

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
 Data File : VL026650.D
 Acq On : 8 Jan 2016 17:22
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Jan 08 22:14:29 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 08 22:06:23 2016
 QLast Update : Fri Jan 08 22:06:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	866063	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.30	114	2583581	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.72	117	3276884	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.25	95	2643267	10.01	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.63	85	127176	0.55	ppbv	95
3) Chlorodifluoromethane	3.56	51	63093	0.58	ppbv	98
4) Chloromethane	3.73	50	29694	0.53	ppbv	93
5) Vinyl Chloride	3.88	62	31124	0.49	ppbv	95
6) Bromomethane	4.14	94	26573	0.56	ppbv	81
7) Chloroethane	4.23	64	14120	0.49	ppbv	100
8) Dichlorotetrafluoroethane	3.79	85	95487	0.54	ppbv	95
9) Propene	3.59	41	20434	0.49	ppbv	93
10) Heptane	9.33	43	74992	0.49	ppbv	87
11) Trichlorofluoromethane	4.68	101	128879	0.56	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.29	101	80114	0.57	ppbv	100
13) Ethanol	4.34	45	4029	0.46	ppbv	96
14) Bromoethene	4.44	108	27254	0.51	ppbv #	96
15) Acetone	4.60	43	79840	0.63	ppbv #	74
16) 1,3-Butadiene	3.95	39	29321	0.52	ppbv	98
18) 1,1-Dichloroethene	5.07	96	32140	0.53	ppbv	97
20) Methylene Chloride	5.14	84	32845	0.60	ppbv	88
21) Allyl Chloride	5.21	41	44955	0.51	ppbv	85
22) trans-1,2-Dichloroethene	5.75	96	35667	0.51	ppbv	95
23) Vinyl Acetate	5.97	43	102555	0.45	ppbv #	96
24) 1,1-Dichloroethane	5.89	63	86381	0.56	ppbv	99
25) Ethyl Acetate	6.67	43	105704	0.48	ppbv	98
26) Hexane	6.64	57	55929	0.50	ppbv	95
27) Carbon Disulfide	5.37	76	80206	0.46	ppbv	95
28) Methyl tert-Butyl Ether	5.95	73	110886	0.49	ppbv	98
29) Chloroform	6.73	83	111484	0.56	ppbv	95
30) Cyclohexane	8.26	84	51879	0.46	ppbv #	31
31) cis-1,2-Dichloroethene	6.49	61	54088	0.46	ppbv	91
32) 1,1,1-Trichloroethane	7.57	97	109831	0.52	ppbv	98
34) 2-Butanone	6.20	43	70671	0.52	ppbv	99
35) Carbon Tetrachloride	8.14	117	108032	0.51	ppbv	96
36) Benzene	8.00	78	129649	0.50	ppbv	96
37) 1,2-Dichloroethane	7.34	62	93921	0.53	ppbv	97
38) Trichloroethene	9.04	130	57618	0.57	ppbv	93
39) 1,2-Dichloropropane	8.80	63	45919	0.51	ppbv	87
41) Tetrahydrofuran	7.14	42	28607	0.40	ppbv	98
42) Bromodichloromethane	9.00	83	114124	0.49	ppbv	95
43) Methyl Methacrylate	9.26	69	41814	0.41	ppbv	94
44) 2,2,4-Trimethylpentane	9.07	57	207883	0.51	ppbv	98
45) t-1,3-Dichloropropene	10.63	75	59130	0.33	ppbv	97
46) cis-1,3-Dichloropropene	9.99	75	74062	0.39	ppbv	91

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
 Data File : VL026650.D
 Acq On : 8 Jan 2016 17:22
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Jan 08 22:14:29 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 08 22:06:23 2016
 QLast Update : Fri Jan 08 22:06:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

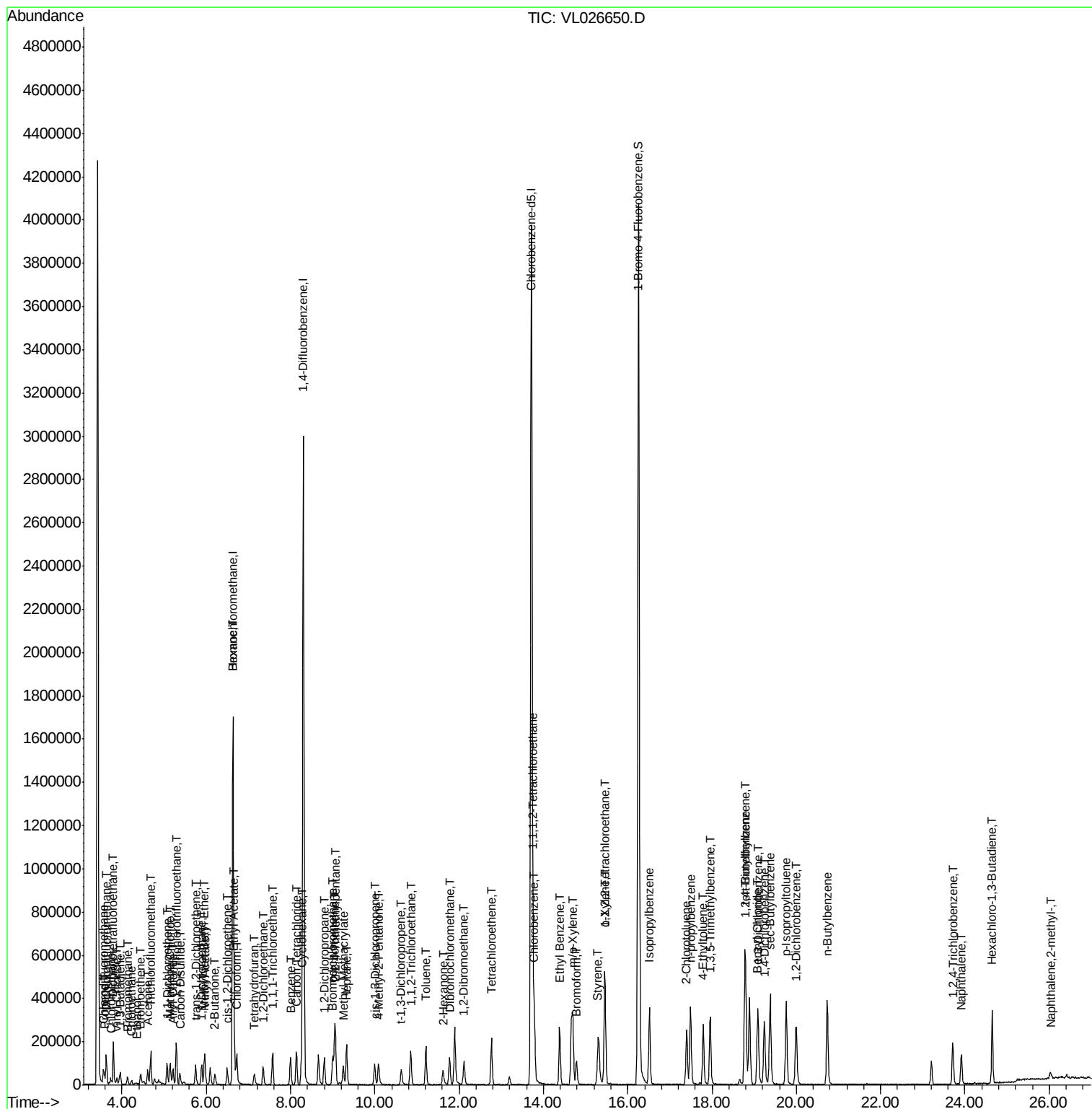
47) 1,1,2-Trichloroethane	10.85	97	65286	0.52	ppbv	95
48) Dibromochloromethane	11.77	129	93612	0.47	ppbv	100
49) Bromoform	14.79	173	72781	0.44	ppbv	99
50) 4-Methyl-2-Pentanone	10.09	43	82815	0.41	ppbv	99
51) 2-Hexanone	11.62	43	65062	0.33	ppbv #	98
52) Tetrachloroethene	12.76	164	65951	0.58	ppbv	95
53) Toluene	11.21	91	168018	0.45	ppbv	100
54) 1,2-Dibromoethane	12.11	107	105247	0.53	ppbv	91
56) 1,1,1,2-Tetrachloroethane	13.76	131	81263	0.56	ppbv #	1
57) Chlorobenzene	13.79	112	192819	0.63	ppbv	99
58) Ethyl Benzene	14.38	91	275312	0.47	ppbv	92
59) m/p-Xylene	14.69	91	503922	1.11	ppbv	96
60) o-Xylene	15.46	91	290629	0.62	ppbv	97
61) Styrene	15.29	104	80915	0.36	ppbv	97
62) Isopropylbenzene	16.52	105	362357	0.55	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.45	83	213147	0.71	ppbv	100
64) n-propylbenzene	17.49	120	99177	0.57	ppbv	96
65) tert-Butylbenzene	18.78	119	346825	0.64	ppbv	96
66) Benzyl Chloride	19.07	91	92150	0.36	ppbv	97
67) sec-Butylbenzene	19.38	105	509652	0.60	ppbv	99
69) p-Isopropyltoluene	19.76	119	367437	0.55	ppbv	98
70) n-Butylbenzene	20.73	91	362207	0.52	ppbv	97
71) 2-Chlorotoluene	17.40	91	256122	0.48	ppbv	98
72) 4-Ethyltoluene	17.79	105	277575	0.49	ppbv	98
73) 1,3,5-Trimethylbenzene	17.96	105	282310	0.54	ppbv	97
74) 1,2,4-Trimethylbenzene	18.80	105	323086	0.63	ppbv #	95
75) 1,3-Dichlorobenzene	19.09	146	210216	0.66	ppbv	97
76) 1,4-Dichlorobenzene	19.24	146	209460	0.62	ppbv	98
77) 1,2-Dichlorobenzene	20.00	146	203313	0.61	ppbv	99
78) Hexachloro-1,3-Butadiene	24.65	225	84945	0.64	ppbv	96
79) Naphthalene	23.91	128	169279	0.42	ppbv	97
80) Naphthalene,2-methyl-	26.03	142	23361	0.23	ppbv #	86
81) 1,2,4-Trichlorobenzene	23.71	180	84342	0.49	ppbv	98

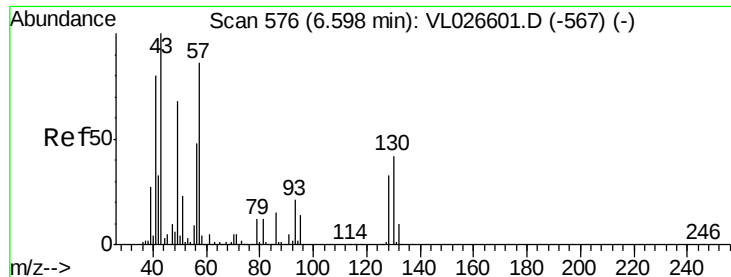
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
Data File : VL026650.D
Acq On : 8 Jan 2016 17:22
Operator : SY/AP
Sample : VSTDIC0.5
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Quant Time: Jan 08 22:14:29 2016
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 08 22:06:23 2016
QLast Update : Fri Jan 08 22:06:23 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

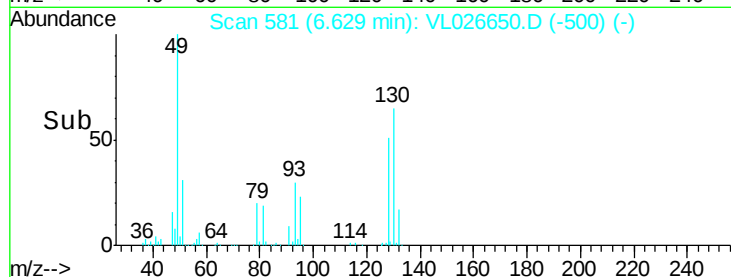
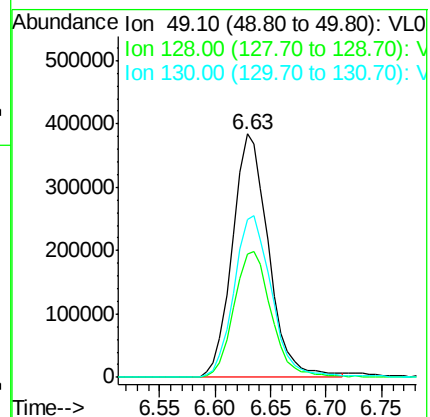
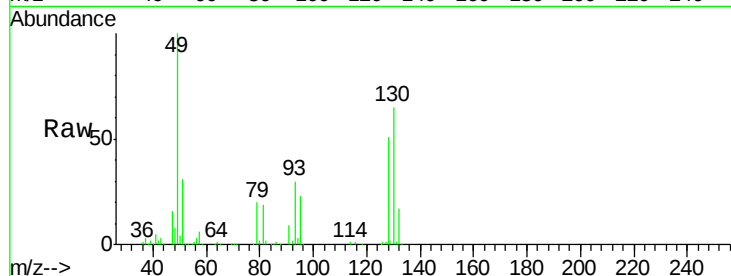
Tot Ion: 49 Resp: 866063

Ion Ratio Lower Upper

49 100

128 54.6 25.9 77.7

130 69.4 33.6 100.8



#2

Dichlorodifluoromethane

Concen: 0.55 ppbv

RT: 3.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VL026650.D

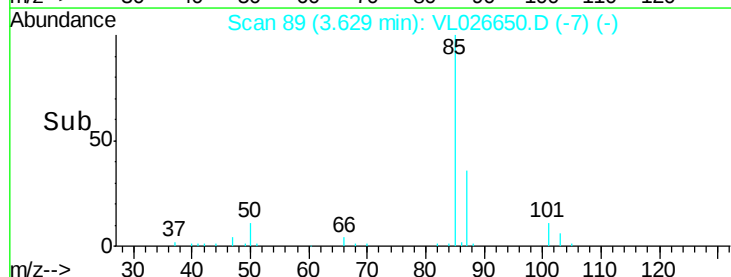
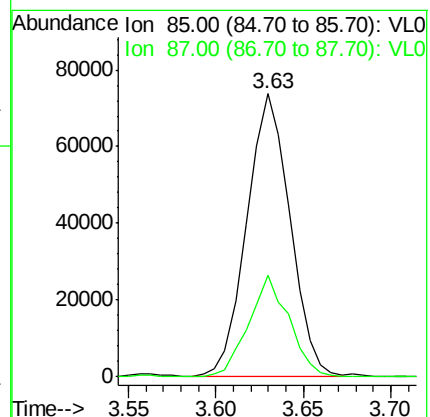
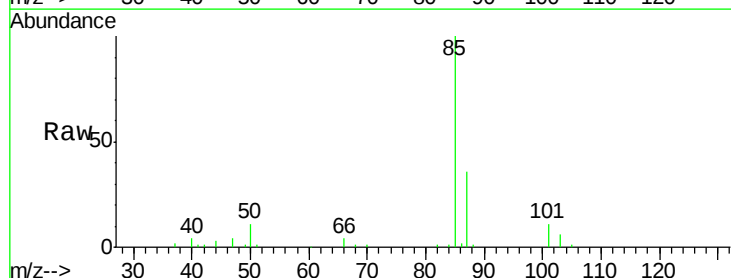
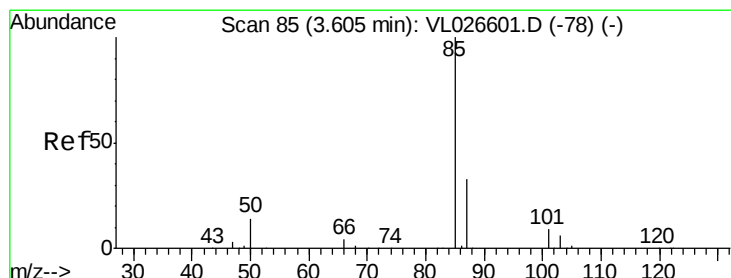
Acq: 8 Jan 2016 17:22

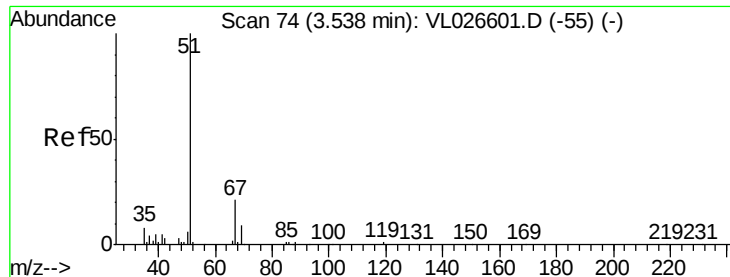
Tgt Ion: 85 Resp: 127176

Ion Ratio Lower Upper

85 100

87 35.7 26.4 39.6





#3

Chlorodifluoromethane

Concen: 0.58 ppbv

RT: 3.56 min Scan# 77

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

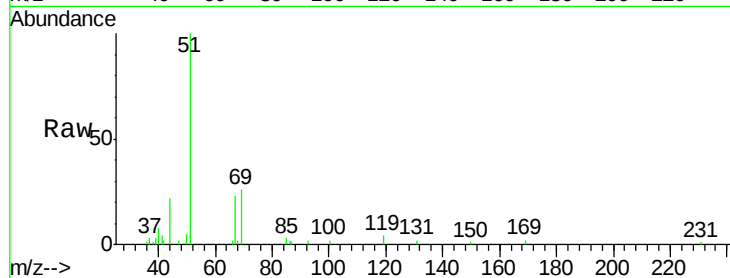
VSTDIC0.5

Tot Ion: 51 Resp: 63093

Ion Ratio Lower Upper

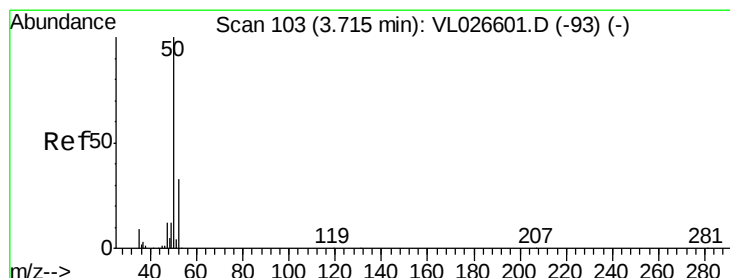
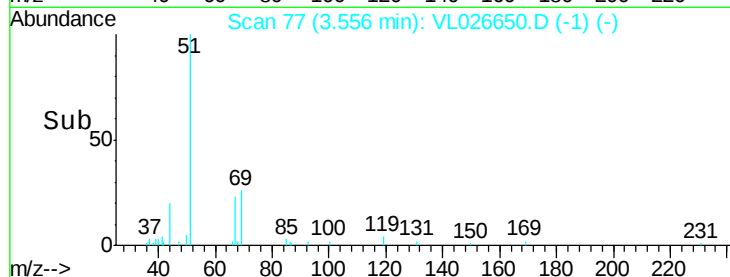
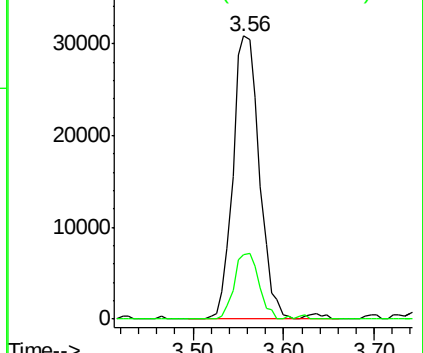
51 100

67 22.1 18.6 28.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.53 ppbv

RT: 3.73 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL026650.D

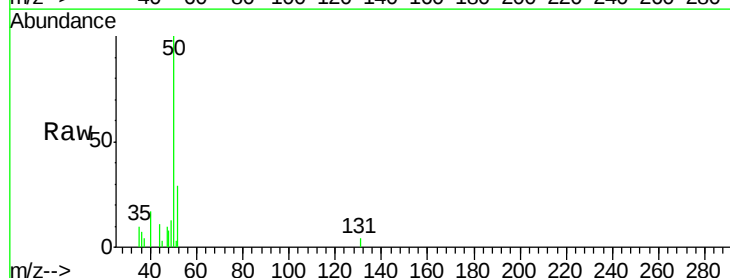
Acq: 8 Jan 2016 17:22

Tgt Ion: 50 Resp: 29694

Ion Ratio Lower Upper

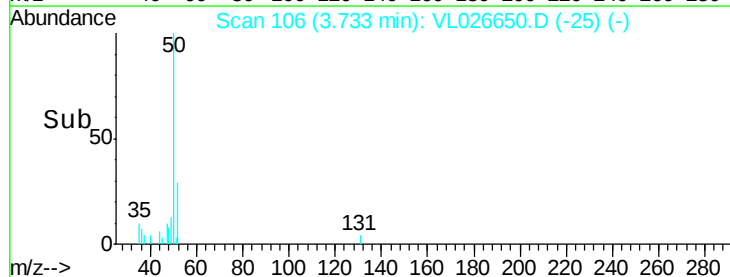
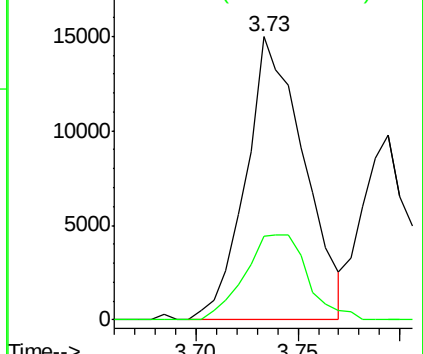
50 100

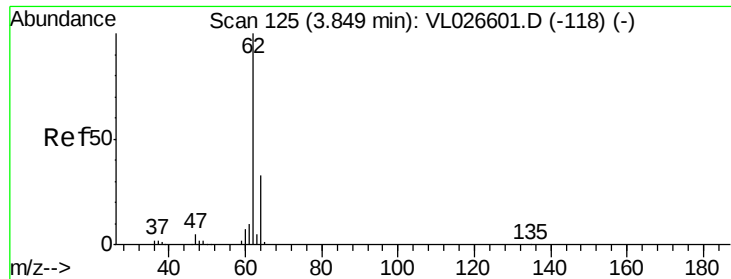
52 29.3 26.7 40.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.49 ppbv

RT: 3.88 min Scan# 130

Delta R.T. 0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

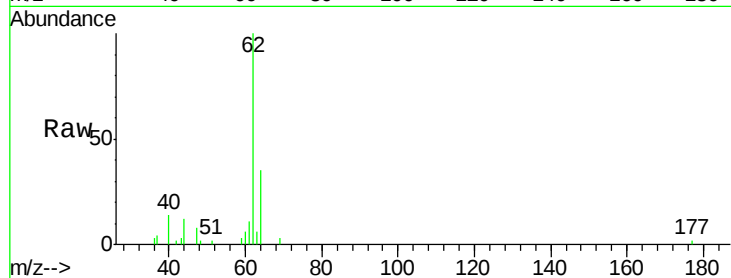
VSTDIC0.5

Tot Ion: 62 Resp: 31124

Ion Ratio Lower Upper

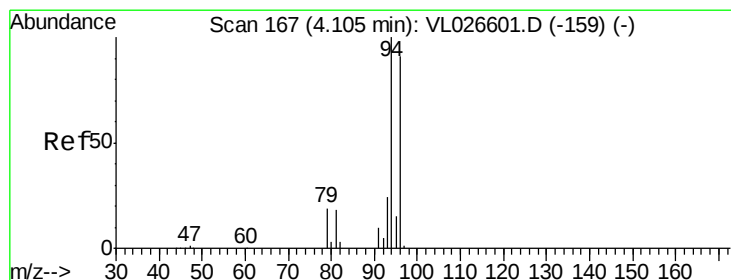
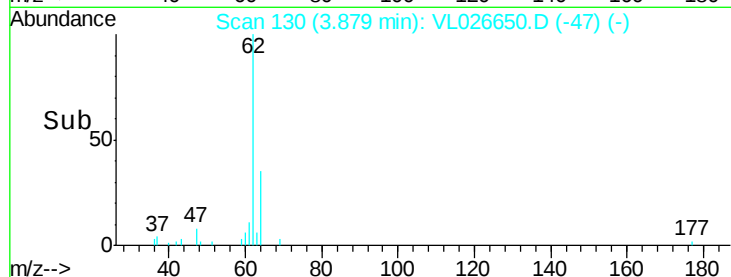
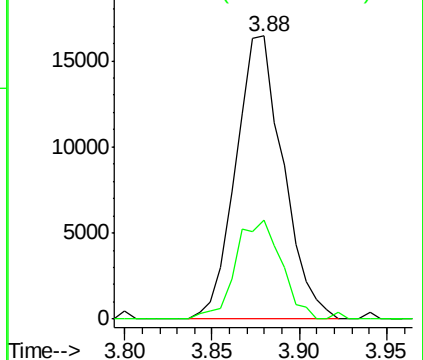
62 100

64 35.1 25.6 38.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.56 ppbv

RT: 4.14 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL026650.D

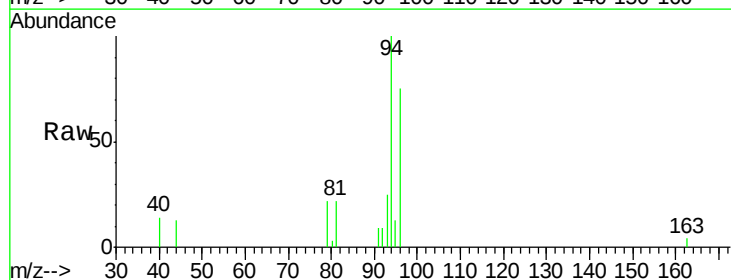
Acq: 8 Jan 2016 17:22

Tgt Ion: 94 Resp: 26573

Ion Ratio Lower Upper

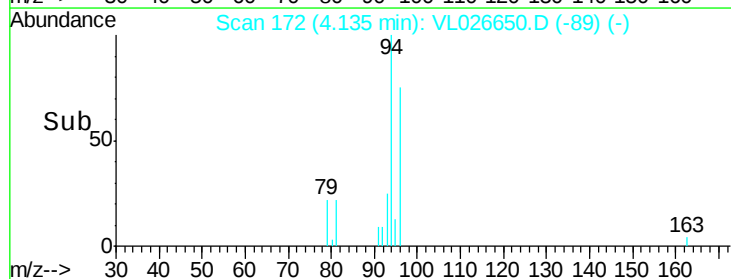
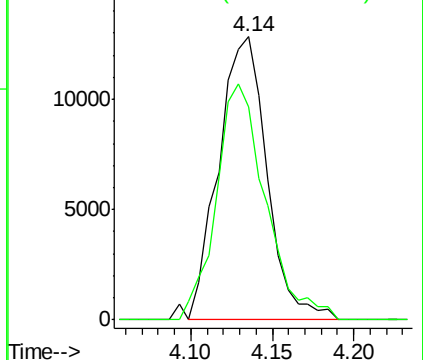
94 100

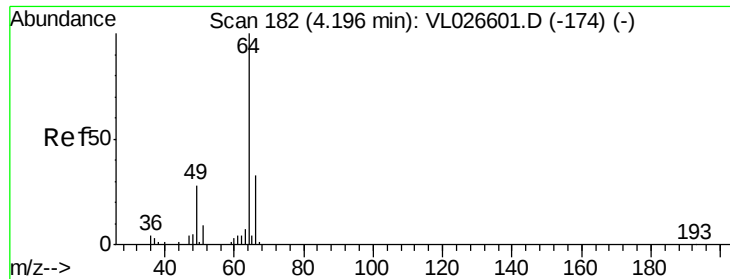
96 75.3 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.49 ppbv

