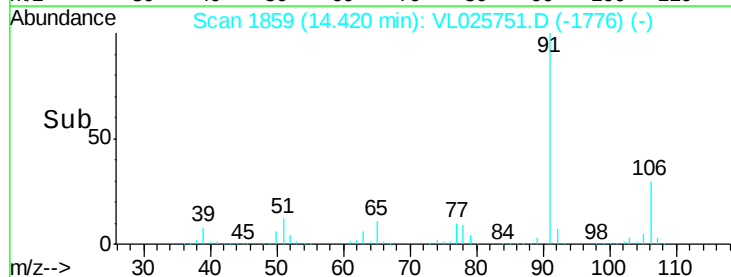
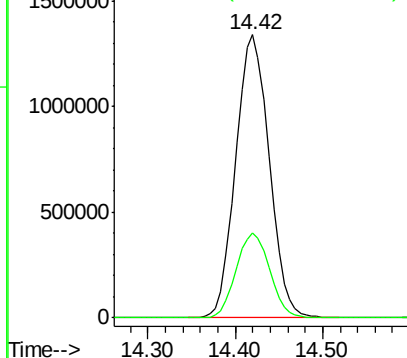


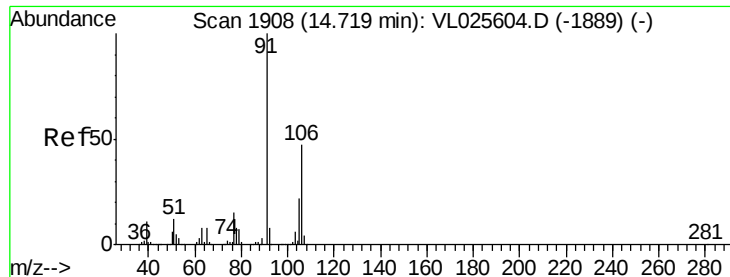
#58
Ethyl Benzene
Concen: 10.30 ppbv
RT: 14.42 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion: 91 Resp: 3577066
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





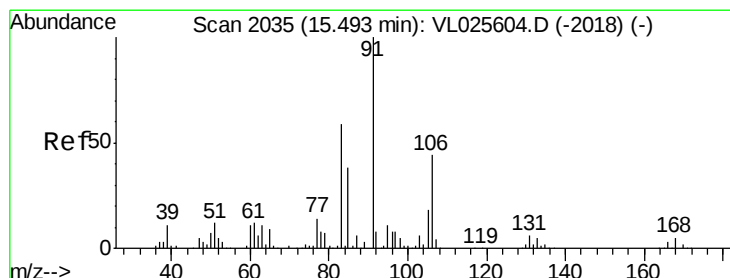
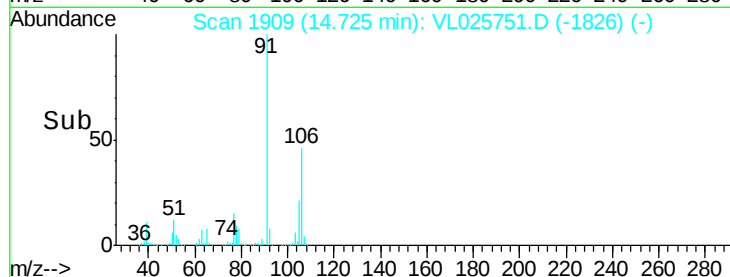
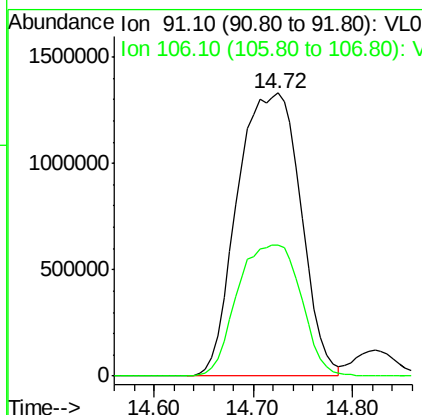
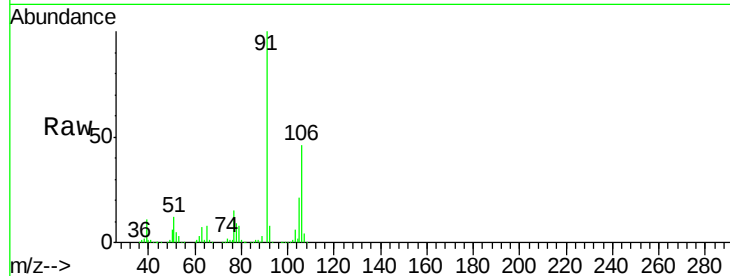
#59
m/p-Xylene
Concen: 19.34 ppbv m
RT: 14.72 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion: 91 Resp: 5900155
Ion Ratio Lower Upper
91 100
106 46.7 37.9 56.9

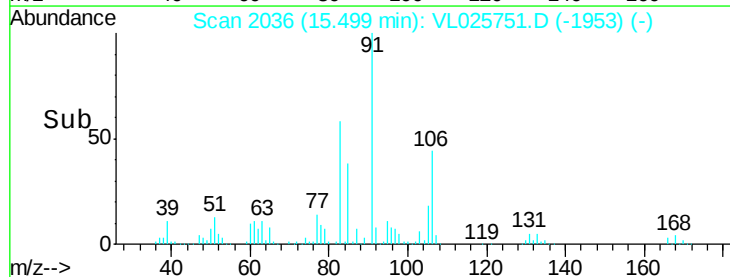
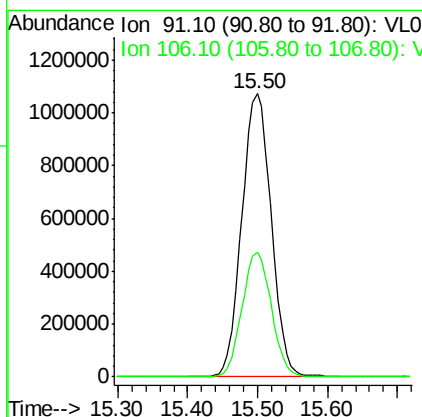
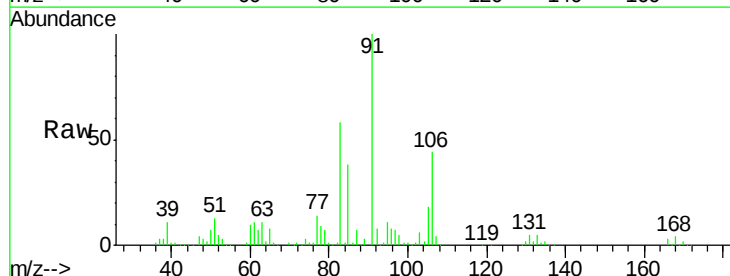
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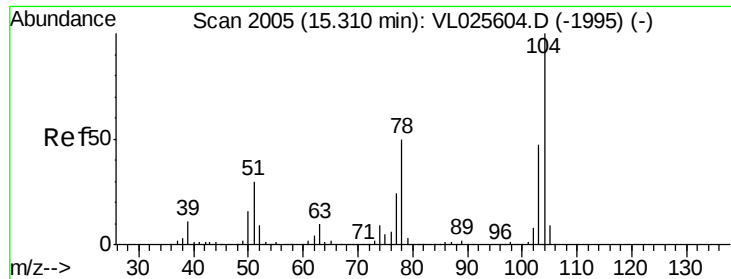
sam
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#60
o-Xylene
Concen: 9.55 ppbv
RT: 15.50 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion: 91 Resp: 3136299
Ion Ratio Lower Upper
91 100
106 44.0 22.1 66.1





#61

Styrene

Concen: 11.68 ppbv

RT: 15.32 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion:104 Resp: 1344720

