

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025606.D
 Acq On : 7 Jul 2015 11:53
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 07 13:10:33 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 07 13:08:42 2015
 QLast Update : Tue Jul 07 13:08:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	669556	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1834367	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.74	117	2322274	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1992230	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.64	85	192266	1.24	ppbv	99
3) Chlorodifluoromethane	3.57	51	103962	1.29	ppbv	99
4) Chloromethane	3.75	50	45703	1.09	ppbv	98
5) Vinyl Chloride	3.89	62	50024	1.07	ppbv	99
6) Bromomethane	4.14	94	40576	1.28	ppbv	83
7) Chloroethane	4.24	64	23803	1.23	ppbv #	85
8) Dichlorotetrafluoroethane	3.80	85	169408	1.35	ppbv	98
9) Propene	3.59	41	33827	1.01	ppbv	99
10) Heptane	9.35	43	128493	1.07	ppbv	99
11) Trichlorofluoromethane	4.69	101	248253	1.52	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.30	101	138077	1.40	ppbv	97
13) Ethanol	4.34	45	3601	0.59	ppbv #	57
14) Bromoethene	4.45	108	46651	1.32	ppbv	96
15) Acetone	4.60	43	137298	1.39	ppbv	96
16) 1,3-Butadiene	3.96	39	50660	1.17	ppbv	97
17) tert-Butyl alcohol	5.14	59	102094	1.21	ppbv	96
18) 1,1-Dichloroethene	5.08	96	52909	1.30	ppbv	95
19) Isopropyl Alcohol	4.76	45	54443	1.21	ppbv #	99
20) Methylene Chloride	5.15	84	53960	1.26	ppbv	97
21) Allyl Chloride	5.22	41	79332	1.23	ppbv	96
22) trans-1,2-Dichloroethene	5.76	96	53313	1.12	ppbv	94
23) Vinyl Acetate	5.98	43	187428	1.08	ppbv	96
24) 1,1-Dichloroethane	5.90	63	128651	1.14	ppbv	99
25) Ethyl Acetate	6.67	43	186782	1.05	ppbv	98
26) Hexane	6.65	57	89242	1.07	ppbv	98
27) Carbon Disulfide	5.39	76	141830	1.23	ppbv #	92
28) Methyl tert-Butyl Ether	5.96	73	175706	1.13	ppbv	98
29) Chloroform	6.73	83	182502	1.31	ppbv	91
30) Cyclohexane	8.28	84	84457	1.11	ppbv #	70
31) cis-1,2-Dichloroethene	6.51	61	85615	1.07	ppbv	96
32) 1,1,1-Trichloroethane	7.59	97	192819	1.23	ppbv	99
34) 2-Butanone	6.20	43	106984	0.98	ppbv	100
35) Carbon Tetrachloride	8.15	117	205788	1.24	ppbv	98
36) Benzene	8.01	78	186454	1.03	ppbv	96
37) 1,2-Dichloroethane	7.37	62	160584	1.27	ppbv	100
38) Trichloroethene	9.06	130	91047	1.16	ppbv	96
39) 1,2-Dichloropropane	8.82	63	69931	1.04	ppbv	98
40) 1,4-Dioxane	9.17	88	6552	0.44	ppbv #	1
41) Tetrahydrofuran	7.13	42	50464	0.86	ppbv	98
42) Bromodichloromethane	9.02	83	189253	1.20	ppbv	100
43) Methyl Methacrylate	9.26	69	67869	1.01	ppbv	99

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025606.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 07 13:10:33 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 07 13:08:42 2015
 QLast Update : Tue Jul 07 13:08:42 2015
 Response via : Initial Calibration

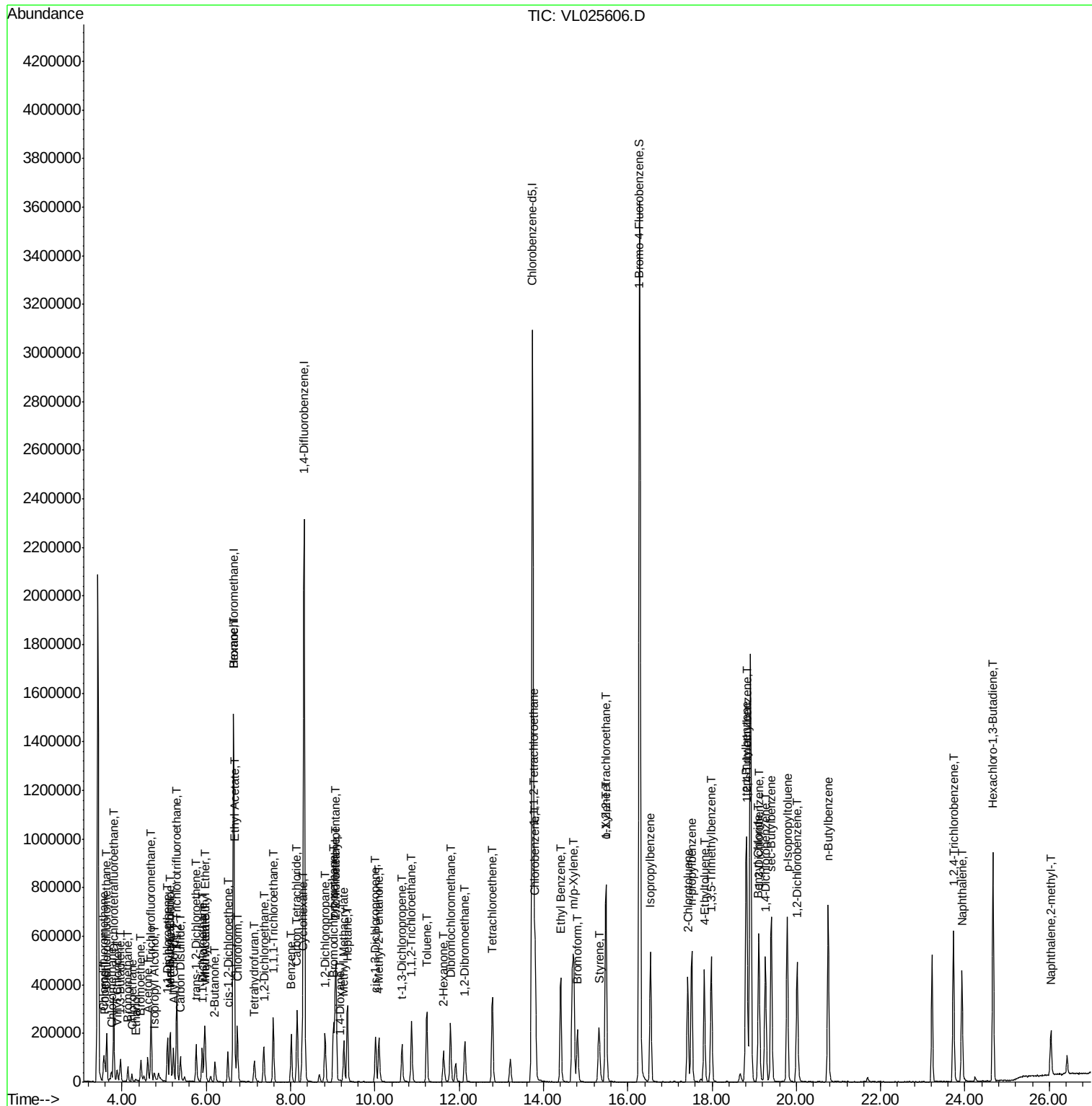
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.08	57	322549	1.03	ppbv	98
45) t-1,3-Dichloropropene	10.65	75	105391	1.00	ppbv	98
46) cis-1,3-Dichloropropene	10.02	75	121713	0.99	ppbv	99
47) 1,1,2-Trichloroethane	10.87	97	95178	1.13	ppbv	99
48) Dibromochloromethane	11.79	129	163646	1.21	ppbv	98
49) Bromoform	14.80	173	134682	1.24	ppbv	99
50) 4-Methyl-2-Pentanone	10.10	43	152592	1.03	ppbv	100
51) 2-Hexanone	11.63	43	124467	0.94	ppbv #	98
52) Tetrachloroethene	12.79	164	99632	1.20	ppbv	99
53) Toluene	11.23	91	251985	1.06	ppbv	98
54) 1,2-Dibromoethane	12.14	107	150779	1.17	ppbv	97
56) 1,1,1,2-Tetrachloroethane	13.78	131	138371	1.25	ppbv #	1
57) Chlorobenzene	13.80	112	278406	1.22	ppbv	97
58) Ethyl Benzene	14.41	91	409510	1.11	ppbv	99
59) m/p-Xylene	14.71	91	429354	1.39	ppbv #	51
60) o-Xylene	15.49	91	403205	1.23	ppbv	98
61) Styrene	15.31	104	120886	0.97	ppbv	98
62) Isopropylbenzene	16.54	105	514056	1.19	ppbv	99
63) 1,1,2,2-Tetrachloroethane	15.48	83	275153	1.18	ppbv	99
64) n-propylbenzene	17.52	120	141280	1.23	ppbv	97
65) tert-Butylbenzene	18.80	119	524373	1.30	ppbv	100
66) Benzyl Chloride	19.10	91	168640	1.23	ppbv	97
67) sec-Butylbenzene	19.40	105	745578	1.32	ppbv	98
69) p-Isopropyltoluene	19.78	119	602042	1.31	ppbv	99
70) n-Butylbenzene	20.75	91	616290	1.38	ppbv	97
71) 2-Chlorotoluene	17.42	91	374278	1.16	ppbv	100
72) 4-Ethyltoluene	17.82	105	437192	1.22	ppbv	98
73) 1,3,5-Trimethylbenzene	17.98	105	429505	1.24	ppbv	98
74) 1,2,4-Trimethylbenzene	18.83	105	497546	1.33	ppbv #	91
75) 1,3-Dichlorobenzene	19.11	146	323805	1.36	ppbv	100
76) 1,4-Dichlorobenzene	19.27	146	321016	1.35	ppbv	100
77) 1,2-Dichlorobenzene	20.02	146	317736	1.35	ppbv	100
78) Hexachloro-1,3-Butadiene	24.66	225	205142	1.69	ppbv	99
79) Naphthalene	23.93	128	491273	1.61	ppbv	99
80) Naphthalene,2-methyl-	26.04	142	140072	1.79	ppbv	99
81) 1,2,4-Trichlorobenzene	23.73	180	234841	1.65	ppbv	99

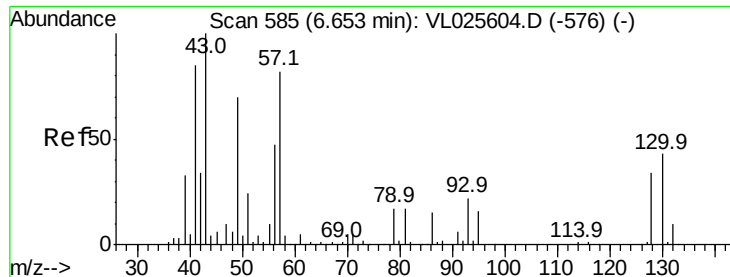
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
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MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Jul 07 13:10:33 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 07 13:08:42 2015
QLast Update : Tue Jul 07 13:08:42 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

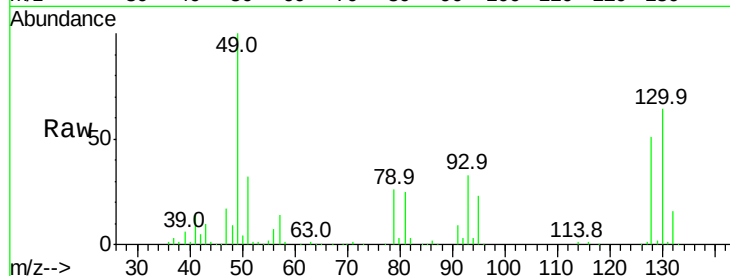
Tgt Ion: 49 Resp: 669556

Ion Ratio Lower Upper

49 100

128 51.2 25.4 76.0

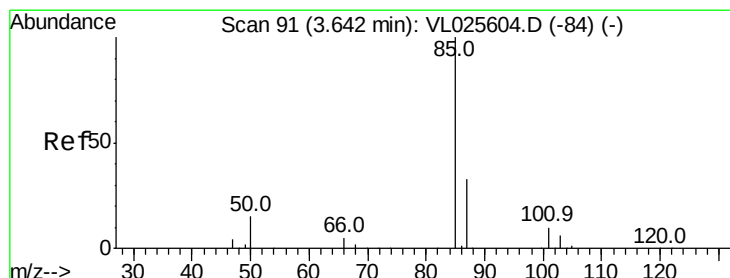
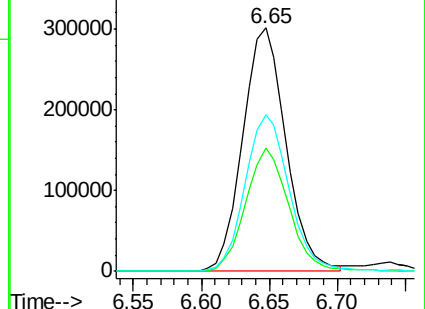
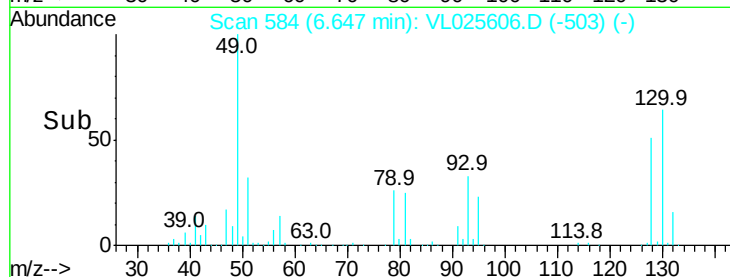
130 66.7 31.9 95.9



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: 1.24 ppbv

RT: 3.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VL025606.D

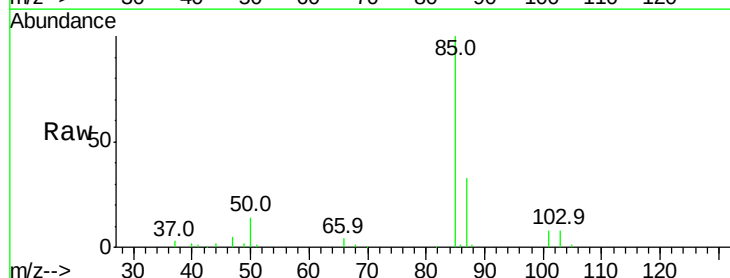
Acq: 7 Jul 2015 11:53

Tgt Ion: 85 Resp: 192266

Ion Ratio Lower Upper

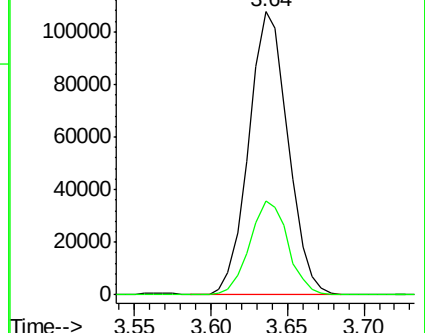
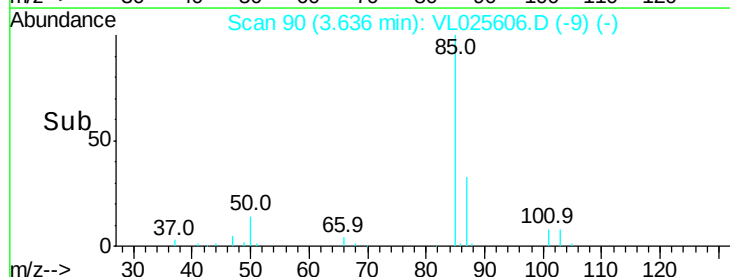
85 100

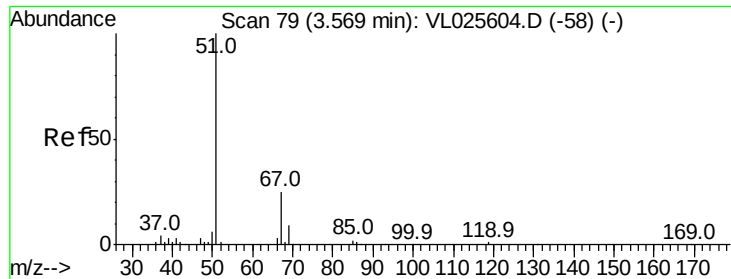
87 33.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.29 ppbv

RT: 3.57 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

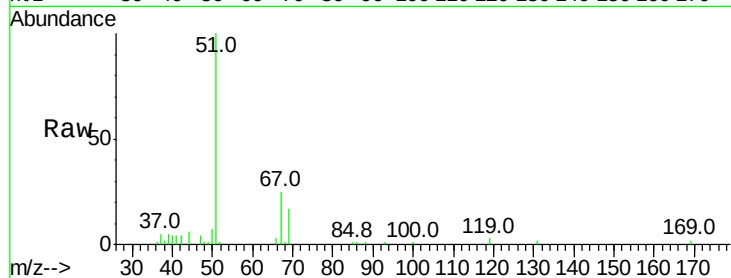
VSTDIC001

Tgt Ion: 51 Resp: 103962

Ion Ratio Lower Upper

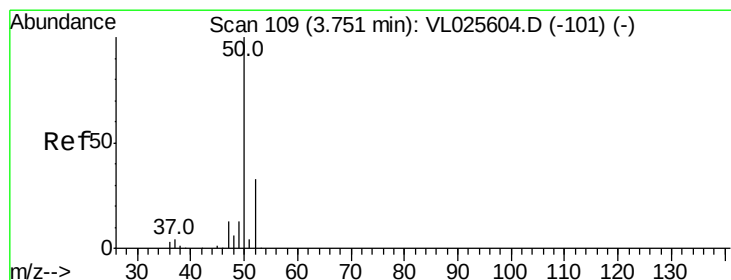
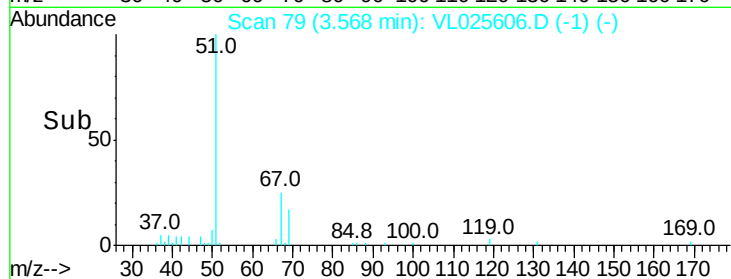
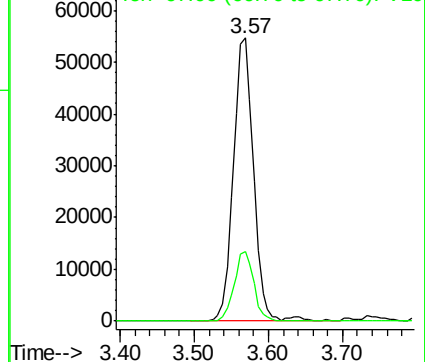
51 100

67 23.9 19.5 29.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 1.09 ppbv

RT: 3.75 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL025606.D

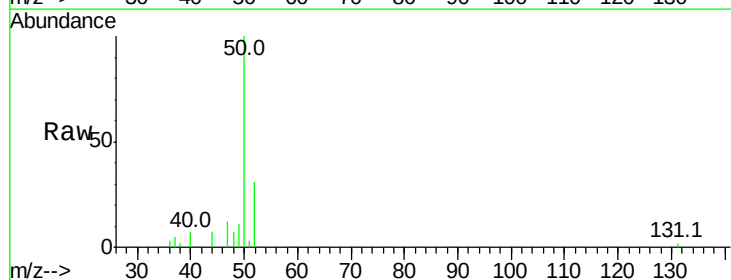
Acq: 7 Jul 2015 11:53

Tgt Ion: 50 Resp: 45703

Ion Ratio Lower Upper

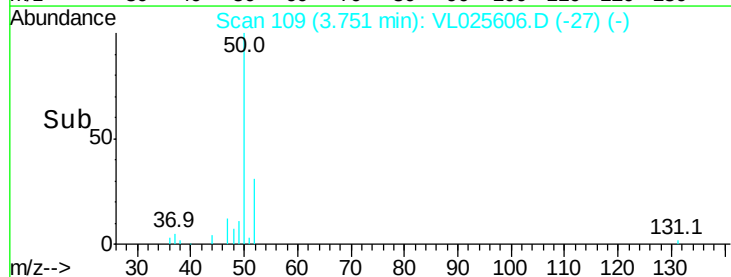
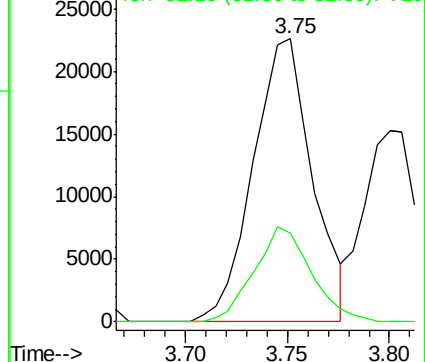
50 100

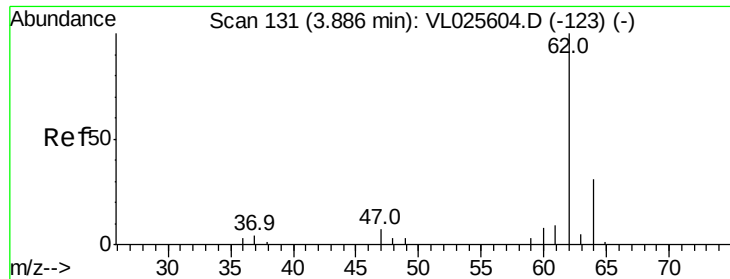
52 31.3 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 1.07 ppbv

RT: 3.89 min Scan# 132

Delta R.T. 0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

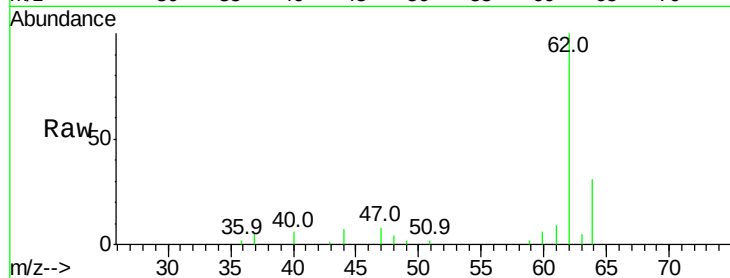
VSTDIC001

Tgt Ion: 62 Resp: 50024

Ion Ratio Lower Upper

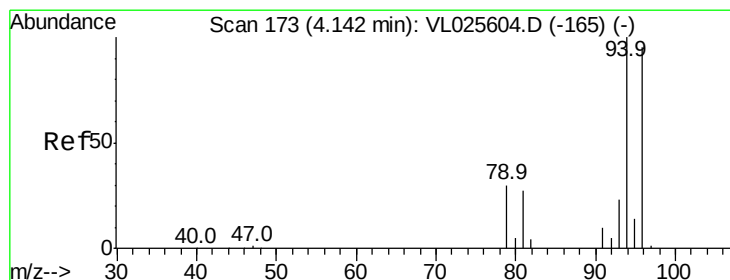
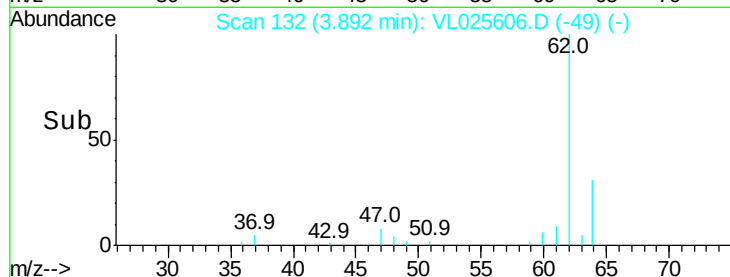
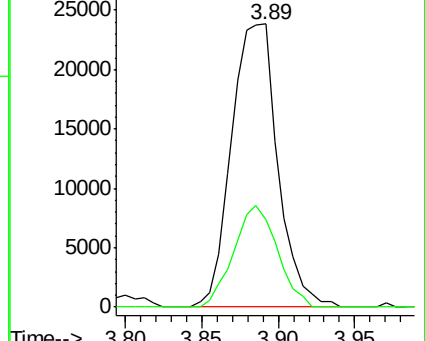
62 100