RT: 4.23 min Scan# 187

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

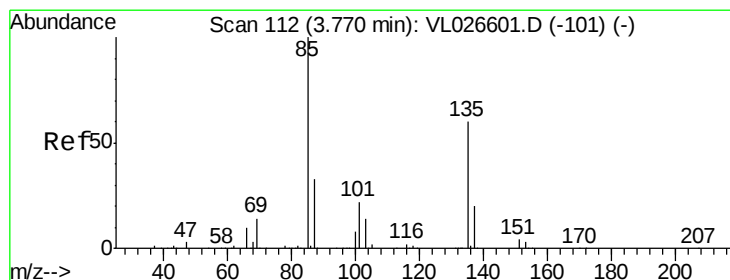
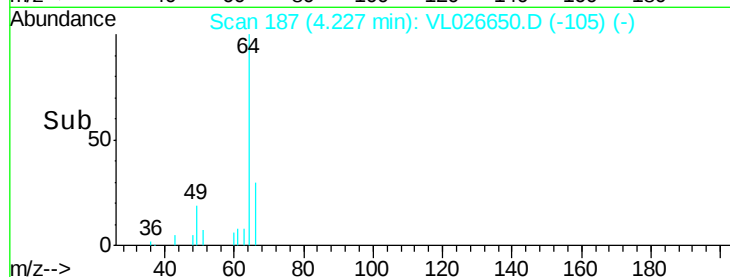
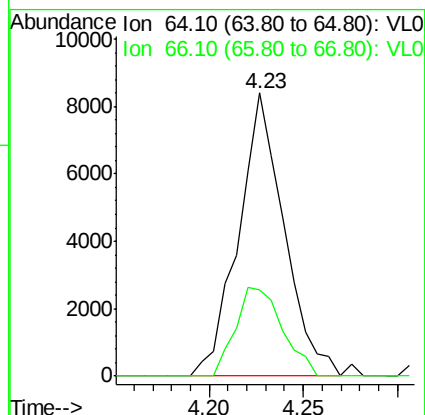
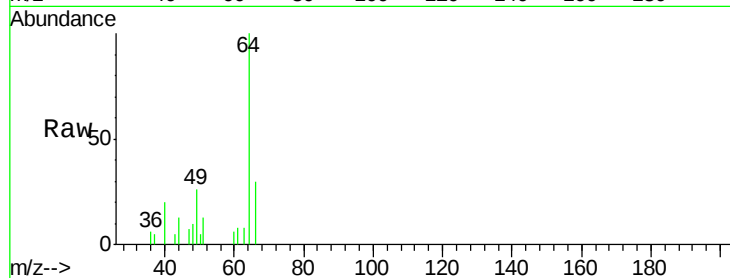
VSTDIC0.5

Tot Ion: 64 Resp: 14120

Ion Ratio Lower Upper

64 100

66 30.5 24.3 36.5



#8

Dichlorotetrafluoroethane

Concen: 0.54 ppbv

RT: 3.79 min Scan# 116

Delta R.T. 0.00 min

Lab File: VL026650.D

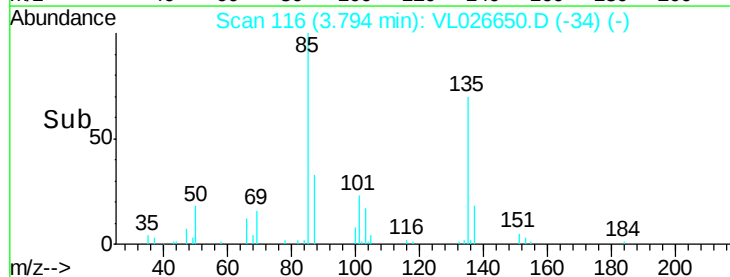
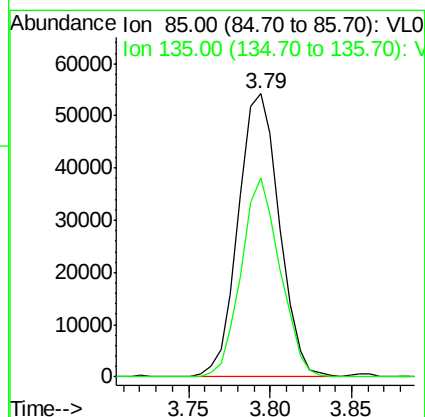
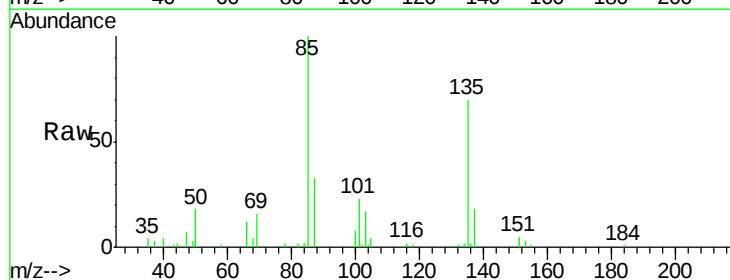
Acq: 8 Jan 2016 17:22

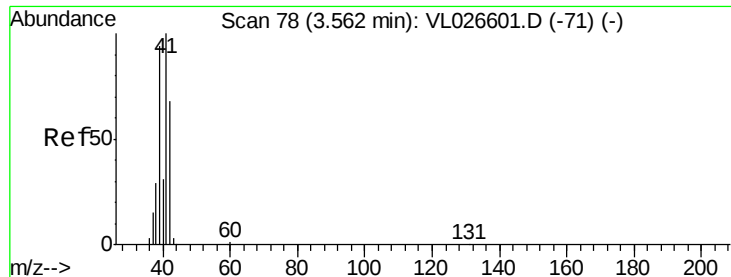
Tgt Ion: 85 Resp: 95487

Ion Ratio Lower Upper

85 100

135 66.2 49.8 74.6





#9

Propene

Concen: 0.49 ppbv

RT: 3.59 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

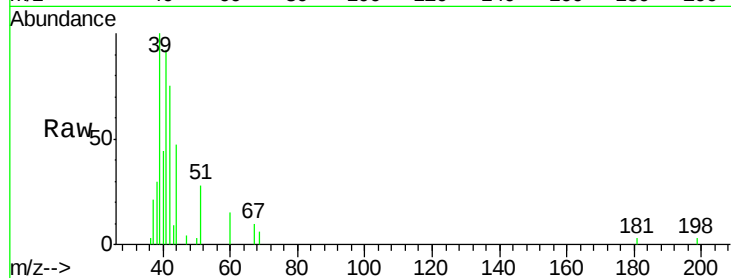
VSTDIC0.5

Tot Ion: 41 Resp: 20434

Ion Ratio Lower Upper

41 100

42 61.4 53.6 80.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.59

10000

8000

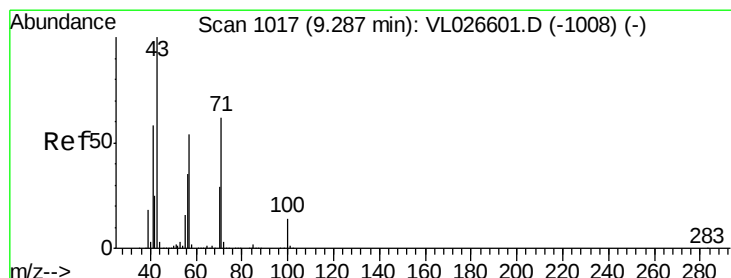
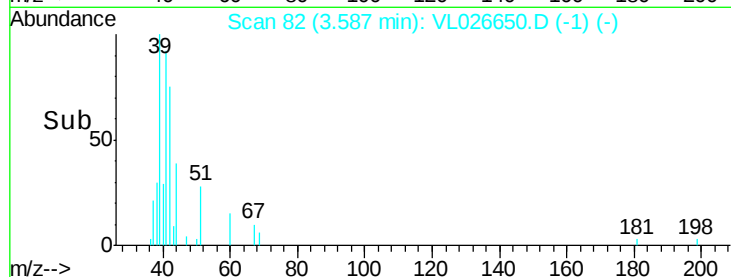
6000

4000

2000

0

Time-->



#10

Heptane

Concen: 0.49 ppbv

RT: 9.33 min Scan# 1024

Delta R.T. -0.01 min

Lab File: VL026650.D

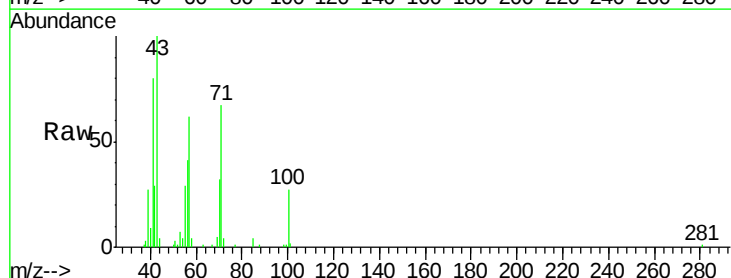
Acq: 8 Jan 2016 17:22

Tgt Ion: 43 Resp: 74992

Ion Ratio Lower Upper

43 100

57 66.6 45.8 68.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

9.33

40000

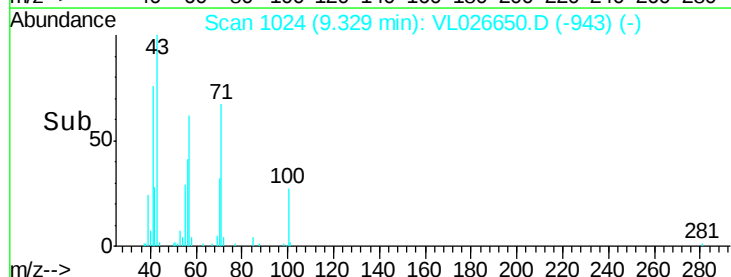
30000

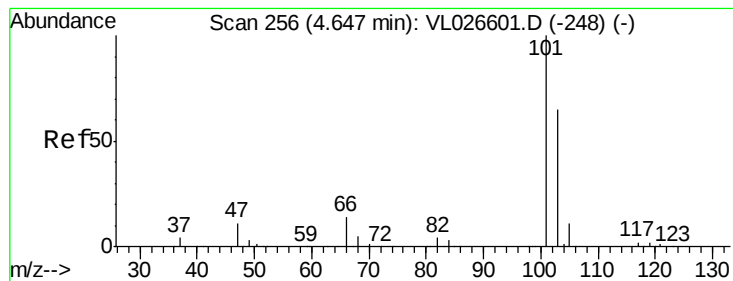
20000

10000

0

Time-->





#11

Trichlorofluoromethane

Concen: 0.56 ppbv

RT: 4.68 min Scan# 262

Delta R.T. 0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

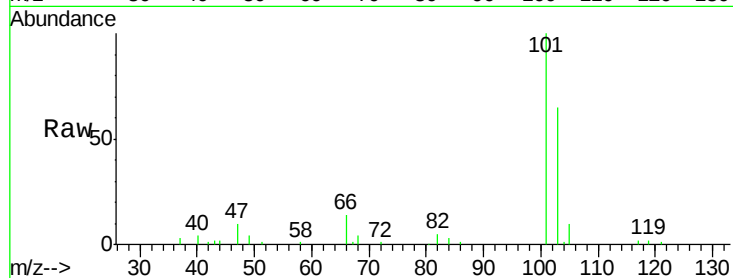
VSTDIC0.5

Tot Ion:101 Resp: 128879

Ion Ratio Lower Upper

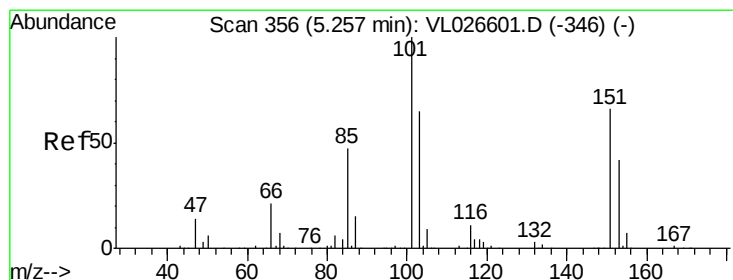
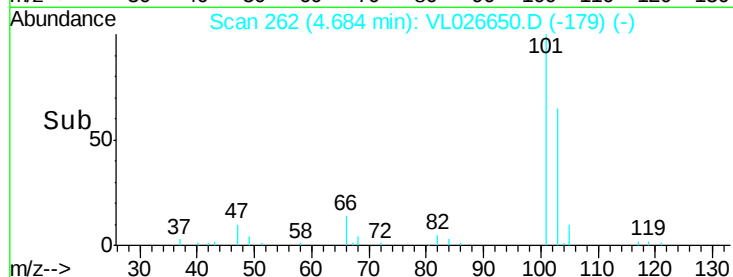
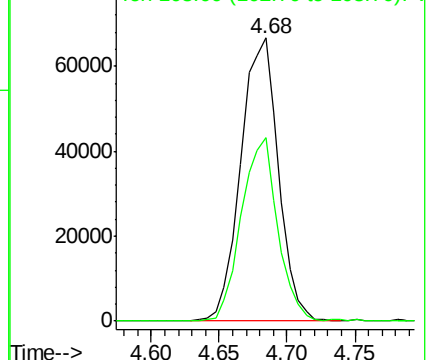
101 100

103 65.0 51.7 77.5



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: 0.57 ppbv

RT: 5.29 min Scan# 362

Delta R.T. 0.01 min

Lab File: VL026650.D

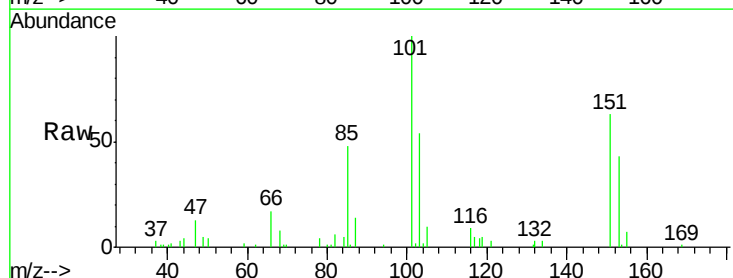
Acq: 8 Jan 2016 17:22

Tgt Ion:101 Resp: 80114

Ion Ratio Lower Upper

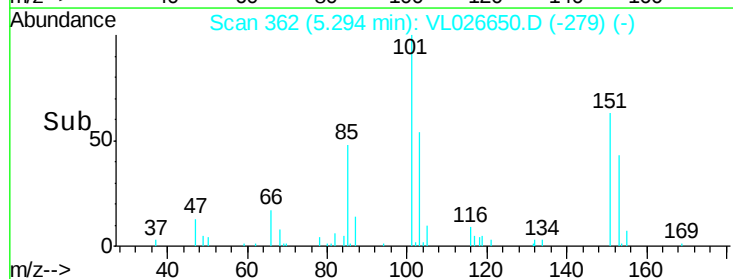
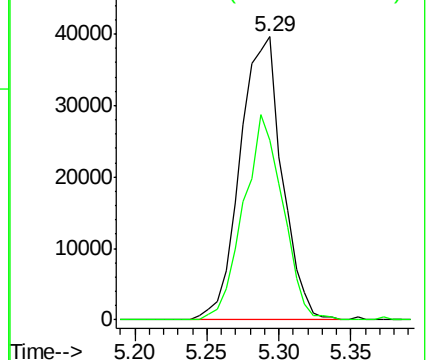
101 100

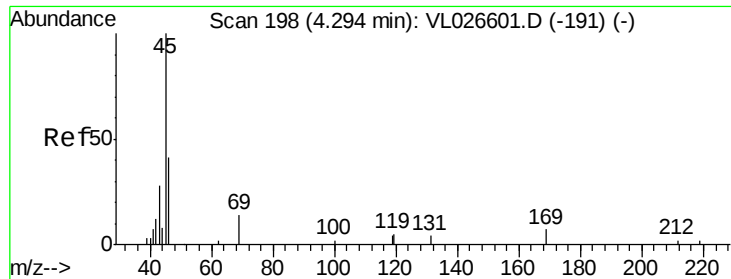
151 67.8 54.2 81.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 0.46 ppbv

RT: 4.34 min Scan# 206

Delta R.T. 0.03 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

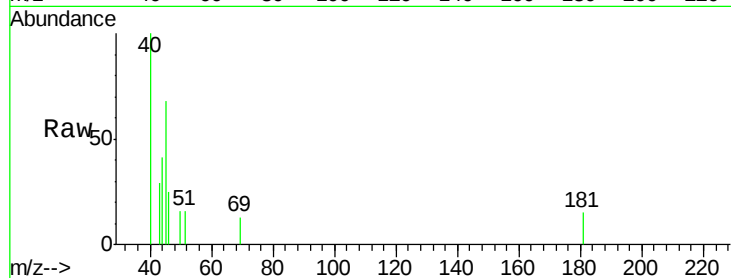
VSTDIC0.5

Tot Ion: 45 Resp: 4029

Ion Ratio Lower Upper

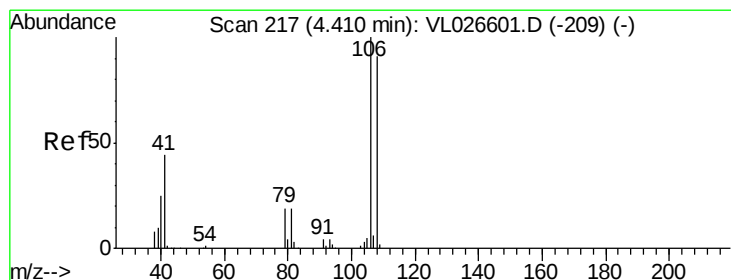
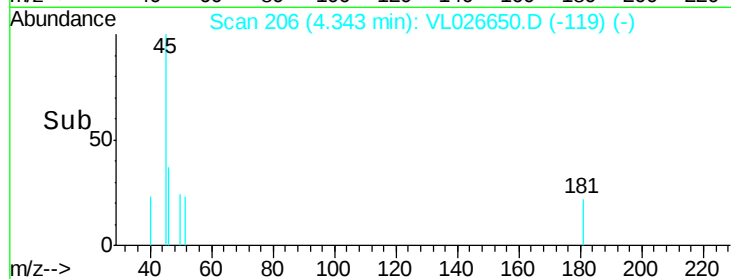
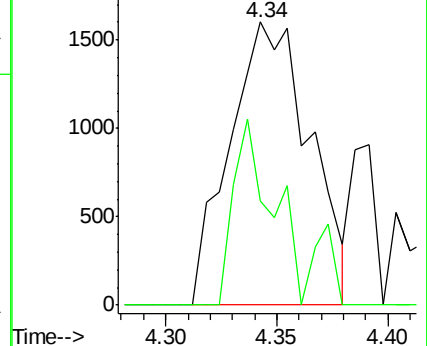
45 100

46 39.0 16.7 66.7



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 0.51 ppbv

RT: 4.44 min Scan# 222

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

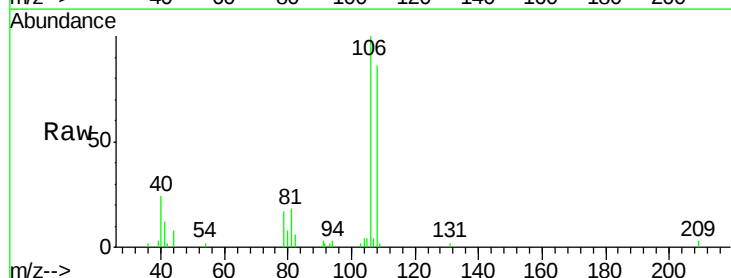
Tgt Ion: 108 Resp: 27254

Ion Ratio Lower Upper

108 100

106 110.6 86.3 129.5

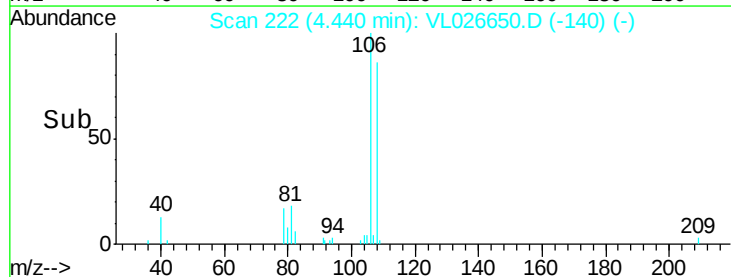
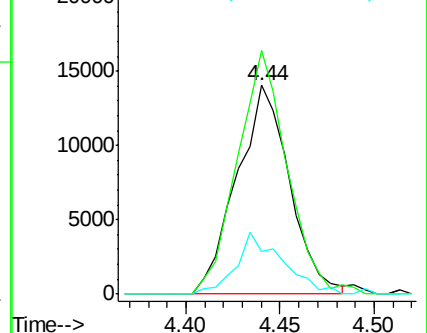
79 26.4 17.3 25.9#

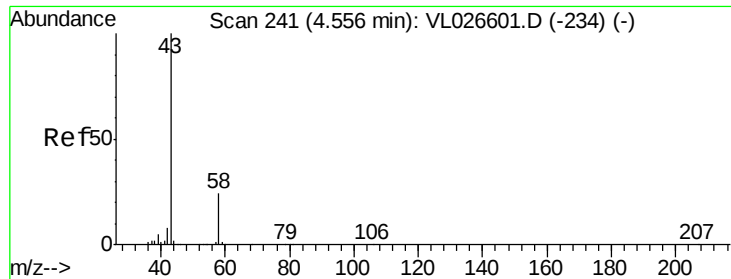


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 0.63 ppbv

RT: 4.60 min Scan# 249

Delta R.T. 0.02 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

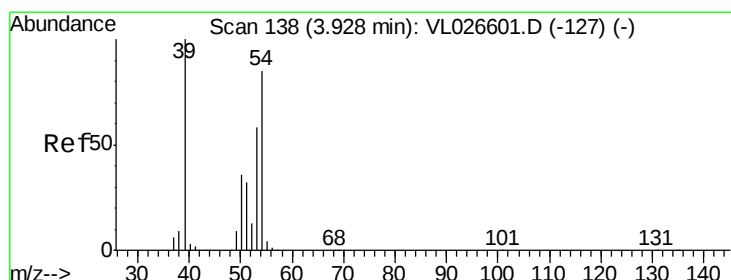
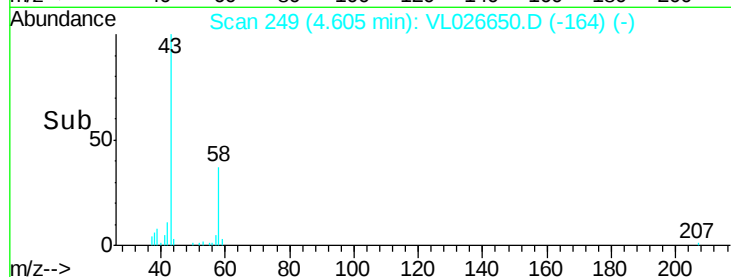
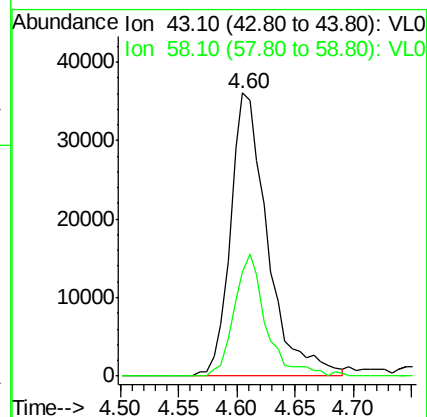
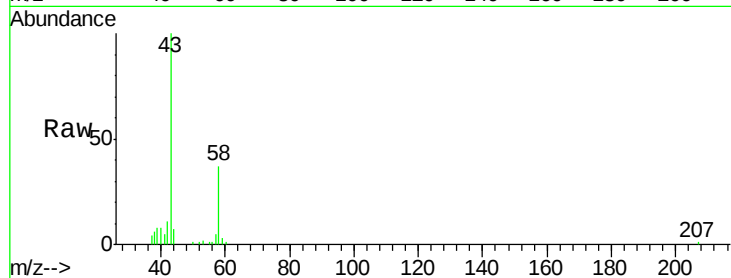
VSTDIC0.5

Tot Ion: 43 Resp: 79840

Ion Ratio Lower Upper

43 100

58 36.9 19.2 28.8#



#16

1,3-Butadiene

Concen: 0.52 ppbv

RT: 3.95 min Scan# 142

Delta R.T. -0.01 min

Lab File: VL026650.D

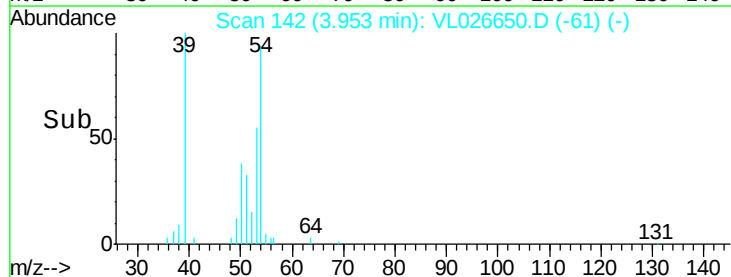
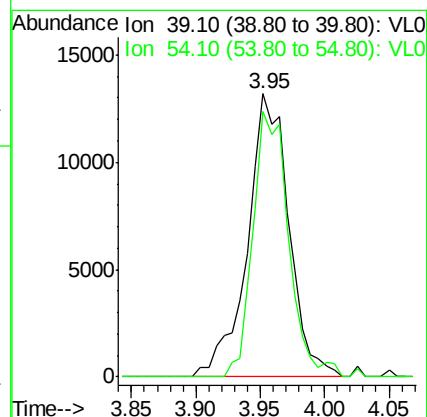
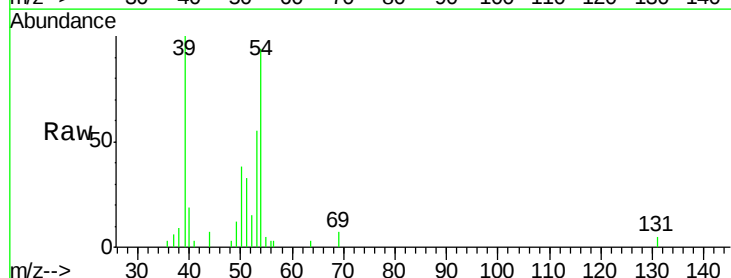
Acq: 8 Jan 2016 17:22

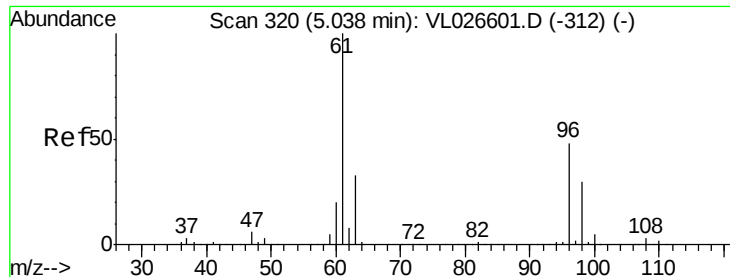
Tgt Ion: 39 Resp: 29321

Ion Ratio Lower Upper

39 100

54 80.8 66.4 99.6

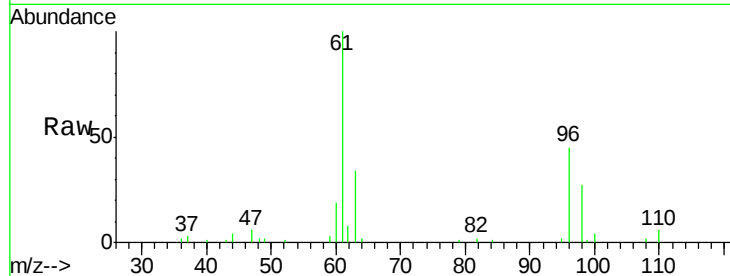




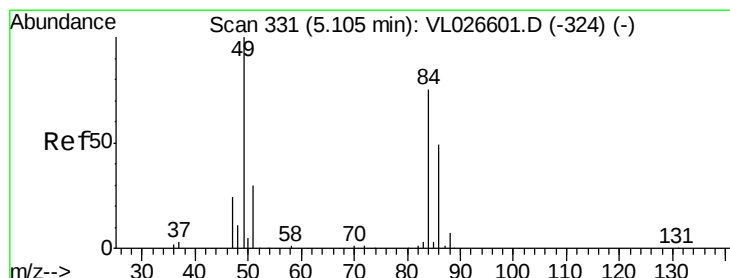
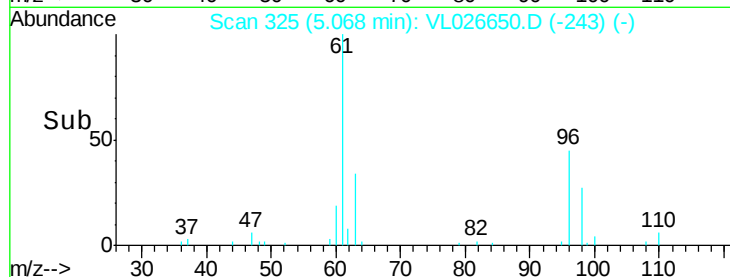
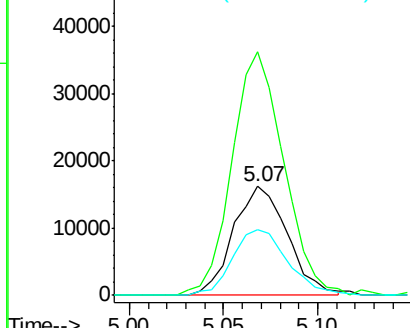
#18
 1,1-Dichloroethene
 Concen: 0.53 ppbv
 RT: 5.07 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion: 96 Resp: 32140
 Ion Ratio Lower Upper
 96 100
 61 218.3 176.7 265.1
 98 60.2 51.8 77.6

