

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025613.D
 Acq On : 7 Jul 2015 17:57
 Operator : SY/MD
 Sample : VL0707ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Quant Time: Jul 08 06:53:33 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 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	639435	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1698282	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2764899	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.30	95	1901885	8.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.50%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	1345492	8.12	ppbv	99
3) Chlorodifluoromethane	3.57	51	705304	7.83	ppbv	99
4) Chloromethane	3.75	50	328832	8.00	ppbv	99
5) Vinyl Chloride	3.89	62	362382	8.16	ppbv	96
6) Bromomethane	4.14	94	311354	8.64	ppbv	97
7) Chloroethane	4.24	64	164207	7.95	ppbv	97
8) Dichlorotetrafluoroethane	3.81	85	1193606	8.22	ppbv	99
9) Propene	3.59	41	236982	7.92	ppbv	99
10) Heptane	9.36	43	1046562	8.98	ppbv	100
11) Trichlorofluoromethane	4.70	101	1872239	8.71	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1055616	8.57	ppbv	99
13) Ethanol	4.33	45	26939	5.79	ppbv	94
14) Bromoethene	4.45	108	337421	8.35	ppbv	99
15) Acetone	4.60	43	976908	8.65	ppbv	100
16) 1,3-Butadiene	3.96	39	377576	8.40	ppbv	98
17) tert-Butyl alcohol	5.12	59	870158	9.18	ppbv	99
18) 1,1-Dichloroethene	5.09	96	401215	8.50	ppbv	99
19) Isopropyl Alcohol	4.75	45	347921	7.72	ppbv #	97
20) Methylene Chloride	5.15	84	364693	7.95	ppbv	96
21) Allyl Chloride	5.23	41	582068	8.23	ppbv	97
22) trans-1,2-Dichloroethene	5.77	96	403824	8.38	ppbv	97
23) Vinyl Acetate	5.99	43	1528431	8.93	ppbv	100
24) 1,1-Dichloroethane	5.92	63	973162	8.48	ppbv	99
25) Ethyl Acetate	6.67	43	1487523	8.70	ppbv	99
26) Hexane	6.67	57	695159	8.64	ppbv	97
27) Carbon Disulfide	5.39	76	1122881	8.61	ppbv	99
28) Methyl tert-Butyl Ether	5.95	73	1431708	8.95	ppbv	100
29) Chloroform	6.75	83	1377925	8.67	ppbv	98
30) Cyclohexane	8.29	84	690952	8.98	ppbv	98
31) cis-1,2-Dichloroethene	6.53	61	720952	9.01	ppbv	99
32) 1,1,1-Trichloroethane	7.60	97	1547655	8.96	ppbv	99
34) 2-Butanone	6.20	43	879012	9.12	ppbv	99
35) Carbon Tetrachloride	8.17	117	1664619	9.20	ppbv	100
36) Benzene	8.03	78	1467915	9.03	ppbv	99
37) 1,2-Dichloroethane	7.38	62	1248305	8.99	ppbv	100
38) Trichloroethene	9.07	130	691467	9.14	ppbv	98
39) 1,2-Dichloropropane	8.83	63	523261	8.71	ppbv	97
40) 1,4-Dioxane	9.13	88	80211	8.51	ppbv #	1
41) Tetrahydrofuran	7.12	42	442140	9.19	ppbv	99
42) Bromodichloromethane	9.03	83	1552667	9.27	ppbv	99
43) Methyl Methacrylate	9.27	69	616606	9.88	ppbv	99

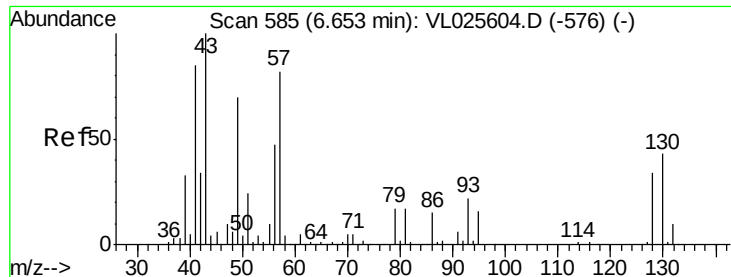
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025613.D
 Acq On : 7 Jul 2015 17:57
 Operator : SY/MD
 Sample : VL0707ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Quant Time: Jul 08 06:53:33 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 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	2543140	9.12	ppbv	99
45) t-1,3-Dichloropropene	10.66	75	1017732	9.69	ppbv	100
46) cis-1,3-Dichloropropene	10.03	75	1113187	9.59	ppbv	98
47) 1,1,2-Trichloroethane	10.89	97	745283	8.92	ppbv	100
48) Dibromochloromethane	11.81	129	1421851	9.50	ppbv	99
49) Bromoform	14.82	173	1177012	9.54	ppbv	99
50) 4-Methyl-2-Pentanone	10.09	43	1338460	9.64	ppbv	100
51) 2-Hexanone	11.62	43	1301505	10.45	ppbv #	98
52) Tetrachloroethene	12.80	164	792852	9.72	ppbv	99
53) Toluene	11.24	91	2207757	9.66	ppbv	100
54) 1,2-Dibromoethane	12.15	107	1221363	9.03	ppbv	98
56) 1,1,1,2-Tetrachloroethane	13.80	131	1091184	7.30	ppbv	99
57) Chlorobenzene	13.82	112	2006029	6.82	ppbv	99
58) Ethyl Benzene	14.43	91	3546041	7.77	ppbv	100
59) m/p-Xylene	14.73	91	5911556	14.73	ppbv	99
60) o-Xylene	15.51	91	3143244	7.27	ppbv	99
61) Styrene	15.32	104	1332304	8.80	ppbv	99
62) Isopropylbenzene	16.56	105	4181982	7.40	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.50	83	1945779	6.66	ppbv	100
64) n-propylbenzene	17.54	120	1139497	7.46	ppbv	98
65) tert-Butylbenzene	18.83	119	4027161	7.26	ppbv	99
66) Benzyl Chloride	19.11	91	1229947	6.05	ppbv	100
67) sec-Butylbenzene	19.42	105	5607603	7.22	ppbv	100
69) p-Isopropyltoluene	19.80	119	4880959	7.62	ppbv	100
70) n-Butylbenzene	20.77	91	4881285	7.52	ppbv	99
71) 2-Chlorotoluene	17.44	91	3226308	7.79	ppbv	100
72) 4-Ethyltoluene	17.83	105	3728517	7.80	ppbv	99
73) 1,3,5-Trimethylbenzene	18.00	105	3602049	7.67	ppbv	97
74) 1,2,4-Trimethylbenzene	18.85	105	3807502	7.24	ppbv	95
75) 1,3-Dichlorobenzene	19.13	146	2385474	6.97	ppbv	100
76) 1,4-Dichlorobenzene	19.28	146	2422474	7.06	ppbv	100
77) 1,2-Dichlorobenzene	20.04	146	2366274	6.96	ppbv	100
78) Hexachloro-1,3-Butadiene	24.67	225	1362679	6.52	ppbv	99
79) Naphthalene	23.94	128	3519343	6.93	ppbv	99
80) Naphthalene,2-methyl-	26.05	142	599980	4.06	ppbv	99
81) 1,2,4-Trichlorobenzene	23.74	180	1828230	7.50	ppbv	99

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.66 min Scan# 586

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

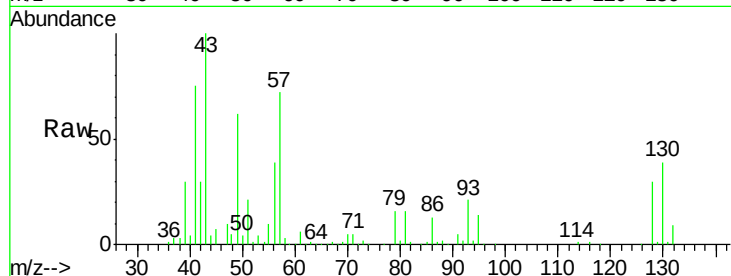
Tgt Ion: 49 Resp: 639435

Ion Ratio Lower Upper

49 100

128 50.9 25.4 76.0

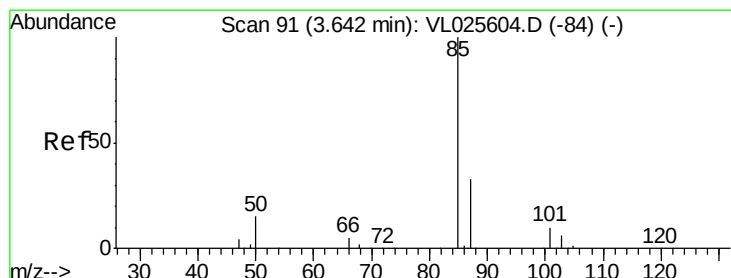
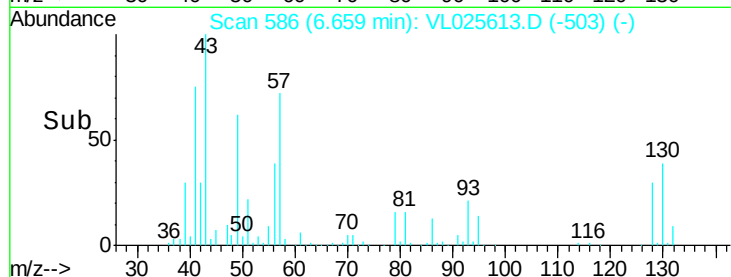
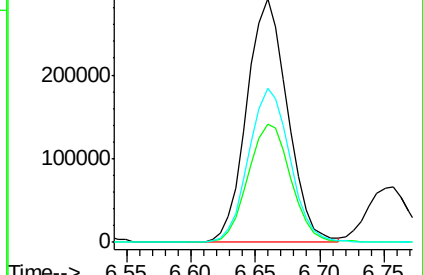
130 64.3 31.9 95.9



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: 8.12 ppbv

RT: 3.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VL025613.D

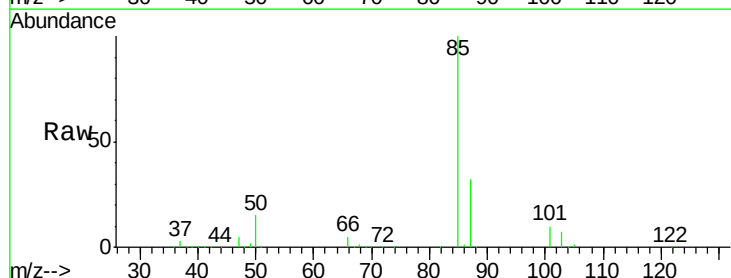
Acq: 7 Jul 2015 17:57

Tgt Ion: 85 Resp: 1345492

Ion Ratio Lower Upper

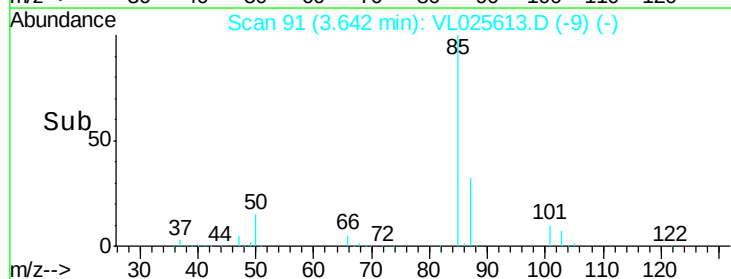
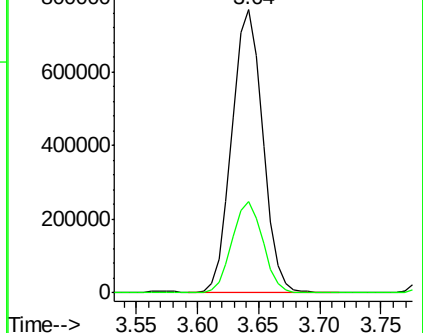
85 100

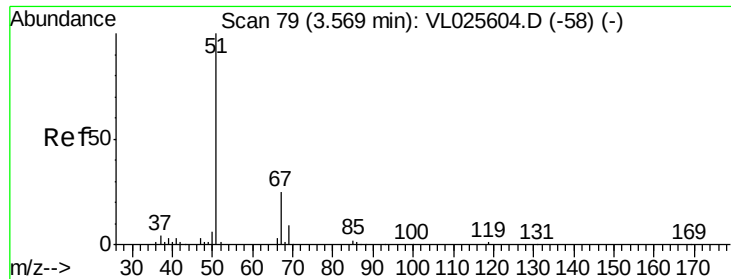
87 32.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

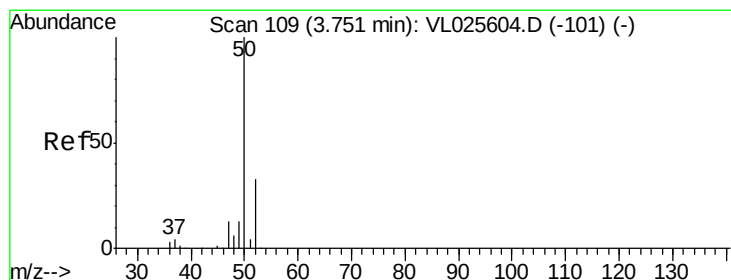
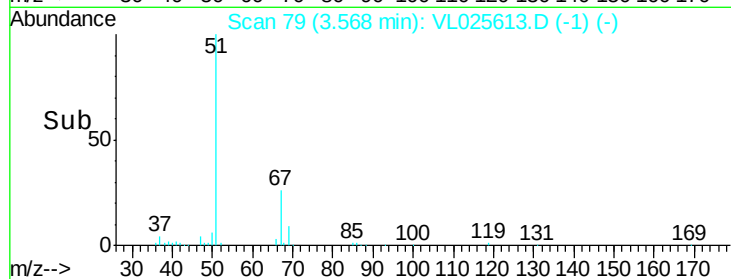
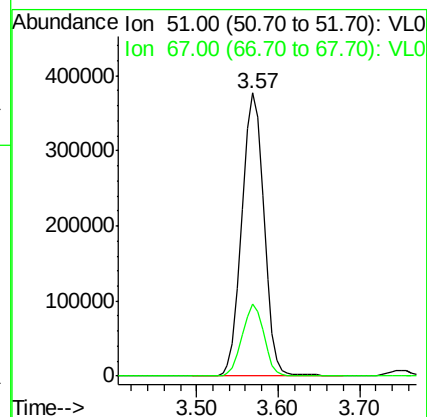
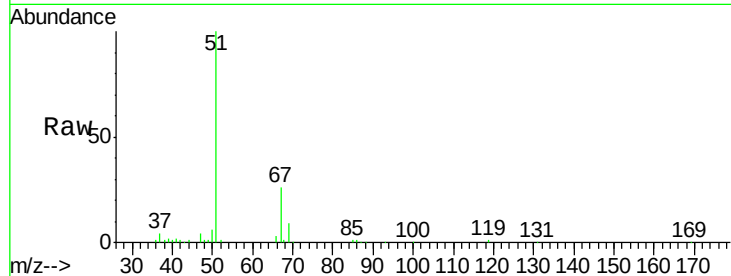




#3
 Chlorodifluoromethane
 Concen: 7.83 ppbv
 RT: 3.57 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

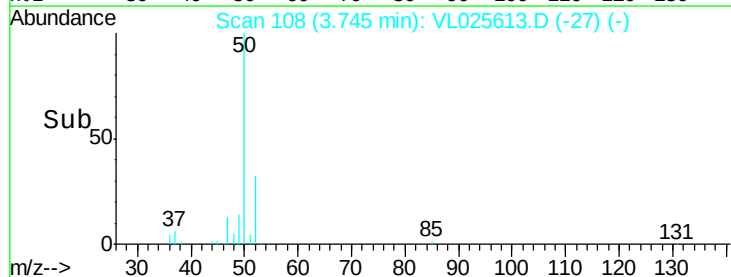
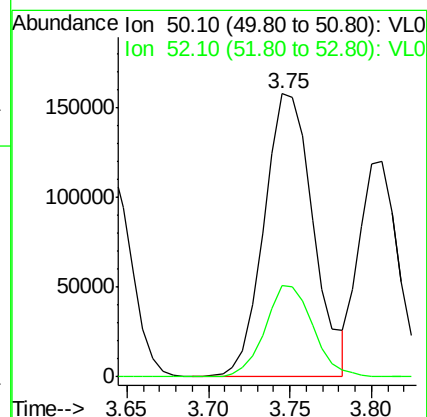
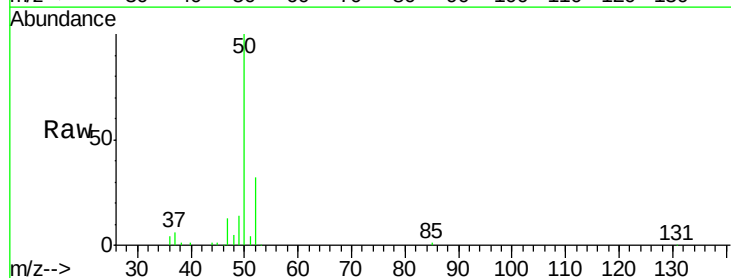
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

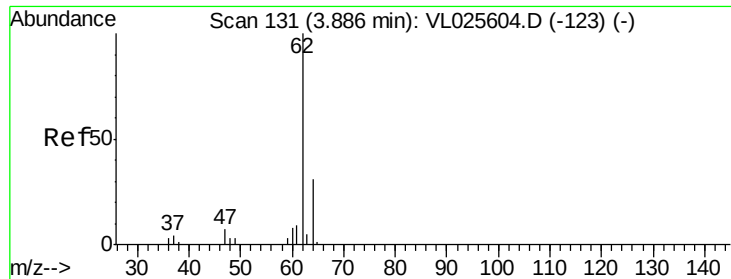
Tgt Ion: 51 Resp: 705304
 Ion Ratio Lower Upper
 51 100
 67 25.0 19.5 29.3



#4
 Chloromethane
 Concen: 8.00 ppbv
 RT: 3.75 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 50 Resp: 328832
 Ion Ratio Lower Upper
 50 100
 52 32.2 26.2 39.2





#5

Vinyl Chloride

Concen: 8.16 ppbv

RT: 3.89 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

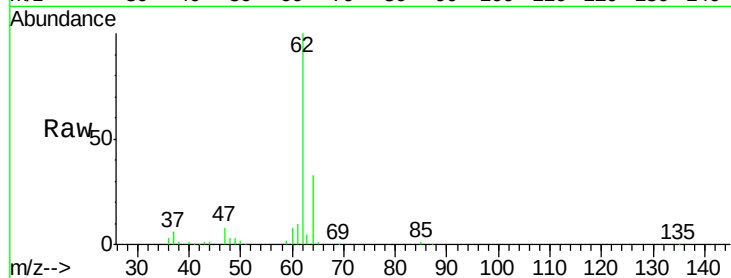
VL0707ABS01

Tgt Ion: 62 Resp: 362382

Ion Ratio Lower Upper

62 100

64 33.3 25.0 37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.89

200000

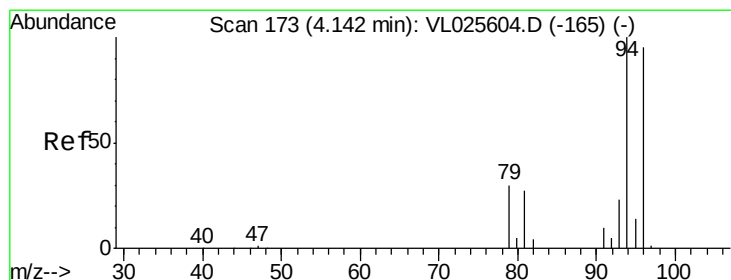
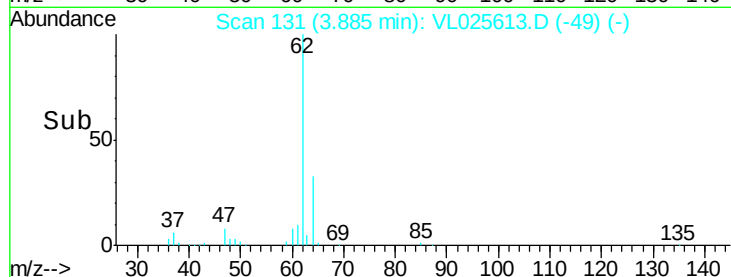
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 8.64 ppbv

RT: 4.14 min Scan# 173

Delta R.T. -0.00 min

Lab File: VL025613.D

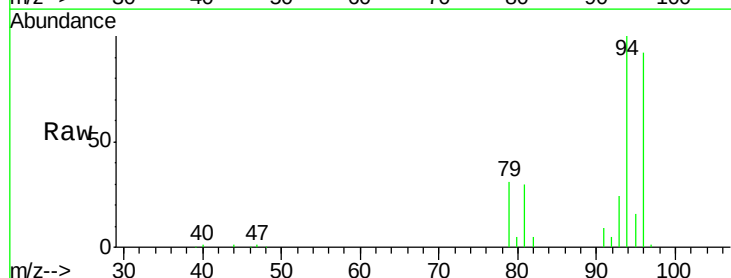
Acq: 7 Jul 2015 17:57

Tgt Ion: 94 Resp: 311354

Ion Ratio Lower Upper

94 100

96 92.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

4.14

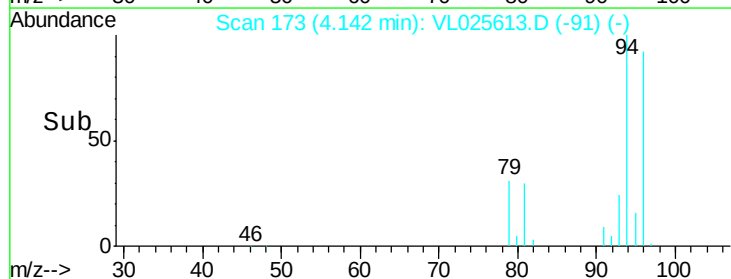
150000

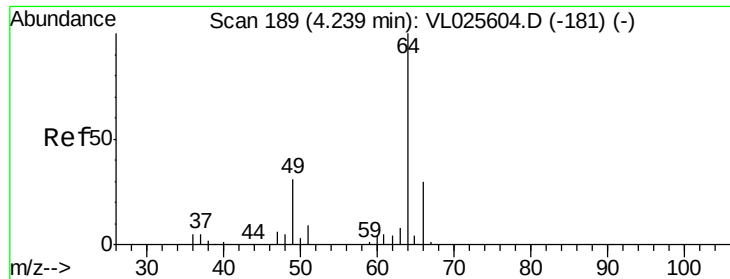
100000

50000

0

Time-->





#7

Chloroethane

Concen: 7.95 ppbv

RT: 4.24 min Scan# 189

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

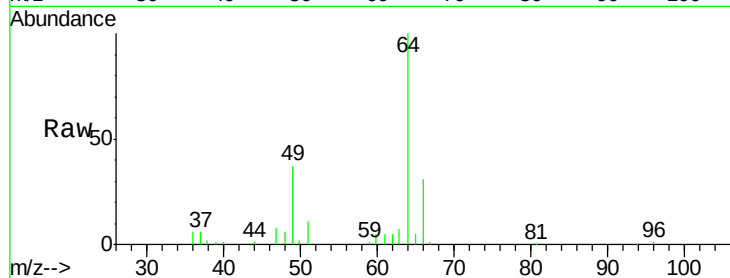
VL0707ABS01

Tgt Ion: 64 Resp: 164207

Ion Ratio Lower Upper

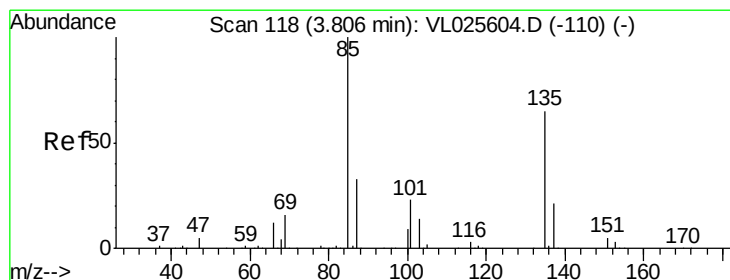
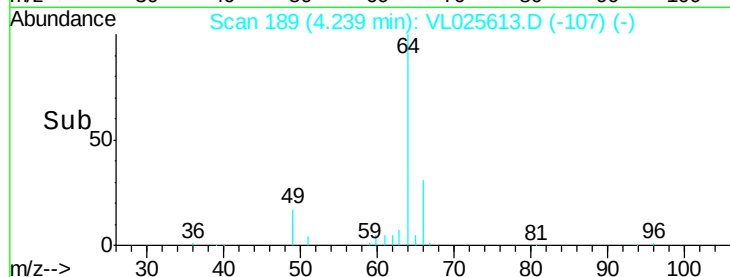
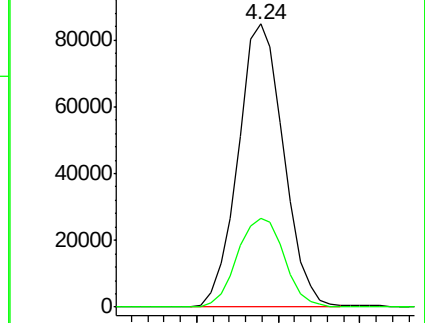
64 100

66 31.4 23.8 35.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 8.22 ppbv

RT: 3.81 min Scan# 118

Delta R.T. -0.00 min

Lab File: VL025613.D

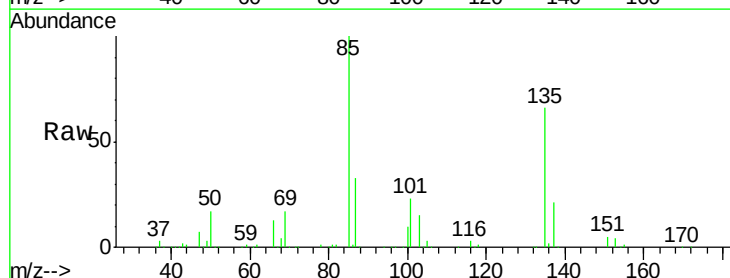
Acq: 7 Jul 2015 17:57

Tgt Ion: 85 Resp: 1193606

Ion Ratio Lower Upper

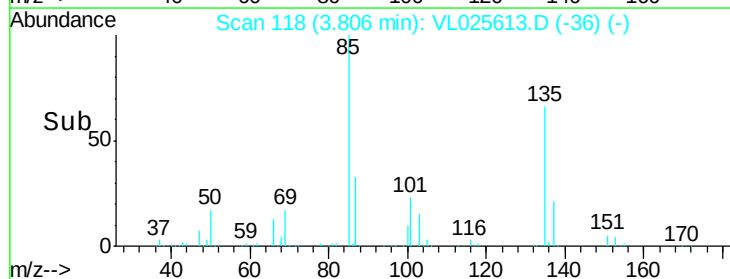
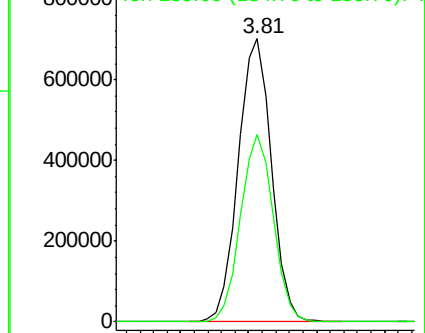
85 100

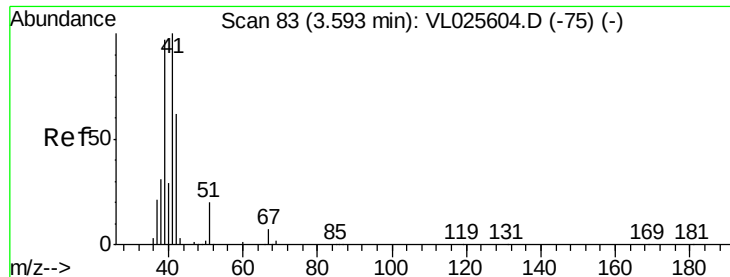
135 65.9 52.2 78.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 7.92 ppbv