64 30.8 25.0 37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 1.28 ppbv

RT: 4.14 min Scan# 173

Delta R.T. -0.00 min

Lab File: VL025606.D

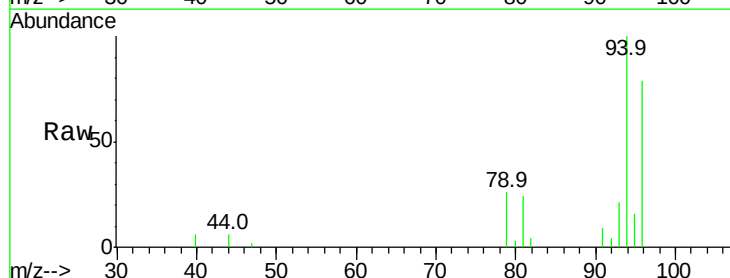
Acq: 7 Jul 2015 11:53

Tgt Ion: 94 Resp: 40576

Ion Ratio Lower Upper

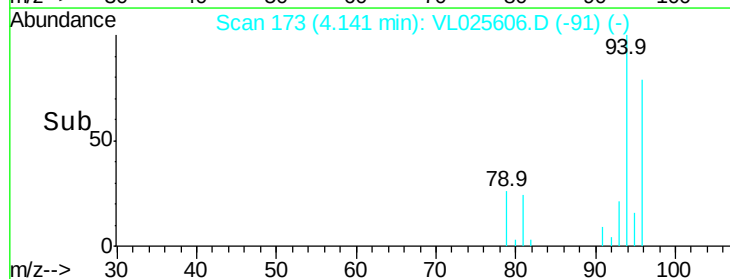
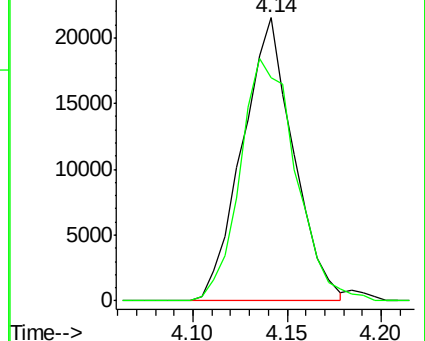
94 100

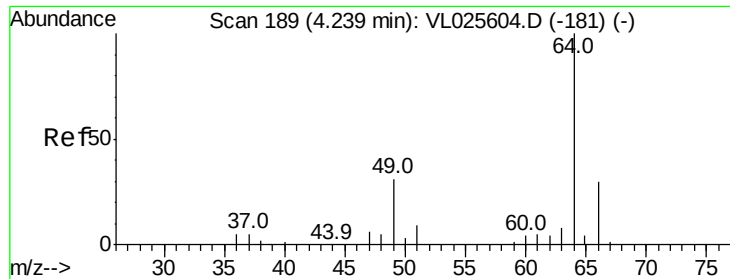
96 78.8 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 1.23 ppbv

RT: 4.24 min Scan# 189

Delta R.T. -0.00 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

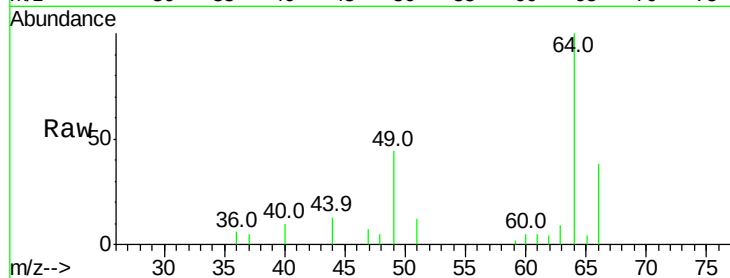
VSTDIC001

Tgt Ion: 64 Resp: 23803

Ion Ratio Lower Upper

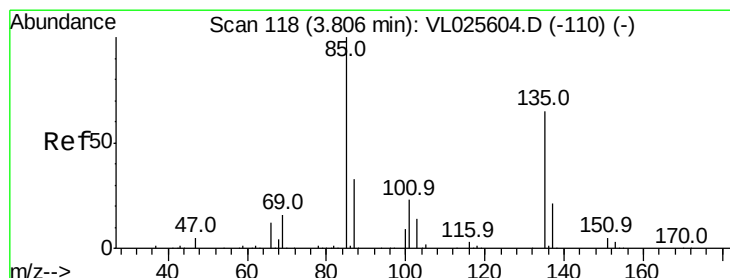
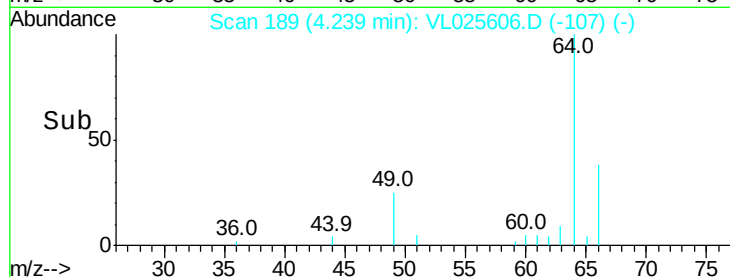
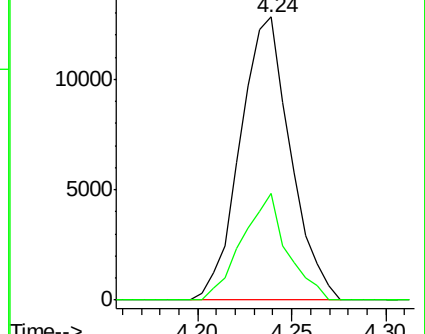
64 100

66 37.7 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: 1.35 ppbv

RT: 3.80 min Scan# 117

Delta R.T. -0.01 min

Lab File: VL025606.D

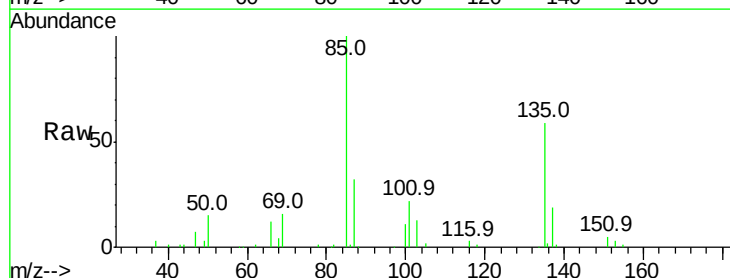
Acq: 7 Jul 2015 11:53

Tgt Ion: 85 Resp: 169408

Ion Ratio Lower Upper

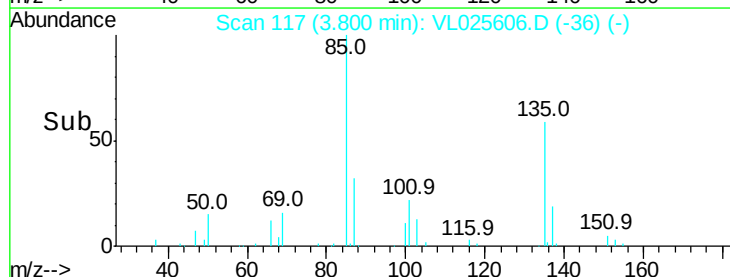
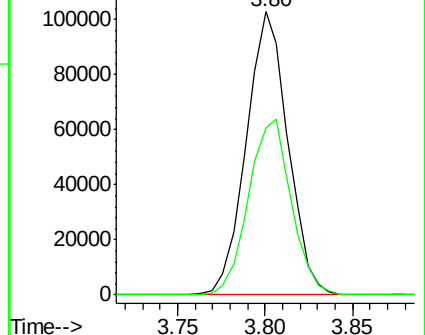
85 100

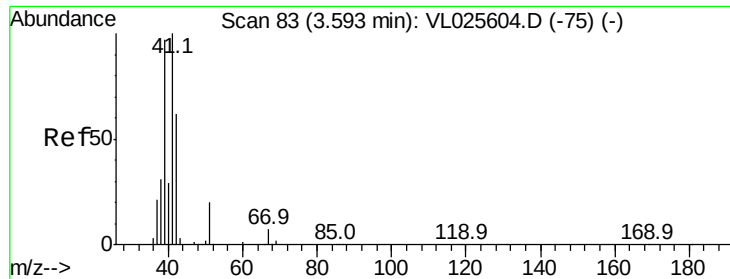
135 63.9 52.2 78.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 1.01 ppbv

RT: 3.59 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

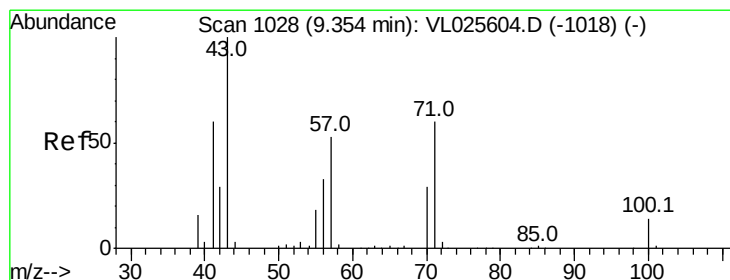
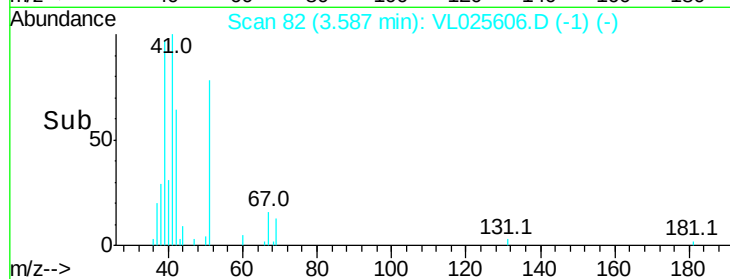
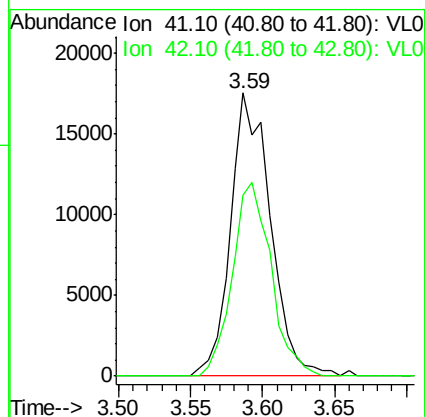
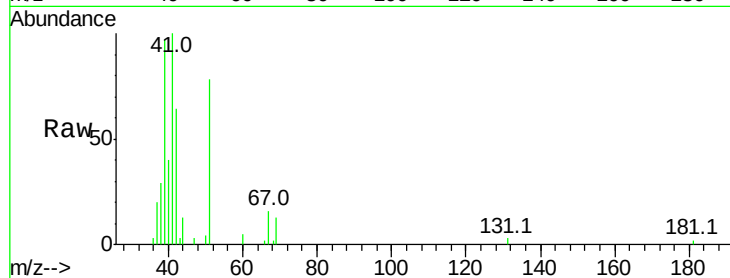
VSTDIC001

Tgt Ion: 41 Resp: 33827

Ion Ratio Lower Upper

41 100

42 66.3 52.4 78.6



#10

Heptane

Concen: 1.07 ppbv

RT: 9.35 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VL025606.D

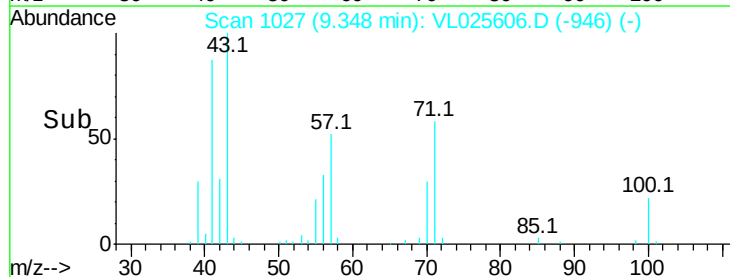
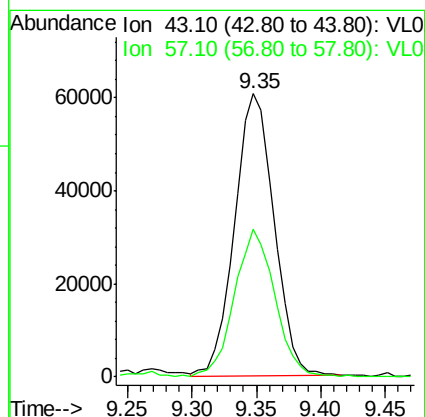
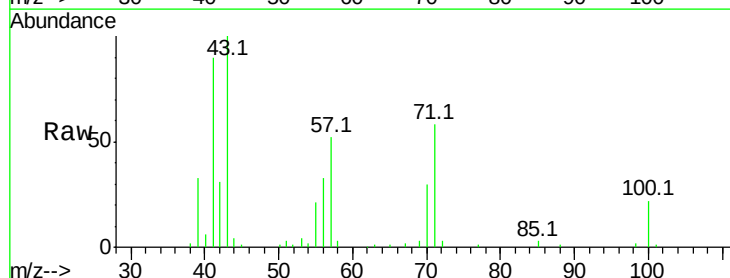
Acq: 7 Jul 2015 11:53

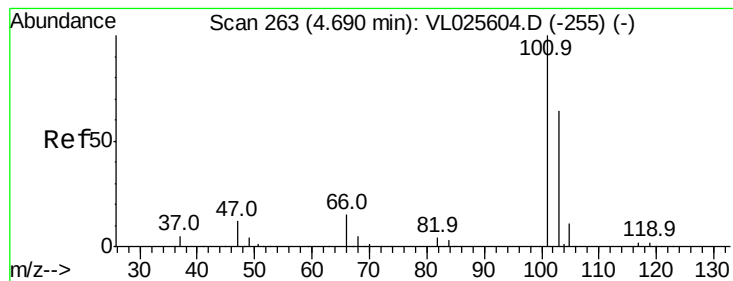
Tgt Ion: 43 Resp: 128493

Ion Ratio Lower Upper

43 100

57 53.8 42.6 64.0





#11

Trichlorofluoromethane

Concen: 1.52 ppbv

RT: 4.69 min Scan# 263

Delta R.T. -0.00 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

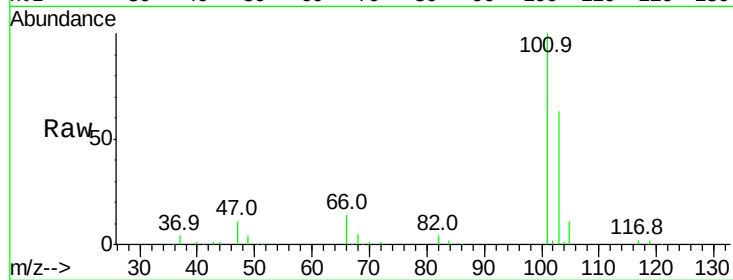
VSTDIC001

Tgt Ion:101 Resp: 248253

Ion Ratio Lower Upper

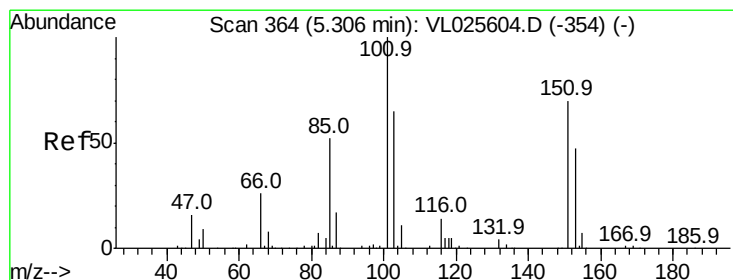
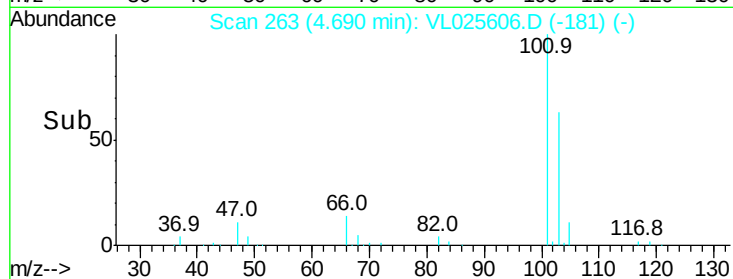
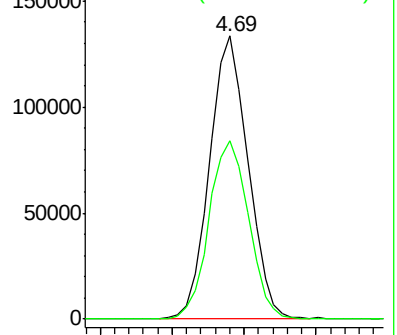
101 100

103 63.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.40 ppbv

RT: 5.30 min Scan# 363

Delta R.T. -0.01 min

Lab File: VL025606.D

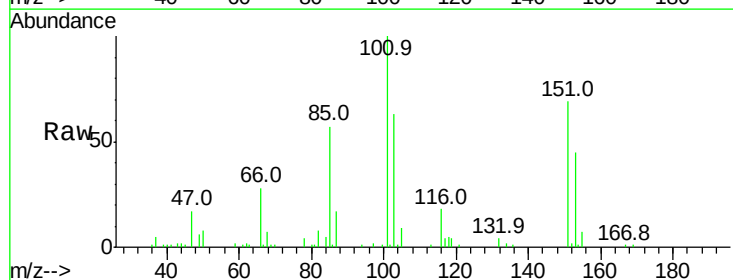
Acq: 7 Jul 2015 11:53

Tgt Ion:101 Resp: 138077

Ion Ratio Lower Upper

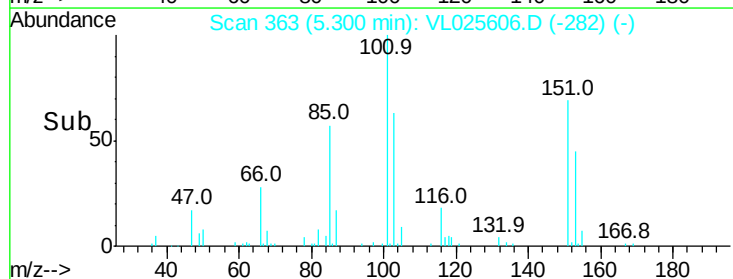
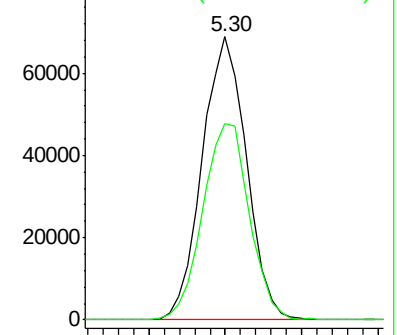
101 100

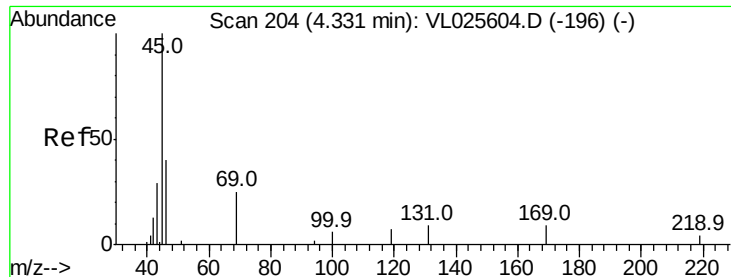
151 72.9 56.3 84.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.59 ppbv

RT: 4.34 min Scan# 206

Delta R.T. 0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

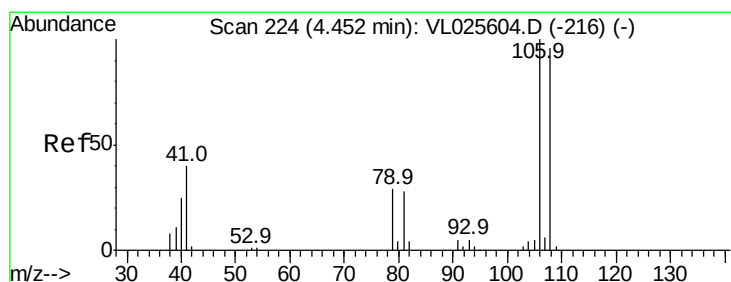
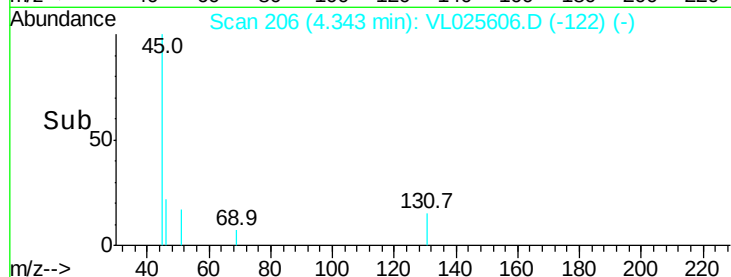
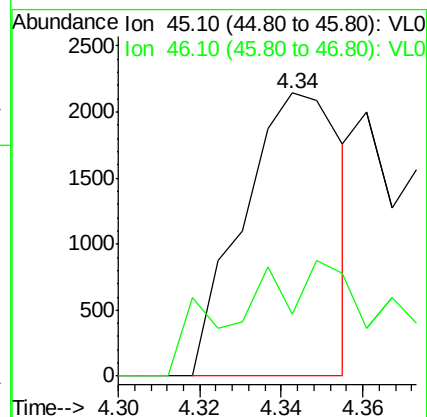
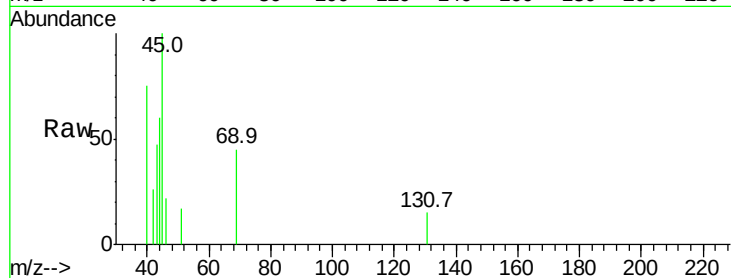
VSTDIC001

Tgt Ion: 45 Resp: 3601

Ion Ratio Lower Upper

45 100

46 66.8 16.0 64.0#



#14

Bromoethene

Concen: 1.32 ppbv

RT: 4.45 min Scan# 223

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

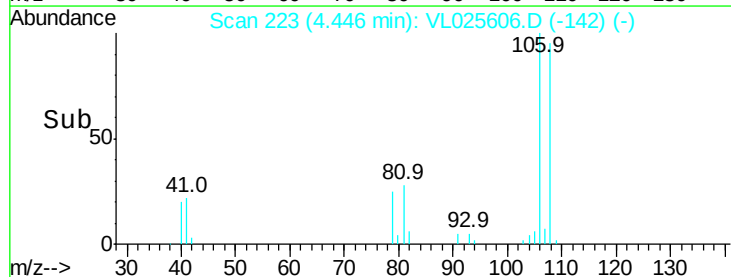
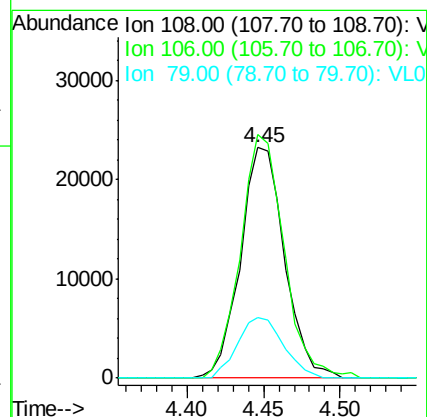
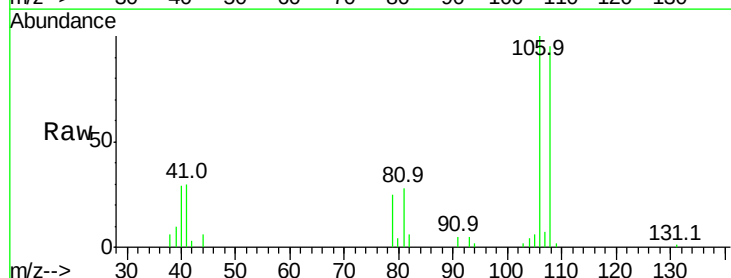
Tgt Ion: 108 Resp: 46651