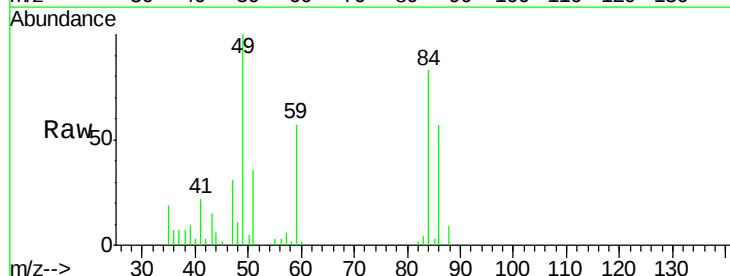


Abundance Ion 96.00 (95.70 to 96.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0

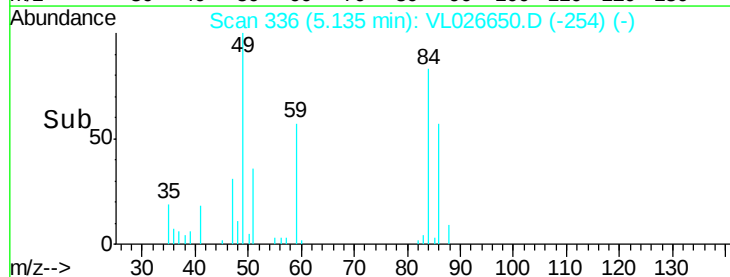
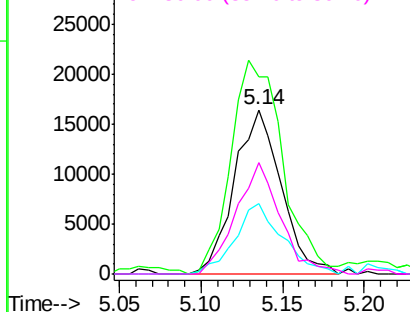


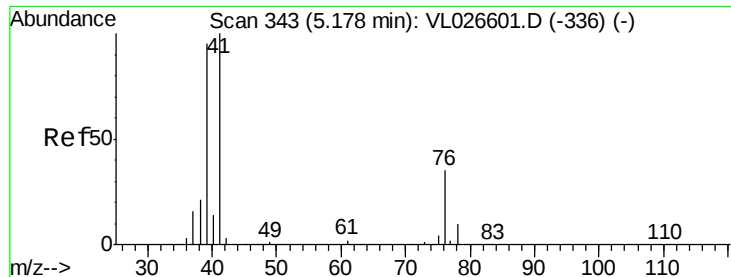
#20
 Methylene Chloride
 Concen: 0.60 ppbv
 RT: 5.14 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion: 84 Resp: 32845
 Ion Ratio Lower Upper
 84 100
 49 119.9 112.3 168.5
 51 43.1 32.5 48.7
 86 67.8 50.3 75.5



Abundance Ion 84.00 (83.70 to 84.70): VL0
 Ion 49.10 (48.80 to 49.80): VL0
 Ion 51.10 (50.80 to 51.80): VL0
 Ion 86.00 (85.70 to 86.70): VL0





#21

Allvl Chloride

Concen: 0.51 ppbv

RT: 5.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

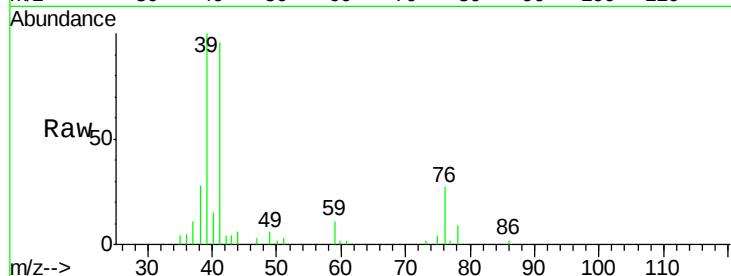
Tot Ion: 41 Resp: 44955

Ion Ratio Lower Upper

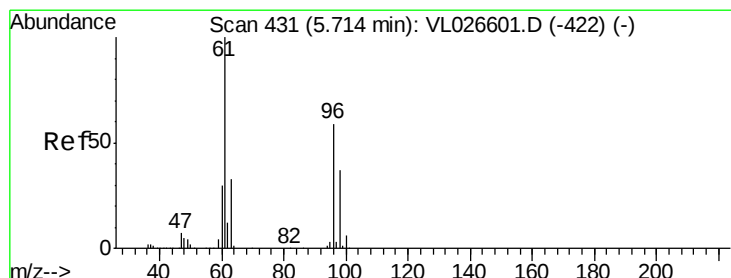
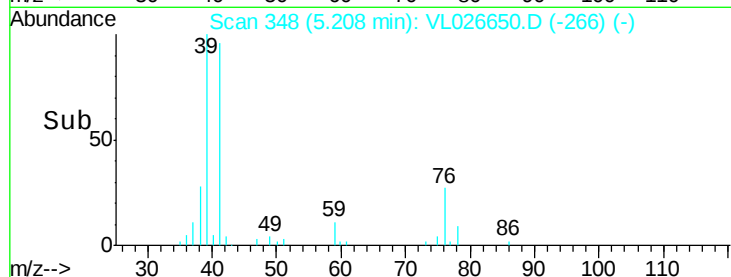
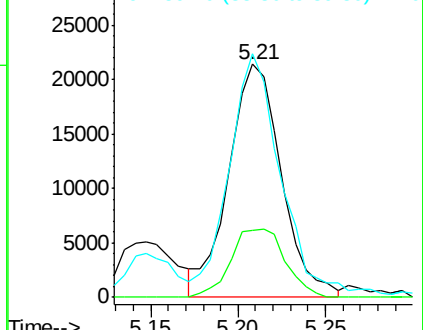
41 100

76 30.2 27.5 41.3

39 122.4 83.2 124.8



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: 0.51 ppbv

RT: 5.75 min Scan# 437

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

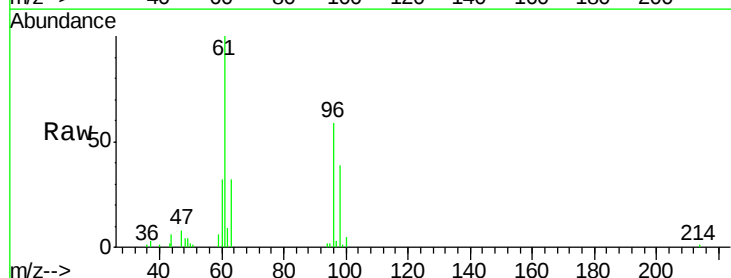
Tgt Ion: 96 Resp: 35667

Ion Ratio Lower Upper

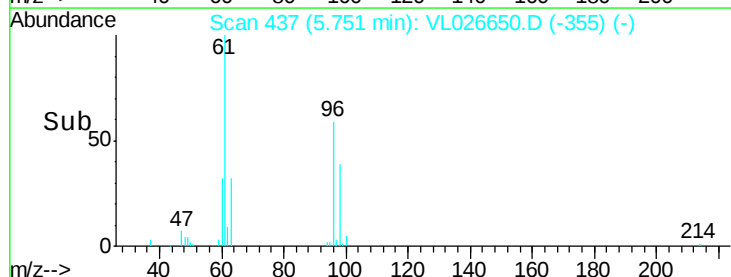
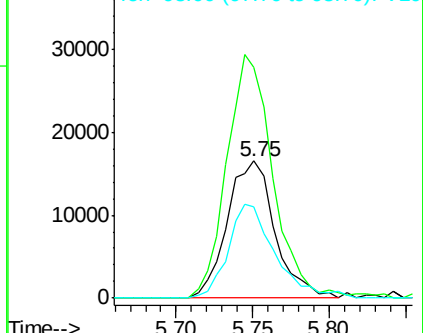
96 100

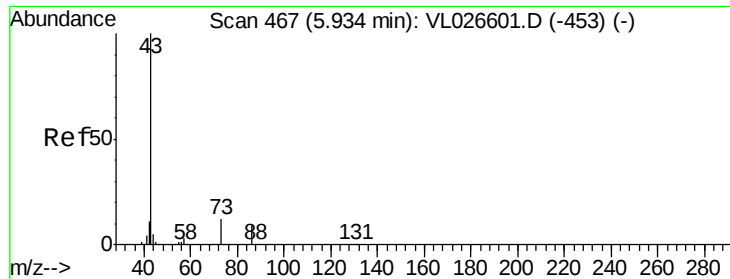
61 169.1 131.0 196.6

98 66.6 48.1 72.1



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: 0.45 ppbv

RT: 5.97 min Scan# 473

Delta R.T. 0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion: 43 Resp: 102555

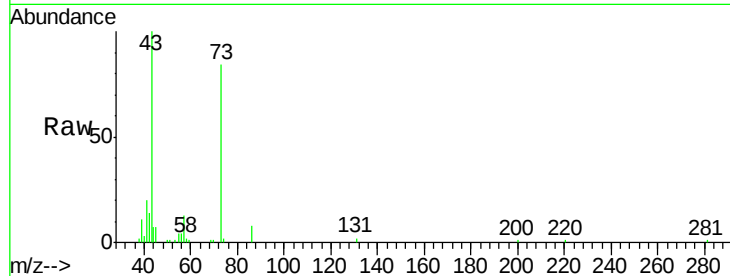
Ion Ratio Lower Upper

43 100

86 8.1 7.4 11.0

42 13.8 9.2 13.8#

44 3.8 3.8 5.8#

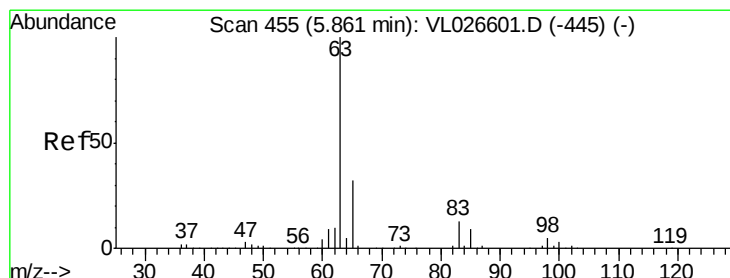
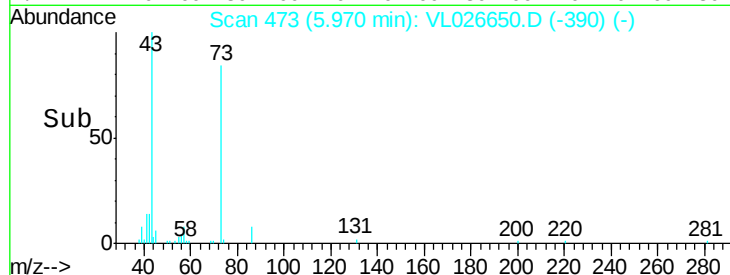
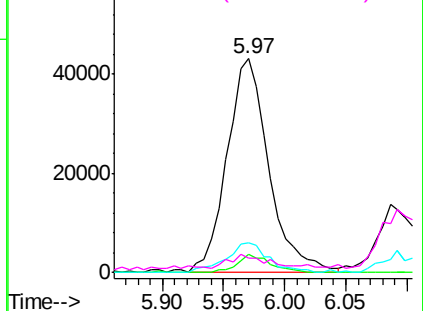


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.56 ppbv

RT: 5.89 min Scan# 460

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

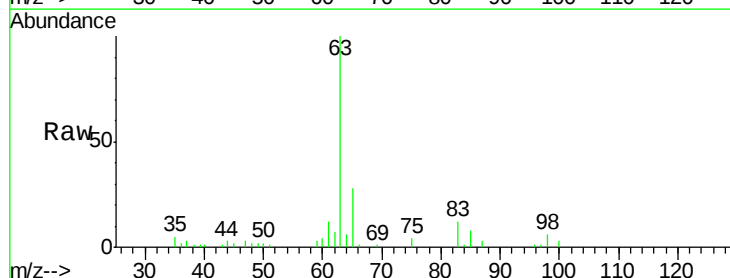
Tgt Ion: 63 Resp: 86381

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.7

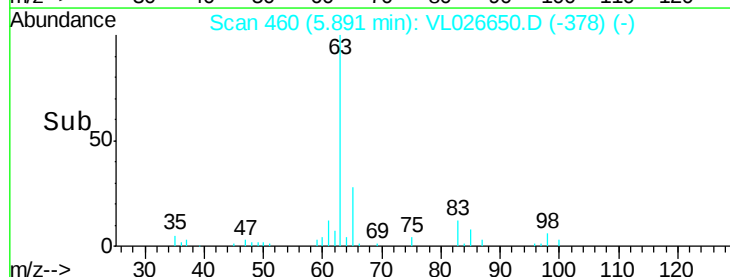
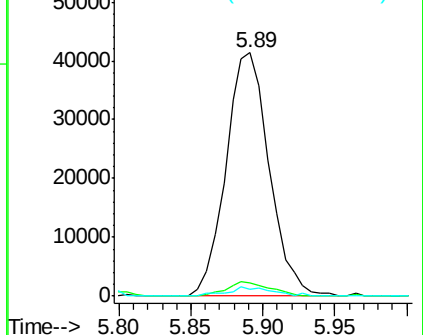
100 2.6 1.6 4.8

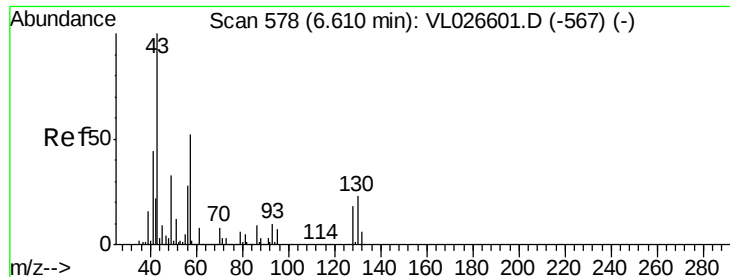


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

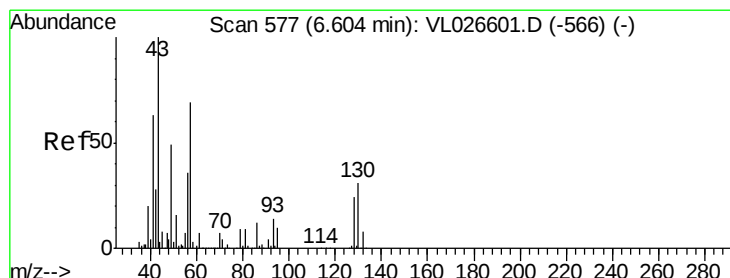
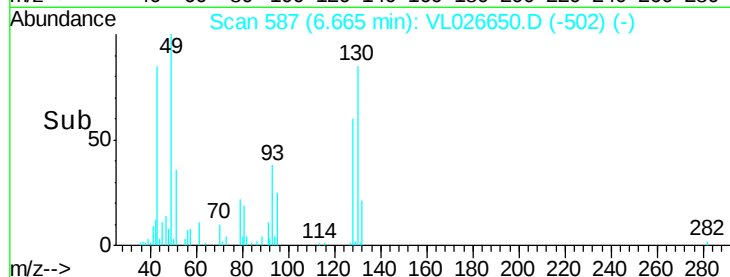
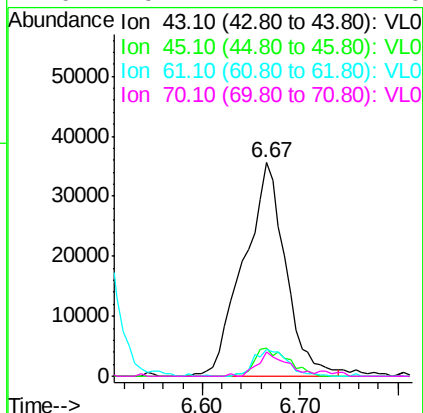
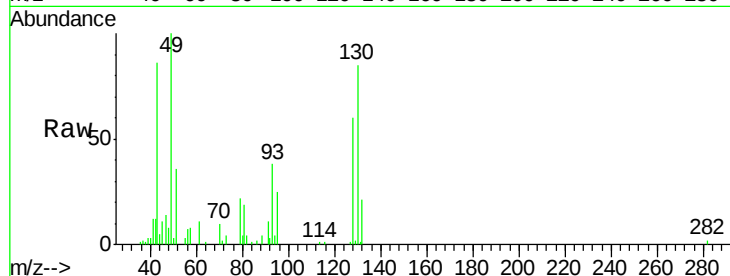




#25
Ethyl Acetate
Concen: 0.48 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.02 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

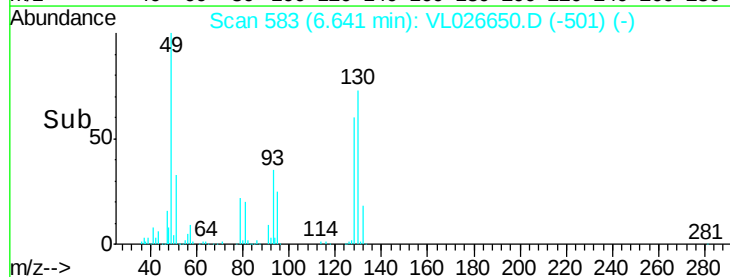
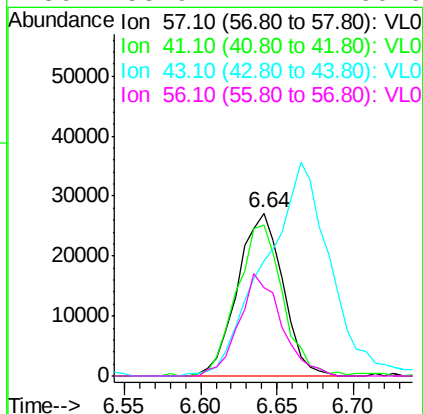
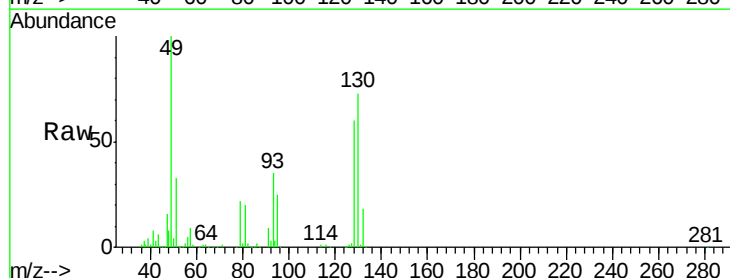
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

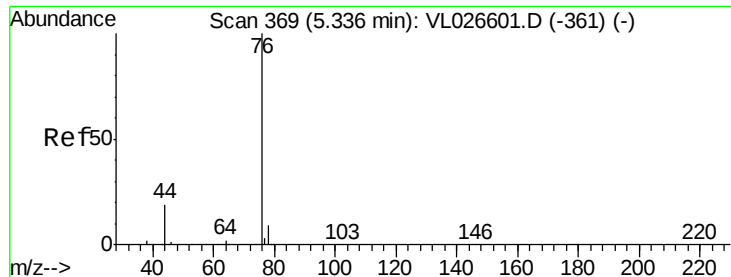
Tot Ion:	43	Resp:	105704
Ion	Ratio	Lower	Upper
43	100		
45	10.7	7.5	11.3
61	10.3	7.3	10.9
70	9.2	7.4	11.0



#26
Hexane
Concen: 0.50 ppbv
RT: 6.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion:	57	Resp:	55929
Ion	Ratio	Lower	Upper
57	100		
41	95.8	74.8	112.2
43	192.6	161.5	242.3
56	58.9	44.4	66.6

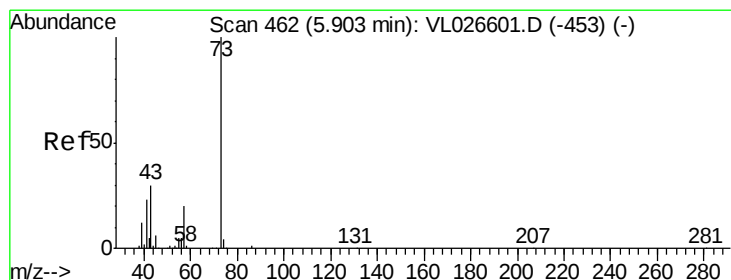
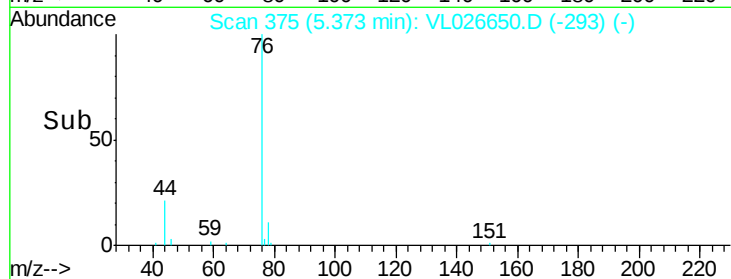
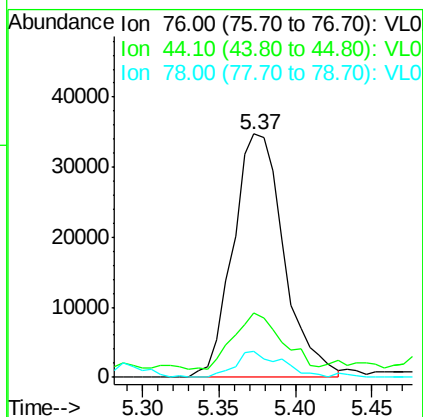
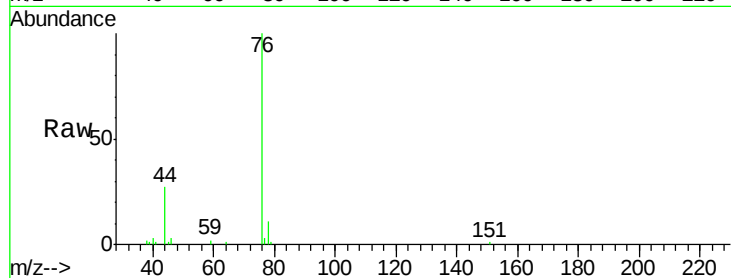




#27
Carbon Disulfide
Concen: 0.46 ppbv
RT: 5.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

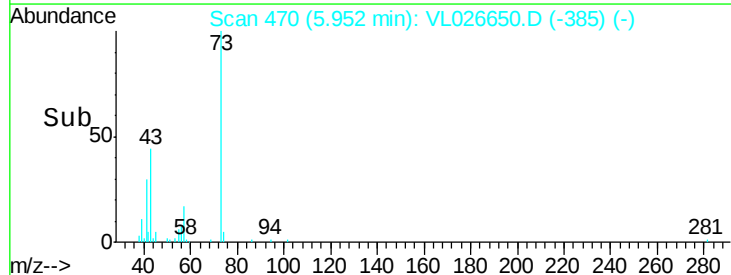
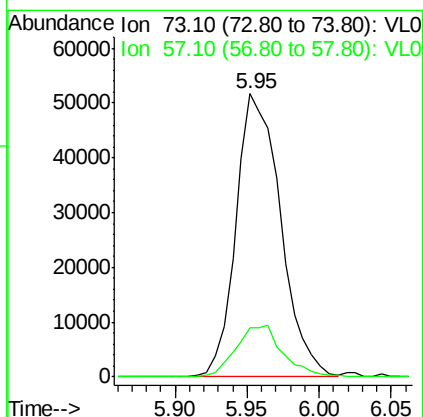
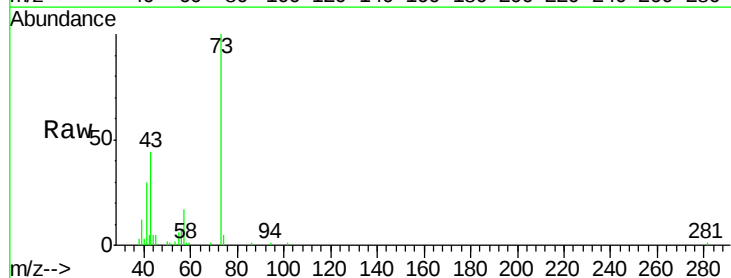
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

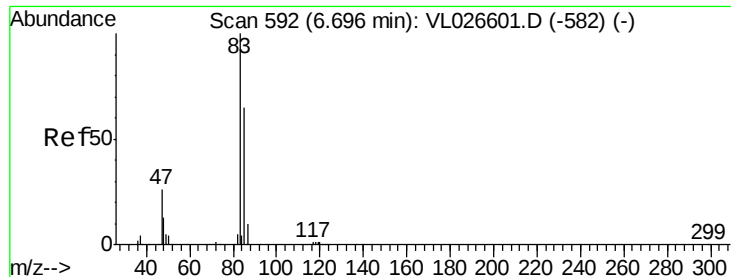
Tot Ion: 76 Resp: 80206
Ion Ratio Lower Upper
76 100
44 22.8 16.1 24.1
78 10.3 7.4 11.0



#28
Methyl tert-Butyl Ether
Concen: 0.49 ppbv
RT: 5.95 min Scan# 470
Delta R.T. 0.02 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion: 73 Resp: 110886
Ion Ratio Lower Upper
73 100
57 19.2 16.2 24.4

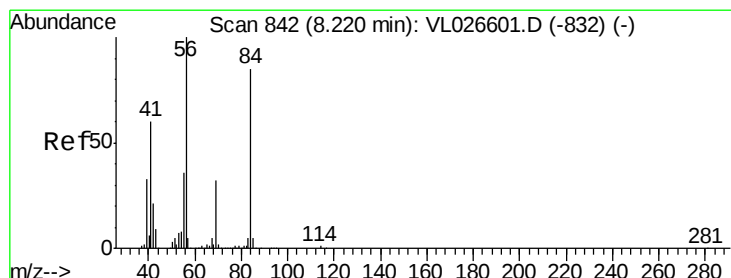
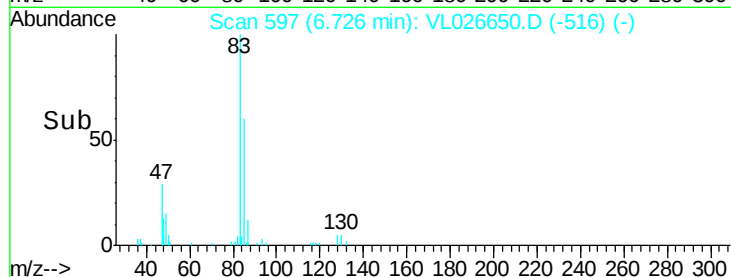
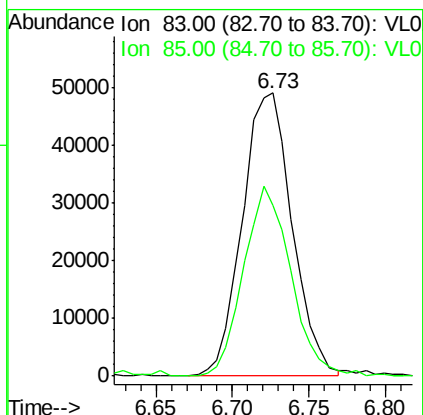
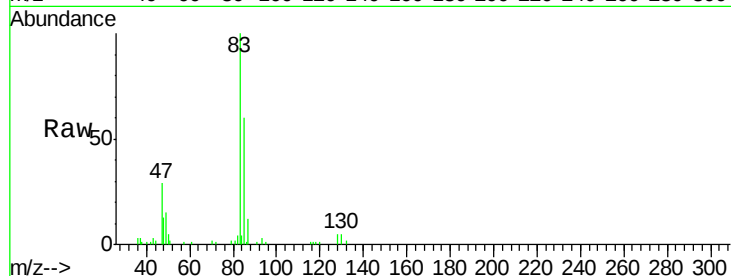