RT: 3.59 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

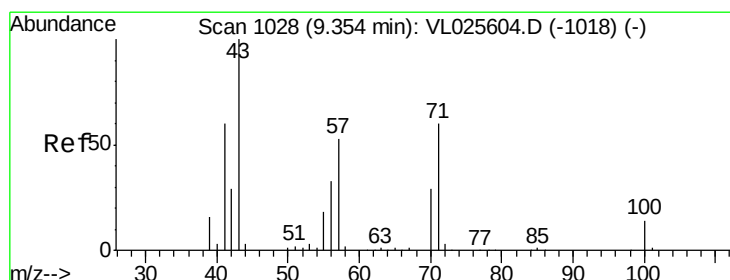
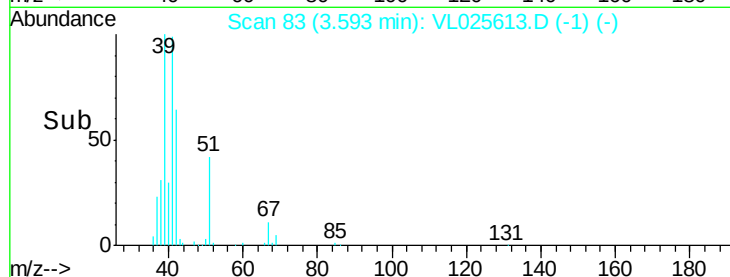
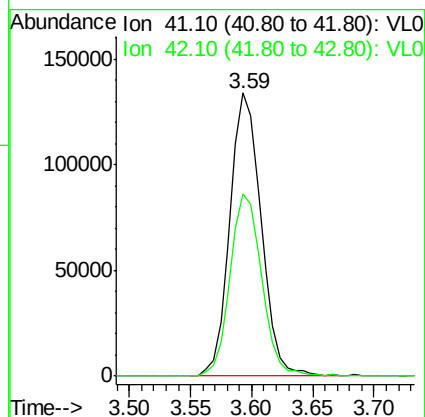
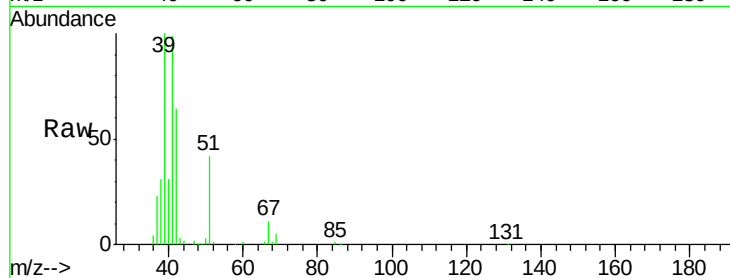
VL0707ABS01

Tgt Ion: 41 Resp: 236982

Ion Ratio Lower Upper

41 100

42 64.9 52.4 78.6



#10

Heptane

Concen: 8.98 ppbv

RT: 9.36 min Scan# 1029

Delta R.T. 0.01 min

Lab File: VL025613.D

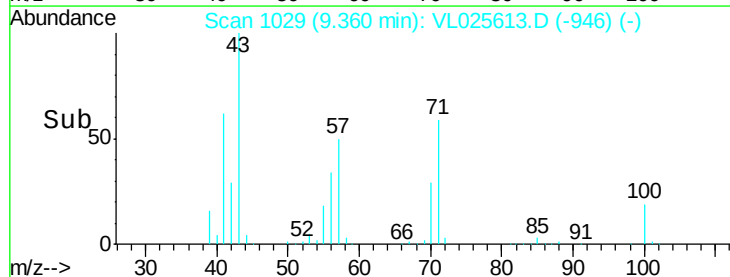
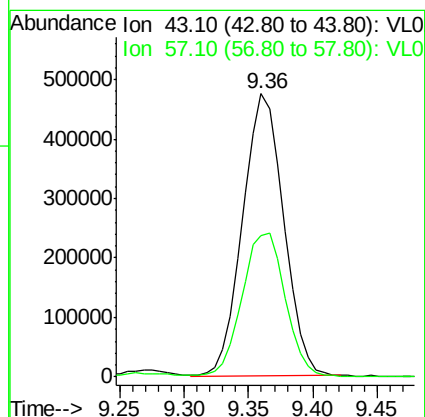
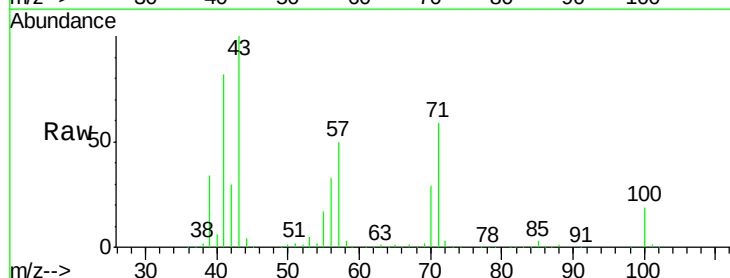
Acq: 7 Jul 2015 17:57

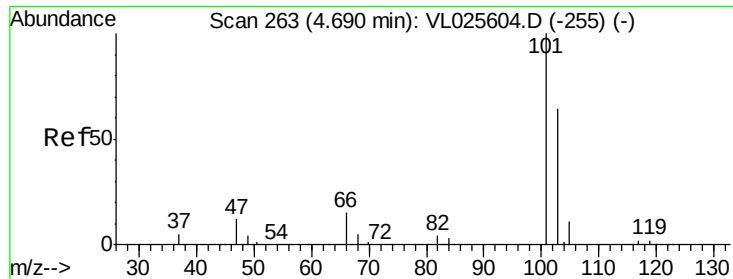
Tgt Ion: 43 Resp: 1046562

Ion Ratio Lower Upper

43 100

57 53.6 42.6 64.0

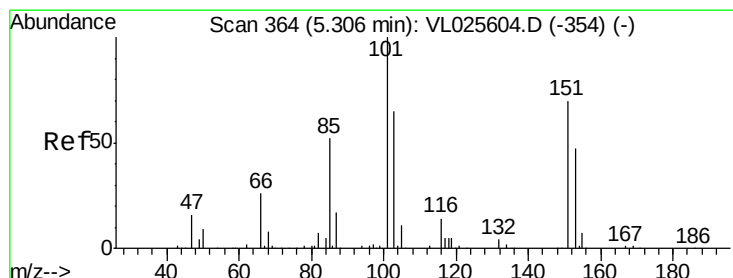
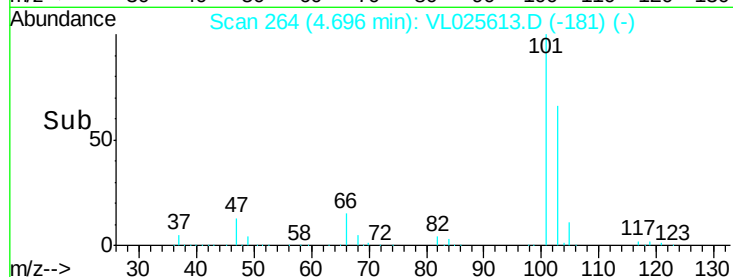
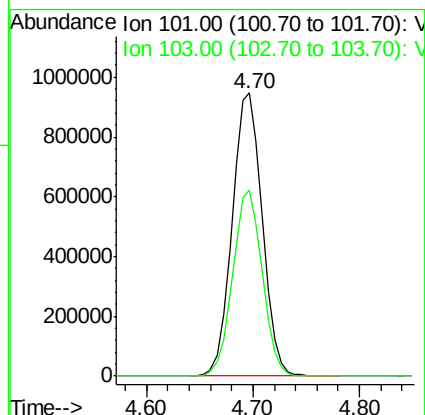
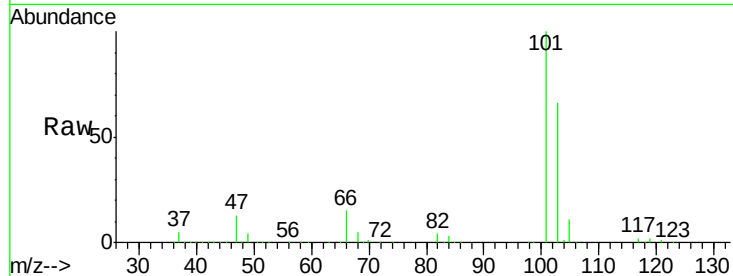




#11
 Trichlorofluoromethane
 Concen: 8.71 ppbv
 RT: 4.70 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

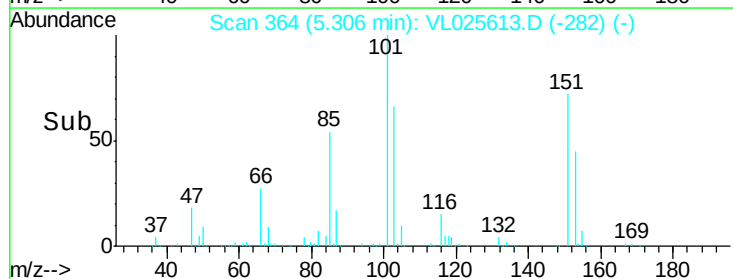
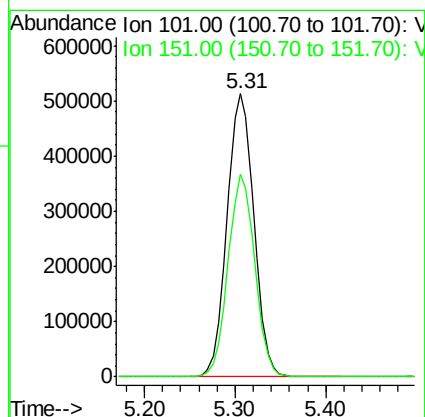
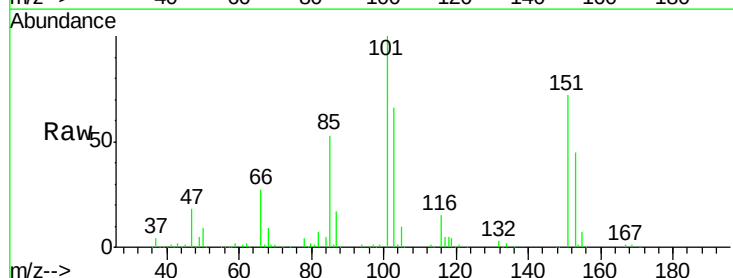
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

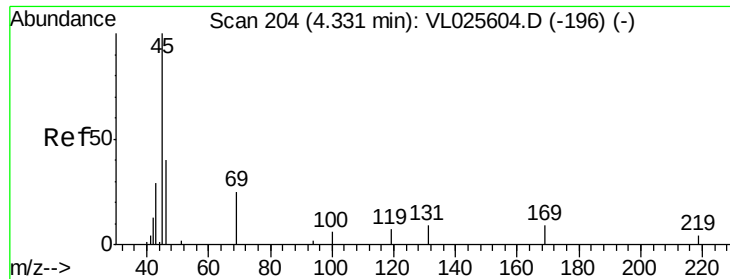
Tgt Ion:101 Resp: 1872239
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.57 ppbv
 RT: 5.31 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion:101 Resp: 1055616
 Ion Ratio Lower Upper
 101 100
 151 71.2 56.3 84.5





#13

Ethanol

Concen: 5.79 ppbv

RT: 4.33 min Scan# 204

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

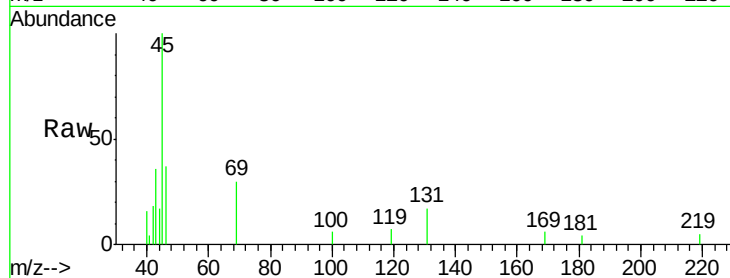
VL0707ABS01

Tgt Ion: 45 Resp: 26939

Ion Ratio Lower Upper

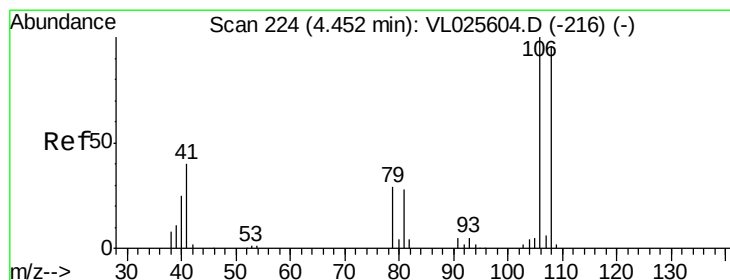
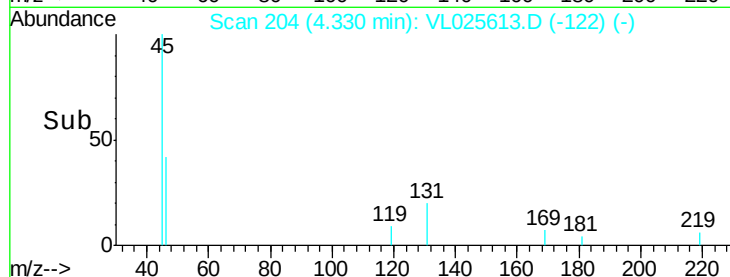
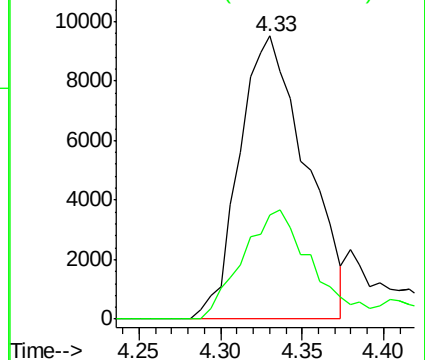
45 100

46 43.9 16.0 64.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 8.35 ppbv

RT: 4.45 min Scan# 224

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

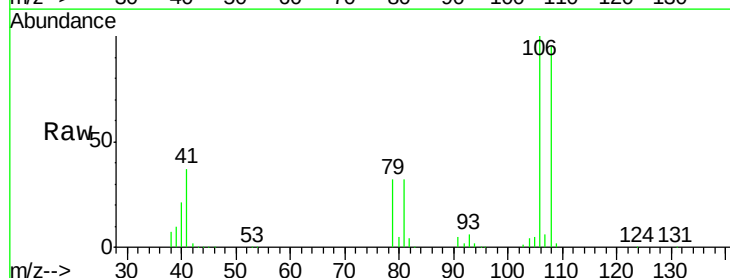
Tgt Ion: 108 Resp: 337421

Ion Ratio Lower Upper

108 100

106 107.8 85.7 128.5

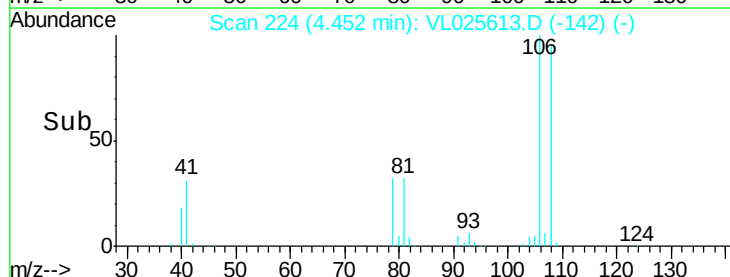
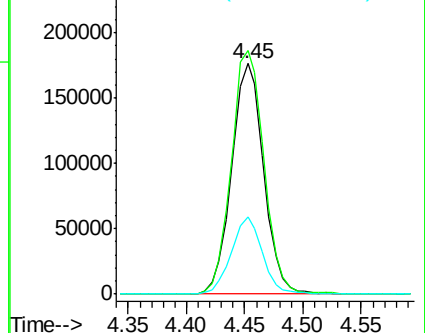
79 32.8 24.6 36.8

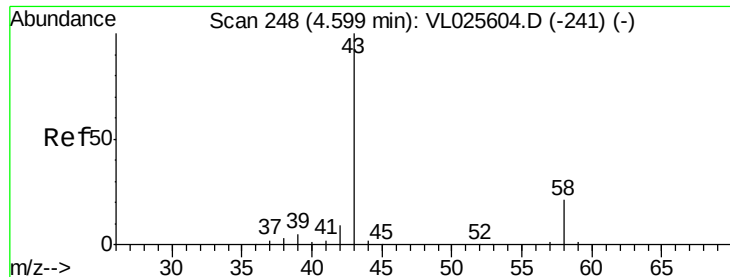


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 8.65 ppbv

RT: 4.60 min Scan# 248

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

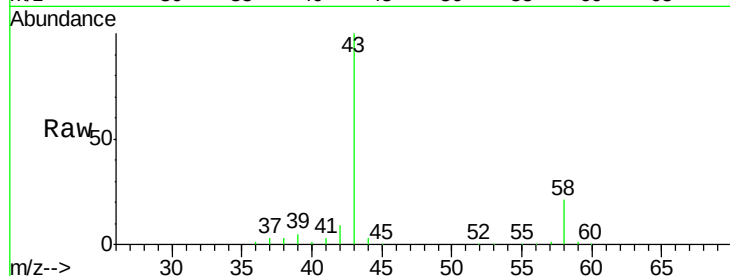
VL0707ABS01

Tgt Ion: 43 Resp: 976908

Ion Ratio Lower Upper

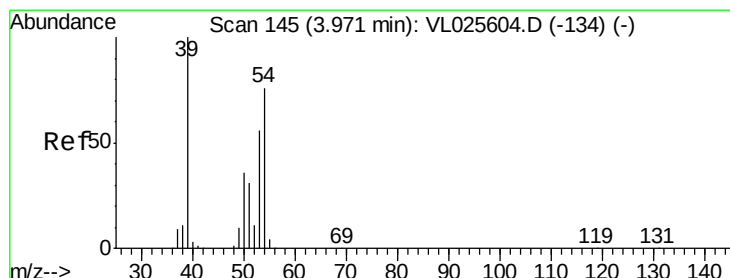
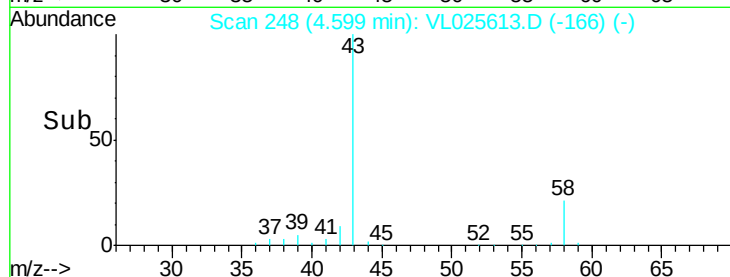
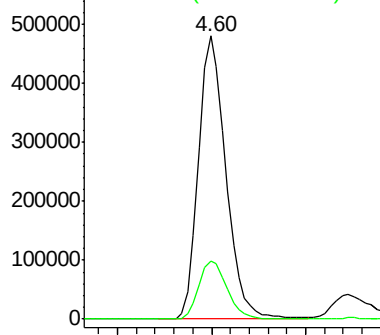
43 100

58 21.4 17.2 25.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 8.40 ppbv

RT: 3.96 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL025613.D

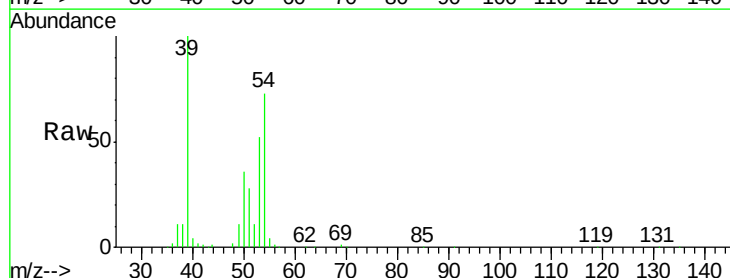
Acq: 7 Jul 2015 17:57

Tgt Ion: 39 Resp: 377576

Ion Ratio Lower Upper

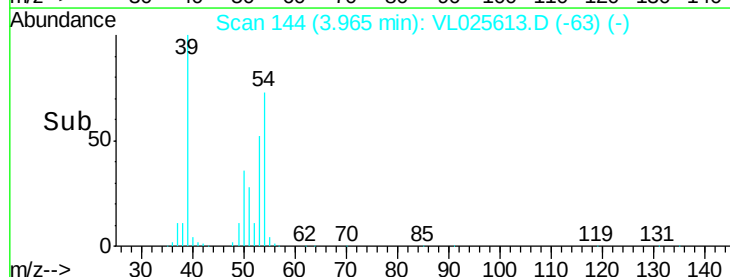
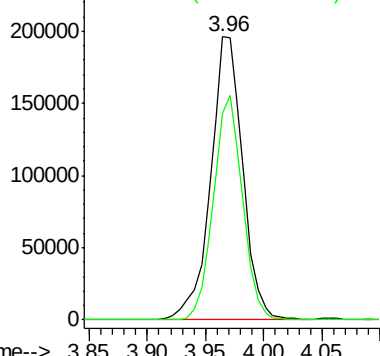
39 100

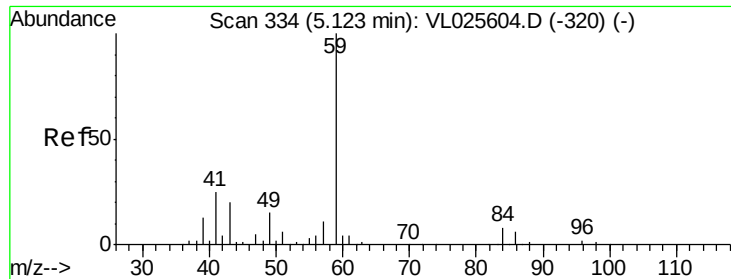
54 72.1 59.3 88.9



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

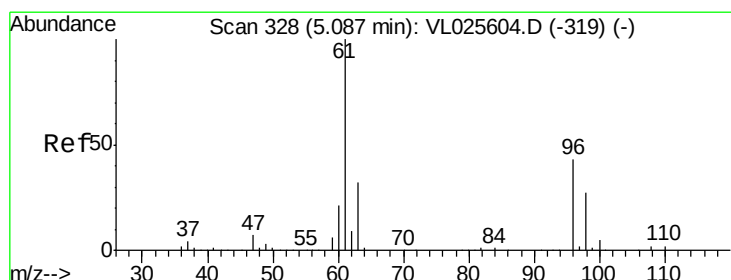
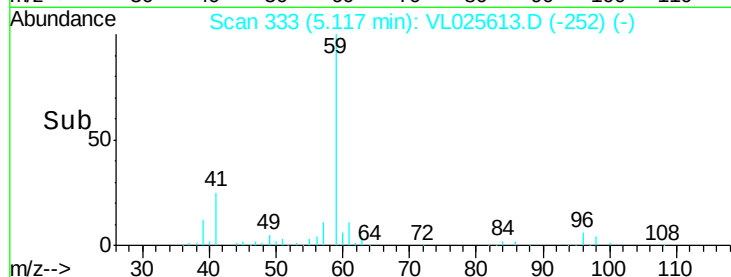
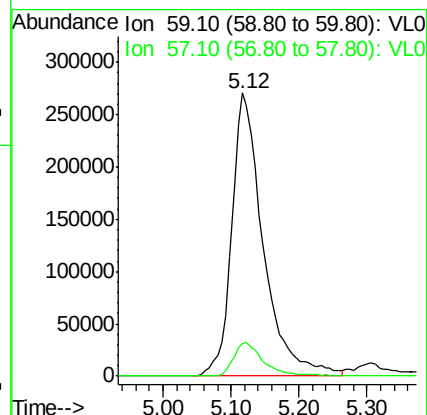
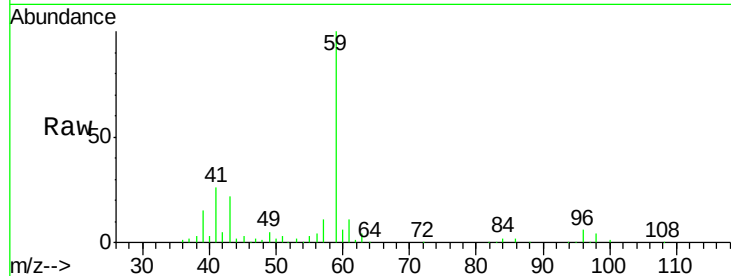




#17
 tert-Butyl alcohol
 Concen: 9.18 ppbv
 RT: 5.12 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

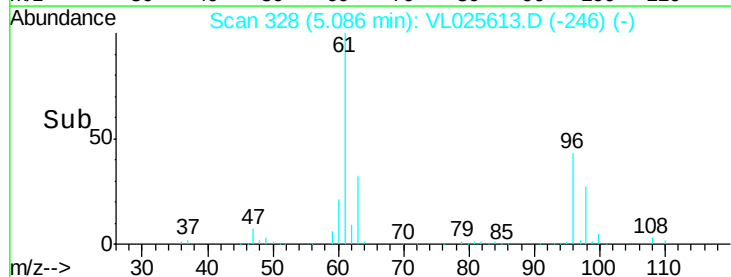
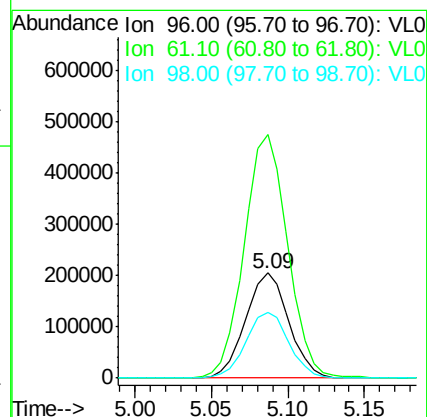
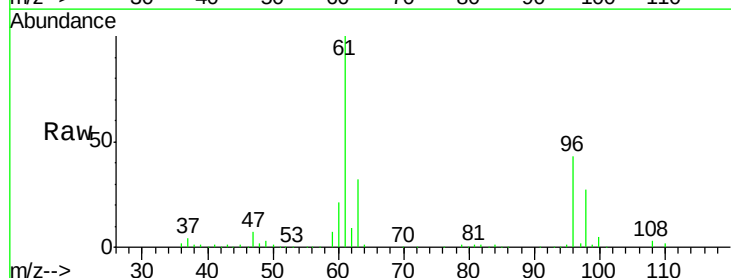
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

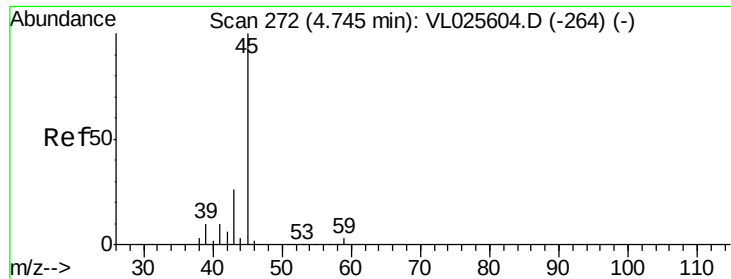
Tgt Ion: 59 Resp: 870158
 Ion Ratio Lower Upper
 59 100
 57 11.4 9.4 14.2



#18
 1,1-Dichloroethene
 Concen: 8.50 ppbv
 RT: 5.09 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 96 Resp: 401215
 Ion Ratio Lower Upper
 96 100
 61 231.0 184.1 276.1
 98 63.0 50.0 75.0