Ion Ratio Lower Upper

104 100

78 51.0 40.2 60.4

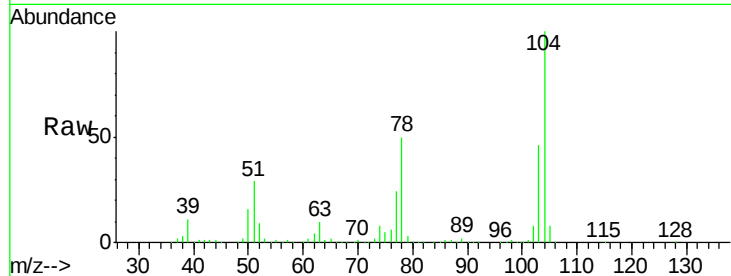
103 46.2 37.4 56.2

Manual Integrations

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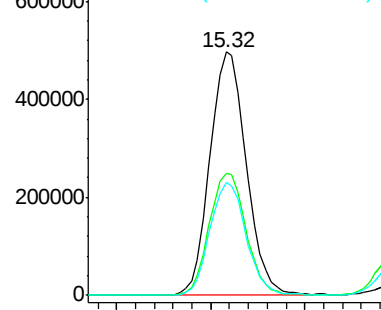
7/28/2015 11:59:19 AM



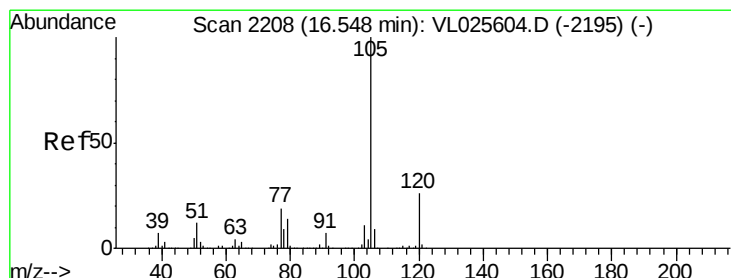
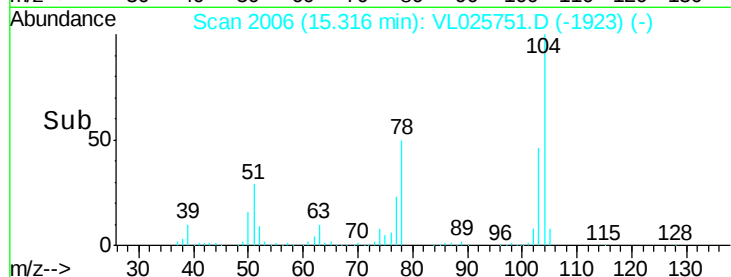
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



Time-->



#62

Isopropylbenzene

Concen: 9.69 ppbv

RT: 16.55 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VL025751.D

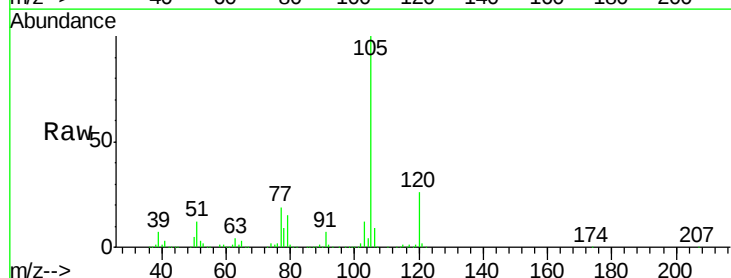
Acq: 27 Jul 2015 13:26

Tgt Ion:105 Resp: 4162453

Ion Ratio Lower Upper

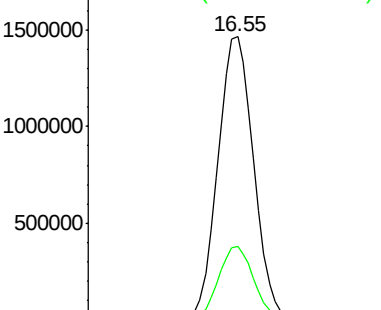
105 100

120 25.8 20.6 31.0

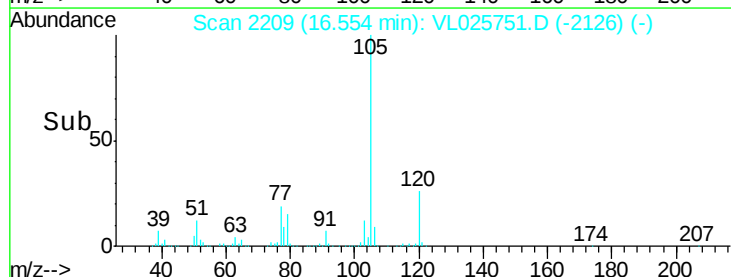


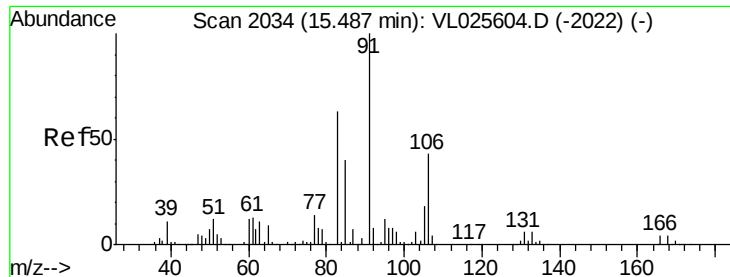
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



Time-->





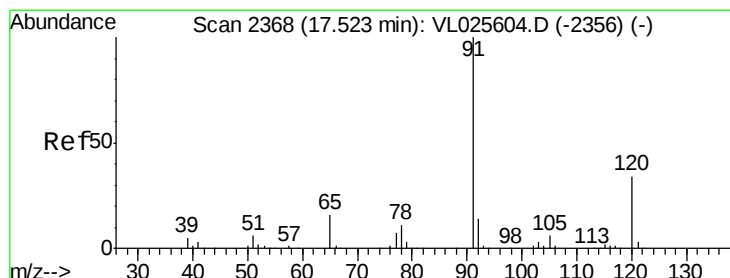
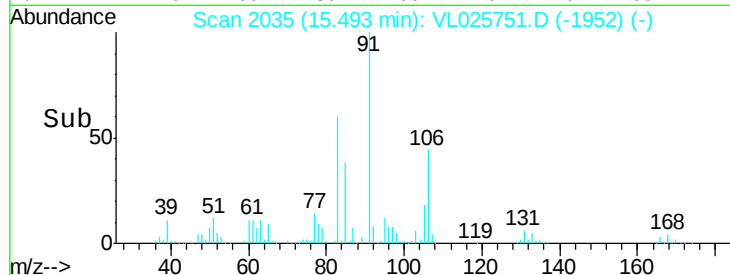
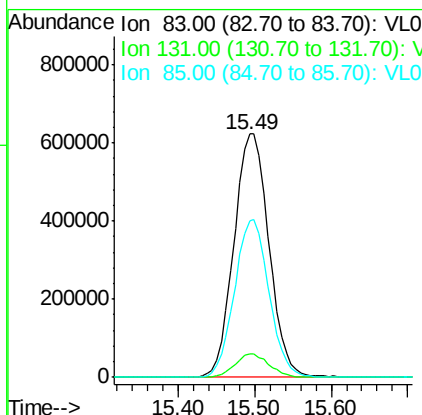
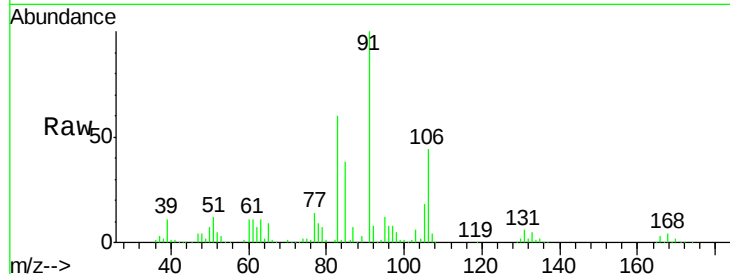
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.90 ppbv
 RT: 15.49 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion: 83 Resp: 1978439
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.2 32.4 97.2

