

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025614.D
 Acq On : 7 Jul 2015 19:18
 Operator : SY/MD
 Sample : G2653-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Quant Time: Jul 08 06:54:00 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	567018	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	1541589	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	1972132	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	1771885	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	76155	0.52	ppbv	100
3) Chlorodifluoromethane	3.57	51	35491	0.44	ppbv	98
4) Chloromethane	3.76	50	15850	0.43	ppbv	89
5) Vinyl Chloride	3.89	62	16418	0.42	ppbv	92
6) Bromomethane	4.15	94	14078	0.44	ppbv	86
7) Chloroethane	4.24	64	8420	0.46	ppbv	96
8) Dichlorotetrafluoroethane	3.81	85	61849	0.48	ppbv	95
9) Propene	3.59	41	9332	0.35	ppbv	95
10) Heptane	9.35	43	34747	0.34	ppbv	99
11) Trichlorofluoromethane	4.70	101	92877	0.49	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	50609	0.46	ppbv	96
13) Ethanol	4.34	45	547	0.13	ppbv #	35
14) Bromoethene	4.45	108	15078	0.42	ppbv	96
15) Acetone	4.63	43	50303	0.50	ppbv	96
16) 1,3-Butadiene	3.97	39	16121	0.40	ppbv	93
17) tert-Butyl alcohol	5.09	59	1959	0.02	ppbv #	69
18) 1,1-Dichloroethene	5.09	96	17358	0.41	ppbv	91
19) Isopropyl Alcohol	4.78	45	14998	0.38	ppbv #	1
20) Methylene Chloride	5.15	84	19250	0.47	ppbv	92
21) Allyl Chloride	5.23	41	25764	0.41	ppbv #	75
22) trans-1,2-Dichloroethene	5.76	96	17389	0.41	ppbv	84
23) Vinyl Acetate	5.99	43	49316	0.32	ppbv #	91
24) 1,1-Dichloroethane	5.91	63	44853	0.44	ppbv	97
25) Ethyl Acetate	6.69	43	56594	0.37	ppbv #	98
26) Hexane	6.66	57	25452	0.36	ppbv	90
27) Carbon Disulfide	5.39	76	49406	0.43	ppbv #	81
28) Methyl tert-Butyl Ether	5.98	73	47226	0.33	ppbv	98
29) Chloroform	6.74	83	63586	0.45	ppbv	100
30) Cyclohexane	8.29	84	25774	0.38	ppbv #	6
31) cis-1,2-Dichloroethene	6.51	61	24415	0.34	ppbv	97
32) 1,1,1-Trichloroethane	7.59	97	64598	0.42	ppbv	96
34) 2-Butanone	6.23	43	30785	0.35	ppbv	96
35) Carbon Tetrachloride	8.17	117	70673	0.43	ppbv	99
36) Benzene	8.02	78	51608	0.35	ppbv	95
37) 1,2-Dichloroethane	7.37	62	51507	0.41	ppbv	99
38) Trichloroethene	9.07	130	25519	0.37	ppbv	90
39) 1,2-Dichloropropane	8.82	63	19974	0.37	ppbv	96
40) 1,4-Dioxane	9.21	88	1204	0.14	ppbv #	1
41) Tetrahydrofuran	7.17	42	11924	0.27	ppbv	98
42) Bromodichloromethane	9.02	83	59971	0.39	ppbv	100
43) Methyl Methacrylate	9.27	69	15261	0.27	ppbv	98

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
 Data File : VL025614.D
 Acq On : 7 Jul 2015 19:18
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 Sample : G2653-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Quant Time: Jul 08 06:54:00 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

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

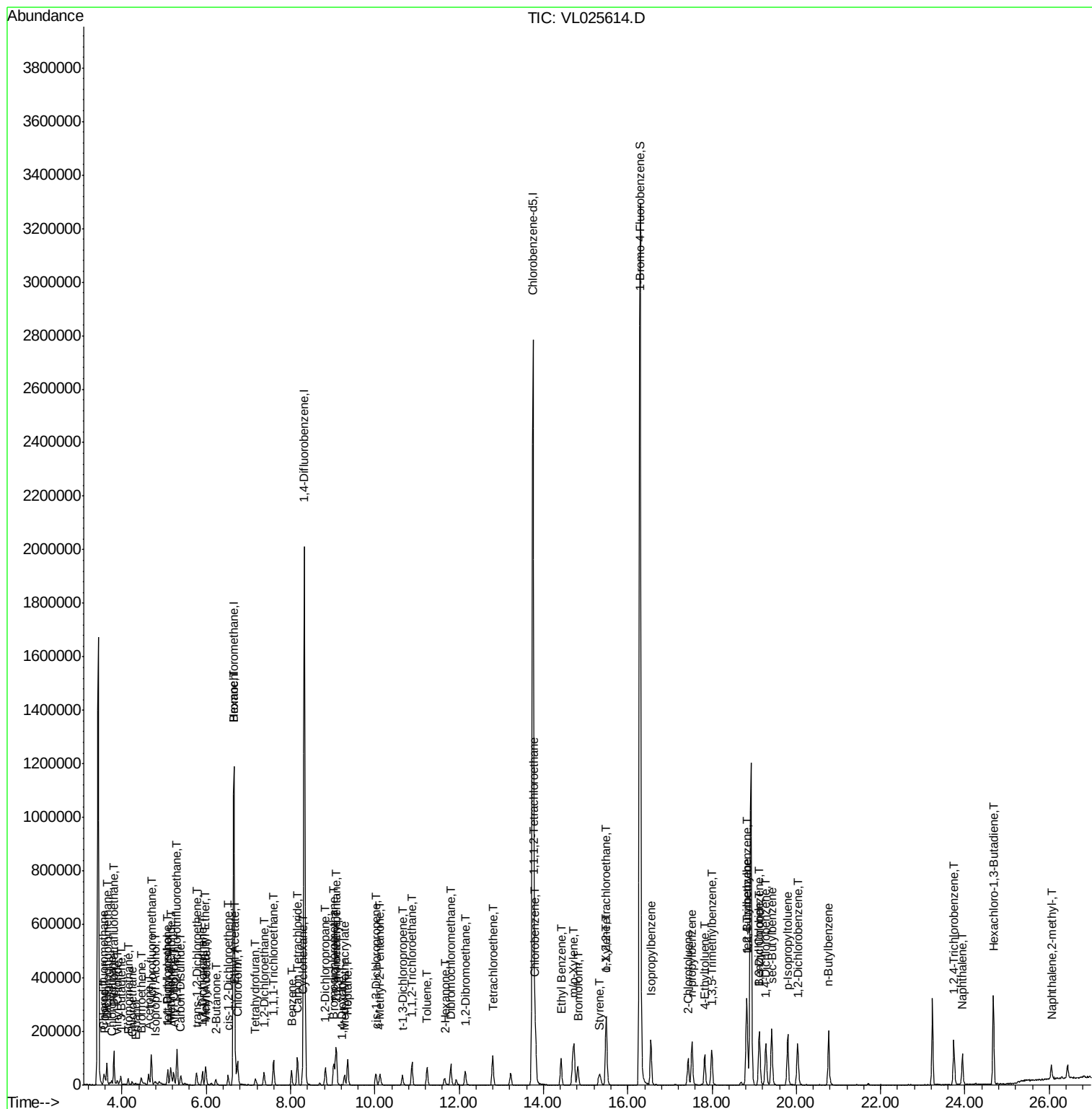
44) 2,2,4-Trimethylpentane	9.09	57	81143	0.32	ppbv #	88
45) t-1,3-Dichloropropene	10.66	75	25328	0.27	ppbv	95
46) cis-1,3-Dichloropropene	10.02	75	29899	0.28	ppbv	93
47) 1,1,2-Trichloroethane	10.88	97	32326	0.43	ppbv	95
48) Dibromochloromethane	11.80	129	52223	0.38	ppbv	99
49) Bromoform	14.82	173	43079	0.38	ppbv	99
50) 4-Methyl-2-Pentanone	10.12	43	35200	0.28	ppbv	97
51) 2-Hexanone	11.65	43	26675	0.24	ppbv #	92
52) Tetrachloroethene	12.79	164	29659	0.40	ppbv	92
53) Toluene	11.24	91	58209	0.28	ppbv	97
54) 1,2-Dibromoethane	12.15	107	48638	0.40	ppbv	98
56) 1,1,1,2-Tetrachloroethane	13.79	131	46550	0.44	ppbv #	1
57) Chlorobenzene	13.81	112	93859	0.45	ppbv	97
58) Ethyl Benzene	14.42	91	93547	0.29	ppbv	98
59) m/p-Xylene	14.72	91	199619	0.70	ppbv	97
60) o-Xylene	15.49	91	110571	0.36	ppbv	99
61) Styrene	15.32	104	25197	0.23	ppbv	97
62) Isopropylbenzene	16.55	105	149845	0.37	ppbv	98
63) 1,1,2,2-Tetrachloroethane	15.49	83	98019	0.47	ppbv	99
64) n-propylbenzene	17.53	120	37662	0.35	ppbv	90
65) tert-Butylbenzene	18.82	119	146859	0.37	ppbv	98
66) Benzyl Chloride	19.11	91	47703	0.33	ppbv	99
67) sec-Butylbenzene	19.41	105	211458	0.38	ppbv	98
69) p-Isopropyltoluene	19.80	119	154718	0.34	ppbv	97
70) n-Butylbenzene	20.77	91	163113	0.35	ppbv	95
71) 2-Chlorotoluene	17.43	91	92356	0.31	ppbv	98
72) 4-Ethyltoluene	17.83	105	101464	0.30	ppbv #	97
73) 1,3,5-Trimethylbenzene	17.99	105	111670	0.33	ppbv	99
74) 1,2,4-Trimethylbenzene	18.83	105	148787	0.40	ppbv	92
75) 1,3-Dichlorobenzene	19.12	146	110230	0.45	ppbv	97
76) 1,4-Dichlorobenzene	19.27	146	100971	0.41	ppbv	98
77) 1,2-Dichlorobenzene	20.03	146	105731	0.44	ppbv	97
78) Hexachloro-1,3-Butadiene	24.67	225	69962	0.47	ppbv	99
79) Naphthalene	23.94	128	120615	0.33	ppbv	98
80) Naphthalene,2-methyl-	26.05	142	39209	0.37	ppbv #	93
81) 1,2,4-Trichlorobenzene	23.74	180	64179	0.37	ppbv	99

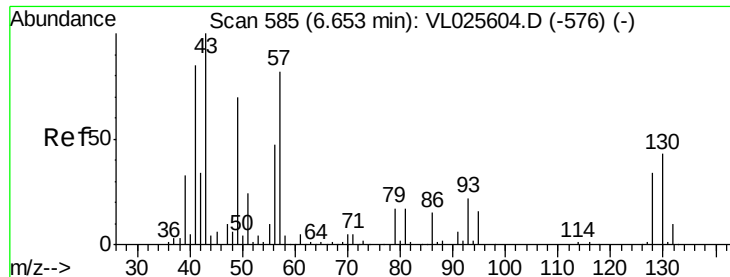
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\  
Data File : VL025614.D  
Acq On    : 7 Jul 2015 19:18  
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Sample    : G2653-01  
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ALS Vial  : 1 Sample Multiplier: 1
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Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

Quant Time: Jul 08 06:54:00 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

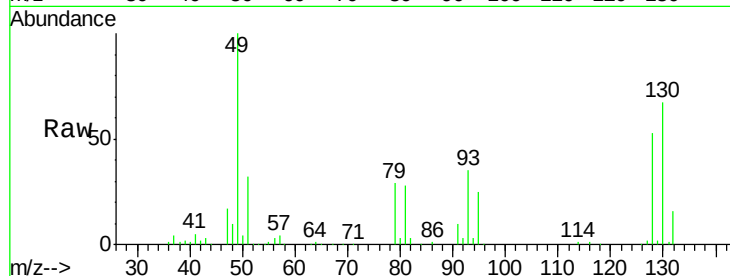
Tgt Ion: 49 Resp: 567018

Ion Ratio Lower Upper

49 100

128 52.2 25.4 76.0

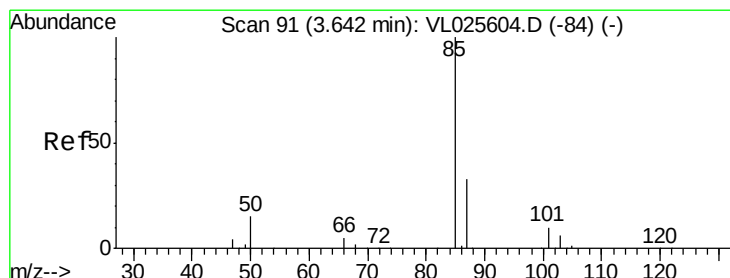
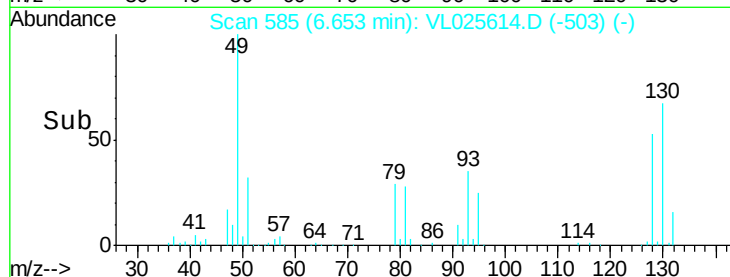
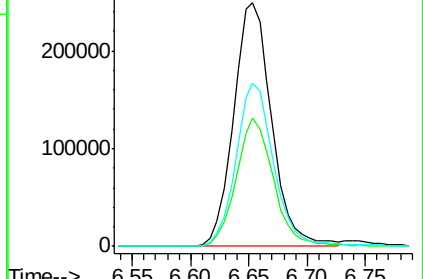
130 67.6 31.9 95.9



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: 0.52 ppbv

RT: 3.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VL025614.D

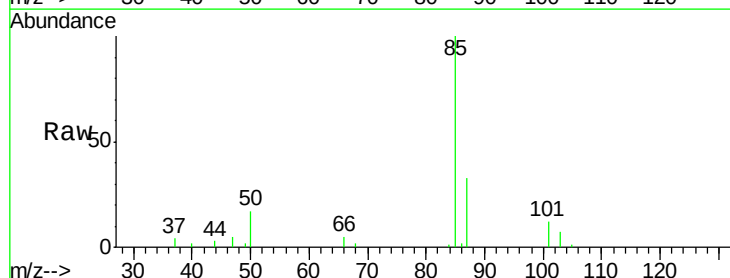
Acq: 7 Jul 2015 19:18

Tgt Ion: 85 Resp: 76155

Ion Ratio Lower Upper

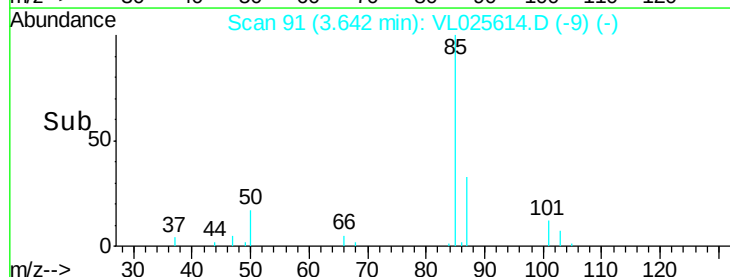
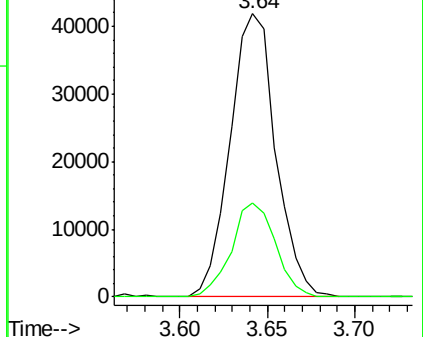
85 100

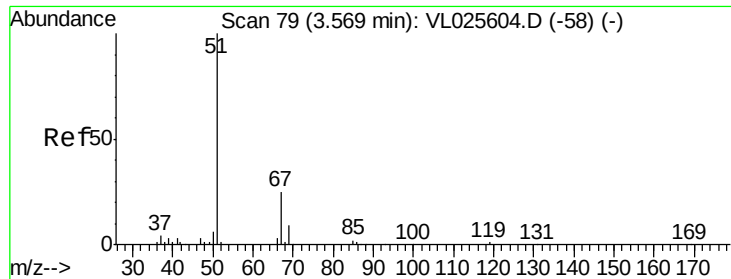
87 33.3 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.44 ppbv

RT: 3.57 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

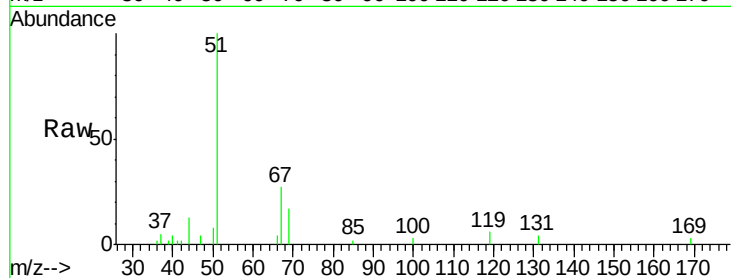
AIR-LOD

Tgt Ion: 51 Resp: 35491

Ion Ratio Lower Upper

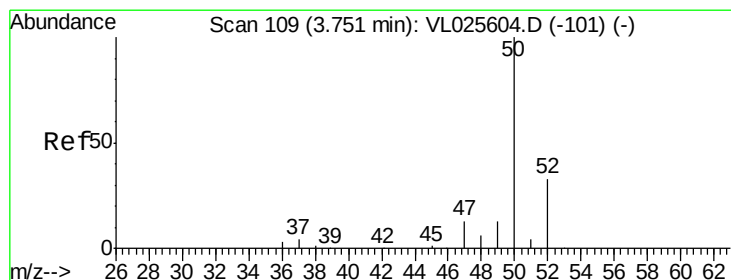
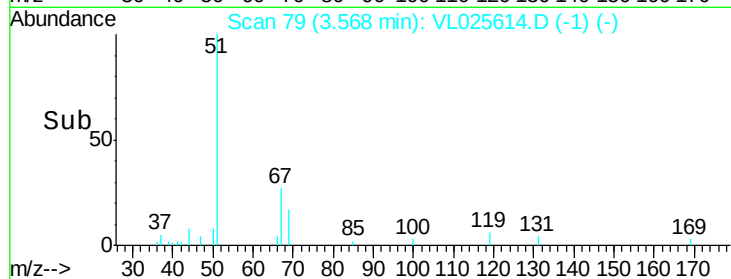
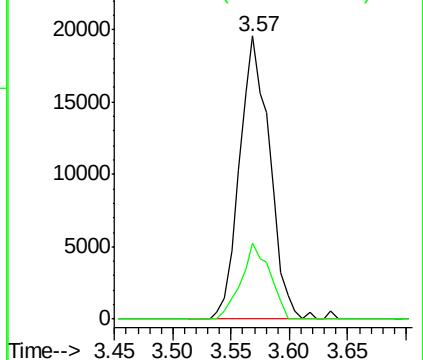
51 100

67 25.3 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: 0.43 ppbv

RT: 3.76 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL025614.D

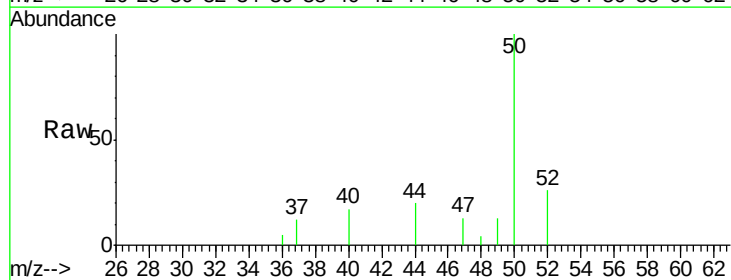
Acq: 7 Jul 2015 19:18

Tgt Ion: 50 Resp: 15850

Ion Ratio Lower Upper

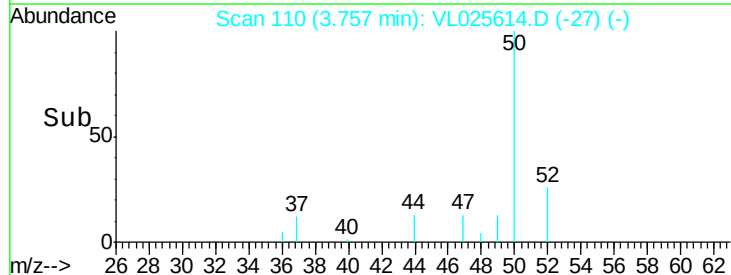
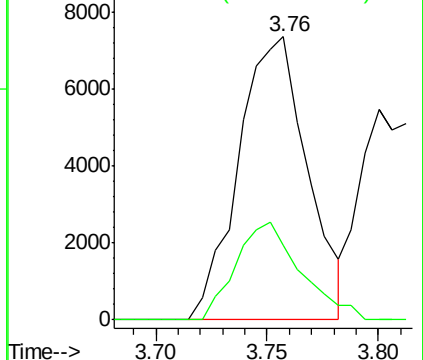
50 100

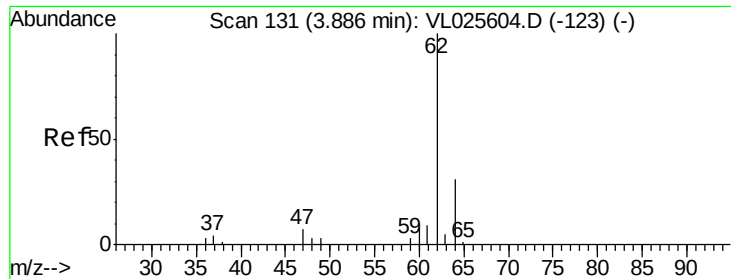
52 26.3 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.42 ppbv

RT: 3.89 min Scan# 132

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

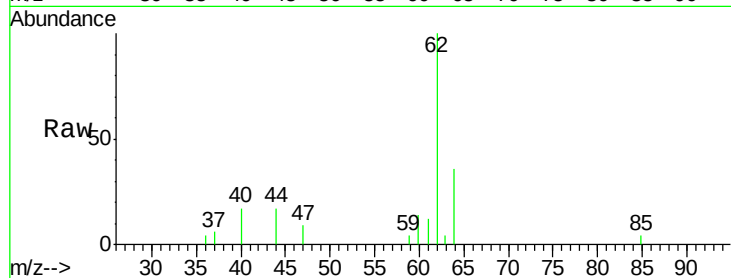
AIR-LOD

Tgt Ion: 62 Resp: 16418

Ion Ratio Lower Upper

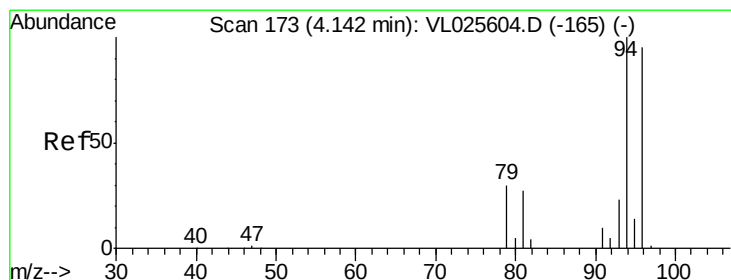
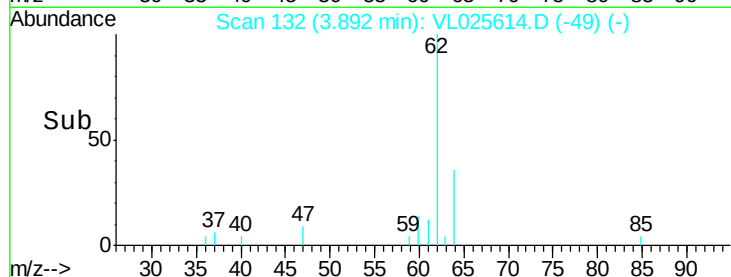
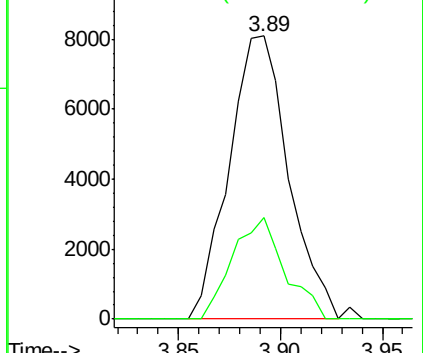
62 100

64 35.8 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: 0.44 ppbv

RT: 4.15 min Scan# 174

Delta R.T. 0.01 min

Lab File: VL025614.D

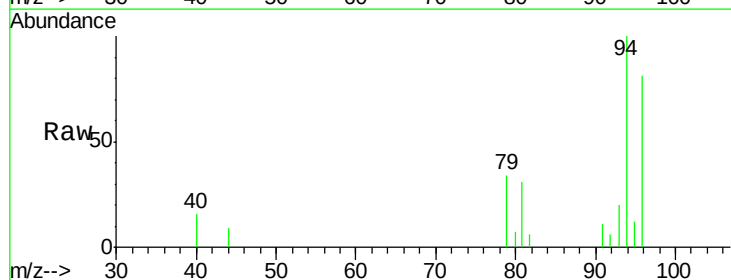
Acq: 7 Jul 2015 19:18

Tgt Ion: 94 Resp: 14078

Ion Ratio Lower Upper

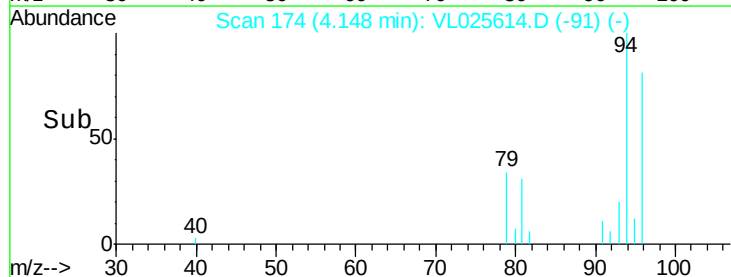
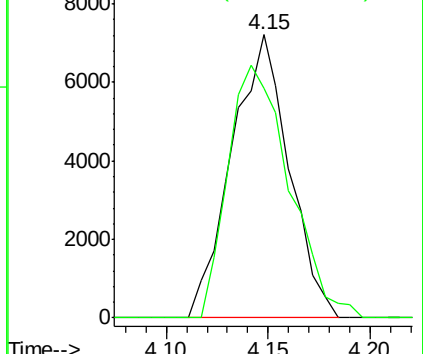
94 100

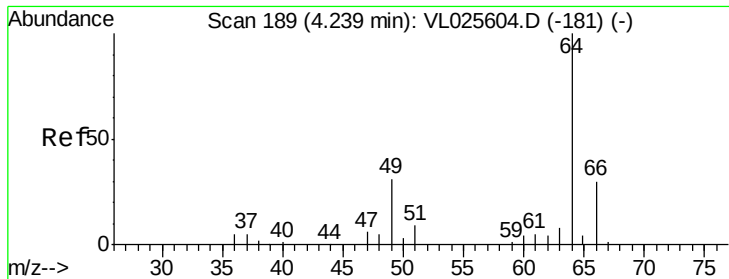
96 81.2 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.46 ppbv