#19

Isopropyl Alcohol

Concen: 7.72 ppbv

RT: 4.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

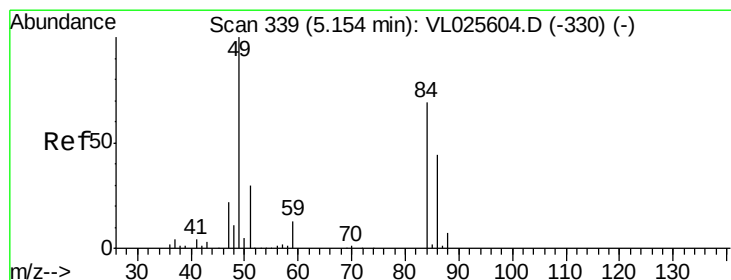
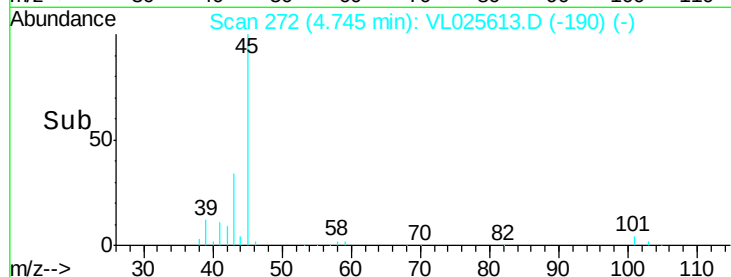
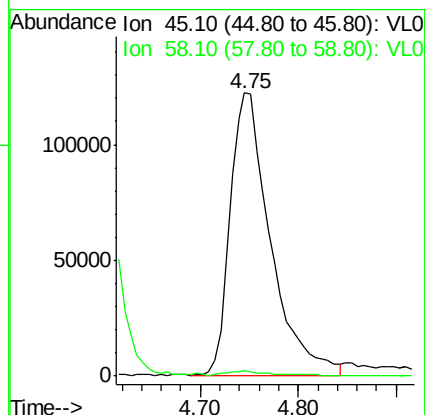
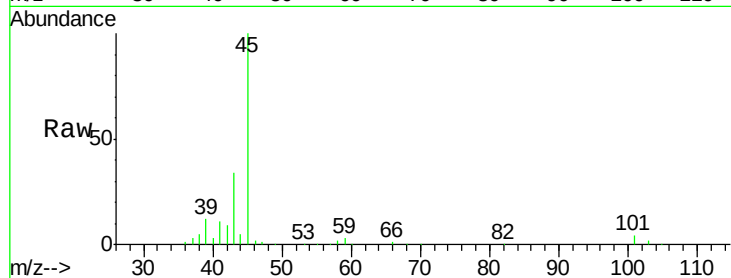
VL0707ABS01

Tgt Ion: 45 Resp: 347921

Ion Ratio Lower Upper

45 100

58 2.4 1.1 1.7#



#20

Methylene Chloride

Concen: 7.95 ppbv

RT: 5.15 min Scan# 338

Delta R.T. -0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 84 Resp: 364693

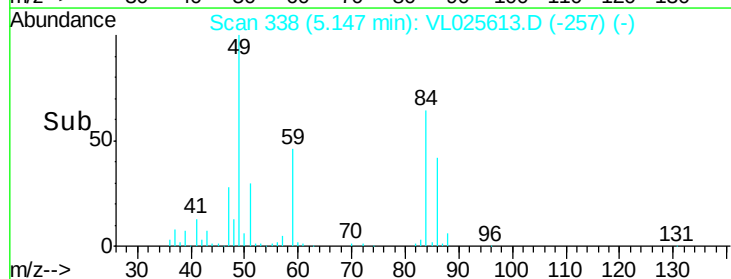
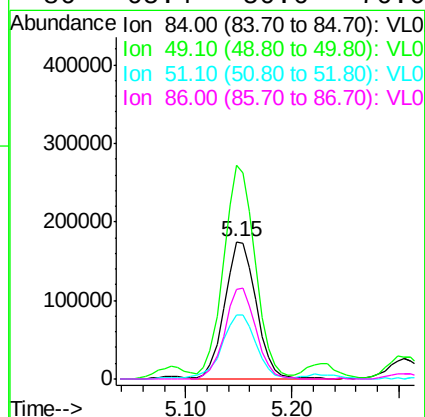
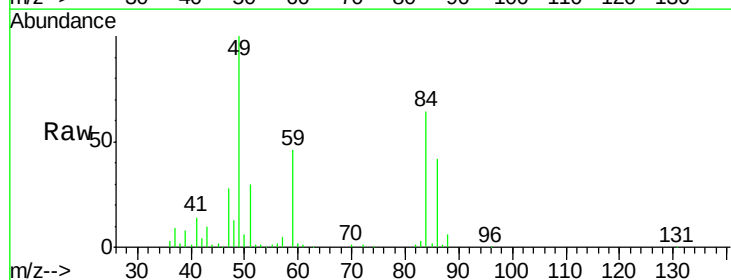
Ion Ratio Lower Upper

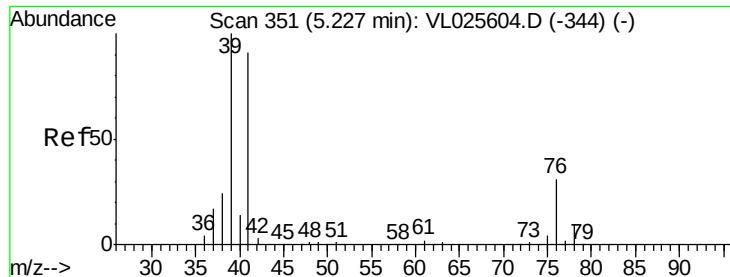
84 100

49 151.5 115.2 172.8

51 44.9 35.0 52.6

86 65.4 50.6 76.0

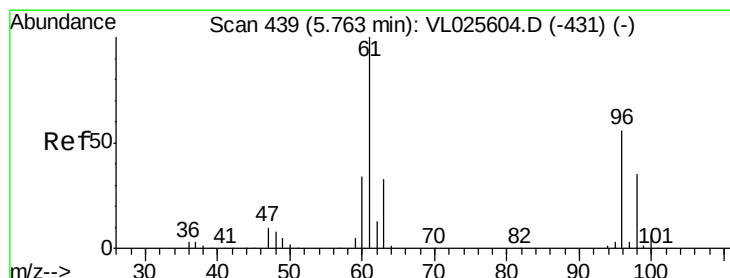
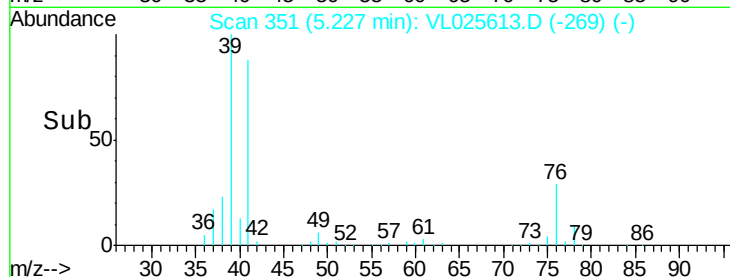
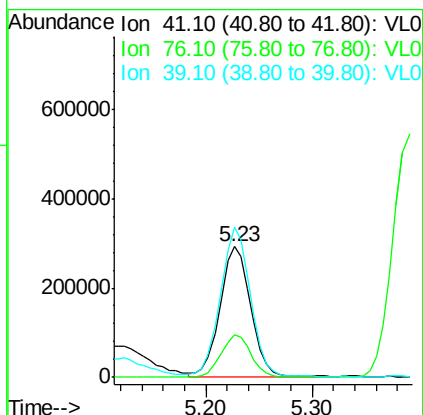
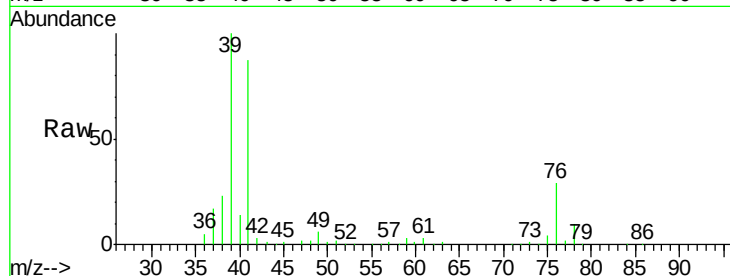




#21
 Allyl Chloride
 Concen: 8.23 ppbv
 RT: 5.23 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

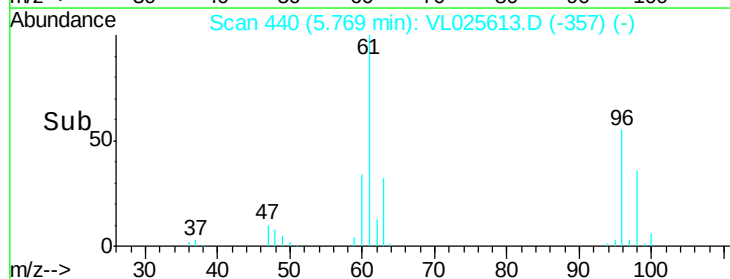
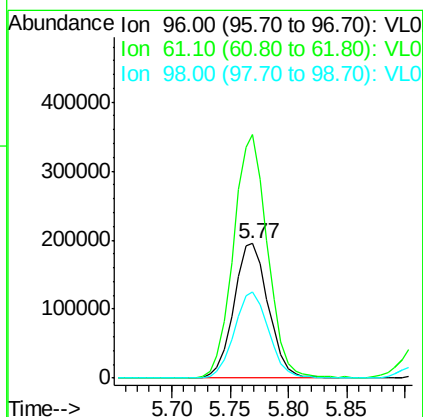
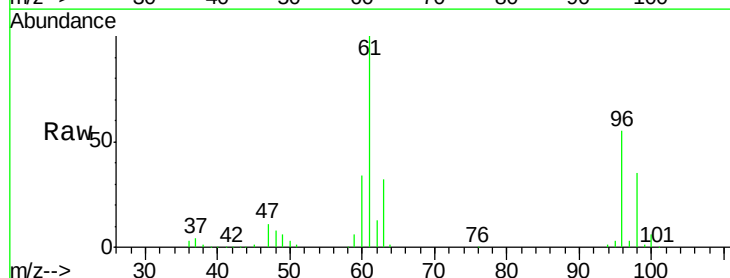
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

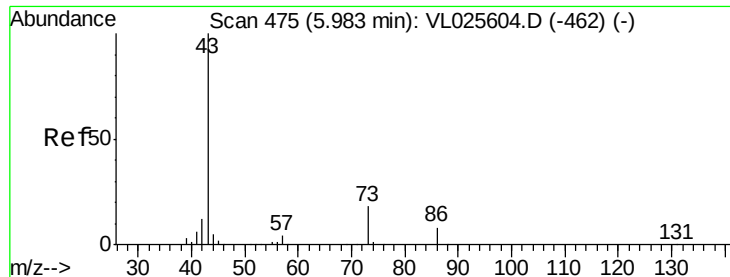
Tgt Ion: 41 Resp: 582068
 Ion Ratio Lower Upper
 41 100
 76 32.4 26.6 40.0
 39 114.1 88.2 132.4



#22
 trans-1,2-Dichloroethene
 Concen: 8.38 ppbv
 RT: 5.77 min Scan# 440
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 96 Resp: 403824
 Ion Ratio Lower Upper
 96 100
 61 181.3 141.8 212.6
 98 64.3 49.0 73.6





#23

Vinyl Acetate

Concen: 8.93 ppbv

RT: 5.99 min Scan# 476

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

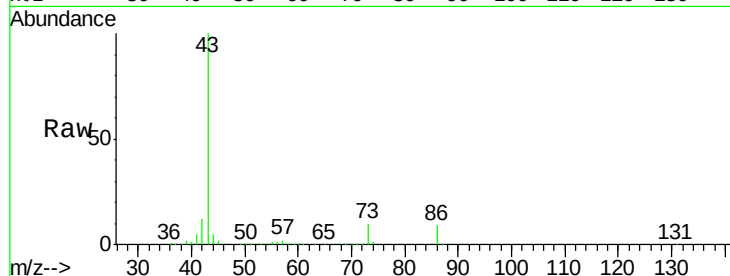
MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 43 Resp: 1528431

Ion	Ratio	Lower	Upper
43	100		
86	8.6	6.7	10.1
42	12.1	9.8	14.6
44	4.8	4.1	6.1

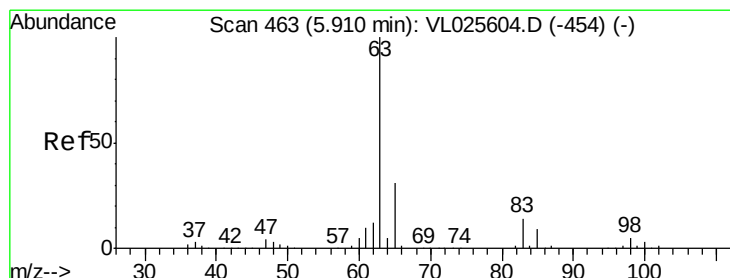
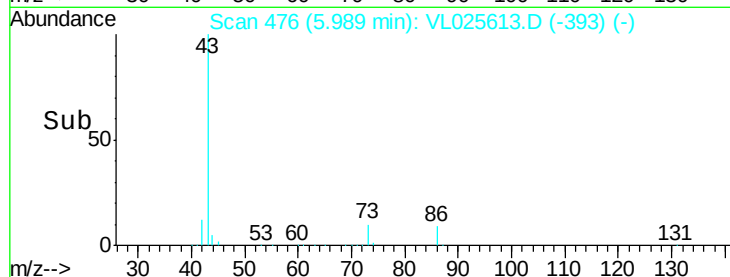


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.48 ppbv

RT: 5.92 min Scan# 464

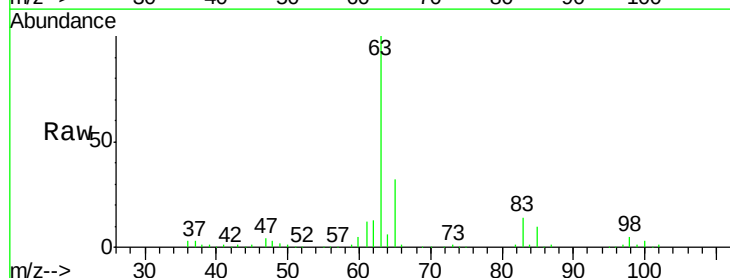
Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 63 Resp: 973162

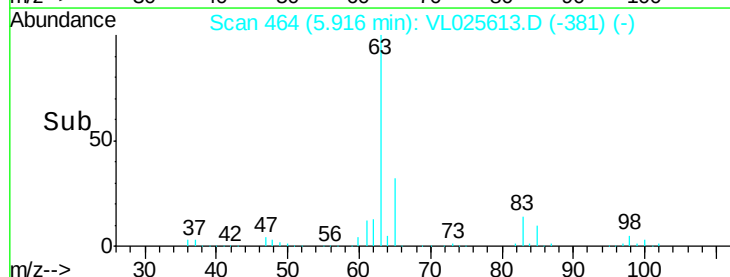
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.6	8.0
100	3.4	1.6	4.7

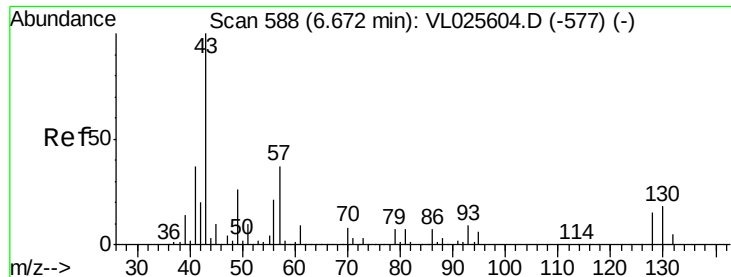


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 8.70 ppbv

RT: 6.67 min Scan# 588

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 43 Resp: 1487523

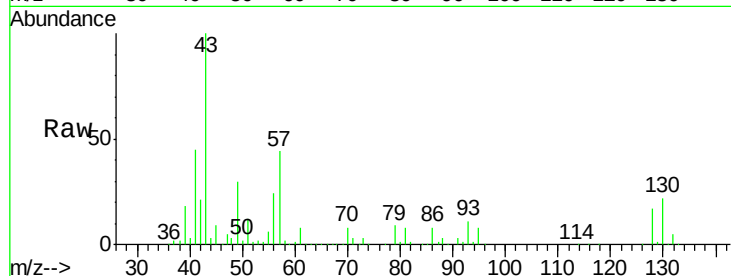
Ion Ratio Lower Upper

43 100

45 9.0 7.5 11.3

61 8.3 6.6 10.0

70 7.2 6.0 9.0

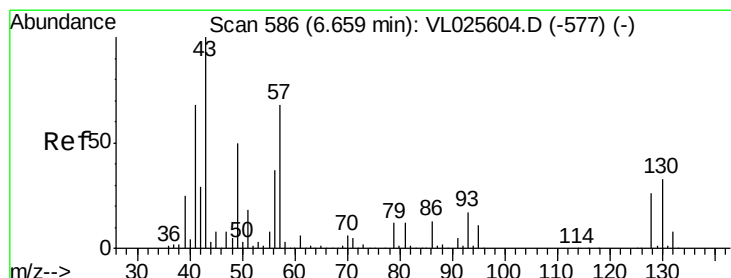
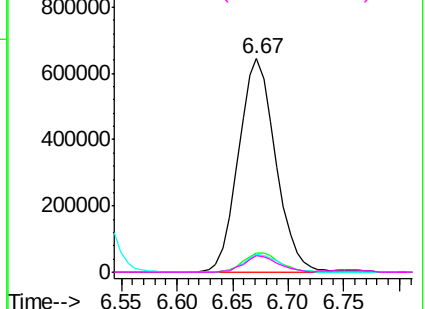
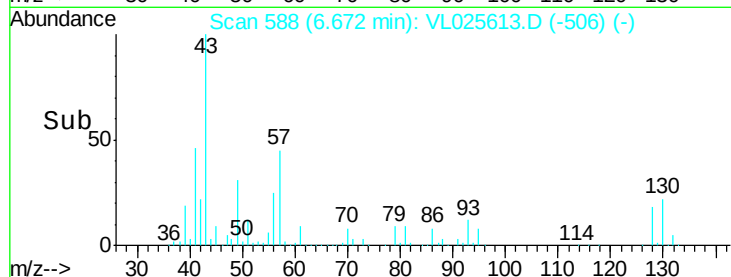


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.64 ppbv

RT: 6.67 min Scan# 587

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 57 Resp: 695159

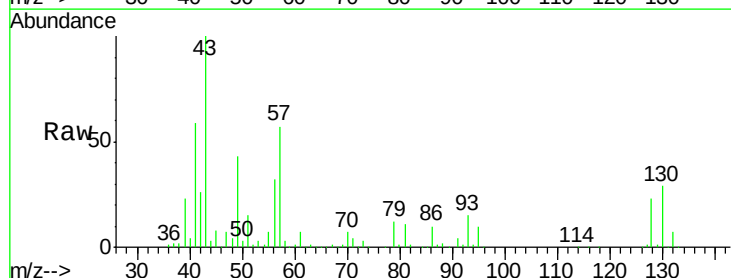
Ion Ratio Lower Upper

57 100

41 109.1 81.4 122.2

43 215.8 171.4 257.2

56 56.1 44.5 66.7

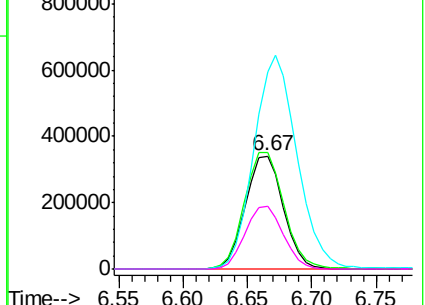
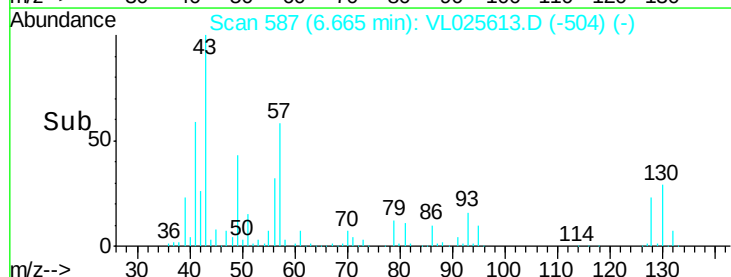


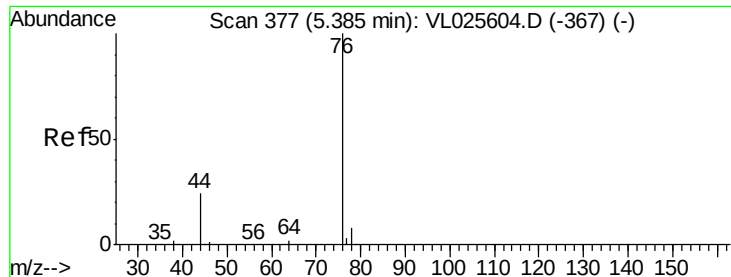
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 8.61 ppbv

RT: 5.39 min Scan# 378

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

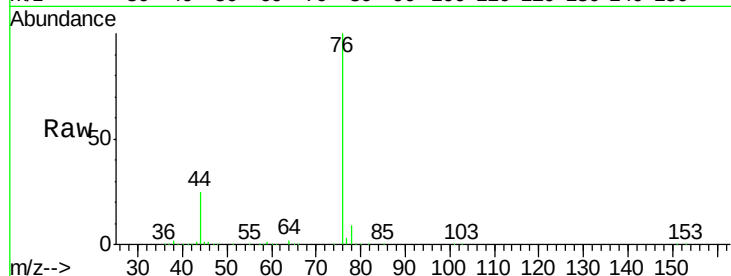
Tgt Ion: 76 Resp: 1122881

Ion Ratio Lower Upper

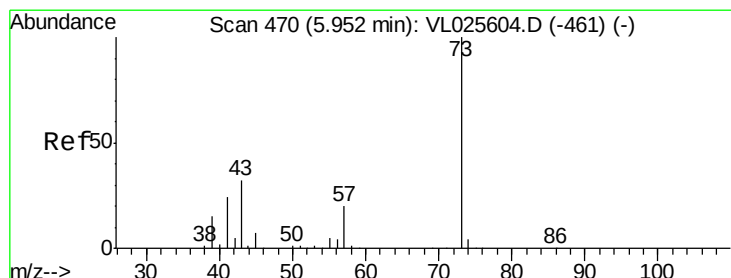
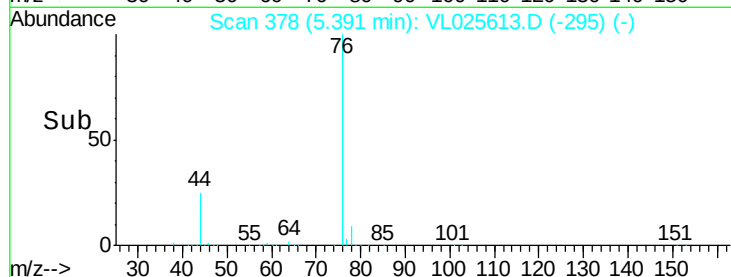
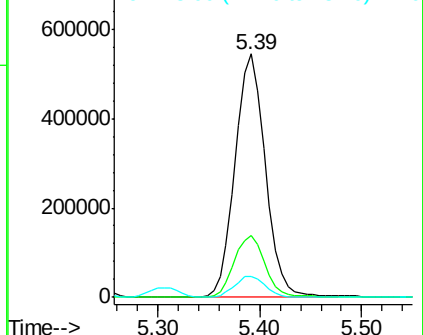
76 100

44 25.7 20.2 30.4

78 9.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.95 ppbv

RT: 5.95 min Scan# 470

Delta R.T. -0.00 min

Lab File: VL025613.D

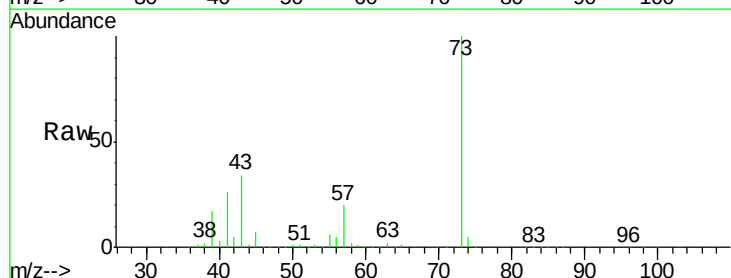
Acq: 7 Jul 2015 17:57

Tgt Ion: 73 Resp: 1431708

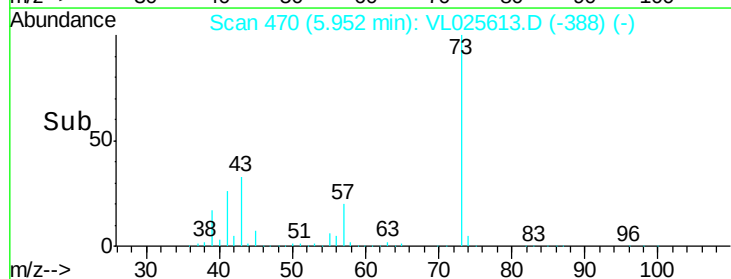
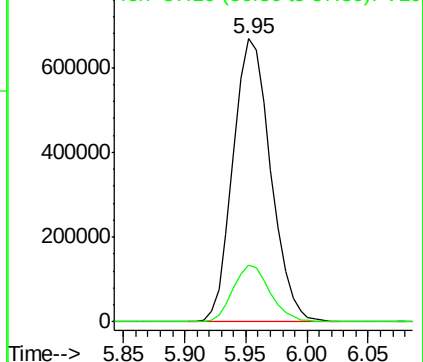
Ion Ratio Lower Upper

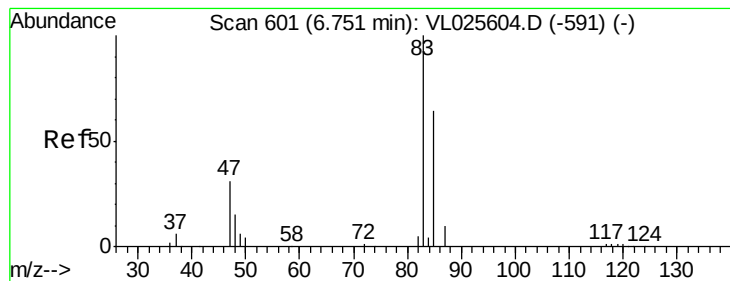
73 100

57 19.9 16.0 24.0



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 8.67 ppbv

RT: 6.75 min Scan# 601

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

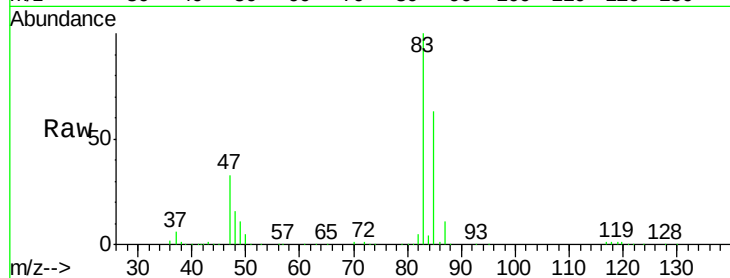
VL0707ABS01

Tgt Ion: 83 Resp: 1377925

Ion Ratio Lower Upper

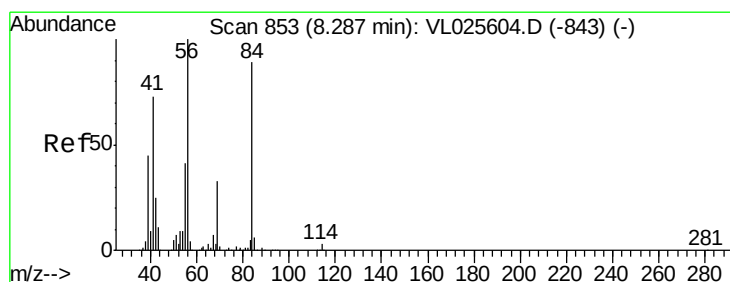
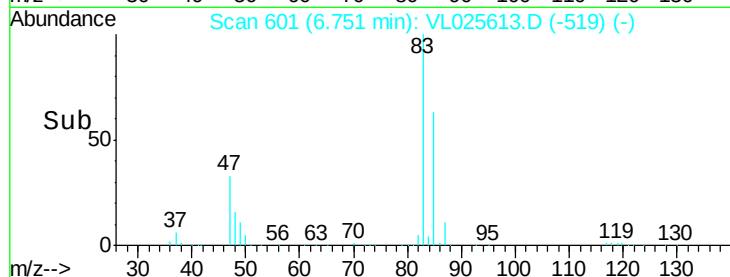
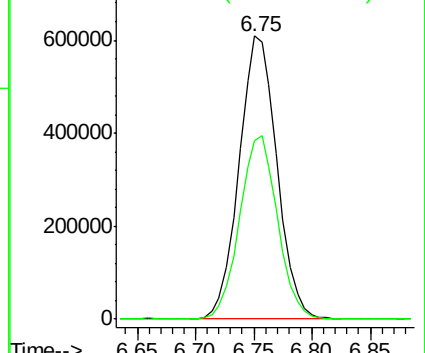
83 100