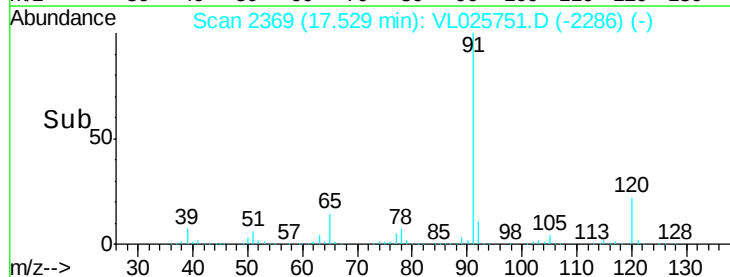
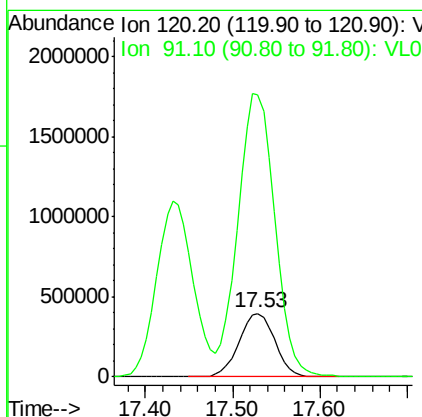
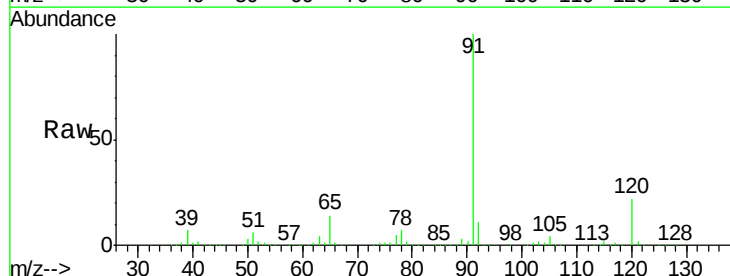
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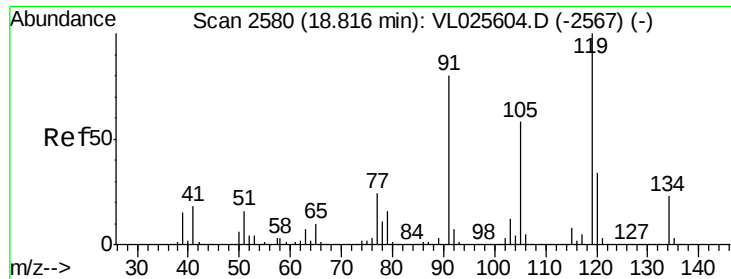
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#64
 n-propylbenzene
 Concen: 9.73 ppbv
 RT: 17.53 min Scan# 2369
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion: 120 Resp: 1129900
 Ion Ratio Lower Upper
 120 100
 91 459.8 370.5 555.7





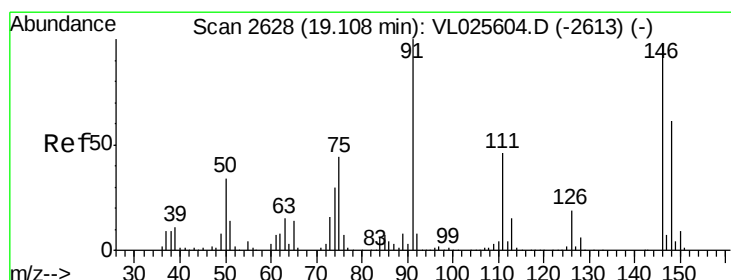
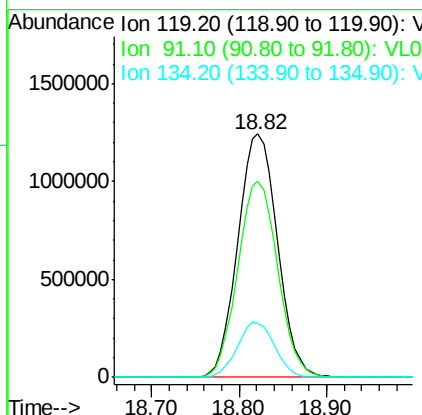
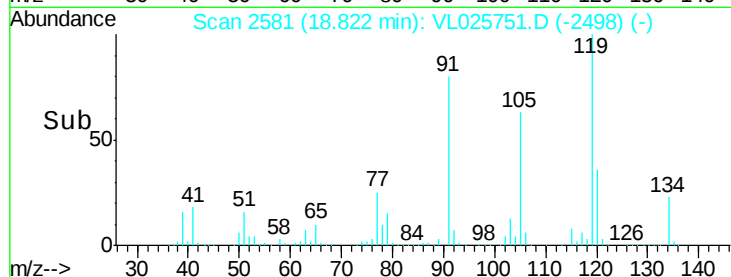
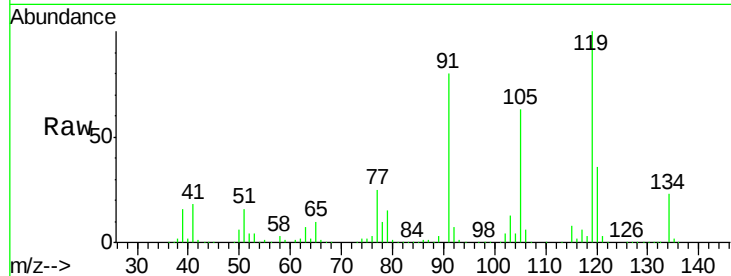
#65
 tert-Butylbenzene
 Concen: 9.32 ppbv
 RT: 18.82 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion: 119 Resp: 3929709
 Ion Ratio Lower Upper
 119 100
 91 81.1 64.5 96.7
 134 21.5 17.4 26.0

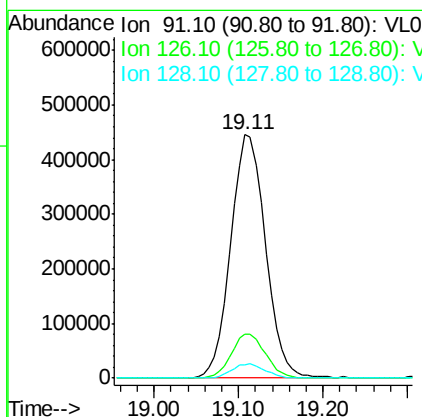
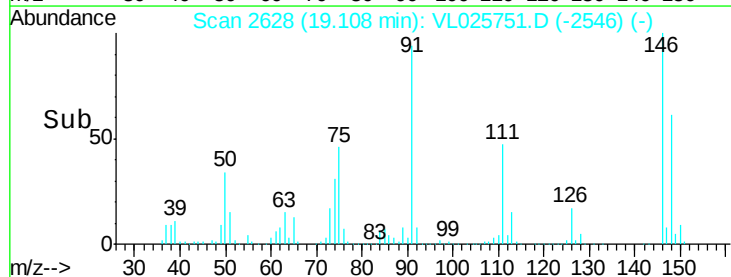
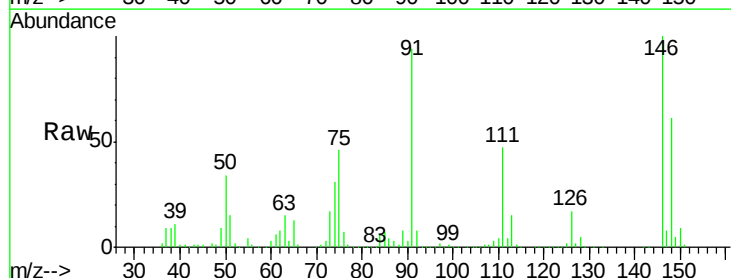
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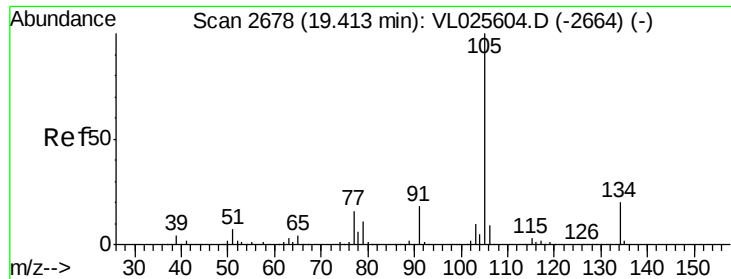
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#66
 Benzyl Chloride
 Concen: 8.02 ppbv
 RT: 19.11 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion: 91 Resp: 1240500
 Ion Ratio Lower Upper
 91 100
 126 18.0 14.5 21.7
 128 5.6 4.6 7.0