#29
Chloroform
Concen: 0.56 ppbv
RT: 6.73 min Scan# 597
Delta R.T. -0.01 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

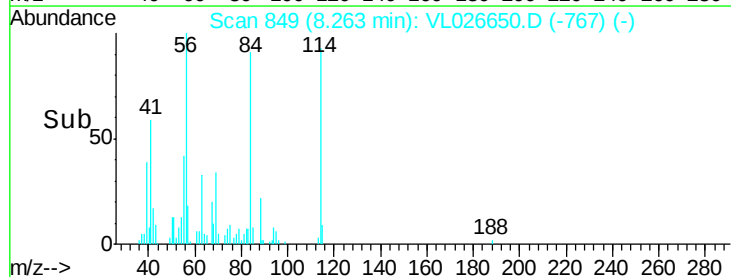
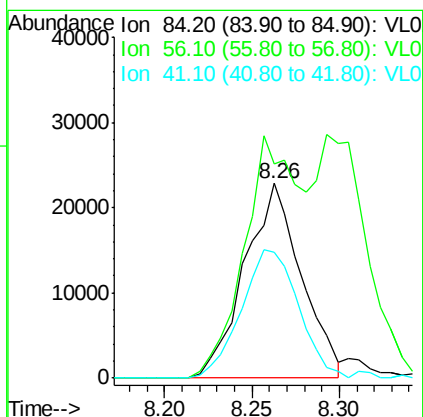
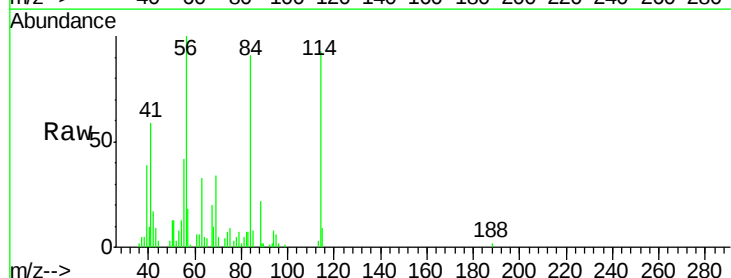
Instrument :
MSVOA_L
ClientSampled :
VSTDIC0.5

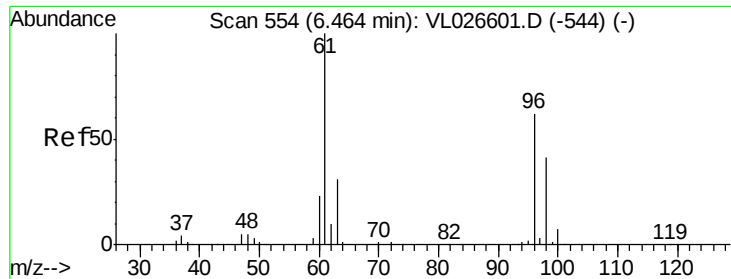
Tot Ion: 83 Resp: 111484
Ion Ratio Lower Upper
83 100
85 60.3 51.6 77.4



#30
Cyclohexane
Concen: 0.46 ppbv
RT: 8.26 min Scan# 849
Delta R.T. 0.00 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion: 84 Resp: 51879
Ion Ratio Lower Upper
84 100
56 0.0 95.9 143.9#
41 67.2 54.8 82.2





#31

cis-1,2-Dichloroethene

Concen: 0.46 ppbv

RT: 6.49 min Scan# 559

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

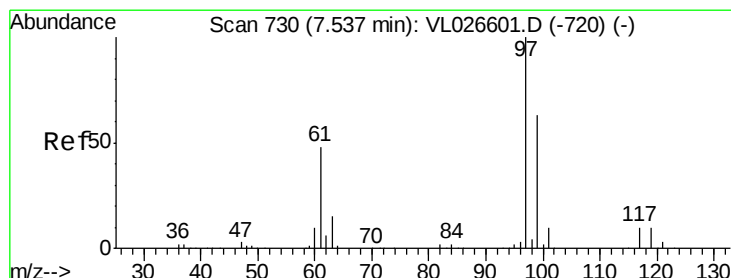
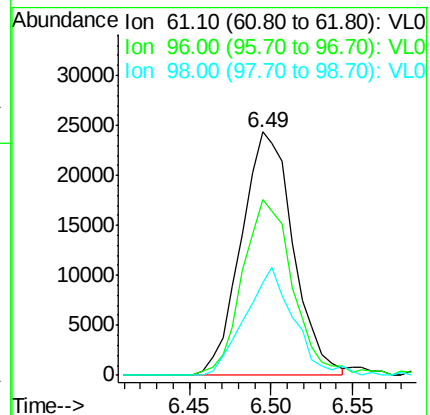
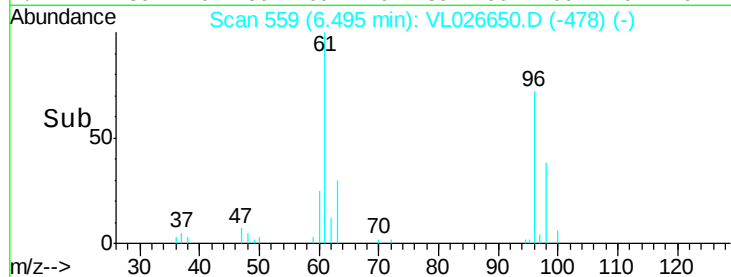
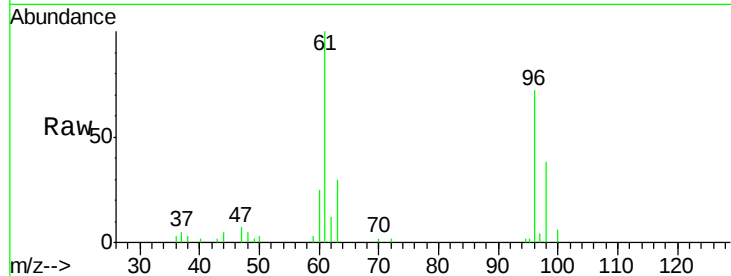
Tot Ion: 61 Resp: 54088

Ion Ratio Lower Upper

61 100

96 72.2 50.2 75.4

98 38.0 32.4 48.6



#32

1,1,1-Trichloroethane

Concen: 0.52 ppbv

RT: 7.57 min Scan# 736

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

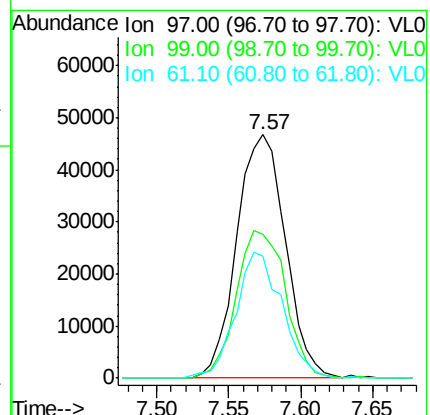
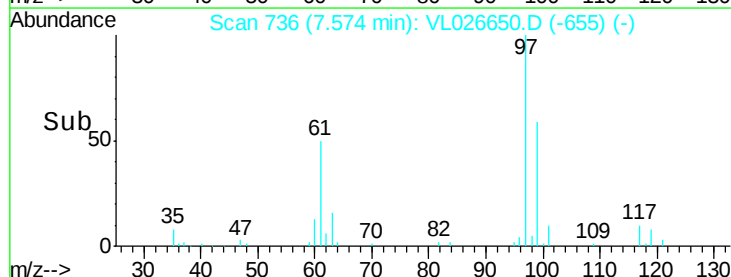
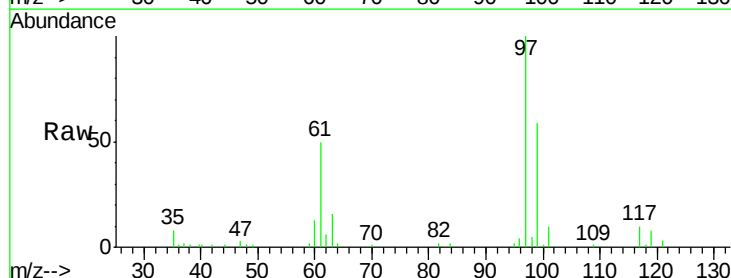
Tgt Ion: 97 Resp: 109831

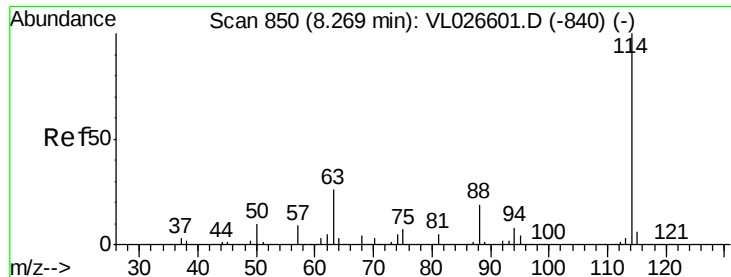
Ion Ratio Lower Upper

97 100

99 61.5 50.8 76.2

61 49.2 38.6 58.0

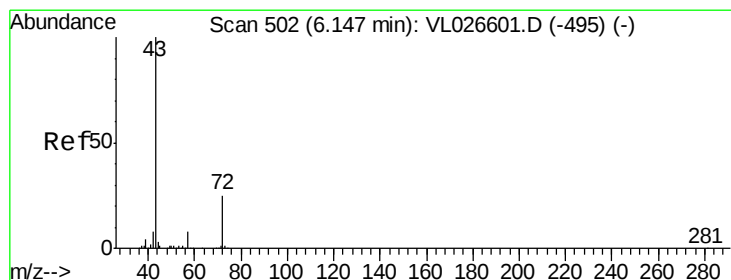
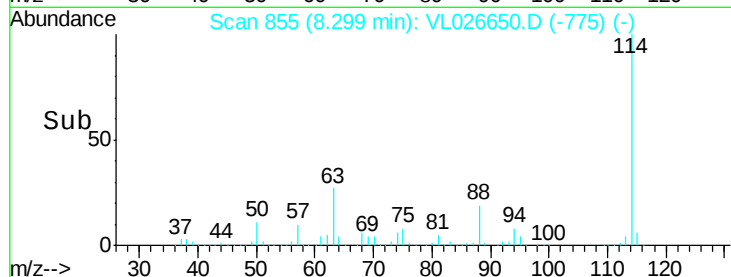
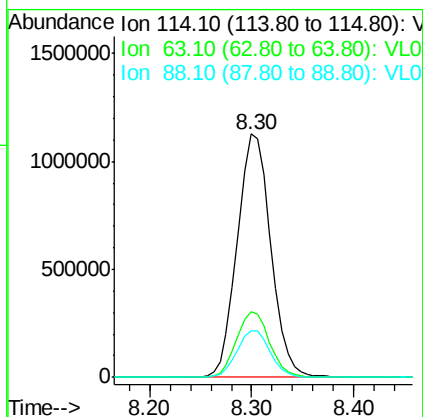
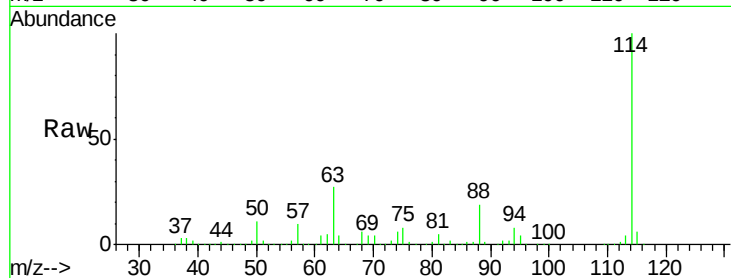




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.30 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

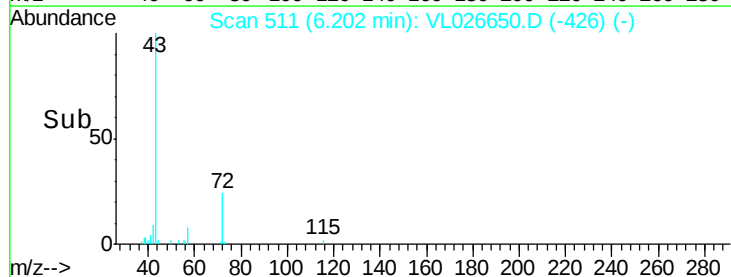
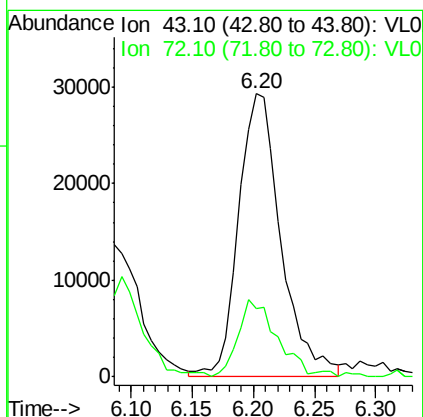
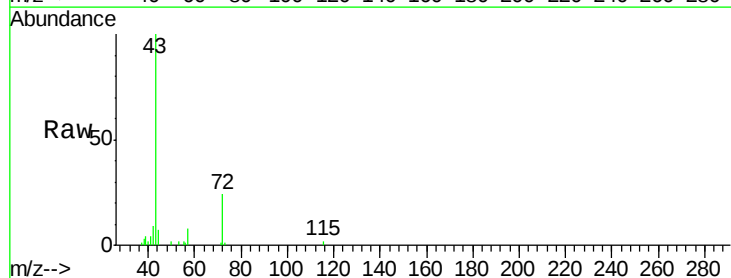
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

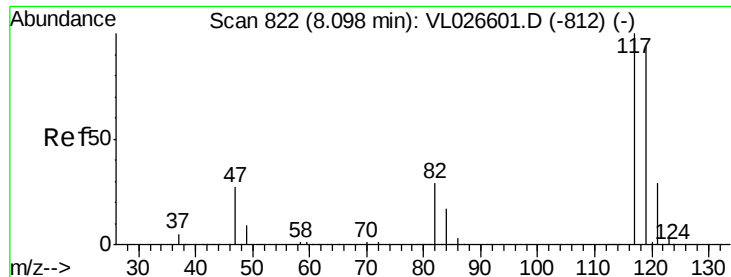
Tot Ion:114 Resp: 2583581
 Ion Ratio Lower Upper
 114 100
 63 26.6 21.7 32.5
 88 19.1 15.2 22.8



#34
 2-Butanone
 Concen: 0.52 ppbv
 RT: 6.20 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion: 43 Resp: 70671
 Ion Ratio Lower Upper
 43 100
 72 25.8 20.9 31.3





#35

Carbon Tetrachloride

Concen: 0.51 ppbv

RT: 8.14 min Scan# 829

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

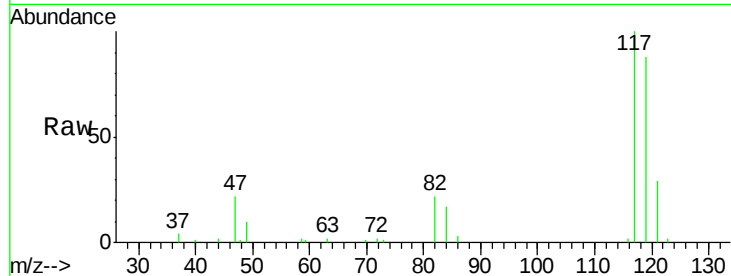
Tot Ion:117 Resp: 108032

Ion Ratio Lower Upper

117 100

119 88.3 74.7 112.1

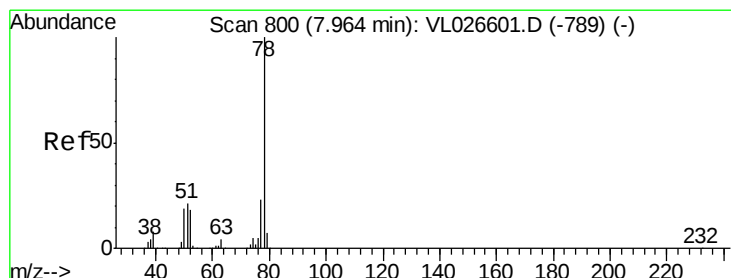
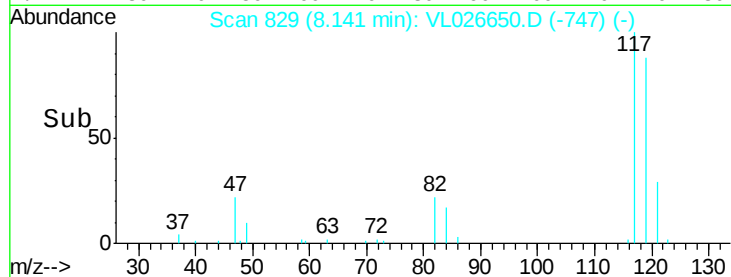
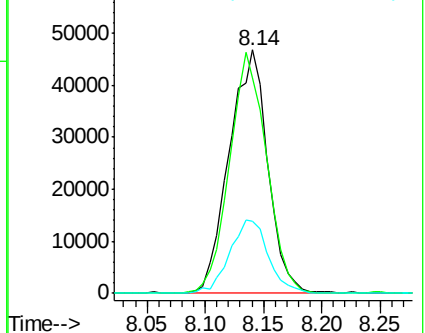
121 29.4 23.1 34.7



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: 0.50 ppbv

RT: 8.00 min Scan# 806

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

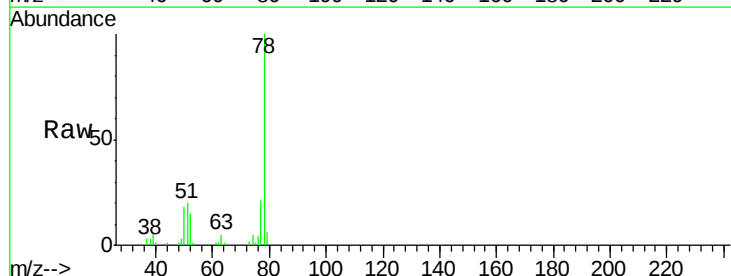
Tgt Ion: 78 Resp: 129649

Ion Ratio Lower Upper

78 100

77 21.1 18.5 27.7

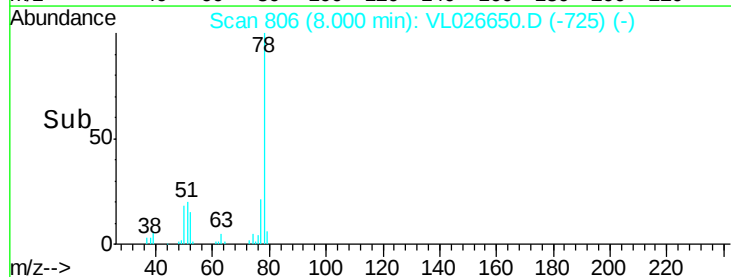
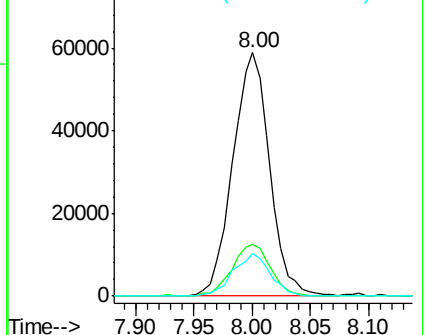
50 17.6 15.4 23.2

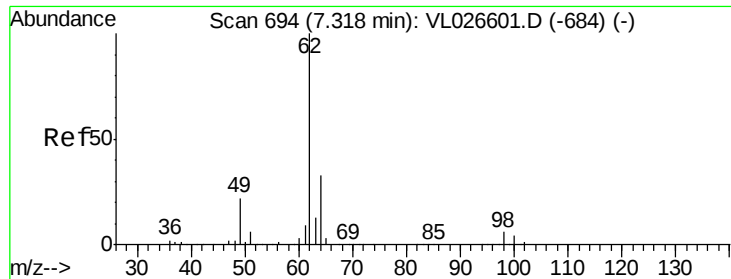


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

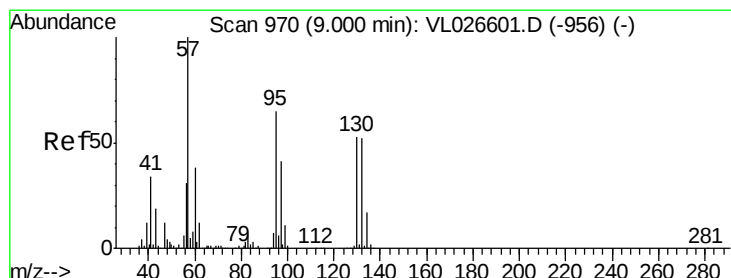
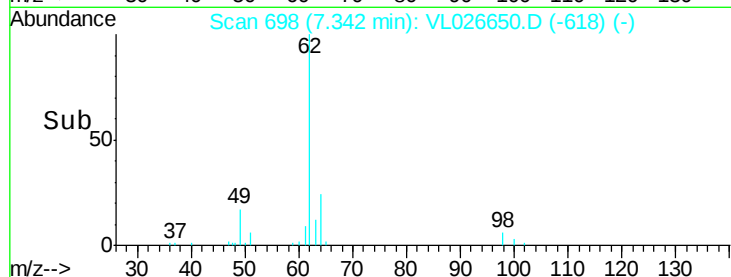
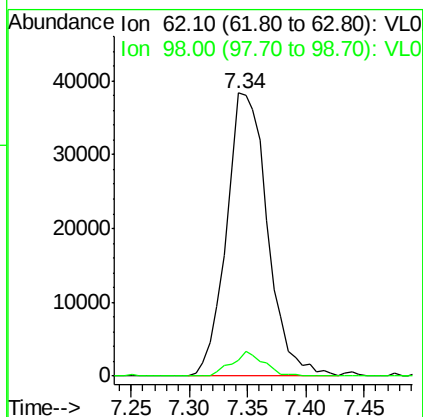
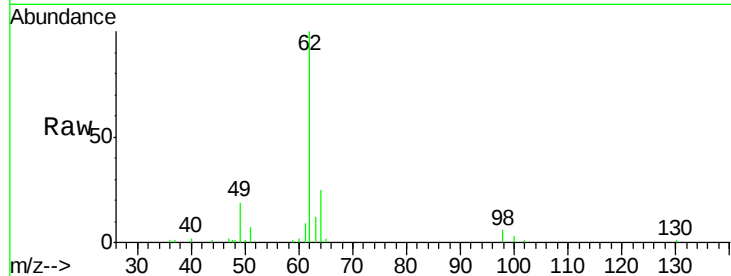




#37
 1,2-Dichloroethane
 Concen: 0.53 ppbv
 RT: 7.34 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

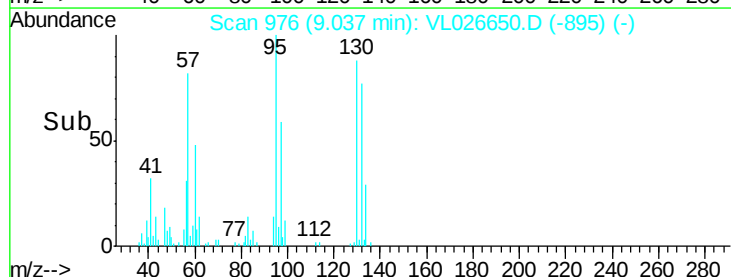
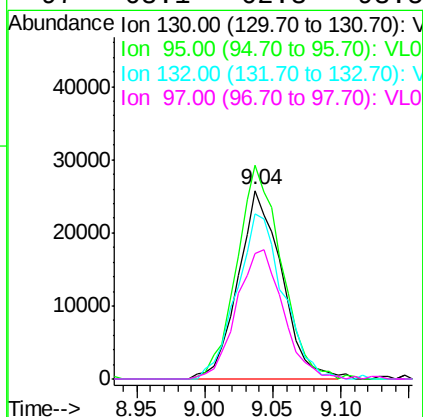
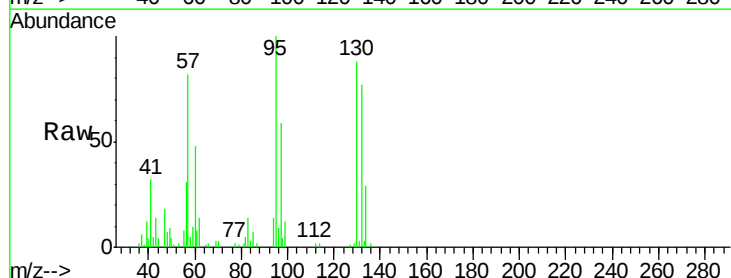
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

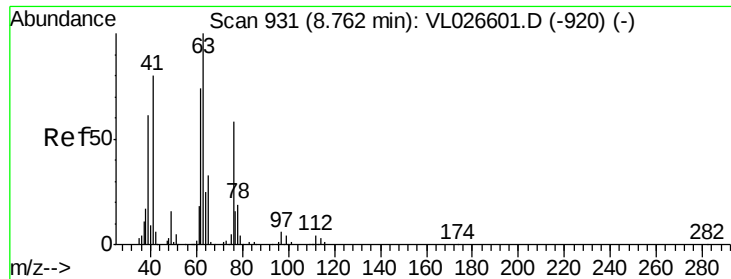
Tot Ion: 62 Resp: 93921
 Ion Ratio Lower Upper
 62 100
 98 6.9 4.8 7.2



#38
 Trichloroethene
 Concen: 0.57 ppbv
 RT: 9.04 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion: 130 Resp: 57618
 Ion Ratio Lower Upper
 130 100
 95 115.9 96.6 145.0
 132 89.4 76.2 114.4
 97 68.1 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.51 ppbv

RT: 8.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

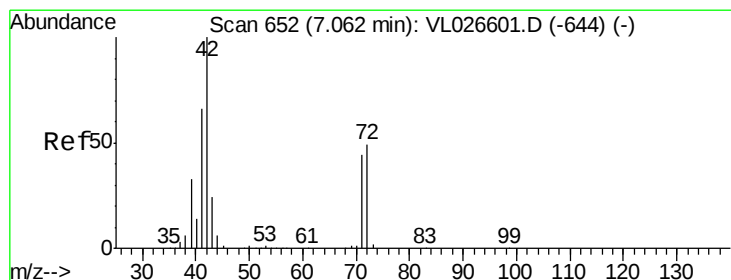
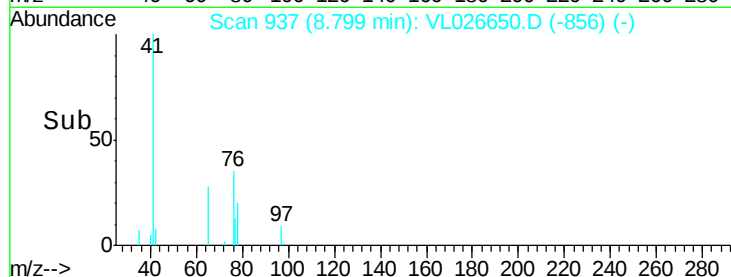
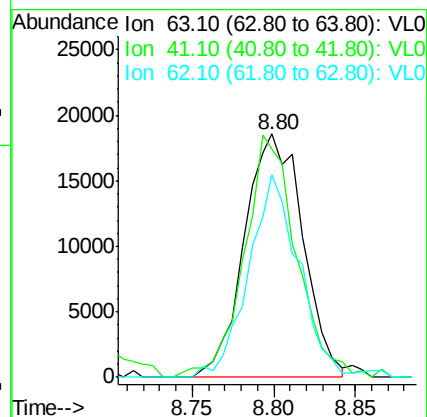
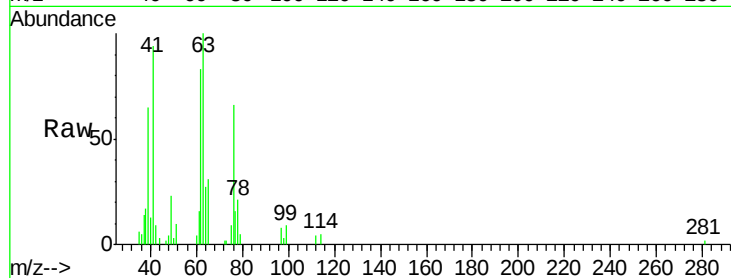
Tot Ion: 63 Resp: 45919