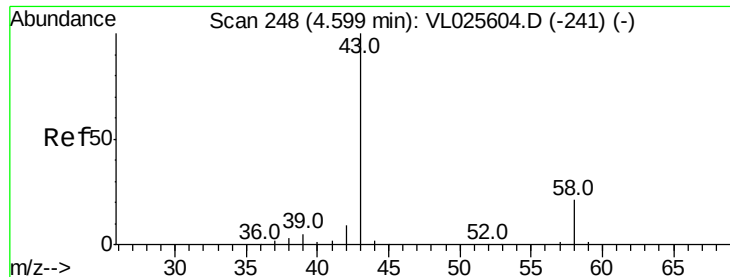
Ion Ratio Lower Upper

108 100

106 104.1 85.7 128.5

79 27.0 24.6 36.8





#15

Acetone

Concen: 1.39 ppbv

RT: 4.60 min Scan# 249

Delta R.T. 0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

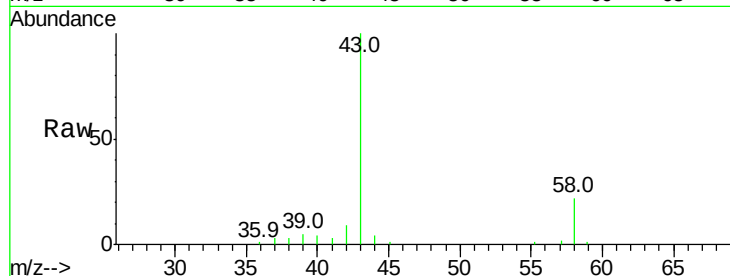
VSTDIC001

Tgt Ion: 43 Resp: 137298

Ion Ratio Lower Upper

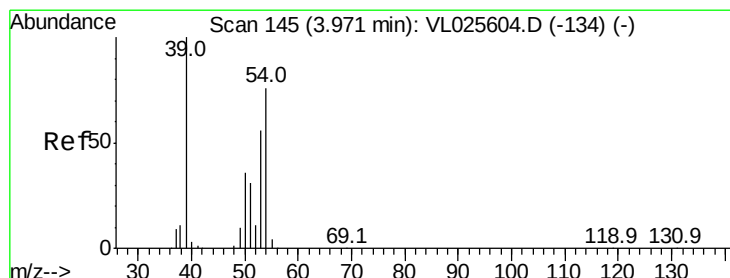
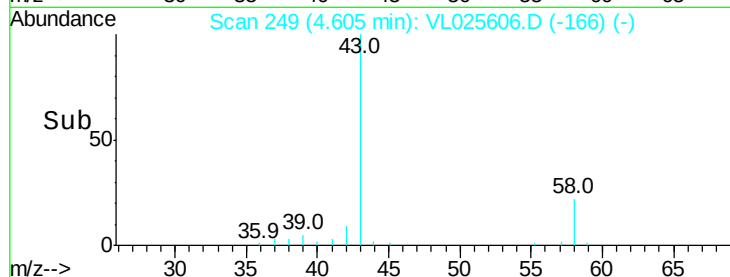
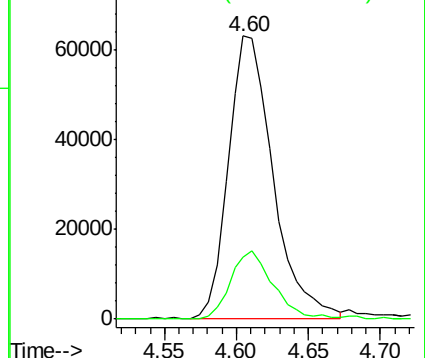
43 100

58 23.4 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: 1.17 ppbv

RT: 3.96 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL025606.D

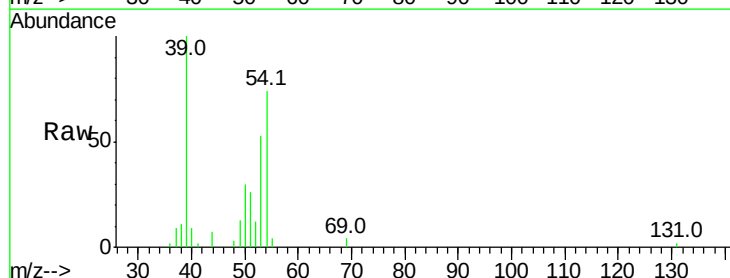
Acq: 7 Jul 2015 11:53

Tgt Ion: 39 Resp: 50660

Ion Ratio Lower Upper

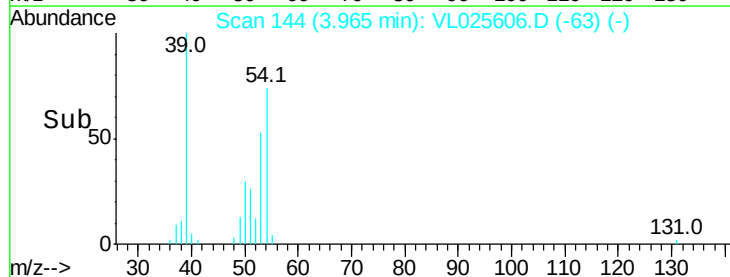
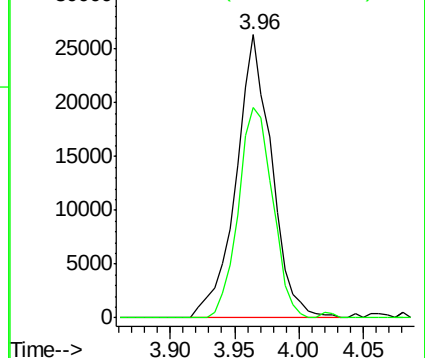
39 100

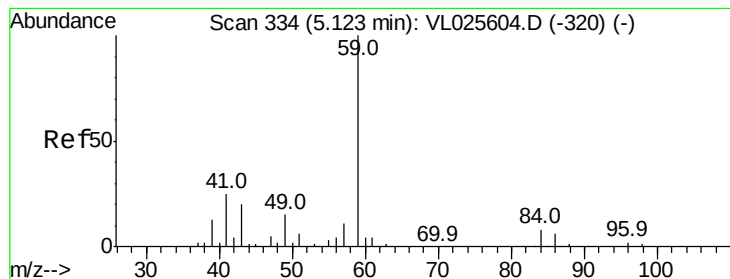
54 71.4 59.3 88.9



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0



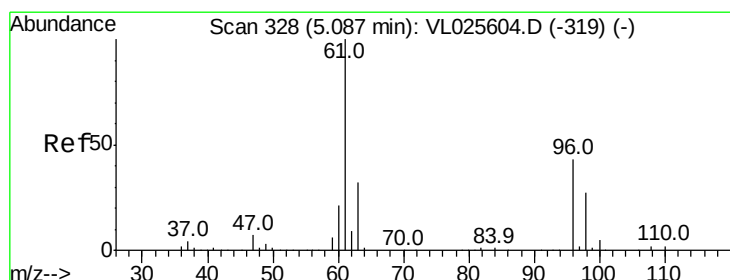
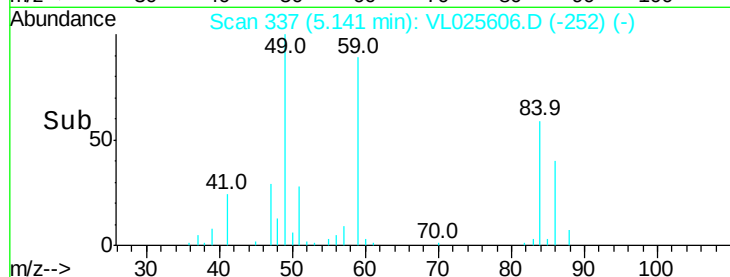
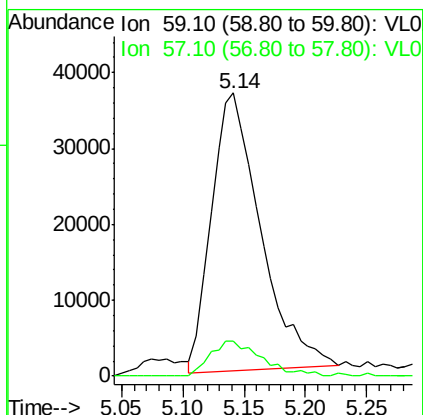
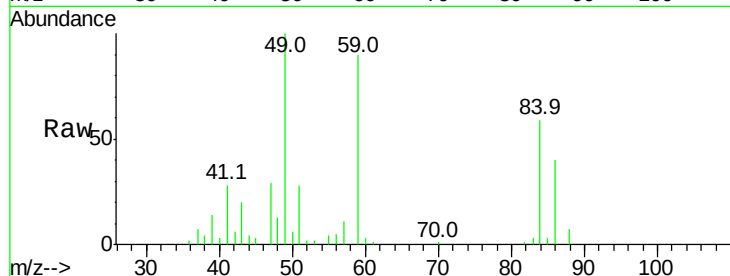


#17

tert-Butyl alcohol
 Concen: 1.21 ppbv
 RT: 5.14 min Scan# 337
 Delta R.T. 0.02 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

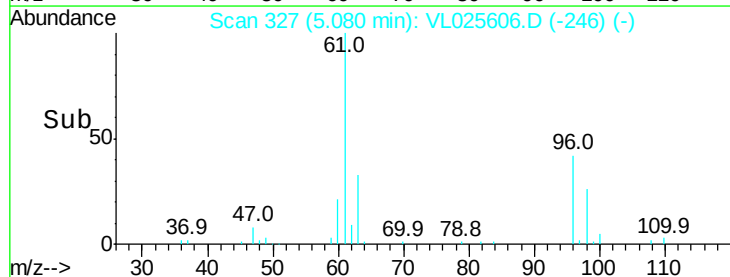
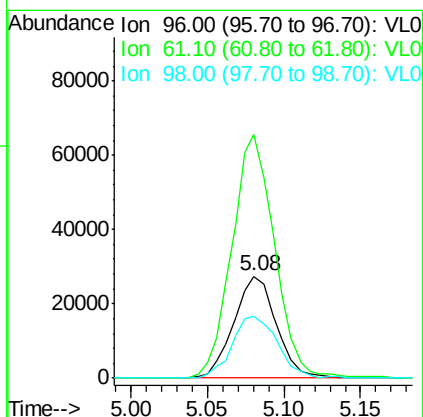
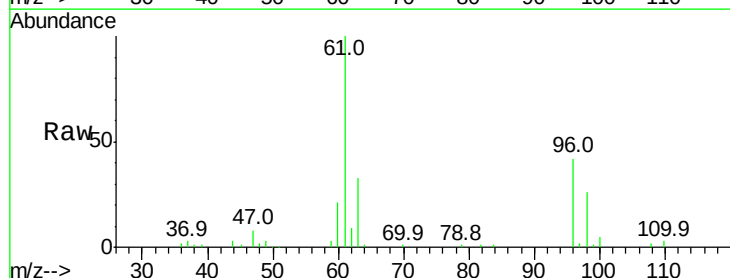
Tgt Ion: 59 Resp: 102094
 Ion Ratio Lower Upper
 59 100
 57 13.5 9.4 14.2

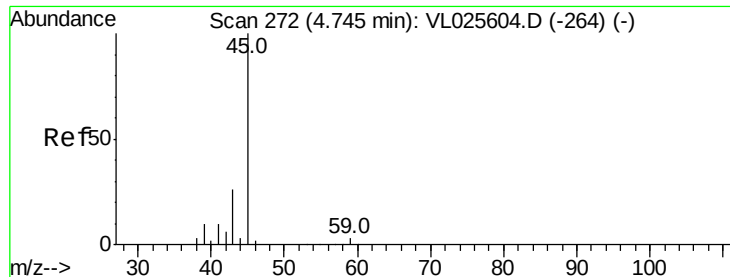


#18

1,1-Dichloroethene
 Concen: 1.30 ppbv
 RT: 5.08 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Tgt Ion: 96 Resp: 52909
 Ion Ratio Lower Upper
 96 100
 61 238.8 184.1 276.1
 98 61.0 50.0 75.0





#19

Isopropyl Alcohol

Concen: 1.21 ppbv

RT: 4.76 min Scan# 275

Delta R.T. 0.02 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

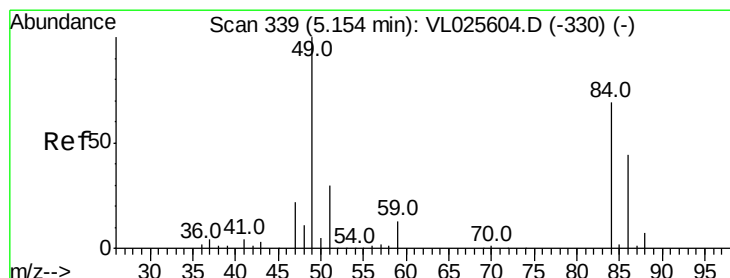
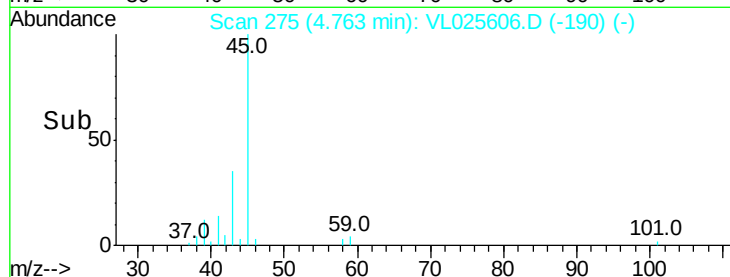
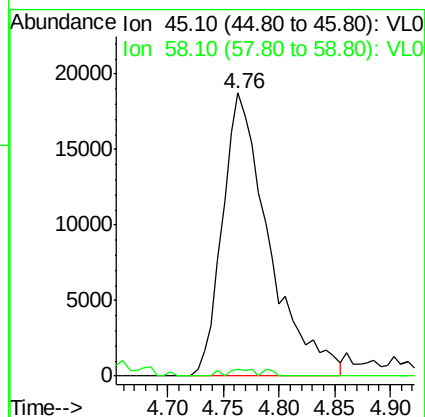
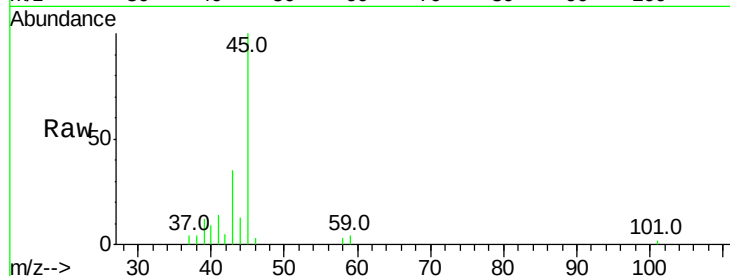
VSTDIC001

Tgt Ion: 45 Resp: 54443

Ion Ratio Lower Upper

45 100

58 2.0 1.1 1.7#



#20

Methylene Chloride

Concen: 1.26 ppbv

RT: 5.15 min Scan# 338

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Tgt Ion: 84 Resp: 53960

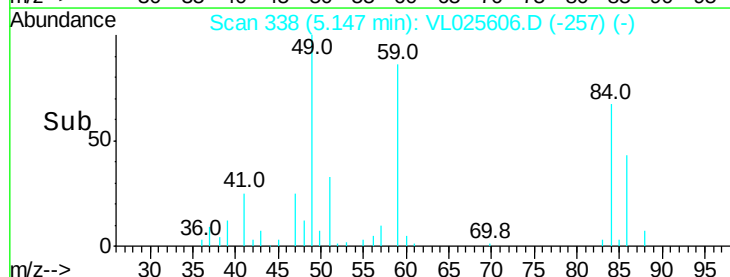
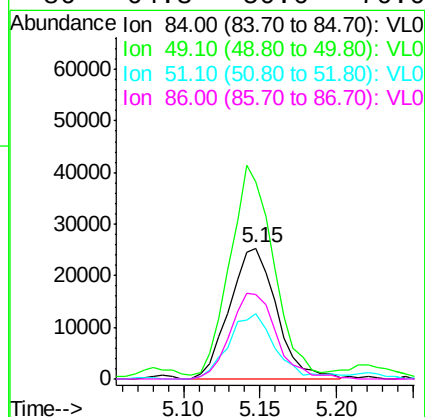
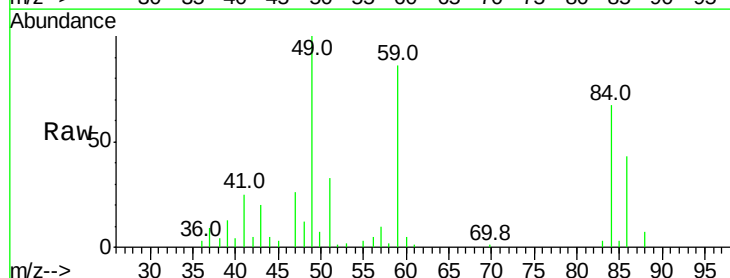
Ion Ratio Lower Upper

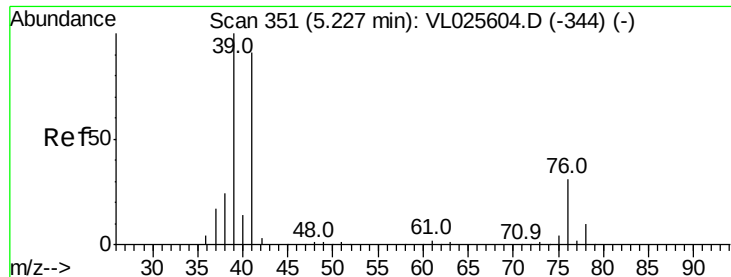
84 100

49 147.4 115.2 172.8

51 49.7 35.0 52.6

86 64.3 50.6 76.0





#21

Allyl Chloride

Concen: 1.23 ppbv

RT: 5.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

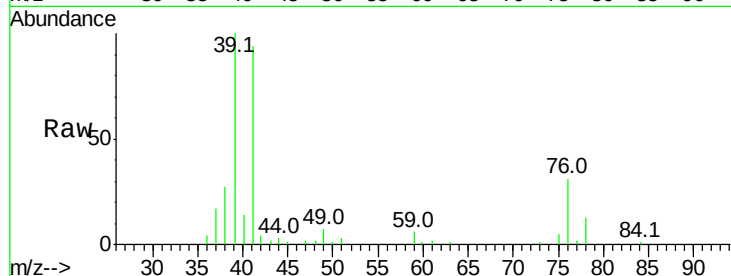
Tgt Ion: 41 Resp: 79332

Ion Ratio Lower Upper

41 100

76 30.5 26.6 40.0

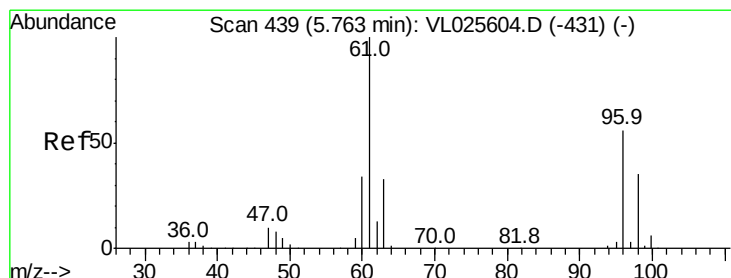
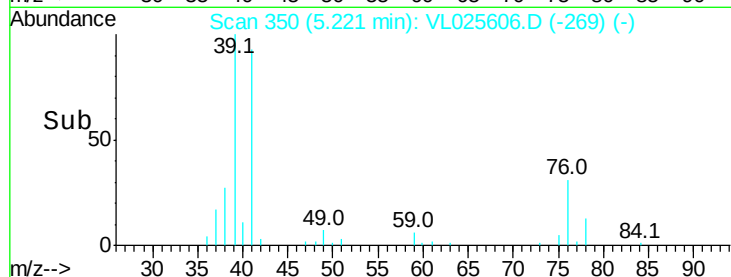
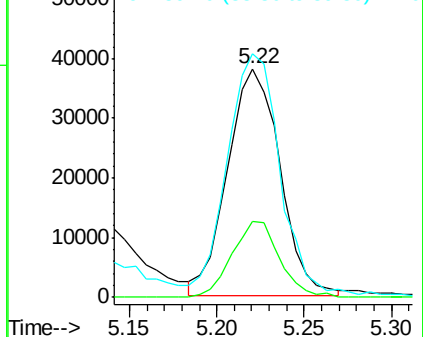
39 114.3 88.2 132.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 1.12 ppbv

RT: 5.76 min Scan# 438

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

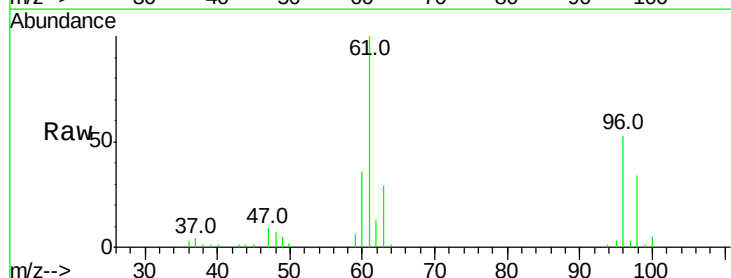
Tgt Ion: 96 Resp: 53313

Ion Ratio Lower Upper

96 100

61 186.9 141.8 212.6

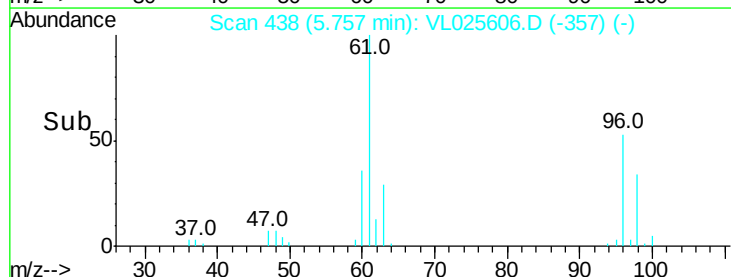
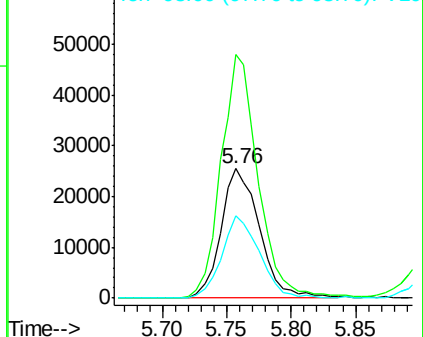
98 63.6 49.0 73.6

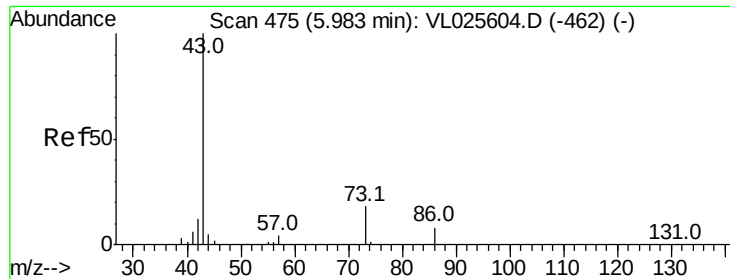


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 1.08 ppbv

RT: 5.98 min Scan# 474

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 187428

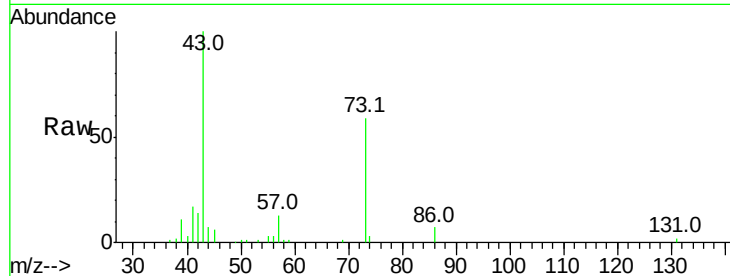
Ion Ratio Lower Upper

43 100

86 7.2 6.7 10.1

42 14.3 9.8 14.6

44 5.9 4.1 6.1

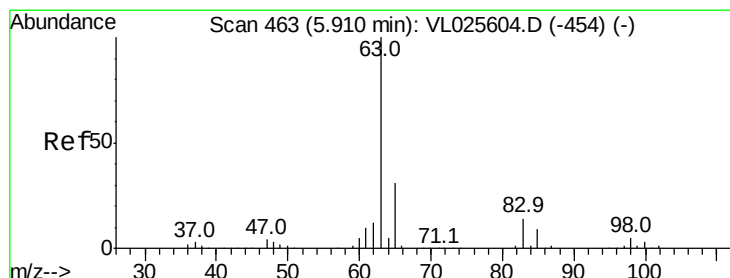
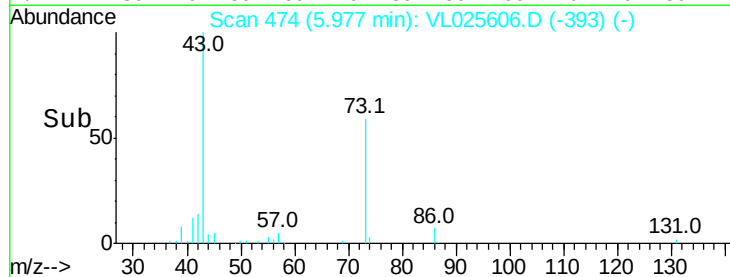
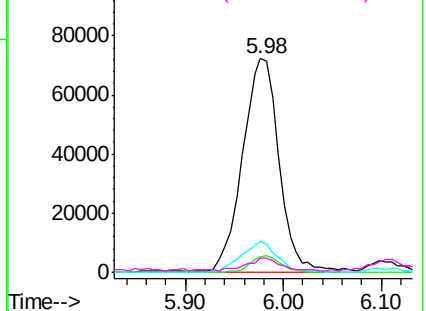