#67

sec-Butylbenzene

Concen: 9.44 ppbv

RT: 19.42 min Scan# 2679

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 105 Resp: 5574620

Ion Ratio Lower Upper

105 100

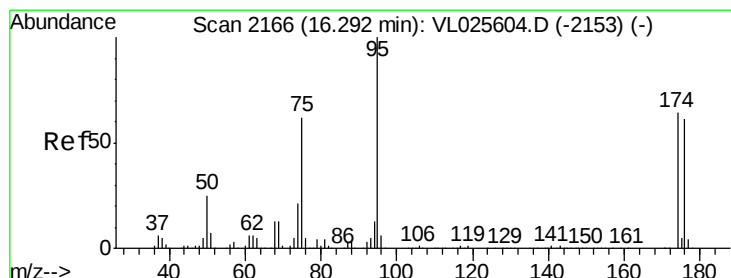
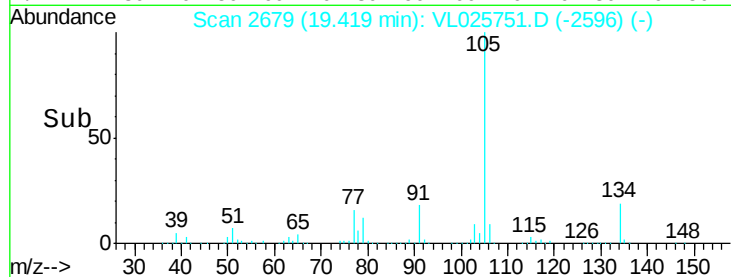
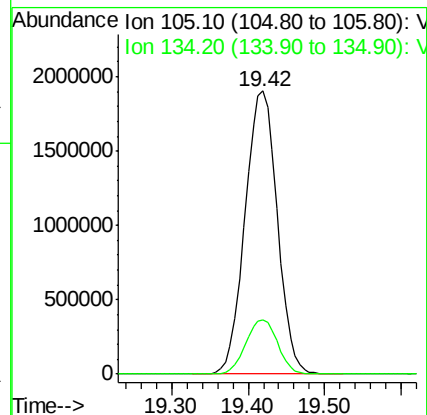
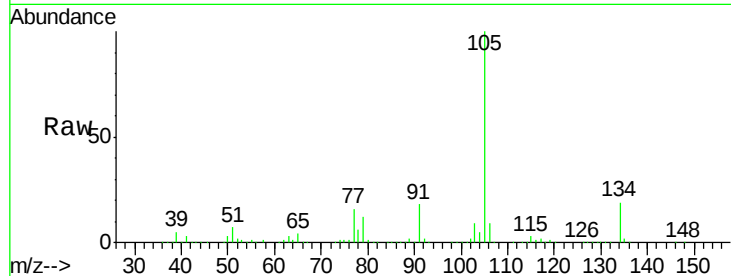
134 19.3 15.4 23.2

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.51 ppbv

RT: 16.30 min Scan# 2167

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

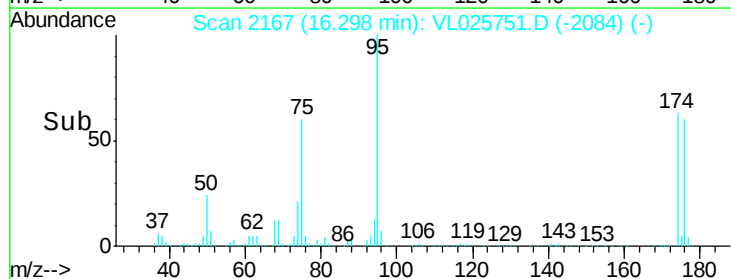
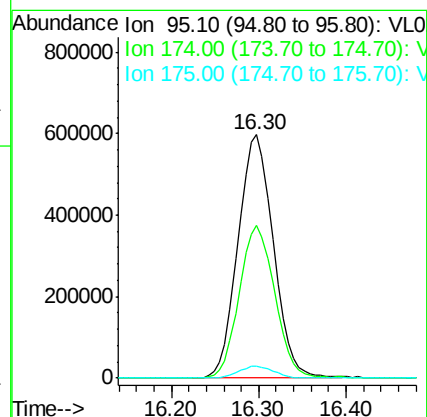
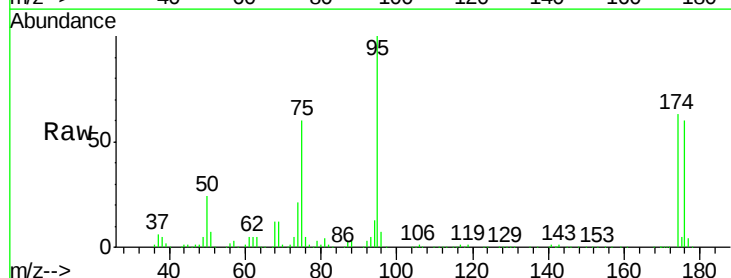
Tgt Ion: 95 Resp: 1685439

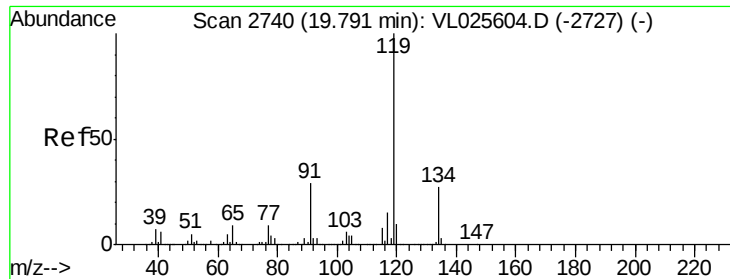
Ion Ratio Lower Upper

95 100

174 63.3 52.0 78.0

175 4.9 3.9 5.9





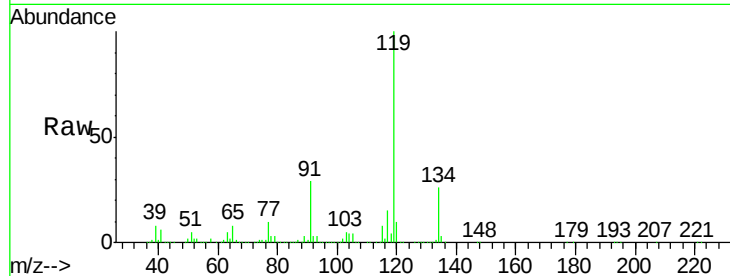
#69
 p-Isopropyltoluene
 Concen: 9.86 ppbv
 RT: 19.80 min Scan# 2741
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

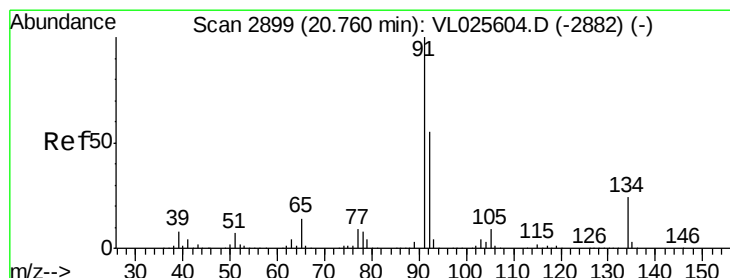
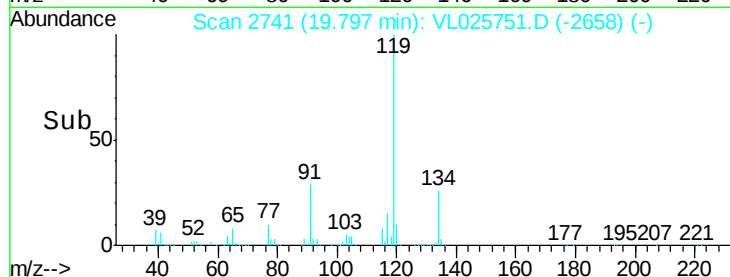
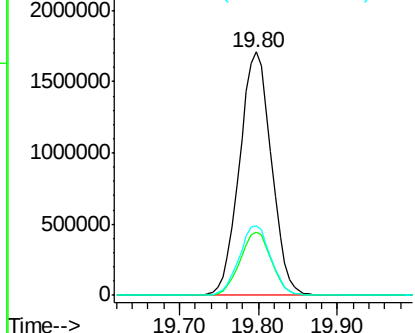
Tgt Ion: 119 Resp: 4798689
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.7 31.1
 91 28.5 22.6 34.0