RT: 4.24 min Scan# 189

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

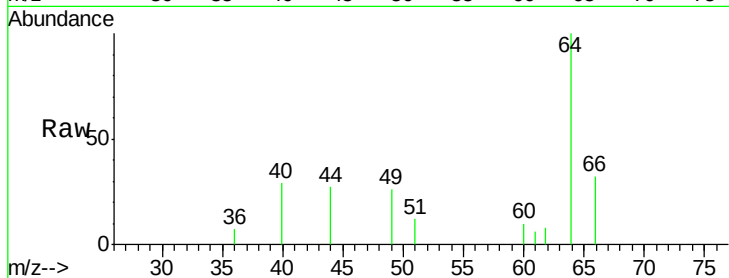
AIR-LOD

Tgt Ion: 64 Resp: 8420

Ion Ratio Lower Upper

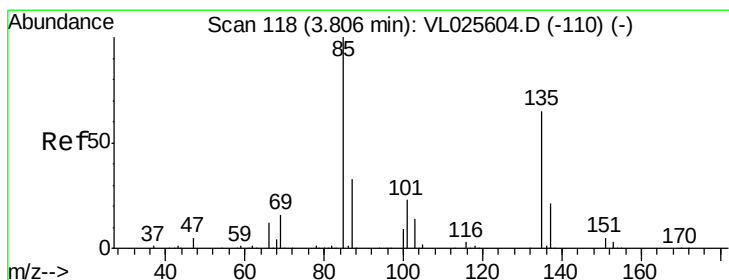
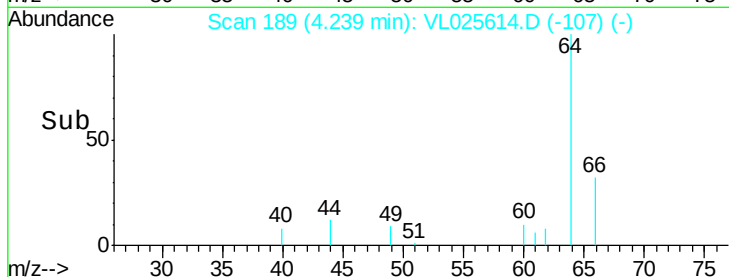
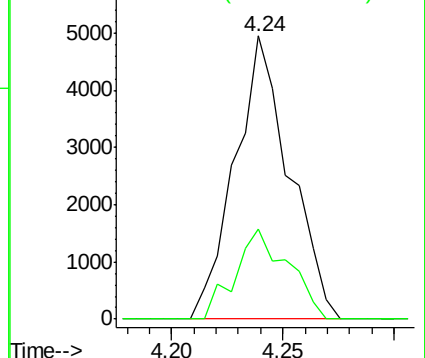
64 100

66 31.9 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: 0.48 ppbv

RT: 3.81 min Scan# 118

Delta R.T. -0.00 min

Lab File: VL025614.D

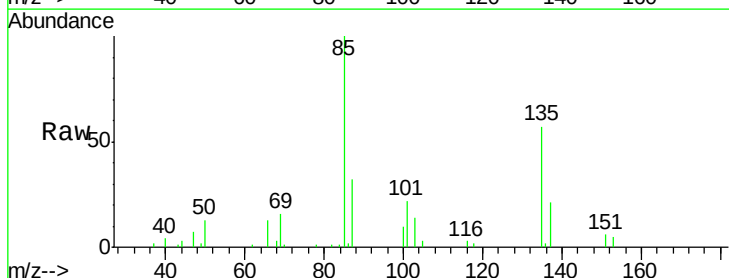
Acq: 7 Jul 2015 19:18

Tgt Ion: 85 Resp: 61849

Ion Ratio Lower Upper

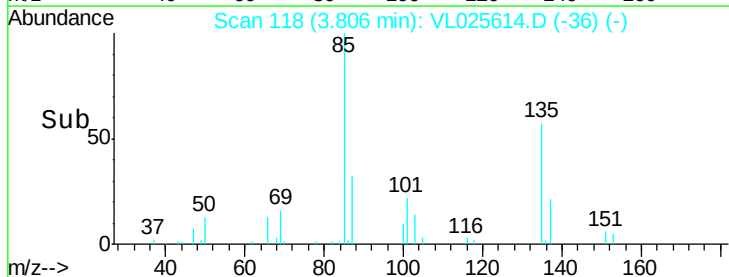
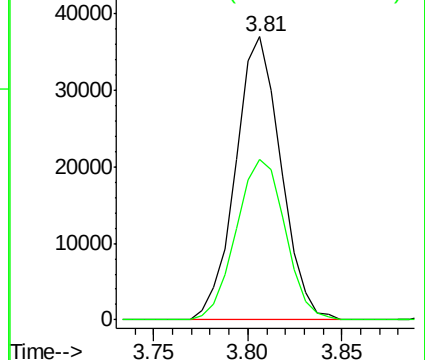
85 100

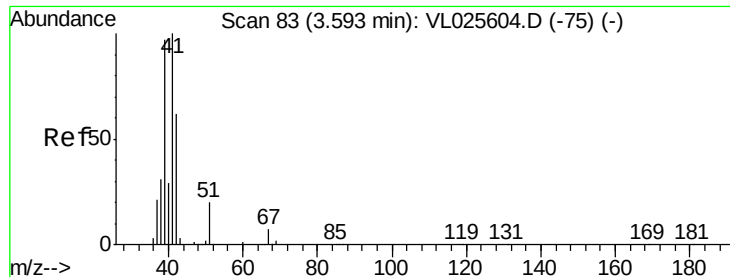
135 61.0 52.2 78.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.35 ppbv

RT: 3.59 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

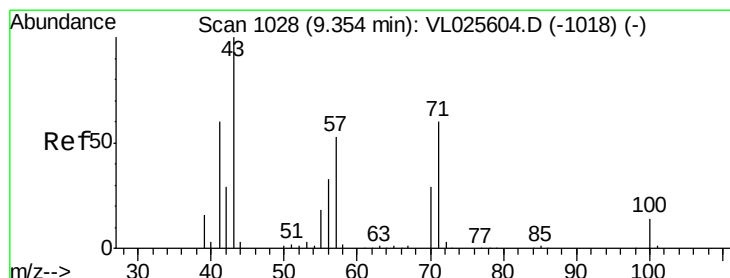
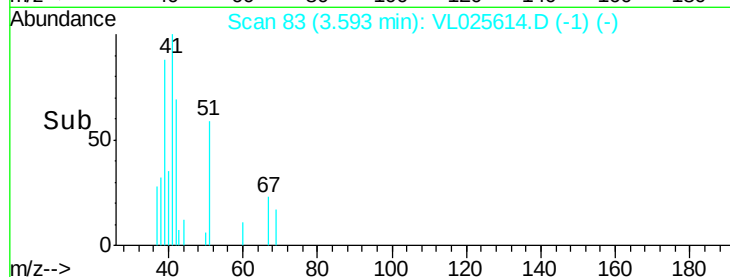
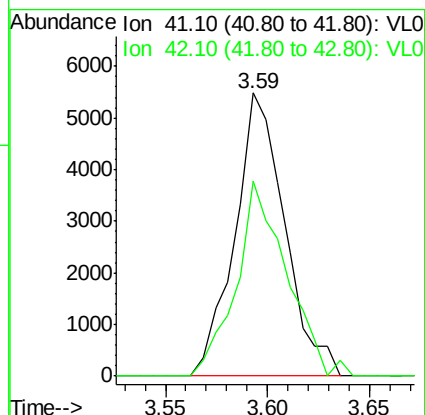
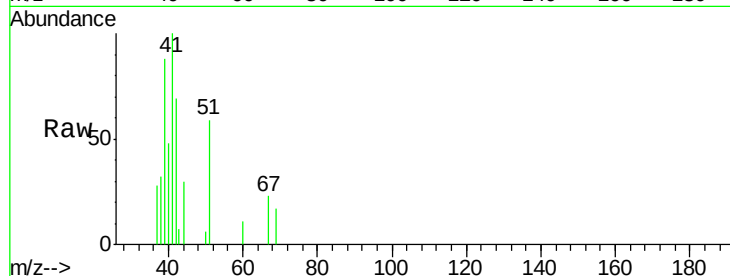
AIR-LOD

Tgt Ion: 41 Resp: 9332

Ion Ratio Lower Upper

41 100

42 69.5 52.4 78.6



#10

Heptane

Concen: 0.34 ppbv

RT: 9.35 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VL025614.D

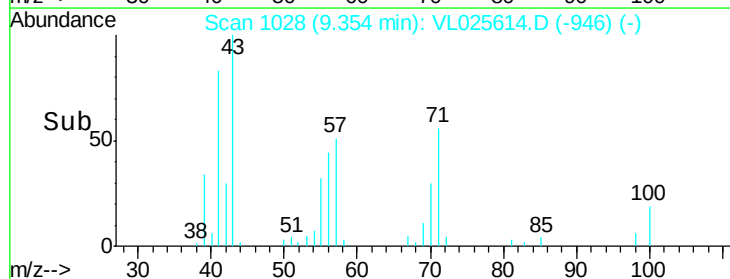
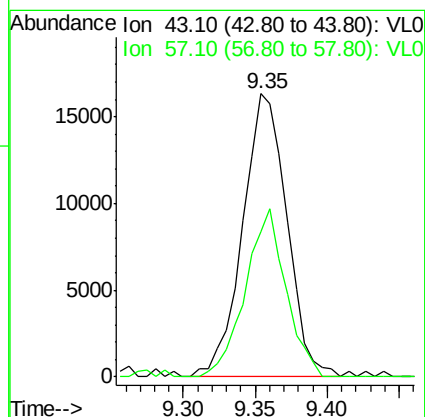
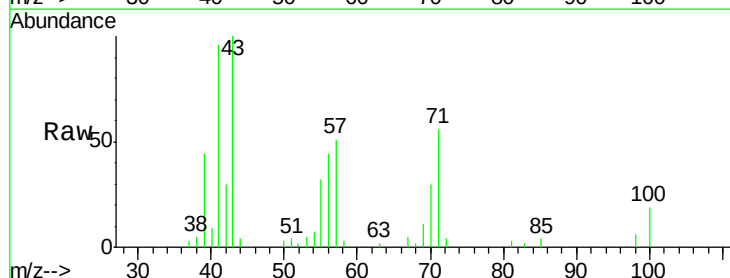
Acq: 7 Jul 2015 19:18

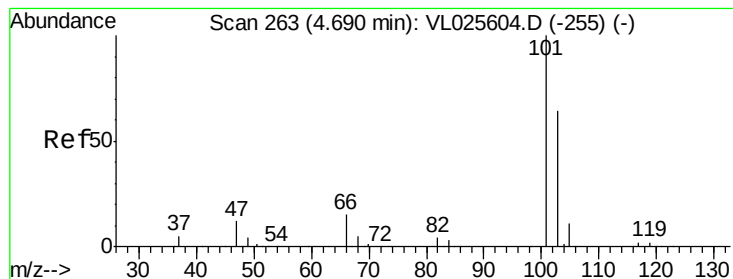
Tgt Ion: 43 Resp: 34747

Ion Ratio Lower Upper

43 100

57 54.4 42.6 64.0





#11

Trichlorofluoromethane

Concen: 0.49 ppbv

RT: 4.70 min Scan# 264

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

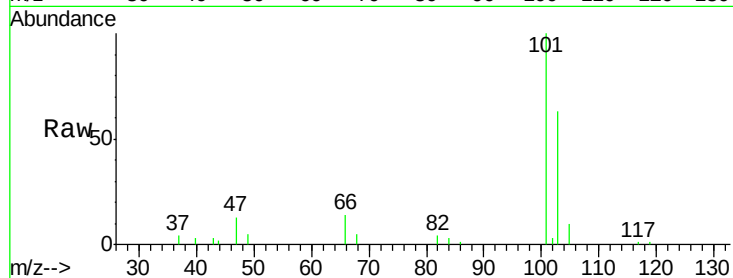
AIR-LOD

Tgt Ion:101 Resp: 92877

Ion Ratio Lower Upper

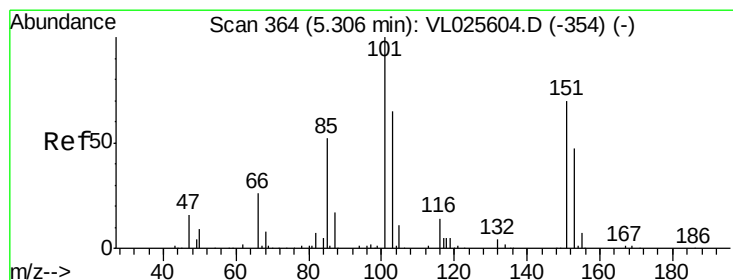
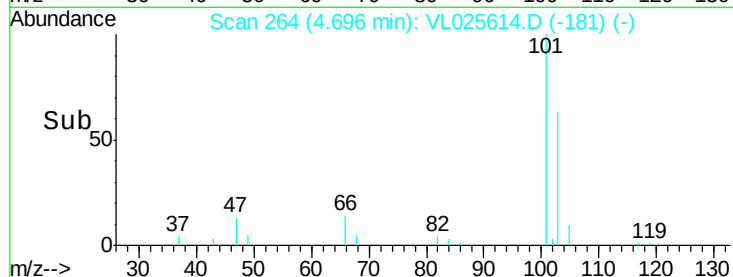
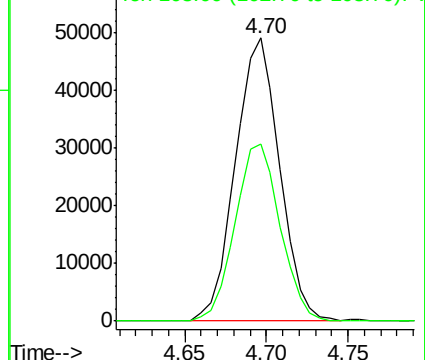
101 100

103 62.7 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: 0.46 ppbv

RT: 5.31 min Scan# 364

Delta R.T. -0.00 min

Lab File: VL025614.D

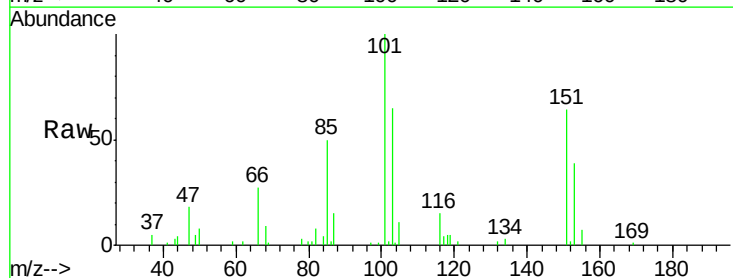
Acq: 7 Jul 2015 19:18

Tgt Ion:101 Resp: 50609

Ion Ratio Lower Upper

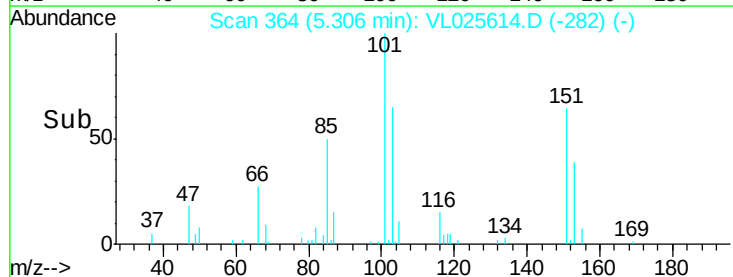
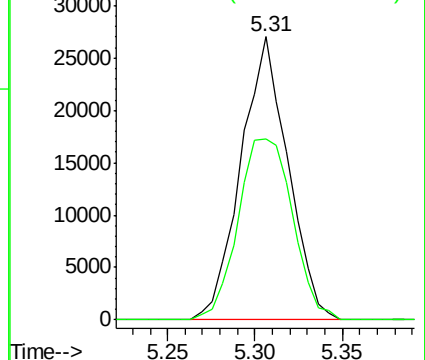
101 100

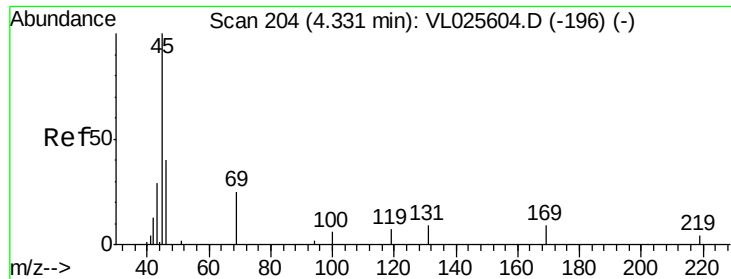
151 74.0 56.3 84.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

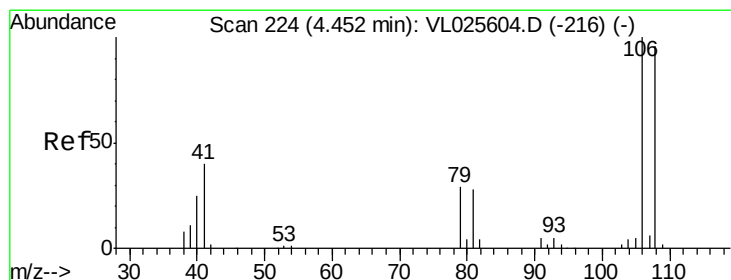
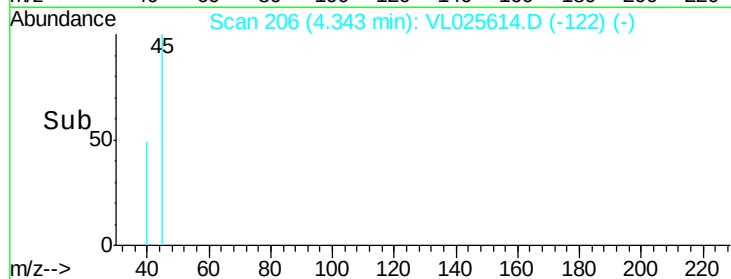
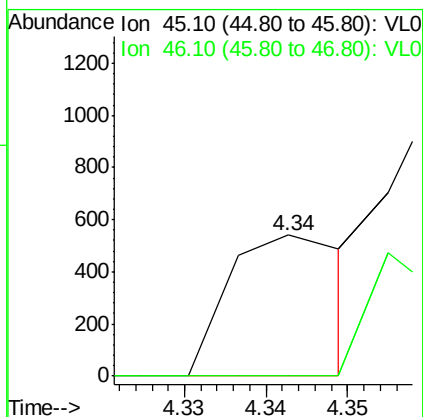
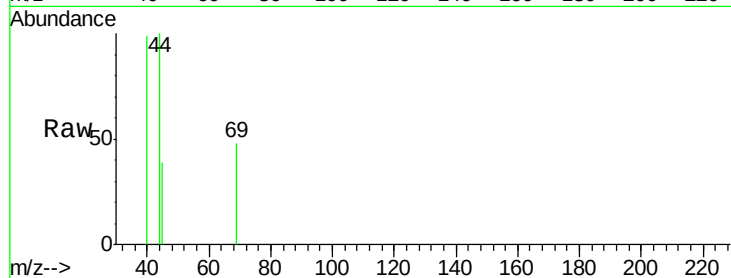




#13
Ethanol
Concen: 0.13 ppbv
RT: 4.34 min Scan# 206
Delta R.T. 0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

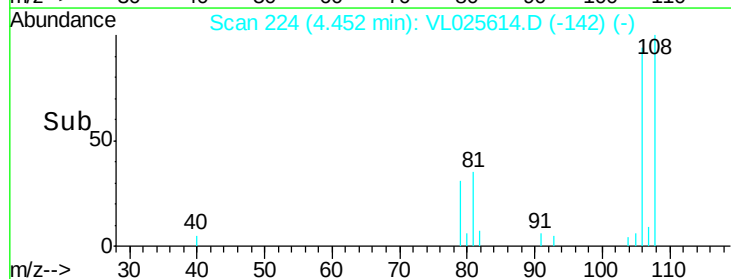
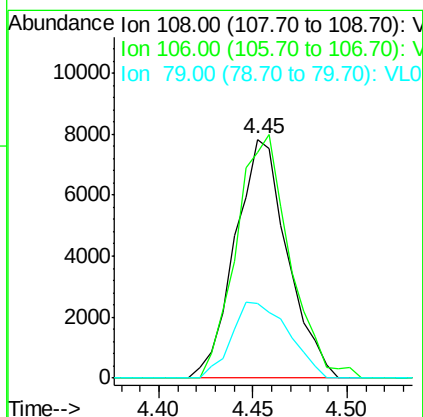
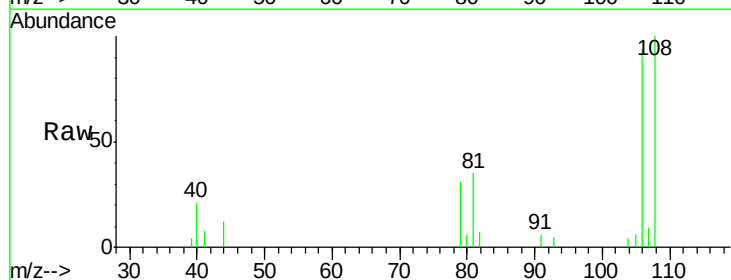
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

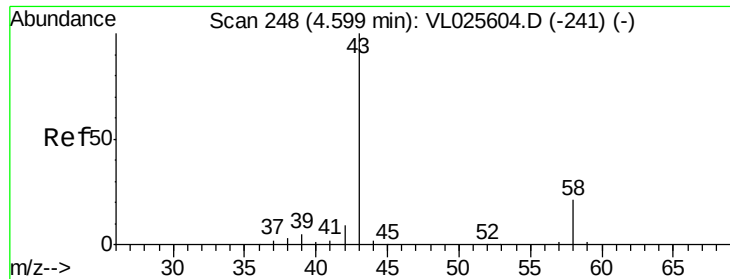
Tgt Ion: 45 Resp: 547
Ion Ratio Lower Upper
45 100
46 0.0 16.0 64.0#



#14
Bromoethene
Concen: 0.42 ppbv
RT: 4.45 min Scan# 224
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 108 Resp: 15078
Ion Ratio Lower Upper
108 100
106 103.8 85.7 128.5
79 34.6 24.6 36.8





#15

Acetone

Concen: 0.50 ppbv

RT: 4.63 min Scan# 253

Delta R.T. 0.03 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

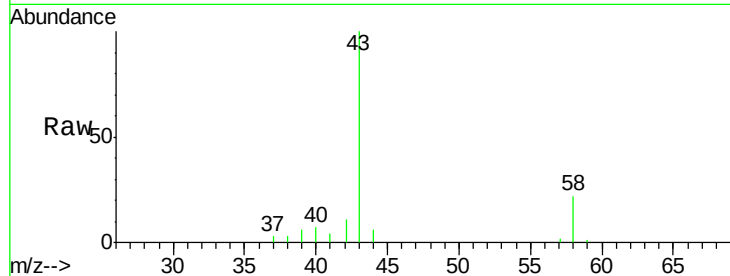
AIR-LOD

Tgt Ion: 43 Resp: 50303

Ion Ratio Lower Upper

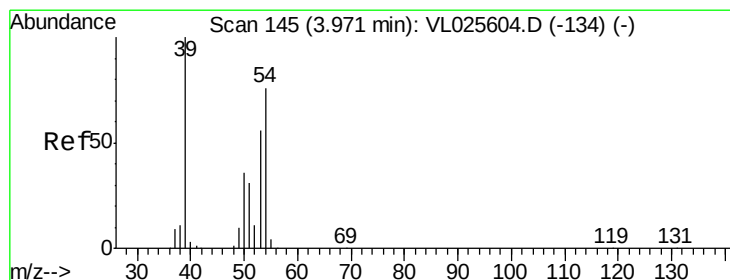
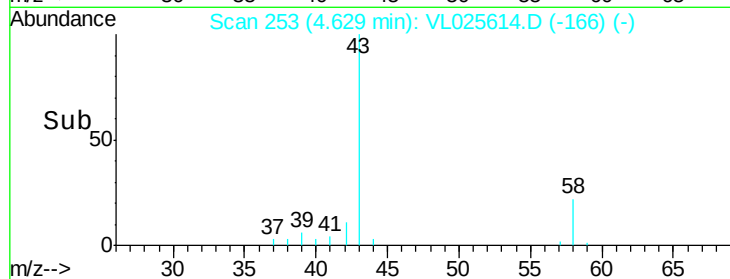
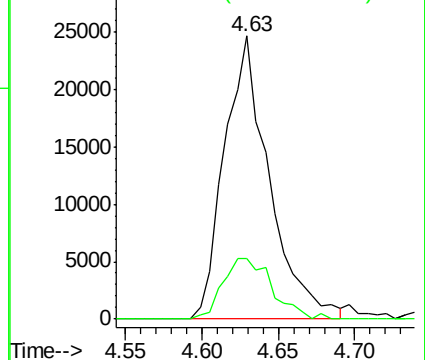
43 100

58 23.5 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: 0.40 ppbv

RT: 3.97 min Scan# 145

Delta R.T. -0.00 min

Lab File: VL025614.D

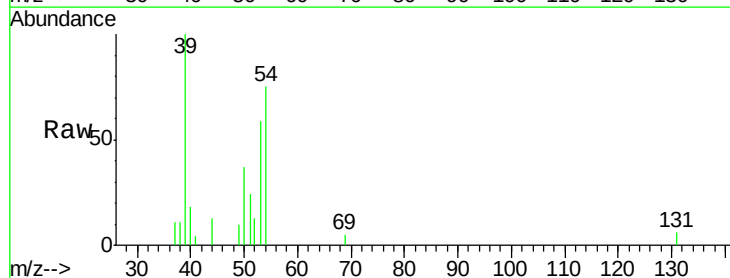
Acq: 7 Jul 2015 19:18

Tgt Ion: 39 Resp: 16121

Ion Ratio Lower Upper

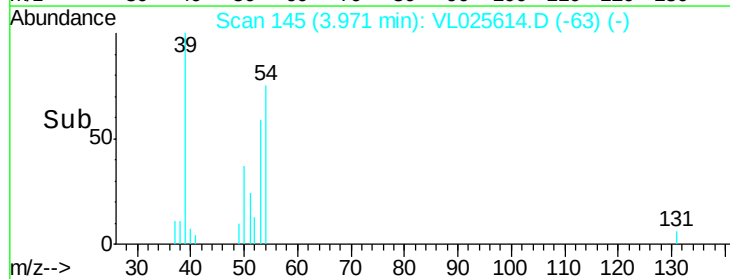
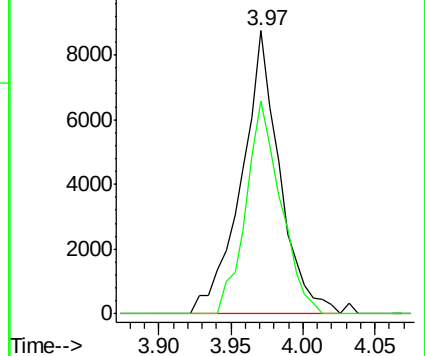
39 100