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.14 ppbv

RT: 5.90 min Scan# 462

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

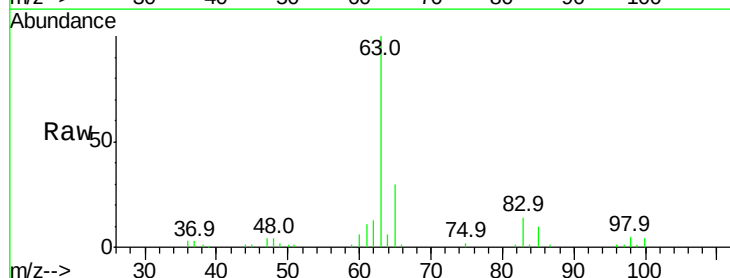
Tgt Ion: 63 Resp: 128651

Ion Ratio Lower Upper

63 100

98 5.4 2.6 8.0

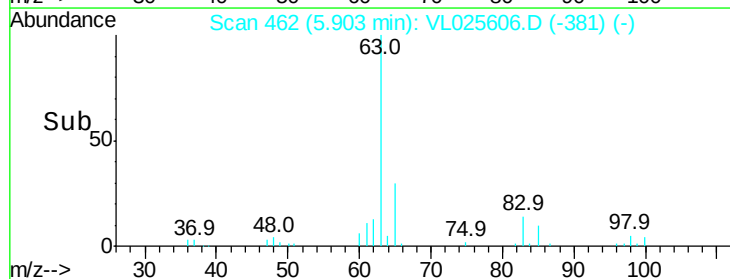
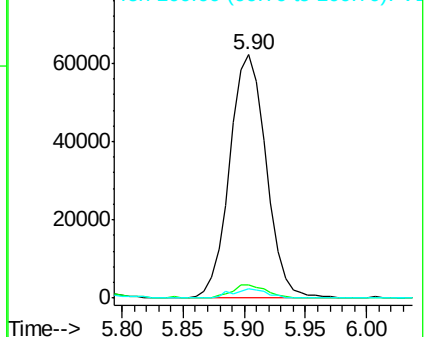
100 3.8 1.6 4.7

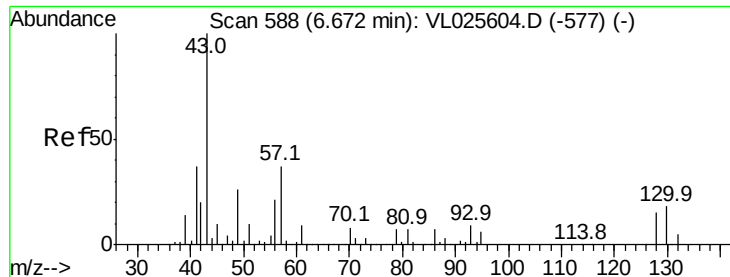


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 1.05 ppbv

RT: 6.67 min Scan# 588

Delta R.T. -0.00 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 186782

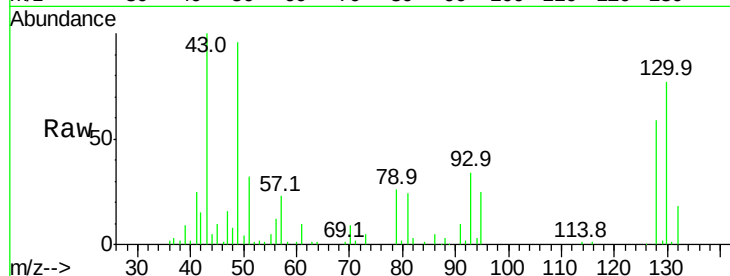
Ion Ratio Lower Upper

43 100

45 9.8 7.5 11.3

61 8.9 6.6 10.0

70 8.7 6.0 9.0

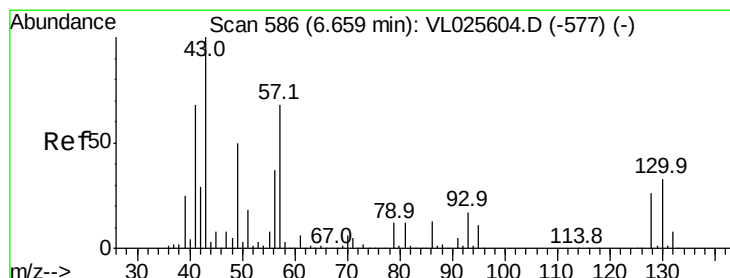
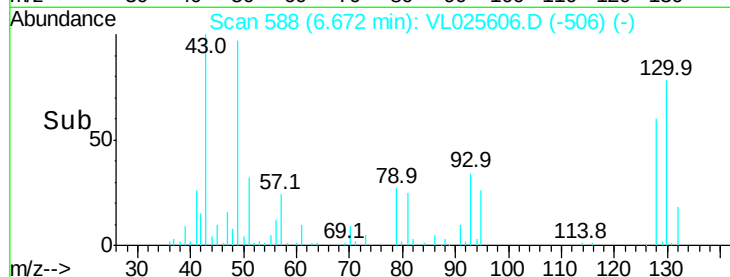
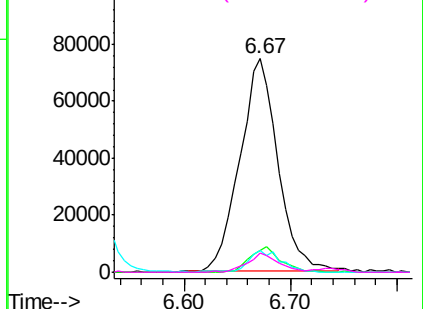


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.07 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Tgt Ion: 57 Resp: 89242

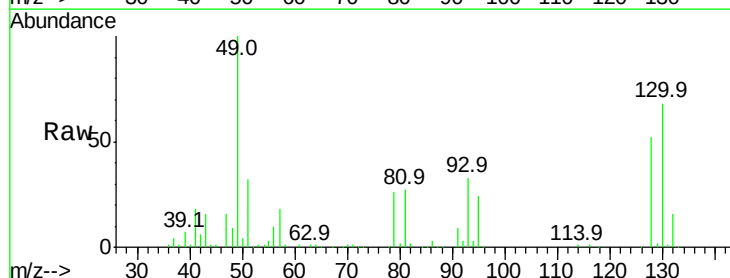
Ion Ratio Lower Upper

57 100

41 104.5 81.4 122.2

43 217.1 171.4 257.2

56 56.2 44.5 66.7

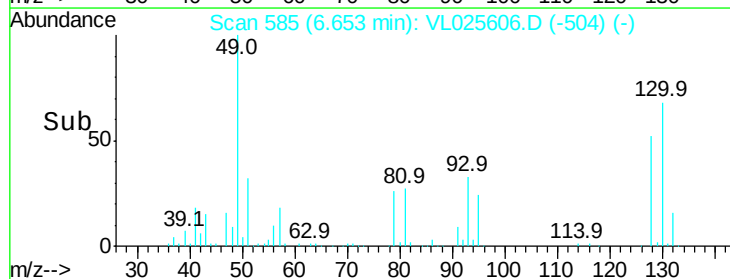
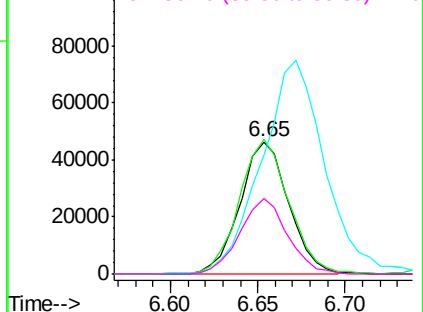


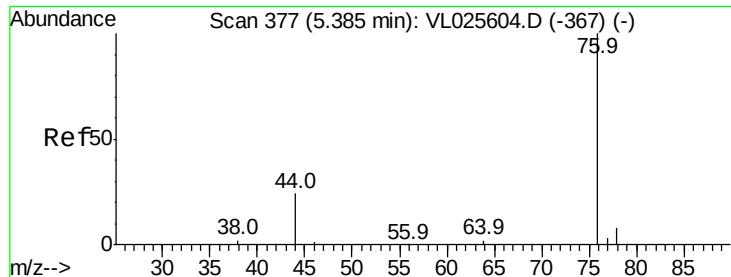
Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 1.23 ppbv

RT: 5.39 min Scan# 377

Delta R.T. -0.00 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

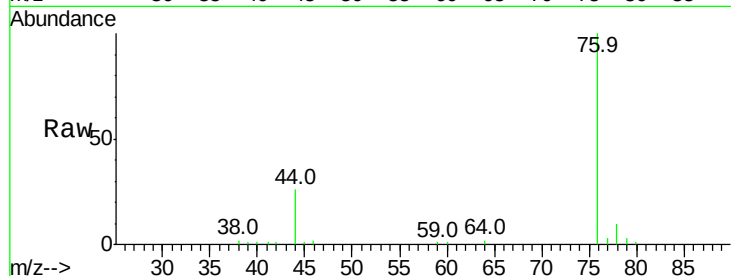
Tgt Ion: 76 Resp: 141830

Ion Ratio Lower Upper

76 100

44 30.6 20.2 30.4#

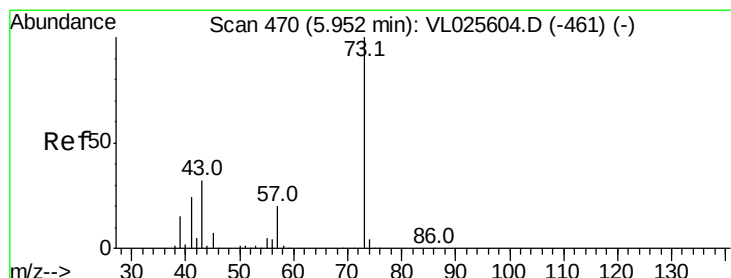
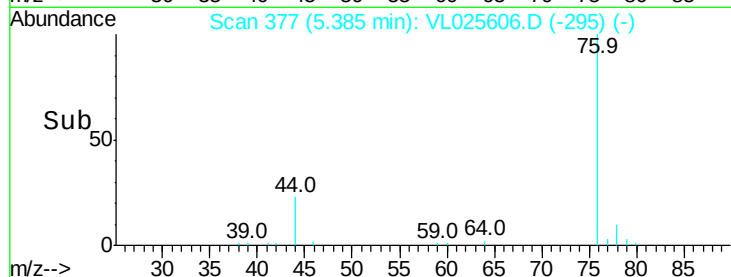
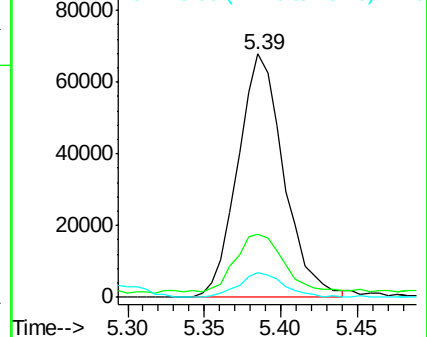
78 9.7 7.4 11.2



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: 1.13 ppbv

RT: 5.96 min Scan# 471

Delta R.T. 0.01 min

Lab File: VL025606.D

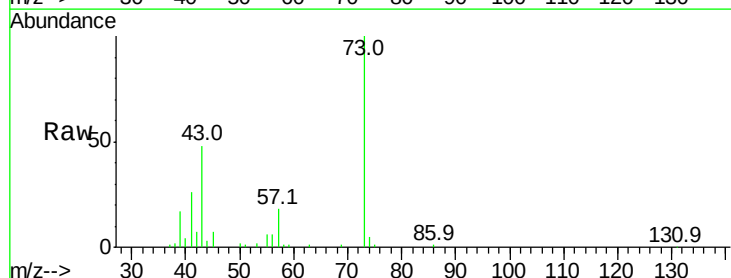
Acq: 7 Jul 2015 11:53

Tgt Ion: 73 Resp: 175706

Ion Ratio Lower Upper

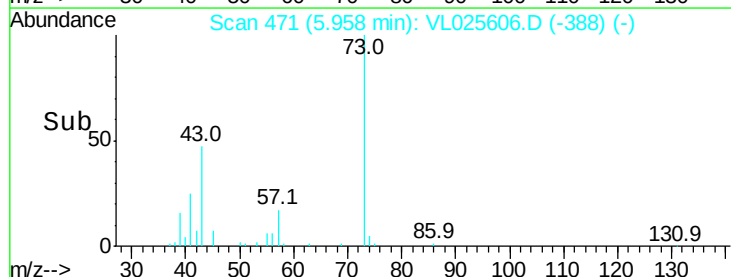
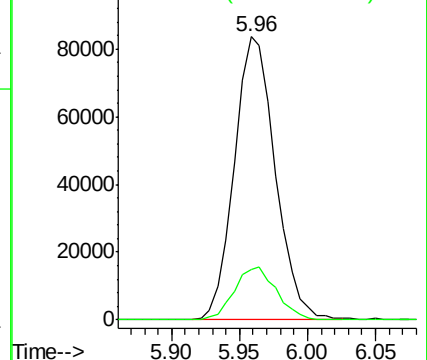
73 100

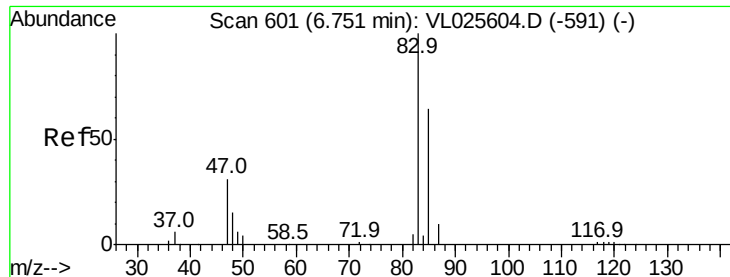
57 19.1 16.0 24.0



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 1.31 ppbv

RT: 6.73 min Scan# 598

Delta R.T. -0.02 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

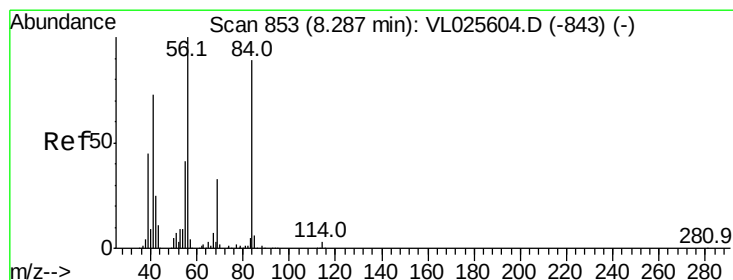
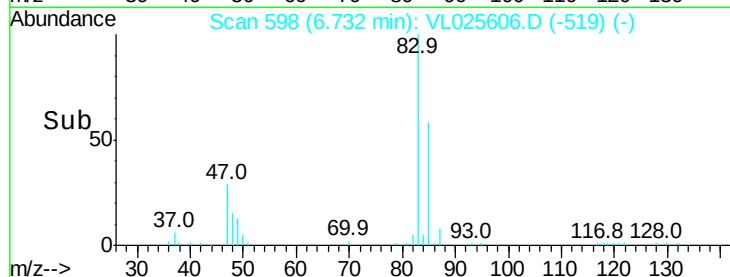
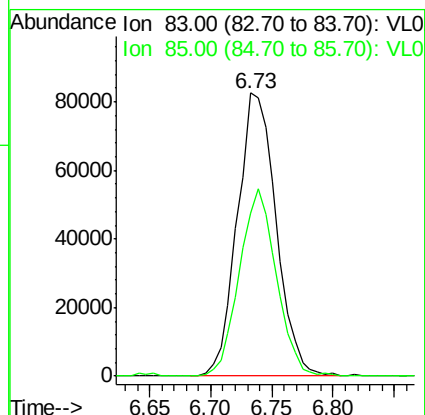
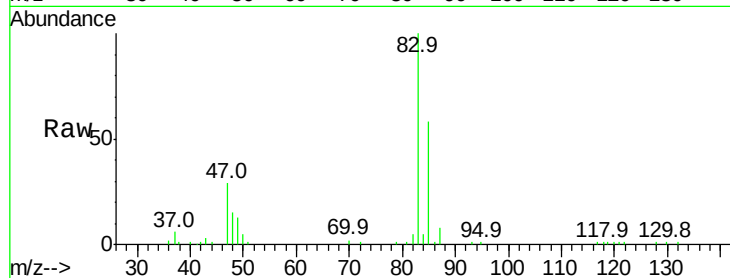
VSTDIC001

Tgt Ion: 83 Resp: 182502

Ion Ratio Lower Upper

83 100

85 57.7 51.6 77.4



#30

Cyclohexane

Concen: 1.11 ppbv

RT: 8.28 min Scan# 852

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

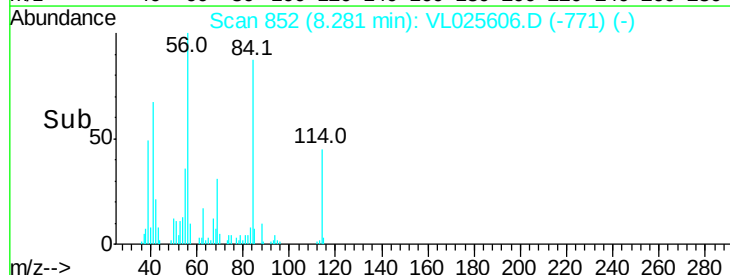
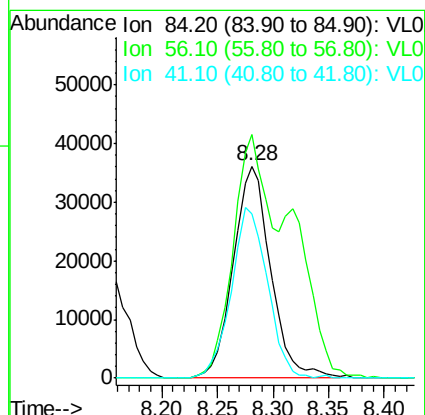
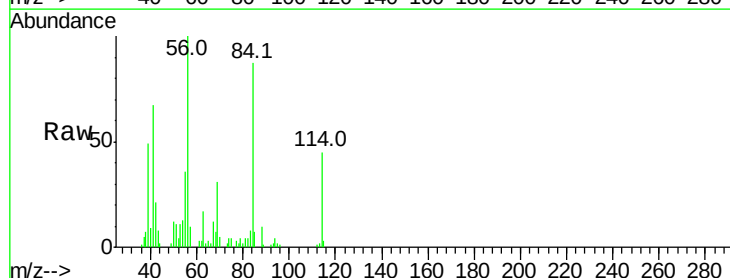
Tgt Ion: 84 Resp: 84457

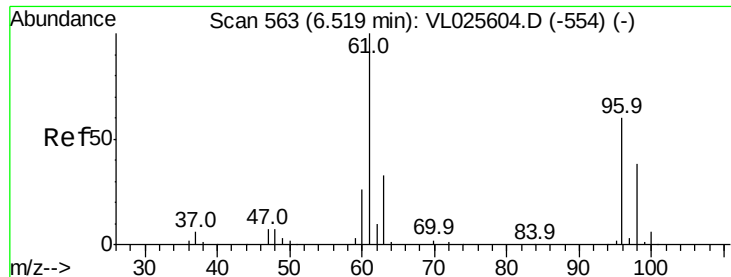
Ion Ratio Lower Upper

84 100

56 174.4 97.5 146.3#

41 77.7 65.4 98.2





#31

cis-1,2-Dichloroethene

Concen: 1.07 ppbv

RT: 6.51 min Scan# 561

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

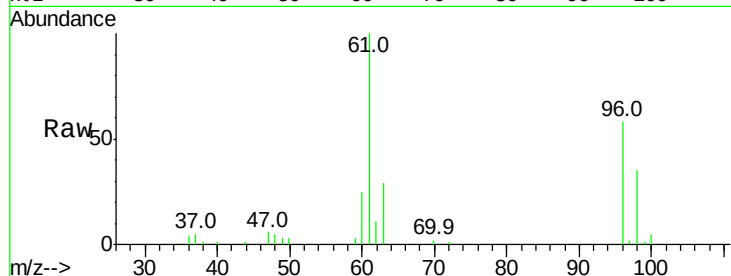
Tgt Ion: 61 Resp: 85615

Ion Ratio Lower Upper

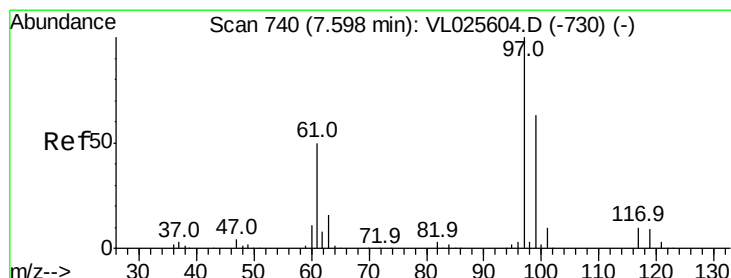
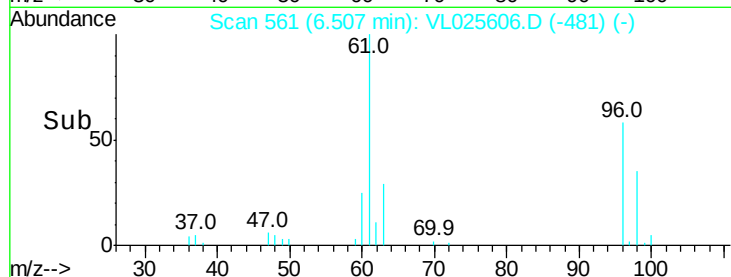
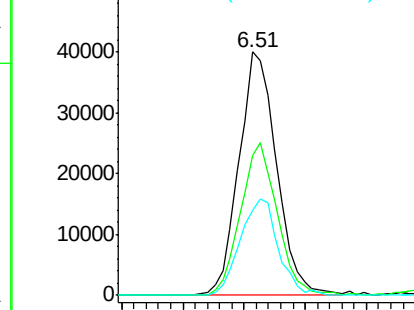
61 100

96 57.5 48.1 72.1

98 34.8 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: 1.23 ppbv

RT: 7.59 min Scan# 738

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

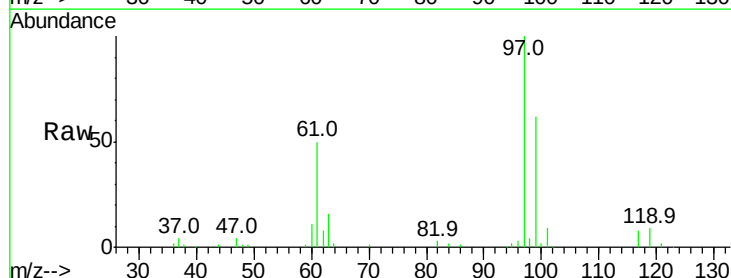
Tgt Ion: 97 Resp: 192819

Ion Ratio Lower Upper

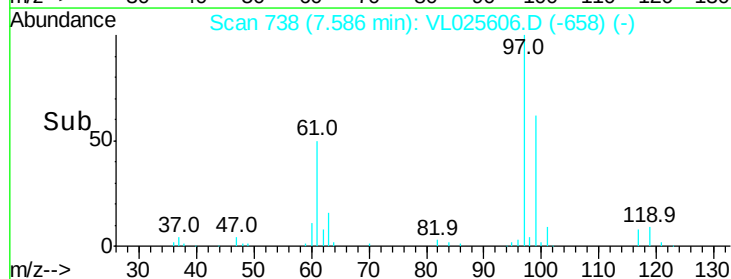
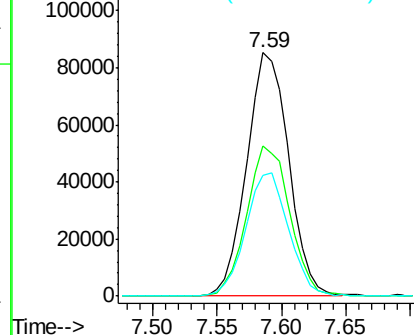
97 100

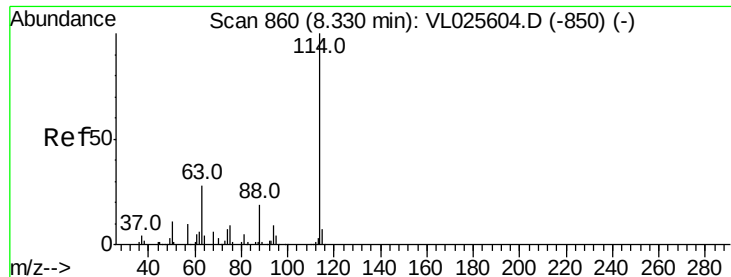
99 63.2 51.2 76.8

61 51.5 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: 8.32 min Scan# 858

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

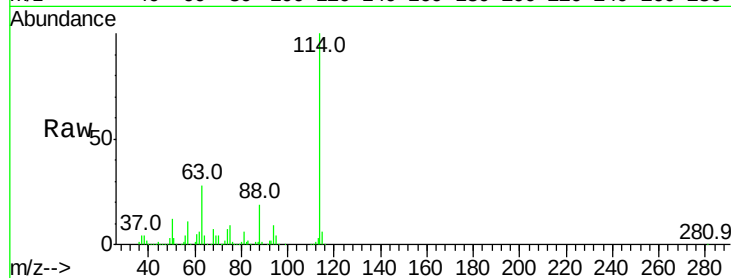
Tgt Ion:114 Resp: 1834367

Ion Ratio Lower Upper

114 100

63 28.0 22.4 33.6

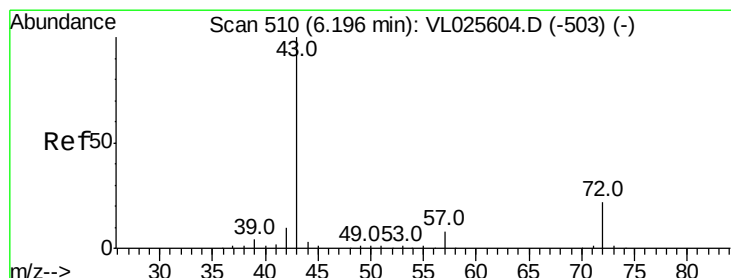
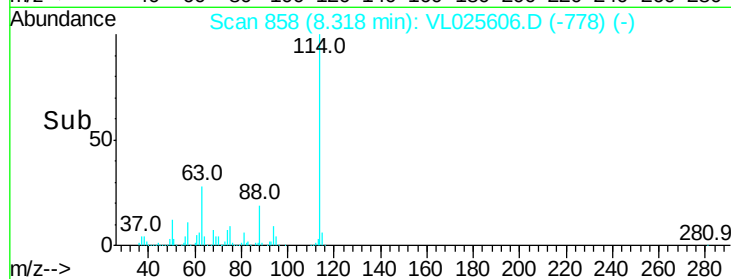
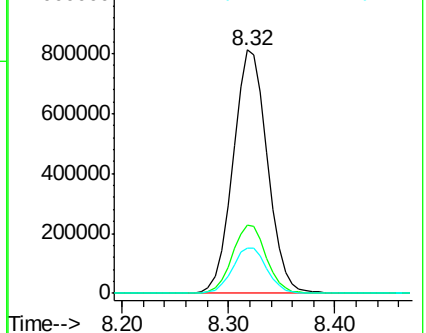
88 18.9 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.98 ppbv