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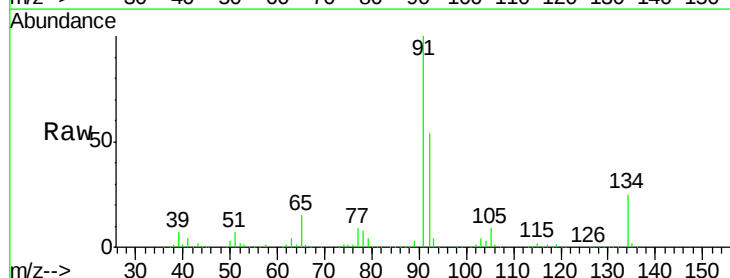


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

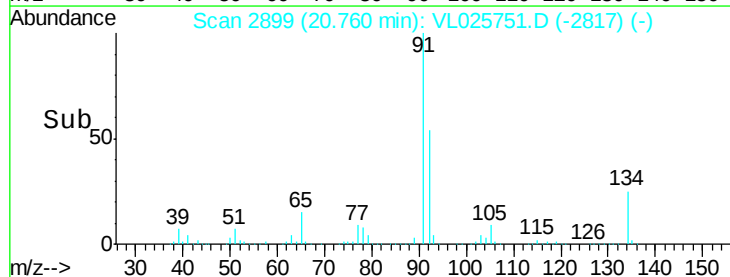
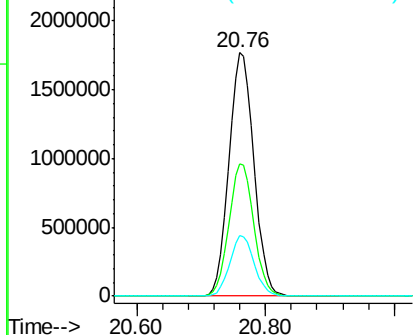


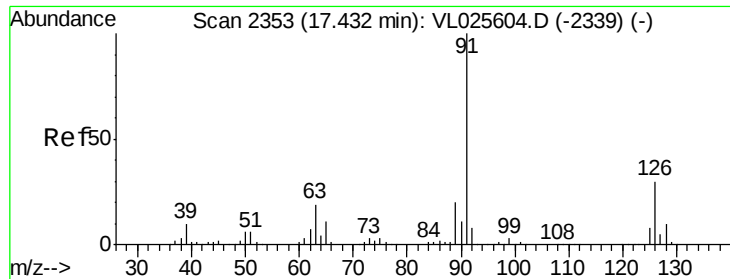
#70
 n-Butylbenzene
 Concen: 9.73 ppbv
 RT: 20.76 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion: 91 Resp: 4801308
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.3 66.5
 134 24.3 19.4 29.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 10.16 ppbv

RT: 17.43 min Scan# 2353

Delta R.T. -0.00 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0727ABS01

Tgt Ion: 91 Resp: 3199661

Ion Ratio Lower Upper

91 100

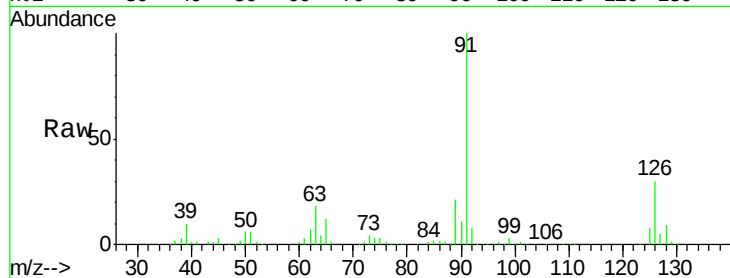
126 30.5 12.2 49.0

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

2000000

1500000

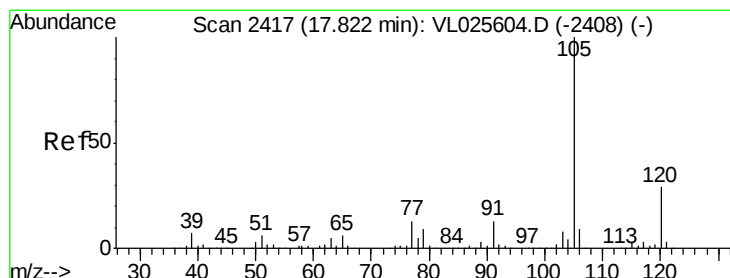
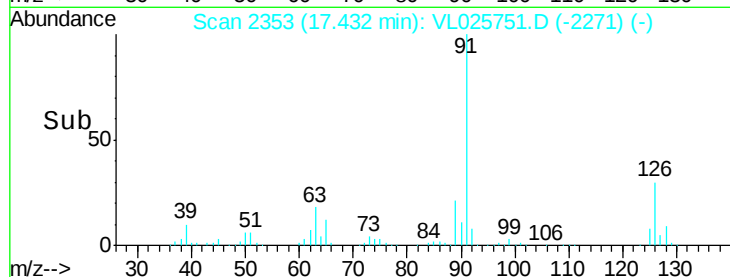
1000000