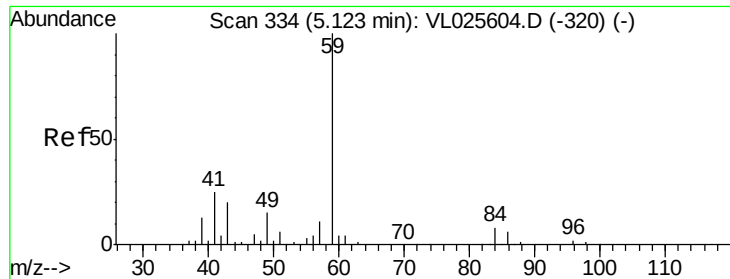
54 68.1 59.3 88.9



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.02 ppbv

RT: 5.09 min Scan# 328

Delta R.T. -0.04 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

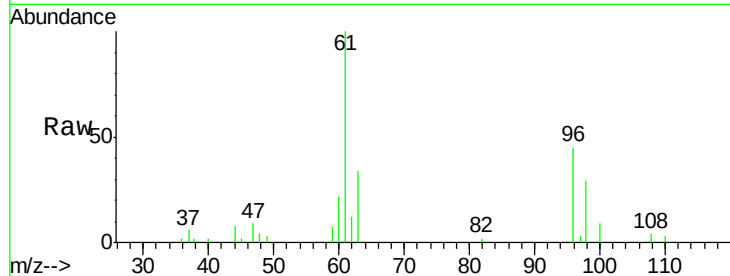
AIR-LOD

Tgt Ion: 59 Resp: 1959

Ion Ratio Lower Upper

59 100

57 0.0 9.4 14.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

5.09

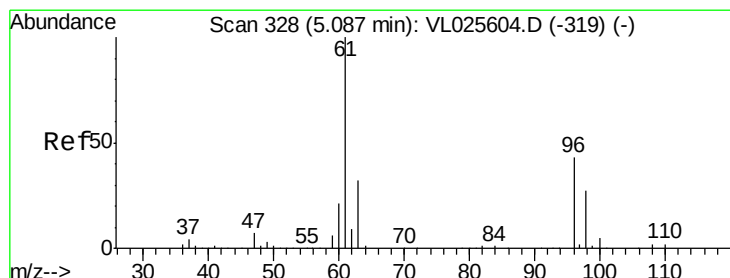
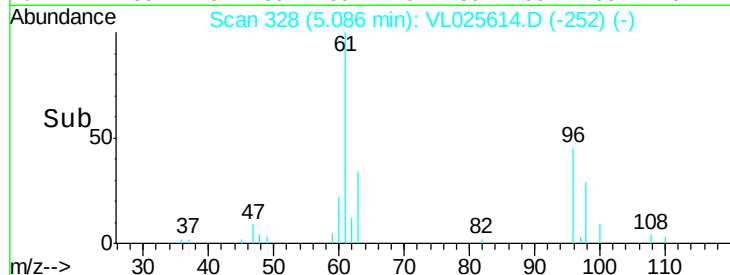
1500

1000

500

0

Time-->



#18

1,1-Dichloroethene

Concen: 0.41 ppbv

RT: 5.09 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

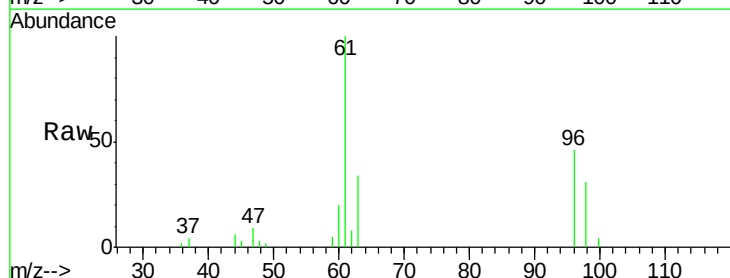
Tgt Ion: 96 Resp: 17358

Ion Ratio Lower Upper

96 100

61 214.0 184.1 276.1

98 67.0 50.0 75.0



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

25000

20000

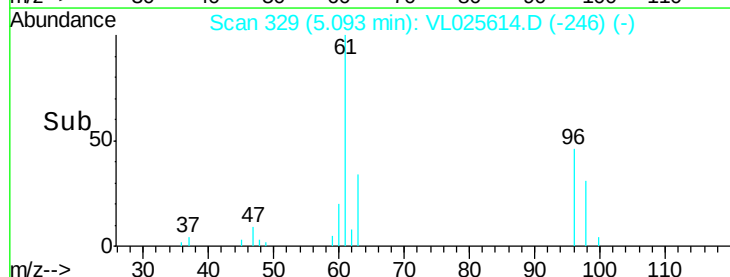
15000

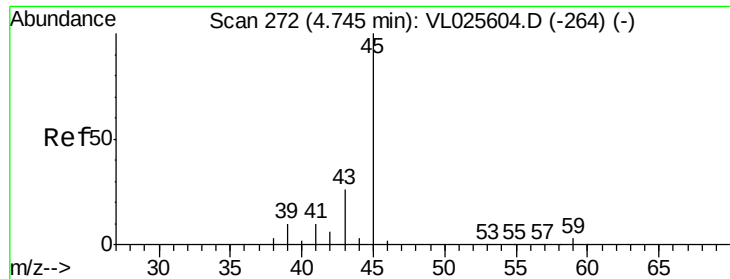
10000

5000

0

Time-->





#19

Isopropyl Alcohol

Concen: 0.38 ppbv

RT: 4.78 min Scan# 278

Delta R.T. 0.04 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

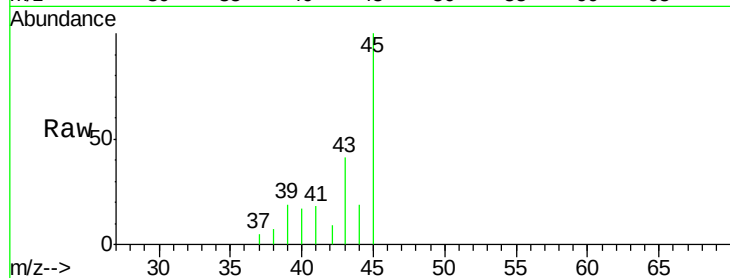
AIR-LOD

Tgt Ion: 45 Resp: 14998

Ion Ratio Lower Upper

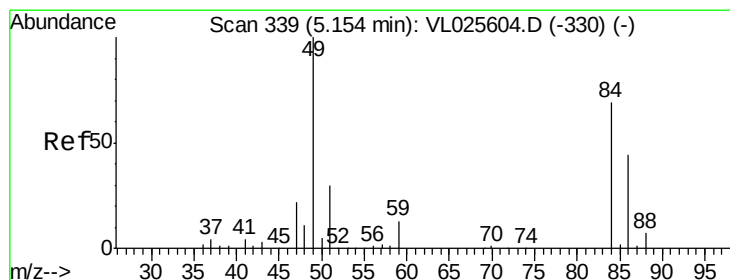
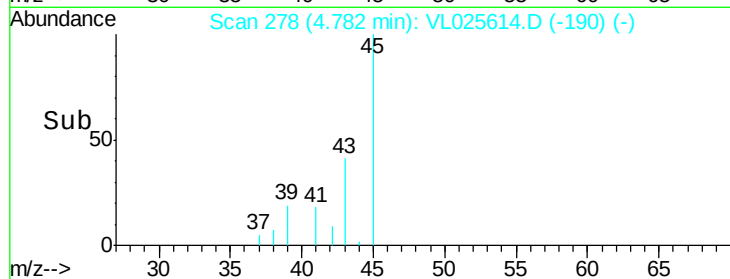
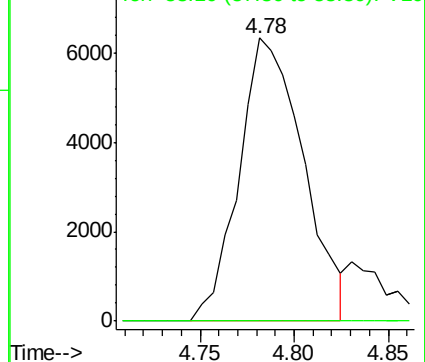
45 100

58 78.8 1.1 1.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.47 ppbv

RT: 5.15 min Scan# 339

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Tgt Ion: 84 Resp: 19250

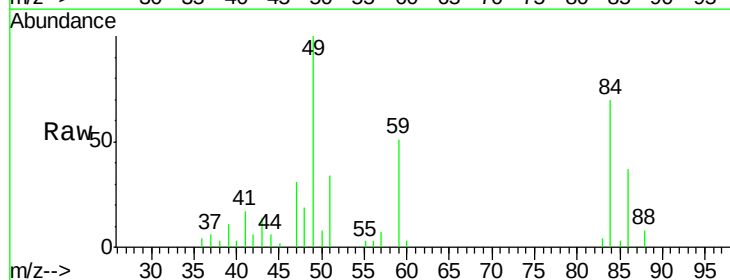
Ion Ratio Lower Upper

84 100

49 136.7 115.2 172.8

51 49.0 35.0 52.6

86 53.2 50.6 76.0

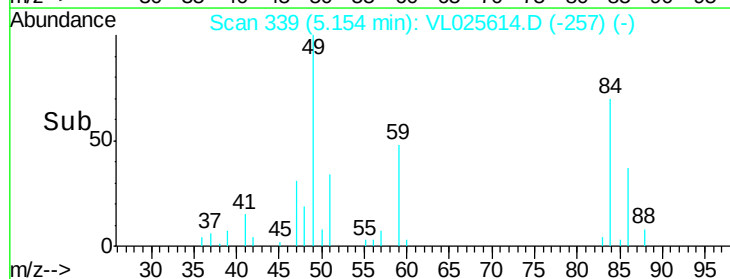
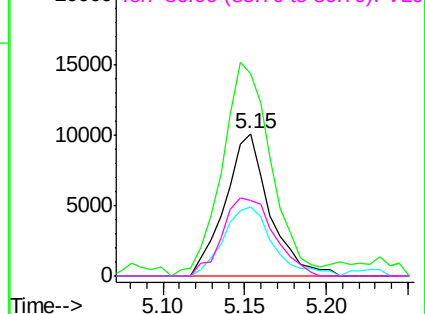


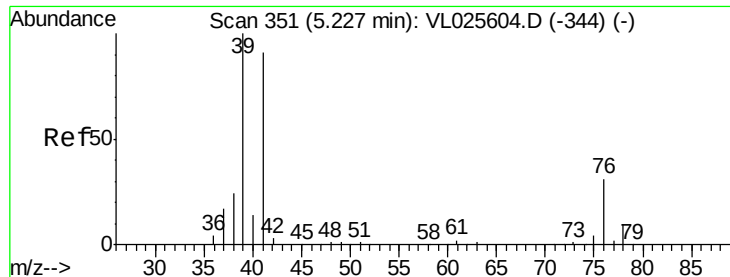
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allyl Chloride

Concen: 0.41 ppbv

RT: 5.23 min Scan# 351

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

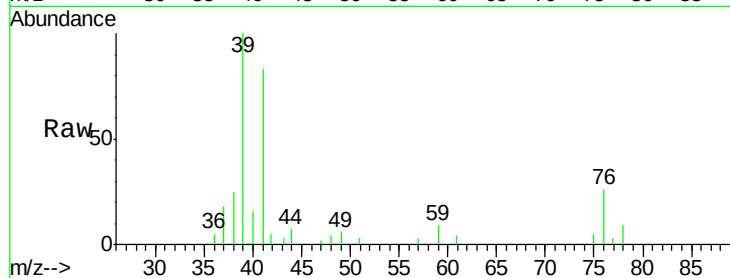
Tgt Ion: 41 Resp: 25764

Ion Ratio Lower Upper

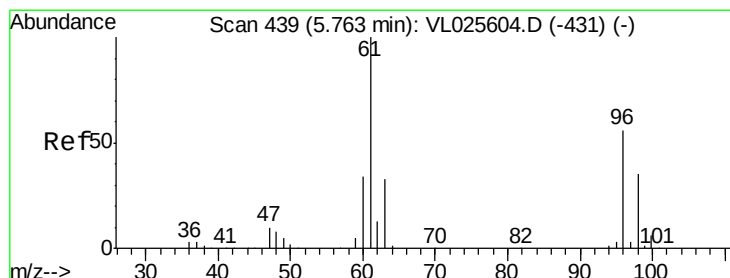
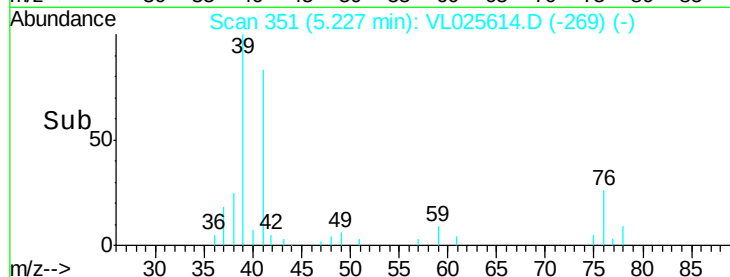
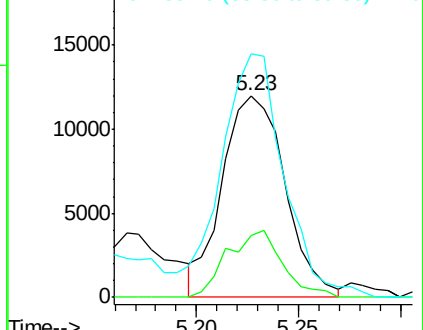
41 100

76 29.2 26.6 40.0

39 142.6 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: 0.41 ppbv

RT: 5.76 min Scan# 439

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

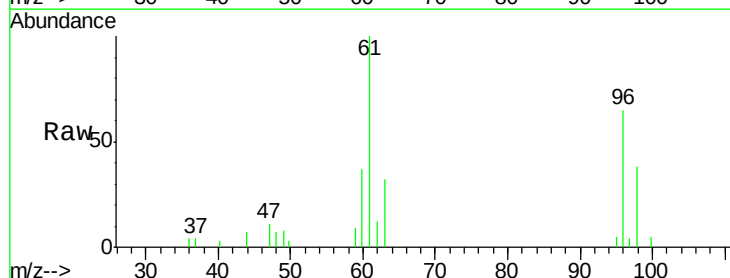
Tgt Ion: 96 Resp: 17389

Ion Ratio Lower Upper

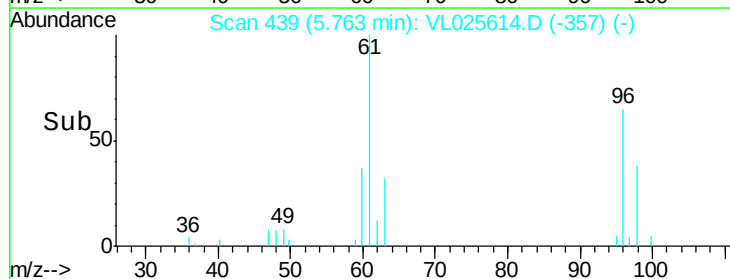
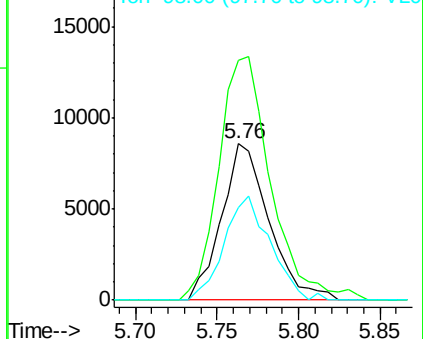
96 100

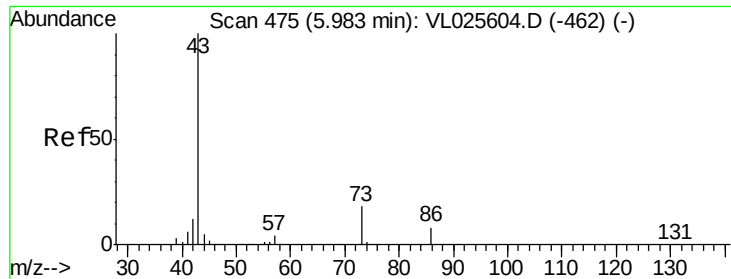
61 148.2 141.8 212.6

98 58.9 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: 0.32 ppbv

RT: 5.99 min Scan# 477

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

Tgt Ion: 43 Resp: 49316

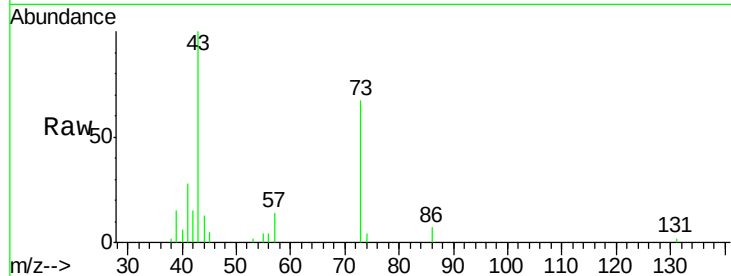
Ion Ratio Lower Upper

43 100

86 7.4 6.7 10.1

42 15.5 9.8 14.6#

44 11.2 4.1 6.1#

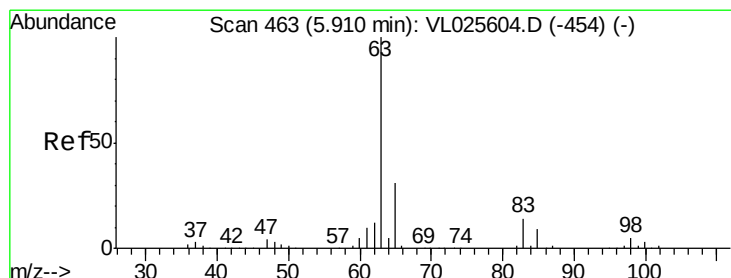
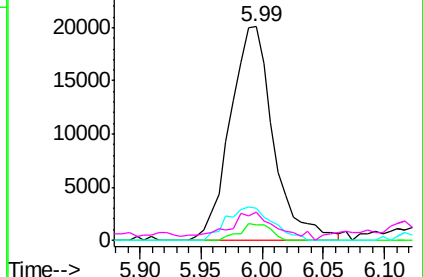
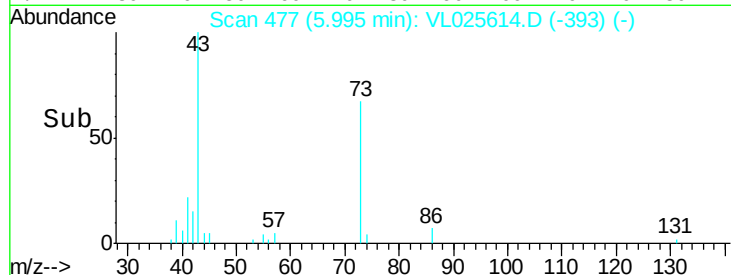


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.44 ppbv

RT: 5.91 min Scan# 463

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

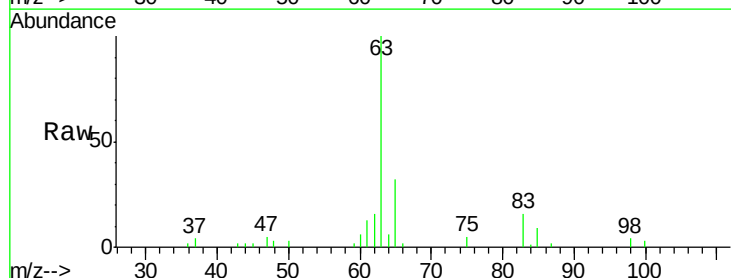
Tgt Ion: 63 Resp: 44853

Ion Ratio Lower Upper

63 100

98 3.9 2.6 8.0

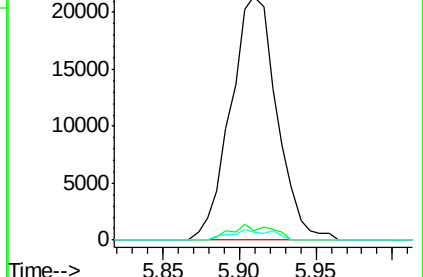
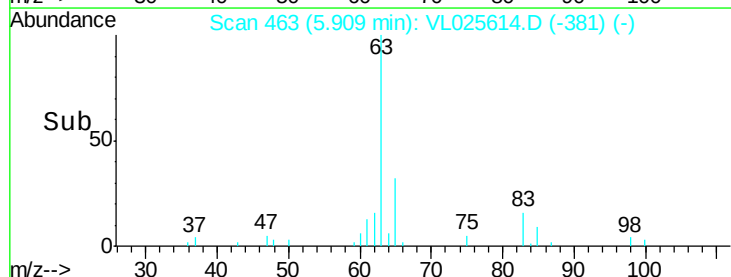
100 3.2 1.6 4.7

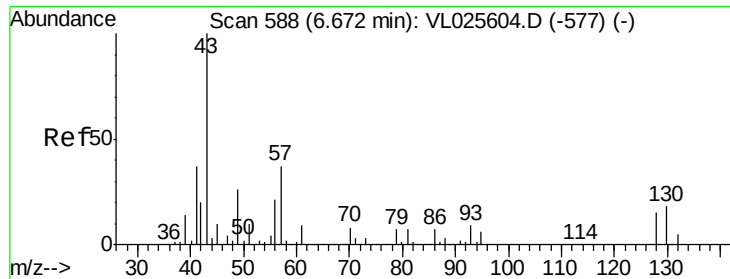


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 0.37 ppbv

RT: 6.69 min Scan# 591

Delta R.T. 0.02 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

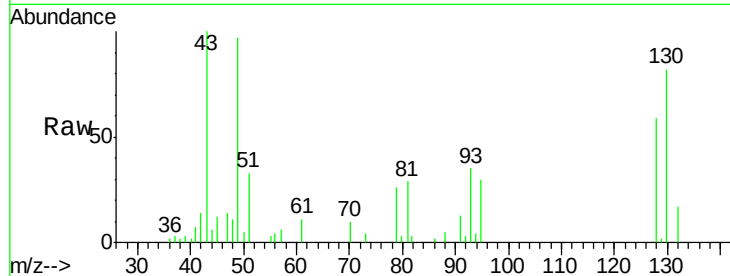
ClientSampleId :

AIR-LOD

Tgt Ion: 43 Resp: 56594

Ion Ratio Lower Upper

43	100		
45	9.7	7.5	11.3
61	7.9	6.6	10.0
70	9.5	6.0	9.0#



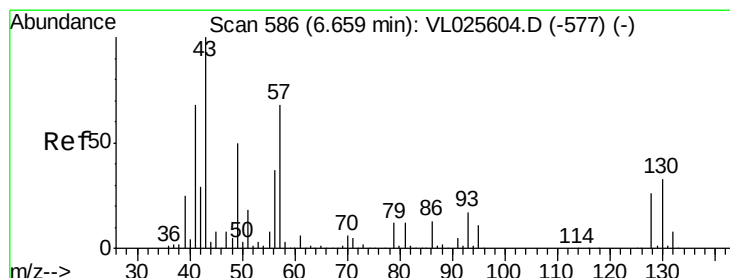
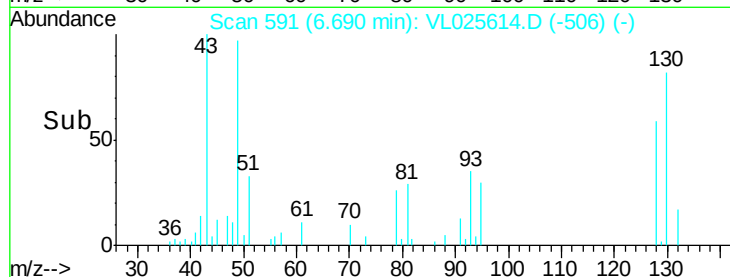
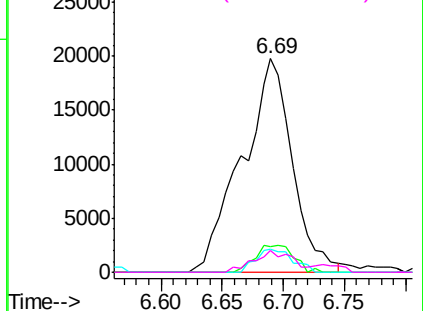
Abundance

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: 0.36 ppbv

RT: 6.66 min Scan# 586

Delta R.T. -0.00 min

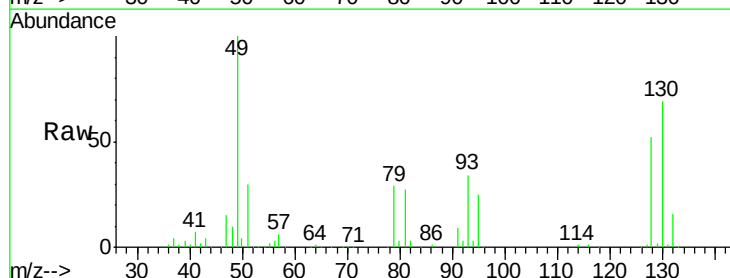
Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Tgt Ion: 57 Resp: 25452

Ion Ratio Lower Upper

57	100		
41	113.7	81.4	122.2
43	228.8	171.4	257.2
56	64.9	44.5	66.7



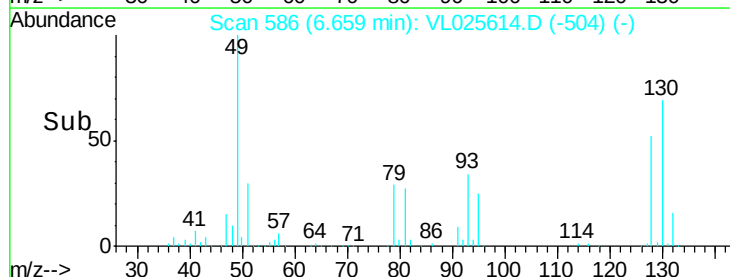
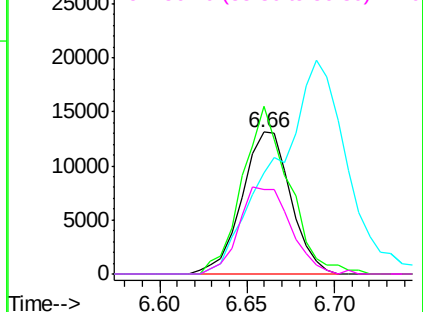
Abundance

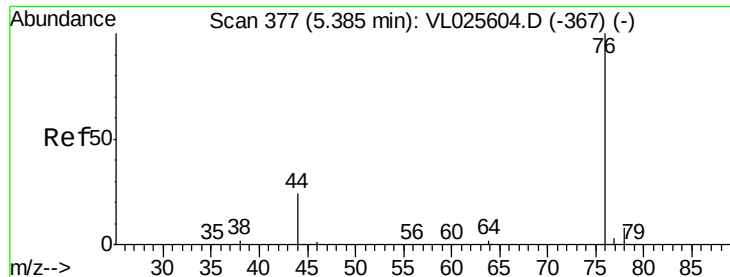
Ion 57.10 (56.80 to 57.80): VL0

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: 0.43 ppbv

RT: 5.39 min Scan# 378

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampled :

AIR-LOD

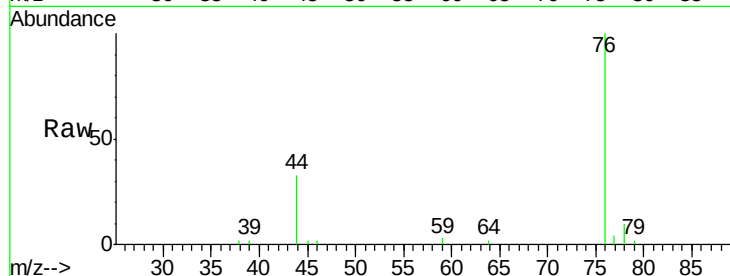
Tgt Ion: 76 Resp: 49406

Ion Ratio Lower Upper

76 100

44 38.1 20.2 30.4#

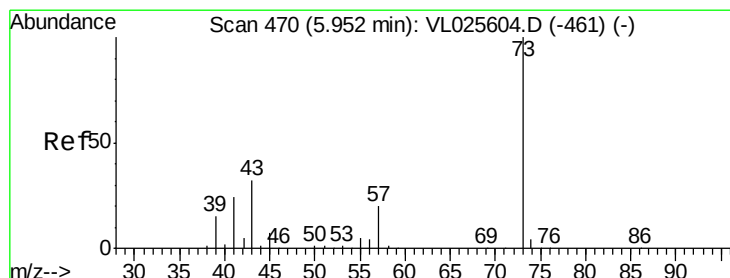
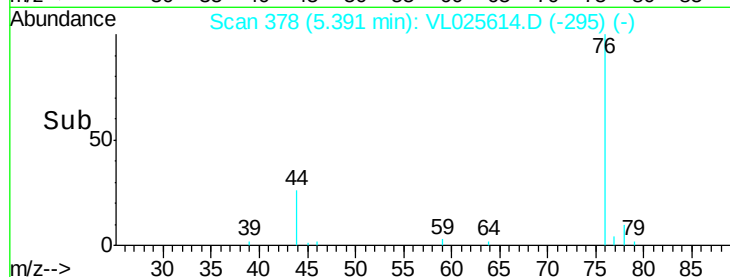
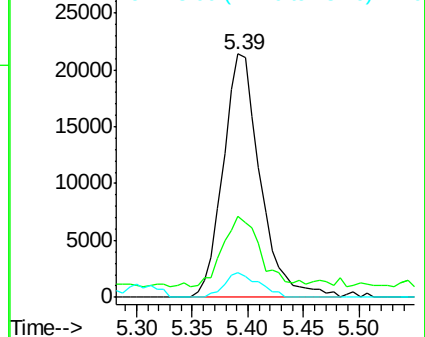
78 9.5 7.4 11.2