85 63.1 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 8.98 ppbv

RT: 8.29 min Scan# 854

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

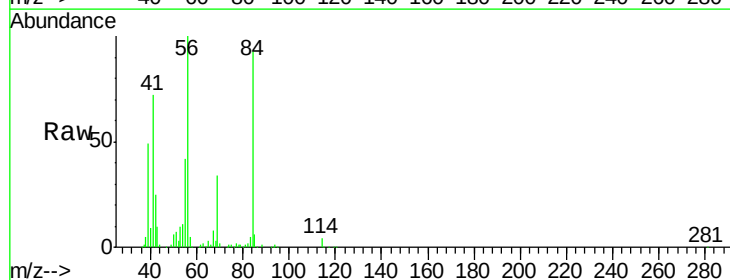
Tgt Ion: 84 Resp: 690952

Ion Ratio Lower Upper

84 100

56 119.3 97.5 146.3

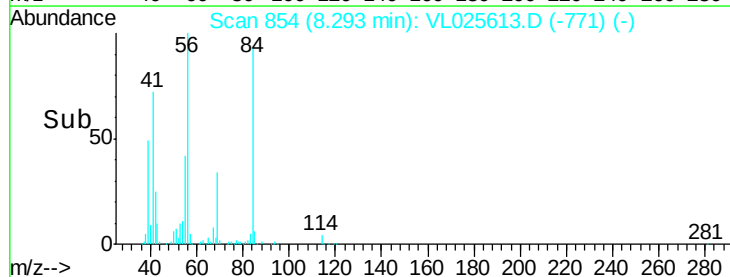
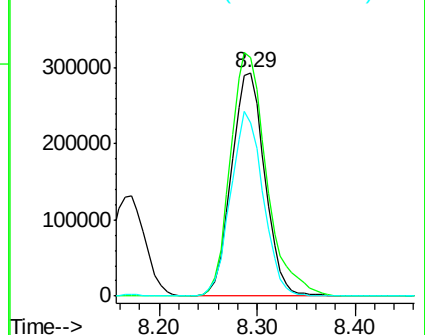
41 81.1 65.4 98.2

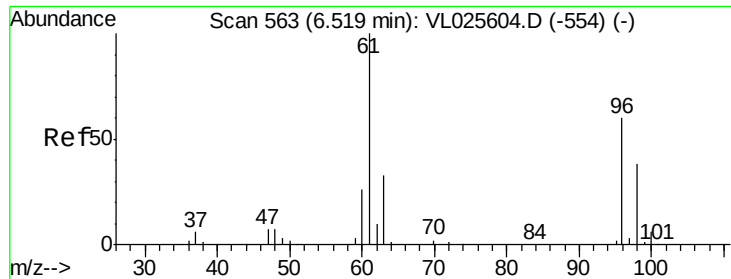


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 9.01 ppbv

RT: 6.53 min Scan# 564

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

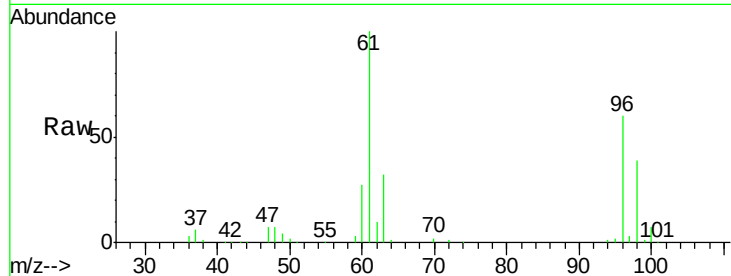
Tgt Ion: 61 Resp: 720952

Ion Ratio Lower Upper

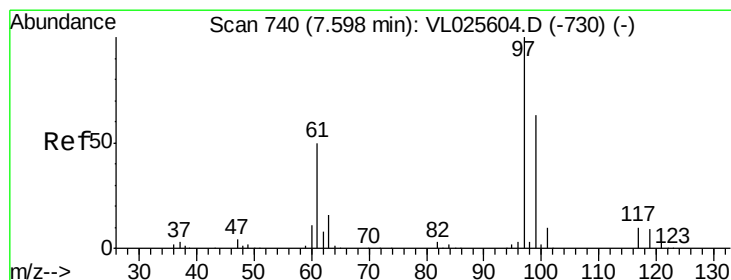
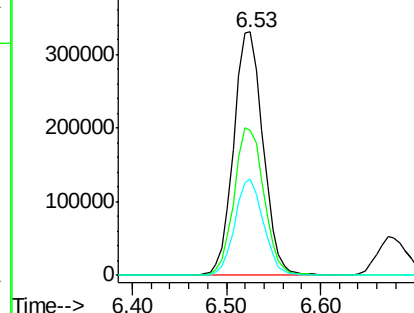
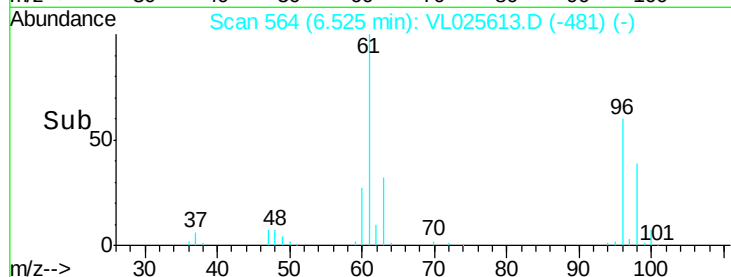
61 100

96 59.7 48.1 72.1

98 39.4 30.7 46.1



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



#32

1,1,1-Trichloroethane

Concen: 8.96 ppbv

RT: 7.60 min Scan# 741

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

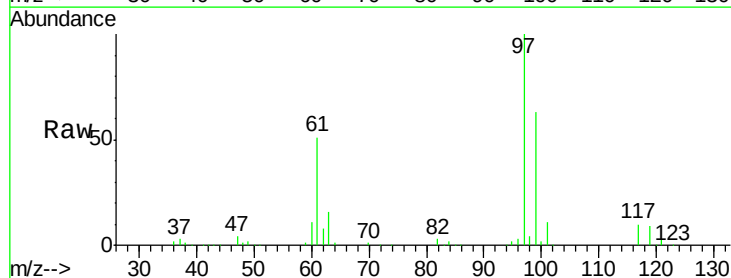
Tgt Ion: 97 Resp: 1547655

Ion Ratio Lower Upper

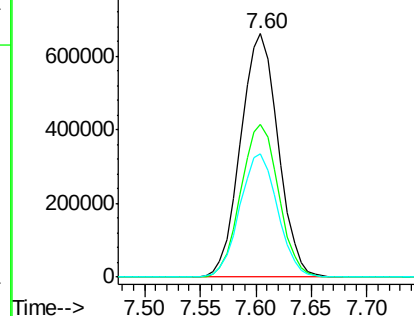
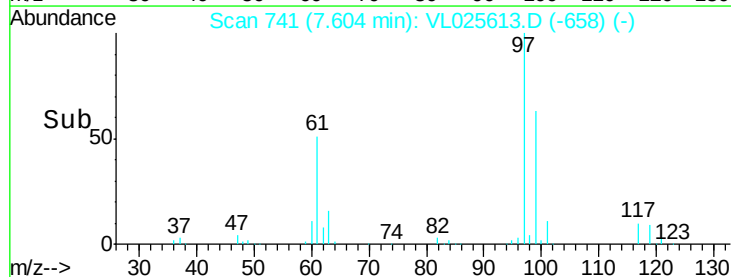
97 100

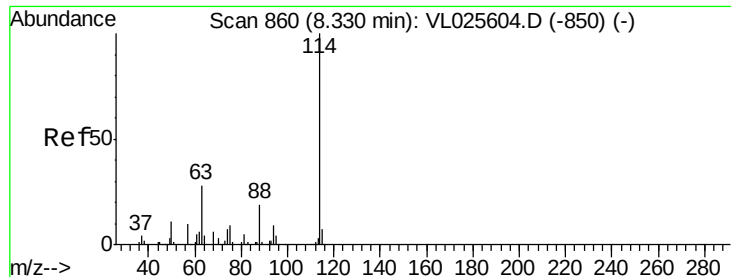
99 63.4 51.2 76.8

61 51.1 40.4 60.6



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0

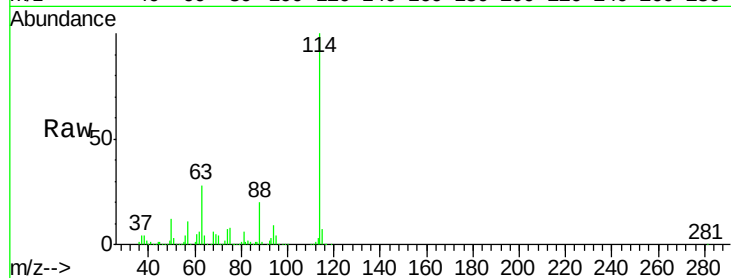




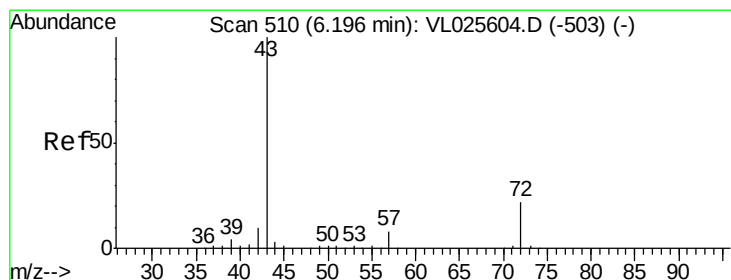
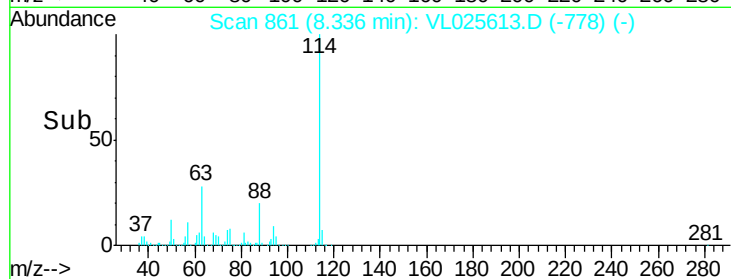
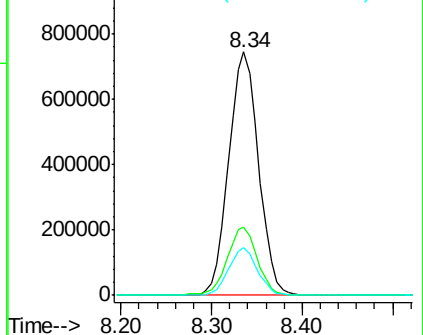
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion:114 Resp: 1698282
 Ion Ratio Lower Upper
 114 100
 63 28.4 22.4 33.6
 88 18.9 15.0 22.4

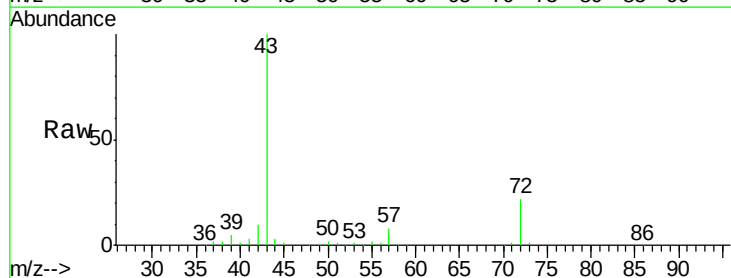


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

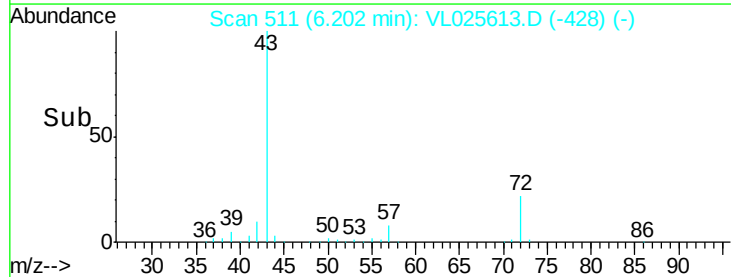
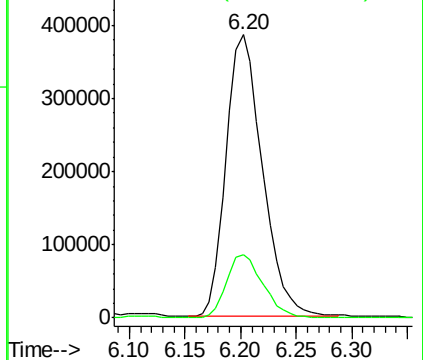


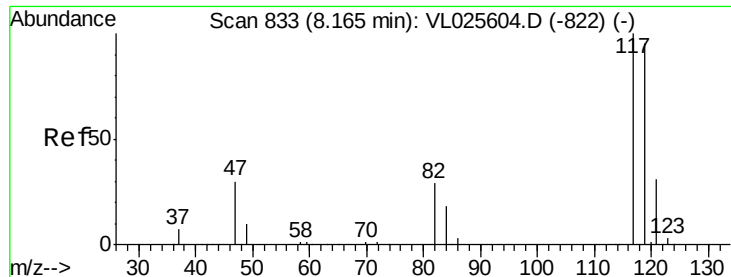
#34
 2-Butanone
 Concen: 9.12 ppbv
 RT: 6.20 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 43 Resp: 879012
 Ion Ratio Lower Upper
 43 100
 72 22.6 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: 9.20 ppbv

RT: 8.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

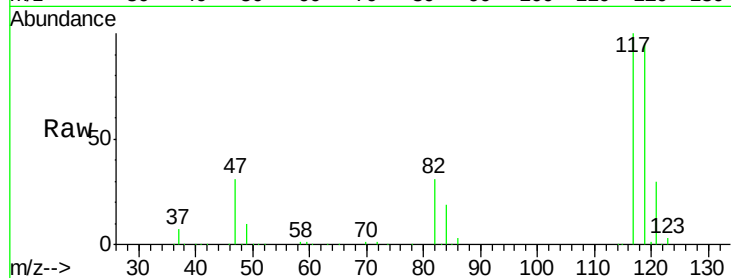
Tgt Ion:117 Resp: 1664619

Ion Ratio Lower Upper

117 100

119 95.1 75.9 113.9

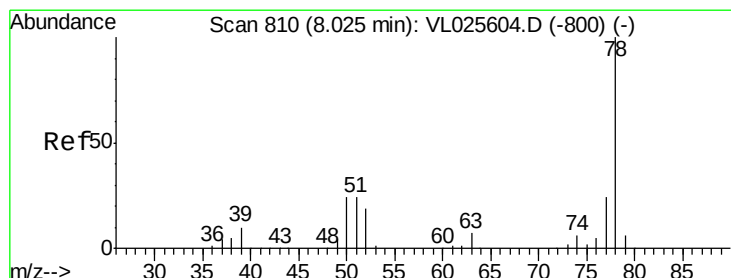
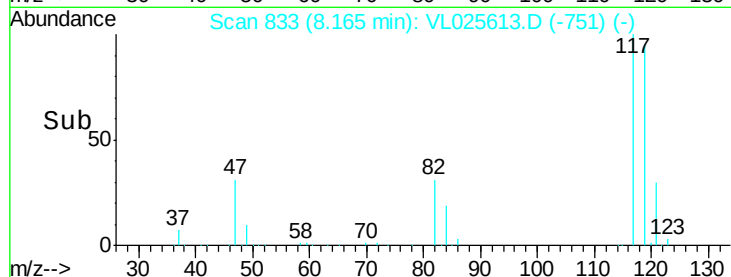
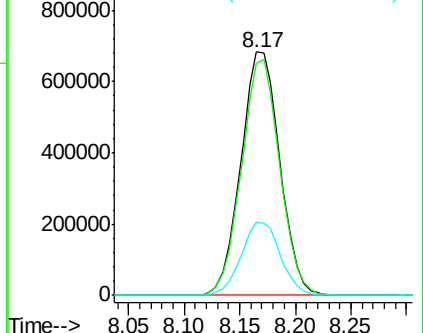
121 30.3 24.4 36.6



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: 9.03 ppbv

RT: 8.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

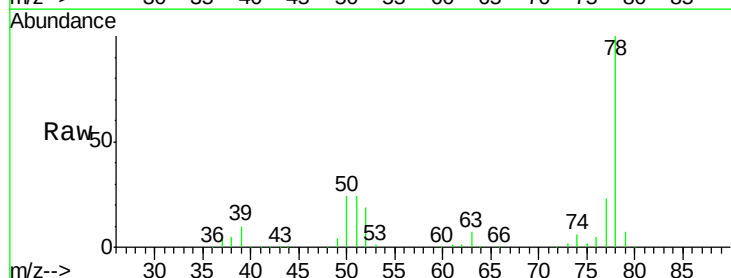
Tgt Ion: 78 Resp: 1467915

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4

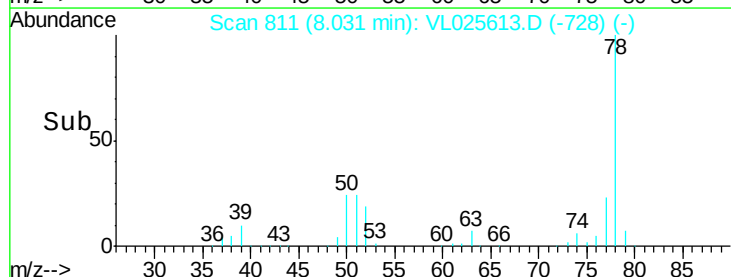
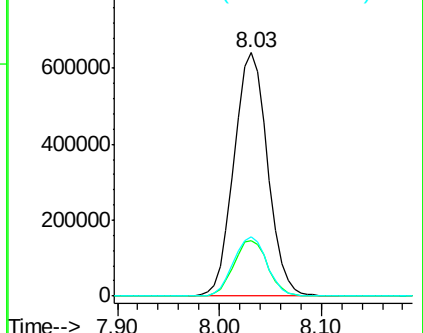
50 24.3 19.2 28.8

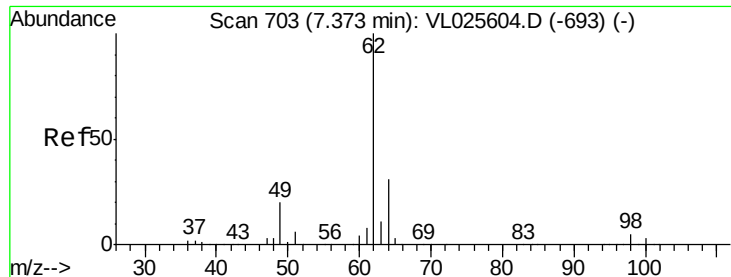


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

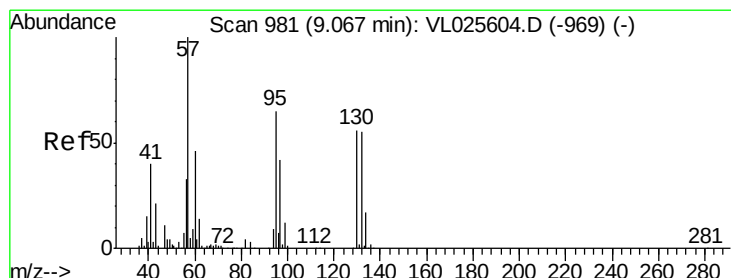
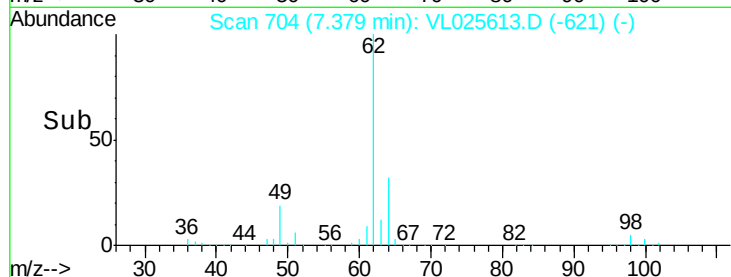
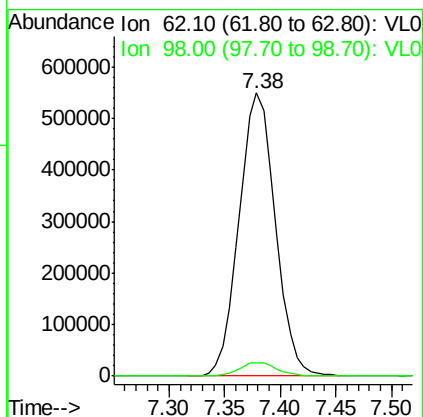
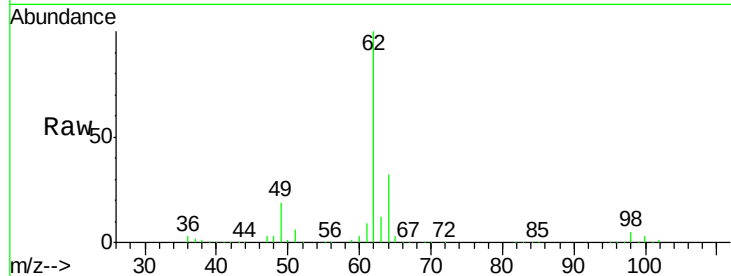




#37
 1,2-Dichloroethane
 Concen: 8.99 ppbv
 RT: 7.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

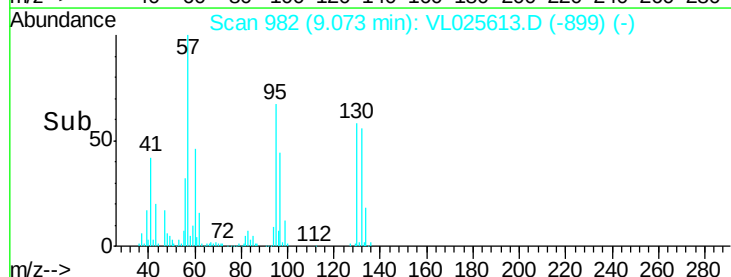
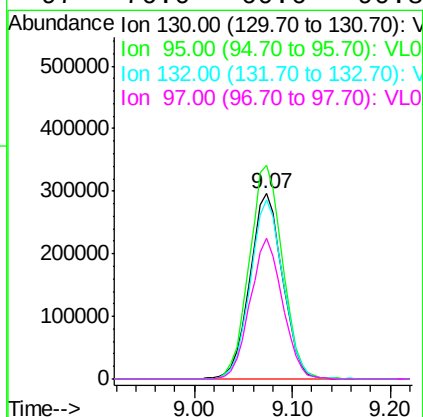
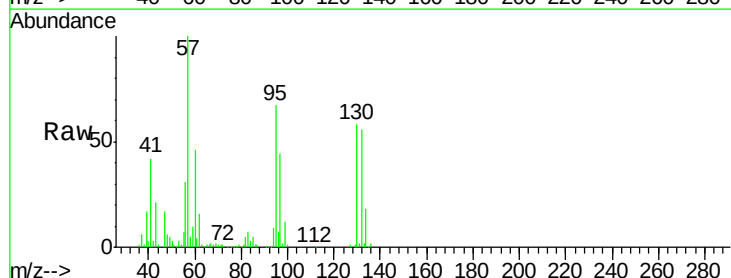
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

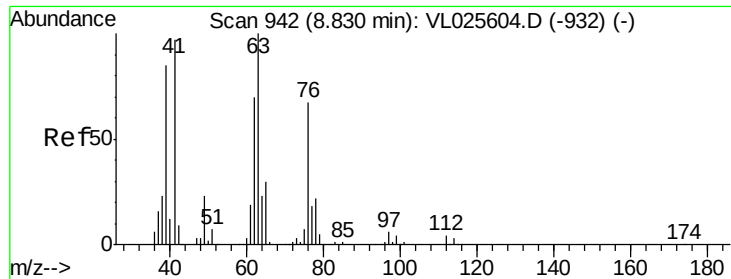
Tgt Ion: 62 Resp: 1248305
 Ion Ratio Lower Upper
 62 100
 98 5.0 4.1 6.1



#38
 Trichloroethene
 Concen: 9.14 ppbv
 RT: 9.07 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 130 Resp: 691467
 Ion Ratio Lower Upper
 130 100
 95 115.4 94.2 141.4
 132 96.6 78.6 118.0
 97 76.0 60.6 90.8

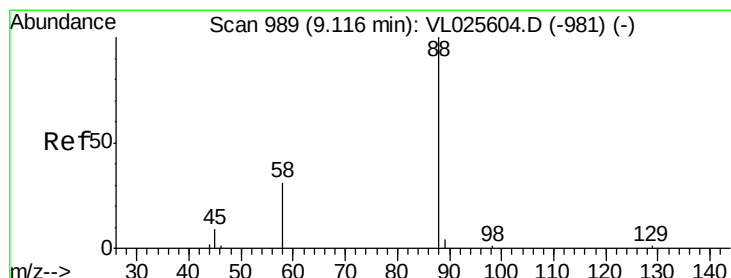
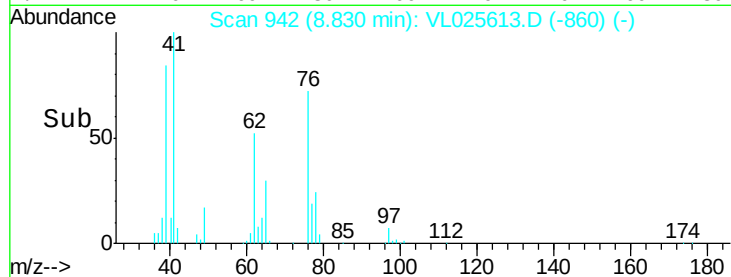
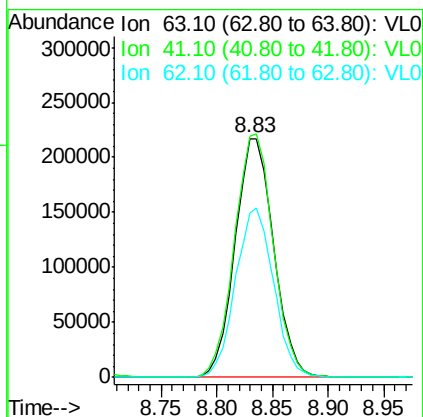
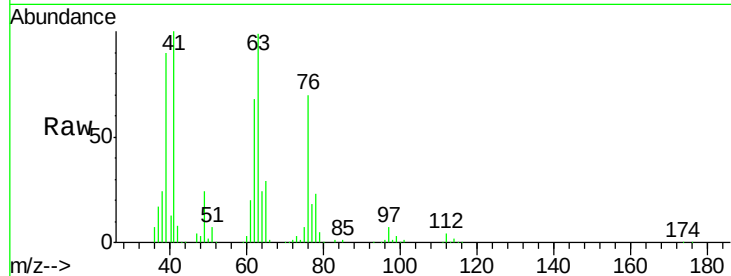




#39
 1,2-Dichloropropane
 Concen: 8.71 ppbv
 RT: 8.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