RT: 6.20 min Scan# 511

Delta R.T. 0.01 min

Lab File: VL025606.D

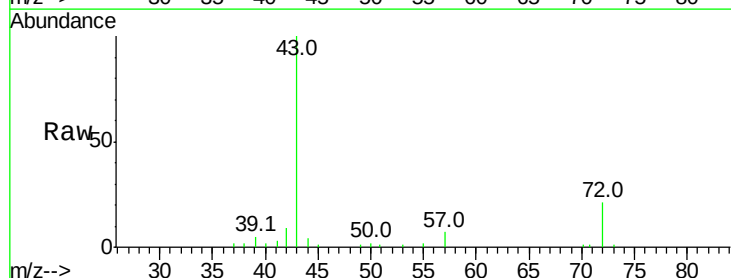
Acq: 7 Jul 2015 11:53

Tgt Ion: 43 Resp: 106984

Ion Ratio Lower Upper

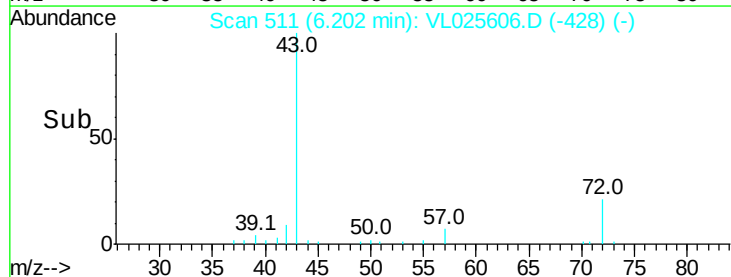
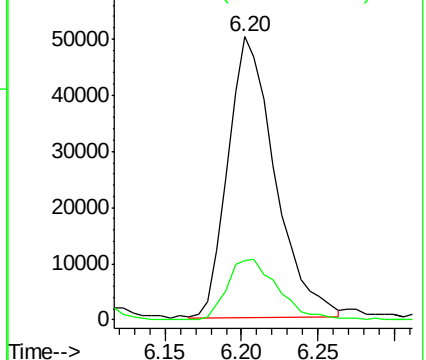
43 100

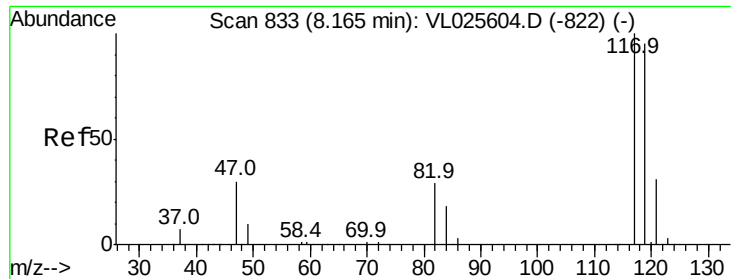
72 23.4 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

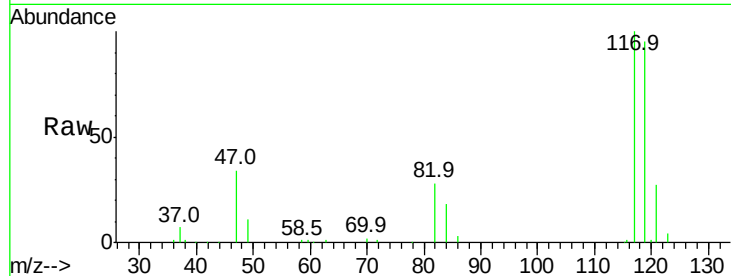




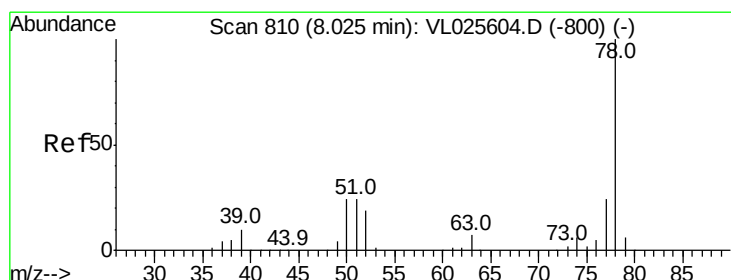
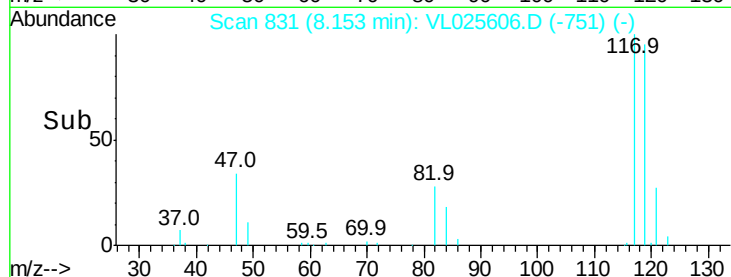
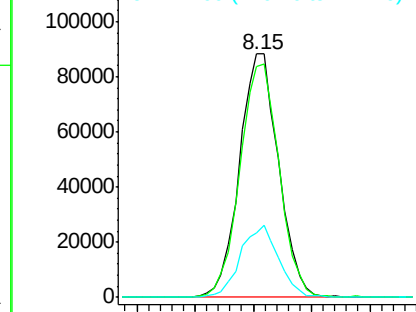
#35
Carbon Tetrachloride
Concen: 1.24 ppbv
RT: 8.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 117 Resp: 205788
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9
121 26.6 24.4 36.6

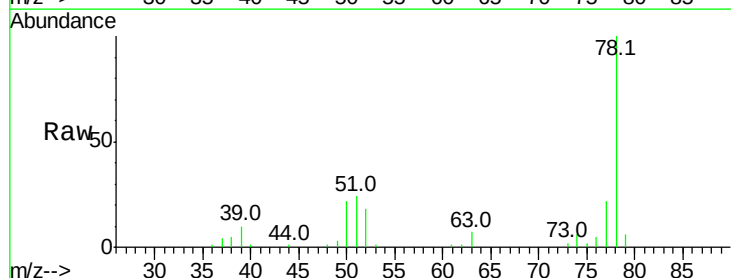


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

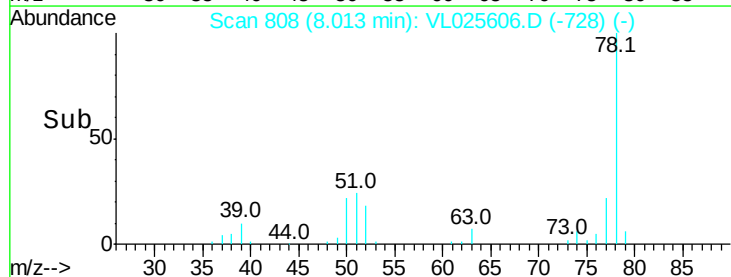
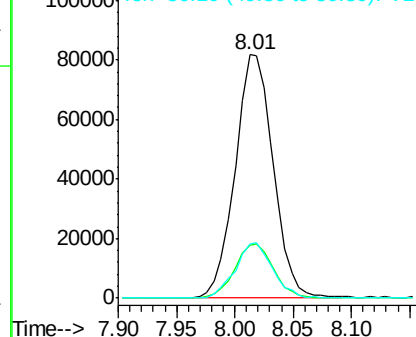


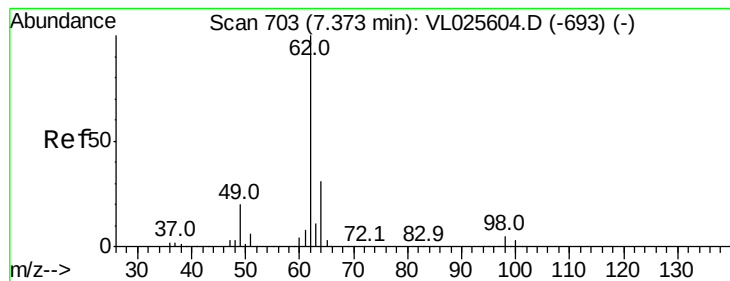
#36
Benzene
Concen: 1.03 ppbv
RT: 8.01 min Scan# 808
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Tgt Ion: 78 Resp: 186454
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4
50 22.2 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: 1.27 ppbv

RT: 7.37 min Scan# 702

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

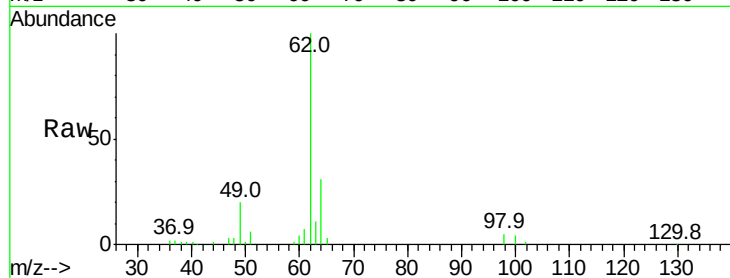
VSTDIC001

Tgt Ion: 62 Resp: 160584

Ion Ratio Lower Upper

62 100

98 5.0 4.1 6.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

7.37

80000

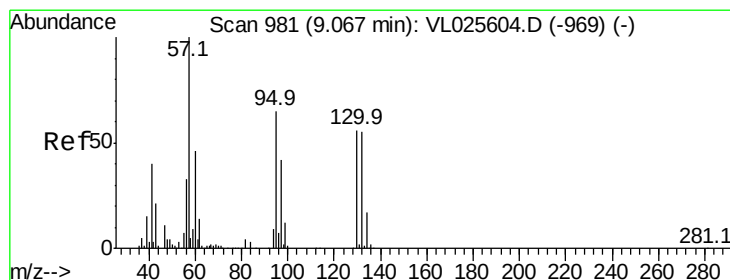
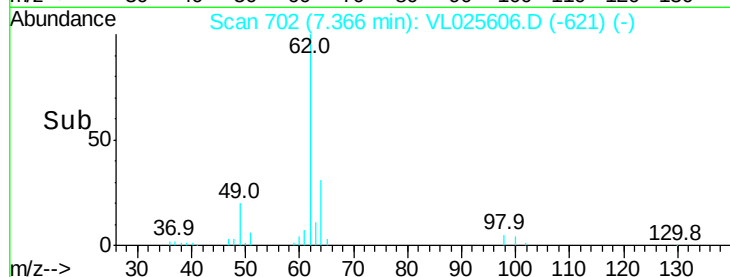
60000

40000

20000

0

Time--> 7.25 7.30 7.35 7.40 7.45



#38

Trichloroethene

Concen: 1.16 ppbv

RT: 9.06 min Scan# 980

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Tgt Ion: 130 Resp: 91047

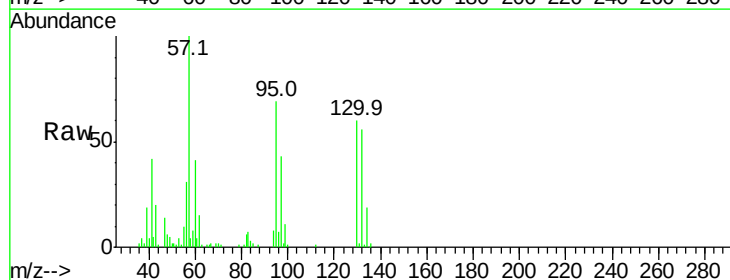
Ion Ratio Lower Upper

130 100

95 114.3 94.2 141.4

132 93.4 78.6 118.0

97 70.8 60.6 90.8



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

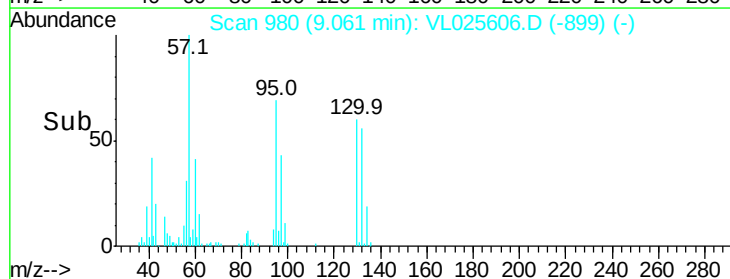
60000

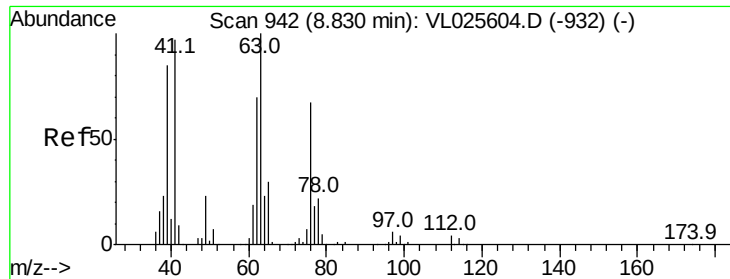
40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15





#39

1,2-Dichloropropane

Concen: 1.04 ppbv

RT: 8.82 min Scan# 940

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

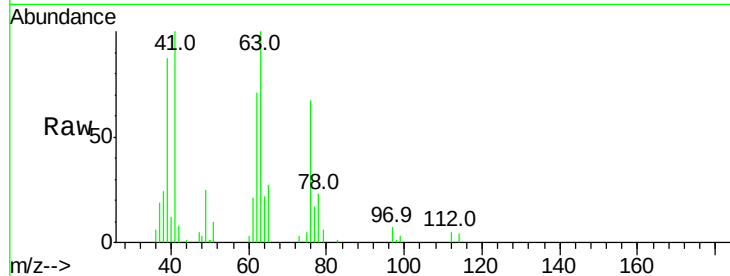
Tgt Ion: 63 Resp: 69931

Ion Ratio Lower Upper

63 100

41 98.5 78.0 117.0

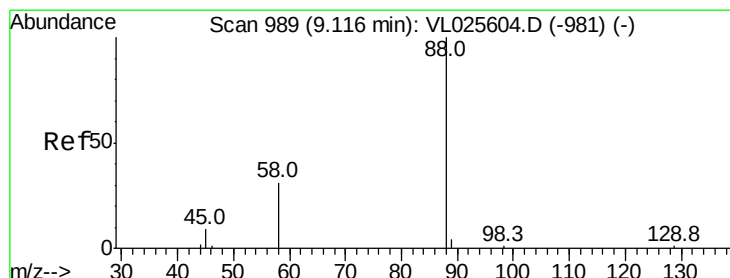
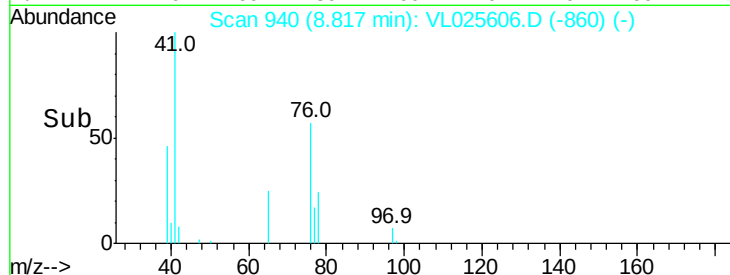
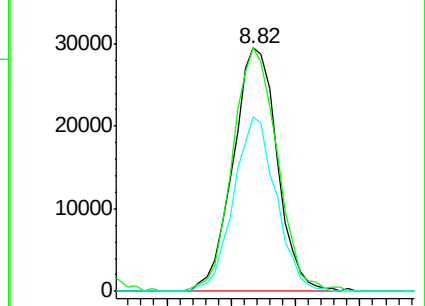
62 71.5 55.7 83.5



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 0.44 ppbv

RT: 9.17 min Scan# 998

Delta R.T. 0.05 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Tgt Ion: 88 Resp: 6552

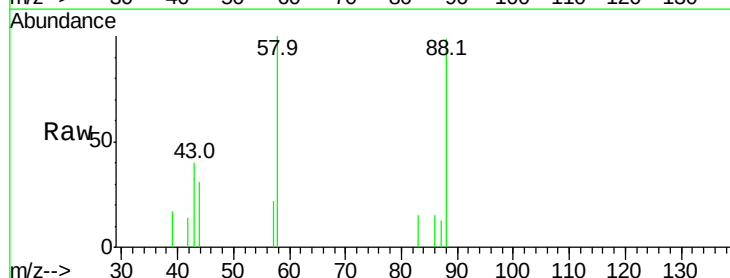
Ion Ratio Lower Upper

88 100

58 117.2 127.1 190.7#

43 0.0 337.7 506.5#

57 0.0 1533.2 2299.8#

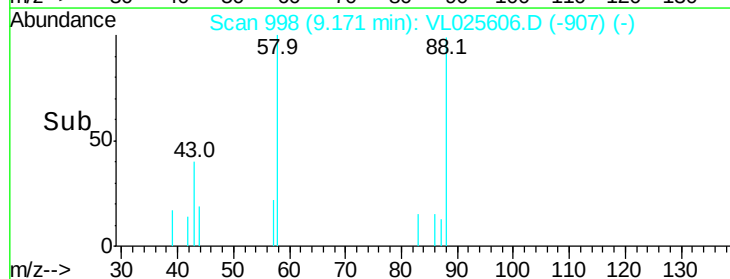
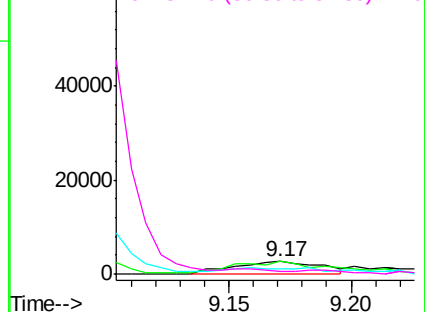


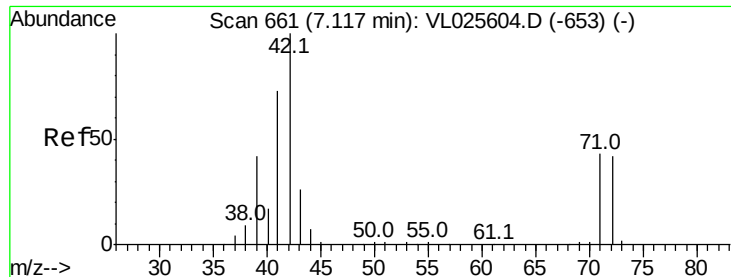
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 0.86 ppbv

RT: 7.13 min Scan# 664

Delta R.T. 0.02 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

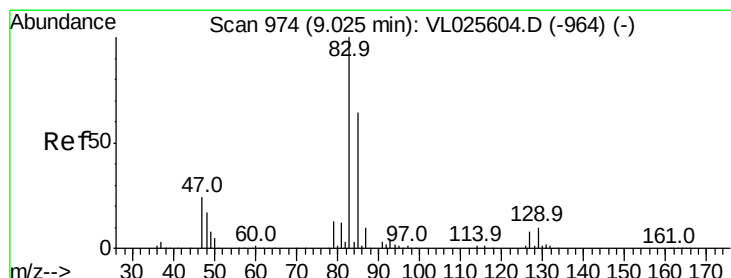
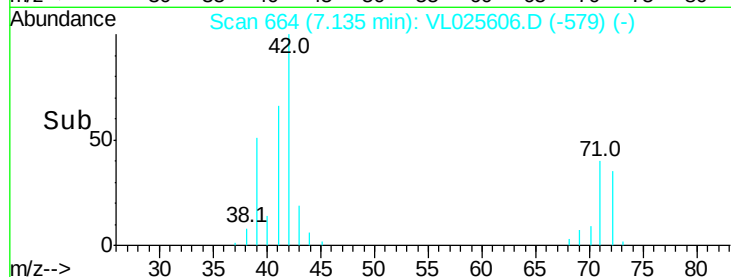
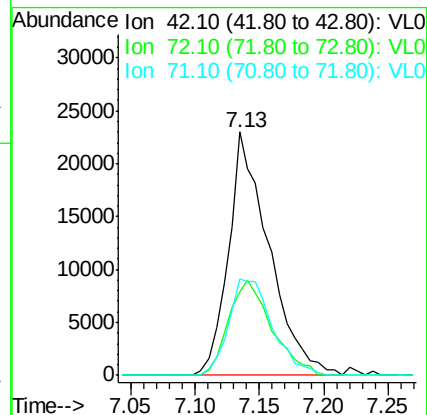
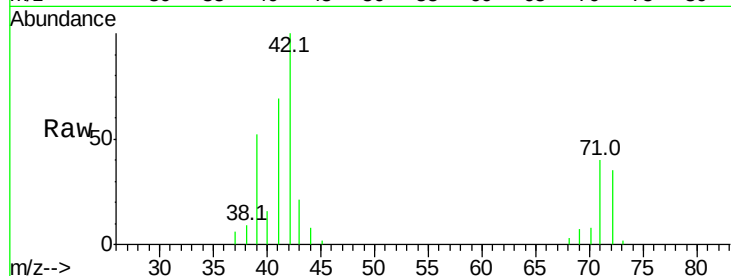
Tgt Ion: 42 Resp: 50464

Ion Ratio Lower Upper

42 100

72 41.7 34.0 51.0

71 42.9 33.0 49.6



#42

Bromodichloromethane

Concen: 1.20 ppbv

RT: 9.02 min Scan# 973

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

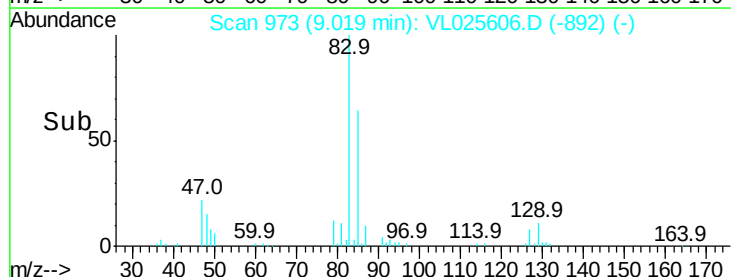
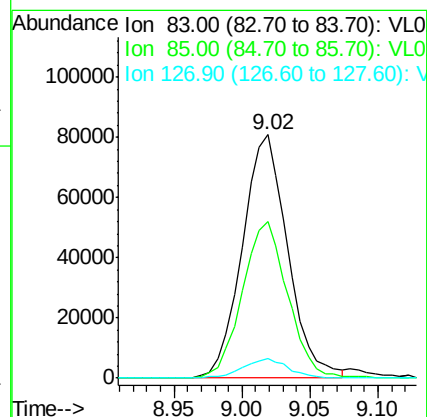
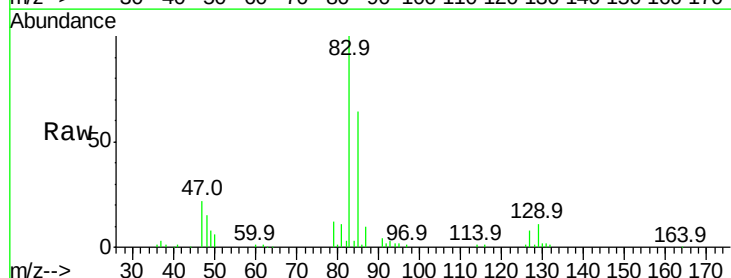
Tgt Ion: 83 Resp: 189253