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: 0.33 ppbv

RT: 5.98 min Scan# 475

Delta R.T. 0.03 min

Lab File: VL025614.D

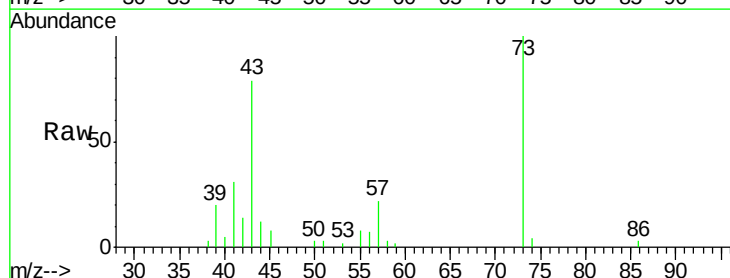
Acq: 7 Jul 2015 19:18

Tgt Ion: 73 Resp: 47226

Ion Ratio Lower Upper

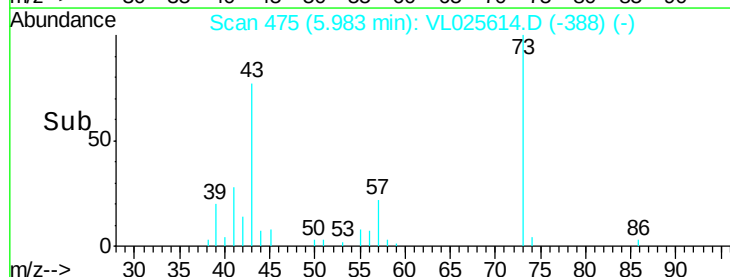
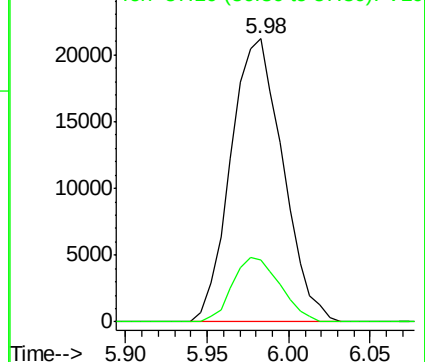
73 100

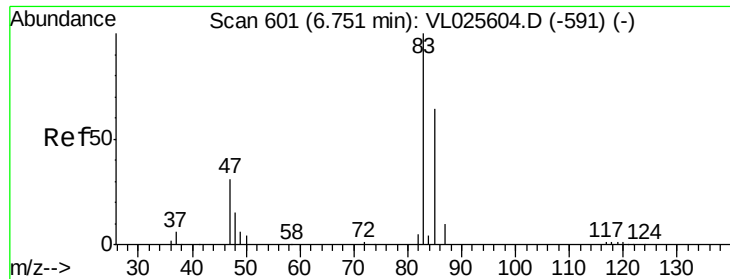
57 20.9 16.0 24.0



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

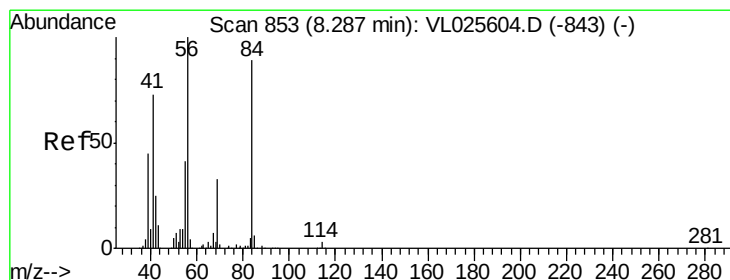
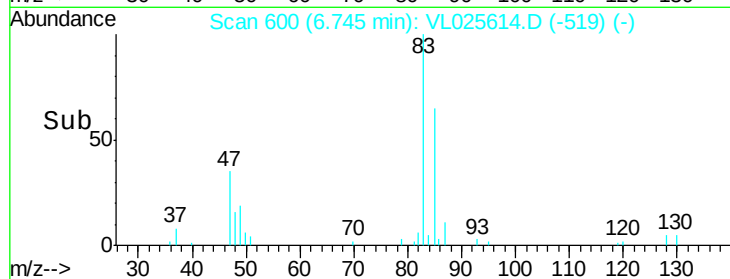
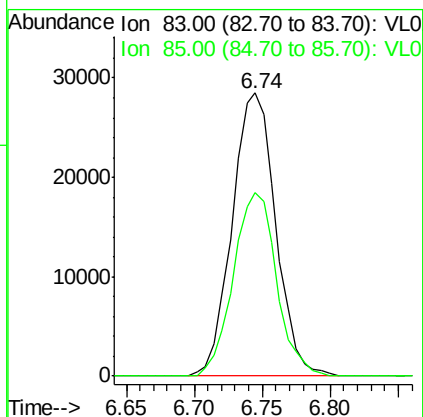
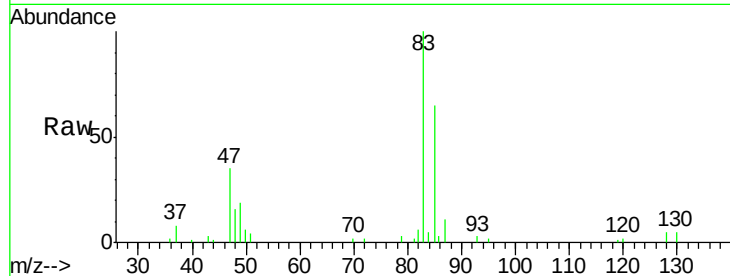




#29
Chloroform
Concen: 0.45 ppbv
RT: 6.74 min Scan# 600
Delta R.T. -0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

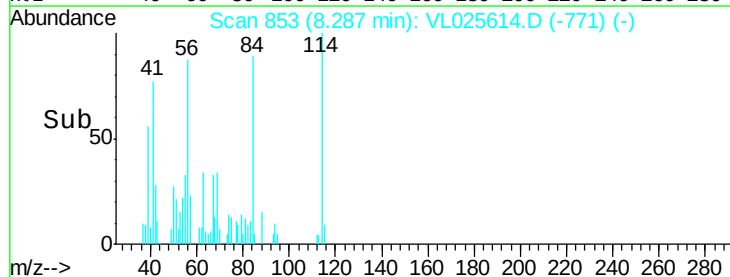
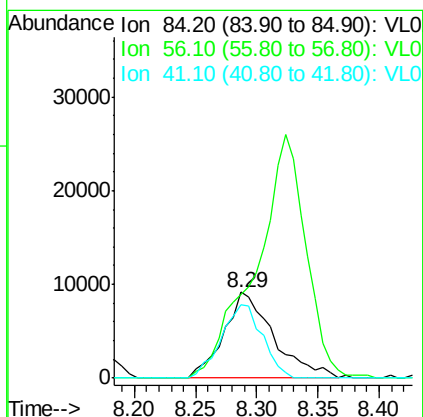
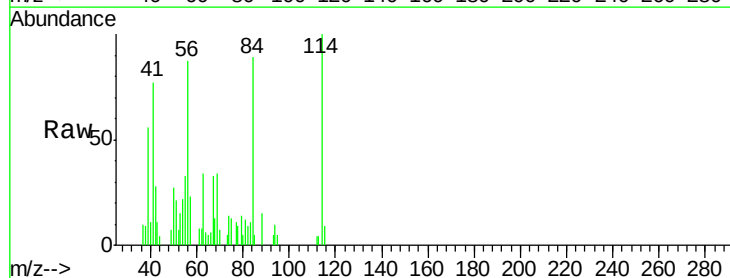
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

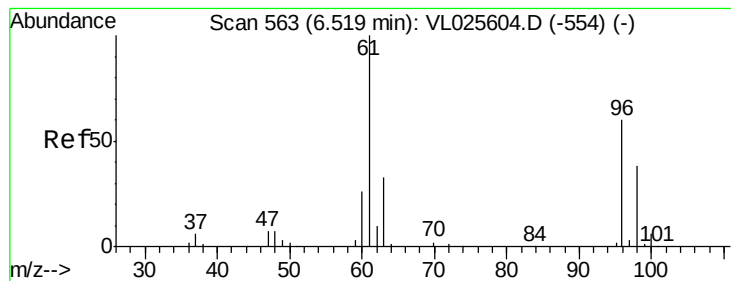
Tgt Ion: 83 Resp: 63586
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4



#30
Cyclohexane
Concen: 0.38 ppbv
RT: 8.29 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 84 Resp: 25774
Ion Ratio Lower Upper
84 100
56 288.4 97.5 146.3#
41 70.4 65.4 98.2





#31

cis-1,2-Dichloroethene

Concen: 0.34 ppbv

RT: 6.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

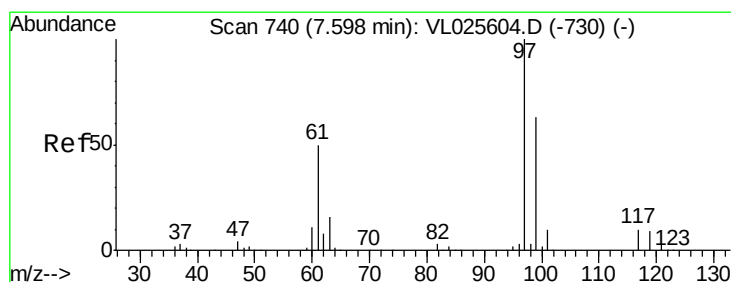
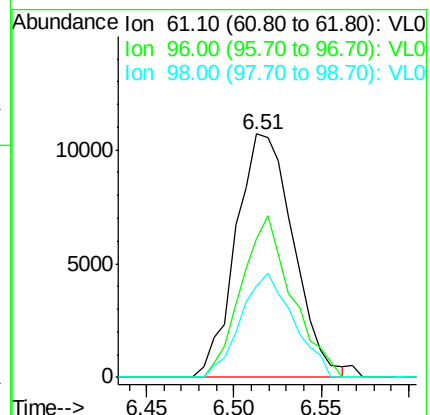
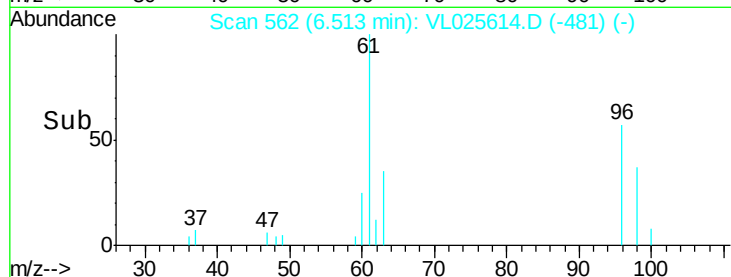
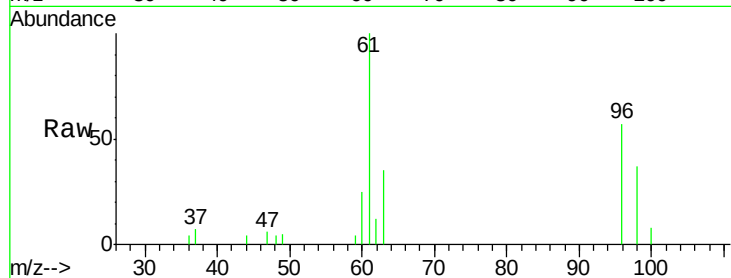
Tgt Ion: 61 Resp: 24415

Ion Ratio Lower Upper

61 100

96 56.8 48.1 72.1

98 37.2 30.7 46.1



#32

1,1,1-Trichloroethane

Concen: 0.42 ppbv

RT: 7.59 min Scan# 739

Delta R.T. -0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

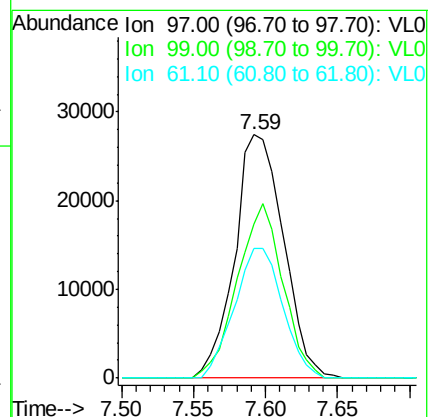
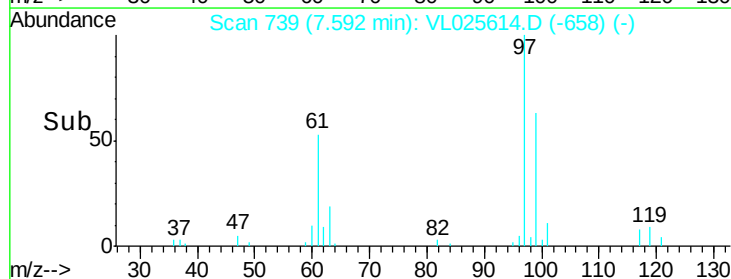
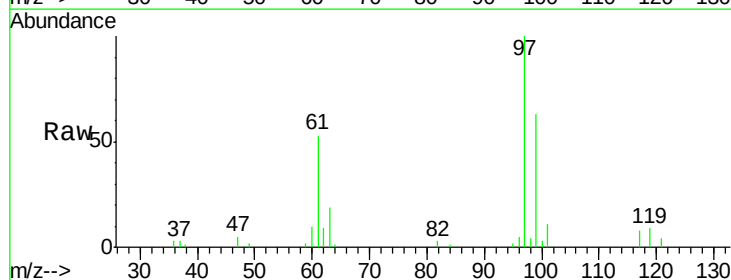
Tgt Ion: 97 Resp: 64598

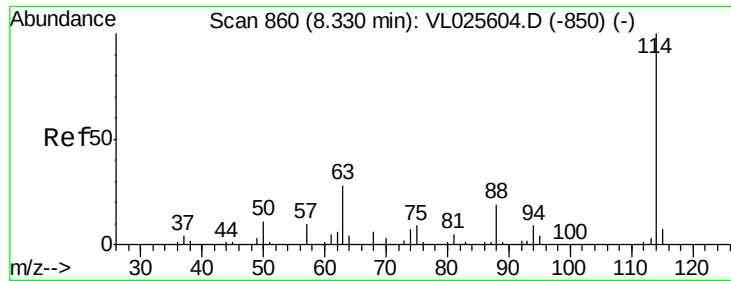
Ion Ratio Lower Upper

97 100

99 67.0 51.2 76.8

61 53.0 40.4 60.6

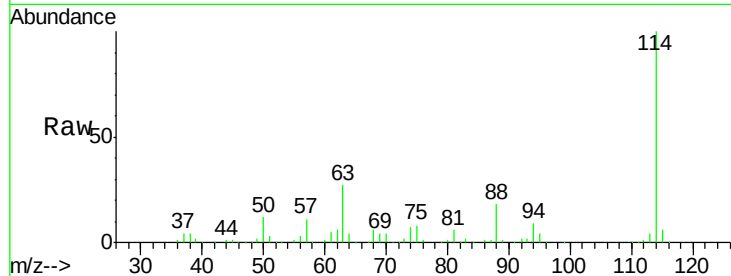




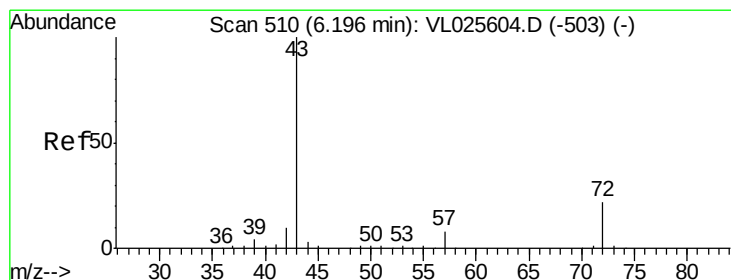
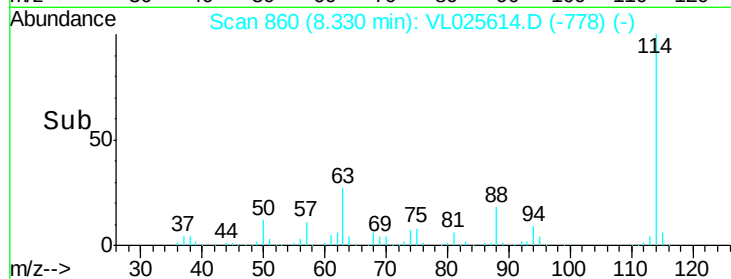
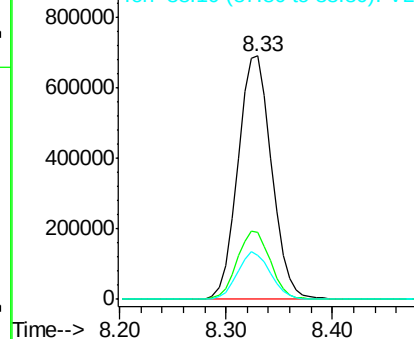
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.33 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Tgt Ion:114 Resp: 1541589
 Ion Ratio Lower Upper
 114 100
 63 28.1 22.4 33.6
 88 19.1 15.0 22.4

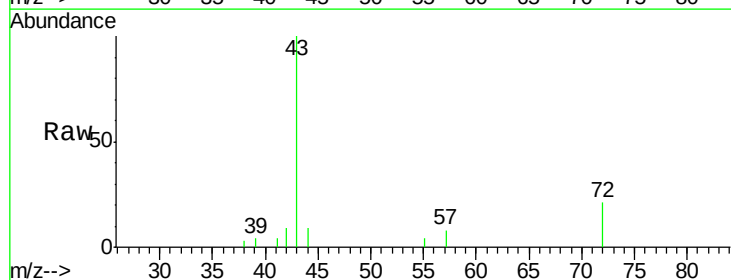


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

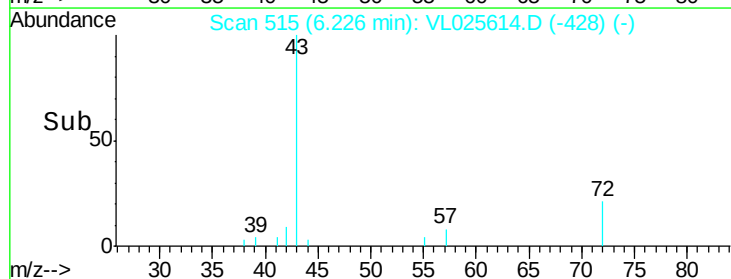
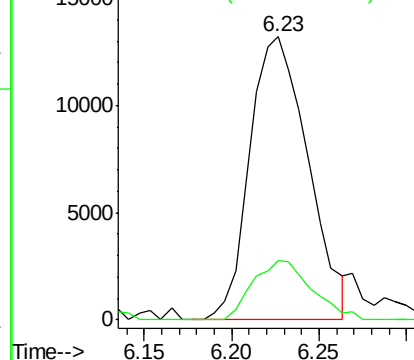


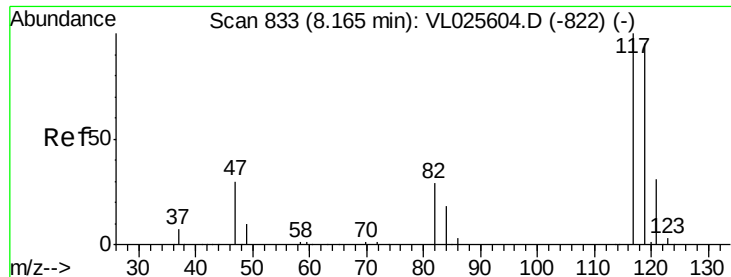
#34
 2-Butanone
 Concen: 0.35 ppbv
 RT: 6.23 min Scan# 515
 Delta R.T. 0.03 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 43 Resp: 30785
 Ion Ratio Lower Upper
 43 100
 72 21.2 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: 0.43 ppbv

RT: 8.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

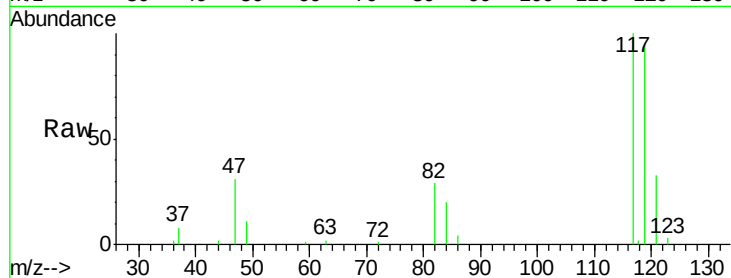
Tgt Ion:117 Resp: 70673

Ion Ratio Lower Upper

117 100

119 94.6 75.9 113.9

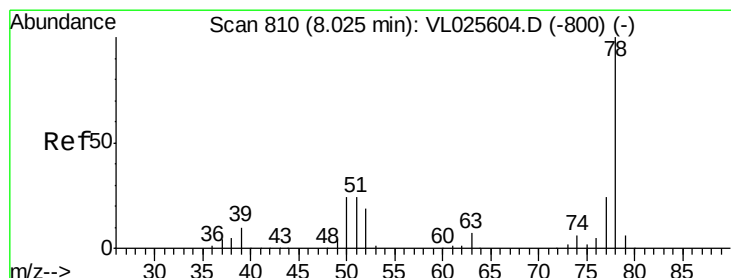
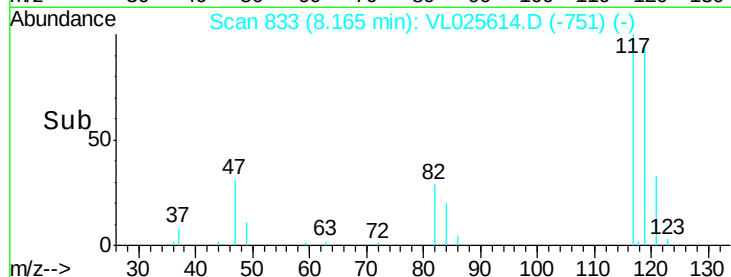
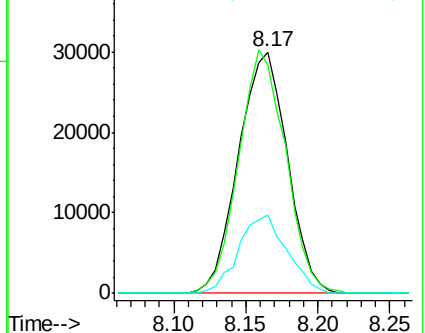
121 32.8 24.4 36.6



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: 0.35 ppbv

RT: 8.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

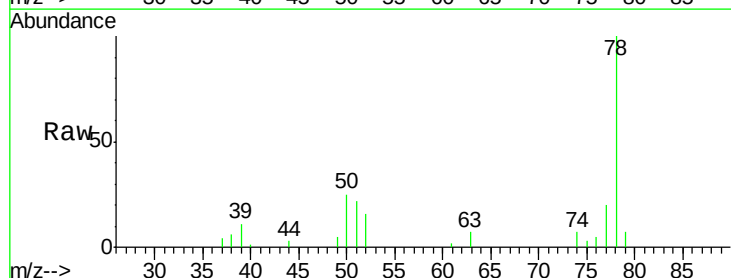
Tgt Ion: 78 Resp: 51608

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.4

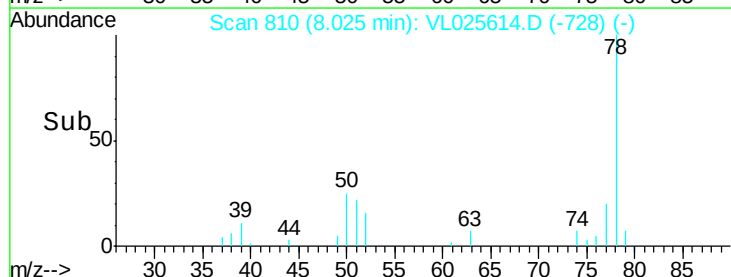
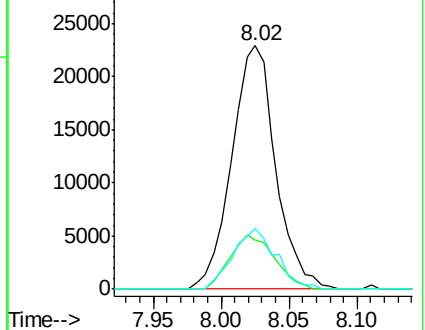
50 25.0 19.2 28.8

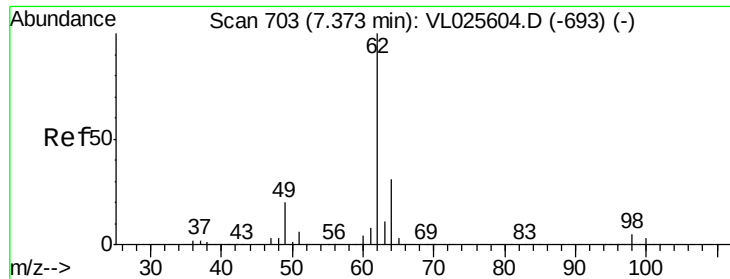


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

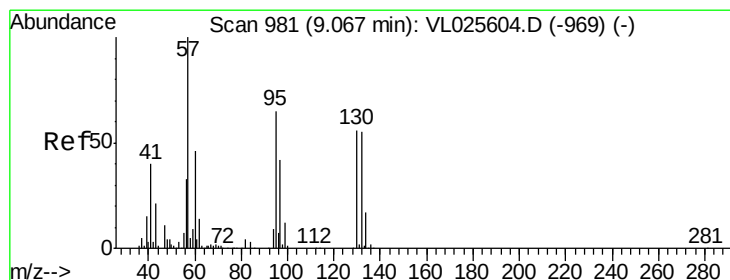
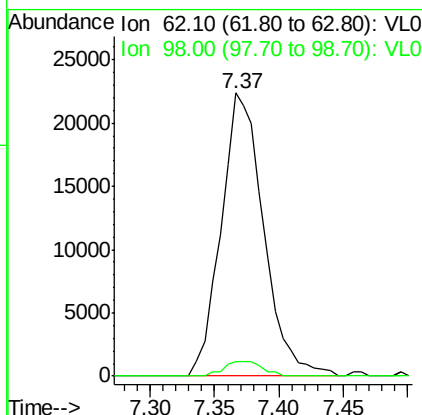
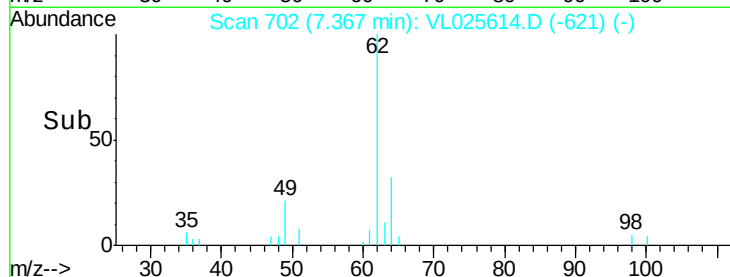
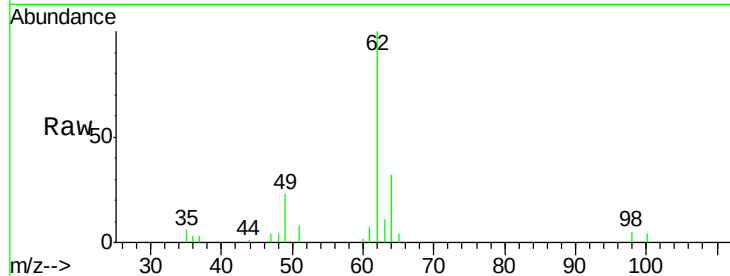