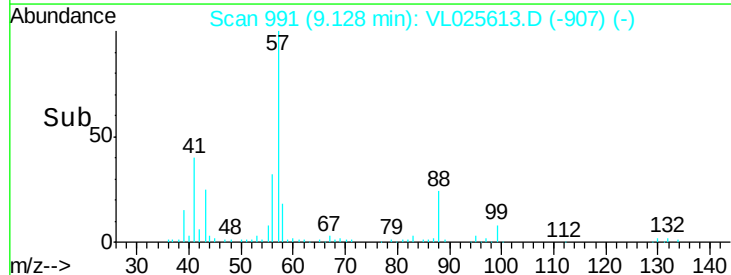
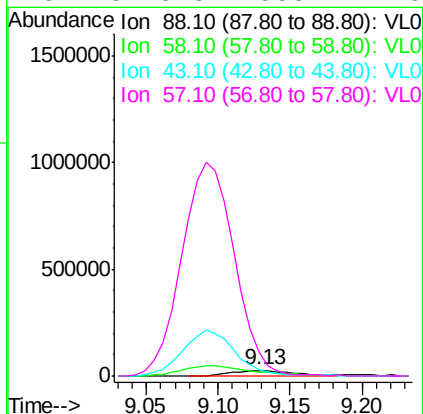
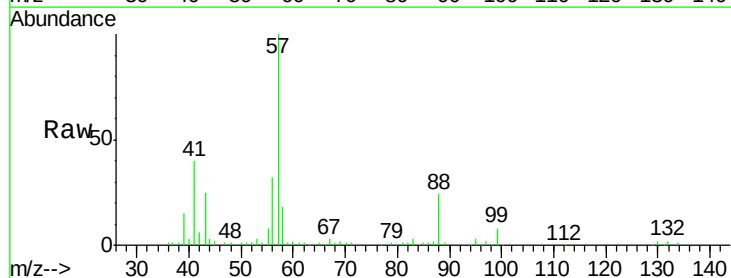
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

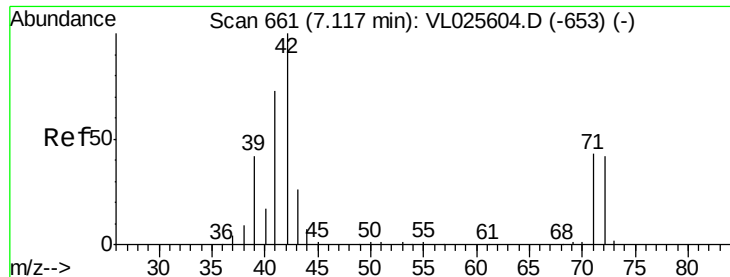
Tgt Ion: 63 Resp: 523261
 Ion Ratio Lower Upper
 63 100
 41 100.8 78.0 117.0
 62 68.5 55.7 83.5



#40
 1,4-Dioxane
 Concen: 8.51 ppbv
 RT: 9.13 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 88 Resp: 80211
 Ion Ratio Lower Upper
 88 100
 58 221.0 127.1 190.7#
 43 684.0 337.7 506.5#
 57 3175.8 1533.2 2299.8#





#41

Tetrahydrofuran

Concen: 9.19 ppbv

RT: 7.12 min Scan# 662

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

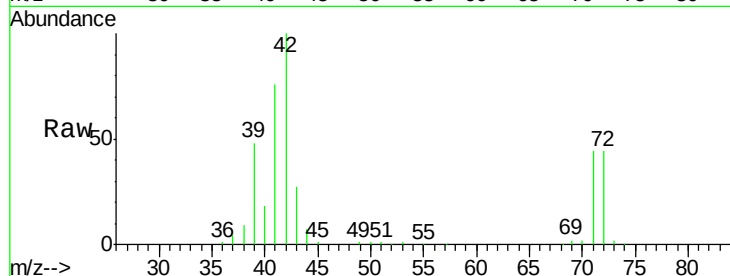
Tgt Ion: 42 Resp: 442140

Ion Ratio Lower Upper

42 100

72 43.0 34.0 51.0

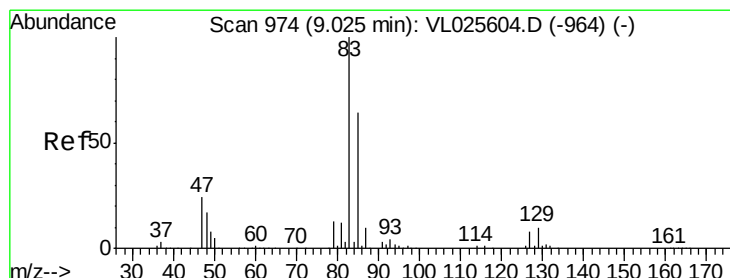
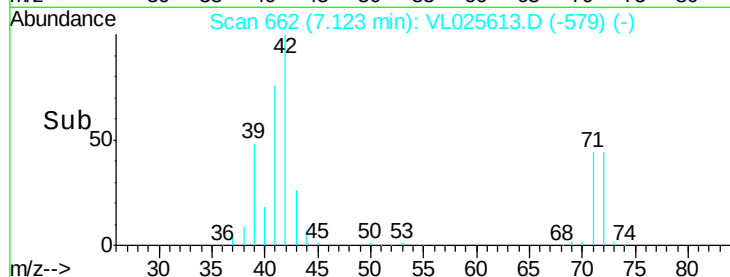
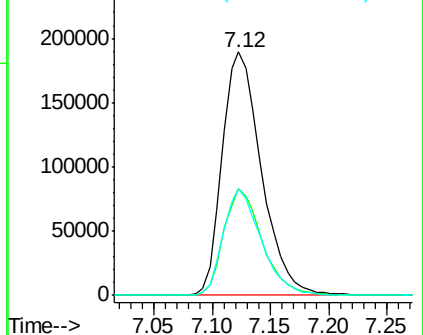
71 42.4 33.0 49.6



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.27 ppbv

RT: 9.03 min Scan# 975

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

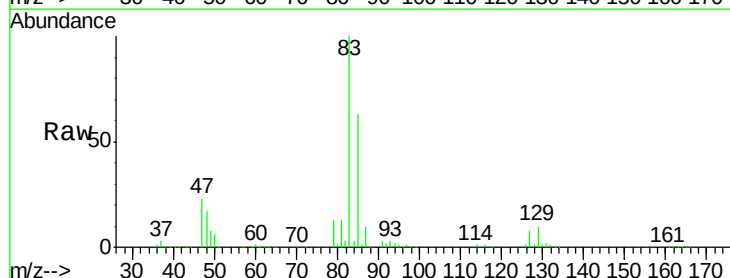
Tgt Ion: 83 Resp: 1552667

Ion Ratio Lower Upper

83 100

85 63.0 51.3 76.9

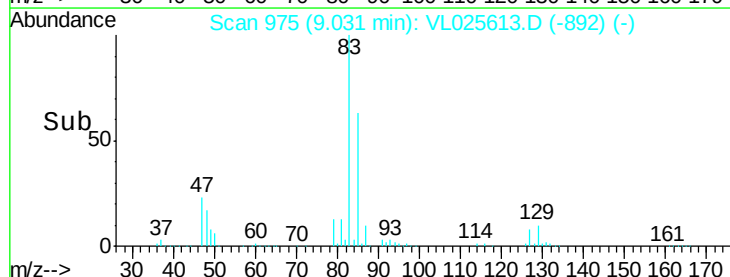
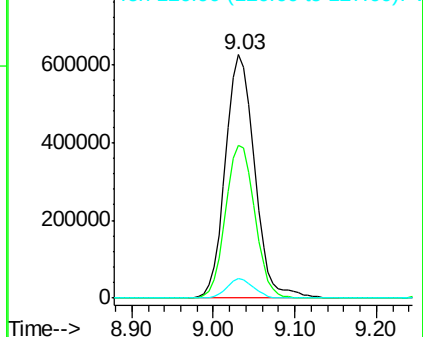
127 8.0 6.0 9.0

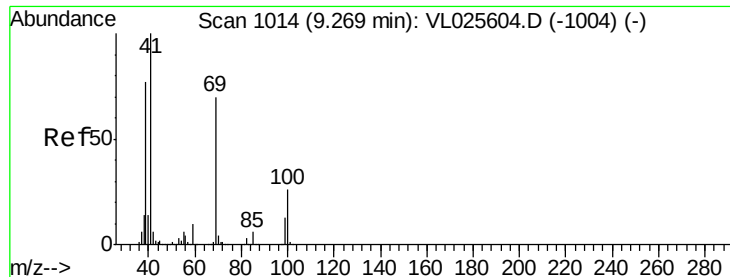


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

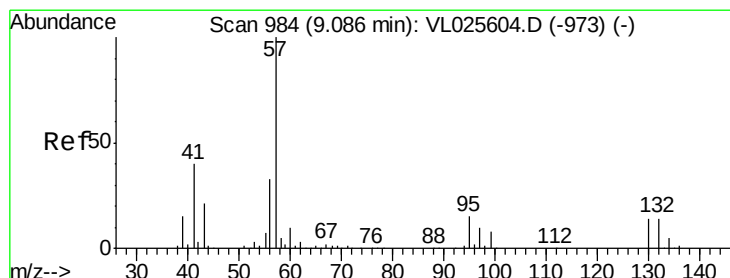
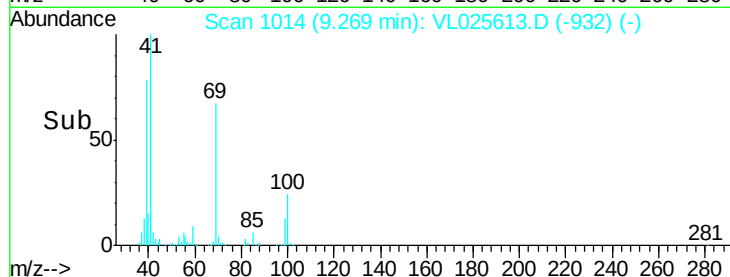
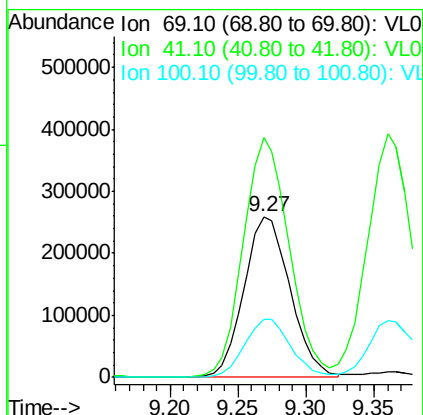
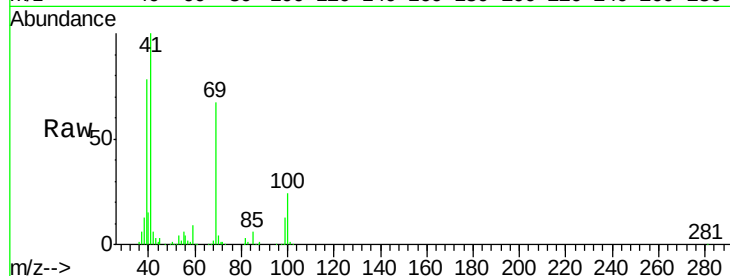




#43
Methyl Methacrylate
Concen: 9.88 ppbv
RT: 9.27 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

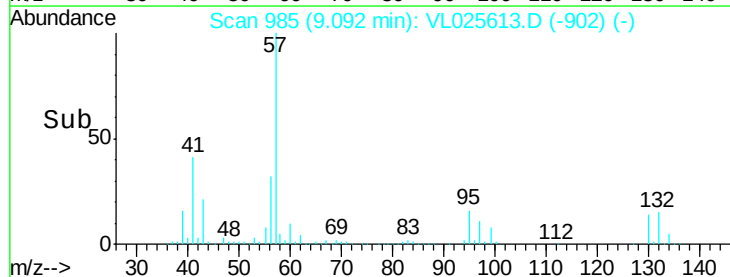
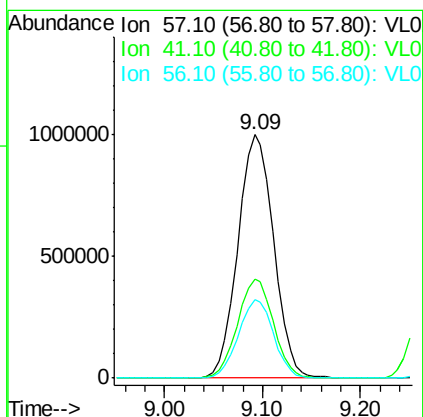
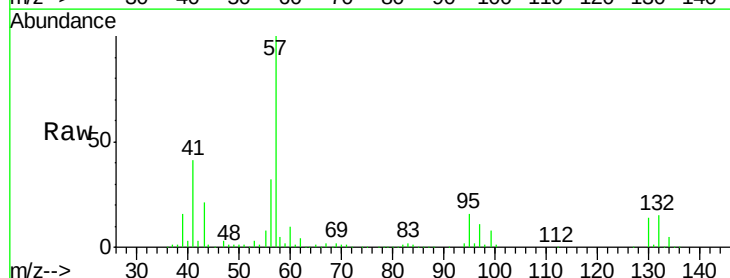
Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

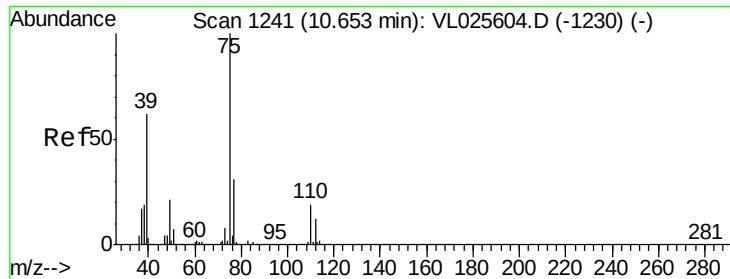
Tgt Ion: 69 Resp: 616606
Ion Ratio Lower Upper
69 100
41 148.7 117.3 175.9
100 36.1 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 9.12 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 57 Resp: 2543140
Ion Ratio Lower Upper
57 100
41 40.6 31.2 46.8
56 31.8 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 9.69 ppbv

RT: 10.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

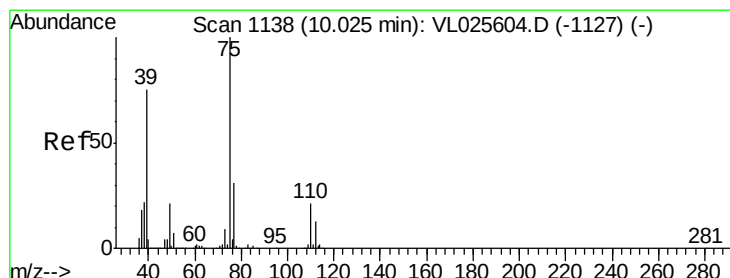
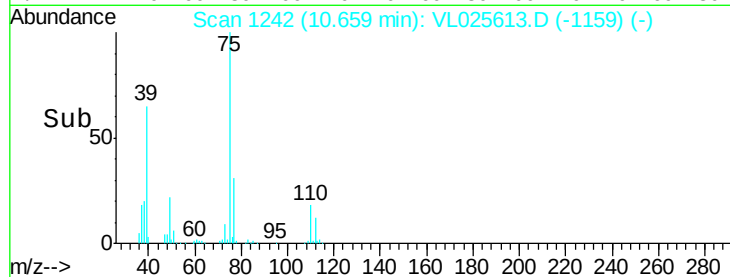
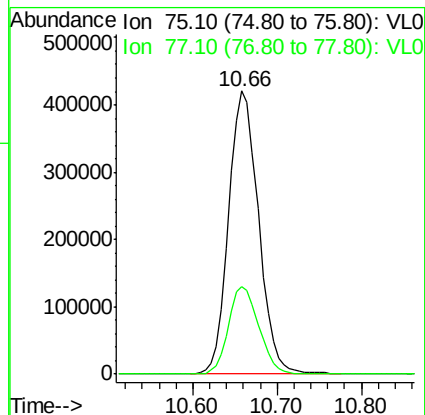
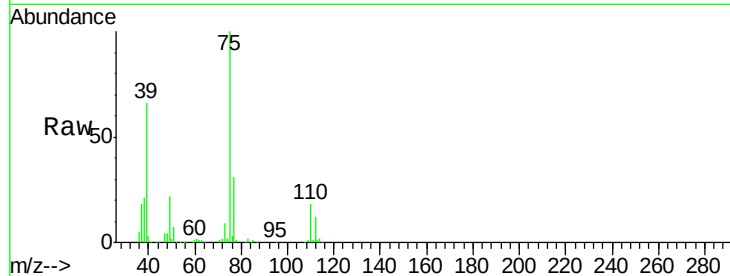
VL0707ABS01

Tgt Ion: 75 Resp: 1017732

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0



#46

cis-1,3-Dichloropropene

Concen: 9.59 ppbv

RT: 10.03 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

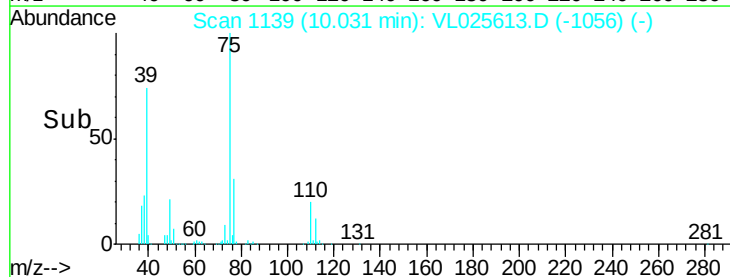
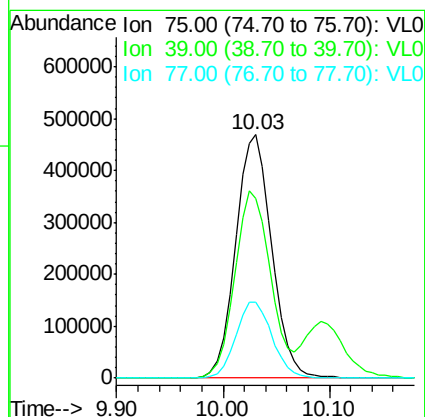
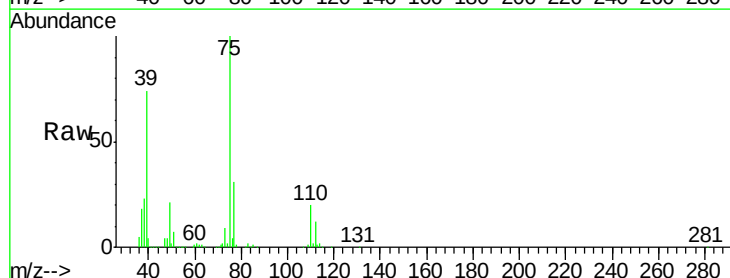
Tgt Ion: 75 Resp: 1113187

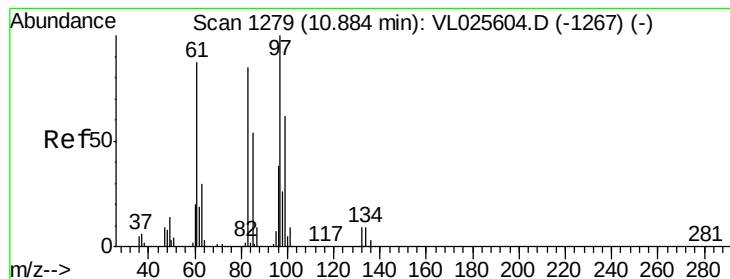
Ion Ratio Lower Upper

75 100

39 73.7 60.4 90.6

77 31.2 24.6 37.0





#47

1,1,2-Trichloroethane

Concen: 8.92 ppbv

RT: 10.89 min Scan# 1280

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 97 Resp: 745283

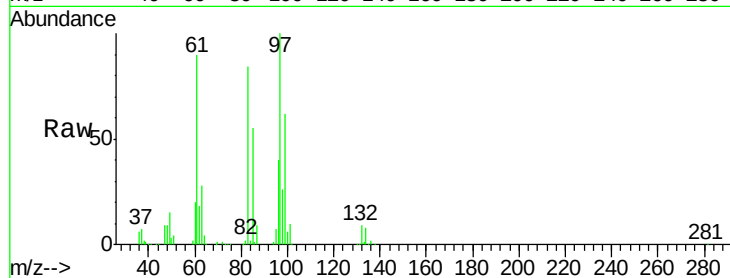
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.8
85	54.5	43.5	65.3
99	62.3	49.8	74.8

97 100

83 84.0 67.8 101.8

85 54.5 43.5 65.3

99 62.3 49.8 74.8

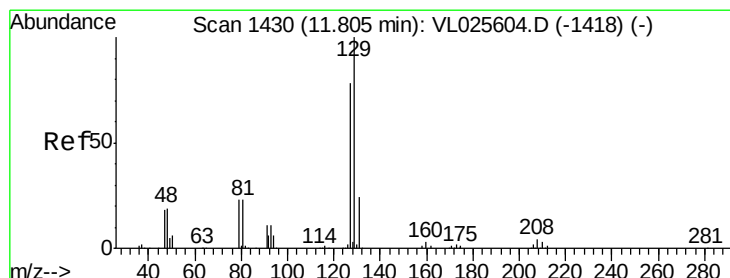
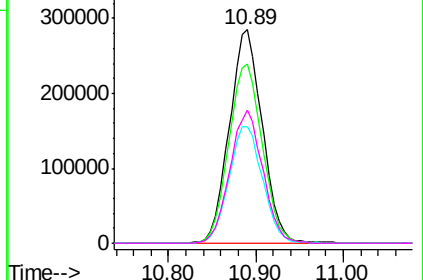
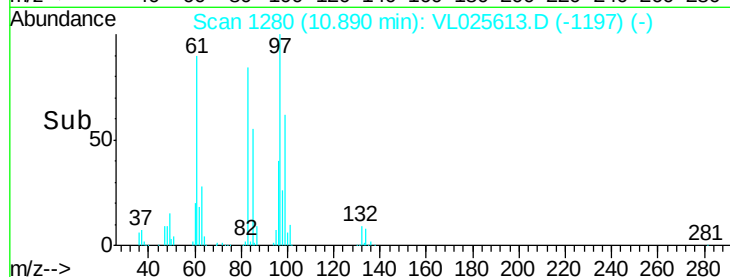


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 9.50 ppbv

RT: 11.81 min Scan# 1431

Delta R.T. 0.01 min

Lab File: VL025613.D

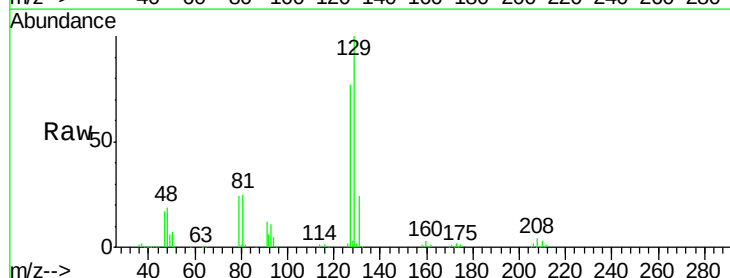
Acq: 7 Jul 2015 17:57

Tgt Ion: 129 Resp: 1421851

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.0	116.9

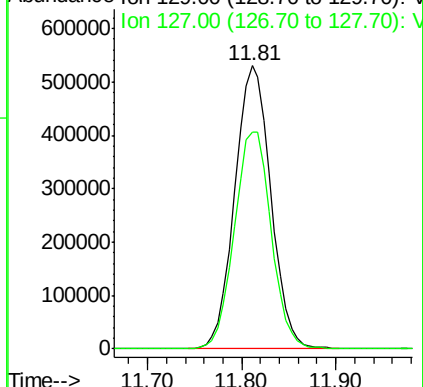
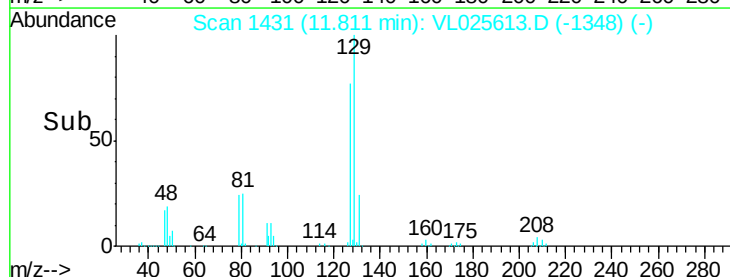
129 100

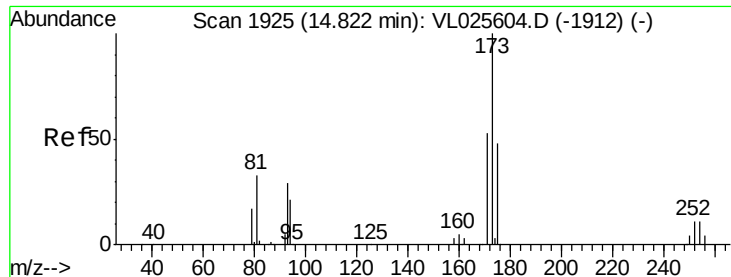
127 78.8 39.0 116.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.54 ppbv

RT: 14.82 min Scan# 1925

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

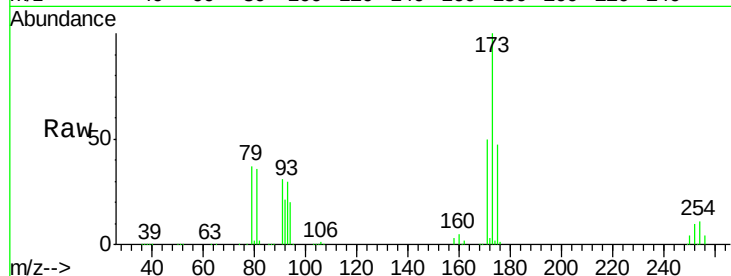
Tgt Ion:173 Resp: 1177012

Ion Ratio Lower Upper

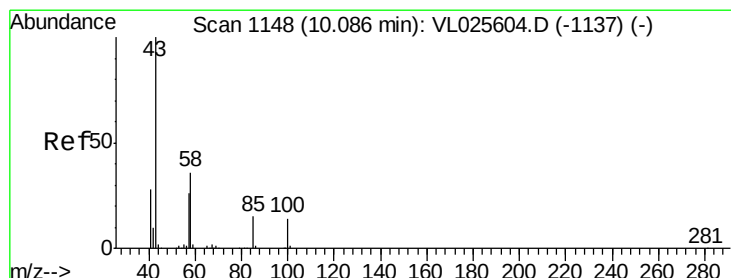
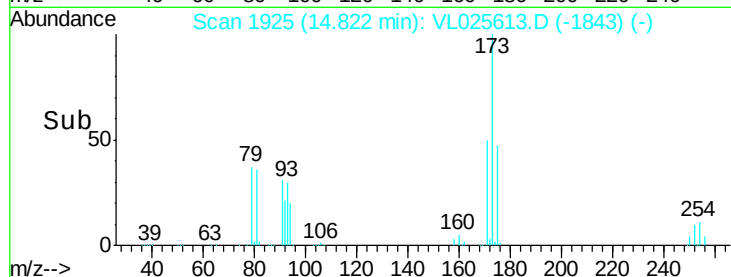
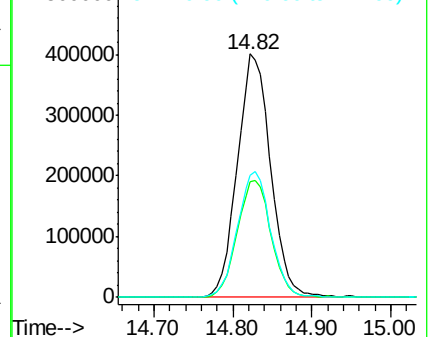
173 100

175 49.2 39.5 59.3

171 51.9 42.2 63.2



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: 9.64 ppbv

RT: 10.09 min Scan# 1149

Delta R.T. 0.01 min

Lab File: VL025613.D

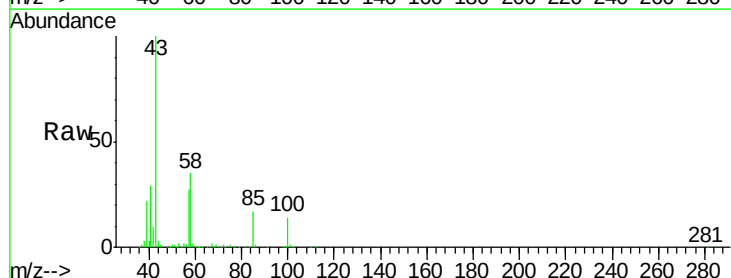
Acq: 7 Jul 2015 17:57

Tgt Ion: 43 Resp: 1338460

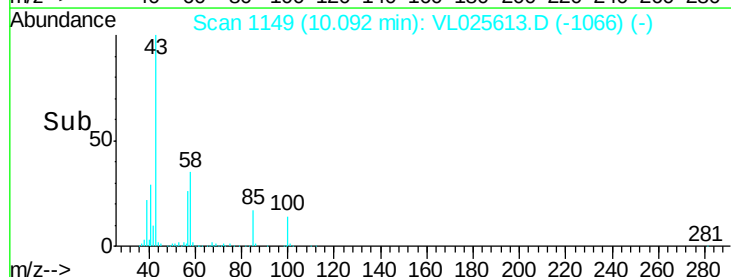
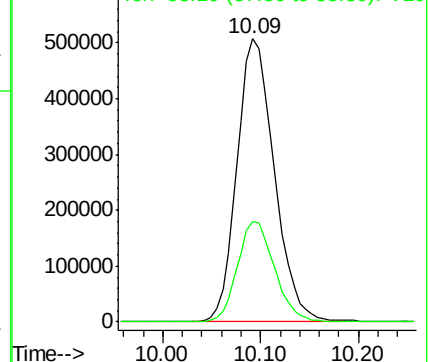
Ion Ratio Lower Upper