Ion Ratio Lower Upper

63 100

41 90.2 64.1 96.1

62 83.5 56.6 84.8



#41

Tetrahydrofuran

Concen: 0.40 ppbv

RT: 7.14 min Scan# 665

Delta R.T. 0.04 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

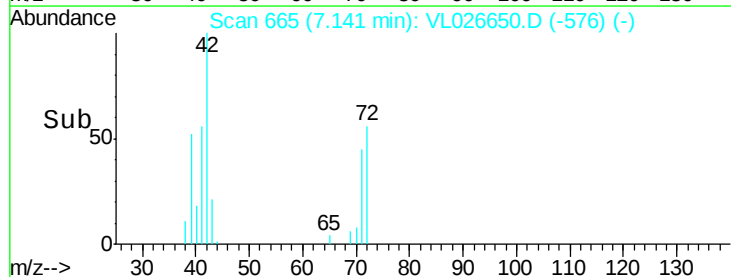
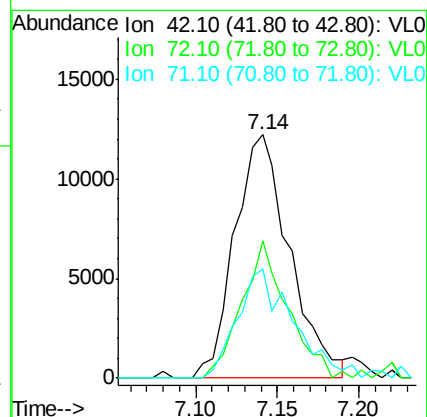
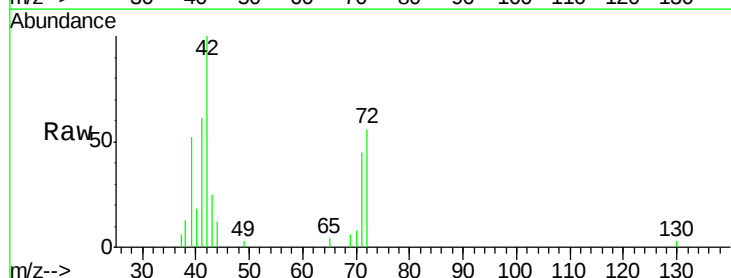
Tgt Ion: 42 Resp: 28607

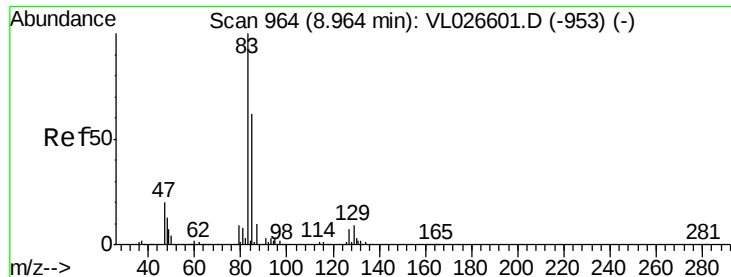
Ion Ratio Lower Upper

42 100

72 49.4 40.6 60.8

71 46.8 38.4 57.6





#42

Bromodichloromethane

Concen: 0.49 ppbv

RT: 9.00 min Scan# 970

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

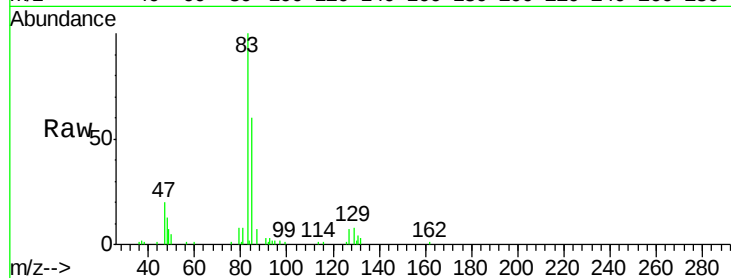
Tot Ion: 83 Resp: 114124

Ion Ratio Lower Upper

83 100

85 59.6 50.9 76.3

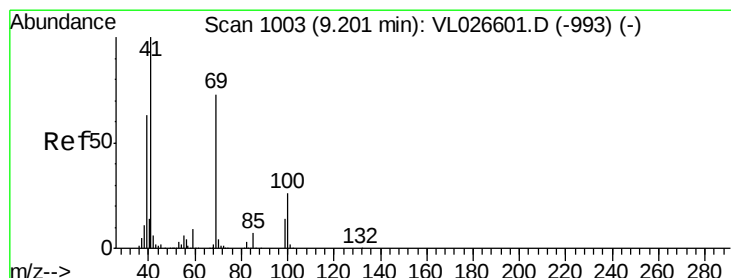
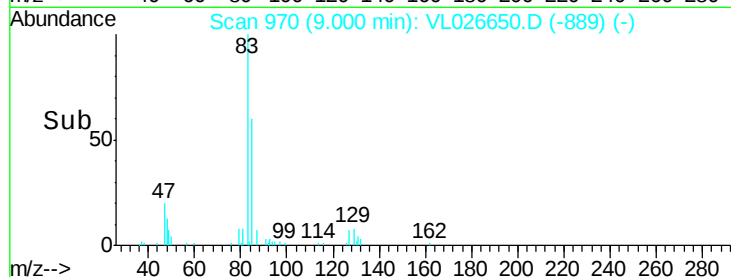
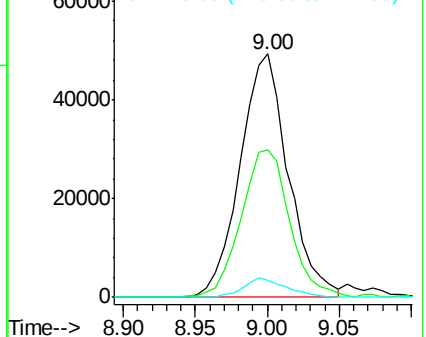
127 6.8 5.5 8.3



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): VL0



#43

Methyl Methacrylate

Concen: 0.41 ppbv

RT: 9.26 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

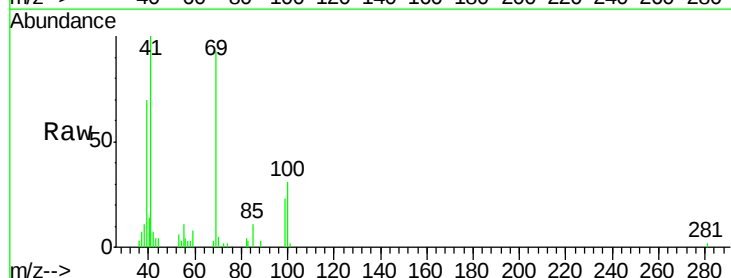
Tgt Ion: 69 Resp: 41814

Ion Ratio Lower Upper

69 100

41 125.2 106.1 159.1

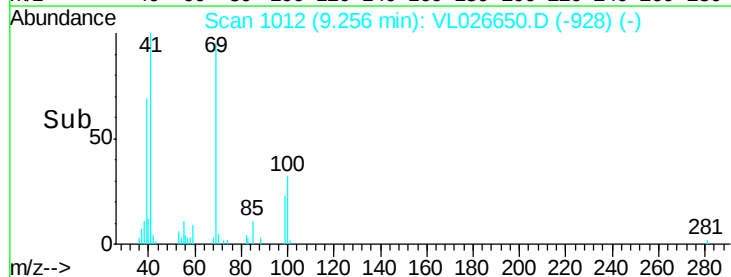
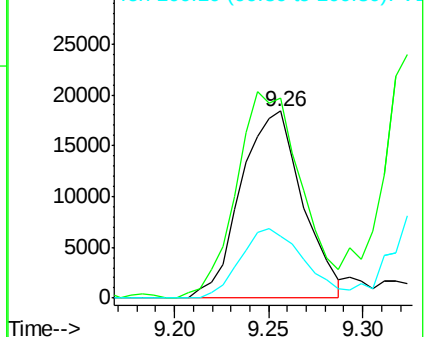
100 39.9 29.0 43.4

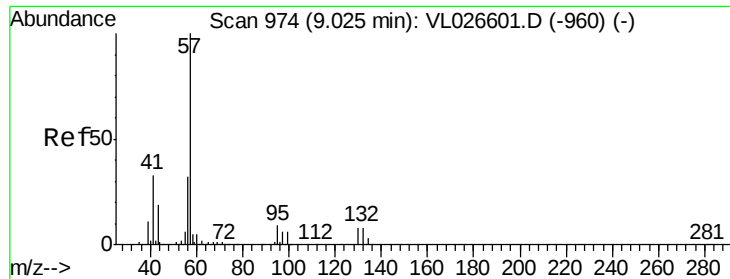


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

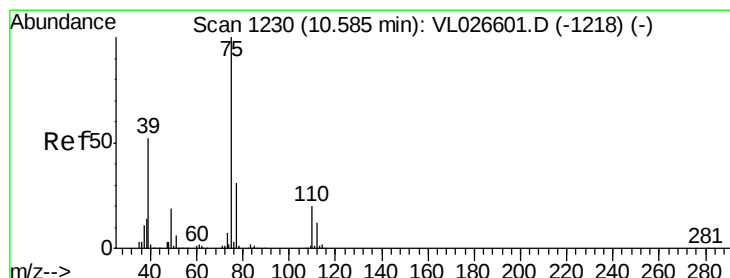
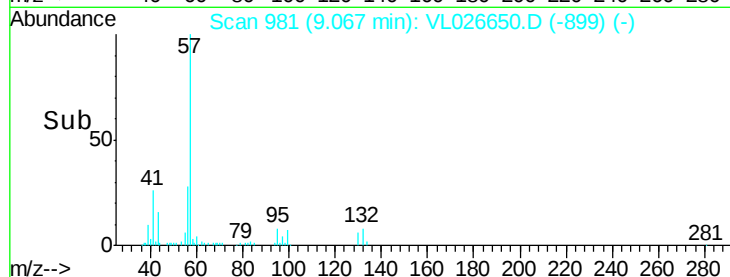
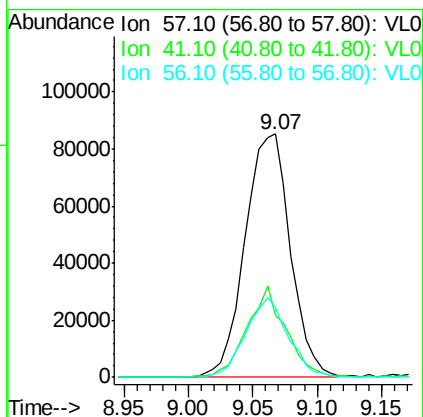
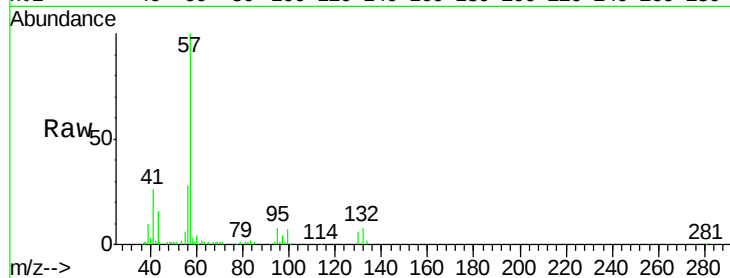




#44
 2,2,4-Trimethylpentane
 Concen: 0.51 ppbv
 RT: 9.07 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

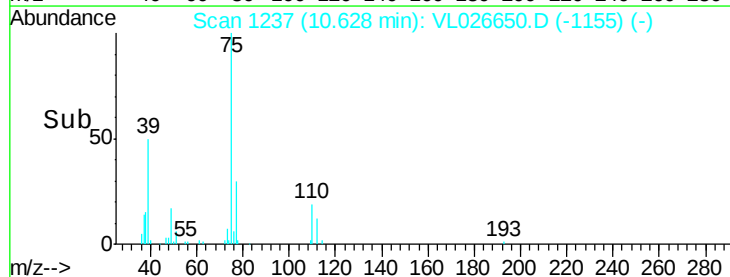
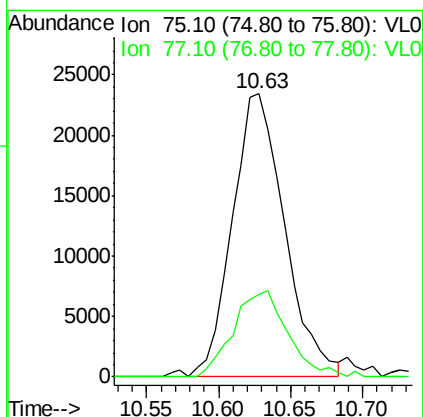
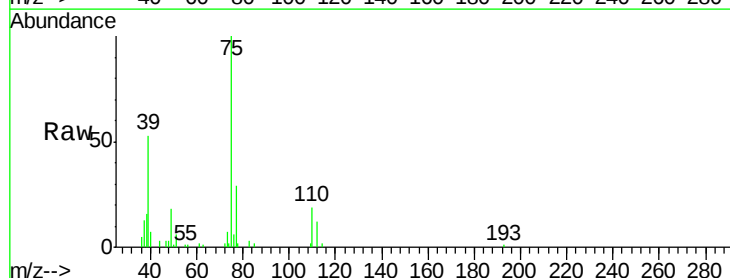
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

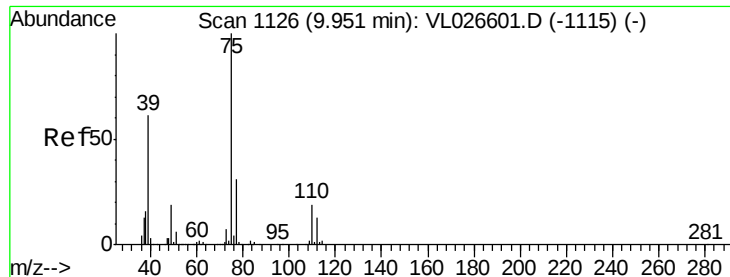
Tot Ion: 57 Resp: 207883
 Ion Ratio Lower Upper
 57 100
 41 32.7 26.9 40.3
 56 30.6 25.4 38.0



#45
 t-1,3-Dichloropropene
 Concen: 0.33 ppbv
 RT: 10.63 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion: 75 Resp: 59130
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.6 37.0

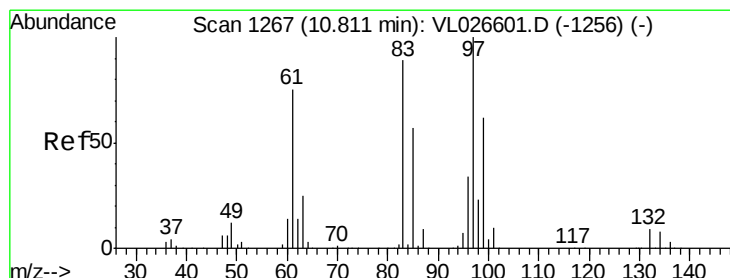
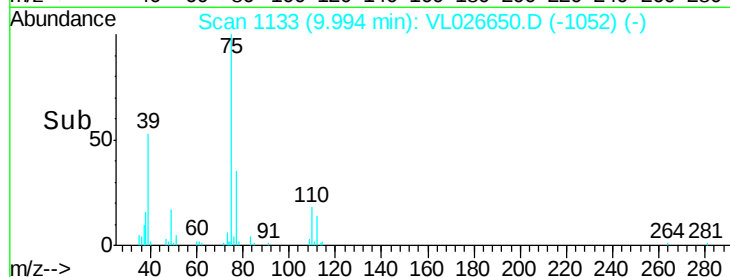
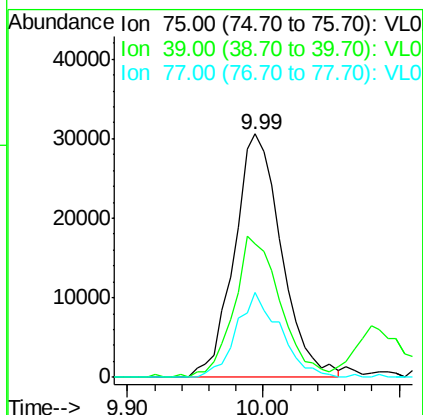
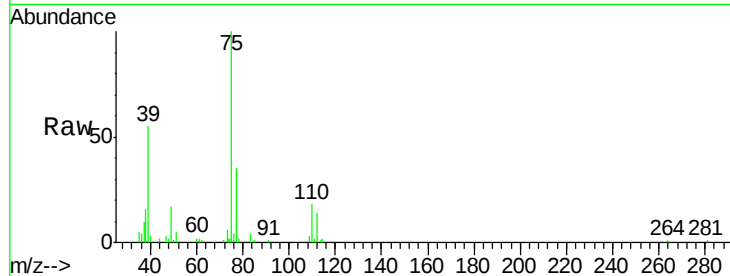




#46
 cis-1,3-Dichloropropene
 Concen: 0.39 ppbv
 RT: 9.99 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

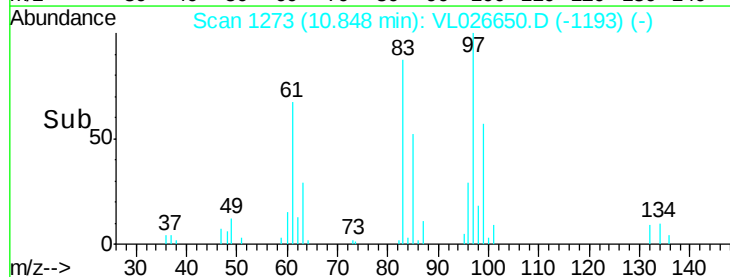
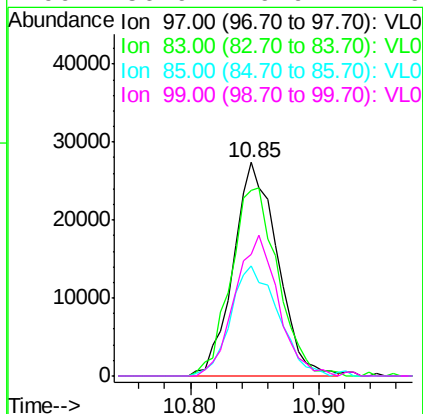
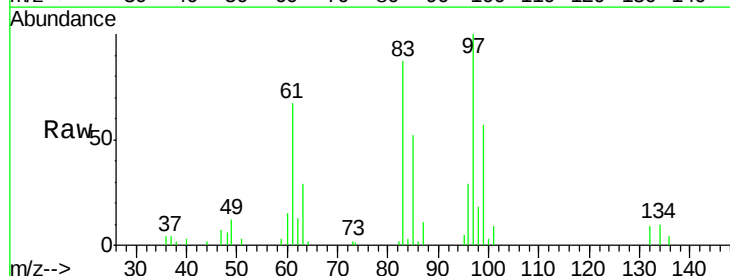
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

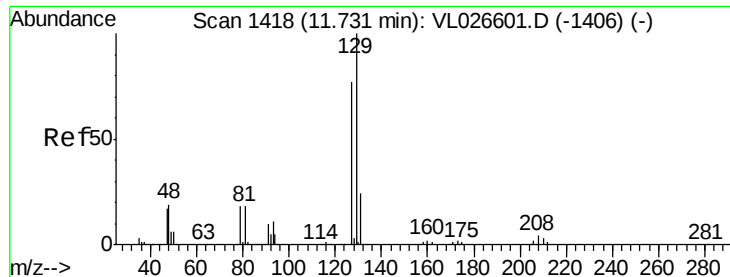
Tot Ion: 75 Resp: 74062
 Ion Ratio Lower Upper
 75 100
 39 54.8 51.2 76.8
 77 34.8 25.9 38.9



#47
 1,1,2-Trichloroethane
 Concen: 0.52 ppbv
 RT: 10.85 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion: 97 Resp: 65286
 Ion Ratio Lower Upper
 97 100
 83 87.1 69.5 104.3
 85 51.7 46.4 69.6
 99 56.9 49.9 74.9

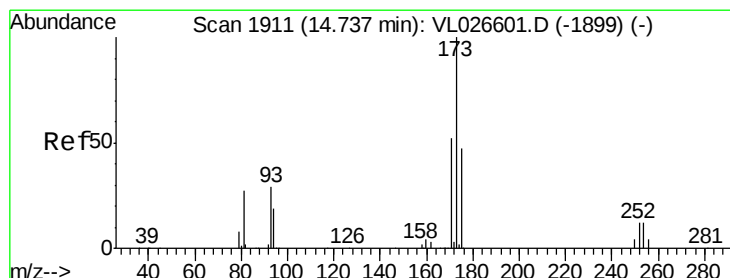
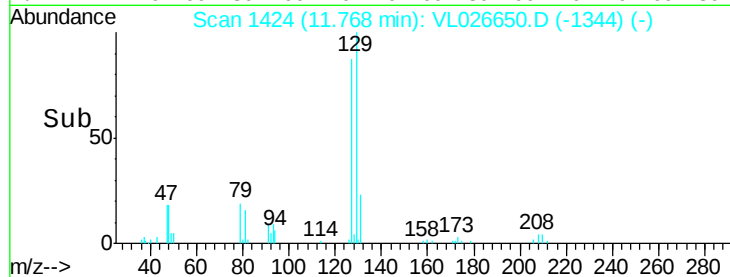
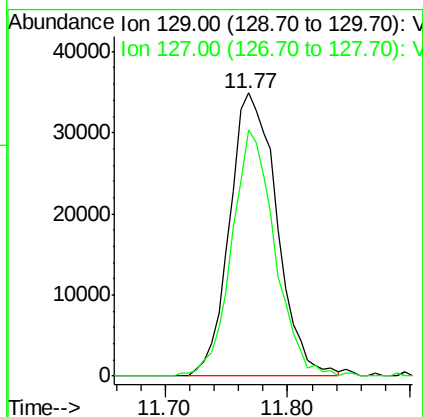
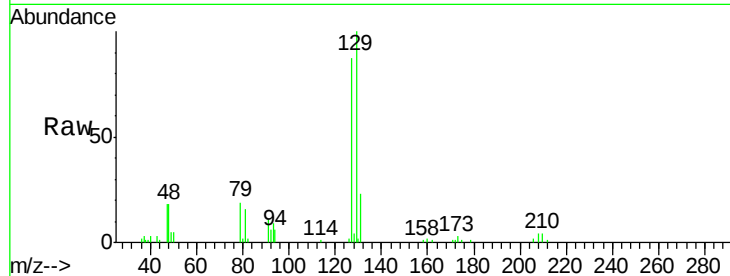




#48
 Dibromochloromethane
 Concen: 0.47 ppbv
 RT: 11.77 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

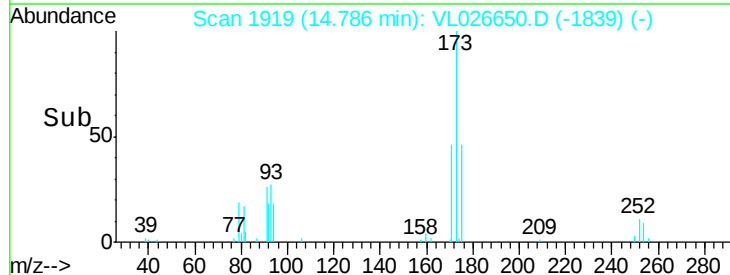
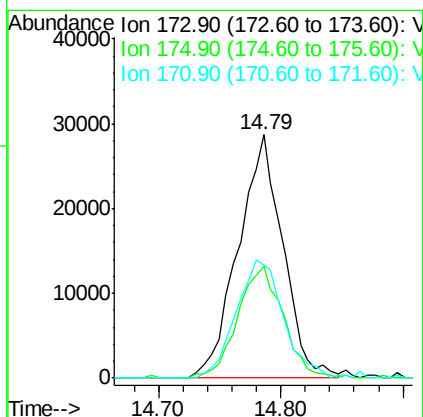
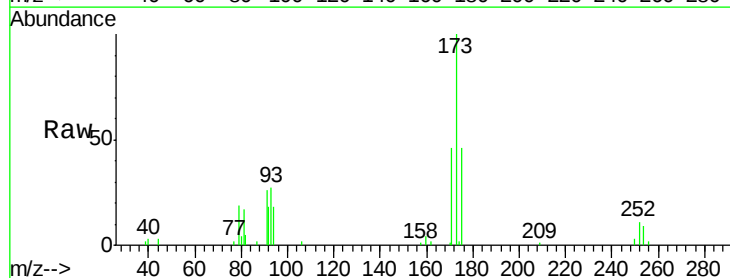
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

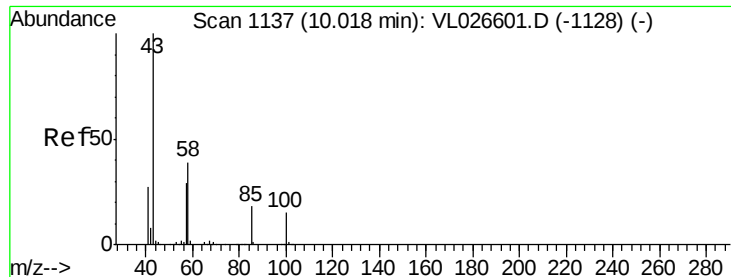
Tot Ion:129 Resp: 93612
 Ion Ratio Lower Upper
 129 100
 127 79.1 39.5 118.5



#49
 Bromoform
 Concen: 0.44 ppbv
 RT: 14.79 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion:173 Resp: 72781
 Ion Ratio Lower Upper
 173 100
 175 46.8 38.6 57.8
 171 51.9 41.5 62.3

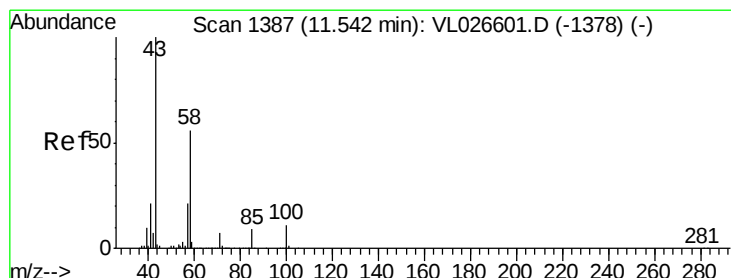
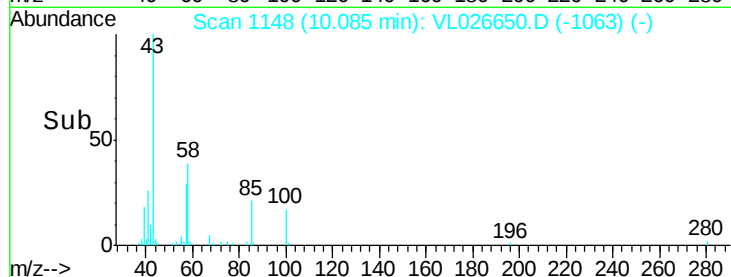
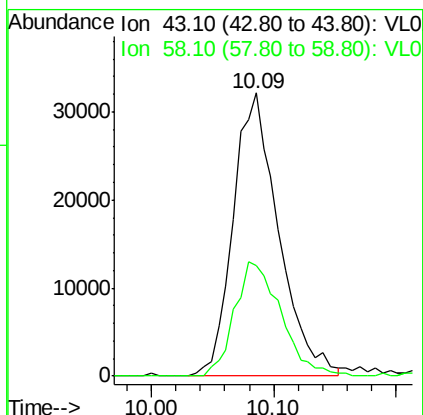
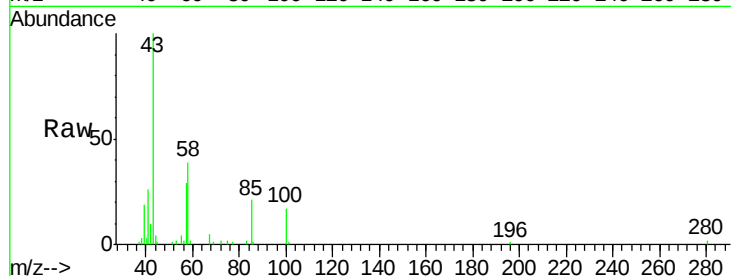