#37
 1,2-Dichloroethane
 Concen: 0.41 ppbv
 RT: 7.37 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

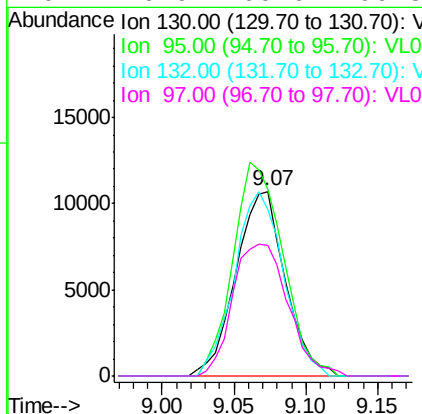
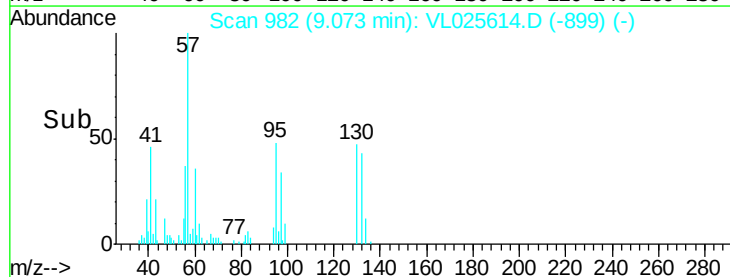
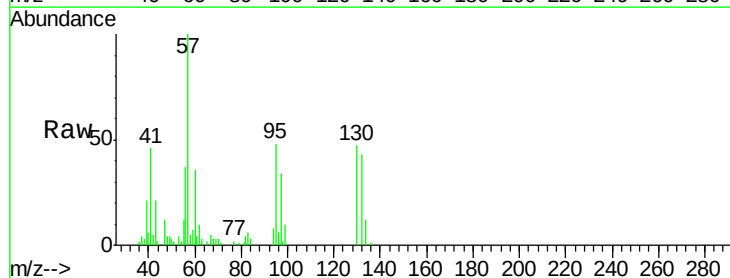
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

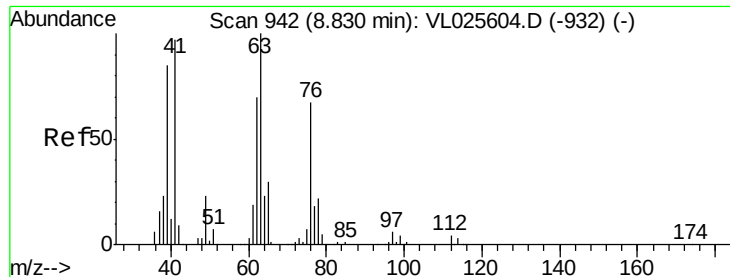
Tgt Ion: 62 Resp: 51507
 Ion Ratio Lower Upper
 62 100
 98 4.7 4.1 6.1



#38
 Trichloroethene
 Concen: 0.37 ppbv
 RT: 9.07 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 130 Resp: 25519
 Ion Ratio Lower Upper
 130 100
 95 101.2 94.2 141.4
 132 90.4 78.6 118.0
 97 70.9 60.6 90.8





#39

1,2-Dichloropropane

Concen: 0.37 ppbv

RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampled :

AIR-LOD

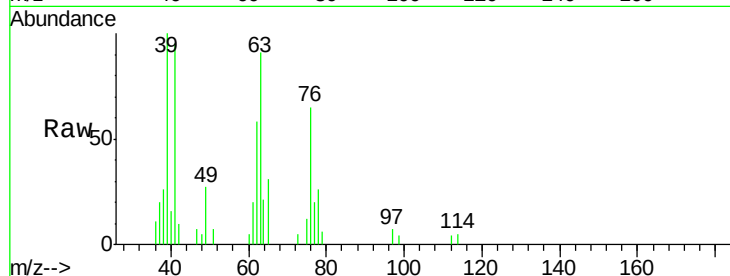
Tgt Ion: 63 Resp: 19974

Ion Ratio Lower Upper

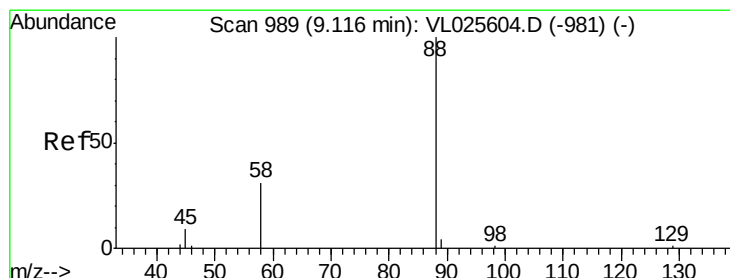
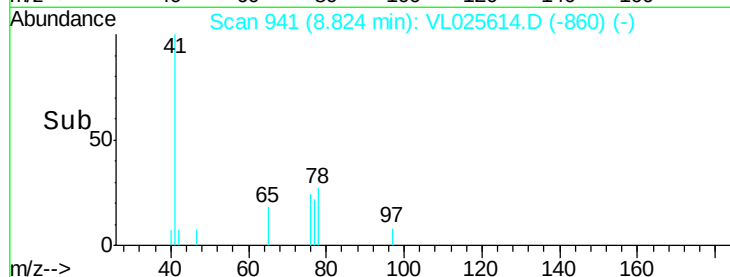
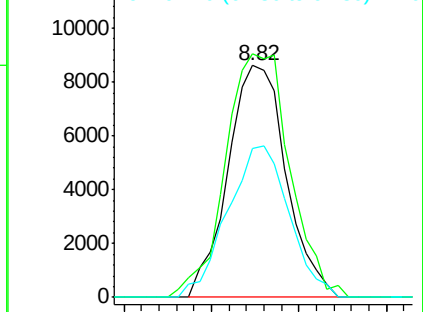
63 100

41 99.8 78.0 117.0

62 64.5 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: 0.14 ppbv

RT: 9.21 min Scan# 1005

Delta R.T. 0.10 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Tgt Ion: 88 Resp: 1204

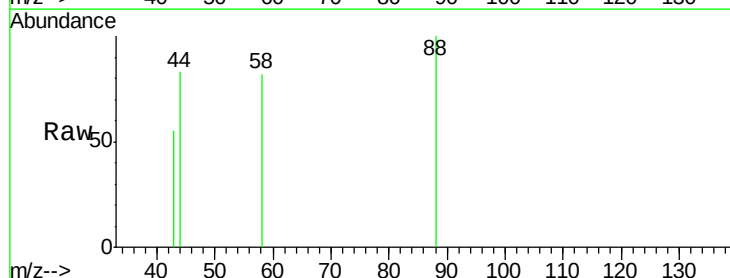
Ion Ratio Lower Upper

88 100

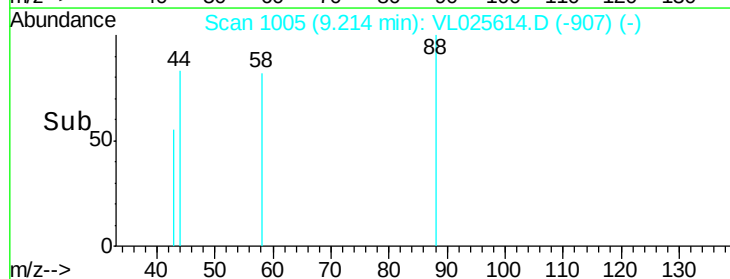
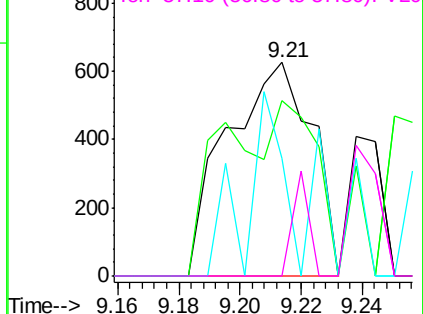
58 137.2 127.1 190.7

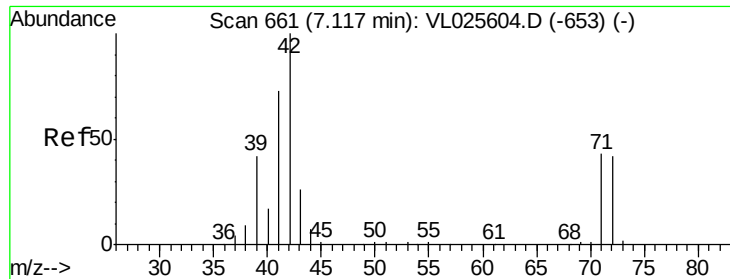
43 0.0 337.7 506.5#

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

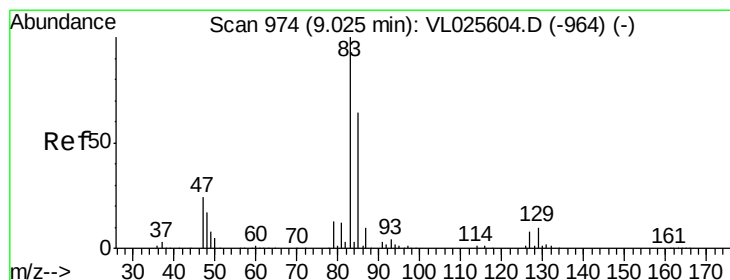
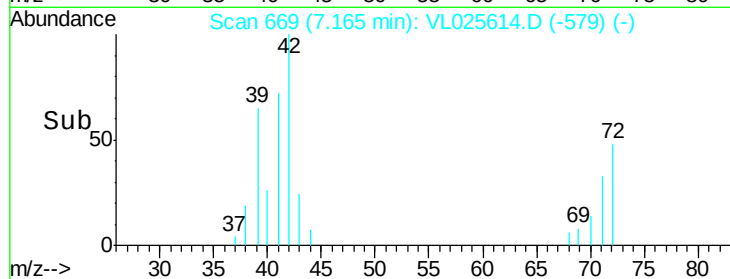
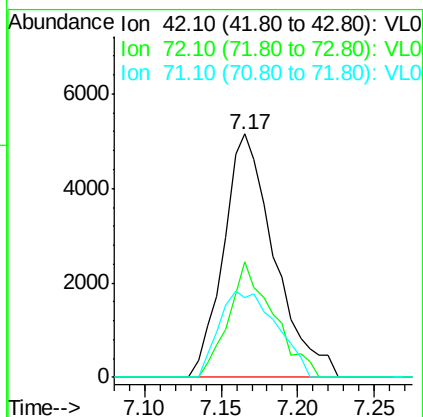
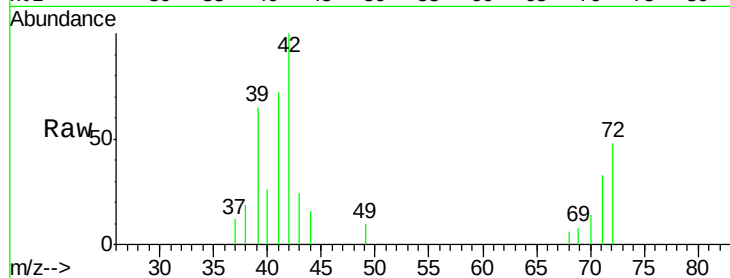




#41
Tetrahydrofuran
Concen: 0.27 ppbv
RT: 7.17 min Scan# 669
Delta R.T. 0.05 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

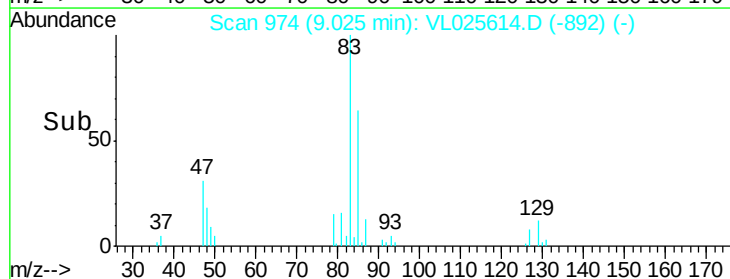
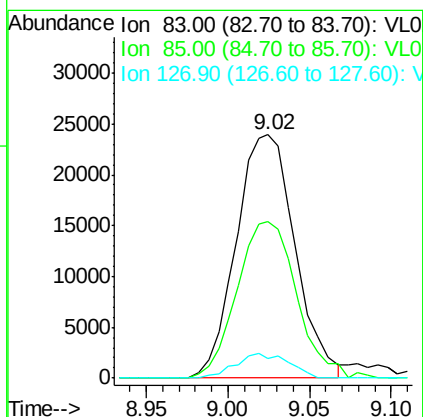
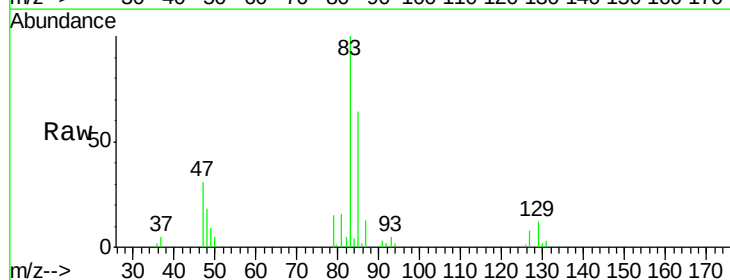
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

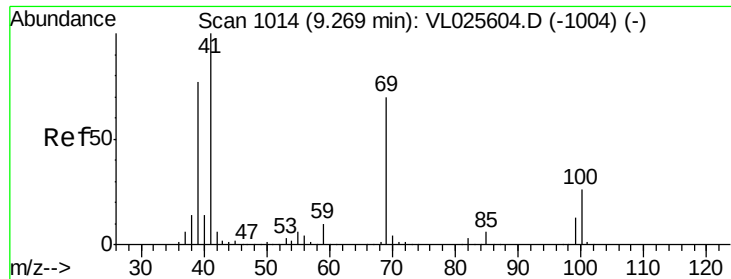
Tgt Ion: 42 Resp: 11924
Ion Ratio Lower Upper
42 100
72 41.9 34.0 51.0
71 39.8 33.0 49.6



#42
Bromodichloromethane
Concen: 0.39 ppbv
RT: 9.02 min Scan# 974
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 83 Resp: 59971
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9
127 8.0 6.0 9.0

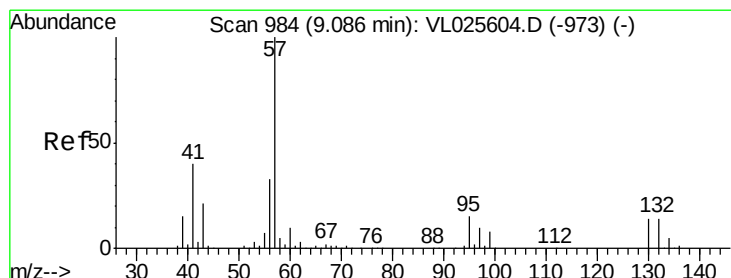
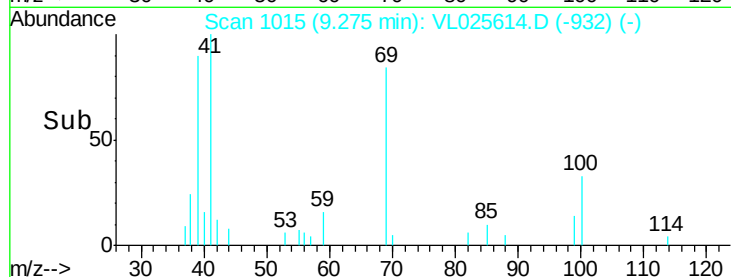
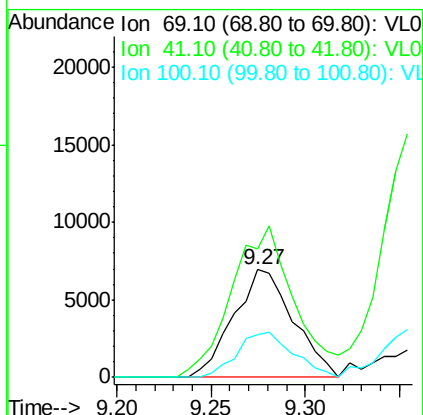
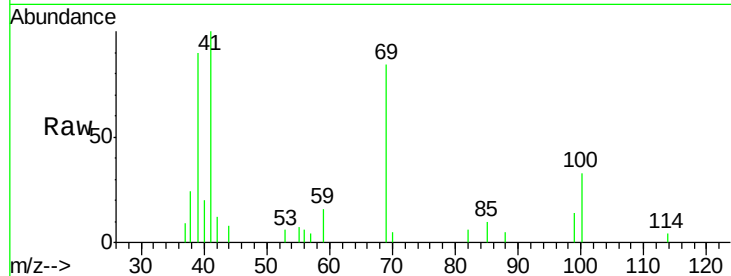




#43
Methyl Methacrylate
Concen: 0.27 ppbv
RT: 9.27 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

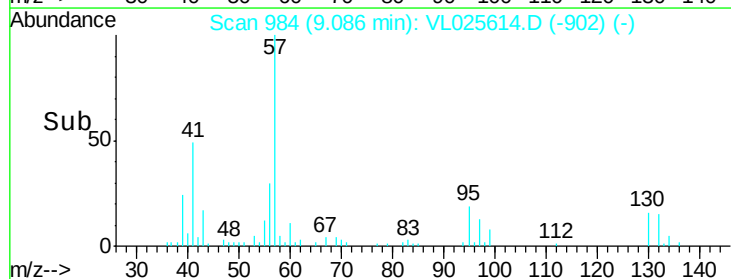
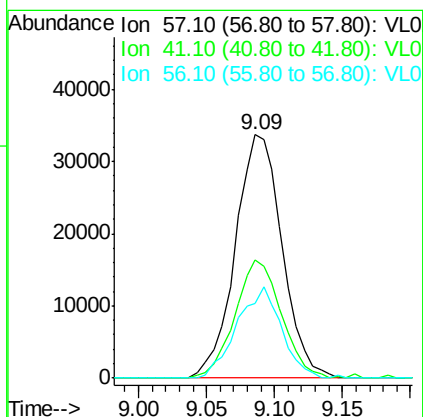
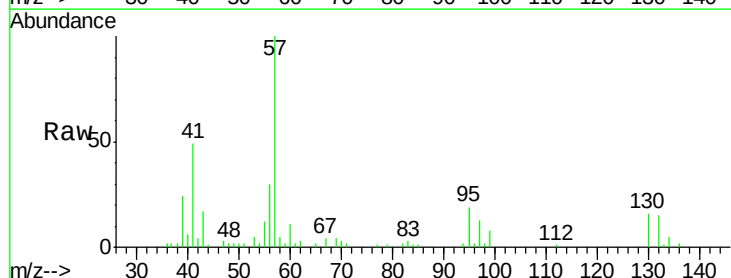
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

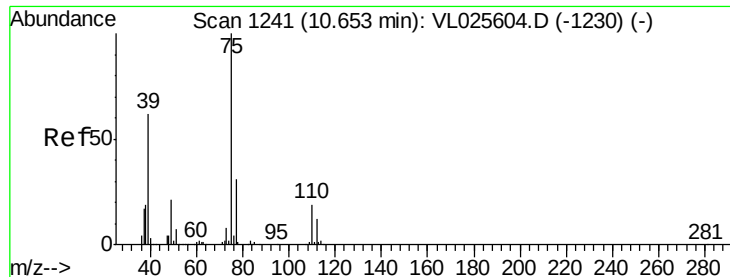
Tgt Ion: 69 Resp: 15261
Ion Ratio Lower Upper
69 100
41 148.1 117.3 175.9
100 39.3 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 0.32 ppbv
RT: 9.09 min Scan# 984
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 57 Resp: 81143
Ion Ratio Lower Upper
57 100
41 48.4 31.2 46.8#
56 35.7 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.27 ppbv

RT: 10.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

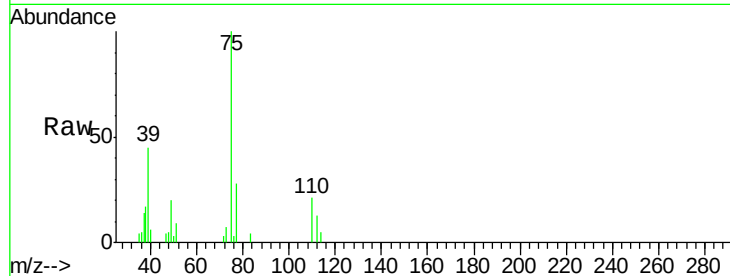
AIR-LOD

Tgt Ion: 75 Resp: 25328

Ion Ratio Lower Upper

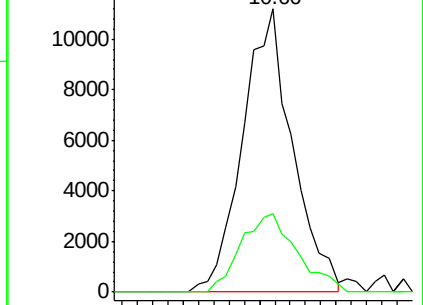
75 100

77 27.8 24.6 37.0

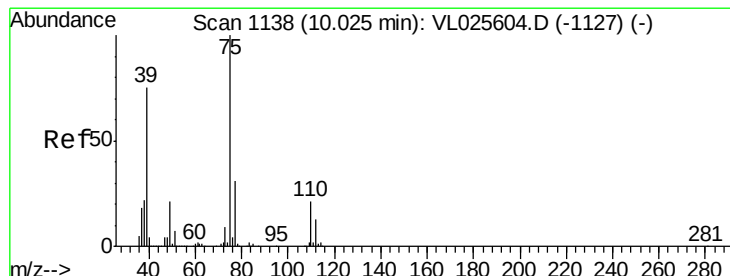
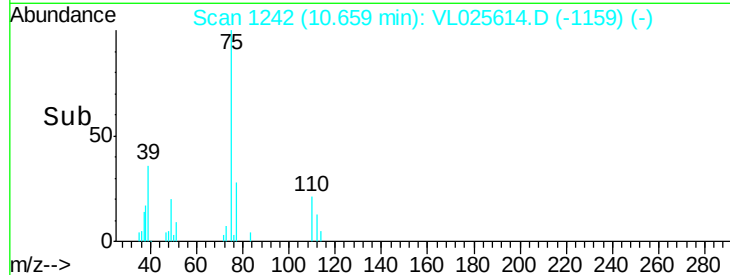


Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



Time-->



#46

cis-1,3-Dichloropropene

Concen: 0.28 ppbv

RT: 10.02 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

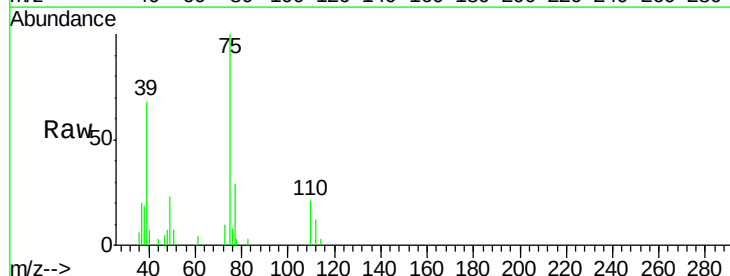
Tgt Ion: 75 Resp: 29899

Ion Ratio Lower Upper

75 100

39 68.5 60.4 90.6

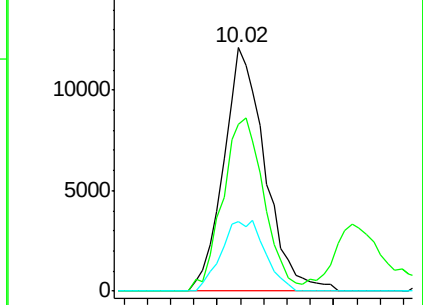
77 28.7 24.6 37.0



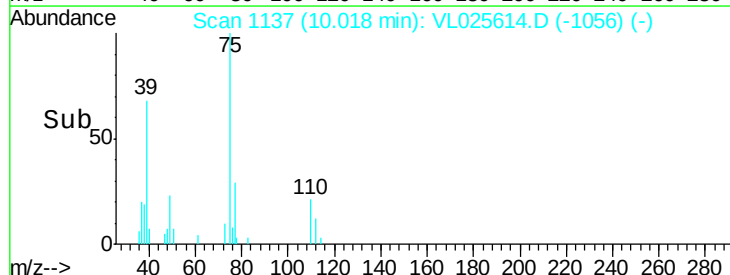
Abundance Ion 75.00 (74.70 to 75.70): VL0

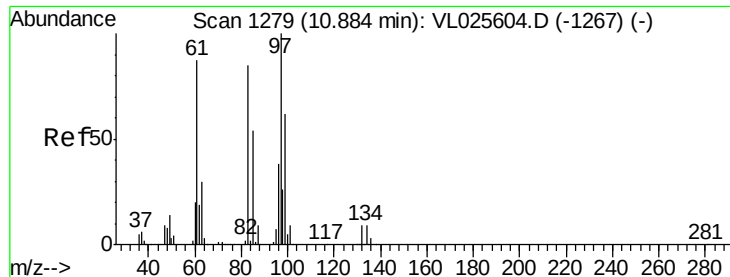
Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



Time-->

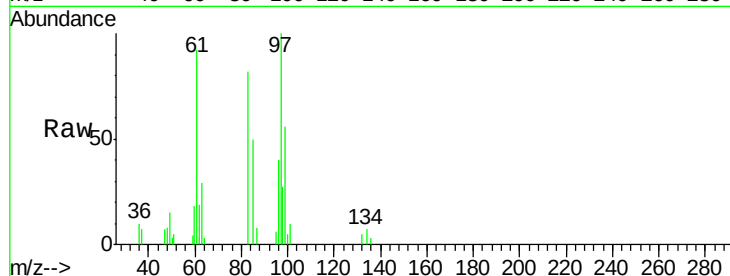




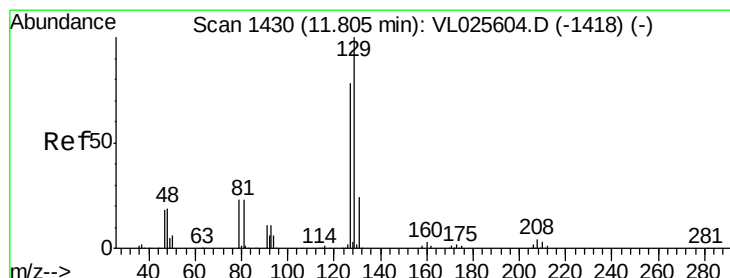
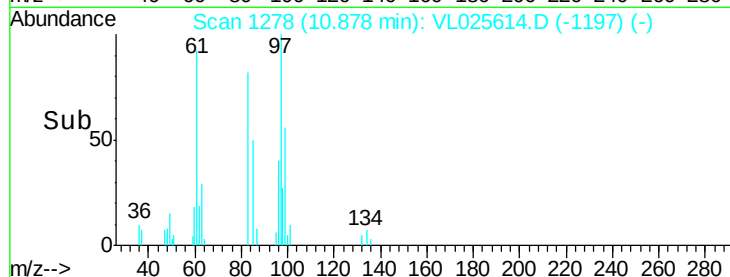
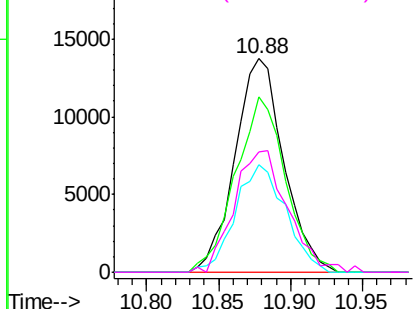
#47
 1,1,2-Trichloroethane
 Concen: 0.43 ppbv
 RT: 10.88 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Tgt Ion: 97 Resp: 32326
 Ion Ratio Lower Upper
 97 100
 83 81.9 67.8 101.8
 85 50.5 43.5 65.3
 99 56.1 49.8 74.8