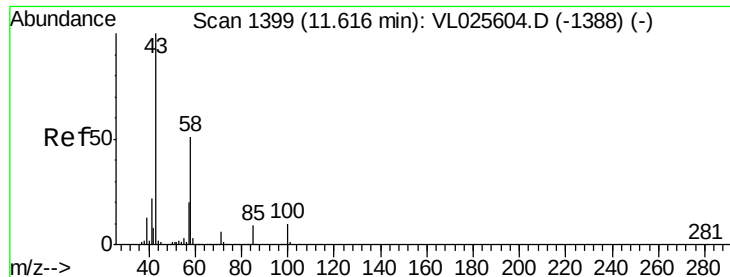
43 100

58 35.6 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: 10.45 ppbv

RT: 11.62 min Scan# 1400

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

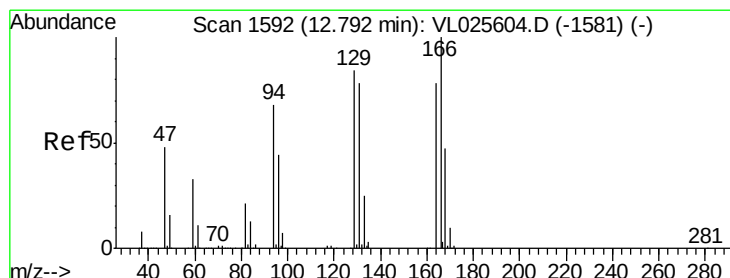
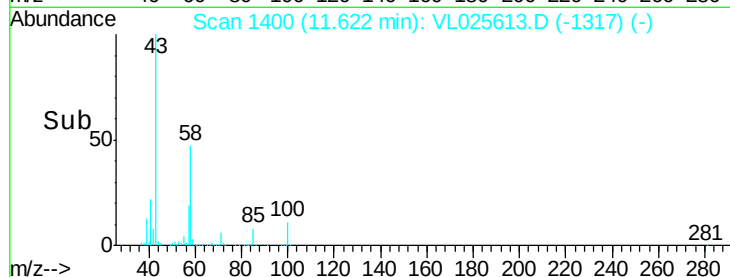
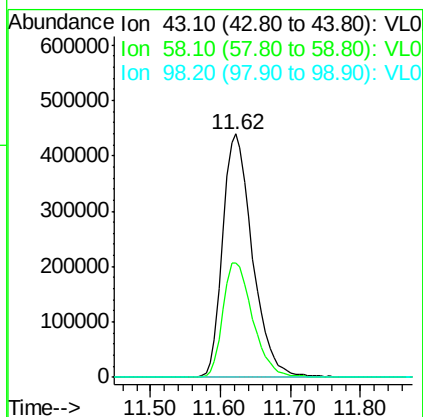
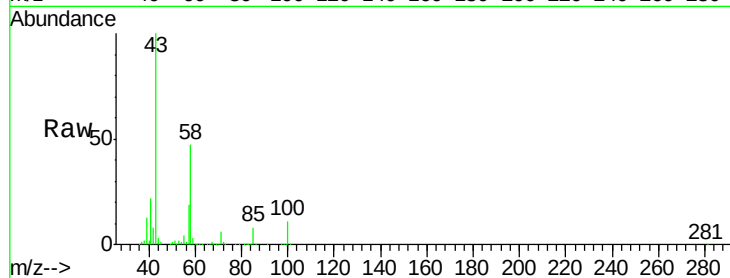
Tgt Ion: 43 Resp: 1301505

Ion Ratio Lower Upper

43 100

58 47.4 39.0 58.6

98 0.4 0.2 0.4#



#52

Tetrachloroethene

Concen: 9.72 ppbv

RT: 12.80 min Scan# 1594

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 164 Resp: 792852

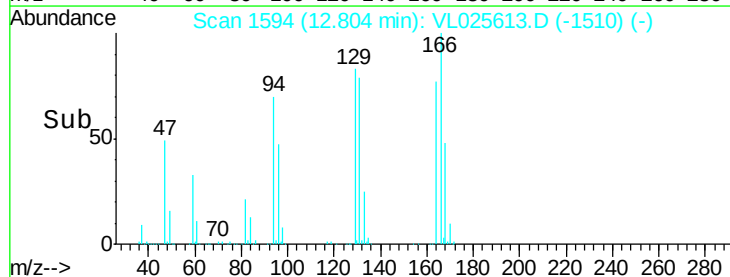
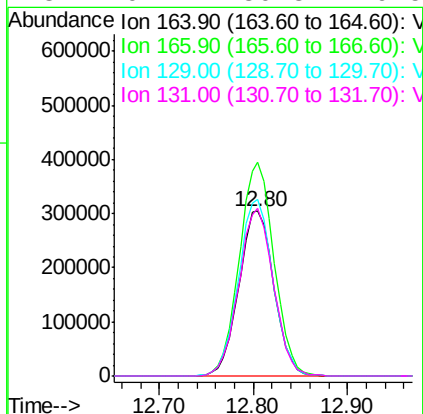
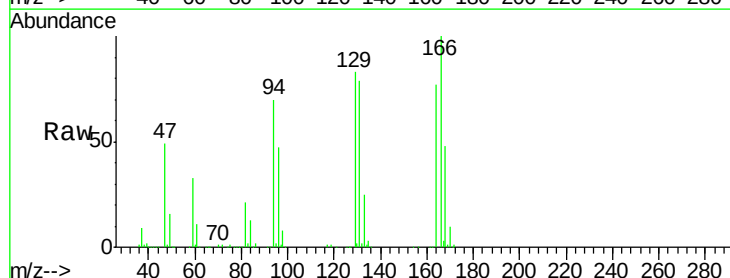
Ion Ratio Lower Upper

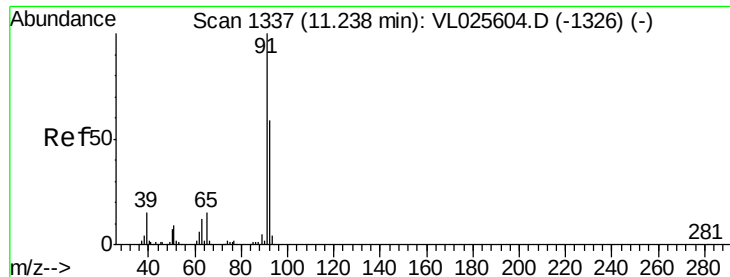
164 100

166 129.8 102.3 153.5

129 107.3 86.2 129.4

131 102.2 80.3 120.5





#53

Toluene

Concen: 9.66 ppbv

RT: 11.24 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

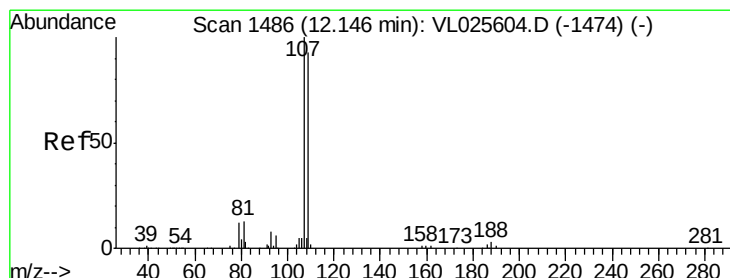
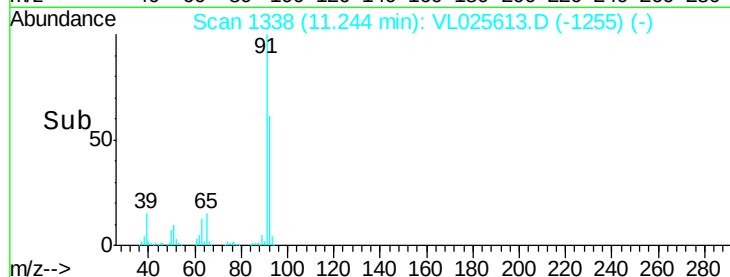
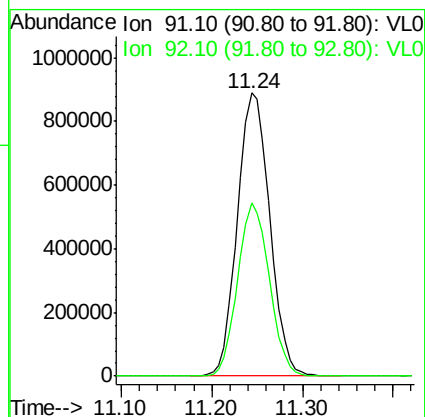
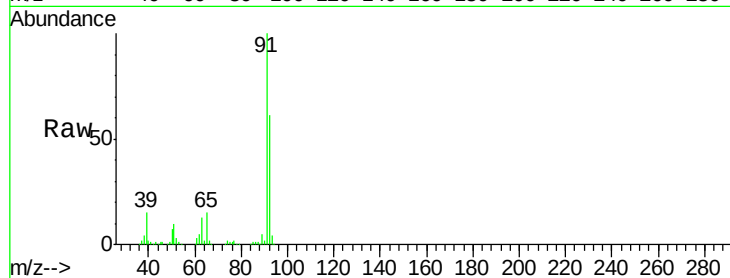
VL0707ABS01

Tgt Ion: 91 Resp: 2207757

Ion Ratio Lower Upper

91 100

92 60.1 48.2 72.2



#54

1,2-Dibromoethane

Concen: 9.03 ppbv

RT: 12.15 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VL025613.D

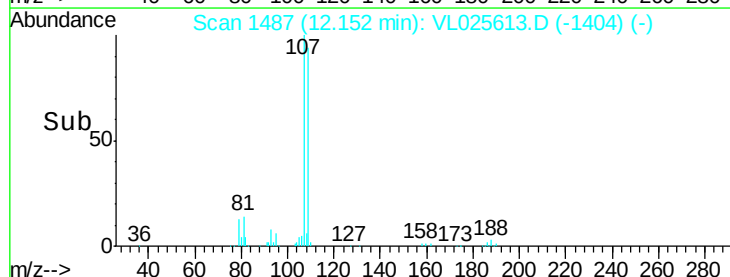
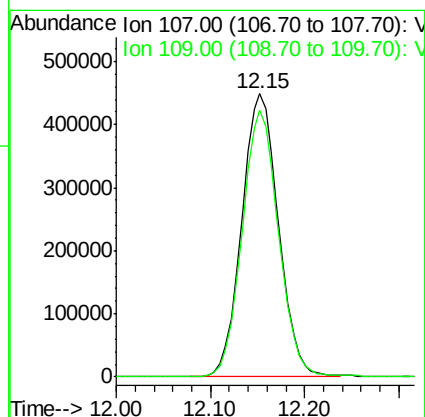
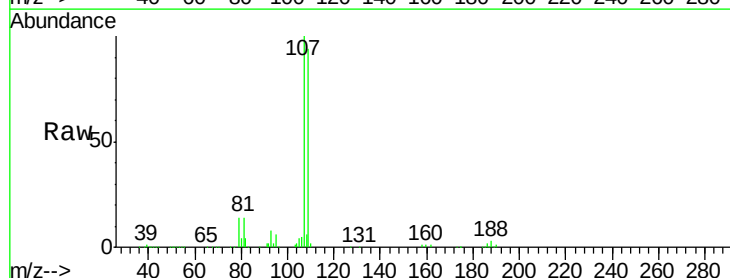
Acq: 7 Jul 2015 17:57

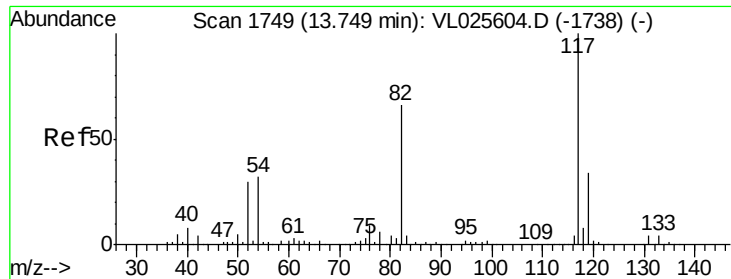
Tgt Ion: 107 Resp: 1221363

Ion Ratio Lower Upper

107 100

109 94.1 74.1 111.1

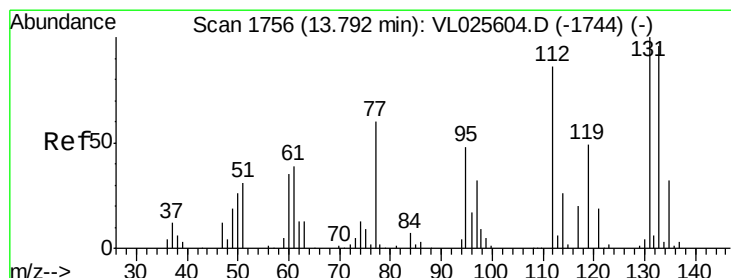
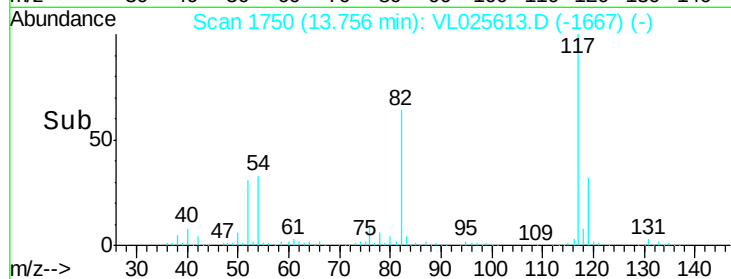
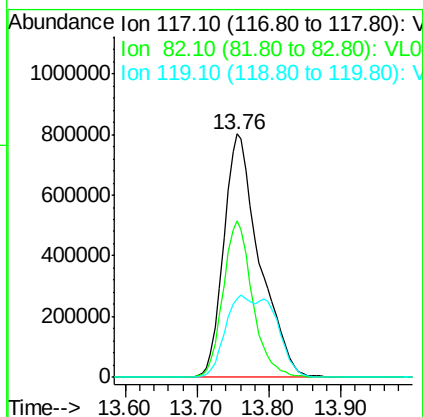
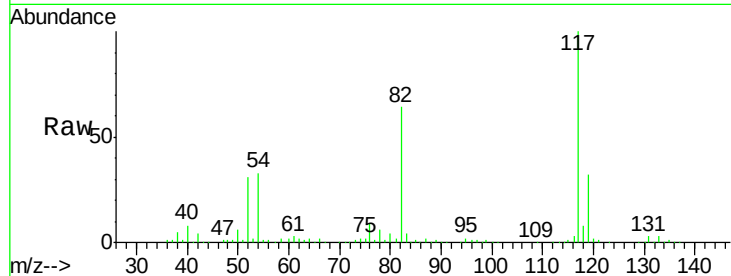




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

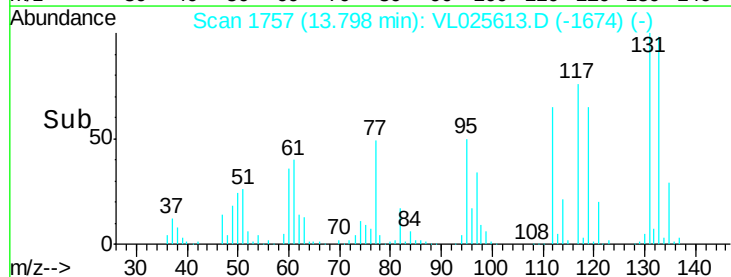
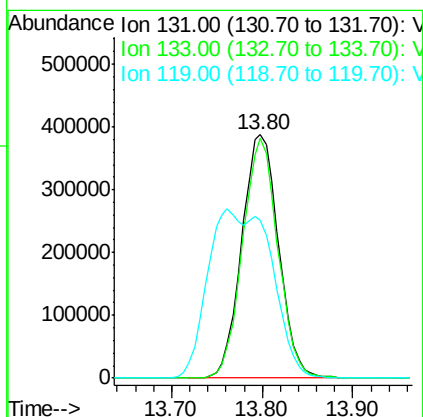
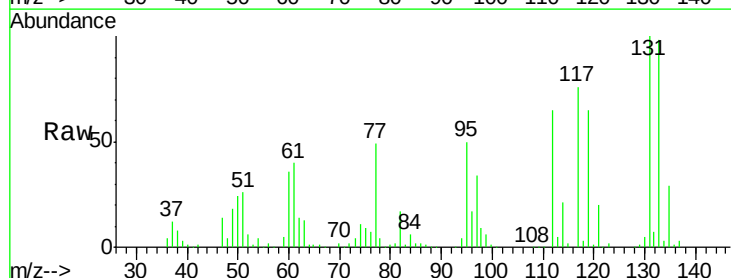
Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

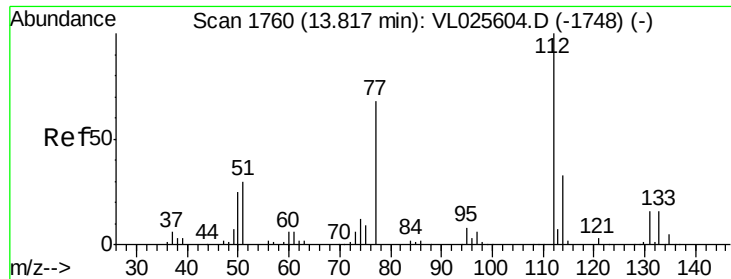
Tgt Ion:117 Resp: 2764899
Ion Ratio Lower Upper
117 100
82 53.1 50.5 75.7
119 47.8 45.1 67.7



#56
1,1,1,2-Tetrachloroethane
Concen: 7.30 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion:131 Resp: 1091184
Ion Ratio Lower Upper
131 100
133 95.2 76.9 115.3
119 121.2 97.8 146.8





#57

Chlorobenzene

Concen: 6.82 ppbv

RT: 13.82 min Scan# 1761

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

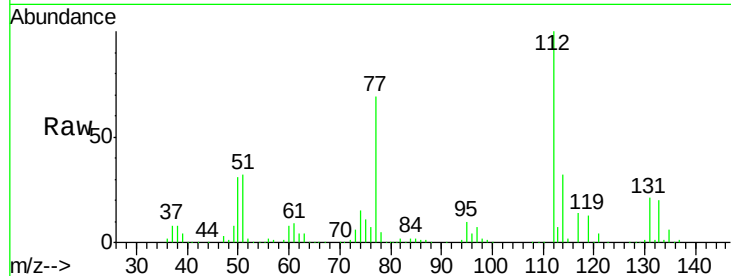
Tgt Ion: 112 Resp: 2006029

Ion Ratio Lower Upper

112 100

77 68.8 55.2 82.8

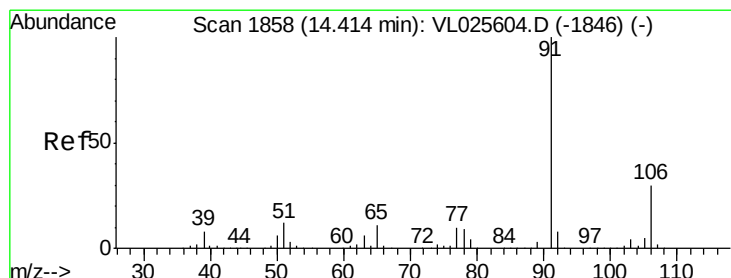
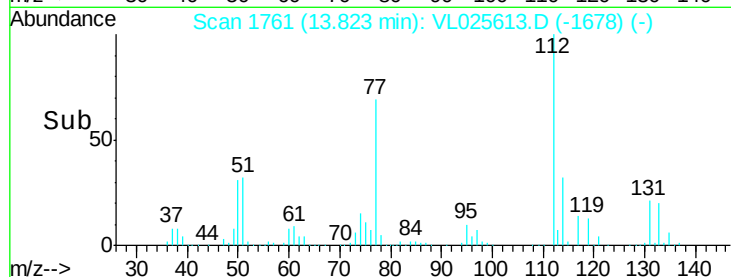
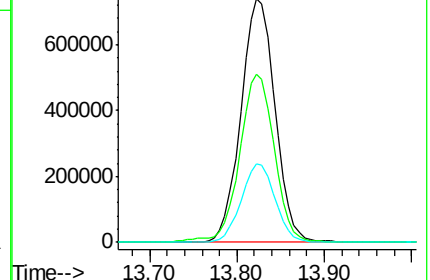
114 32.0 29.4 36.0



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: 7.77 ppbv

RT: 14.43 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VL025613.D

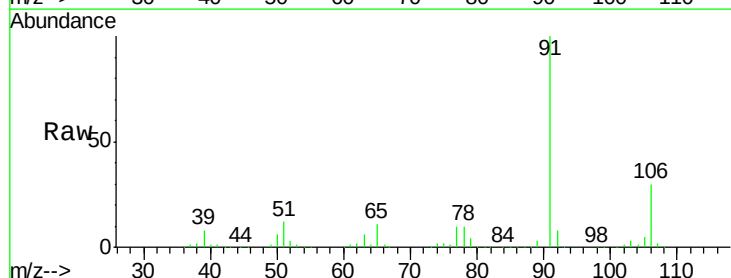
Acq: 7 Jul 2015 17:57

Tgt Ion: 91 Resp: 3546041

Ion Ratio Lower Upper

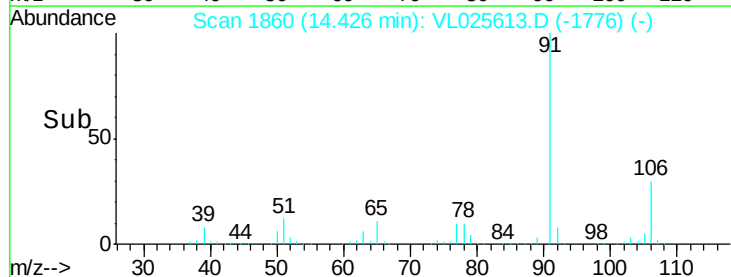
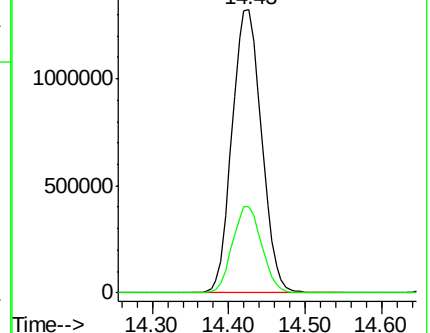
91 100

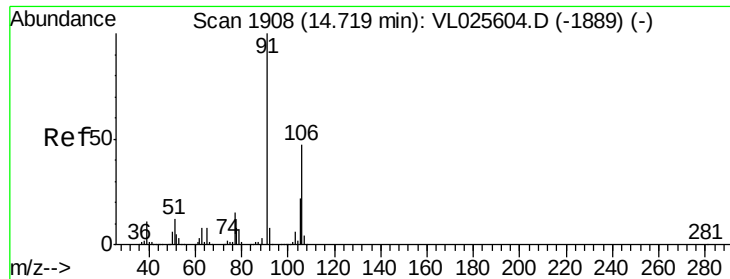
106 30.3 24.2 36.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

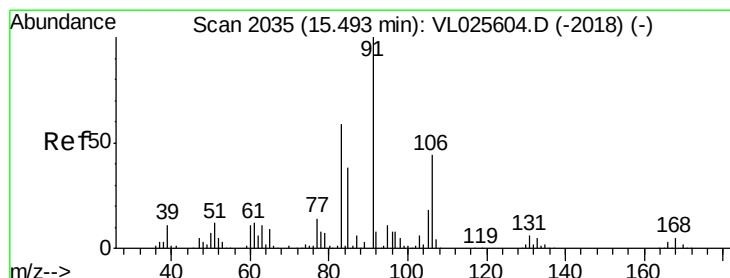
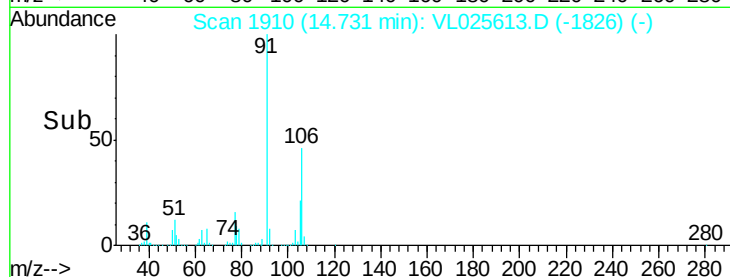
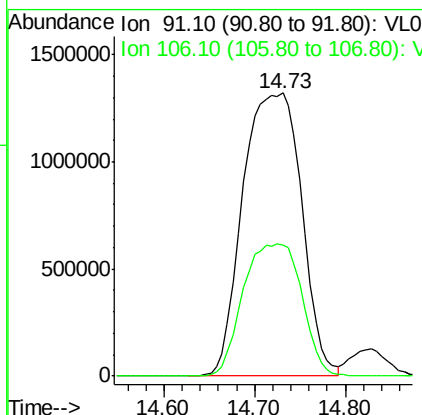
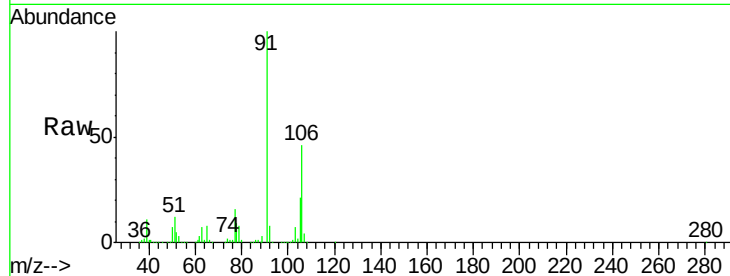




#59
m/p-Xylene
Concen: 14.73 ppbv
RT: 14.73 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

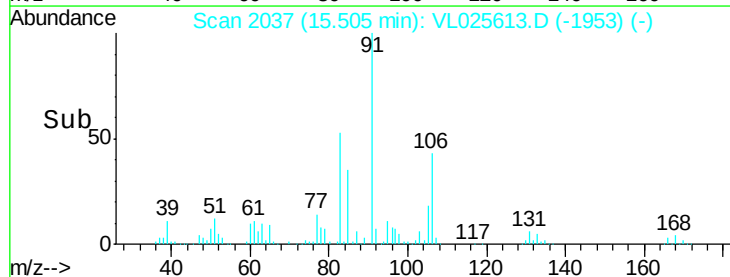
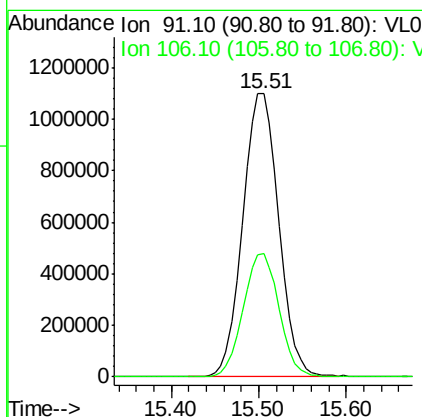
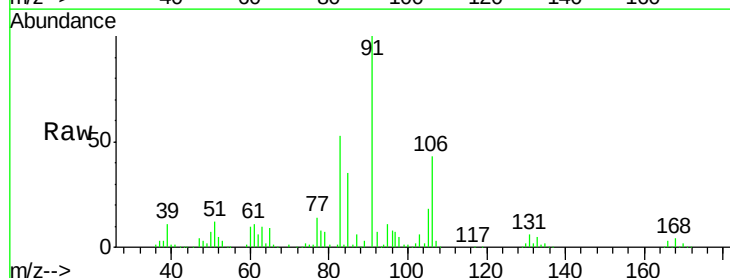
Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