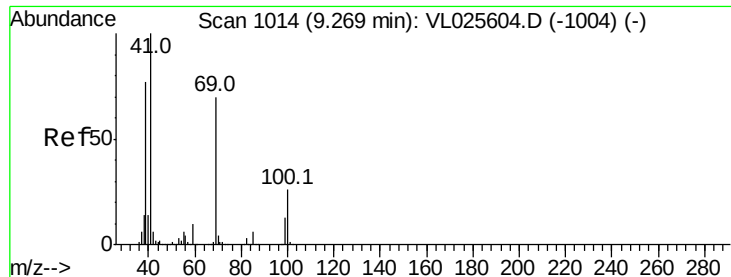
Ion Ratio Lower Upper

83 100

85 64.0 51.3 76.9

127 7.9 6.0 9.0

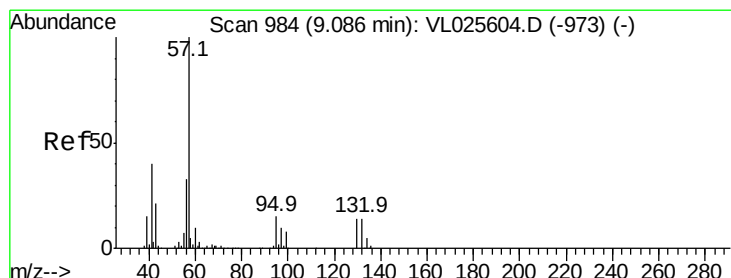
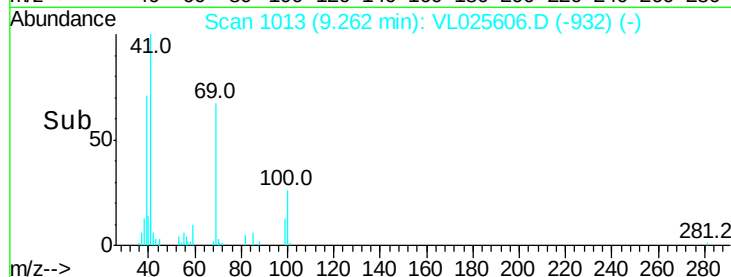
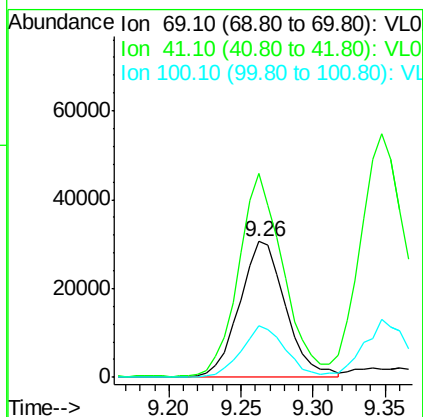
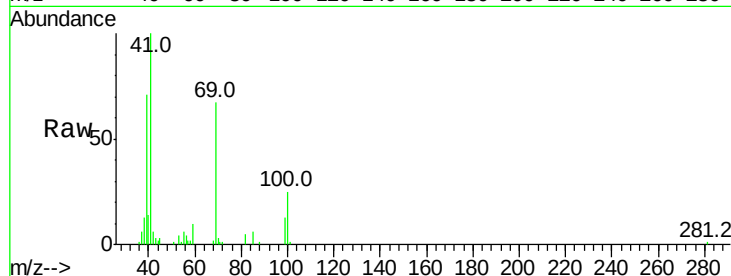




#43
Methyl Methacrylate
Concen: 1.01 ppbv
RT: 9.26 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

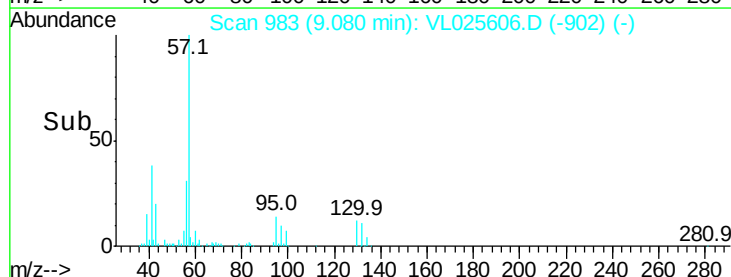
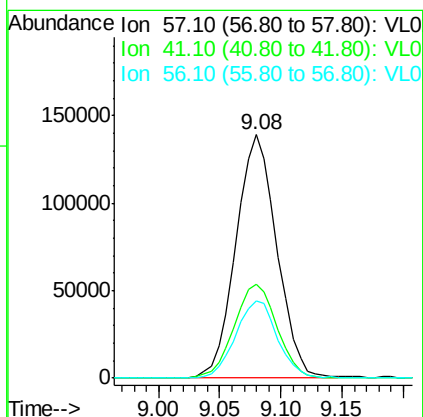
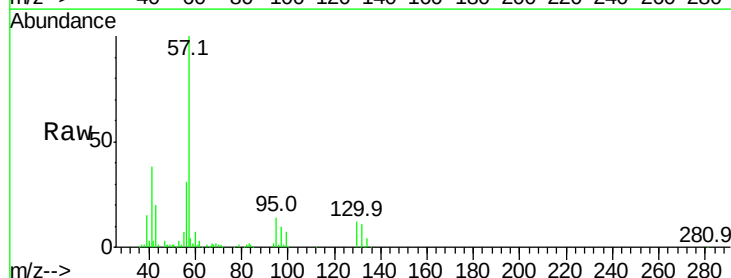
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

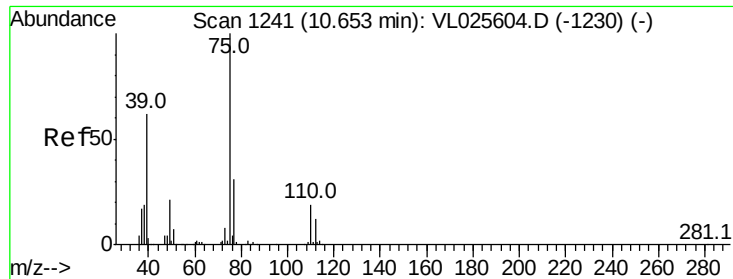
Tgt Ion: 69 Resp: 67869
Ion Ratio Lower Upper
69 100
41 145.6 117.3 175.9
100 36.0 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 1.03 ppbv
RT: 9.08 min Scan# 983
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Tgt Ion: 57 Resp: 322549
Ion Ratio Lower Upper
57 100
41 40.6 31.2 46.8
56 32.6 25.4 38.2

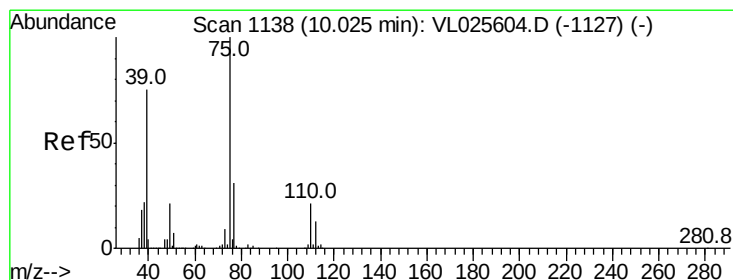
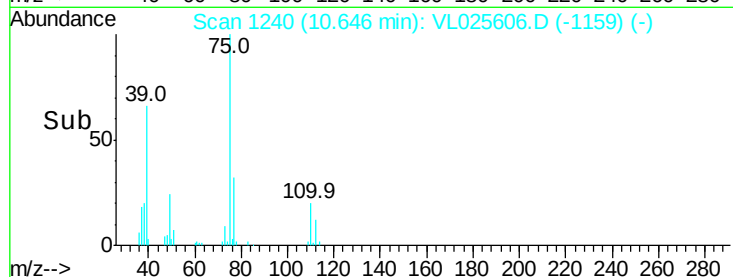
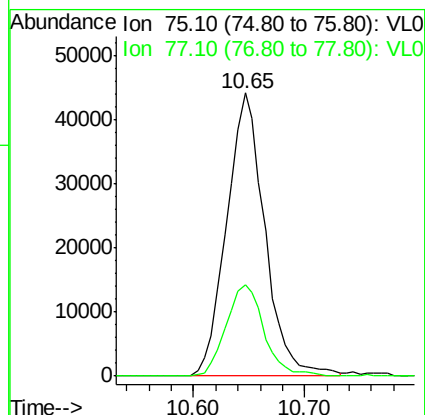
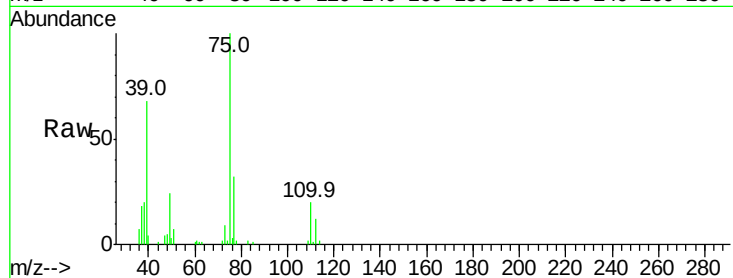




#45
t-1,3-Dichloropropene
Concen: 1.00 ppbv
RT: 10.65 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

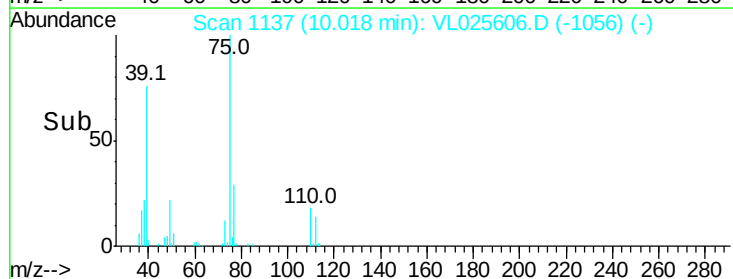
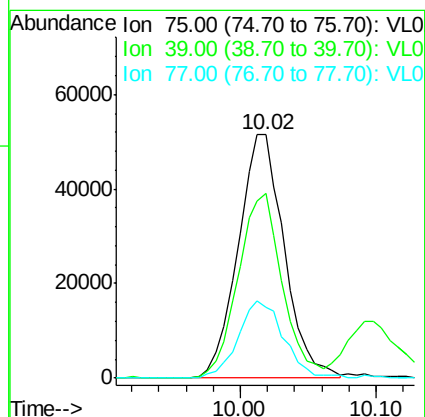
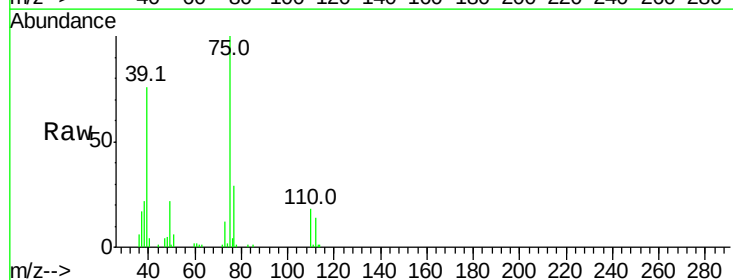
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

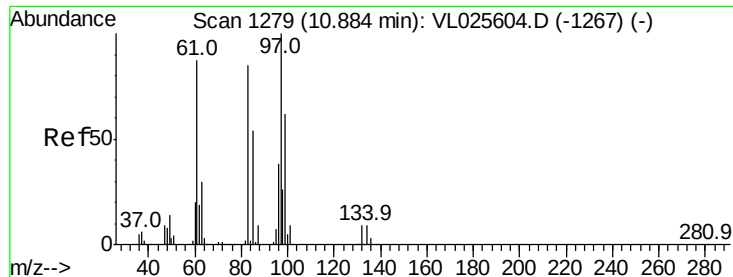
Tgt Ion: 75 Resp: 105391
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.99 ppbv
RT: 10.02 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Tgt Ion: 75 Resp: 121713
Ion Ratio Lower Upper
75 100
39 76.0 60.4 90.6
77 29.2 24.6 37.0

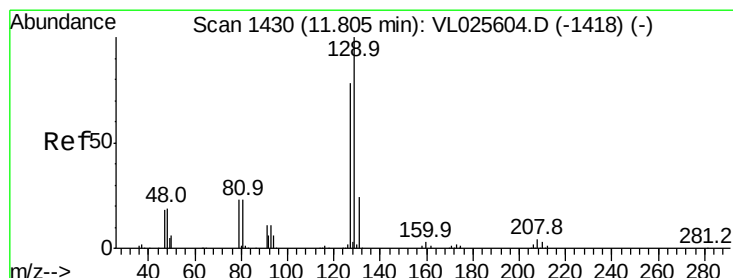
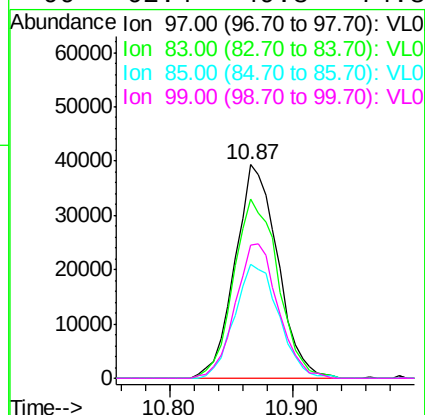
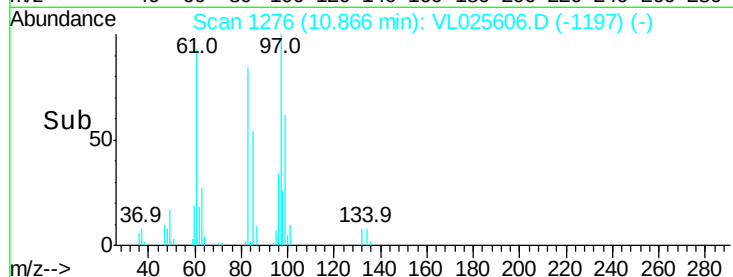
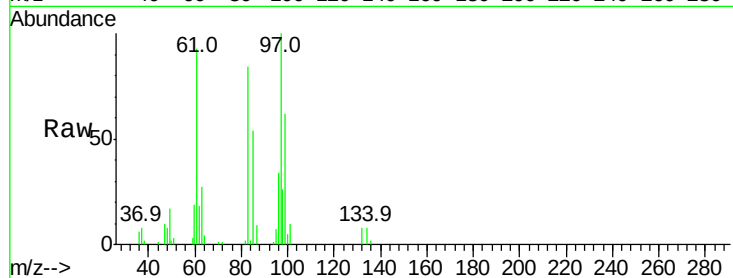




#47
 1,1,2-Trichloroethane
 Concen: 1.13 ppbv
 RT: 10.87 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

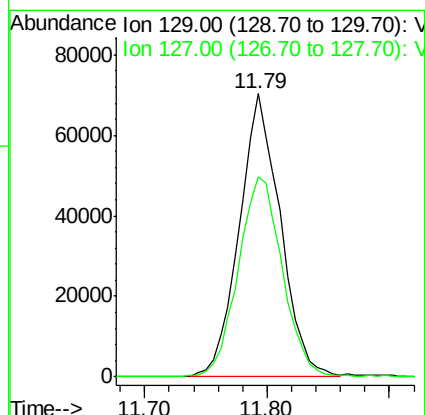
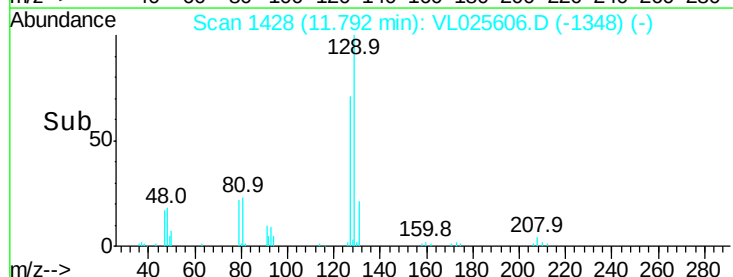
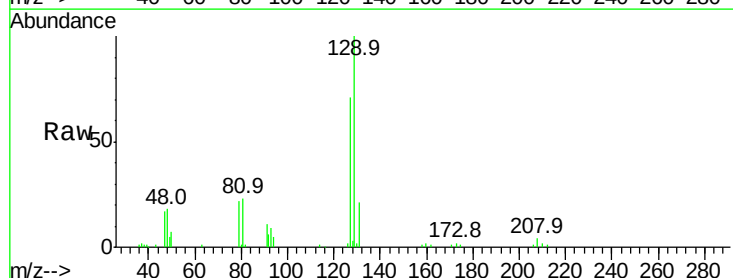
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

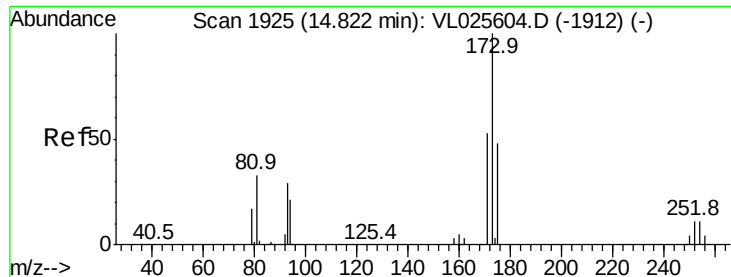
Tgt Ion: 97 Resp: 95178
 Ion Ratio Lower Upper
 97 100
 83 83.7 67.8 101.8
 85 53.6 43.5 65.3
 99 62.4 49.8 74.8



#48
 Dibromochloromethane
 Concen: 1.21 ppbv
 RT: 11.79 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Tgt Ion: 129 Resp: 163646
 Ion Ratio Lower Upper
 129 100
 127 76.0 39.0 116.9





#49

Bromoform

Concen: 1.24 ppbv

RT: 14.80 min Scan# 1922

Delta R.T. -0.02 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

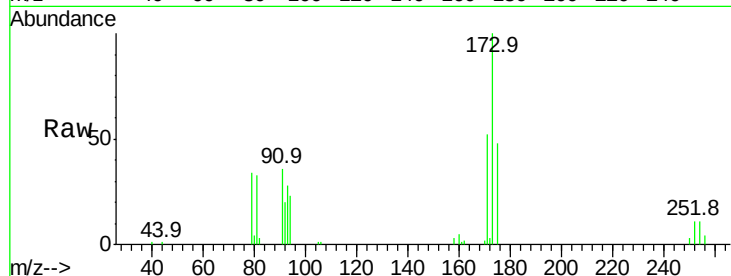
Tgt Ion:173 Resp: 134682

Ion Ratio Lower Upper

173 100

175 49.1 39.5 59.3

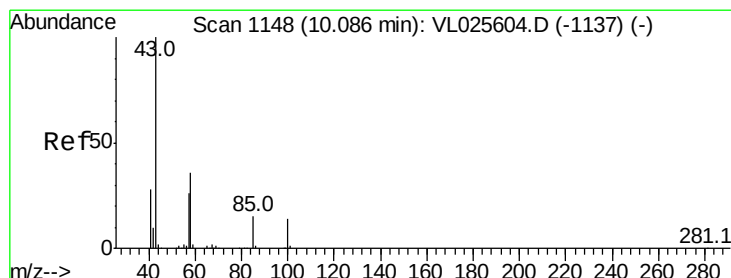
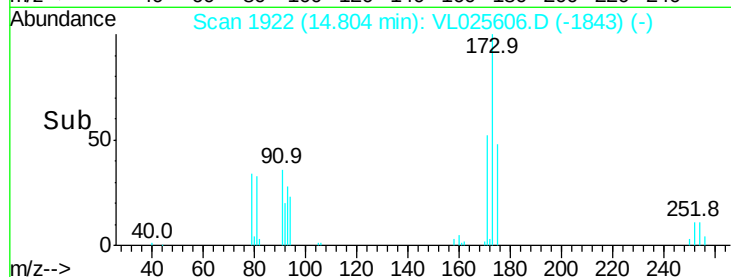
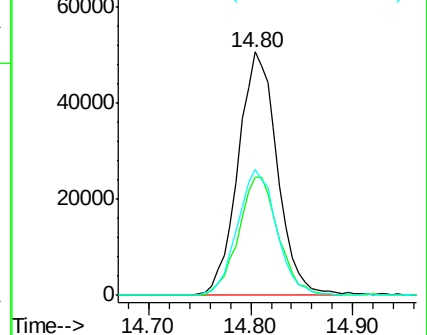
171 51.9 42.2 63.2



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: 1.03 ppbv

RT: 10.10 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VL025606.D

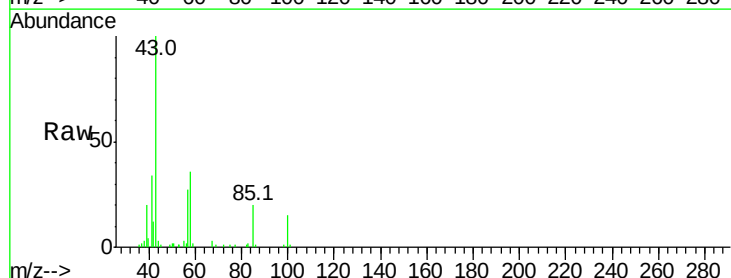
Acq: 7 Jul 2015 11:53

Tgt Ion: 43 Resp: 152592

Ion Ratio Lower Upper

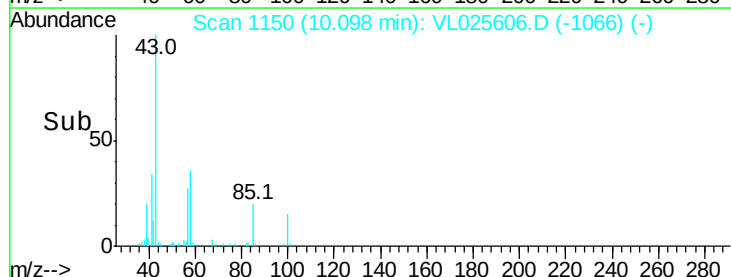
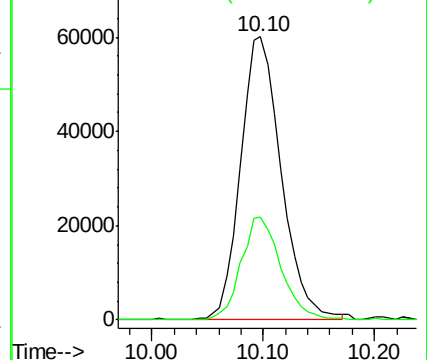
43 100

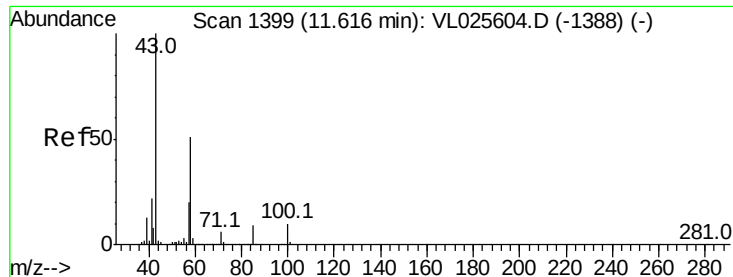
58 35.5 28.5 42.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

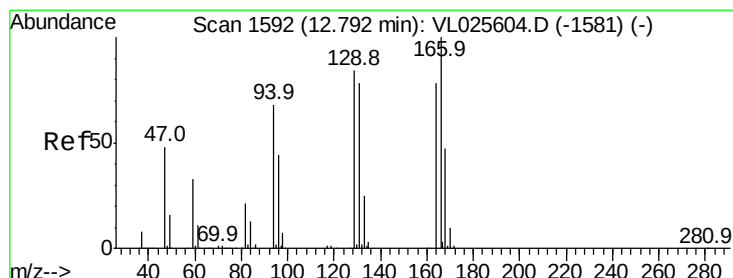
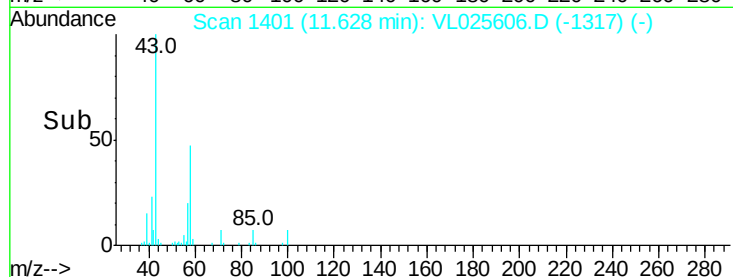
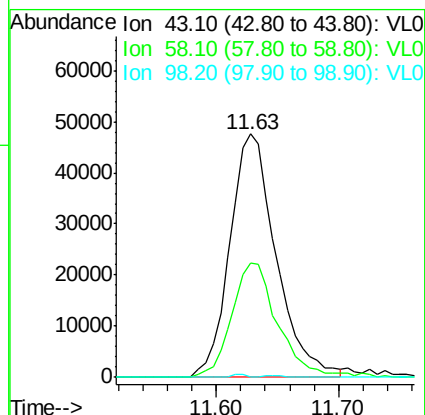
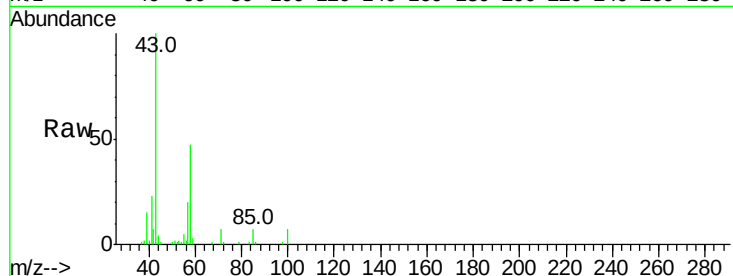




#51
2-Hexanone
Concen: 0.94 ppbv
RT: 11.63 min Scan# 1401
Delta R.T. 0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