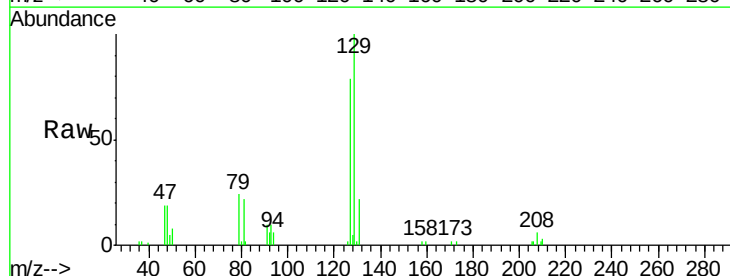


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

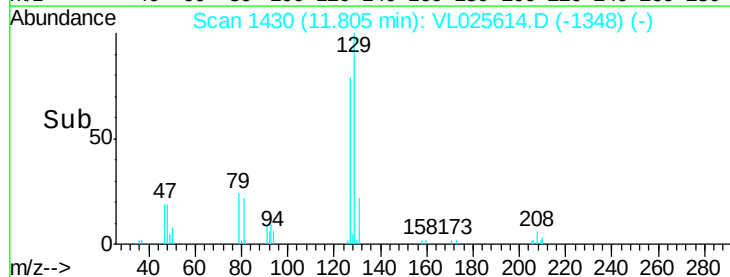
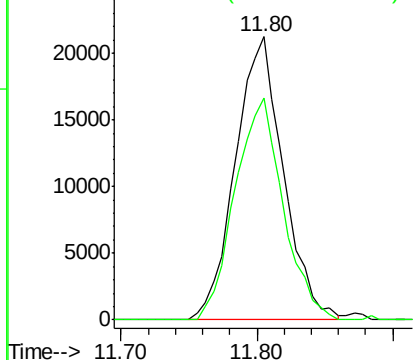


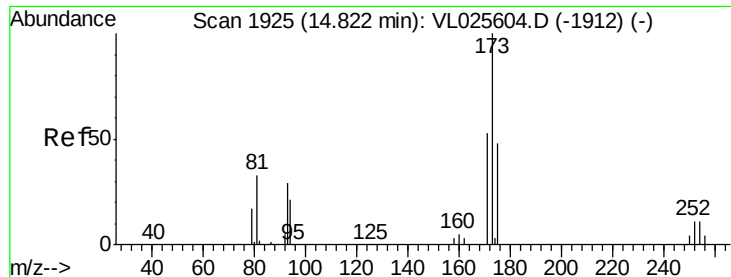
#48
 Dibromochloromethane
 Concen: 0.38 ppbv
 RT: 11.80 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 129 Resp: 52223
 Ion Ratio Lower Upper
 129 100
 127 78.8 39.0 116.9



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





#49

Bromoform

Concen: 0.38 ppbv

RT: 14.82 min Scan# 1924

Delta R.T. -0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

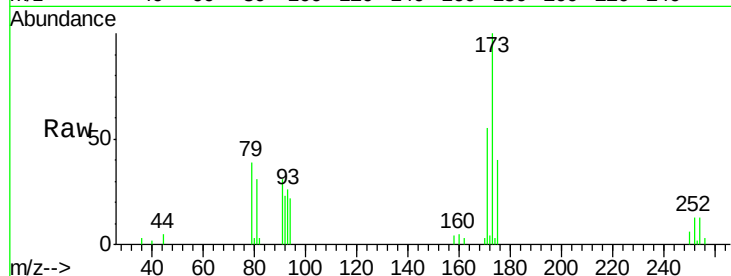
Tgt Ion: 173 Resp: 43079

Ion Ratio Lower Upper

173 100

175 48.7 39.5 59.3

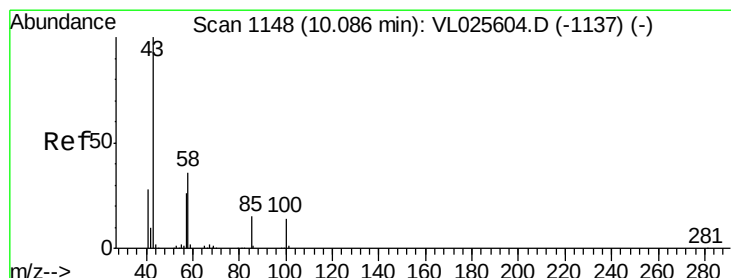
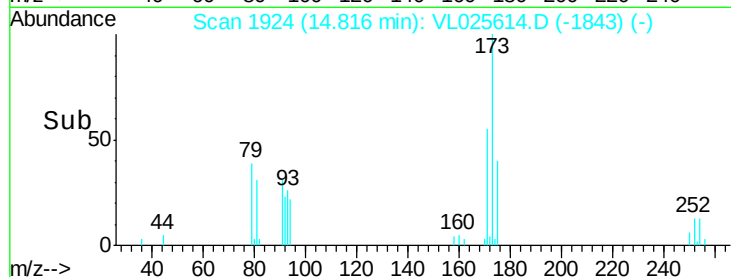
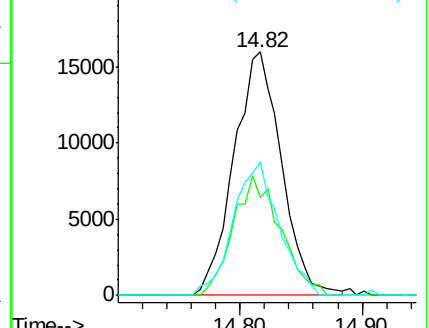
171 52.6 42.2 63.2



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: 0.28 ppbv

RT: 10.12 min Scan# 1154

Delta R.T. 0.04 min

Lab File: VL025614.D

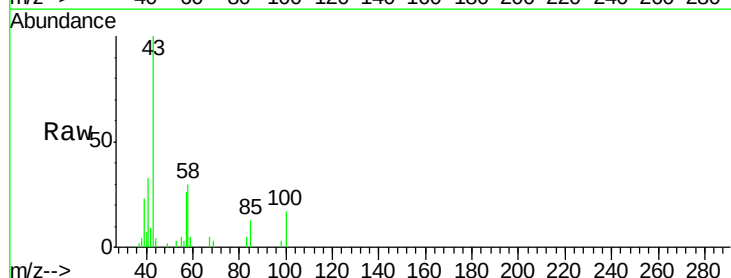
Acq: 7 Jul 2015 19:18

Tgt Ion: 43 Resp: 35200

Ion Ratio Lower Upper

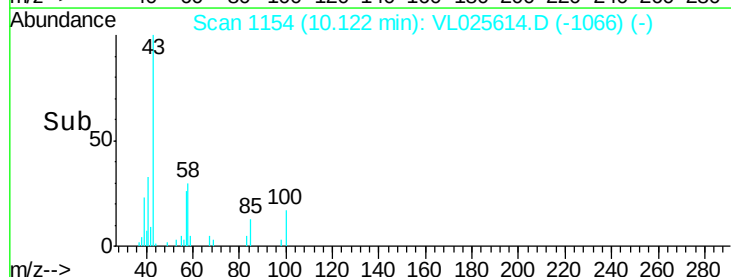
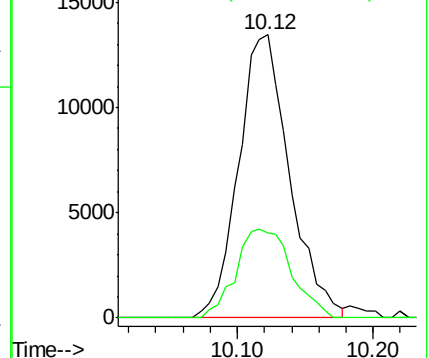
43 100

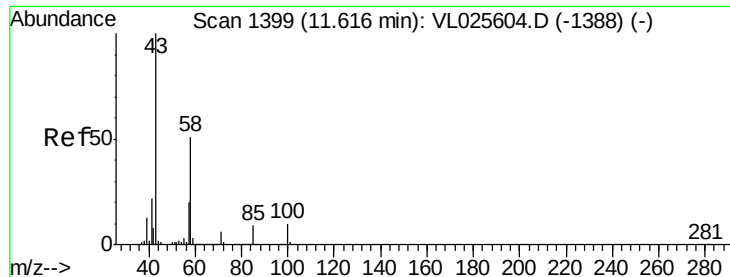
58 34.1 28.5 42.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

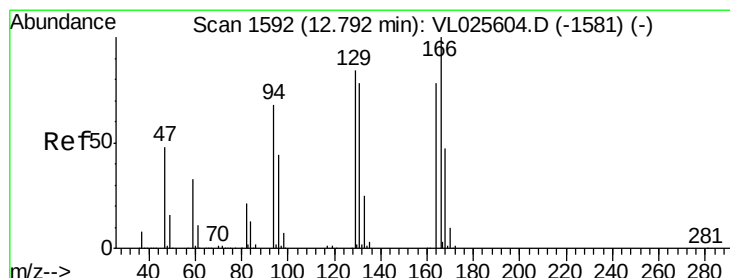
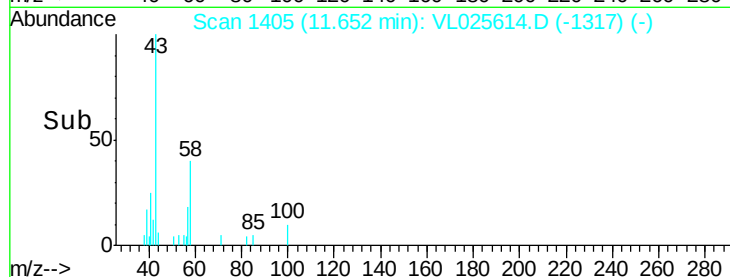
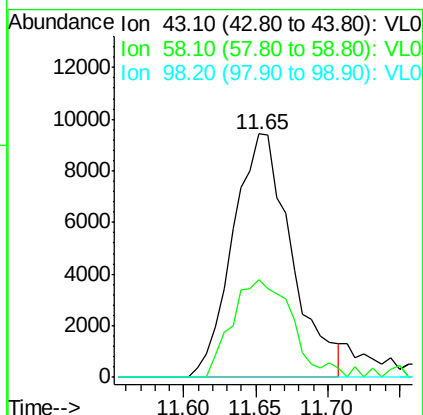
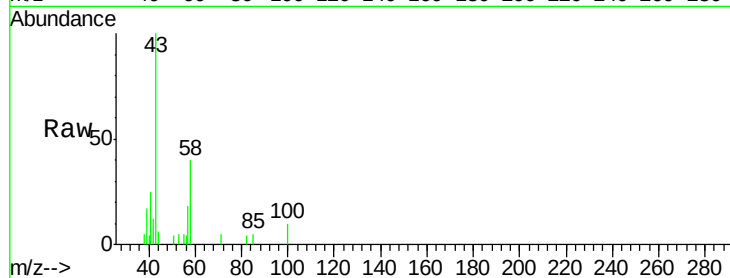




#51
 2-Hexanone
 Concen: 0.24 ppbv
 RT: 11.65 min Scan# 1405
 Delta R.T. 0.04 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

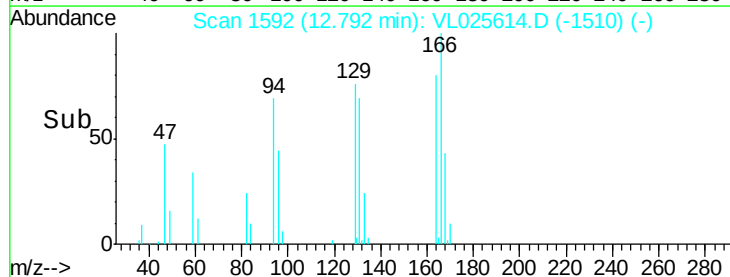
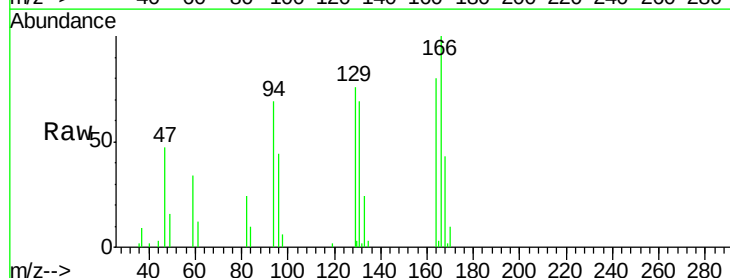
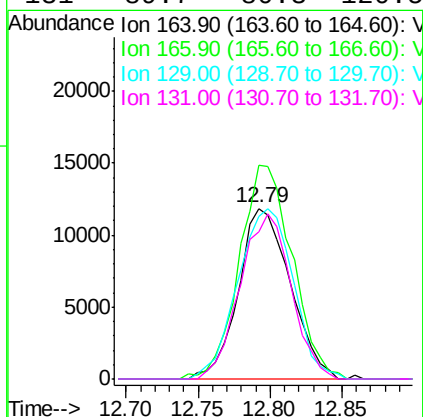
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

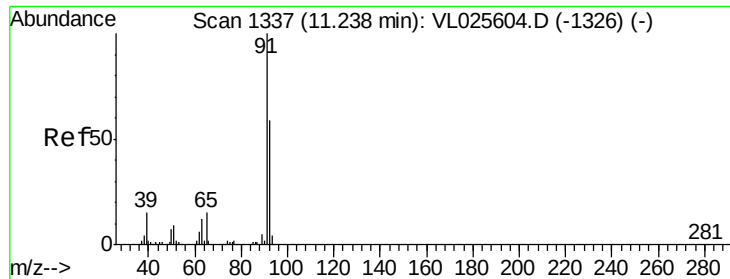
Tgt Ion: 43 Resp: 26675
 Ion Ratio Lower Upper
 43 100
 58 43.2 39.0 58.6
 98 0.0 0.2 0.4#



#52
 Tetrachloroethene
 Concen: 0.40 ppbv
 RT: 12.79 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 164 Resp: 29659
 Ion Ratio Lower Upper
 164 100
 166 122.5 102.3 153.5
 129 99.5 86.2 129.4
 131 89.7 80.3 120.5





#53

Toluene

Concen: 0.28 ppbv

RT: 11.24 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

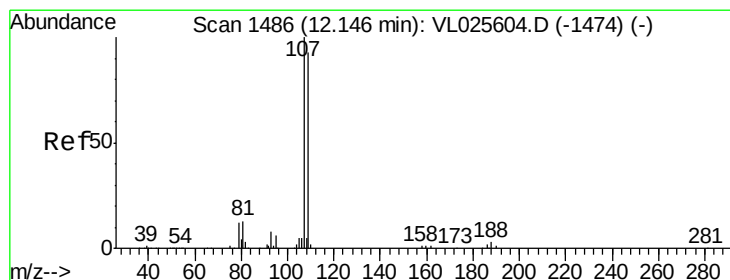
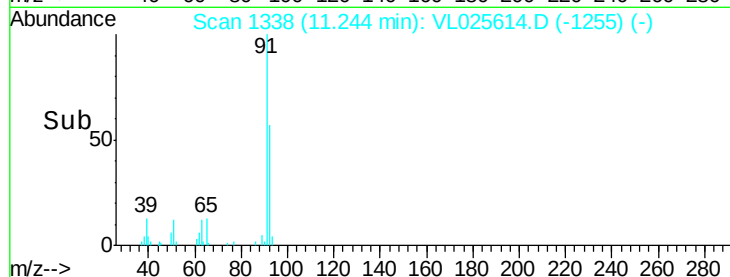
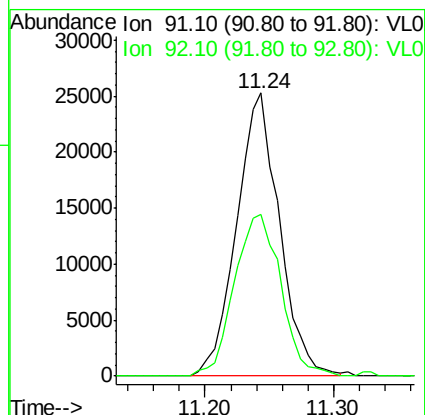
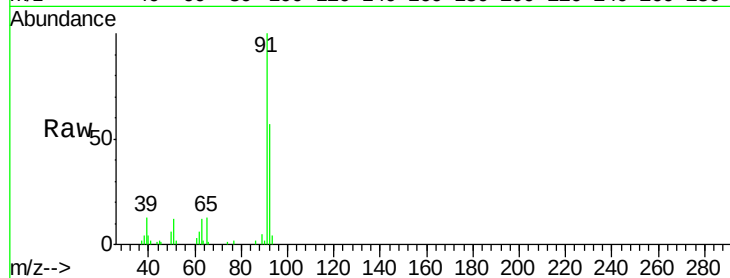
AIR-LOD

Tgt Ion: 91 Resp: 58209

Ion Ratio Lower Upper

91 100

92 62.4 48.2 72.2



#54

1,2-Dibromoethane

Concen: 0.40 ppbv

RT: 12.15 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VL025614.D

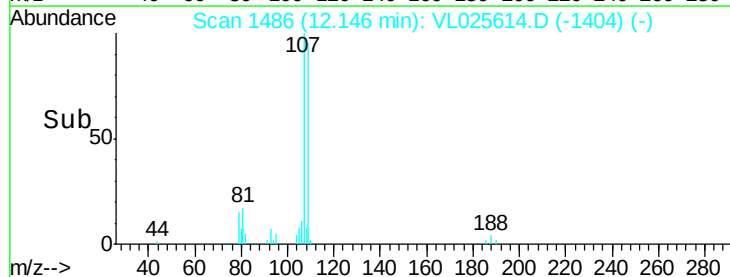
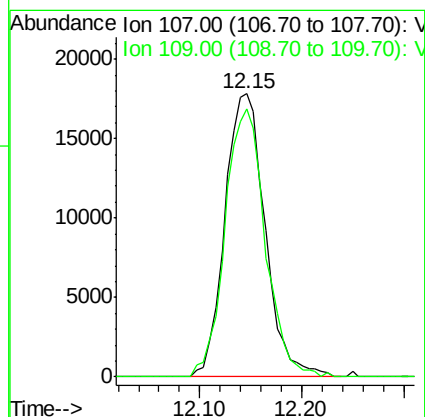
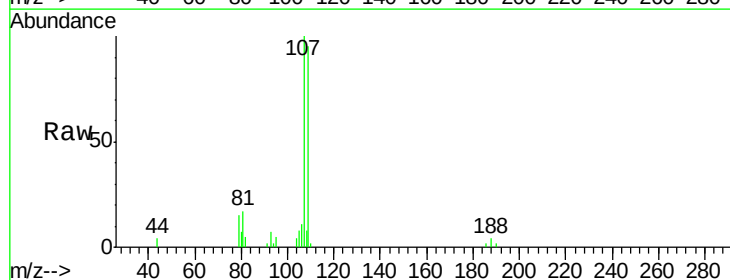
Acq: 7 Jul 2015 19:18

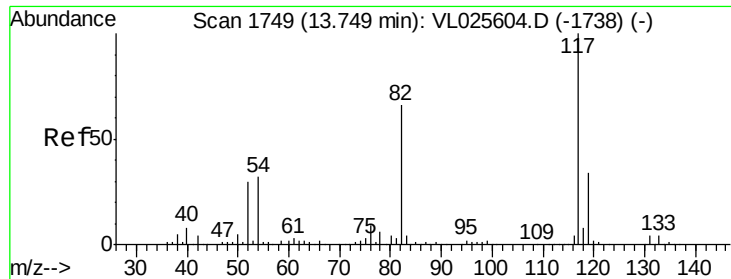
Tgt Ion: 107 Resp: 48638

Ion Ratio Lower Upper

107 100

109 94.7 74.1 111.1

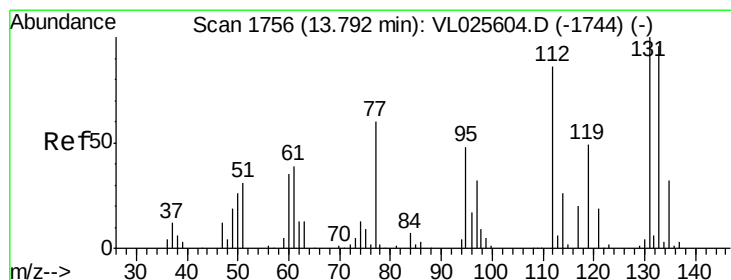
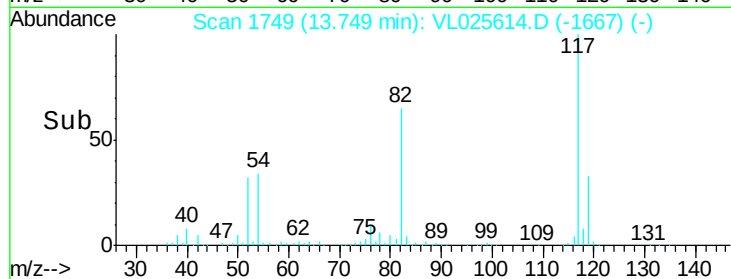
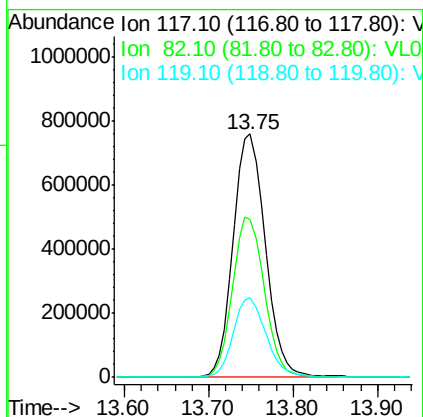
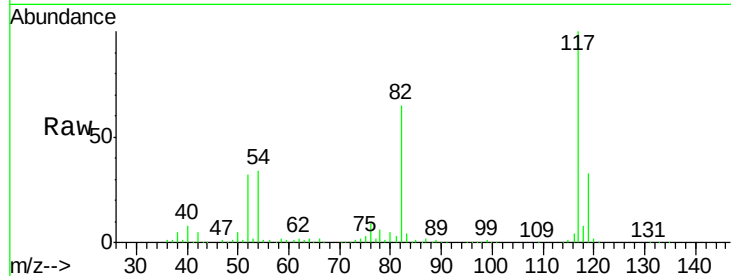




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

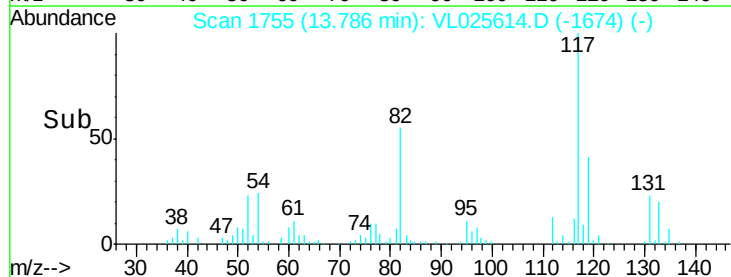
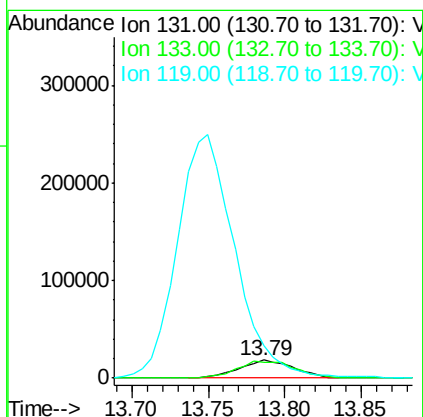
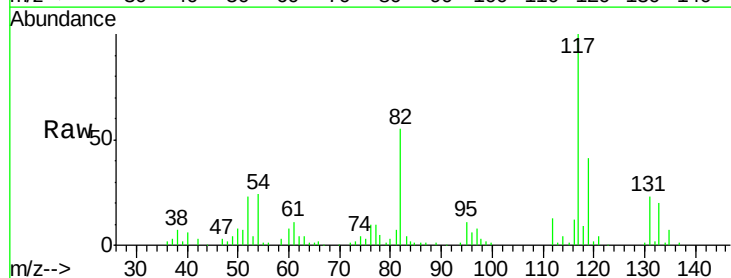
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

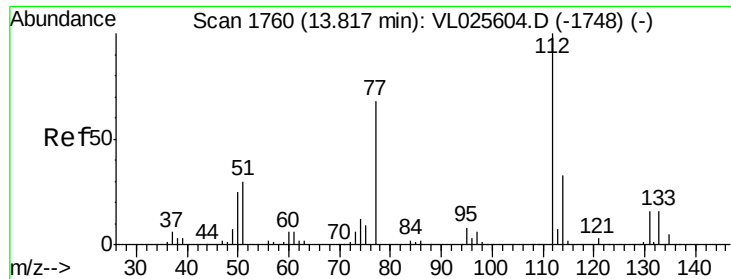
Tgt Ion:117 Resp: 1972132
Ion Ratio Lower Upper
117 100
82 65.4 50.5 75.7
119 33.5 45.1 67.7#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.44 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion:131 Resp: 46550
Ion Ratio Lower Upper
131 100
133 98.5 76.9 115.3
119 1420.6 97.8 146.8#