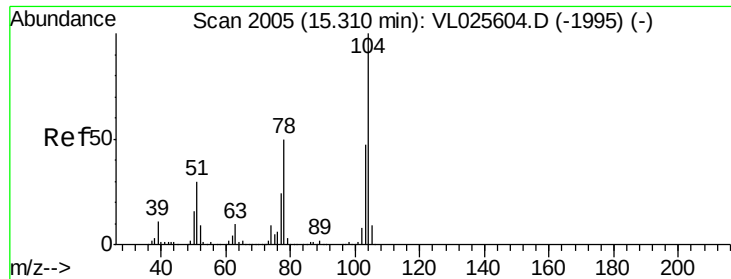
Tgt Ion: 91 Resp: 5911556
Ion Ratio Lower Upper
91 100
106 46.9 37.9 56.9



#60
o-Xylene
Concen: 7.27 ppbv
RT: 15.51 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 91 Resp: 3143244
Ion Ratio Lower Upper
91 100
106 43.6 22.1 66.1

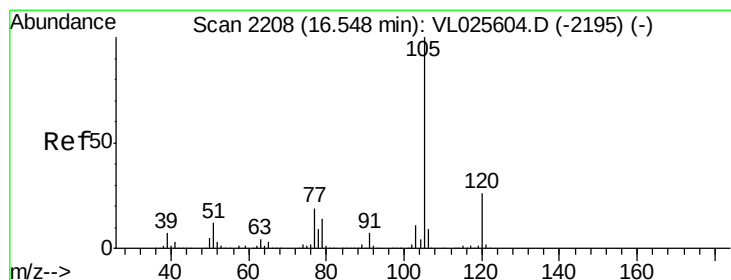
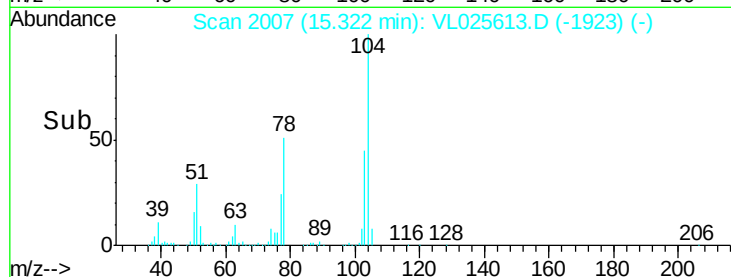
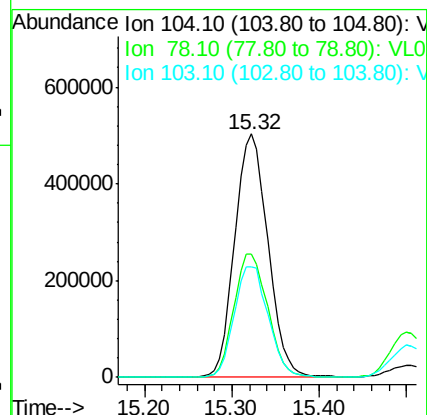
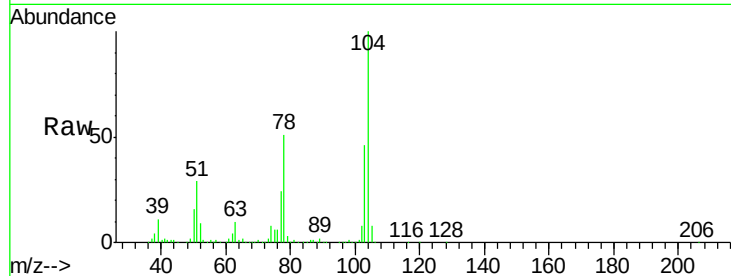




#61
 Styrene
 Concen: 8.80 ppbv
 RT: 15.32 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

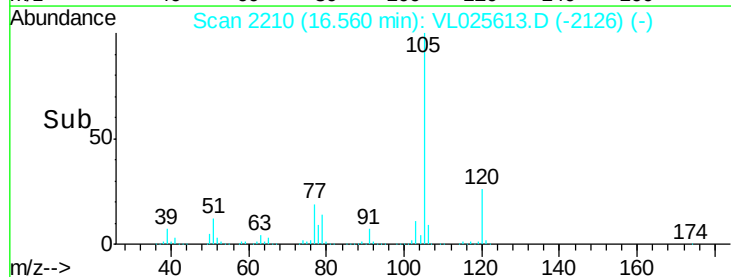
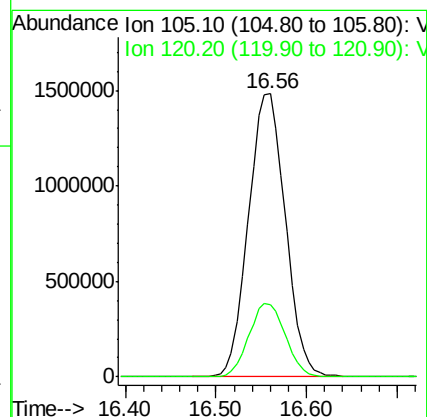
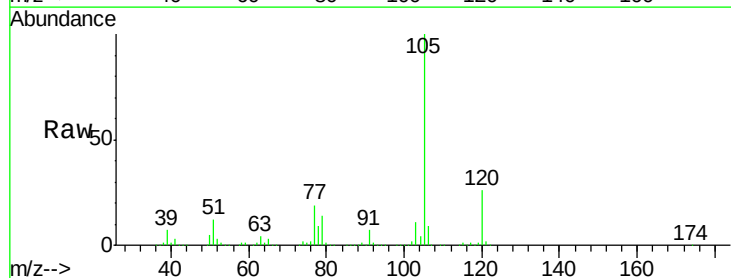
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

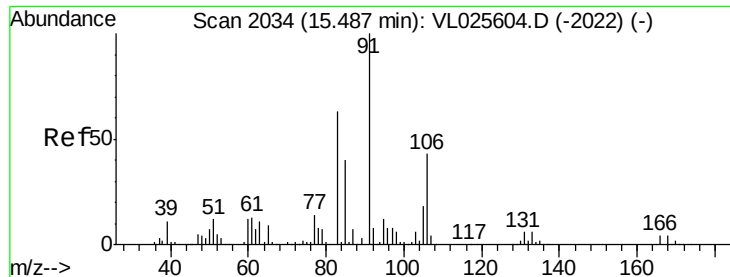
Tgt Ion:104 Resp: 1332304
 Ion Ratio Lower Upper
 104 100
 78 51.4 40.2 60.4
 103 47.0 37.4 56.2



#62
 Isopropylbenzene
 Concen: 7.40 ppbv
 RT: 16.56 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion:105 Resp: 4181982
 Ion Ratio Lower Upper
 105 100
 120 25.8 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 6.66 ppbv

RT: 15.50 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

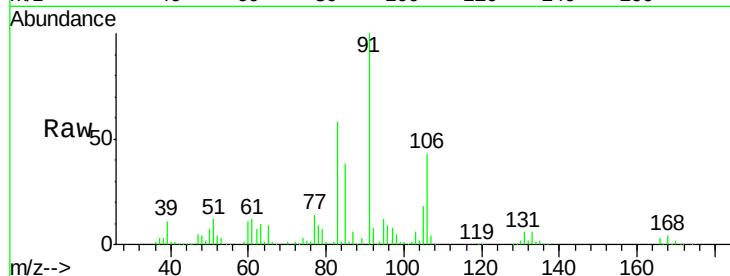
Tgt Ion: 83 Resp: 1945779

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

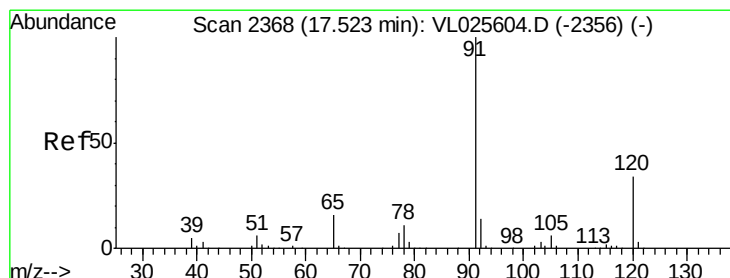
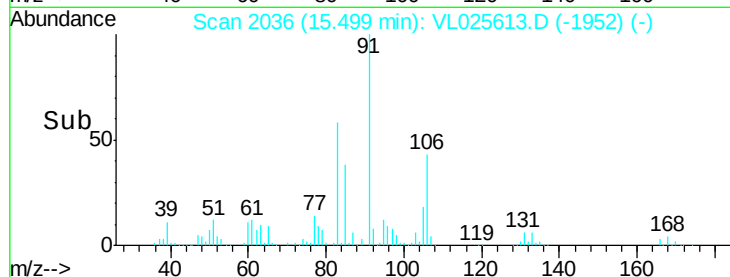
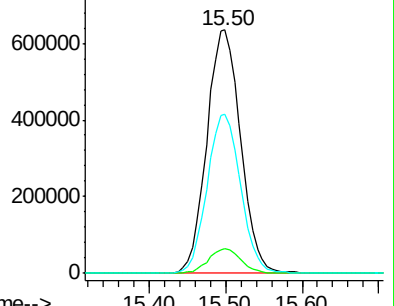
85 65.1 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.46 ppbv

RT: 17.54 min Scan# 2370

Delta R.T. 0.01 min

Lab File: VL025613.D

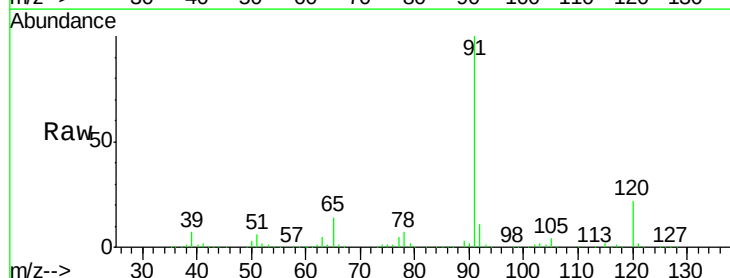
Acq: 7 Jul 2015 17:57

Tgt Ion: 120 Resp: 1139497

Ion Ratio Lower Upper

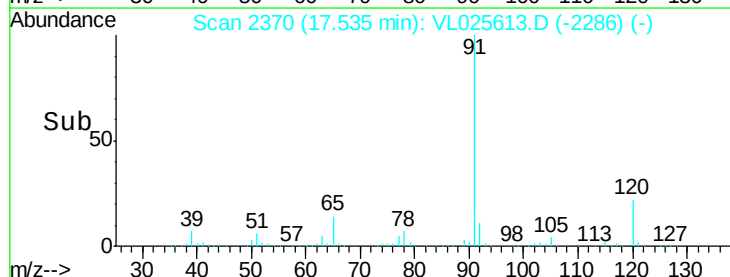
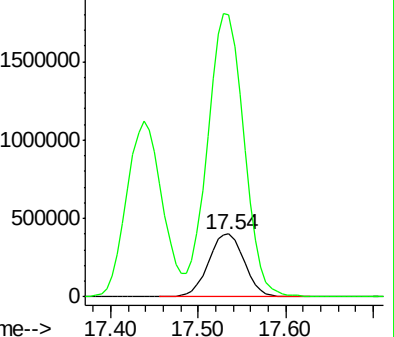
120 100

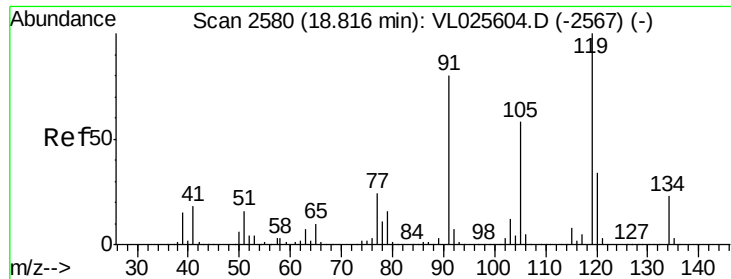
91 457.2 370.5 555.7



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

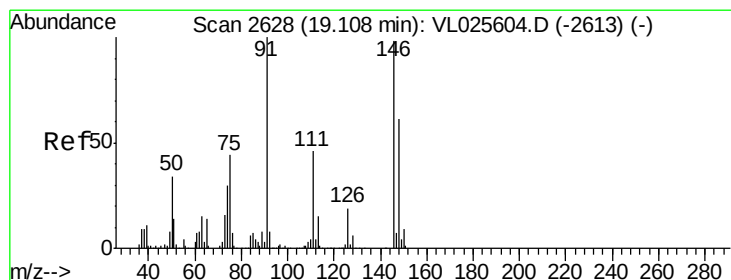
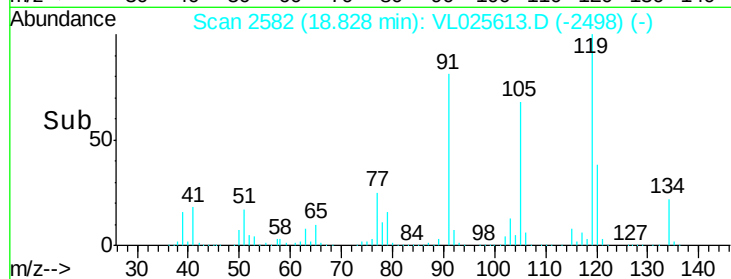
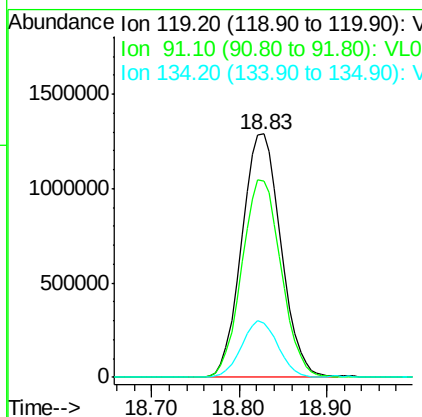
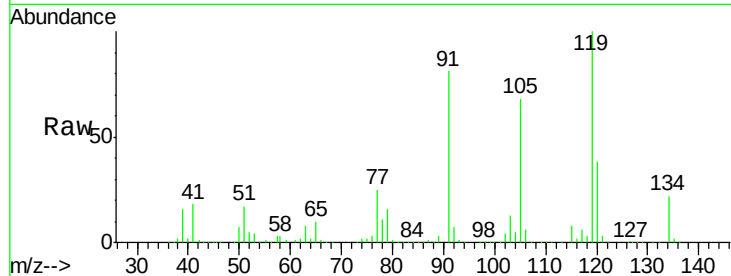




#65
 tert-Butylbenzene
 Concen: 7.26 ppbv
 RT: 18.83 min Scan# 2582
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

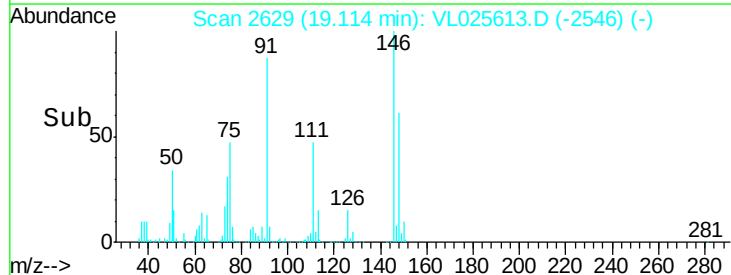
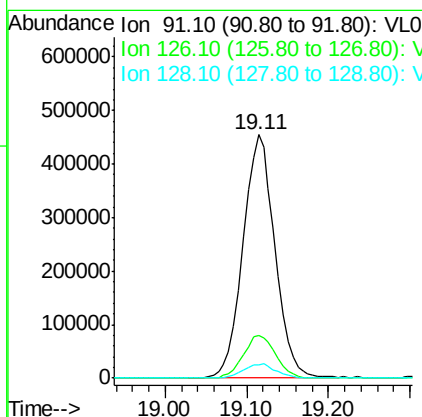
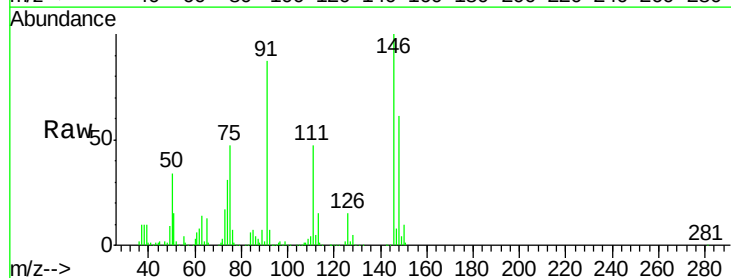
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

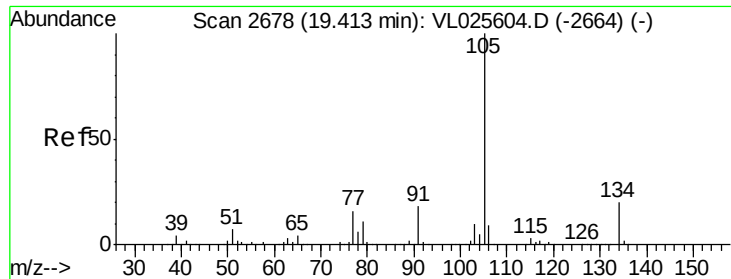
Tgt Ion:119 Resp: 4027161
 Ion Ratio Lower Upper
 119 100
 91 81.5 64.5 96.7
 134 21.8 17.4 26.0



#66
 Benzyl Chloride
 Concen: 6.05 ppbv
 RT: 19.11 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 91 Resp: 1229947
 Ion Ratio Lower Upper
 91 100
 126 17.9 14.5 21.7
 128 5.9 4.6 7.0





#67

sec-Butylbenzene

Concen: 7.22 ppbv

RT: 19.42 min Scan# 2679

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

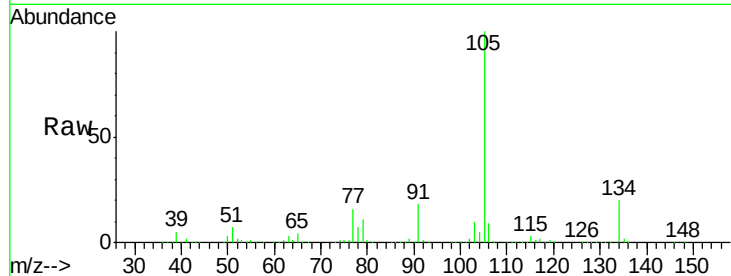
VL0707ABS01

Tgt Ion: 105 Resp: 5607603

Ion Ratio Lower Upper

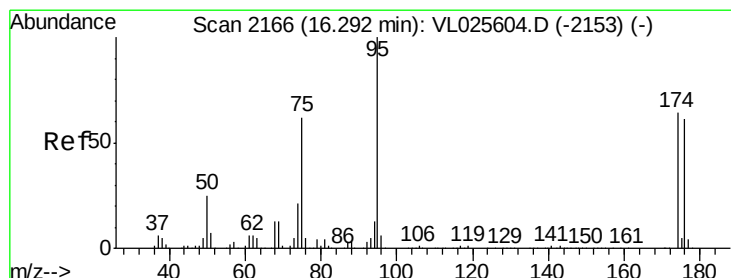
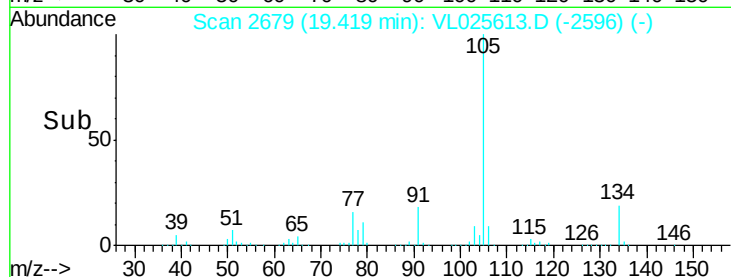
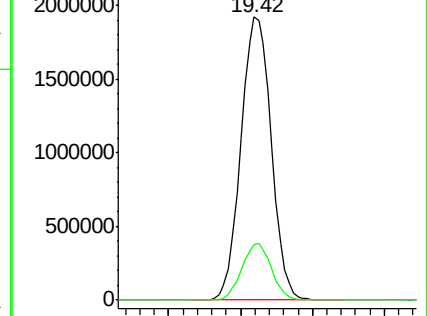
105 100

134 19.5 15.4 23.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.15 ppbv

RT: 16.30 min Scan# 2167

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

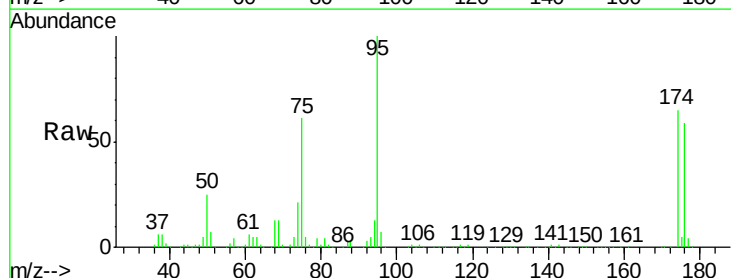
Tgt Ion: 95 Resp: 1901885

Ion Ratio Lower Upper

95 100

174 65.2 52.0 78.0

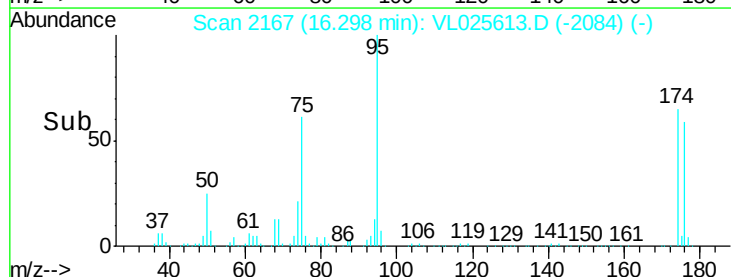
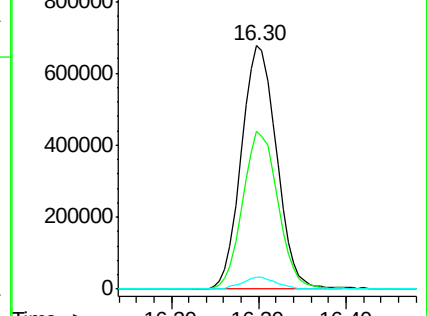
175 4.8 3.9 5.9

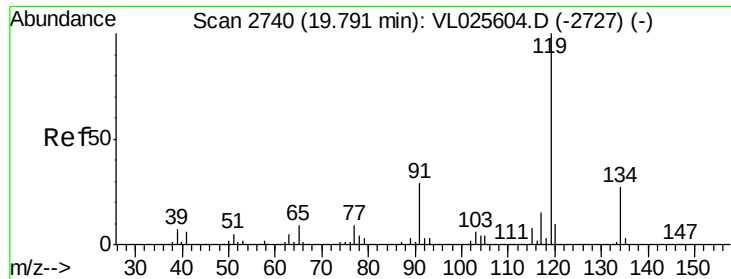


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

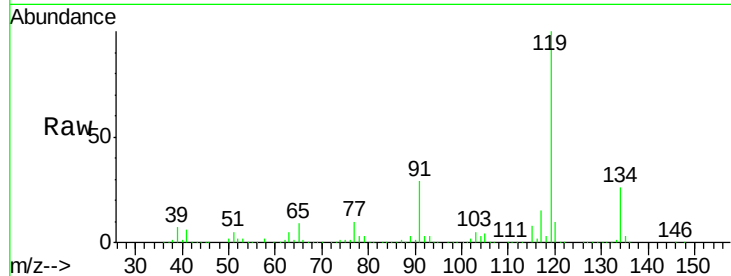




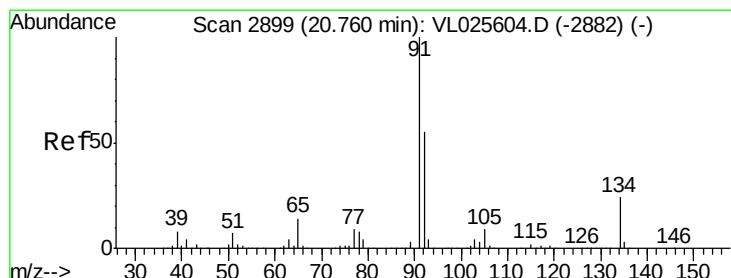
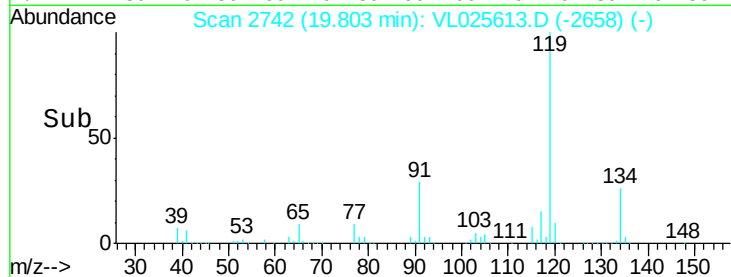
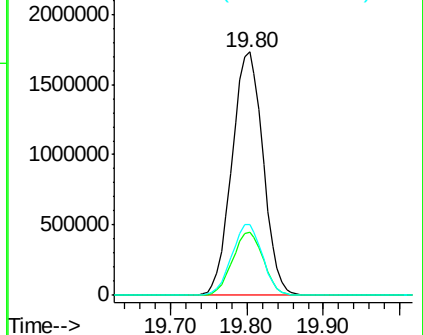
#69
 p-Isopropyltoluene
 Concen: 7.62 ppbv
 RT: 19.80 min Scan# 2742
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion: 119 Resp: 4880959
 Ion Ratio Lower Upper
 119 100
 134 25.9 20.7 31.1
 91 28.6 22.6 34.0

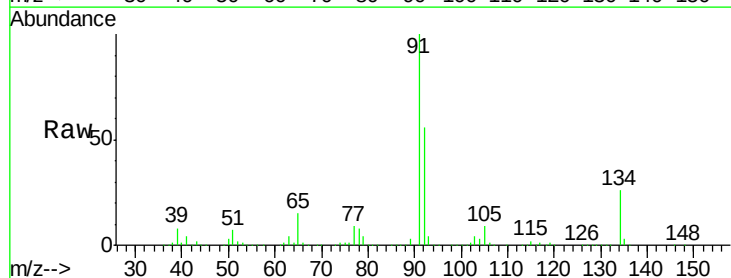


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

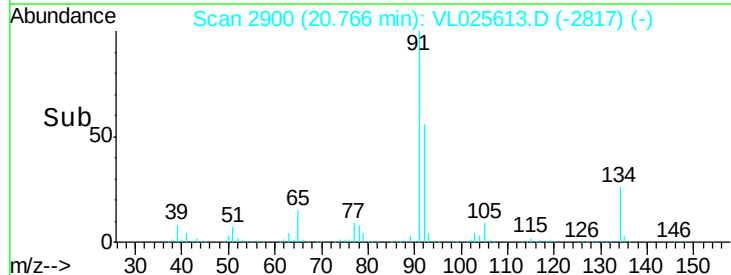
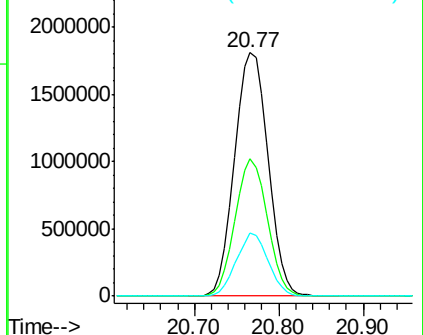