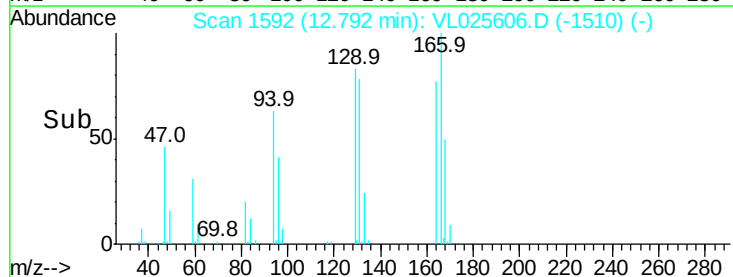
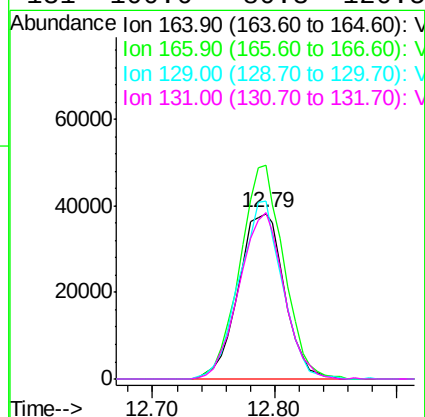
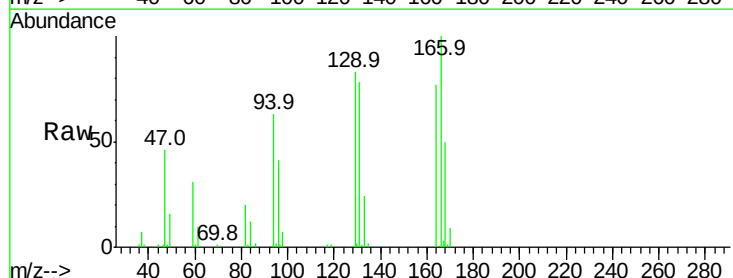
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

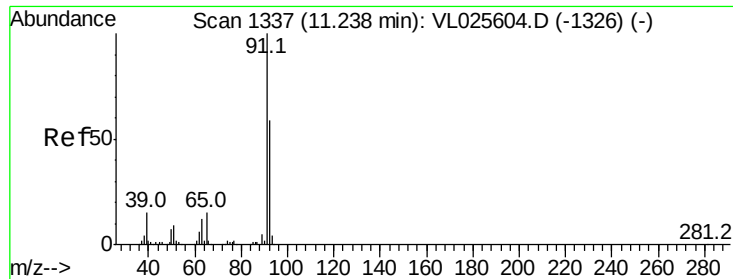
Tgt Ion: 43 Resp: 124467
Ion Ratio Lower Upper
43 100
58 47.2 39.0 58.6
98 0.7 0.2 0.4#



#52
Tetrachloroethene
Concen: 1.20 ppbv
RT: 12.79 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Tgt Ion: 164 Resp: 99632
Ion Ratio Lower Upper
164 100
166 129.1 102.3 153.5
129 107.2 86.2 129.4
131 100.6 80.3 120.5





#53

Toluene

Concen: 1.06 ppbv

RT: 11.23 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

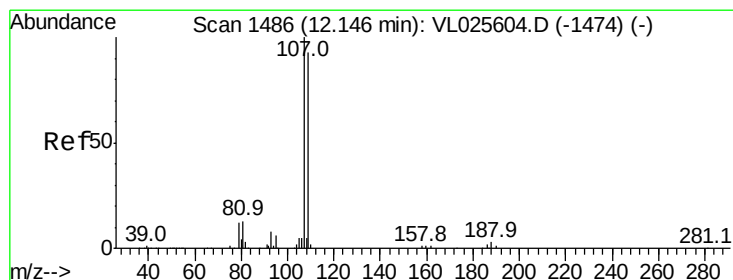
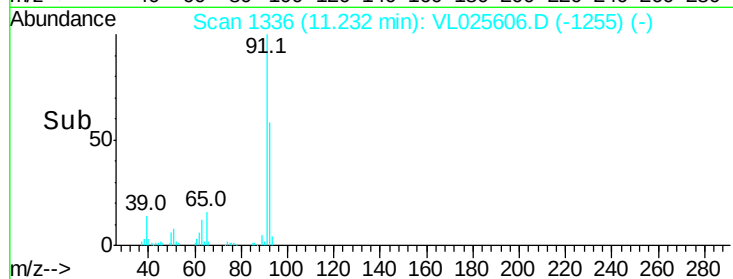
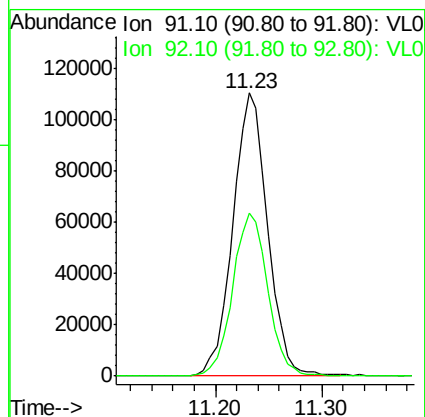
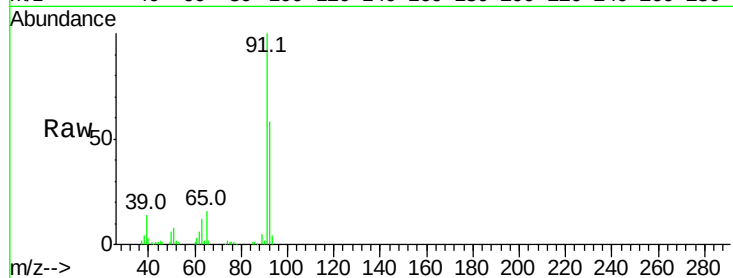
VSTDIC001

Tgt Ion: 91 Resp: 251985

Ion Ratio Lower Upper

91 100

92 58.4 48.2 72.2



#54

1,2-Dibromoethane

Concen: 1.17 ppbv

RT: 12.14 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VL025606.D

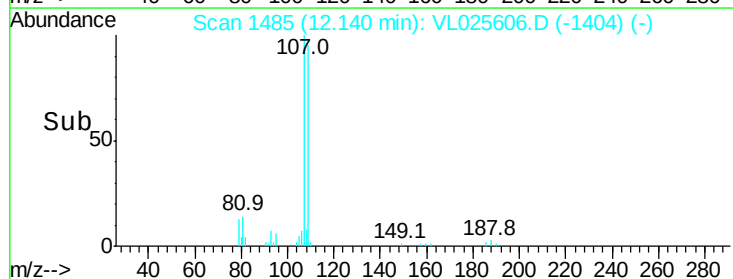
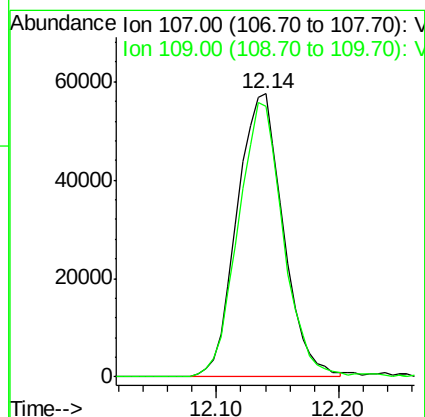
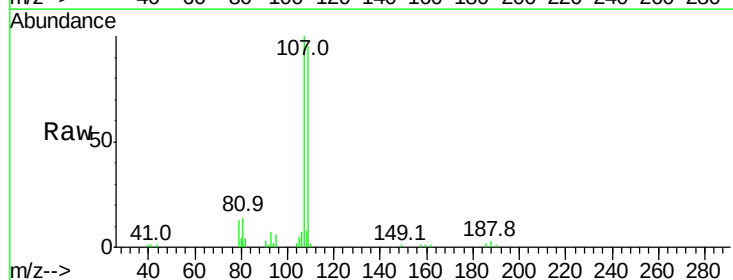
Acq: 7 Jul 2015 11:53

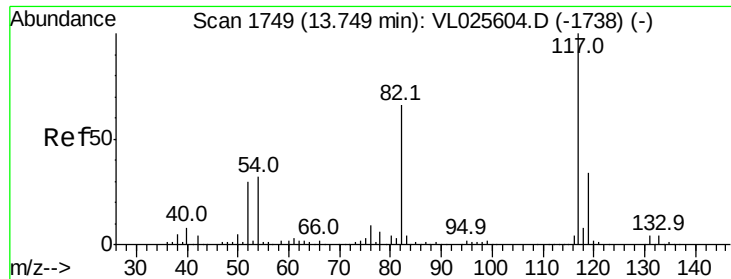
Tgt Ion: 107 Resp: 150779

Ion Ratio Lower Upper

107 100

109 95.4 74.1 111.1

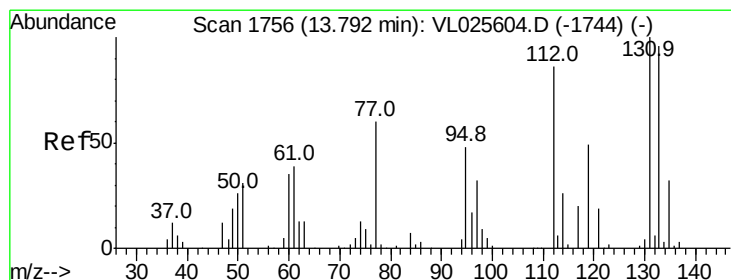
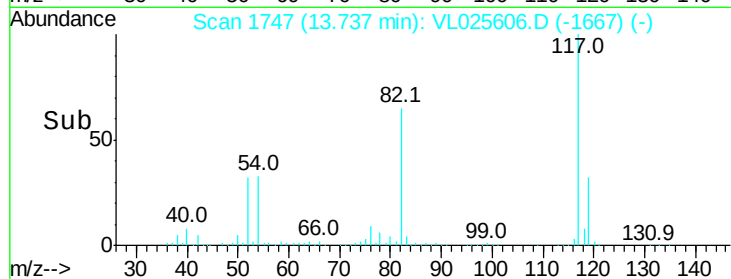
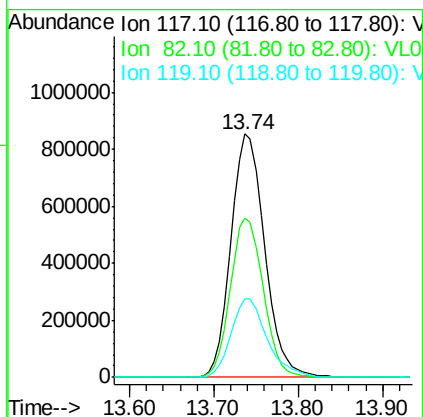
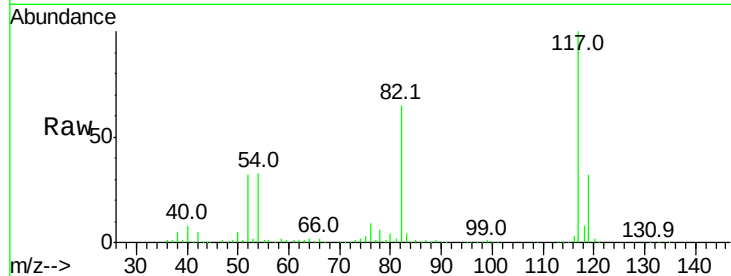




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

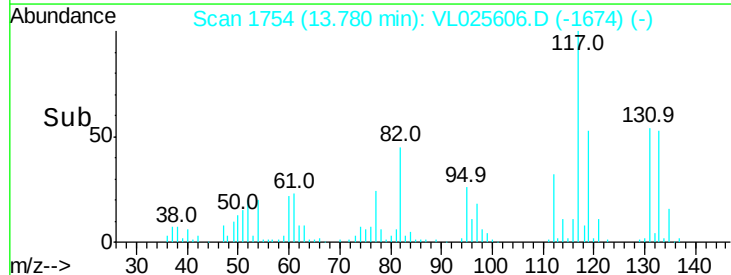
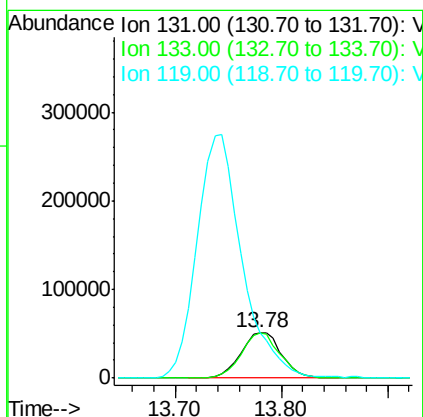
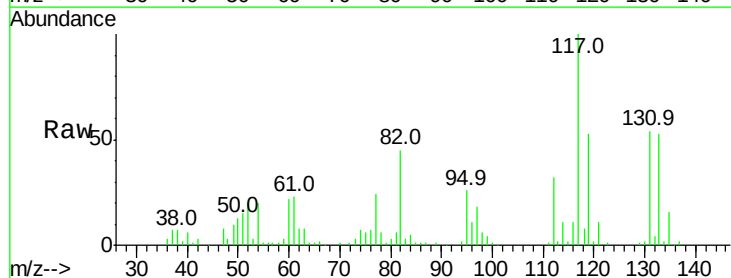
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

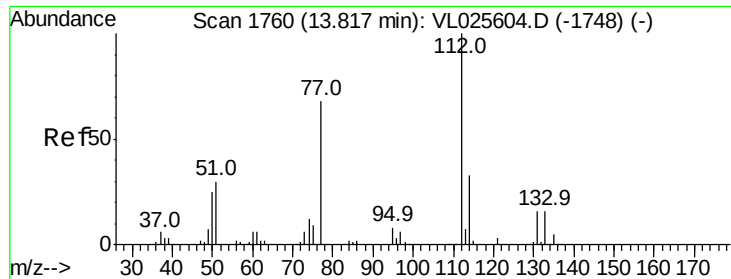
Tgt Ion:117 Resp: 2322274
Ion Ratio Lower Upper
117 100
82 64.3 50.5 75.7
119 34.8 45.1 67.7#



#56
1,1,1,2-Tetrachloroethane
Concen: 1.25 ppbv
RT: 13.78 min Scan# 1754
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Tgt Ion:131 Resp: 138371
Ion Ratio Lower Upper
131 100
133 94.3 76.9 115.3
119 582.1 97.8 146.8#





#57

Chlorobenzene

Concen: 1.22 ppbv

RT: 13.80 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

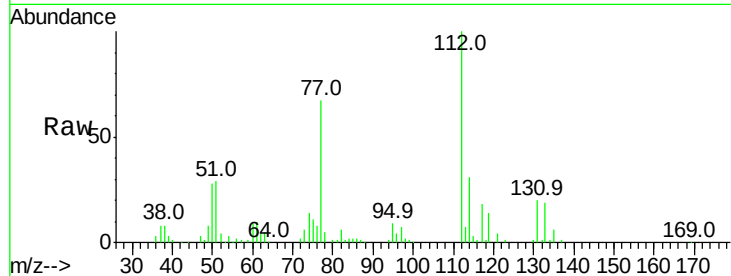
Tgt Ion: 112 Resp: 278406

Ion Ratio Lower Upper

112 100

77 66.3 55.2 82.8

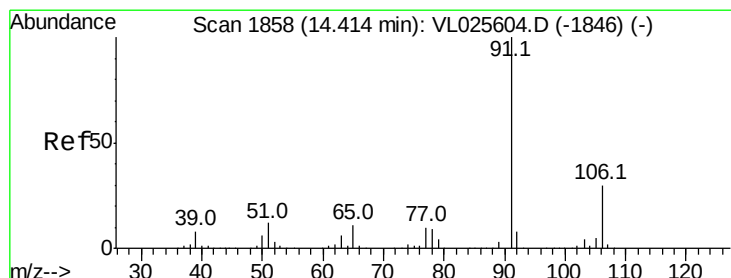
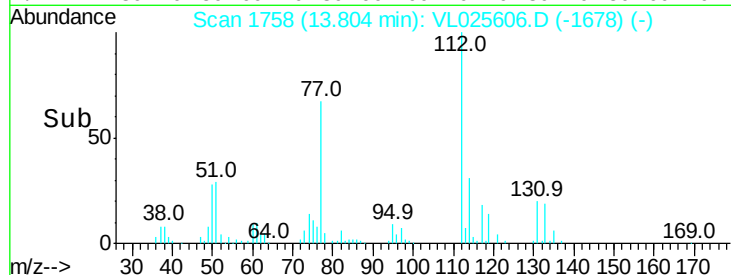
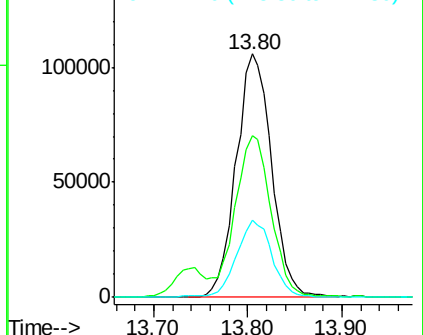
114 31.6 29.4 36.0



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: 1.11 ppbv

RT: 14.41 min Scan# 1857

Delta R.T. -0.01 min

Lab File: VL025606.D

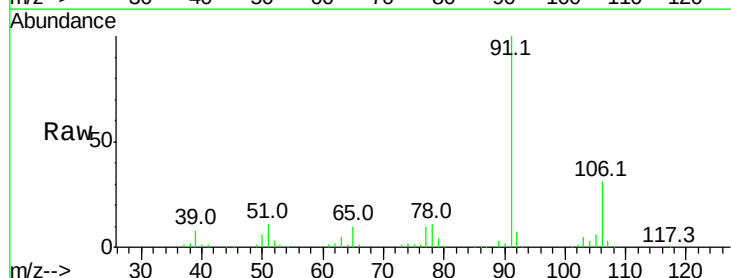
Acq: 7 Jul 2015 11:53

Tgt Ion: 91 Resp: 409510

Ion Ratio Lower Upper

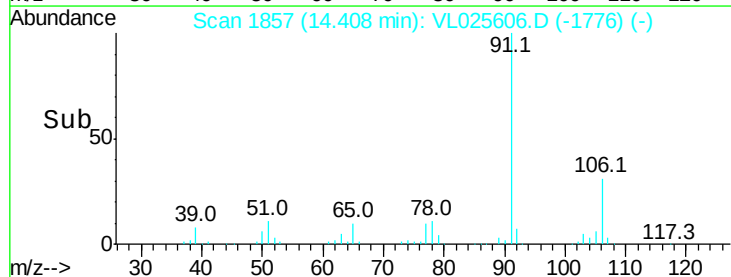
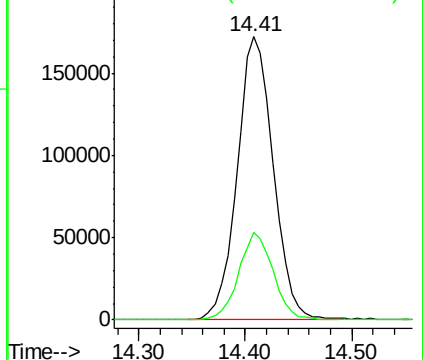
91 100

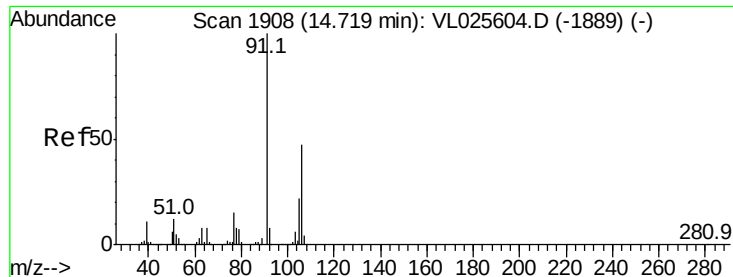
106 30.8 24.2 36.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

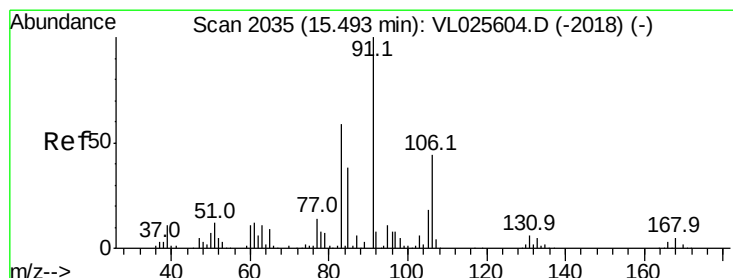
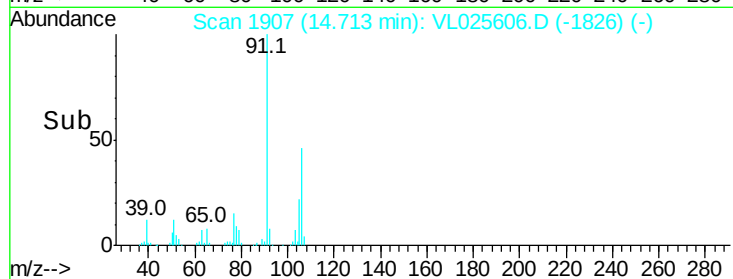
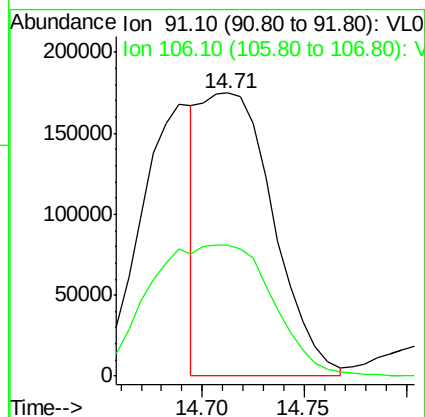
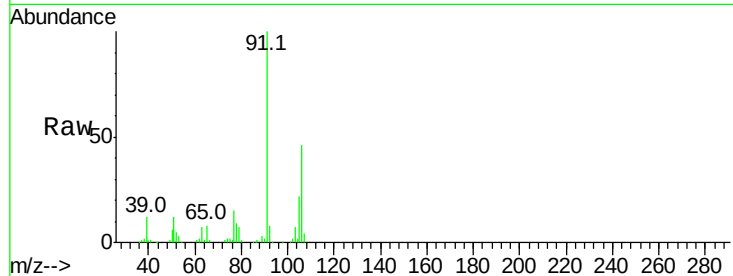




#59
m/p-Xylene
Concen: 1.39 ppbv
RT: 14.71 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

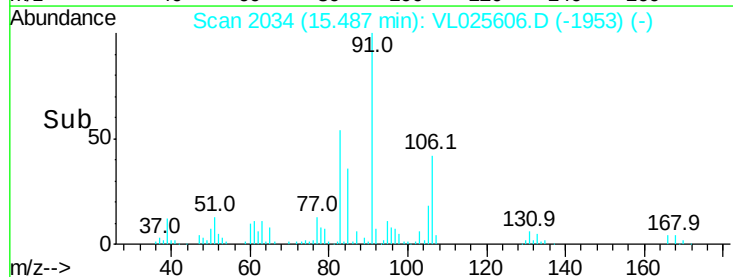
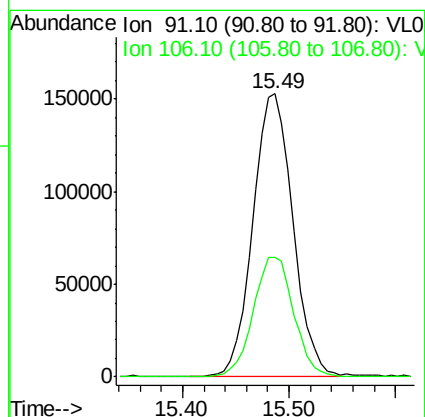
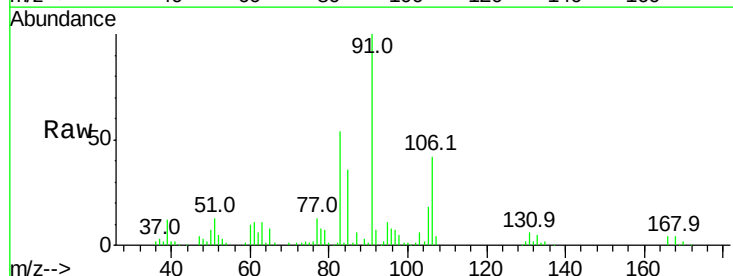
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

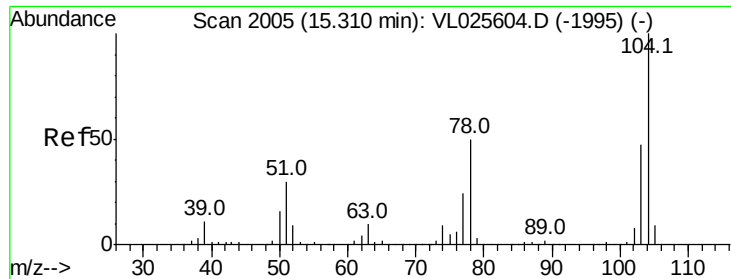
Tgt Ion: 91 Resp: 429354
Ion Ratio Lower Upper
91 100
106 80.4 37.9 56.9#



#60
o-Xylene
Concen: 1.23 ppbv
RT: 15.49 min Scan# 2034
Delta R.T. -0.01 min
Lab File: VL025606.D
Acq: 7 Jul 2015 11:53