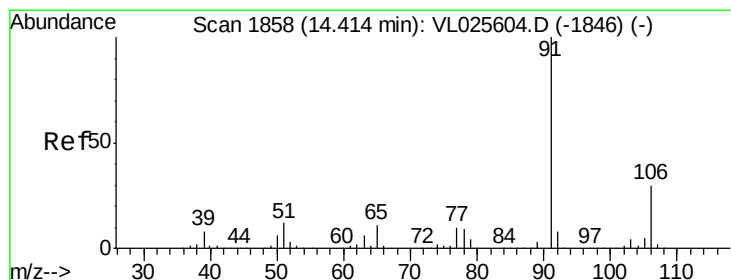
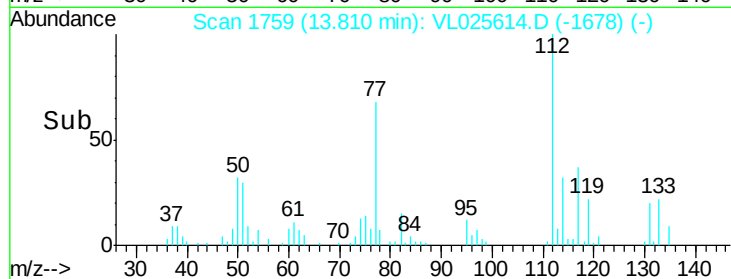
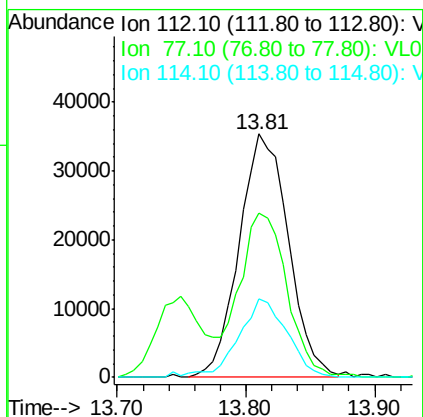
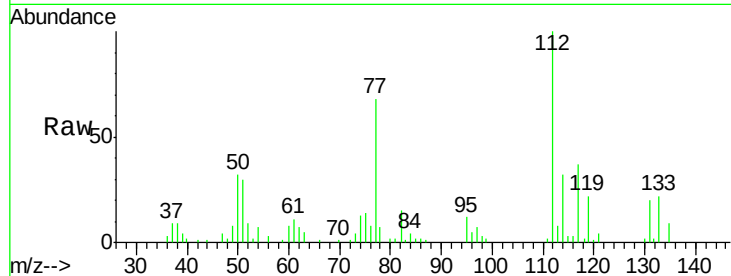




#57
Chlorobenzene
Concen: 0.45 ppbv
RT: 13.81 min Scan# 1759
Delta R.T. -0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

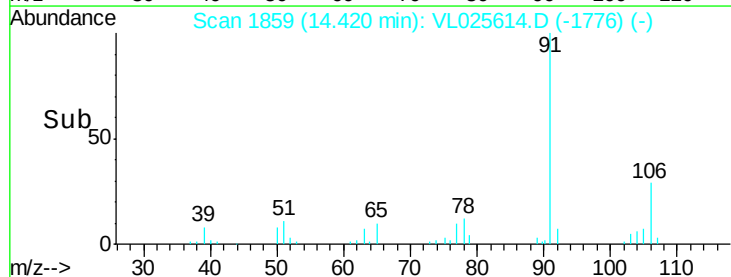
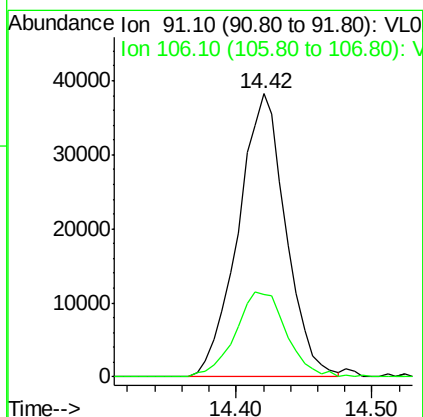
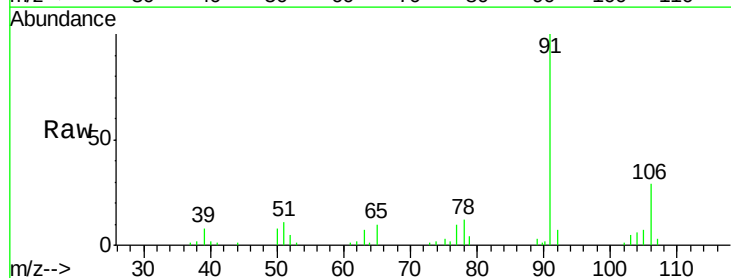
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

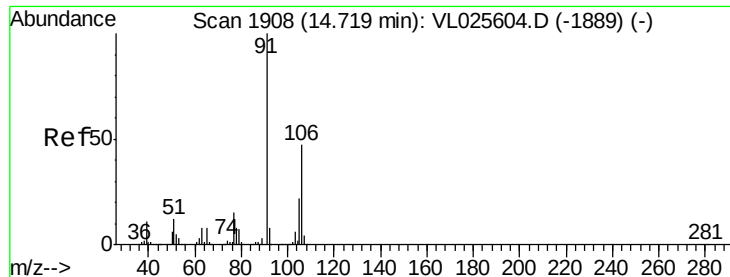
Tgt Ion: 112 Resp: 93859
Ion Ratio Lower Upper
112 100
77 65.9 55.2 82.8
114 32.8 29.4 36.0



#58
Ethyl Benzene
Concen: 0.29 ppbv
RT: 14.42 min Scan# 1859
Delta R.T. 0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion: 91 Resp: 93547
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2





#59

m/p-Xylene

Concen: 0.70 ppbv

RT: 14.72 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

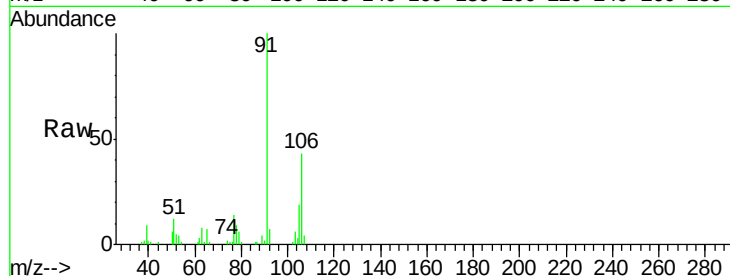
AIR-LOD

Tgt Ion: 91 Resp: 199619

Ion Ratio Lower Upper

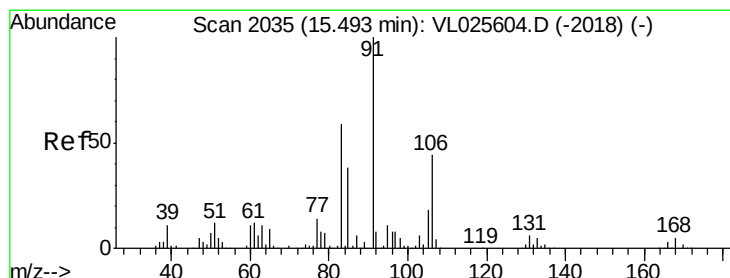
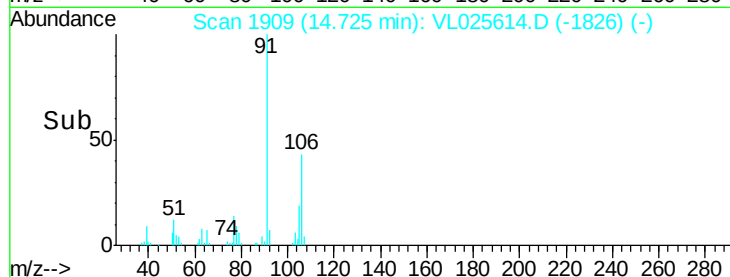
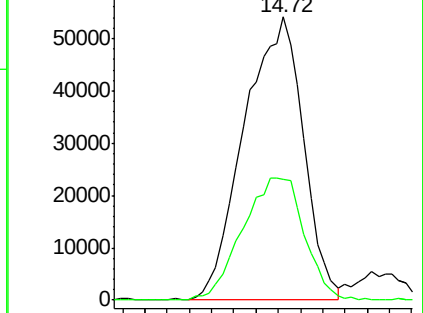
91 100

106 45.1 37.9 56.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.36 ppbv

RT: 15.49 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VL025614.D

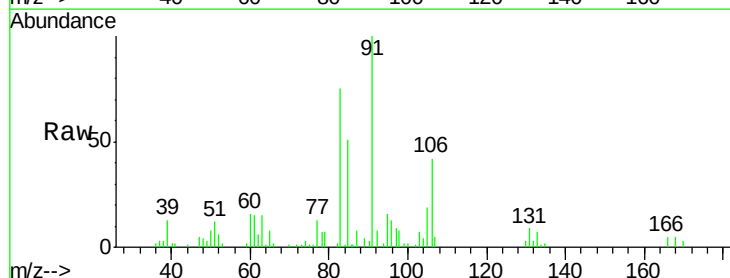
Acq: 7 Jul 2015 19:18

Tgt Ion: 91 Resp: 110571

Ion Ratio Lower Upper

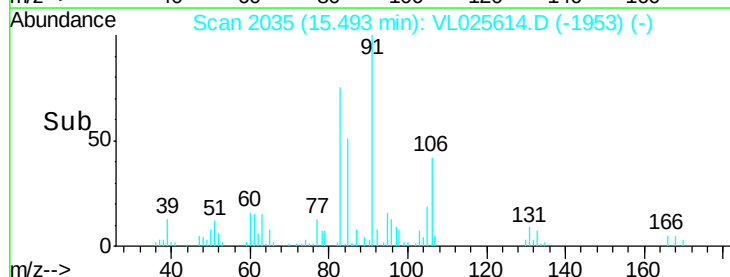
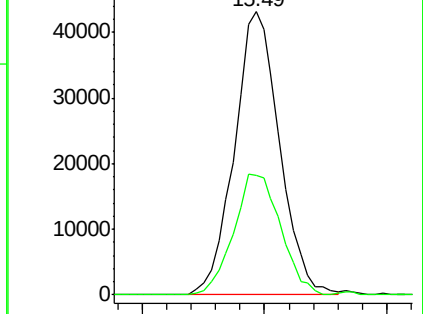
91 100

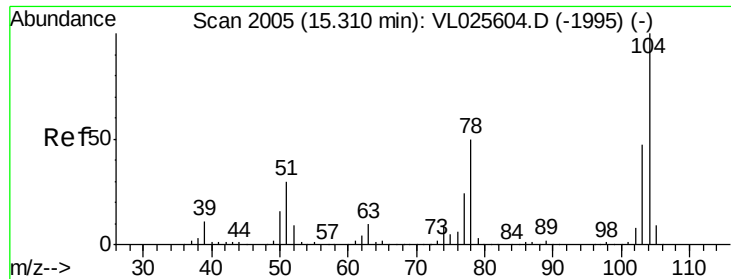
106 44.8 22.1 66.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#61

Styrene

Concen: 0.23 ppbv

RT: 15.32 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

AIR-LOD

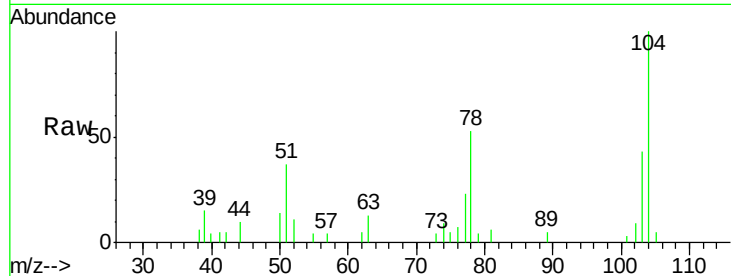
Tgt Ion:104 Resp: 25197

Ion Ratio Lower Upper

104 100

78 53.4 40.2 60.4

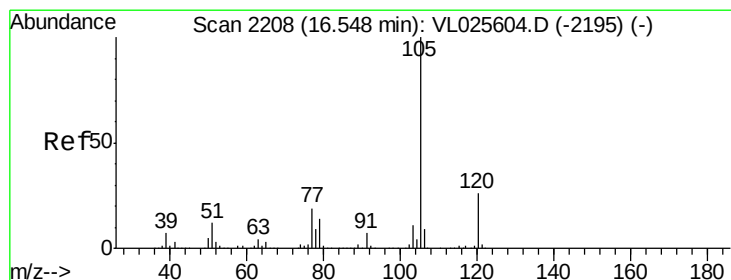
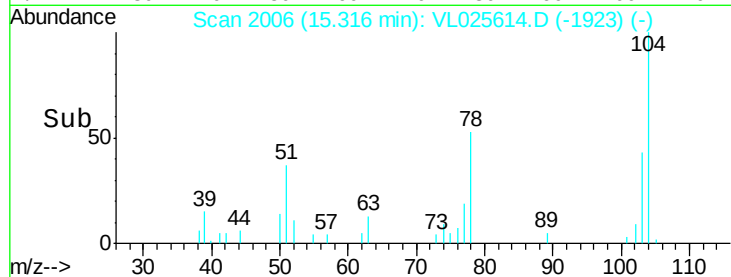
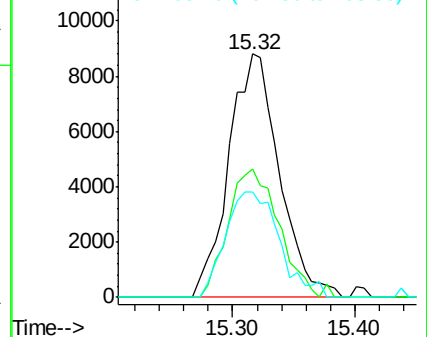
103 46.4 37.4 56.2



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: 0.37 ppbv

RT: 16.55 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VL025614.D

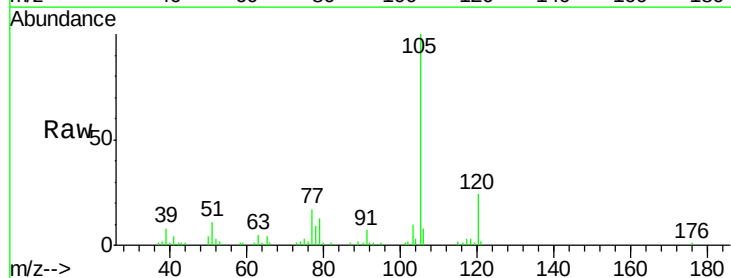
Acq: 7 Jul 2015 19:18

Tgt Ion:105 Resp: 149845

Ion Ratio Lower Upper

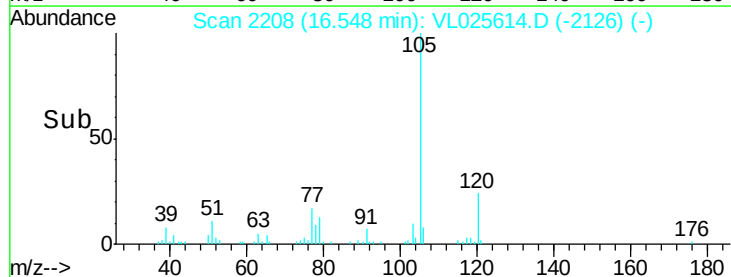
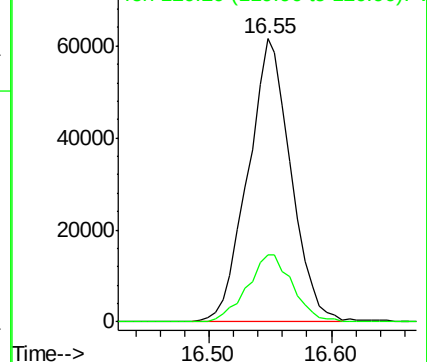
105 100

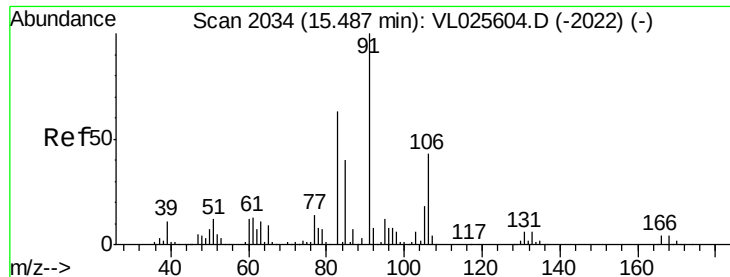
120 24.9 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

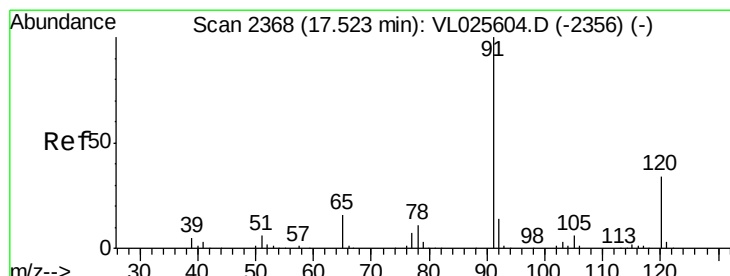
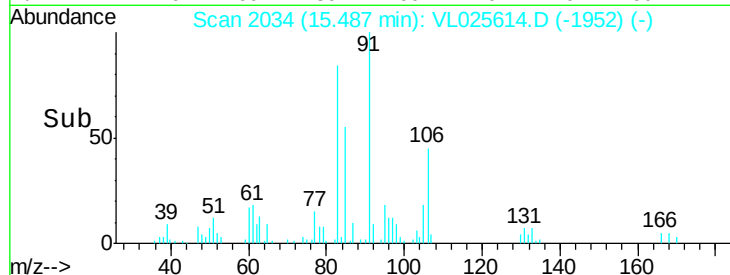
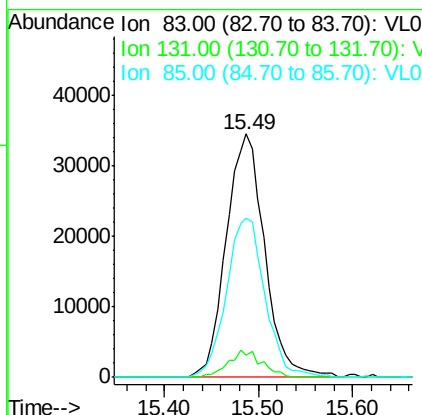
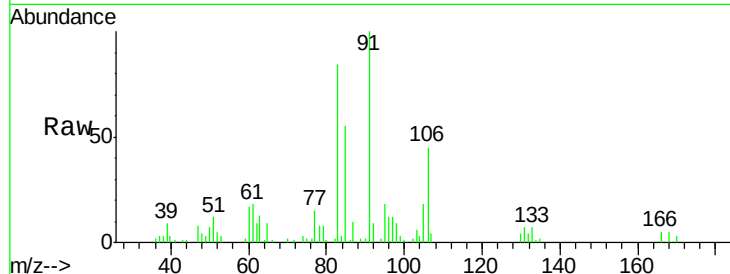




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.47 ppbv
 RT: 15.49 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

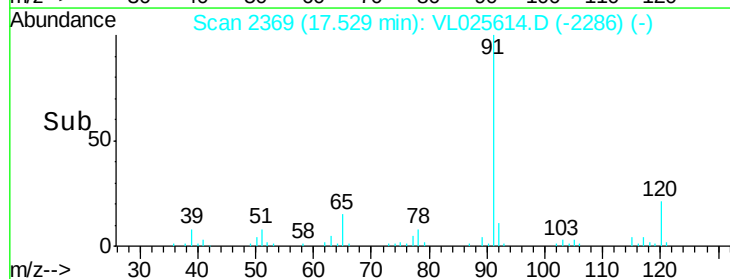
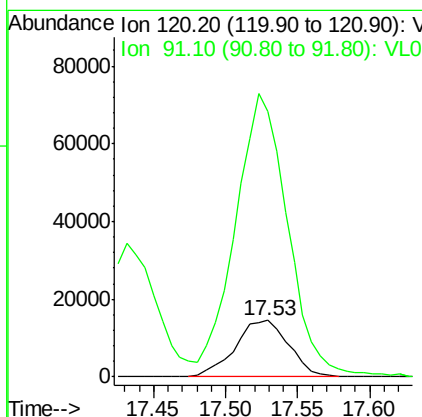
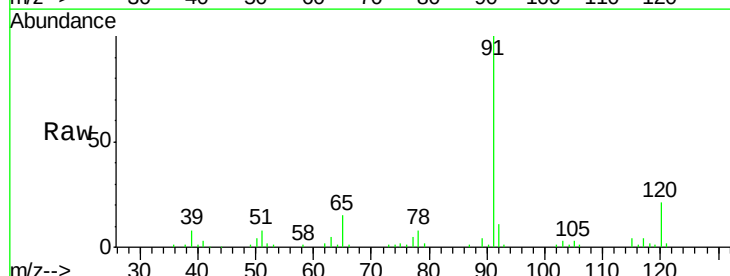
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

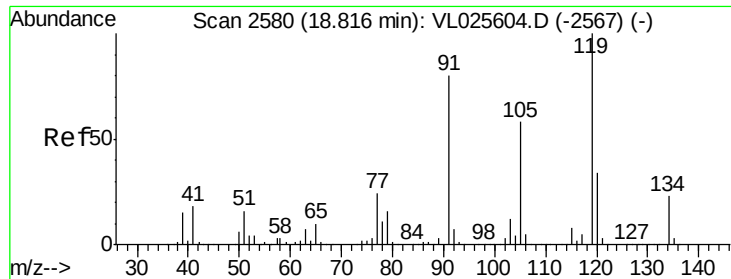
Tgt Ion: 83 Resp: 98019
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 65.6 32.4 97.2



#64
 n-propylbenzene
 Concen: 0.35 ppbv
 RT: 17.53 min Scan# 2369
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 120 Resp: 37662
 Ion Ratio Lower Upper
 120 100
 91 490.1 370.5 555.7

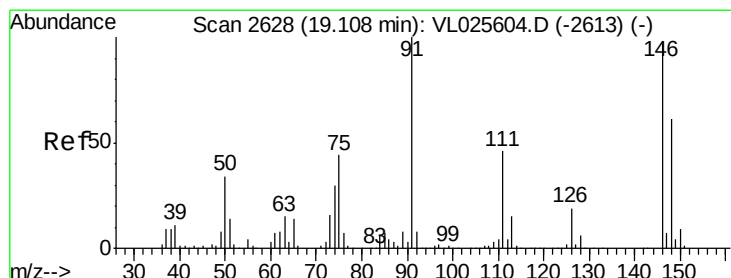
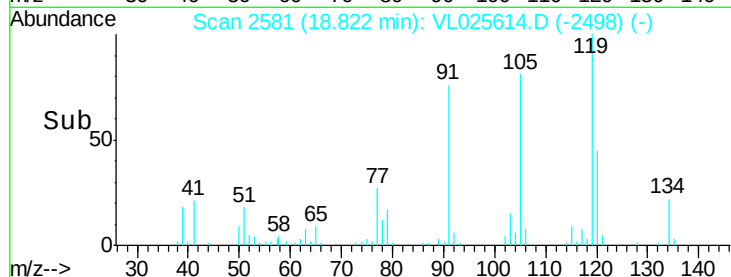
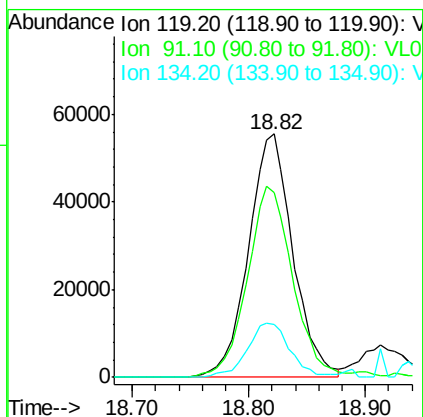
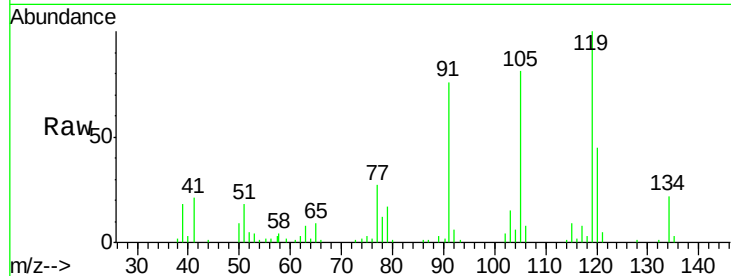




#65
 tert-Butylbenzene
 Concen: 0.37 ppbv
 RT: 18.82 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

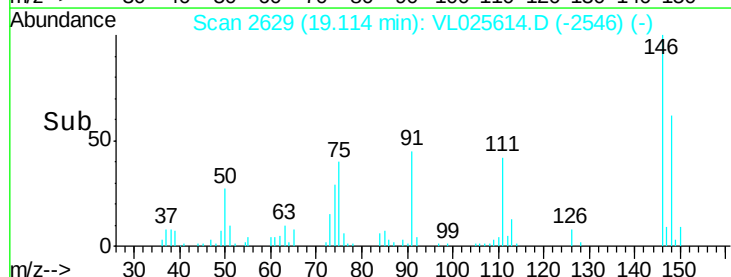
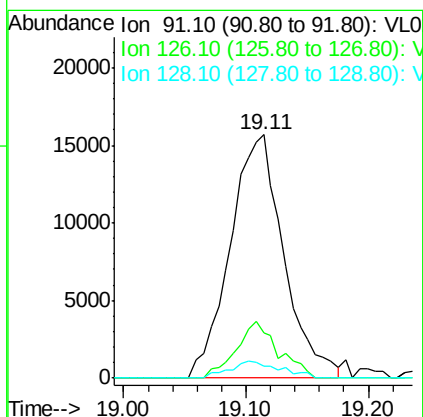
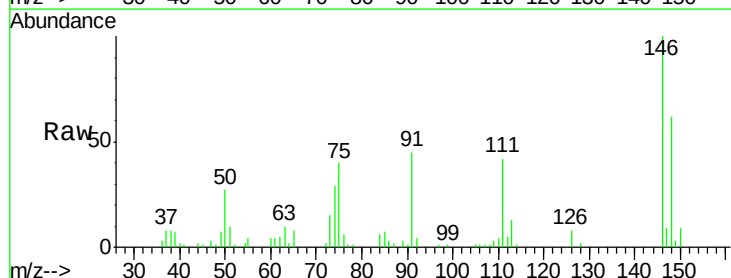
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

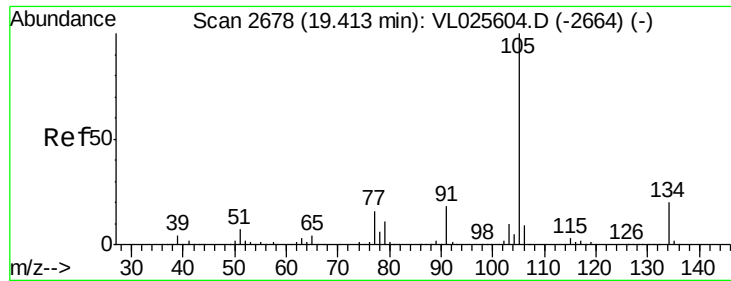
Tgt Ion: 119 Resp: 146859
 Ion Ratio Lower Upper
 119 100
 91 82.6 64.5 96.7
 134 22.4 17.4 26.0



#66
 Benzyl Chloride
 Concen: 0.33 ppbv
 RT: 19.11 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 91 Resp: 47703
 Ion Ratio Lower Upper
 91 100
 126 18.4 14.5 21.7
 128 6.6 4.6 7.0