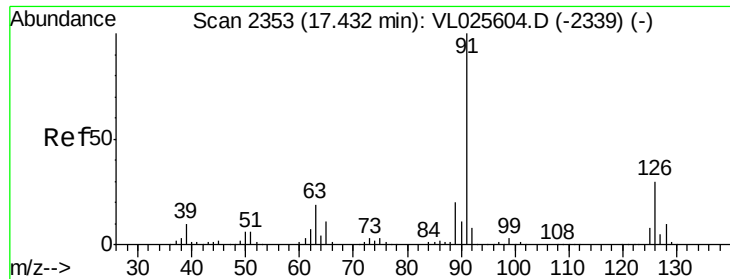
#70
 n-Butylbenzene
 Concen: 7.52 ppbv
 RT: 20.77 min Scan# 2900
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 91 Resp: 4881285
 Ion Ratio Lower Upper
 91 100
 92 54.4 44.3 66.5
 134 24.4 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: 7.79 ppbv

RT: 17.44 min Scan# 2354

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

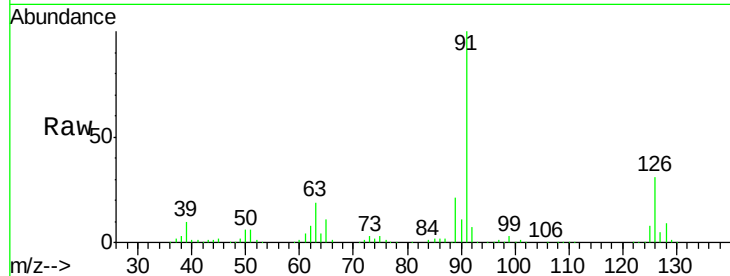
VL0707ABS01

Tgt Ion: 91 Resp: 3226308

Ion Ratio Lower Upper

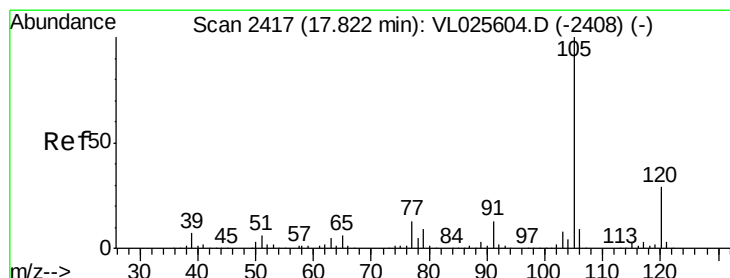
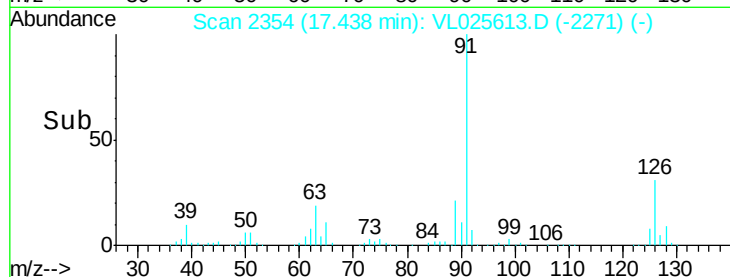
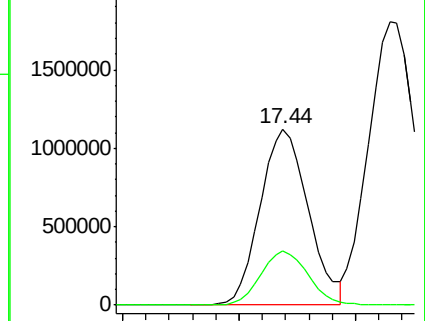
91 100

126 30.5 12.2 49.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 7.80 ppbv

RT: 17.83 min Scan# 2419

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 105 Resp: 3728517

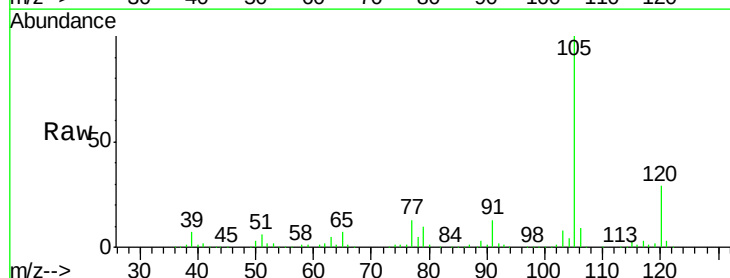
Ion Ratio Lower Upper

105 100

120 29.6 23.9 35.9

91 13.5 10.3 15.5

77 13.8 10.9 16.3

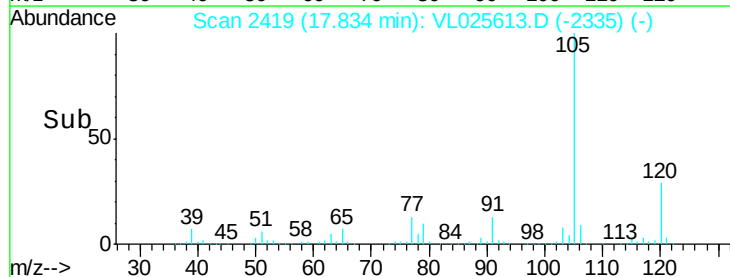
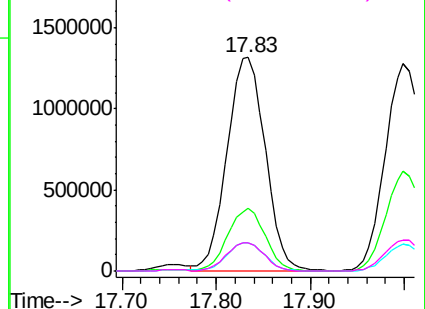


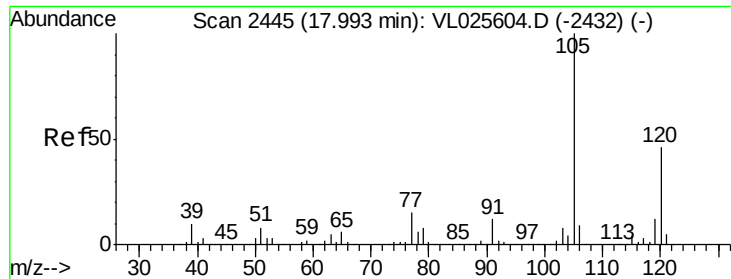
Abundance Ion 105.10 (104.80 to 105.80): V

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

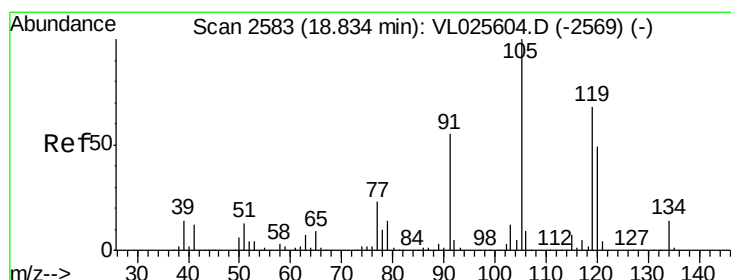
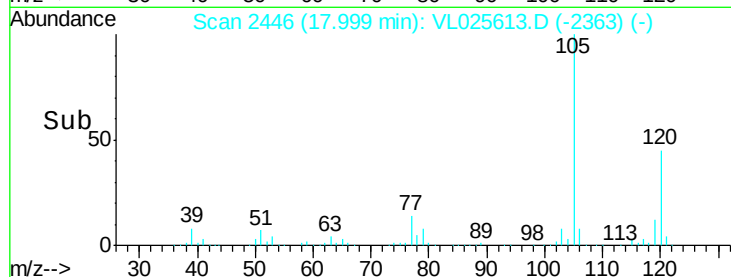
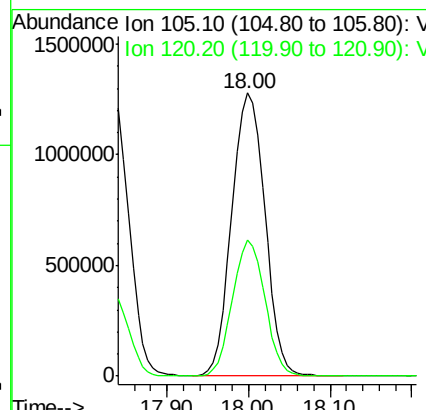
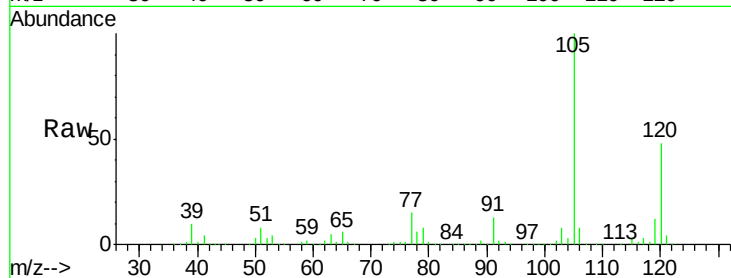




#73
 1,3,5-Trimethylbenzene
 Concen: 7.67 ppbv
 RT: 18.00 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

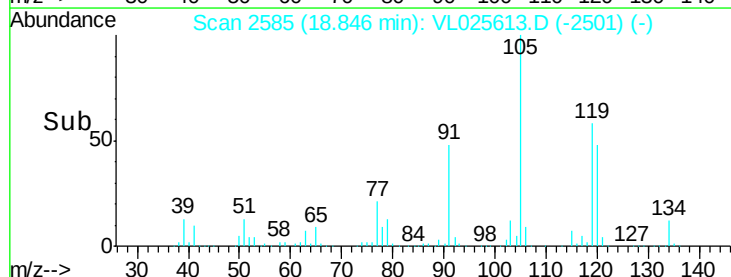
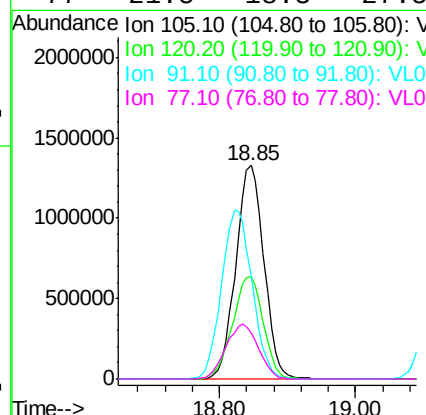
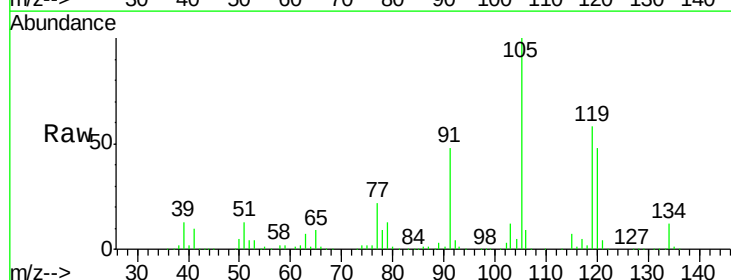
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

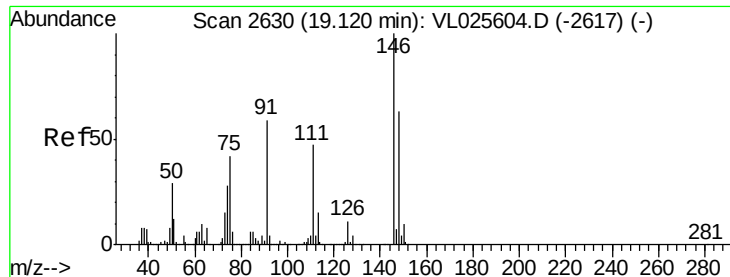
Tgt Ion:105 Resp: 3602049
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 7.24 ppbv
 RT: 18.85 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion:105 Resp: 3807502
 Ion Ratio Lower Upper
 105 100
 120 47.8 39.3 58.9
 91 48.1 43.8 65.6
 77 21.5 18.3 27.5

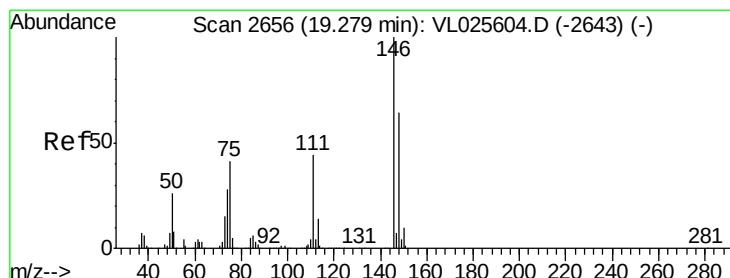
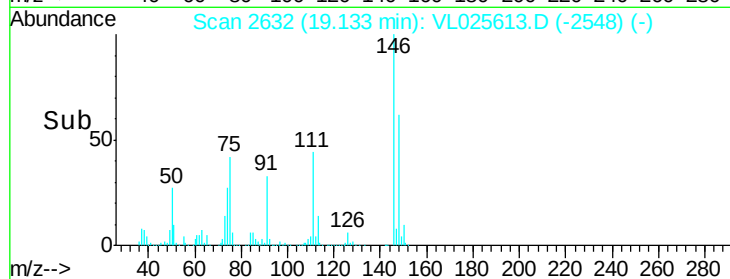
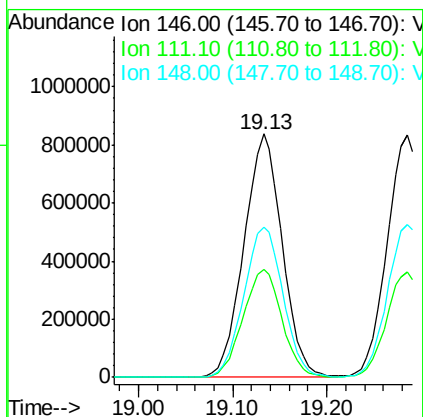
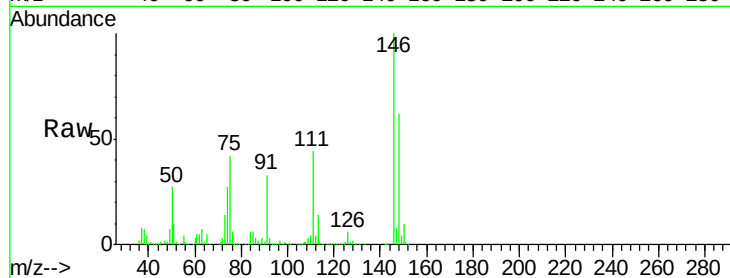




#75
 1,3-Dichlorobenzene
 Concen: 6.97 ppbv
 RT: 19.13 min Scan# 2632
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

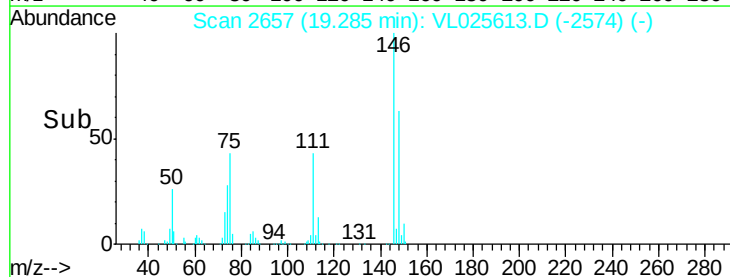
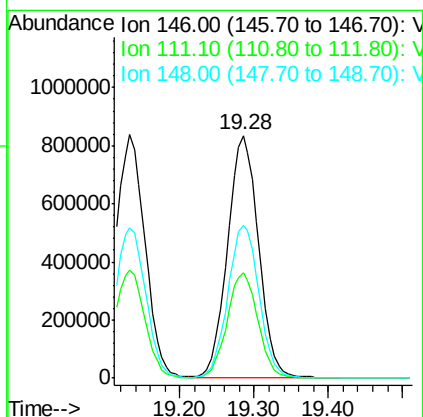
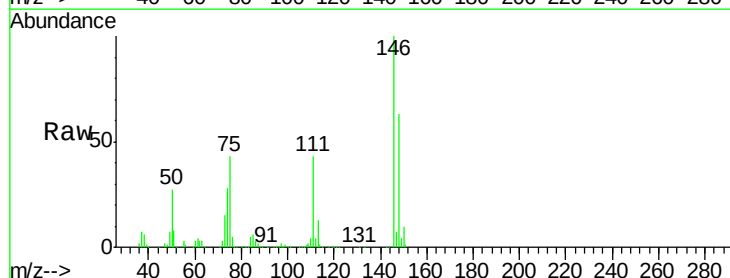
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

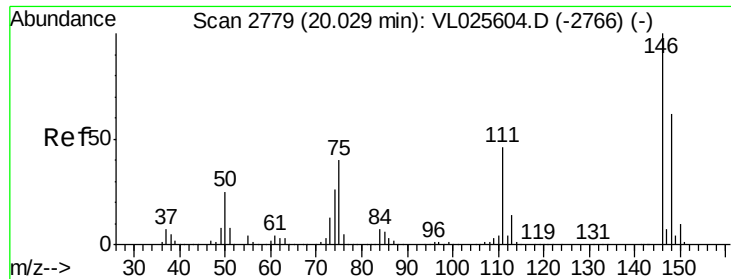
Tgt Ion:146 Resp: 2385474
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.7 68.1
 148 63.3 31.8 95.3



#76
 1,4-Dichlorobenzene
 Concen: 7.06 ppbv
 RT: 19.28 min Scan# 2657
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion:146 Resp: 2422474
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.1 66.1
 148 63.7 31.9 95.9





#77

1,2-Dichlorobenzene

Concen: 6.96 ppbv

RT: 20.04 min Scan# 2781

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

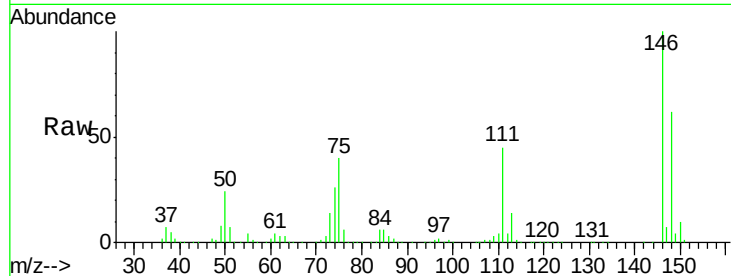
Tgt Ion:146 Resp: 2366274

Ion Ratio Lower Upper

146 100

111 47.0 23.4 70.3

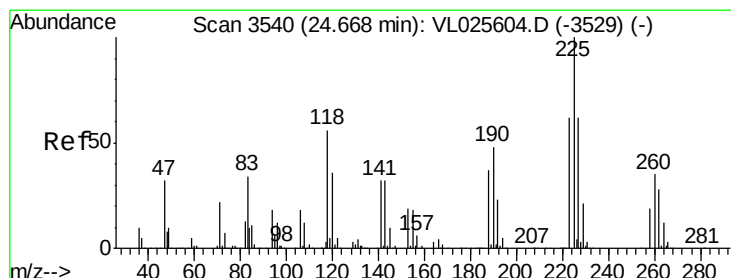
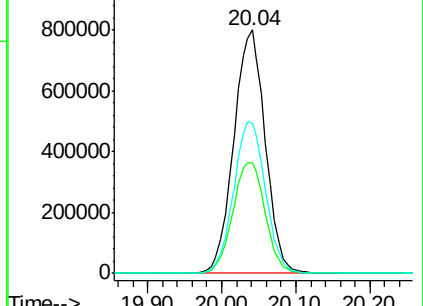
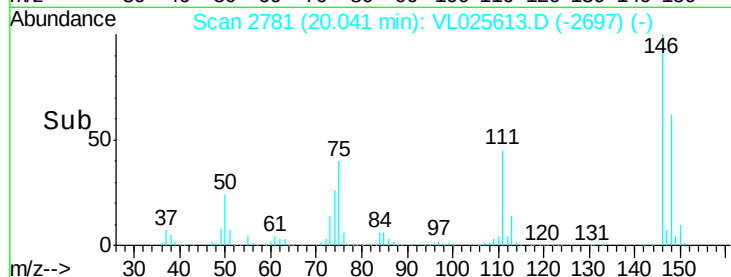
148 63.4 31.6 94.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.52 ppbv

RT: 24.67 min Scan# 3541

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

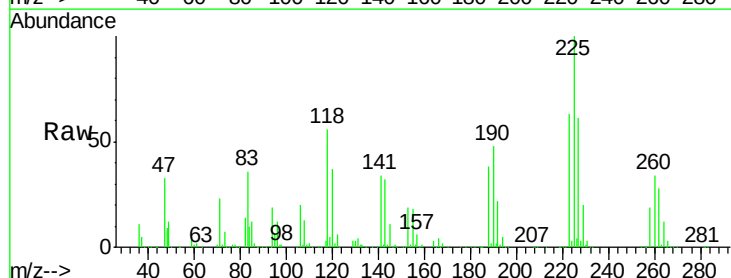
Tgt Ion:225 Resp: 1362679

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

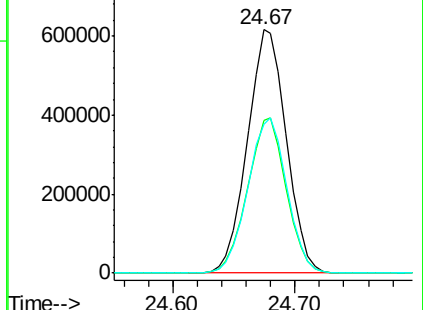
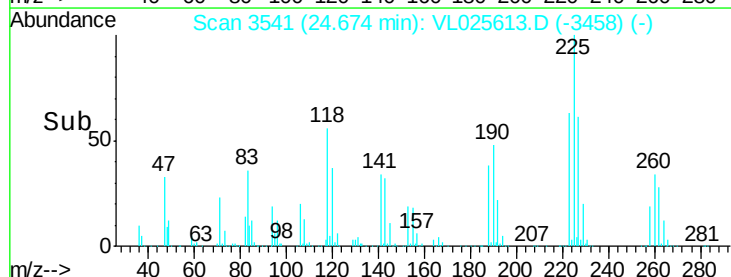
227 64.0 50.5 75.7

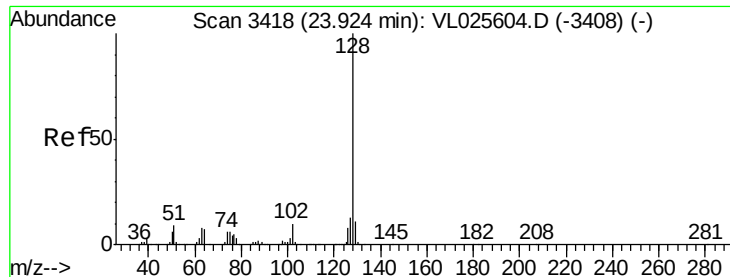


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

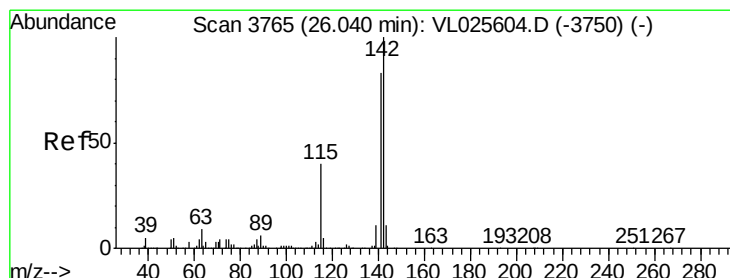
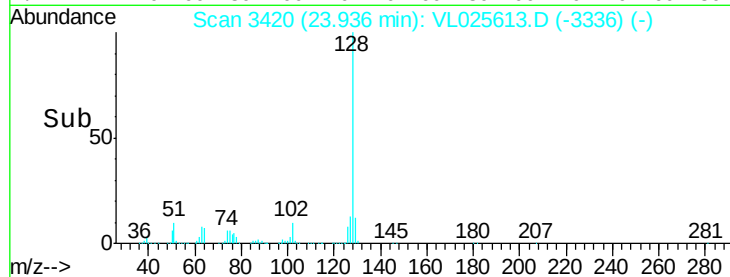
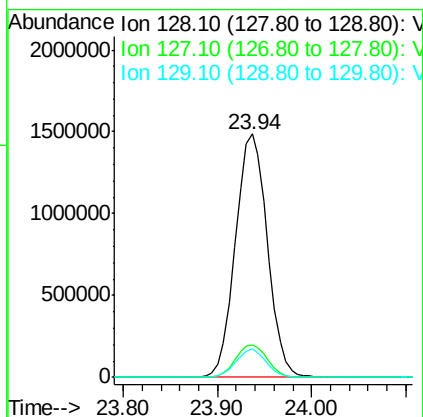
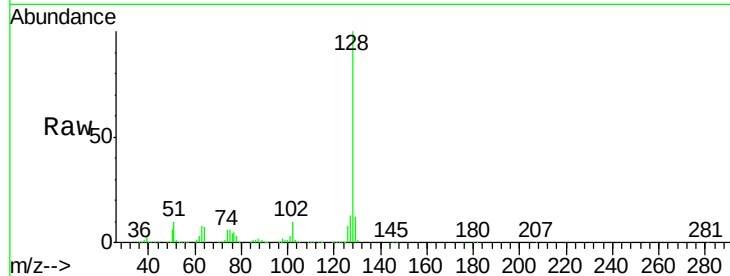




#79
Naphthalene
Concen: 6.93 ppbv
RT: 23.94 min Scan# 3420
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

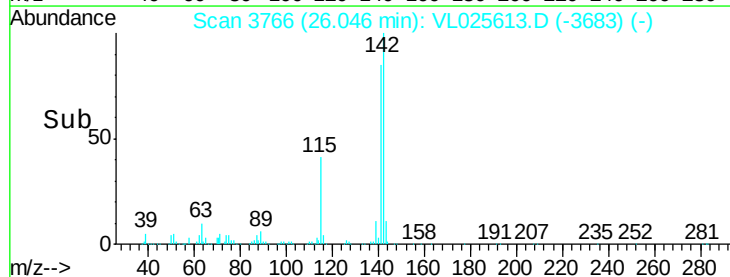
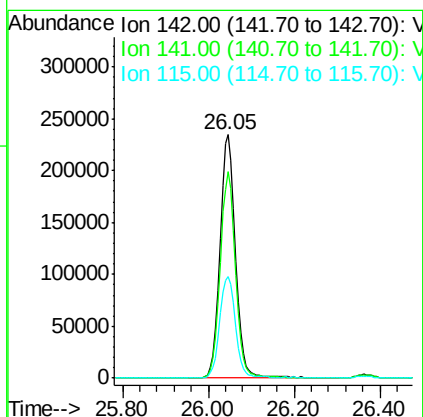
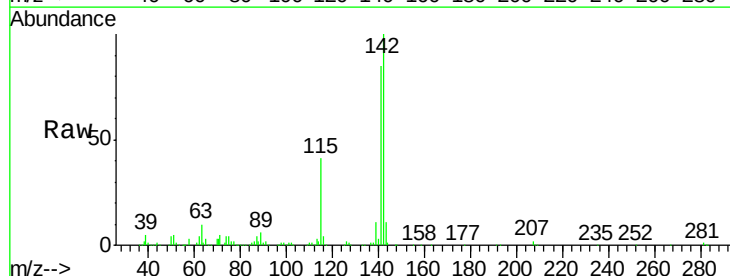
Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

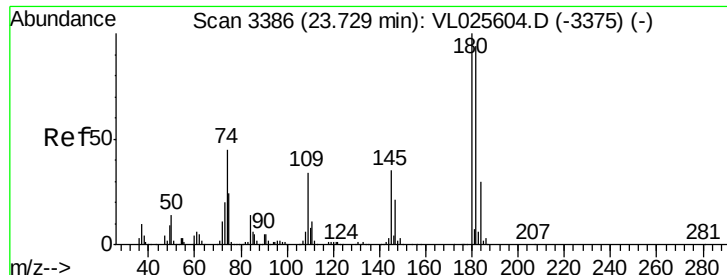
Tgt Ion:128 Resp: 3519343
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.6 9.0 13.4



#80
Naphthalene, 2-methyl-
Concen: 4.06 ppbv
RT: 26.05 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion:142 Resp: 599980
Ion Ratio Lower Upper
142 100
141 84.7 67.1 100.7
115 44.0 33.9 50.9





#81
 1,2,4-Trichlorobenzene
 Concen: 7.50 ppbv
 RT: 23.74 min Scan# 3388
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion:180 Resp: 1828230
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.1 114.1
 184 30.2 24.4 36.6