#50
4-Methyl-2-Pentanone
Concen: 0.41 ppbv
RT: 10.09 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

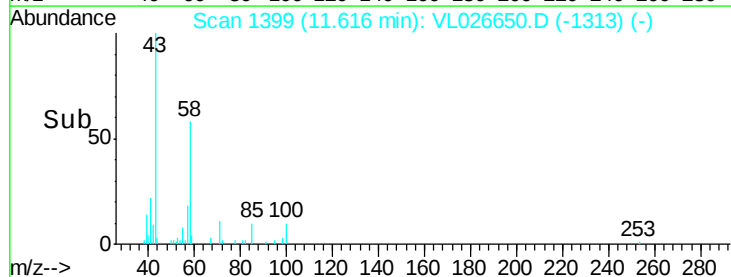
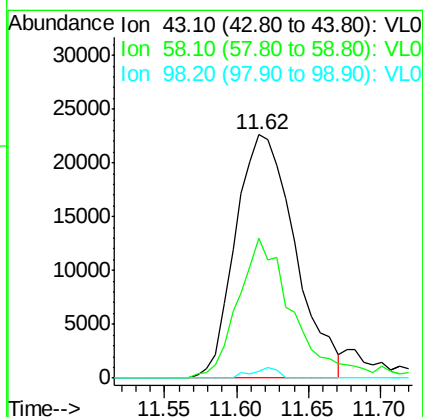
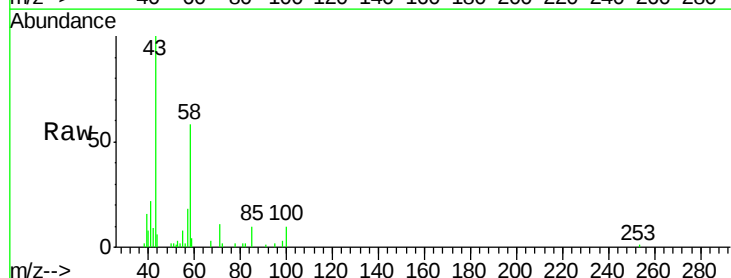
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

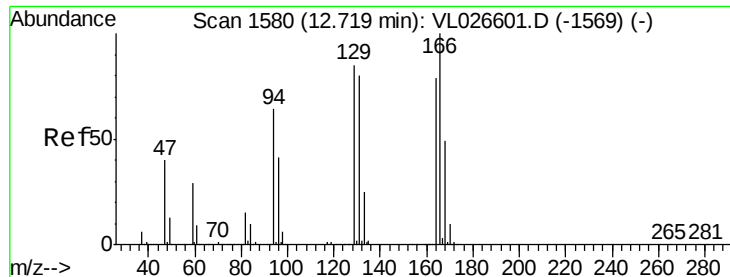
Tot Ion: 43 Resp: 82815
Ion Ratio Lower Upper
43 100
58 41.3 32.4 48.6



#51
2-Hexanone
Concen: 0.33 ppbv
RT: 11.62 min Scan# 1399
Delta R.T. 0.02 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion: 43 Resp: 65062
Ion Ratio Lower Upper
43 100
58 54.5 44.9 67.3
98 1.9 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.58 ppbv

RT: 12.76 min Scan# 1587

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tot Ion:164 Resp: 65951

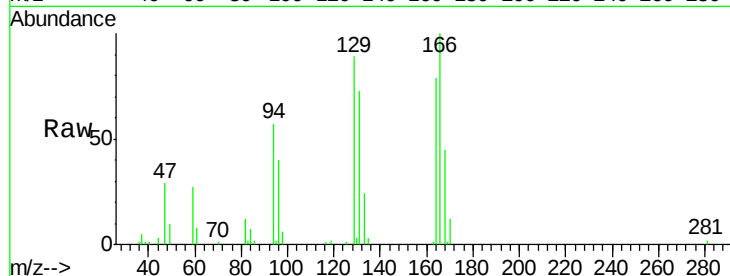
Ion Ratio Lower Upper

164 100

166 125.9 102.5 153.7

129 111.5 87.0 130.6

131 91.3 82.5 123.7

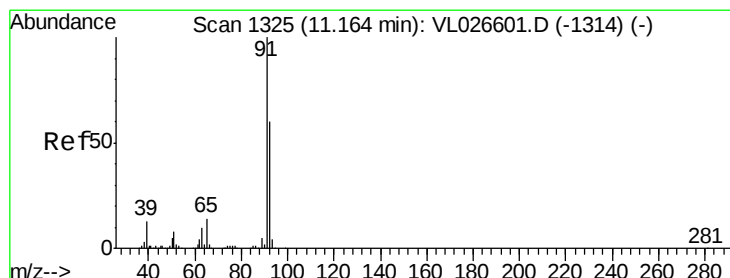
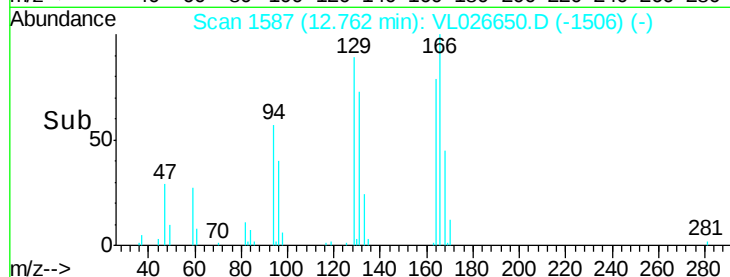
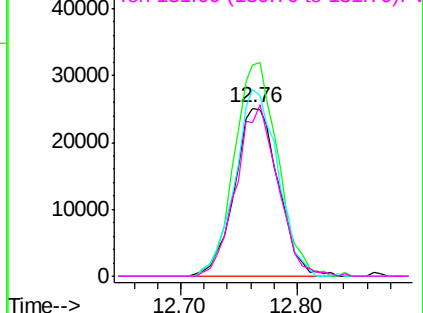


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.45 ppbv

RT: 11.21 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VL026650.D

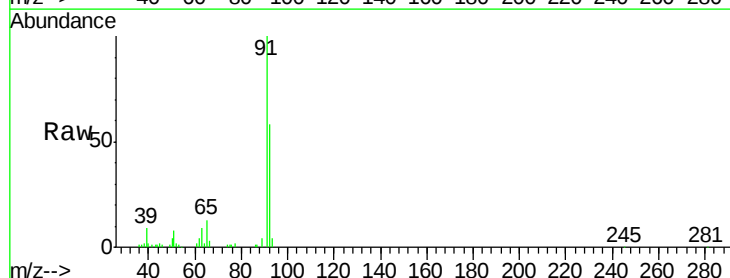
Acq: 8 Jan 2016 17:22

Tgt Ion: 91 Resp: 168018

Ion Ratio Lower Upper

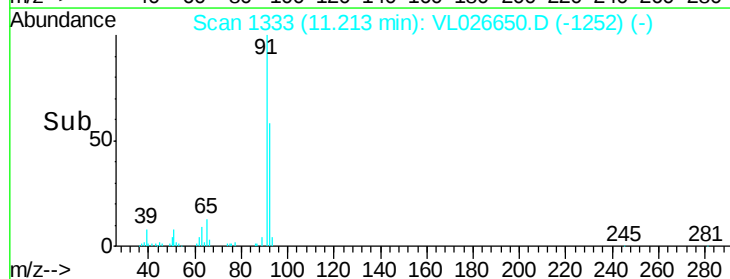
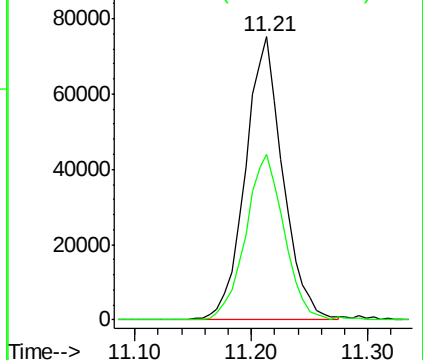
91 100

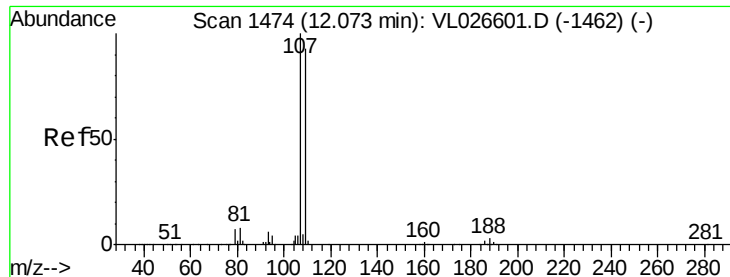
92 60.0 48.2 72.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#54

1,2-Dibromoethane

Concen: 0.53 ppbv

RT: 12.11 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

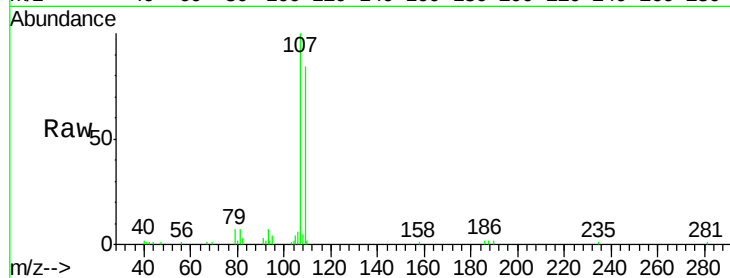
VSTDIC0.5

Tot Ion:107 Resp: 105247

Ion Ratio Lower Upper

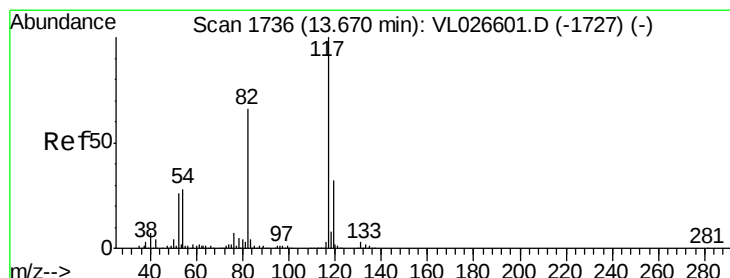
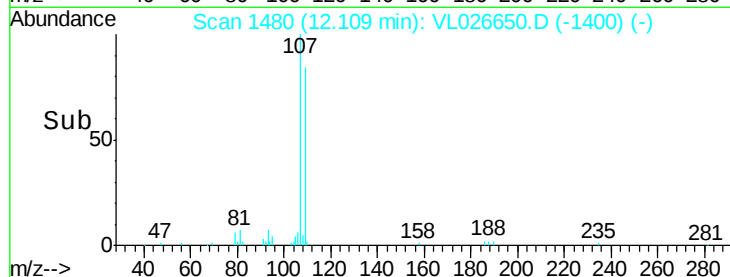
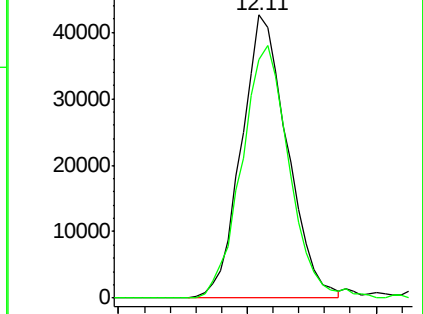
107 100

109 84.2 74.1 111.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.72 min Scan# 1744

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

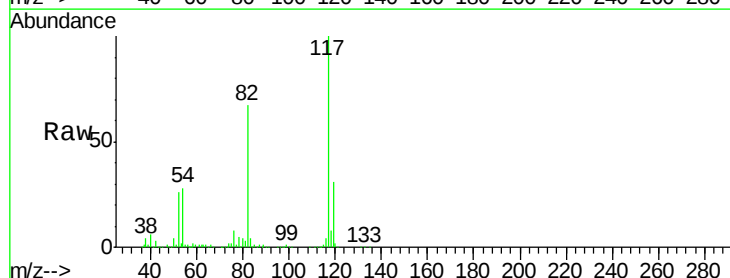
Tgt Ion:117 Resp: 3276884

Ion Ratio Lower Upper

117 100

82 65.6 52.4 78.6

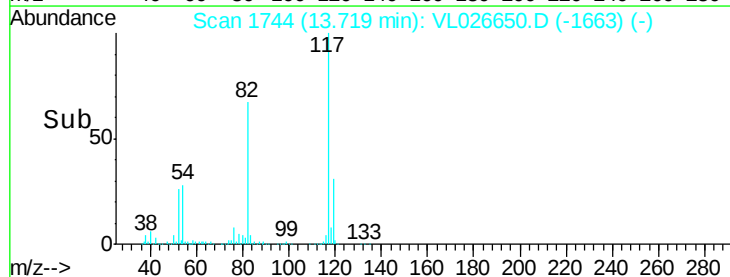
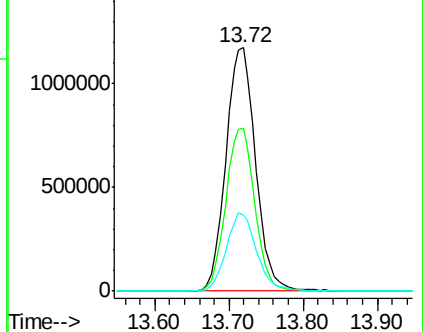
119 32.8 46.1 69.1#

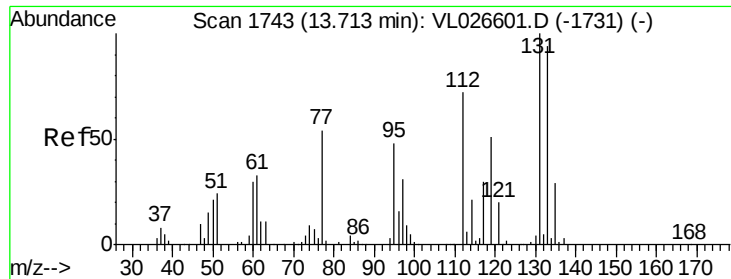


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#56

1,1,1,2-Tetrachloroethane

Concen: 0.56 ppbv

RT: 13.76 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

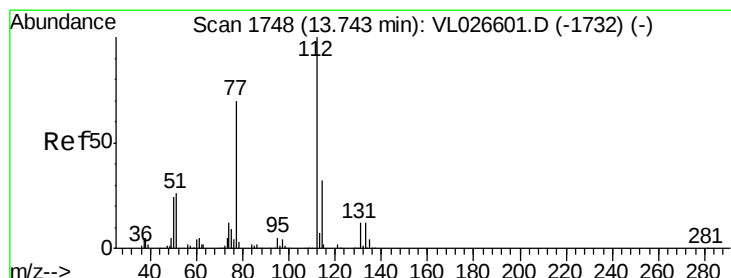
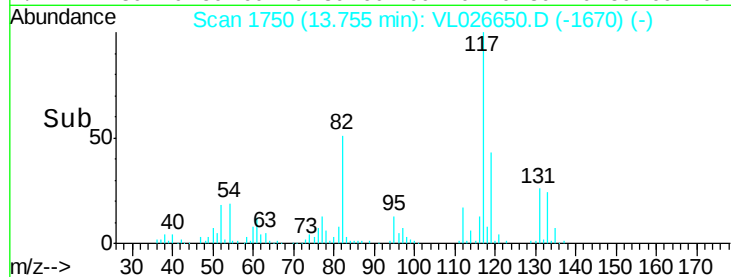
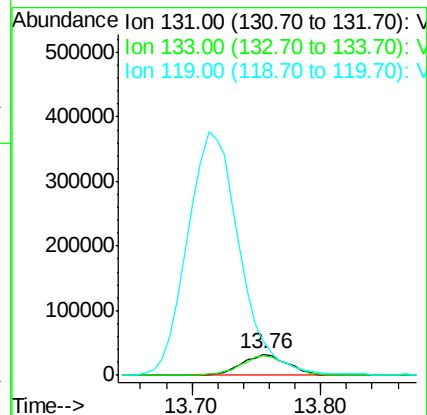
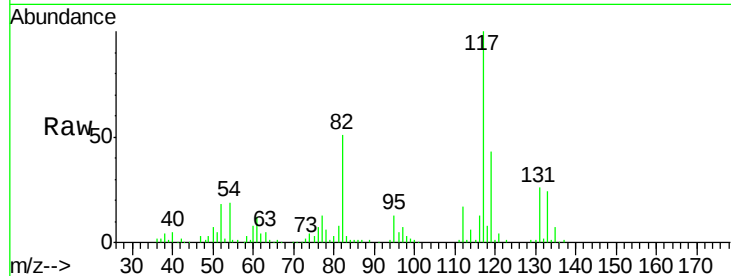
Tot Ion:131 Resp: 81263

Ion Ratio Lower Upper

131 100

133 94.5 76.2 114.4

119 1322.2 104.3 156.5#



#57

Chlorobenzene

Concen: 0.63 ppbv

RT: 13.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

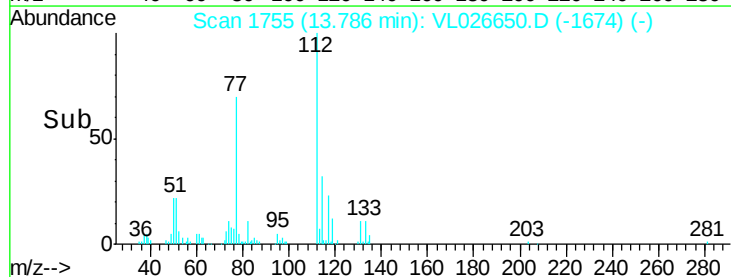
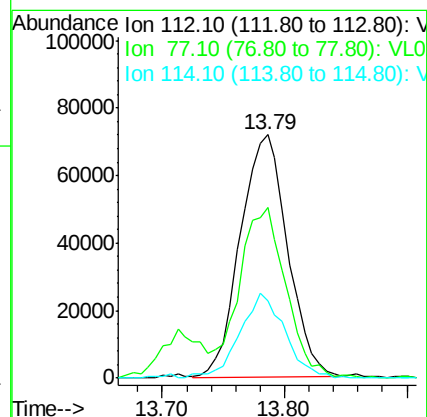
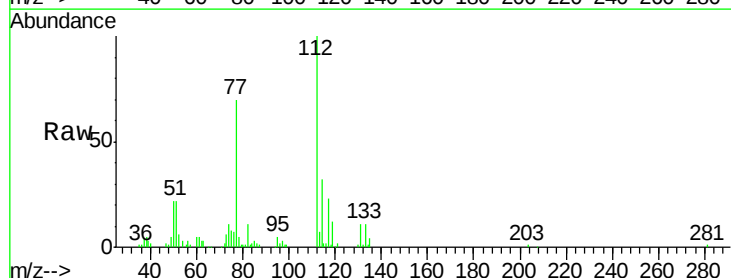
Tgt Ion:112 Resp: 192819

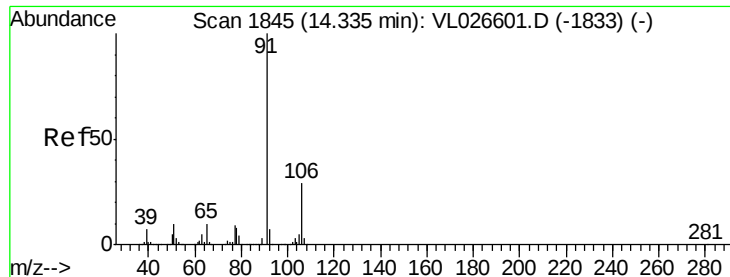
Ion Ratio Lower Upper

112 100

77 69.6 56.9 85.3

114 31.6 28.8 35.2





#58

Ethyl Benzene

Concen: 0.47 ppbv

RT: 14.38 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

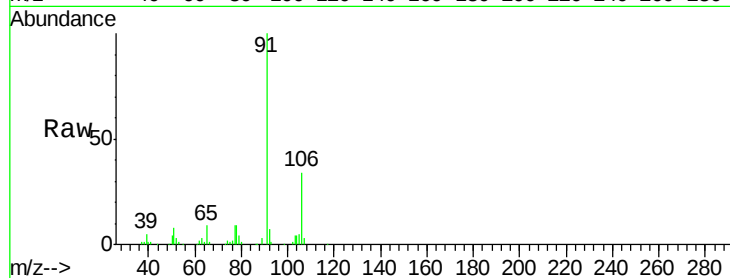
VSTDIC0.5

Tot Ion: 91 Resp: 275312

Ion Ratio Lower Upper

91 100

106 34.1 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

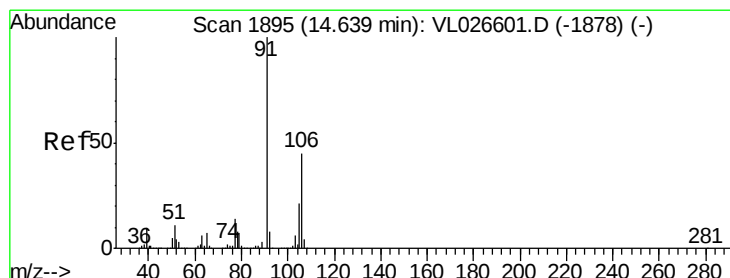
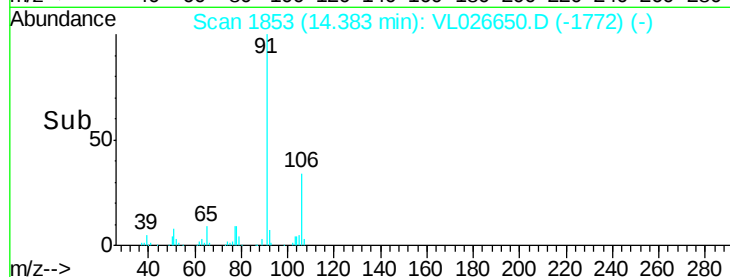
14.38

100000

50000

0

Time-->



#59

m/p-Xylene

Concen: 1.11 ppbv

RT: 14.69 min Scan# 1903

Delta R.T. -0.01 min

Lab File: VL026650.D

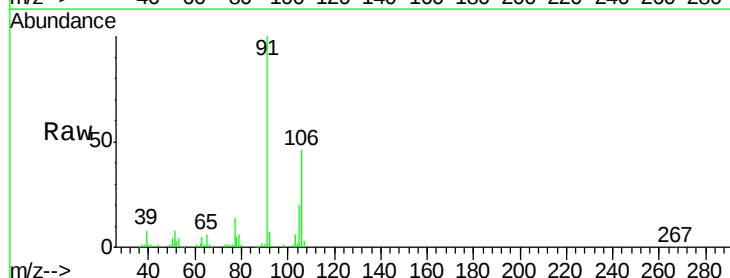
Acq: 8 Jan 2016 17:22

Tgt Ion: 91 Resp: 503922

Ion Ratio Lower Upper

91 100

106 48.5 36.6 55.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

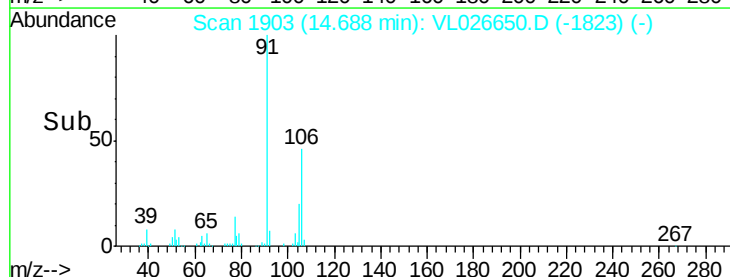
14.69

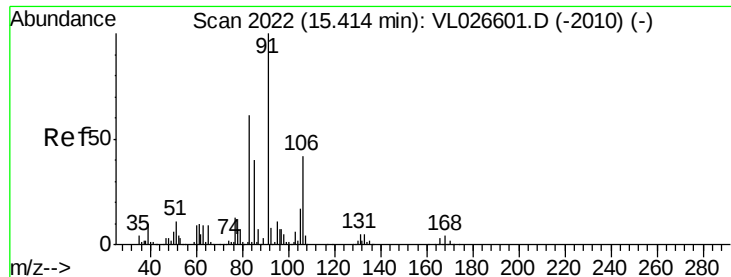
100000

50000

0

Time-->





#60

o-Xylene

Concen: 0.62 ppbv

RT: 15.46 min Scan# 2030

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

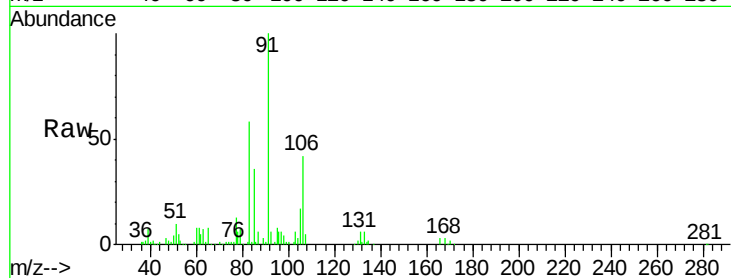
VSTDIC0.5

Tot Ion: 91 Resp: 290629

Ion Ratio Lower Upper

91 100

106 45.1 21.4 64.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

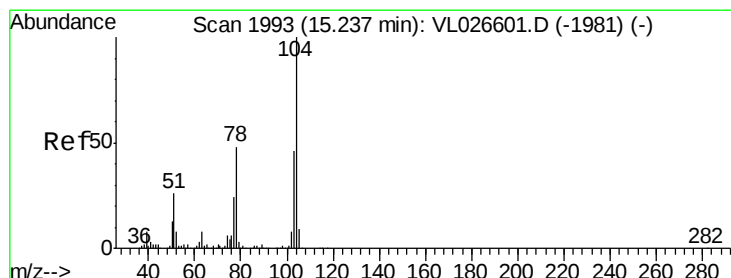
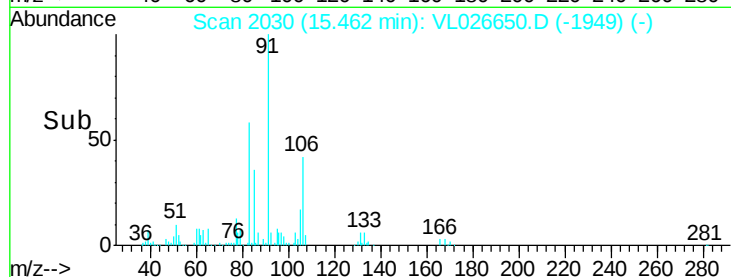
15.46