500000

0

17.30 17.40 17.50

Time-->



#72

4-Ethyltoluene

Concen: 10.10 ppbv

RT: 17.83 min Scan# 2418

Delta R.T. 0.01 min

Lab File: VL025751.D

Acq: 27 Jul 2015 13:26

Tgt Ion:105 Resp: 3666873

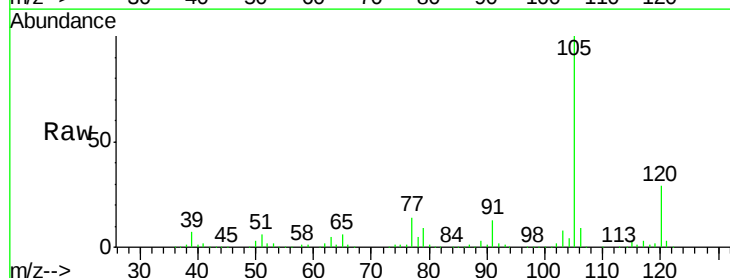
Ion Ratio Lower Upper

105 100

120 29.7 23.9 35.9

91 13.6 10.3 15.5

77 13.8 10.9 16.3



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

2000000

1500000

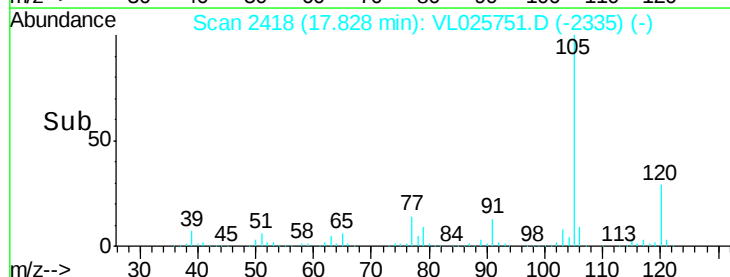
1000000

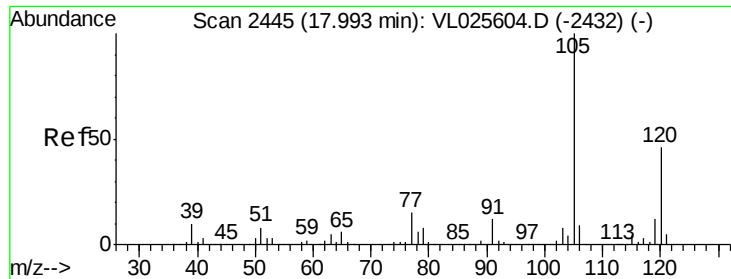
500000

0

17.70 17.80 17.90

Time-->





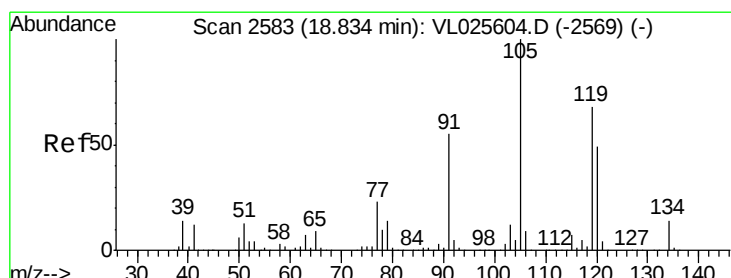
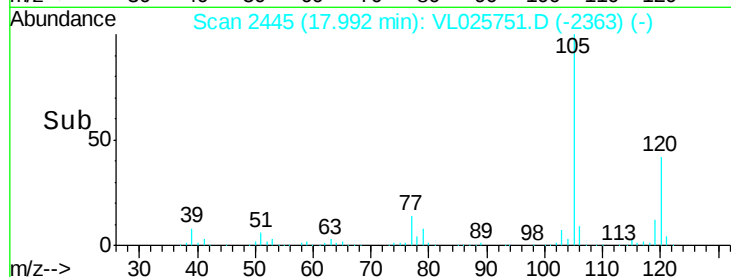
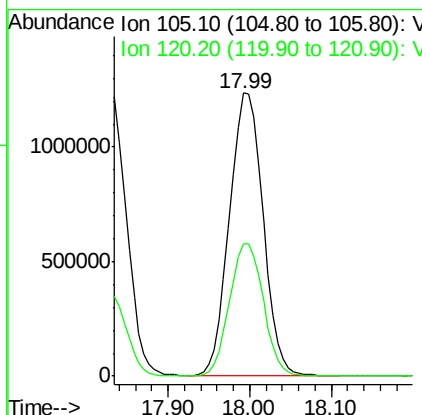
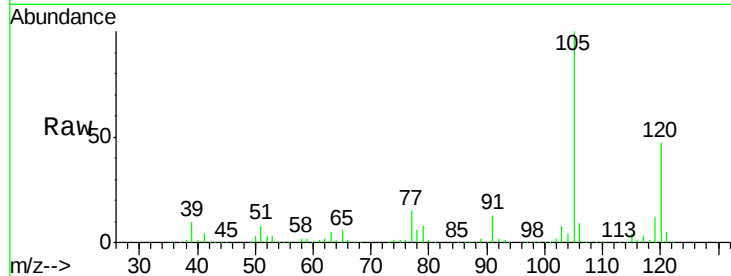
#73
 1,3,5-Trimethylbenzene
 Concen: 9.89 ppbv
 RT: 17.99 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0727ABS01

Tgt Ion:105 Resp: 3530489
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.0 55.4

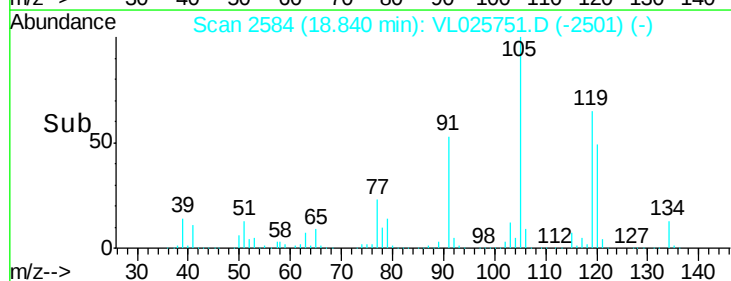
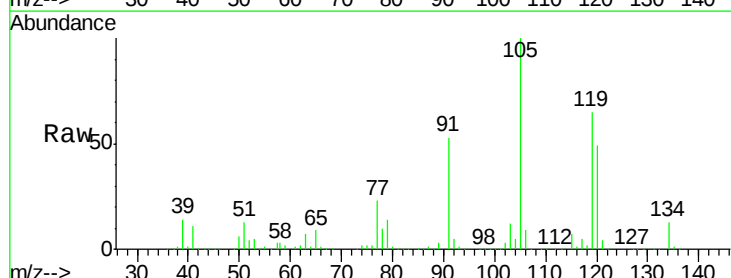
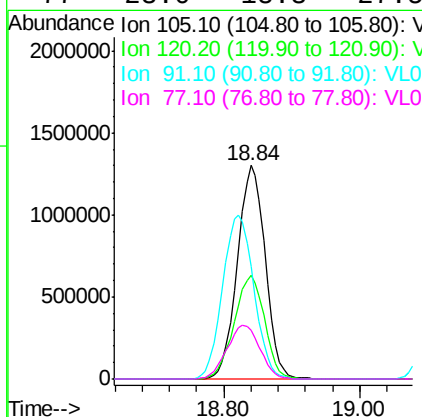
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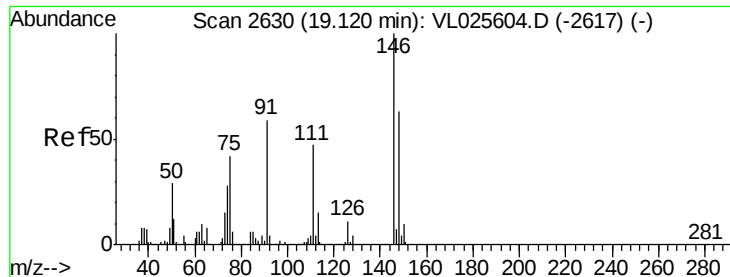
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.26 ppbv
 RT: 18.84 min Scan# 2584
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion:105 Resp: 3704155
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.3 58.9
 91 52.8 43.8 65.6
 77 23.0 18.3 27.5





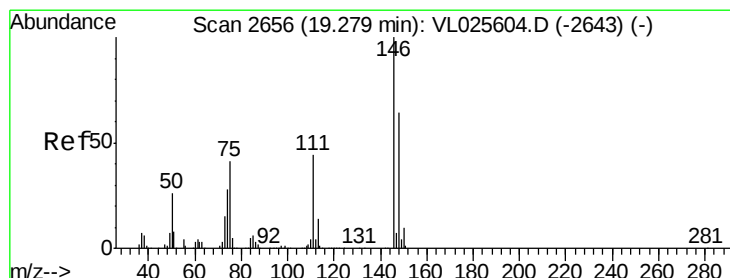
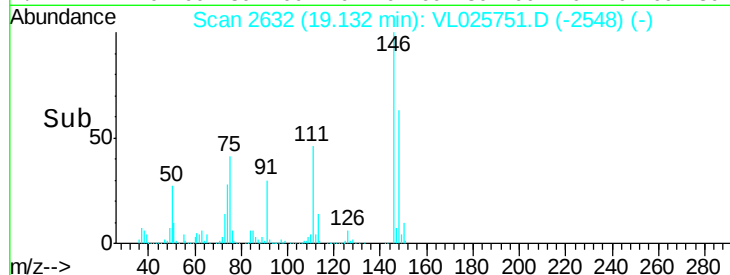
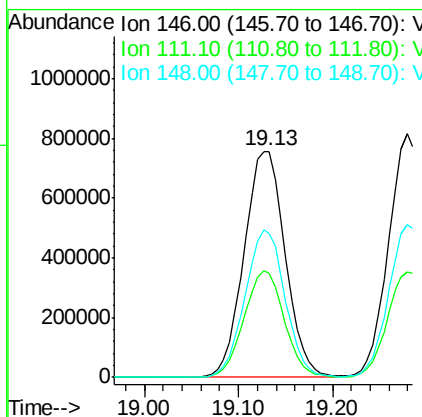
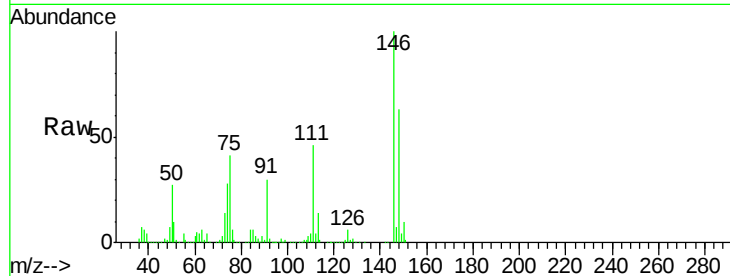
#75
 1,3-Dichlorobenzene
 Concen: 8.86 ppbv
 RT: 19.13 min Scan# 2632
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0727ABS01