Tgt Ion: 91 Resp: 403205
Ion Ratio Lower Upper
91 100
106 42.7 22.1 66.1





#61

Styrene

Concen: 0.97 ppbv

RT: 15.31 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

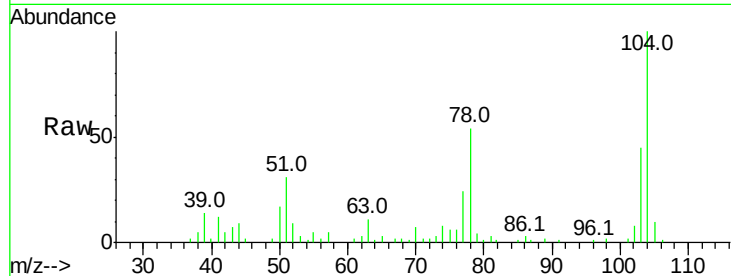
Tgt Ion:104 Resp: 120886

Ion Ratio Lower Upper

104 100

78 52.8 40.2 60.4

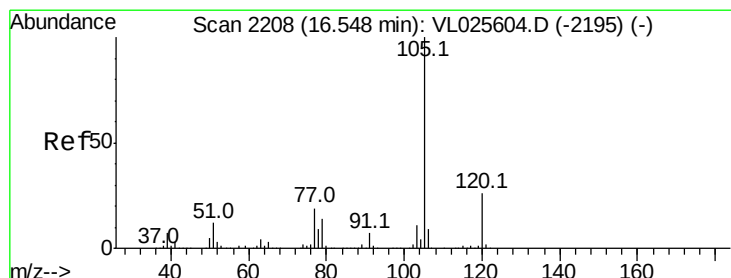
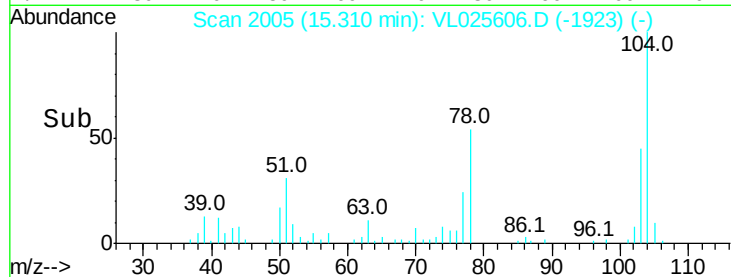
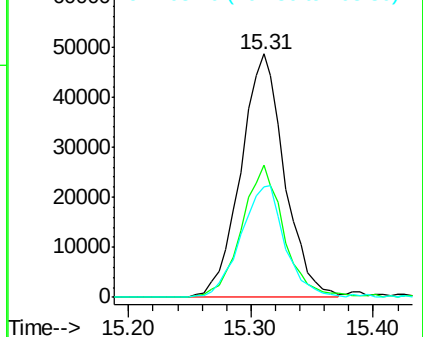
103 46.7 37.4 56.2



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



#62

Isopropylbenzene

Concen: 1.19 ppbv

RT: 16.54 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VL025606.D

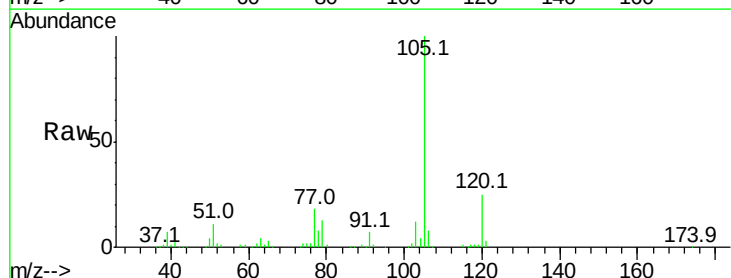
Acq: 7 Jul 2015 11:53

Tgt Ion:105 Resp: 514056

Ion Ratio Lower Upper

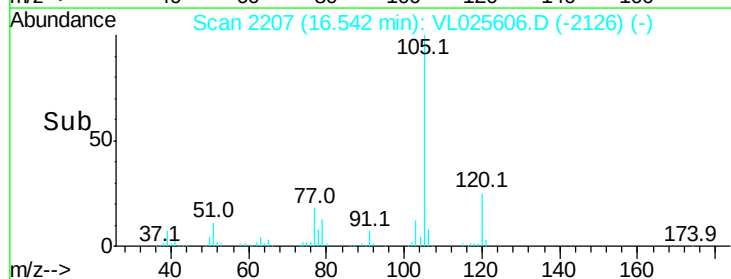
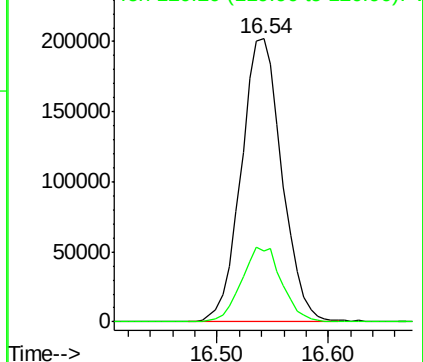
105 100

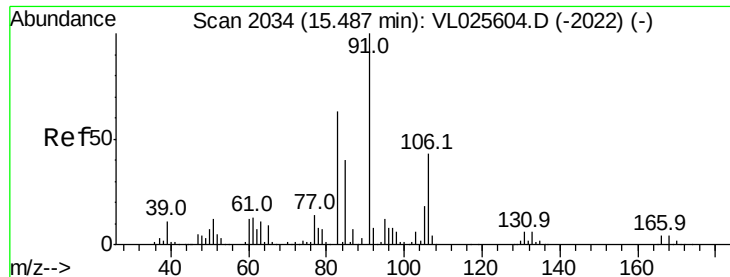
120 26.2 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 1.18 ppbv

RT: 15.48 min Scan# 2033

Delta R.T. -0.01 min

Lab File: VL025606.D

Acq: 7 Jul 2015 11:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

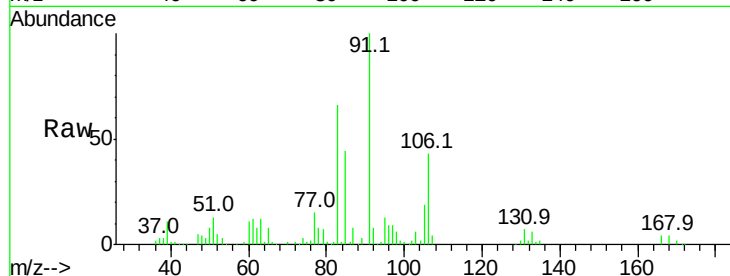
Tgt Ion: 83 Resp: 275153

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

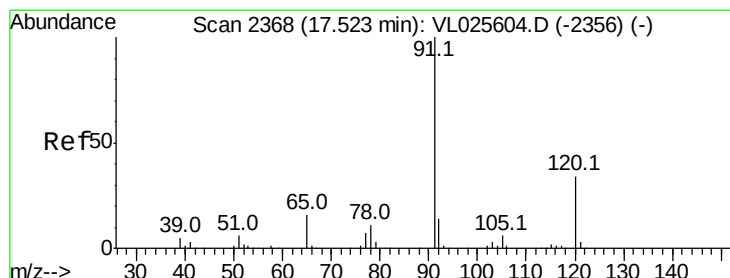
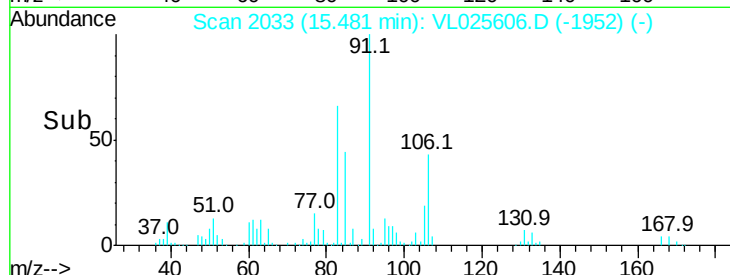
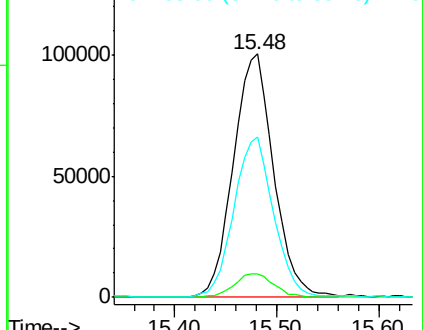
85 65.5 32.4 97.2



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: 1.23 ppbv

RT: 17.52 min Scan# 2367

Delta R.T. -0.01 min

Lab File: VL025606.D

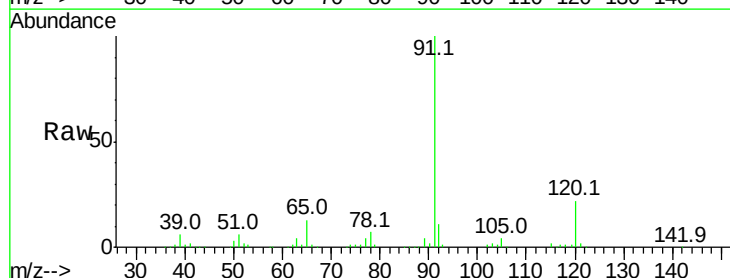
Acq: 7 Jul 2015 11:53

Tgt Ion: 120 Resp: 141280

Ion Ratio Lower Upper

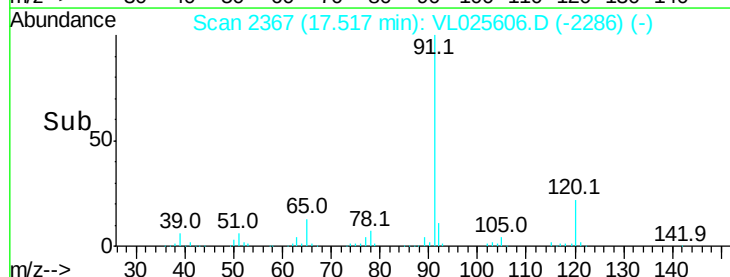
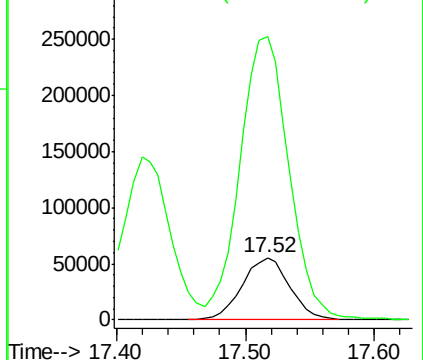
120 100

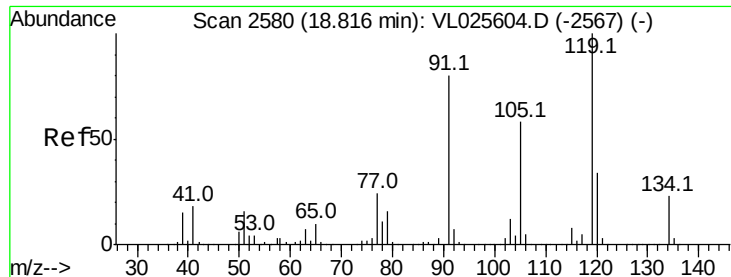
91 471.2 370.5 555.7



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

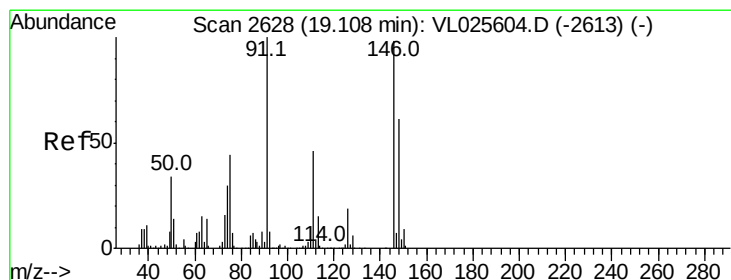
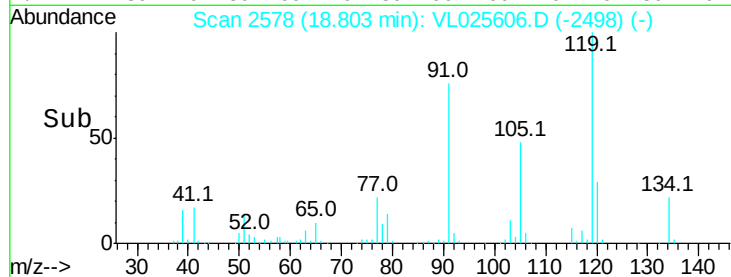
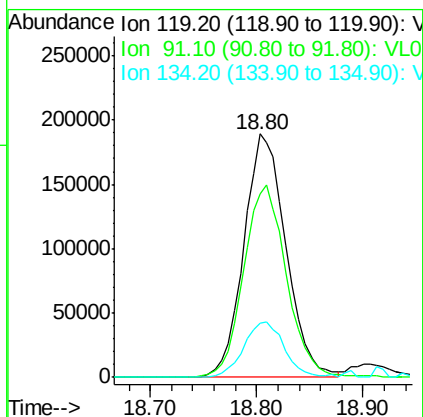
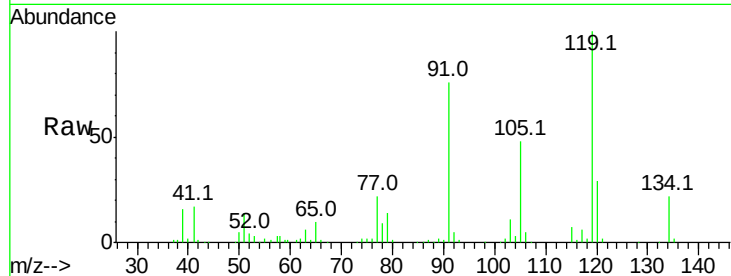




#65
 tert-Butylbenzene
 Concen: 1.30 ppbv
 RT: 18.80 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

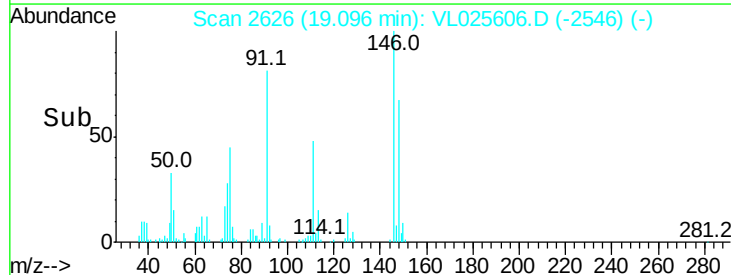
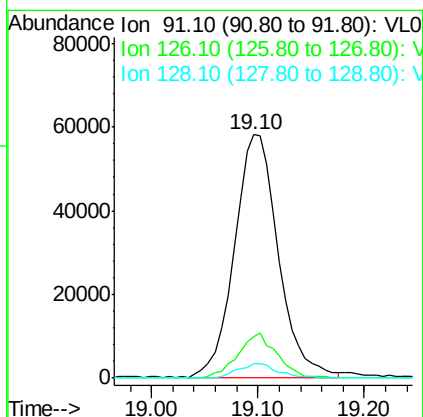
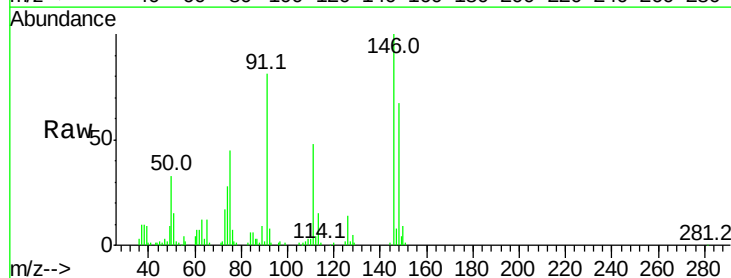
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

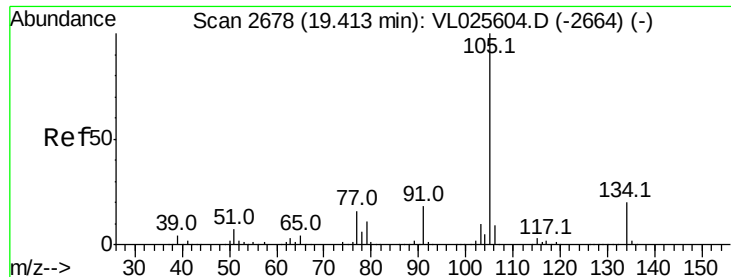
Tgt Ion: 119 Resp: 524373
 Ion Ratio Lower Upper
 119 100
 91 80.8 64.5 96.7
 134 22.0 17.4 26.0



#66
 Benzyl Chloride
 Concen: 1.23 ppbv
 RT: 19.10 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Tgt Ion: 91 Resp: 168640
 Ion Ratio Lower Upper
 91 100
 126 16.6 14.5 21.7
 128 5.4 4.6 7.0

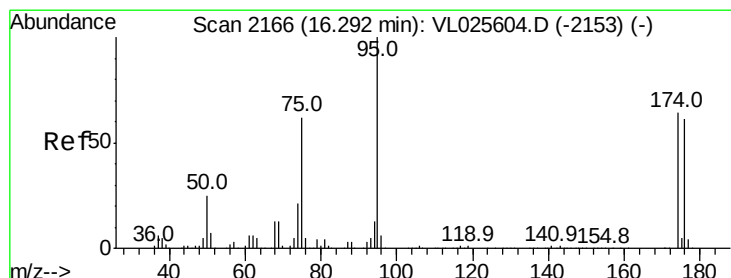
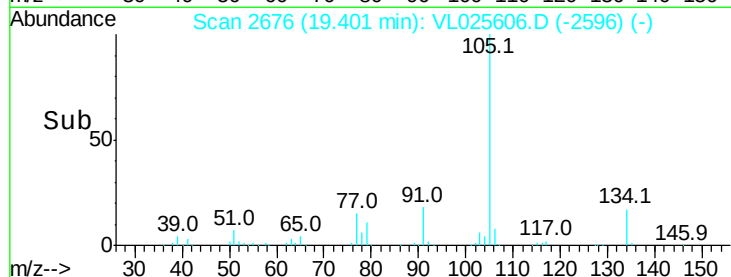
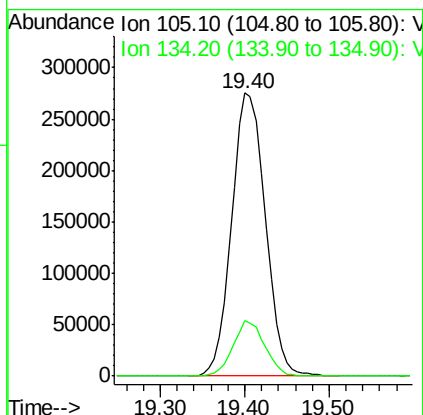
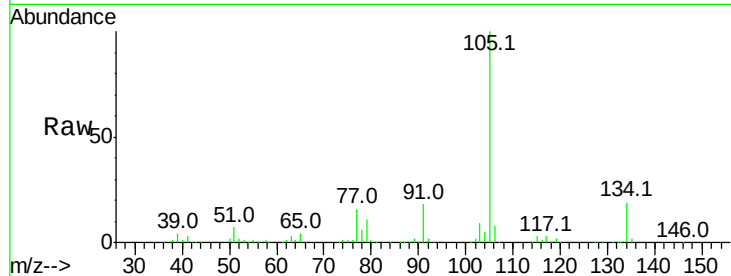




#67
 sec-Butylbenzene
 Concen: 1.32 ppbv
 RT: 19.40 min Scan# 2676
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

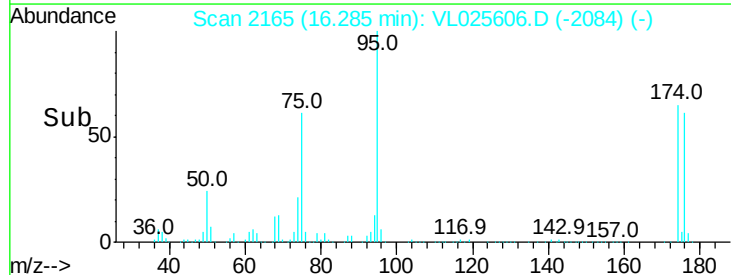
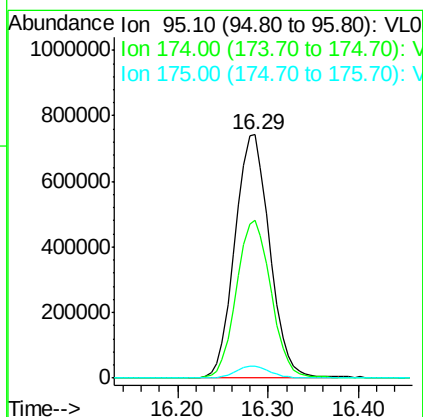
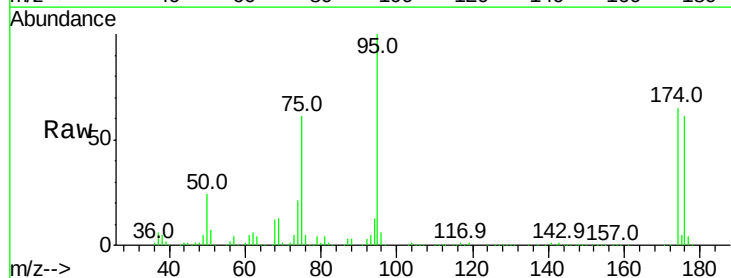
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

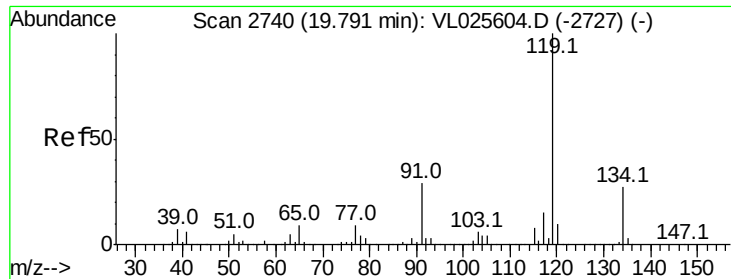
Tgt Ion: 105 Resp: 745578
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.38 ppbv
 RT: 16.29 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Tgt Ion: 95 Resp: 1992230
 Ion Ratio Lower Upper
 95 100
 174 64.9 52.0 78.0
 175 4.9 3.9 5.9

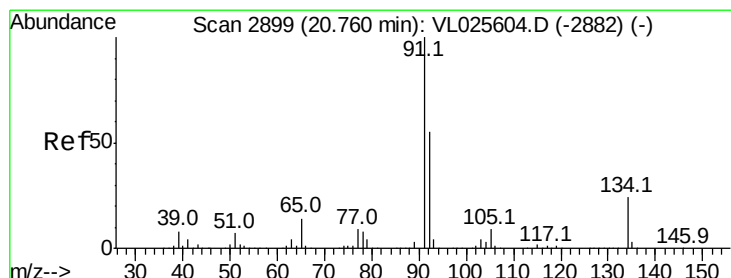
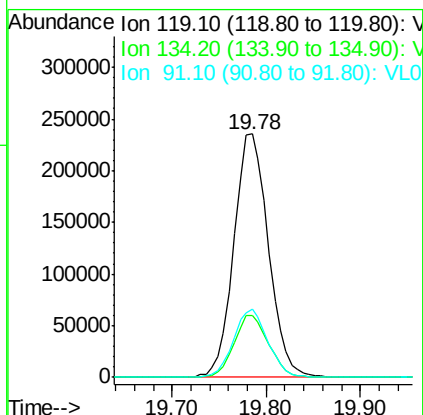
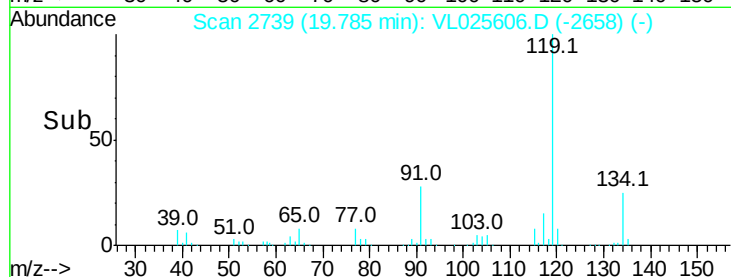
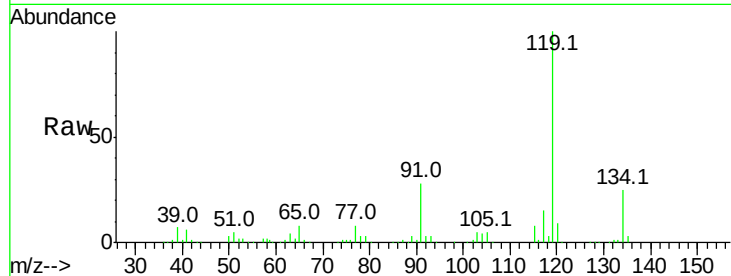




#69
 p-Isopropyltoluene
 Concen: 1.31 ppbv
 RT: 19.78 min Scan# 2739
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 119 Resp: 602042
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.7 31.1
 91 28.1 22.6 34.0



#70
 n-Butylbenzene
 Concen: 1.38 ppbv
 RT: 20.75 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: VL025606.D
 Acq: 7 Jul 2015 11:53

Tgt Ion: 91 Resp: 616290
 Ion Ratio Lower Upper
 91 100
 92 52.5 44.3 66.5
 134 23.3 19.4 29.2