100000

50000

0

Time-->



#61

Styrene

Concen: 0.36 ppbv

RT: 15.29 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

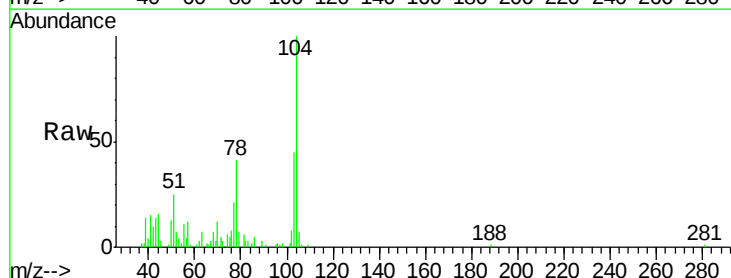
Tgt Ion: 104 Resp: 80915

Ion Ratio Lower Upper

104 100

78 50.4 39.5 59.3

103 49.8 37.8 56.6



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

15.29

40000

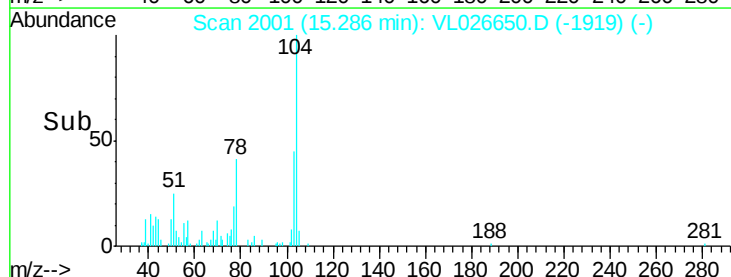
30000

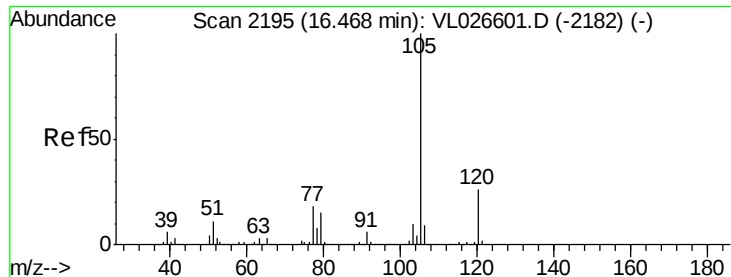
20000

10000

0

Time-->





#62

Isopropylbenzene

Concen: 0.55 ppbv

RT: 16.52 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

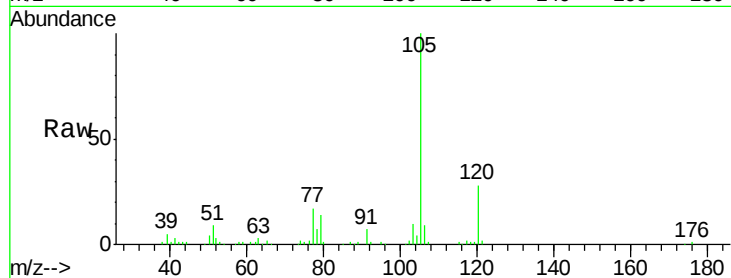
VSTDIC0.5

Tot Ion:105 Resp: 362357

Ion Ratio Lower Upper

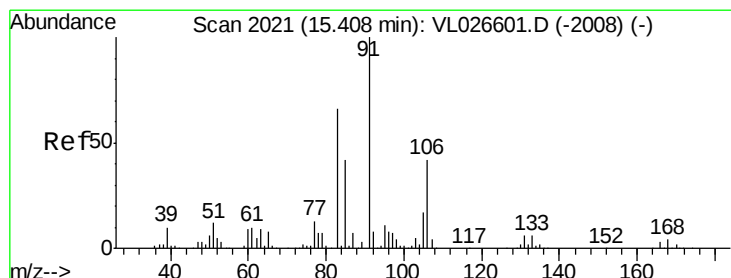
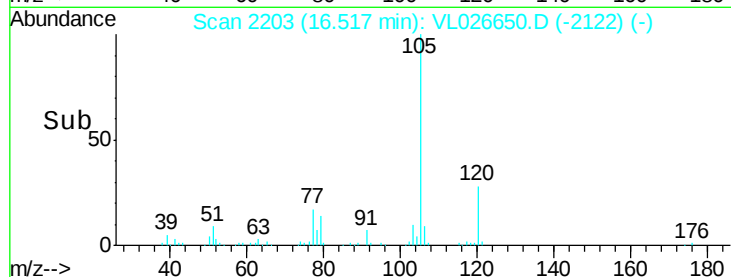
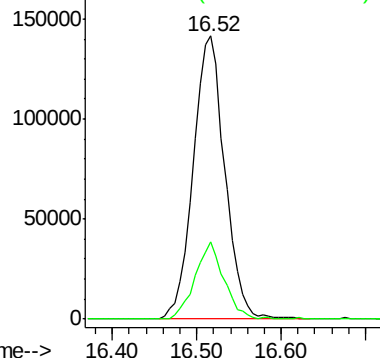
105 100

120 25.3 20.3 30.5



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: 0.71 ppbv

RT: 15.45 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

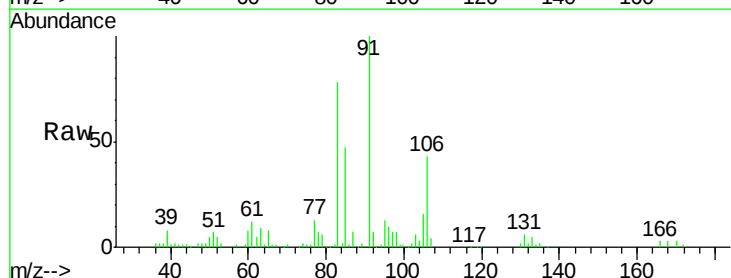
Tgt Ion: 83 Resp: 213147

Ion Ratio Lower Upper

83 100

131 8.7 4.5 13.4

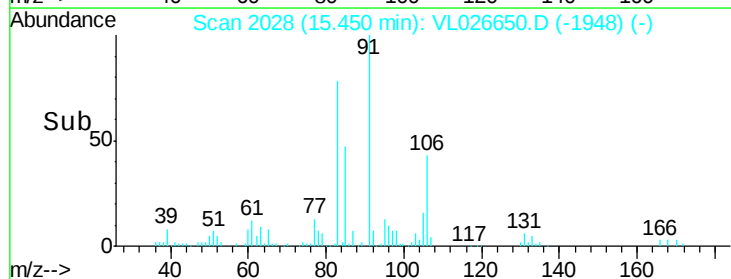
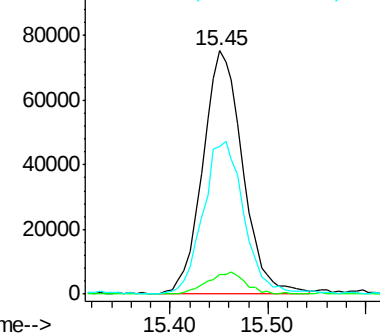
85 65.0 32.6 97.7

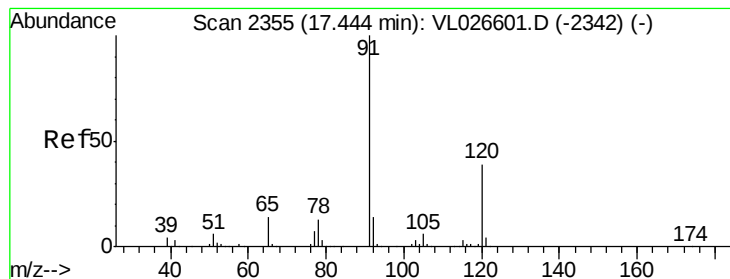


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.57 ppbv

RT: 17.49 min Scan# 2363

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

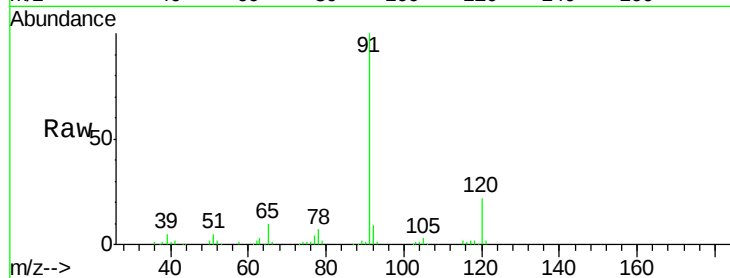
VSTDIC0.5

Tot Ion:120 Resp: 99177

Ion Ratio Lower Upper

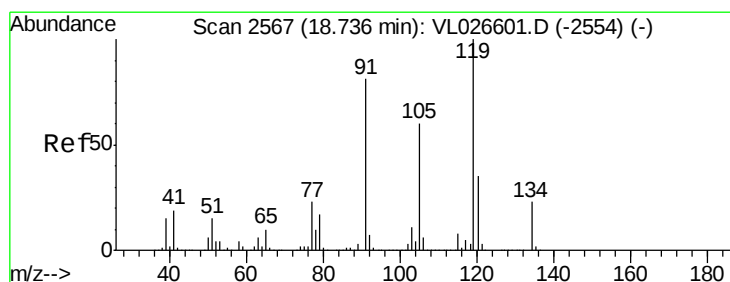
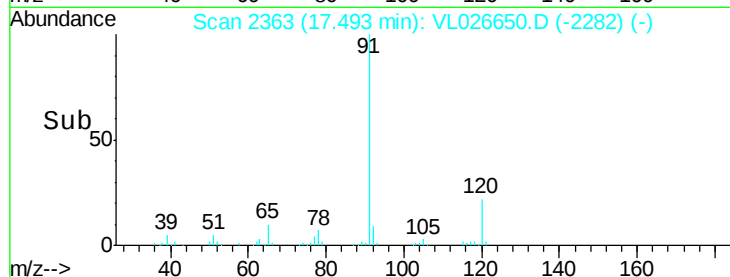
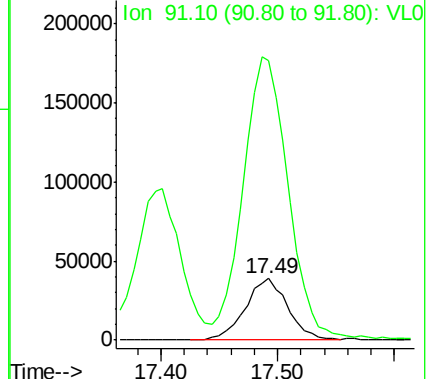
120 100

91 487.9 380.9 571.3



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.64 ppbv

RT: 18.78 min Scan# 2574

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

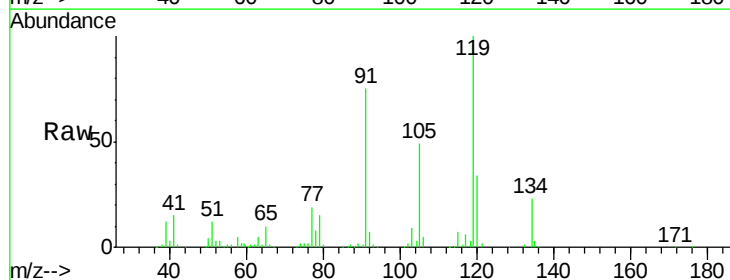
Tgt Ion:119 Resp: 346825

Ion Ratio Lower Upper

119 100

91 76.6 64.8 97.2

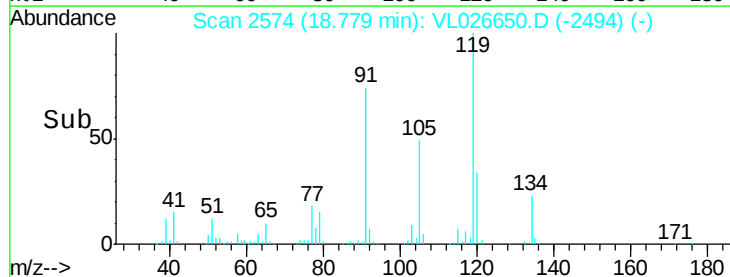
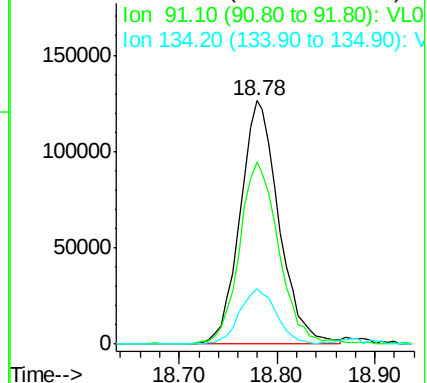
134 21.7 17.4 26.0

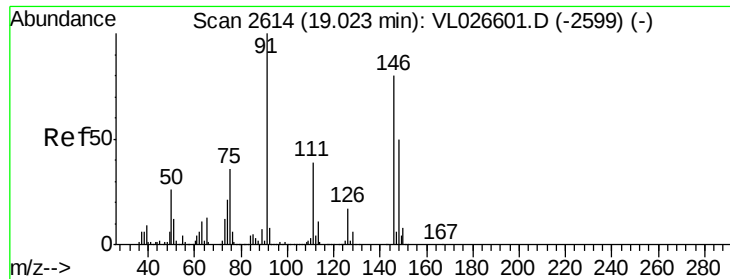


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

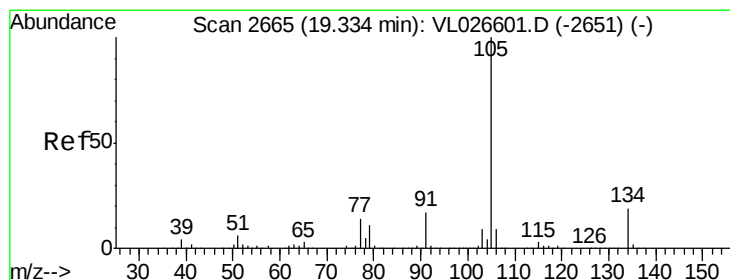
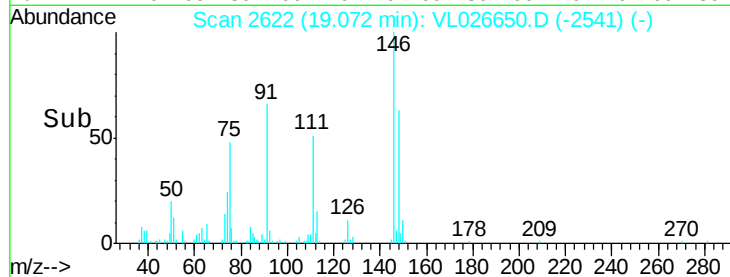
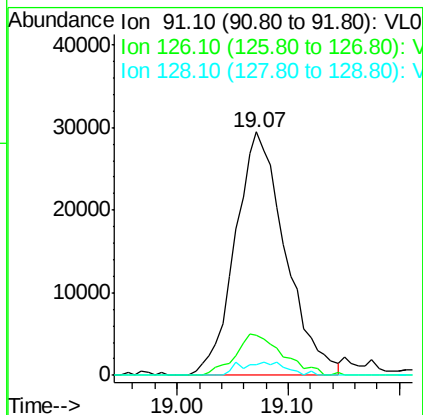
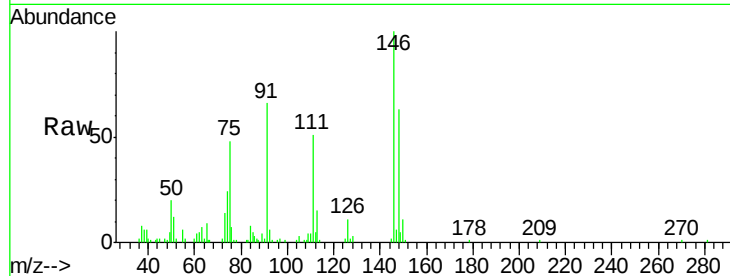




#66
Benzyl Chloride
Concen: 0.36 ppbv
RT: 19.07 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

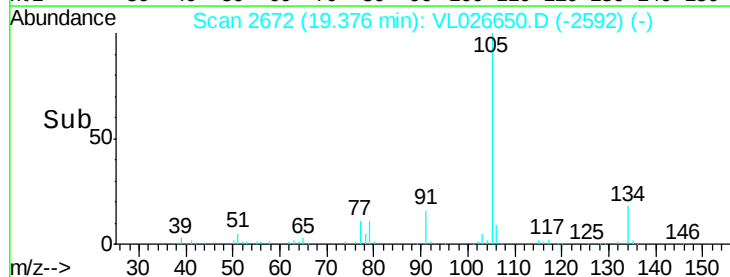
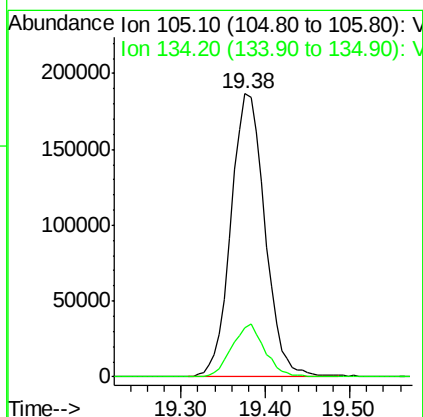
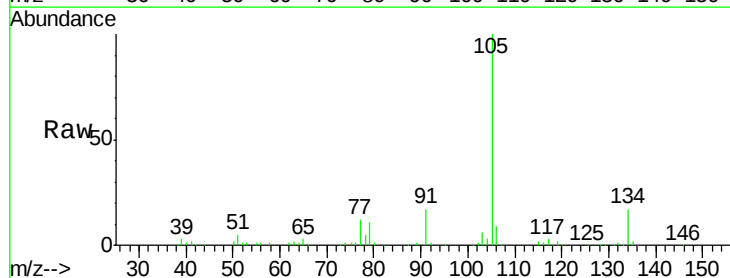
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

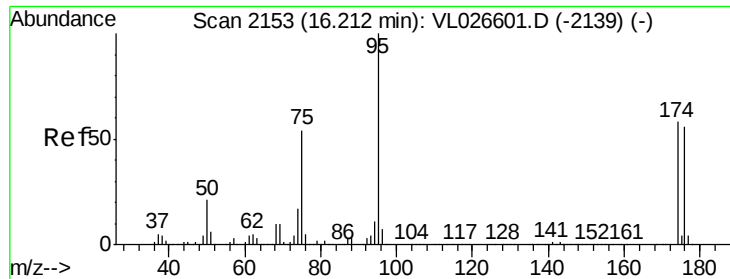
Tot Ion: 91 Resp: 92150
Ion Ratio Lower Upper
91 100
126 16.2 14.2 21.2
128 5.0 4.5 6.7



#67
sec-Butylbenzene
Concen: 0.60 ppbv
RT: 19.38 min Scan# 2672
Delta R.T. -0.01 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion: 105 Resp: 509652
Ion Ratio Lower Upper
105 100
134 18.0 14.9 22.3

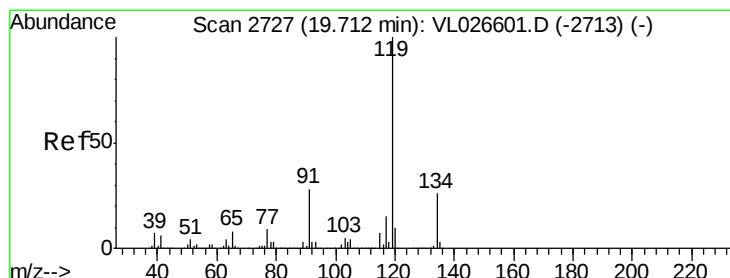
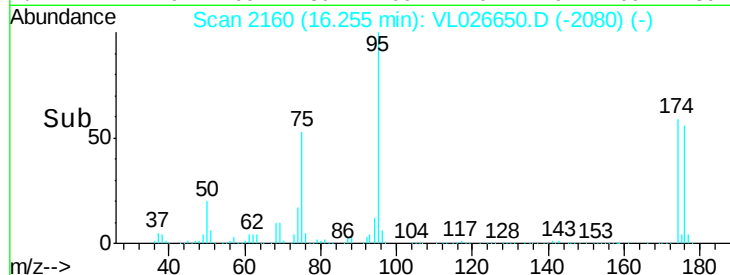
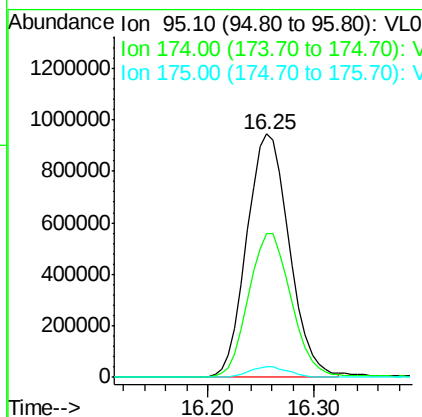
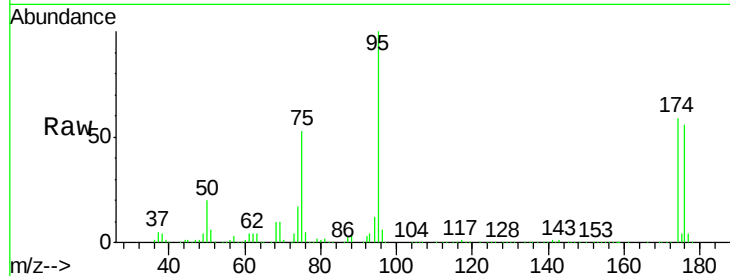




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.01 ppbv
 RT: 16.25 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

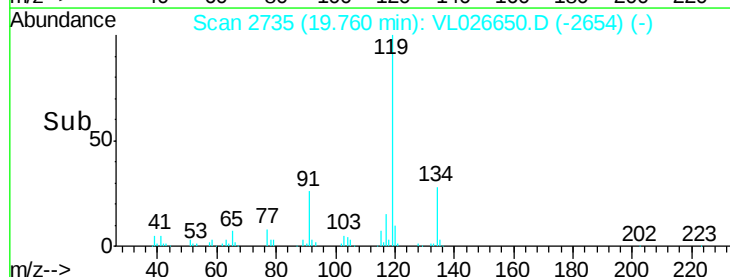
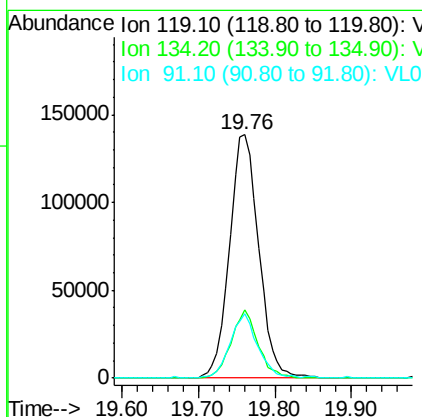
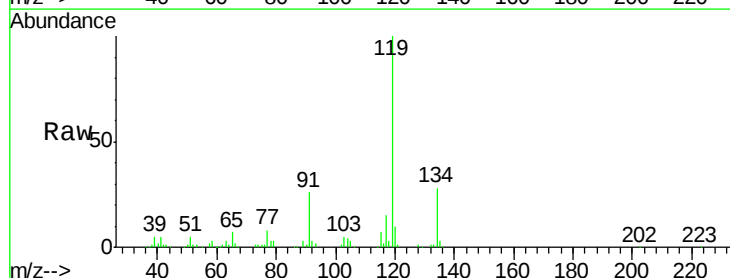
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

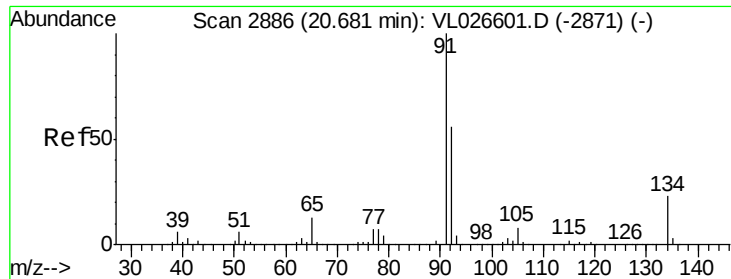
Tot Ion: 95 Resp: 2643267
 Ion Ratio Lower Upper
 95 100
 174 60.5 47.8 71.6
 175 4.3 3.5 5.3



#69
 p-Isopropyltoluene
 Concen: 0.55 ppbv
 RT: 19.76 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion: 119 Resp: 367437
 Ion Ratio Lower Upper
 119 100
 134 25.7 20.6 31.0
 91 25.4 21.8 32.6





#70

n-Butylbenzene

Concen: 0.52 ppbv

RT: 20.73 min Scan# 2894

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

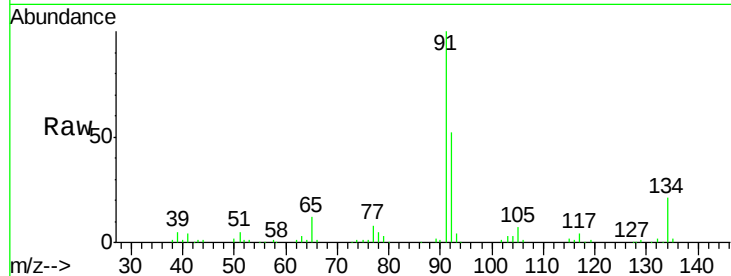
Tot Ion: 91 Resp: 362207

Ion Ratio Lower Upper

91 100

92 53.9 45.0 67.6

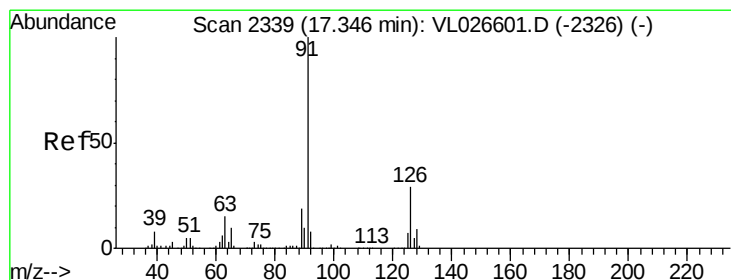
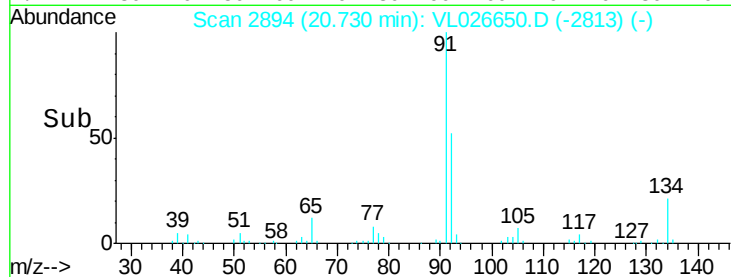
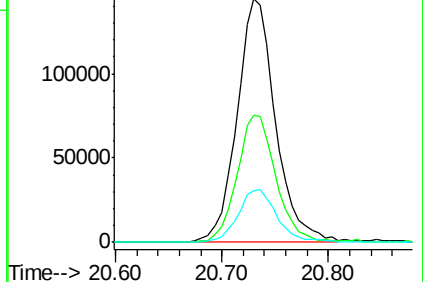
134 22.1 18.2 27.2



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): VL0



#71

2-Chlorotoluene

Concen: 0.48 ppbv

RT: 17.40 min Scan# 2348

Delta R.T. 0.00 min

Lab File: VL026650.D

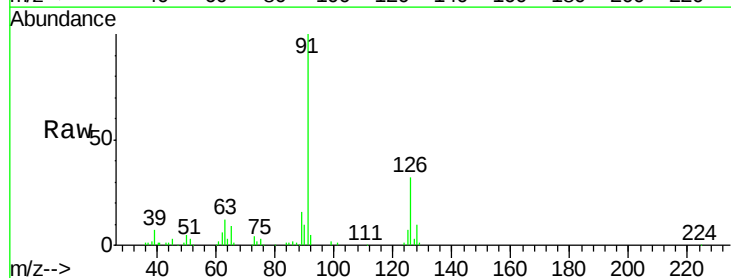
Acq: 8 Jan 2016 17:22

Tgt Ion: 91 Resp: 256122

Ion Ratio Lower Upper

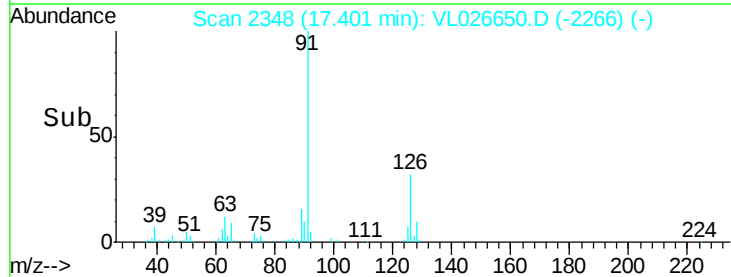
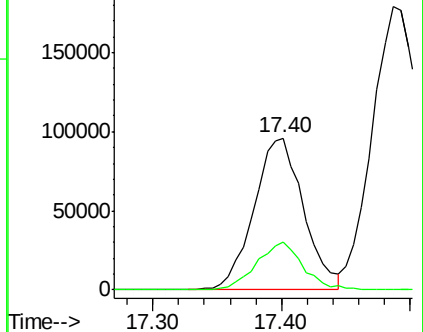
91 100