Tgt Ion:146 Resp: 2307022
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.7 68.1
 148 63.6 31.8 95.3

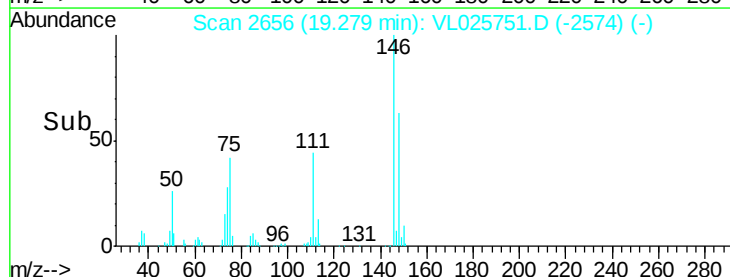
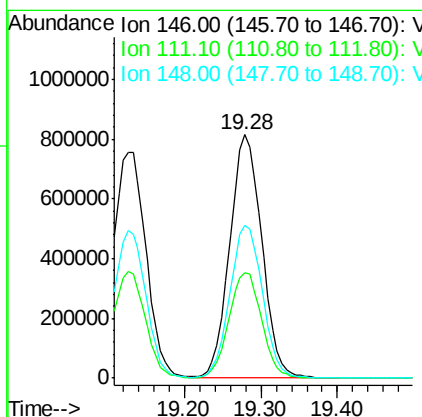
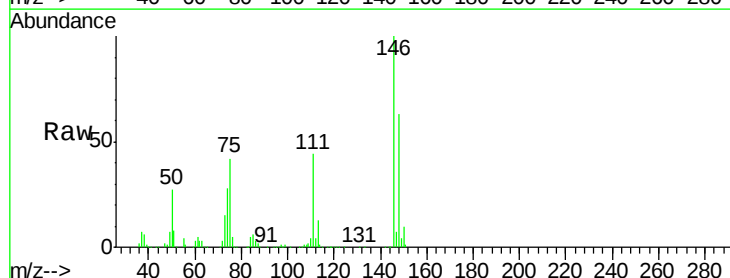
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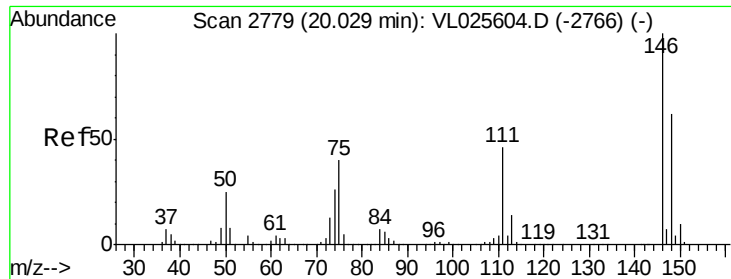
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#76
 1,4-Dichlorobenzene
 Concen: 9.09 ppbv
 RT: 19.28 min Scan# 2656
 Delta R.T. -0.00 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion:146 Resp: 2370348
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.1 66.1
 148 63.5 31.9 95.9





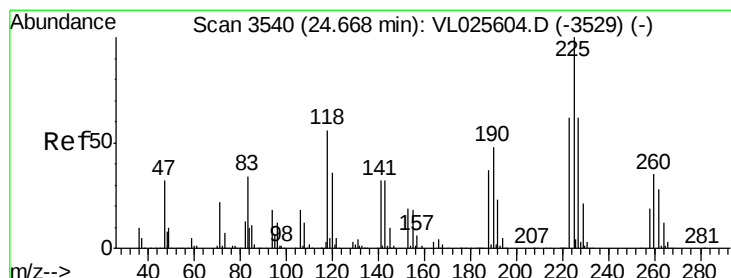
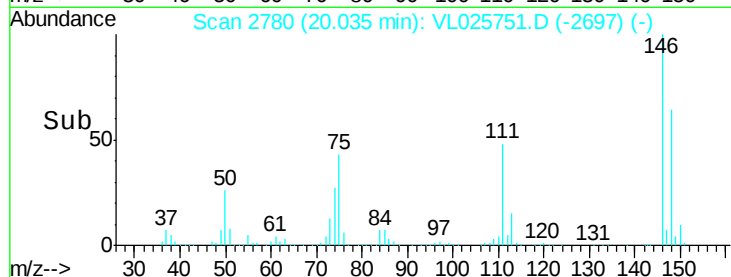
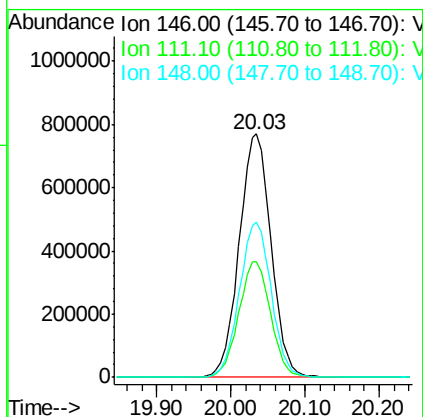
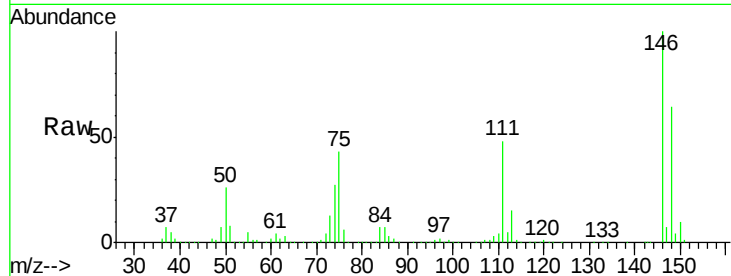
#77
 1,2-Dichlorobenzene
 Concen: 8.94 ppbv
 RT: 20.03 min Scan# 2780
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.7	23.4	70.3
148	63.8	31.6	94.8

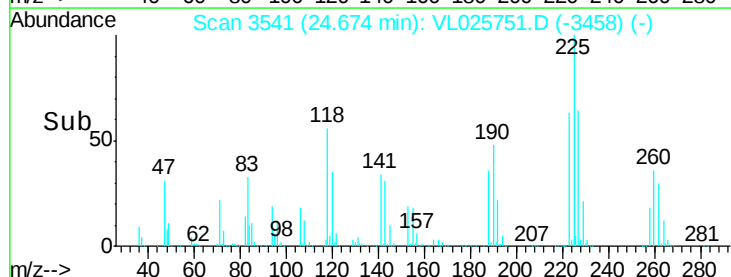
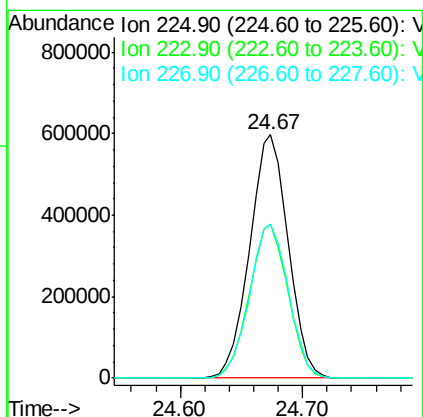
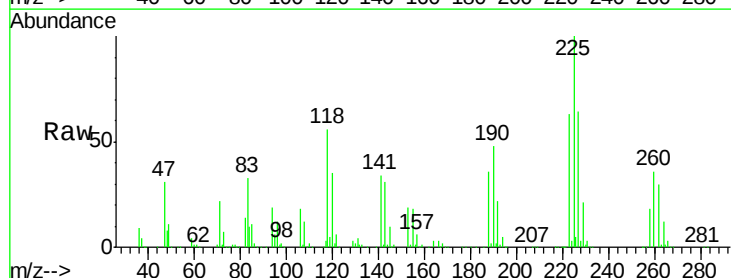
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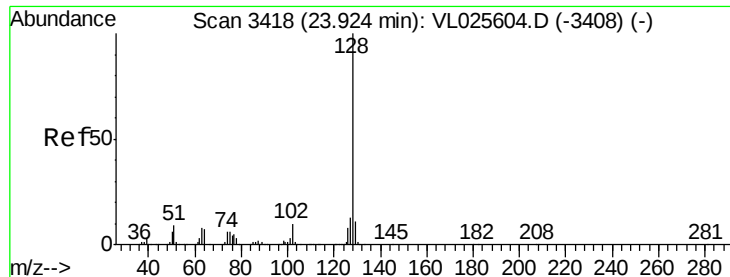
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#78
 Hexachloro-1,3-Butadiene
 Concen: 8.22 ppbv
 RT: 24.67 min Scan# 3541
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.3	50.5	75.7





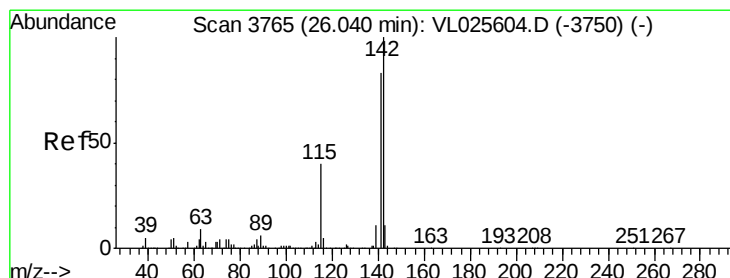
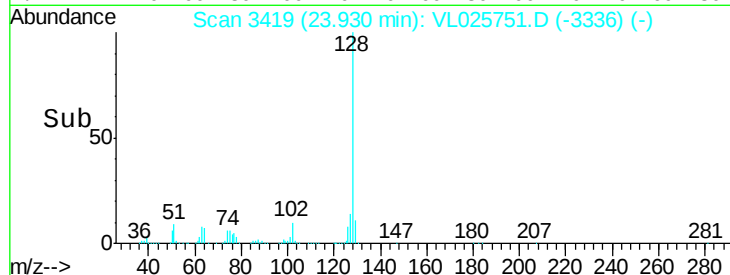
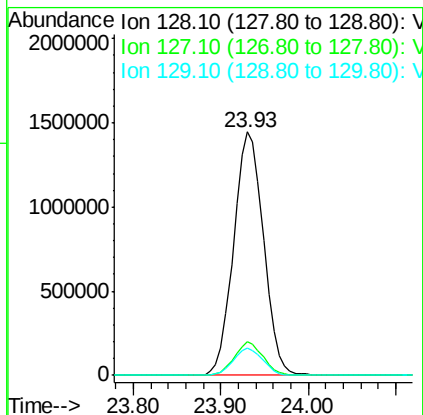
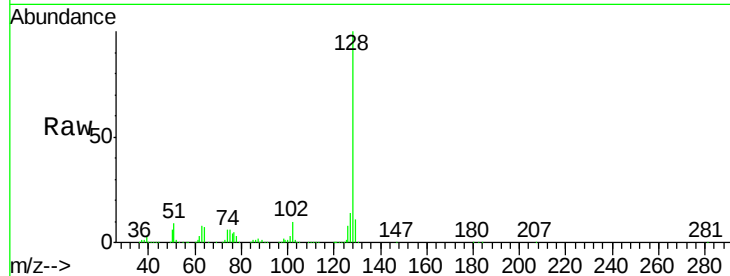
#79
Naphthalene
Concen: 8.88 ppbv
RT: 23.93 min Scan# 3419
Delta R.T. 0.01 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Instrument :
MSVOA_L
ClientSampleId :
VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	11.1	9.0	13.4

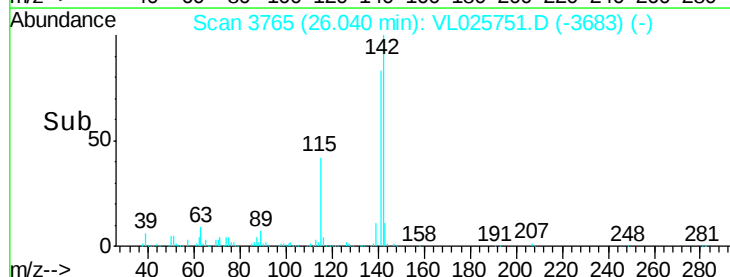
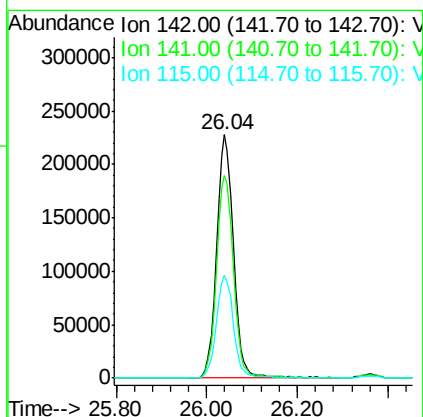
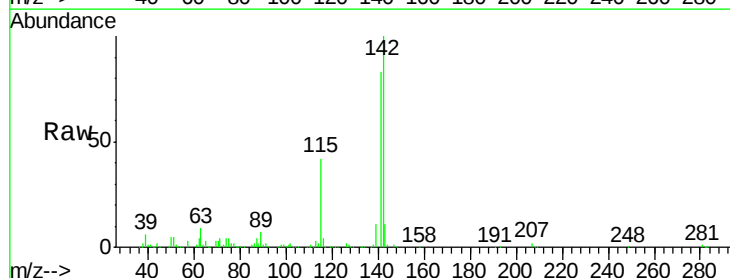
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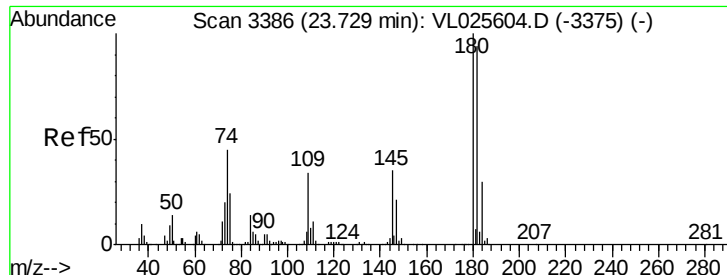
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#80
Naphthalene, 2-methyl-
Concen: 5.27 ppbv
RT: 26.04 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VL025751.D
Acq: 27 Jul 2015 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.1	67.1	100.7
115	43.1	33.9	50.9





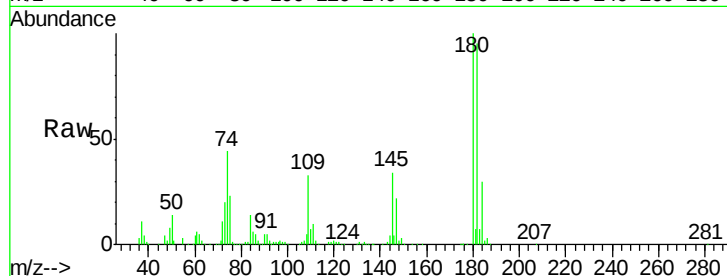
#81
 1,2,4-Trichlorobenzene
 Concen: 9.56 ppbv
 RT: 23.74 min Scan# 3387
 Delta R.T. 0.01 min
 Lab File: VL025751.D
 Acq: 27 Jul 2015 13:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0727ABS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
184	30.3	24.4	36.6

Manual Integrations
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Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