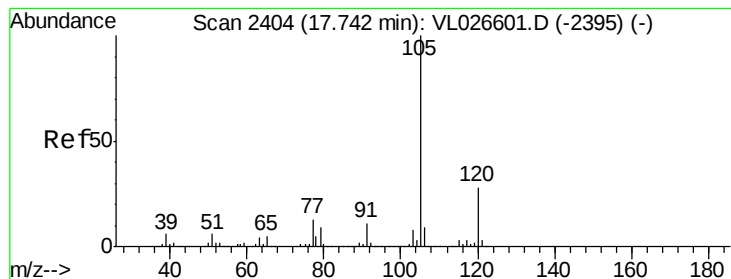
126 29.7 11.4 45.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): VL0

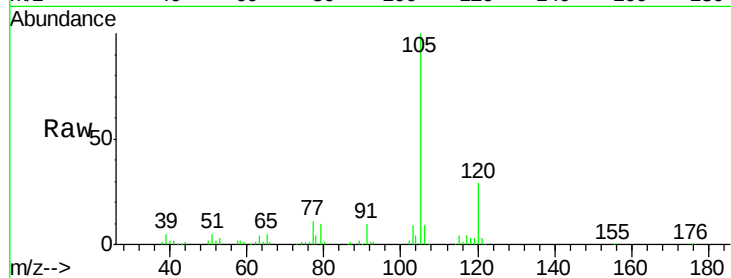




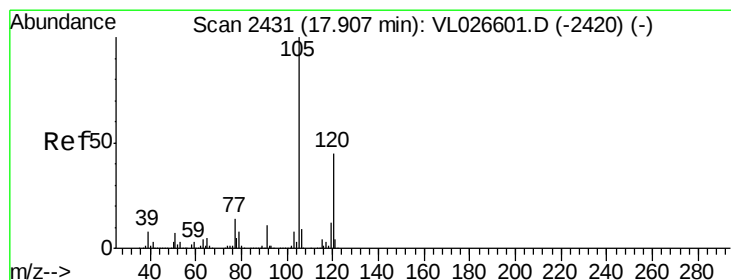
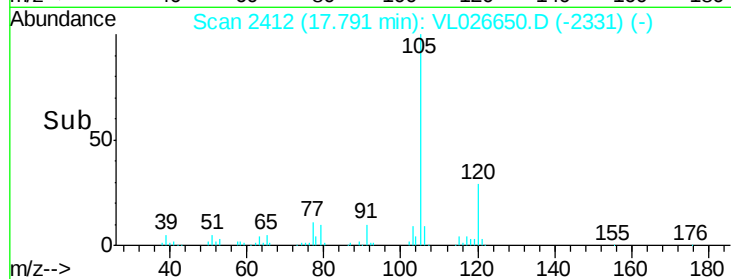
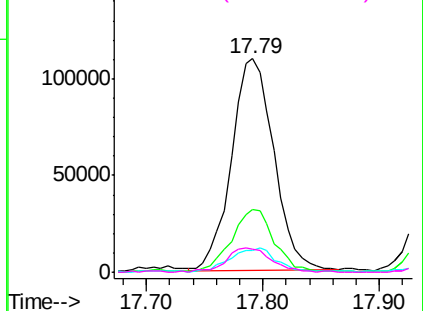
#72
 4-Ethyltoluene
 Concen: 0.49 ppbv
 RT: 17.79 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	105	Resp:	277575
Ion	Ratio	Lower	Upper
105	100		
120	31.4	23.8	35.6
91	11.7	9.5	14.3
77	12.6	10.3	15.5

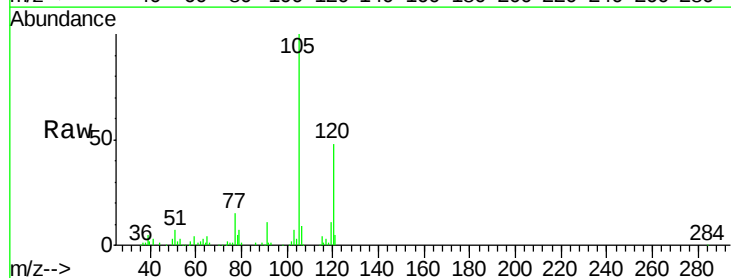


Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0

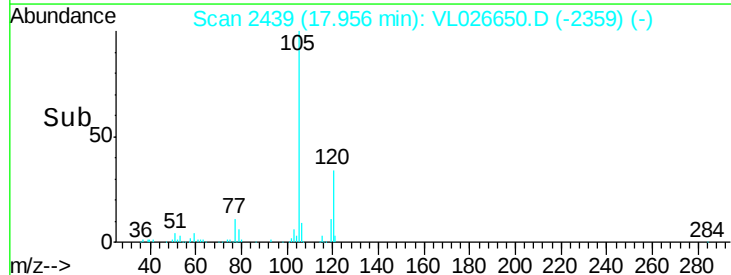
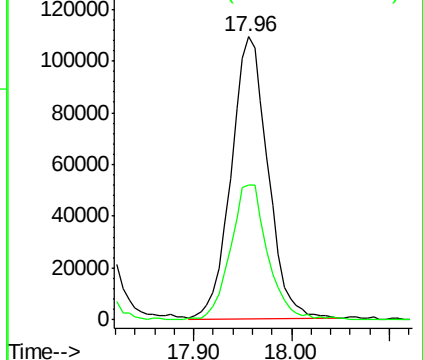


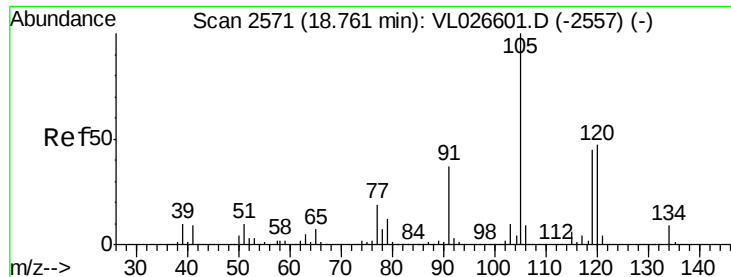
#73
 1,3,5-Trimethylbenzene
 Concen: 0.54 ppbv
 RT: 17.96 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion:	105	Resp:	282310
Ion	Ratio	Lower	Upper
105	100		
120	47.6	36.6	54.8



Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 120.20 (119.90 to 120.90): V

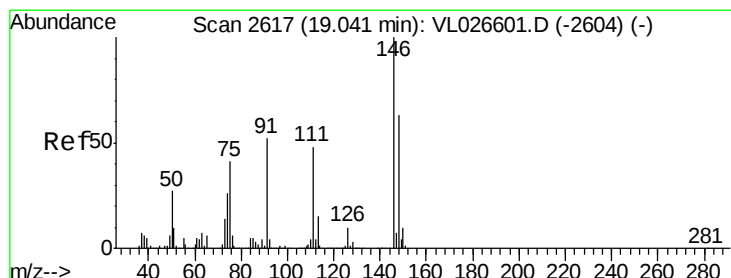
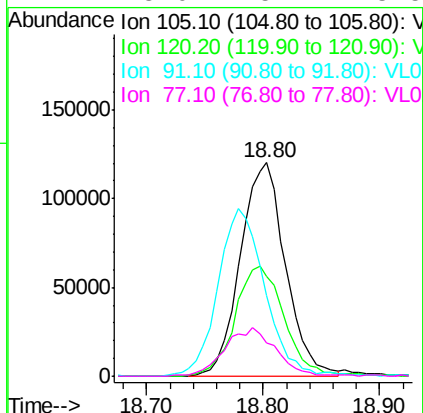
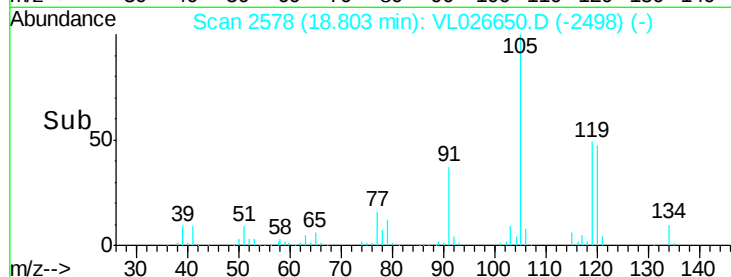
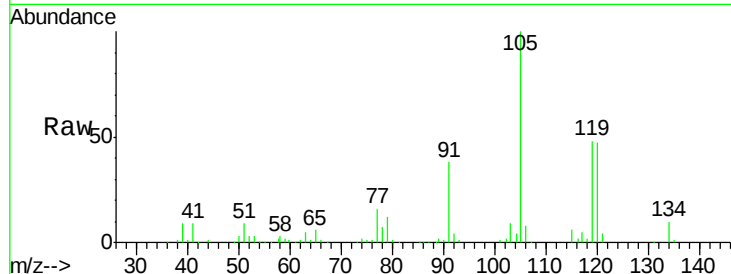




#74
 1,2,4-Trimethylbenzene
 Concen: 0.63 ppbv
 RT: 18.80 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

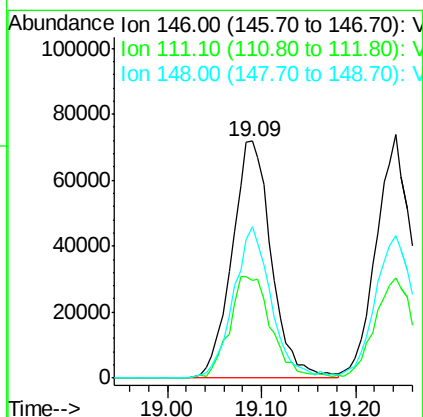
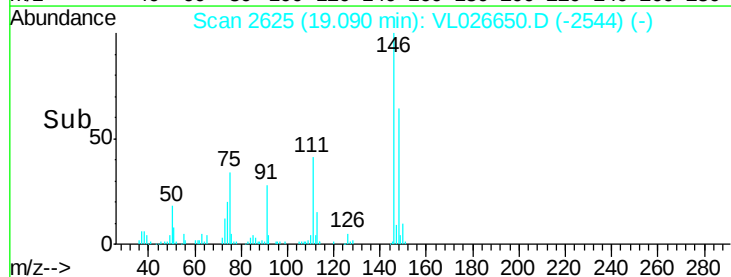
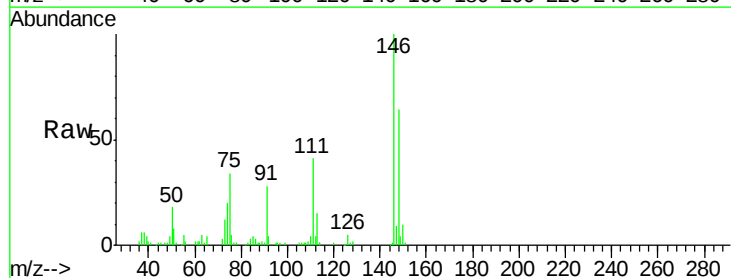
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

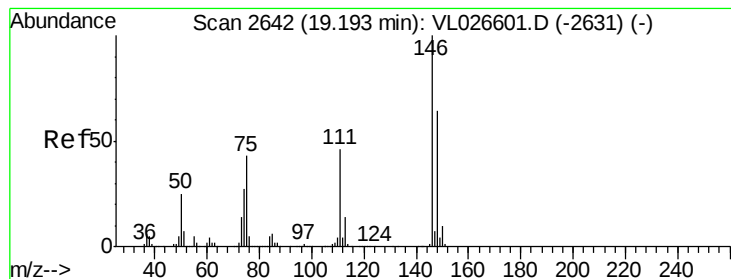
Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	36.6	55.0
91	36.7	32.5	48.7
77	15.0	15.7	23.5



#75
 1,3-Dichlorobenzene
 Concen: 0.66 ppbv
 RT: 19.09 min Scan# 2625
 Delta R.T. -0.01 min
 Lab File: VL026650.D
 Acq: 8 Jan 2016 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.9	68.5
148	60.4	31.6	95.0





#76

1,4-Dichlorobenzene

Concen: 0.62 ppbv

RT: 19.24 min Scan# 2650

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

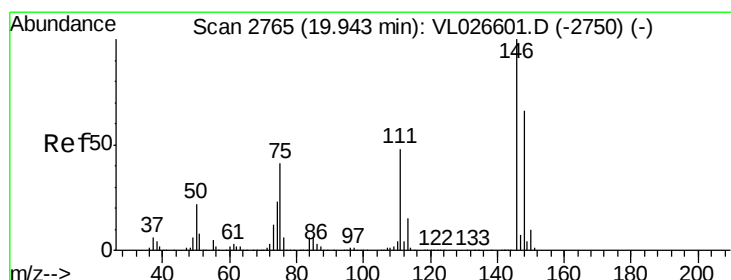
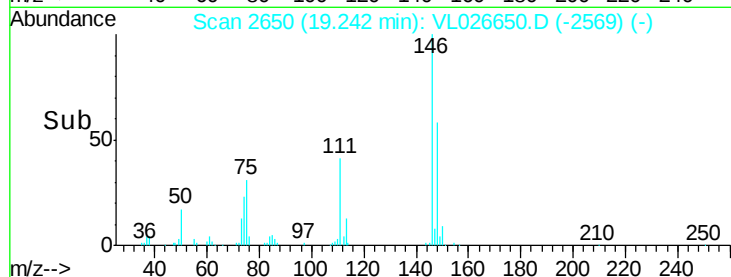
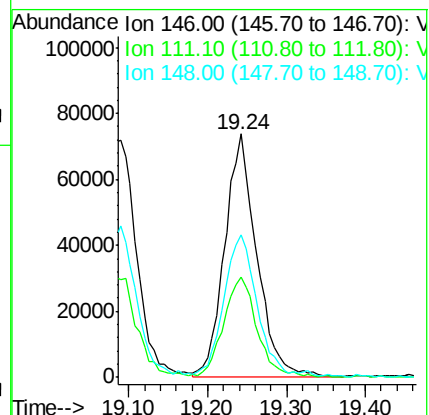
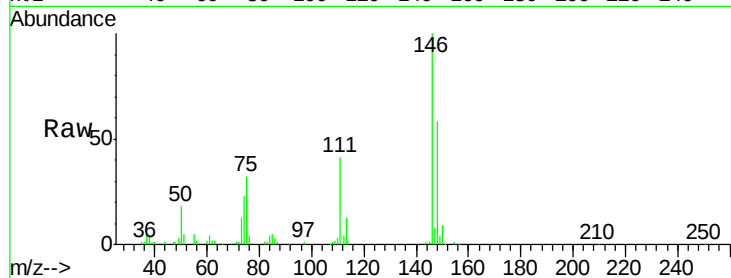
Tot Ion:146 Resp: 209460

Ion Ratio Lower Upper

146 100

111 43.1 22.3 66.8

148 61.8 31.9 95.9



#77

1,2-Dichlorobenzene

Concen: 0.61 ppbv

RT: 20.00 min Scan# 2774

Delta R.T. -0.01 min

Lab File: VL026650.D

Acq: 8 Jan 2016 17:22

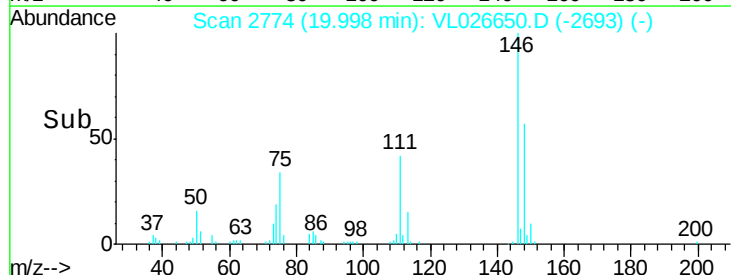
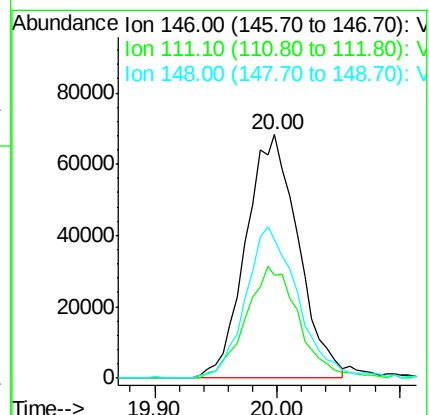
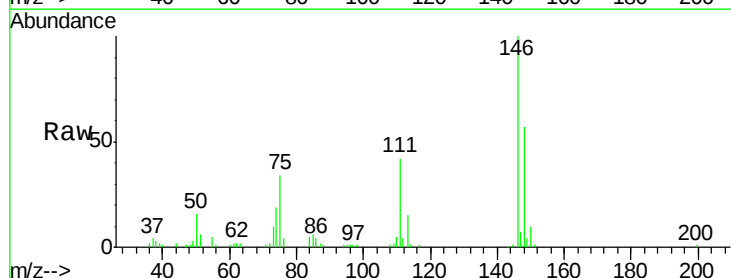
Tgt Ion:146 Resp: 203313

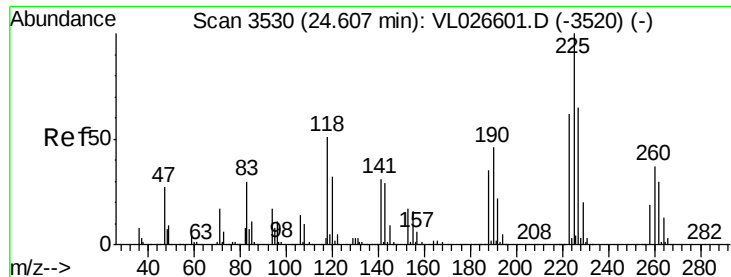
Ion Ratio Lower Upper

146 100

111 46.7 23.7 71.1

148 62.9 31.1 93.5

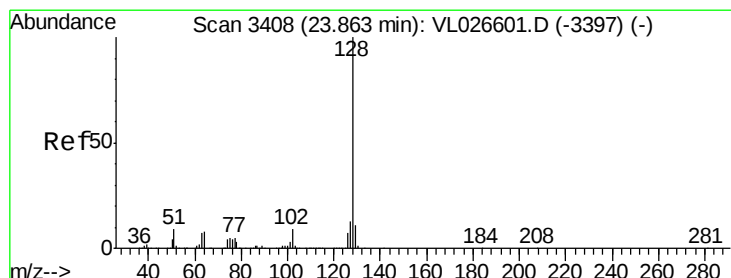
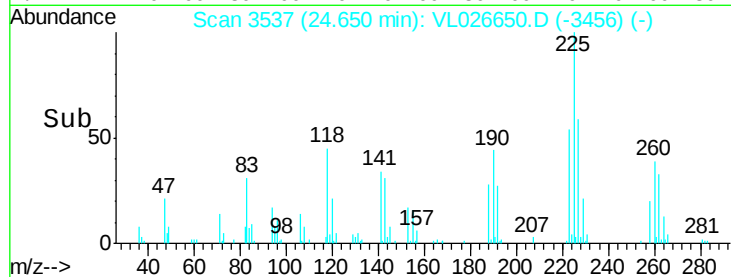
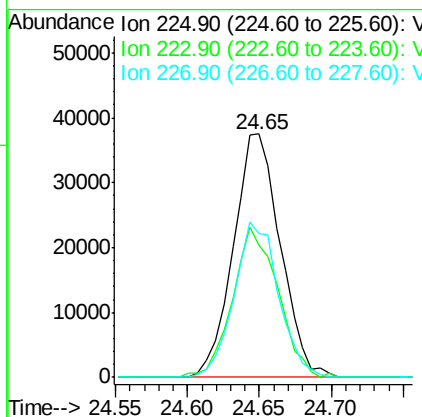
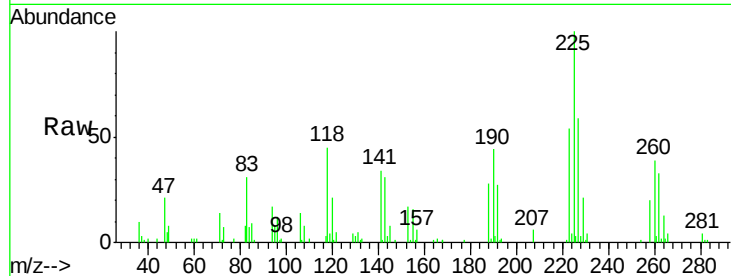




#78
Hexachloro-1,3-Butadiene
Concen: 0.64 ppbv
RT: 24.65 min Scan# 3537
Delta R.T. -0.01 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

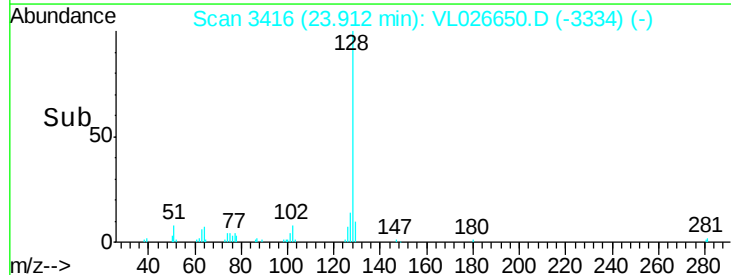
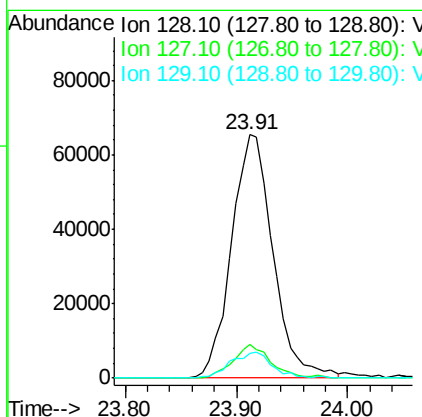
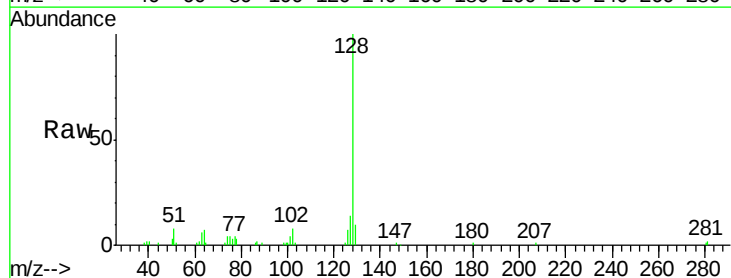
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

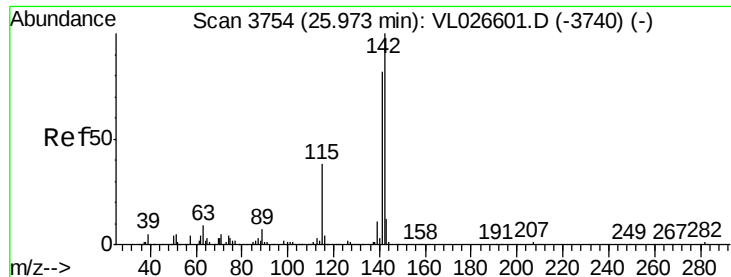
Tot Ion:225 Resp: 84945
Ion Ratio Lower Upper
225 100
223 59.7 50.0 75.0
227 60.3 51.1 76.7



#79
Naphthalene
Concen: 0.42 ppbv
RT: 23.91 min Scan# 3416
Delta R.T. 0.00 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion:128 Resp: 169279
Ion Ratio Lower Upper
128 100
127 13.8 9.8 14.8
129 10.4 8.9 13.3

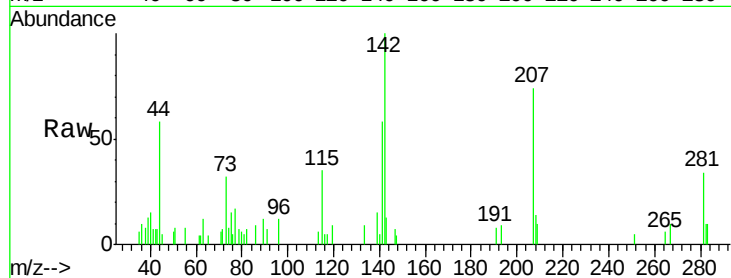




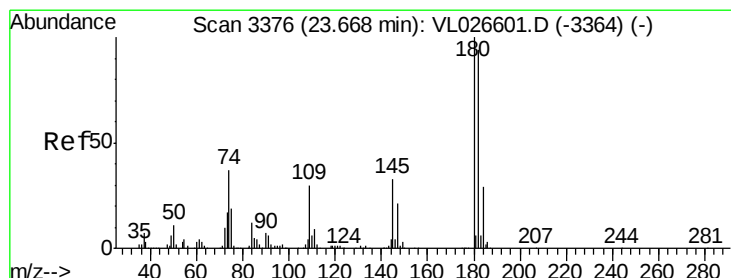
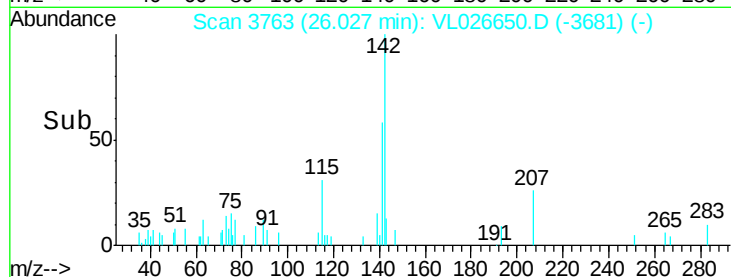
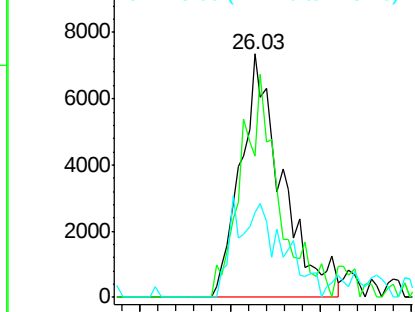
#80
Naphthalene, 2-methyl-
Concen: 0.23 ppbv
RT: 26.03 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tot Ion:142 Resp: 23361
Ion Ratio Lower Upper
142 100
141 92.4 66.8 100.2
115 45.2 24.7 37.1#

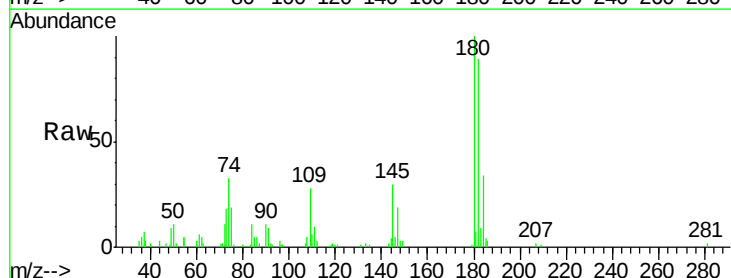


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



#81
1,2,4-Trichlorobenzene
Concen: 0.49 ppbv
RT: 23.71 min Scan# 3383
Delta R.T. 0.00 min
Lab File: VL026650.D
Acq: 8 Jan 2016 17:22

Tgt Ion:180 Resp: 84342
Ion Ratio Lower Upper
180 100
182 96.3 75.5 113.3
184 29.2 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 184.00 (183.70 to 184.70): V