#67

sec-Butylbenzene

Concen: 0.38 ppbv

RT: 19.41 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

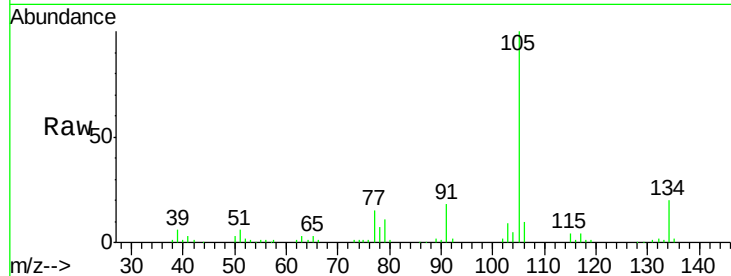
AIR-LOD

Tgt Ion: 105 Resp: 211458

Ion Ratio Lower Upper

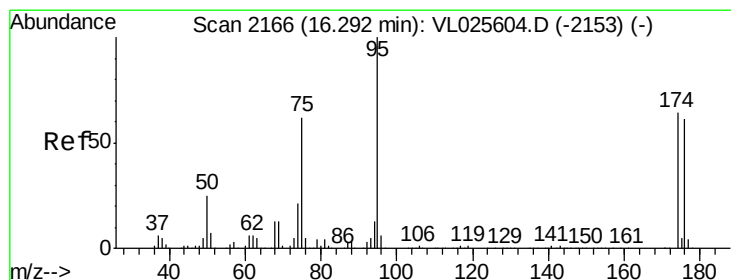
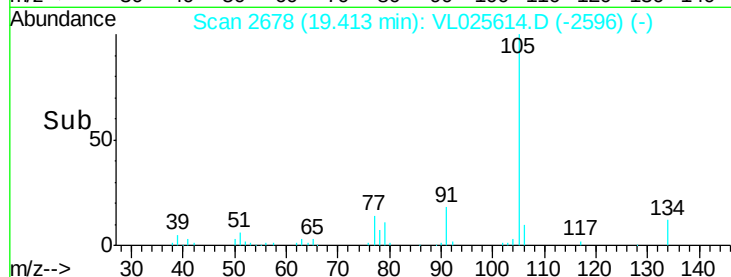
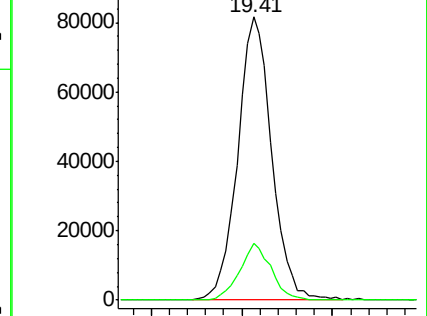
105 100

134 18.5 15.4 23.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.65 ppbv

RT: 16.29 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

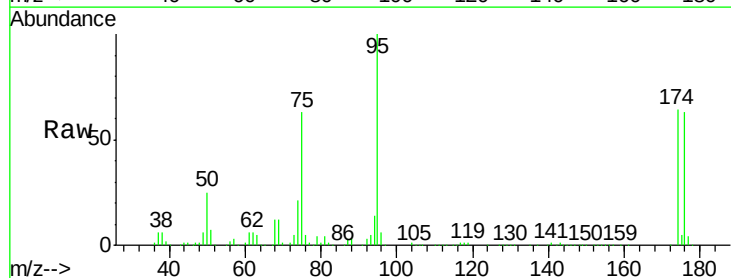
Tgt Ion: 95 Resp: 1771885

Ion Ratio Lower Upper

95 100

174 64.9 52.0 78.0

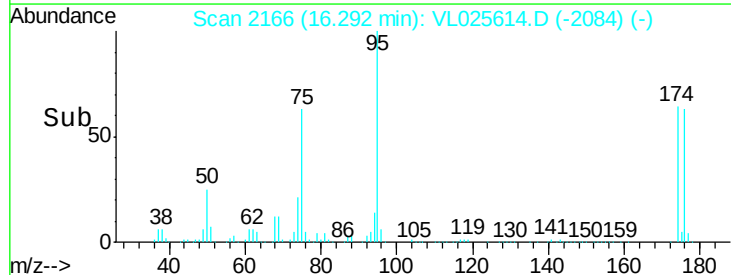
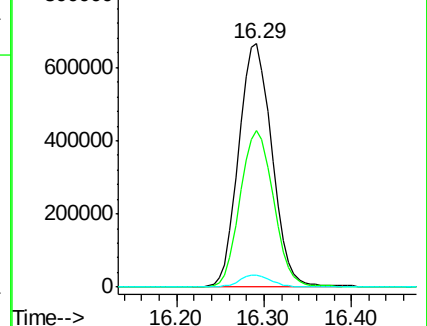
175 4.9 3.9 5.9

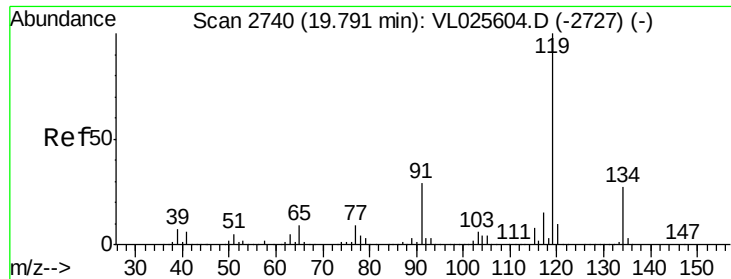


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

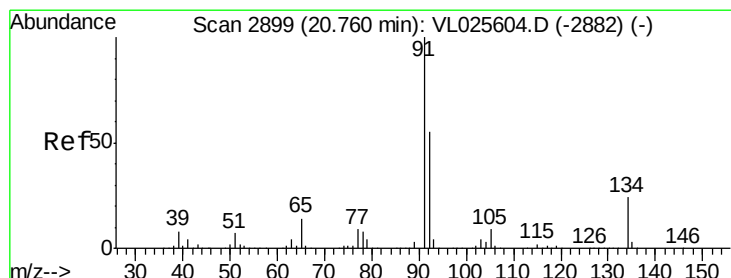
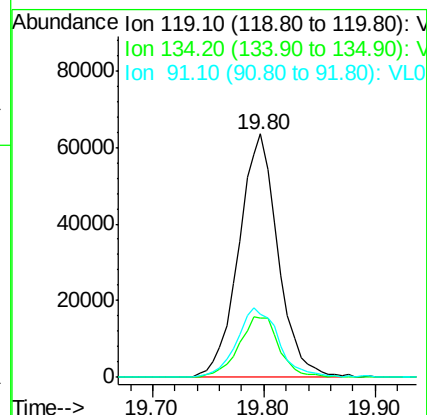
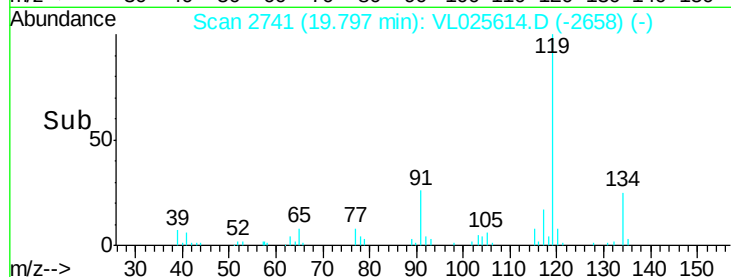
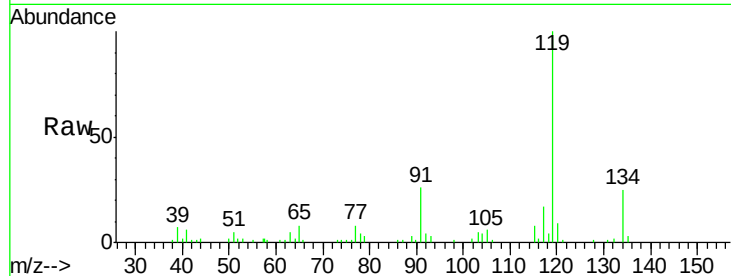




#69
 p-Isopropyltoluene
 Concen: 0.34 ppbv
 RT: 19.80 min Scan# 2741
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

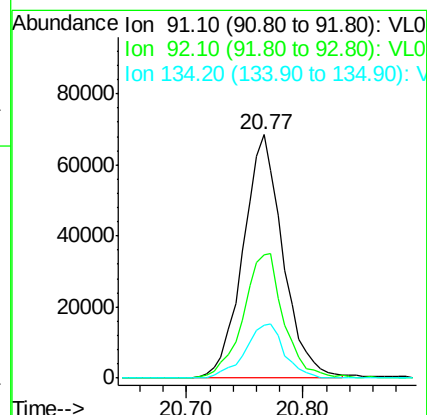
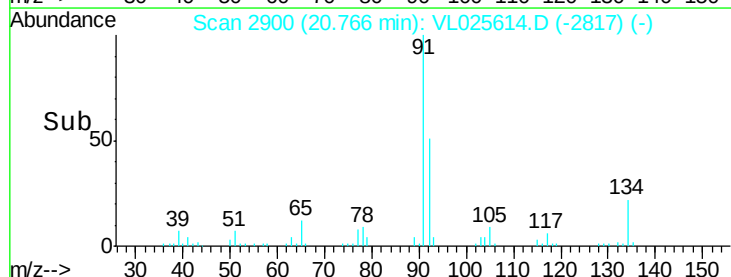
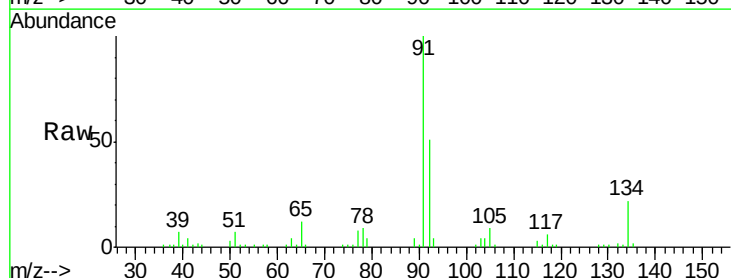
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

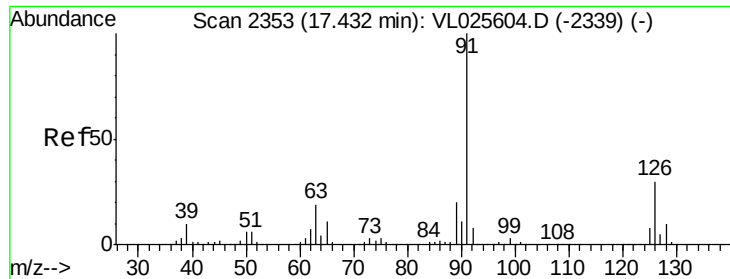
Tgt Ion: 119 Resp: 154718
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.7 31.1
 91 31.0 22.6 34.0



#70
 n-Butylbenzene
 Concen: 0.35 ppbv
 RT: 20.77 min Scan# 2900
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion: 91 Resp: 163113
 Ion Ratio Lower Upper
 91 100
 92 51.9 44.3 66.5
 134 21.9 19.4 29.2





#71

2-Chlorotoluene

Concen: 0.31 ppbv

RT: 17.43 min Scan# 2353

Delta R.T. -0.00 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Instrument :

MSVOA_L

ClientSampleId :

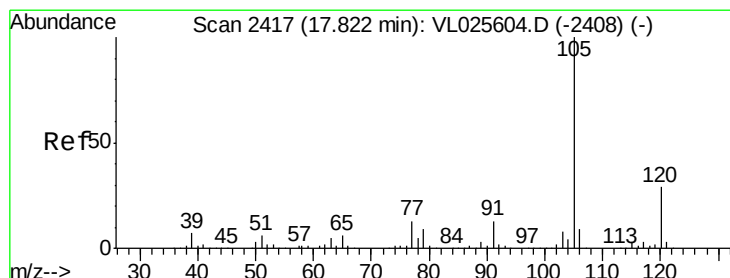
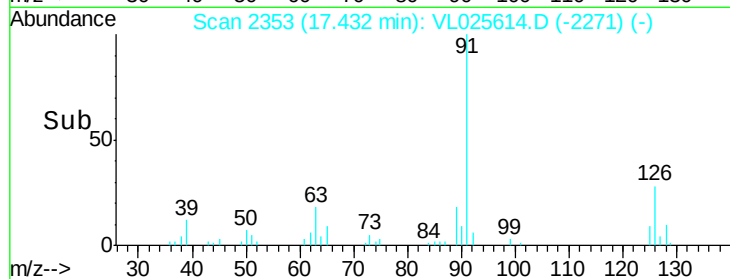
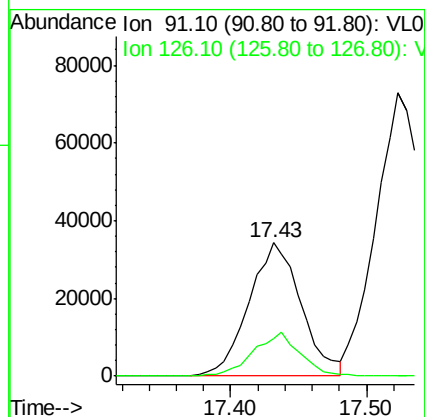
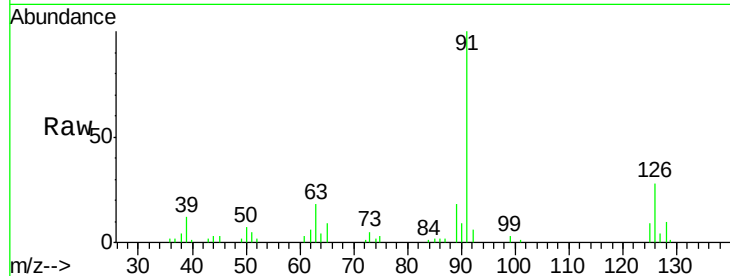
AIR-LOD

Tgt Ion: 91 Resp: 92356

Ion Ratio Lower Upper

91 100

126 29.5 12.2 49.0



#72

4-Ethyltoluene

Concen: 0.30 ppbv

RT: 17.83 min Scan# 2418

Delta R.T. 0.01 min

Lab File: VL025614.D

Acq: 7 Jul 2015 19:18

Tgt Ion: 105 Resp: 101464

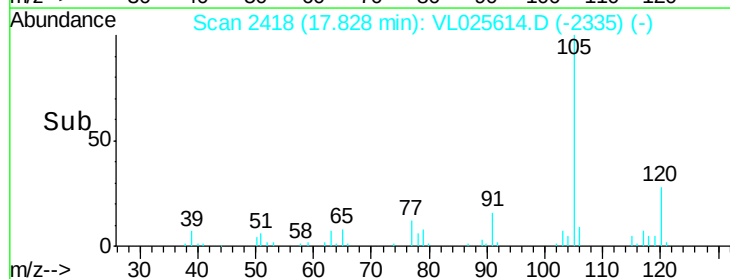
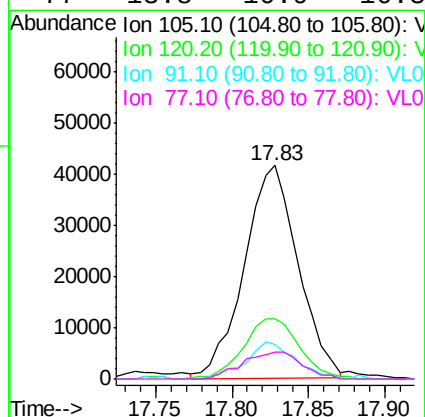
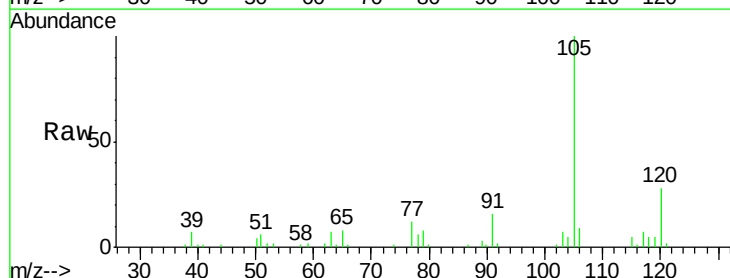
Ion Ratio Lower Upper

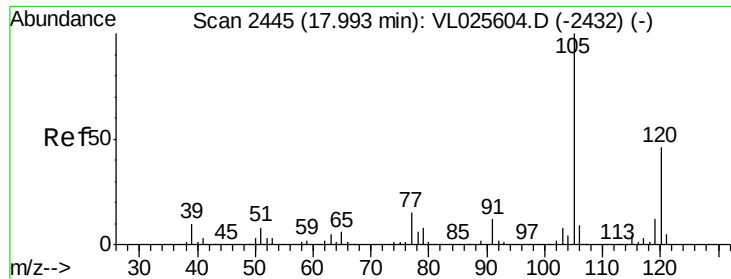
105 100

120 30.4 23.9 35.9

91 17.0 10.3 15.5#

77 13.8 10.9 16.3

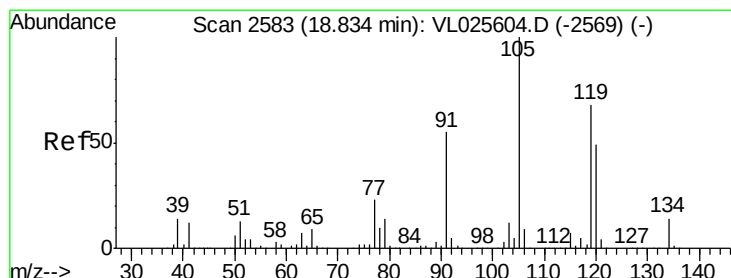
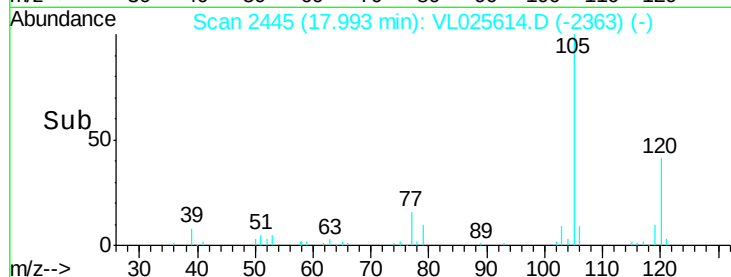
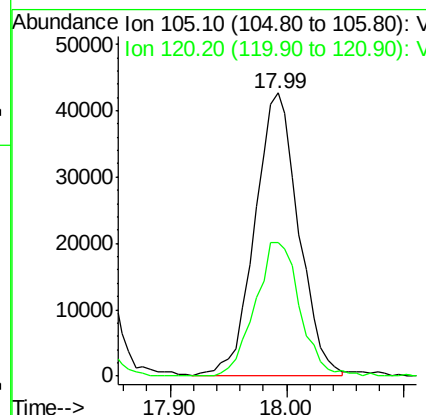
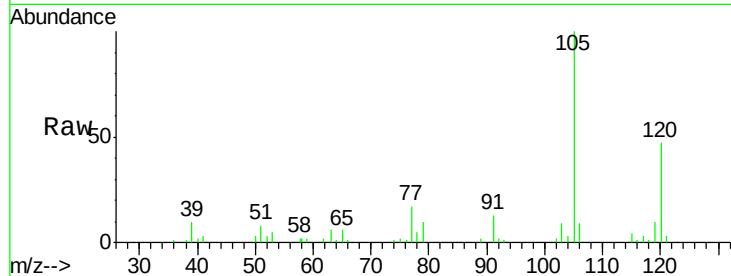




#73
 1,3,5-Trimethylbenzene
 Concen: 0.33 ppbv
 RT: 17.99 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

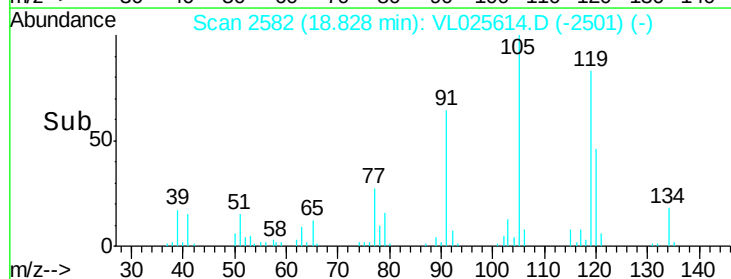
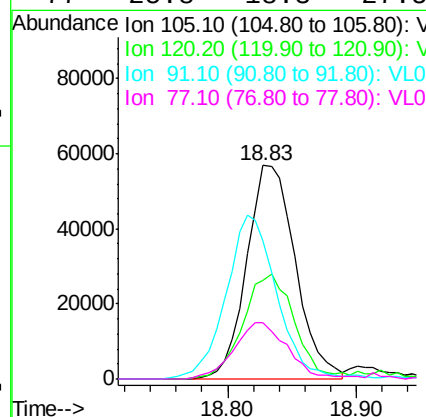
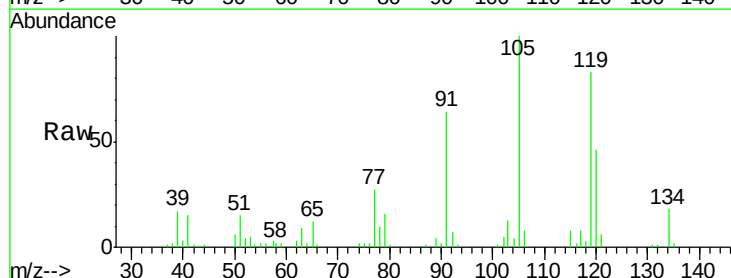
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

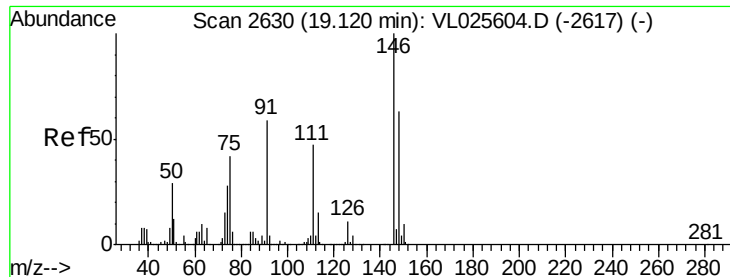
Tgt Ion:105 Resp: 111670
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.0 55.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.40 ppbv
 RT: 18.83 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion:105 Resp: 148787
 Ion Ratio Lower Upper
 105 100
 120 45.5 39.3 58.9
 91 63.0 43.8 65.6
 77 25.8 18.3 27.5

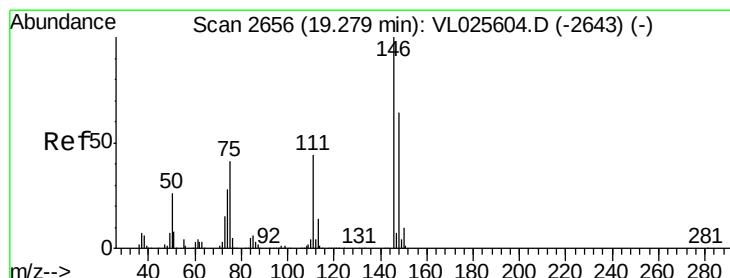
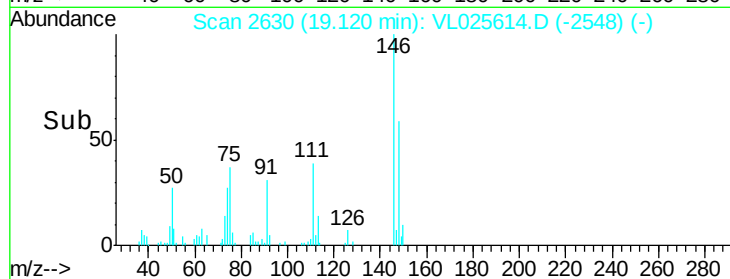
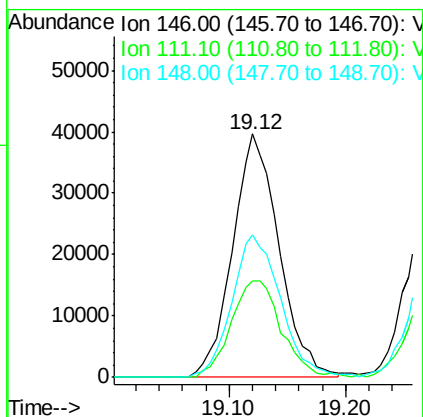
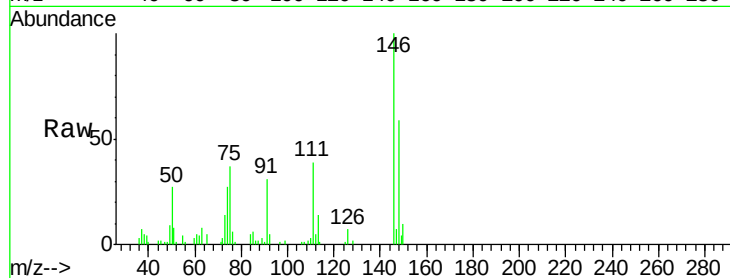




#75
 1,3-Dichlorobenzene
 Concen: 0.45 ppbv
 RT: 19.12 min Scan# 2630
 Delta R.T. -0.00 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

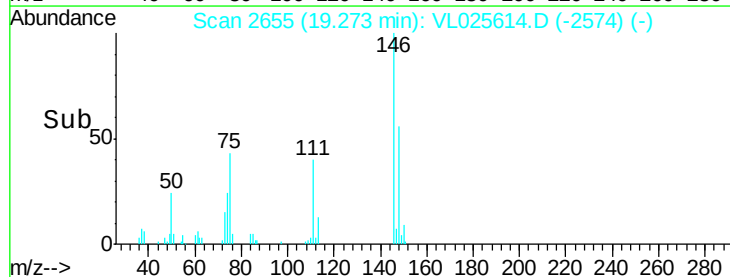
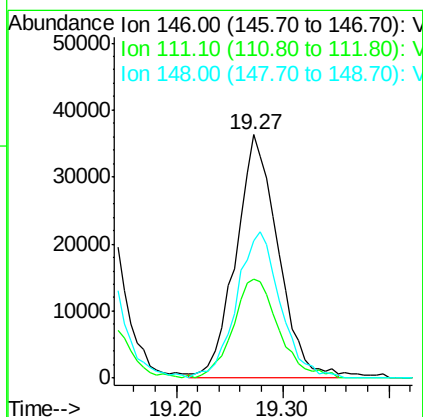
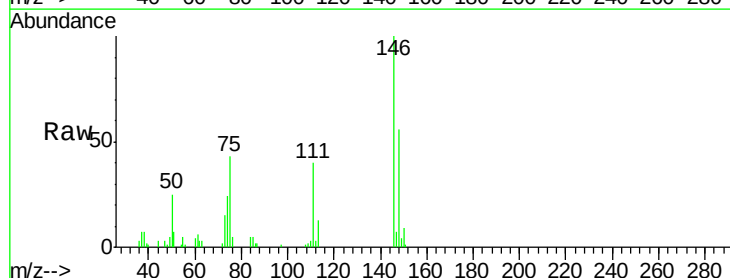
Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

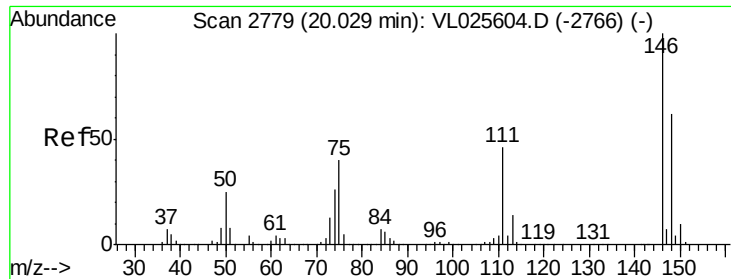
Tgt Ion:146 Resp: 110230
 Ion Ratio Lower Upper
 146 100
 111 42.7 22.7 68.1
 148 61.2 31.8 95.3



#76
 1,4-Dichlorobenzene
 Concen: 0.41 ppbv
 RT: 19.27 min Scan# 2655
 Delta R.T. -0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion:146 Resp: 100971
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 62.2 31.9 95.9

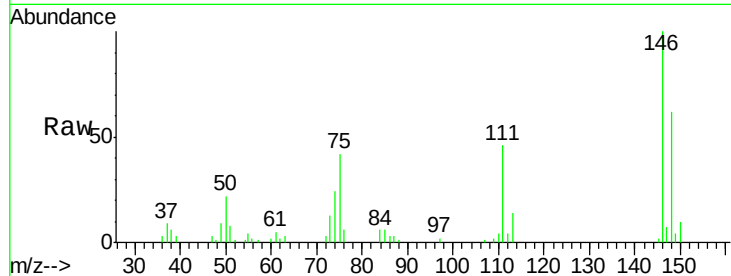




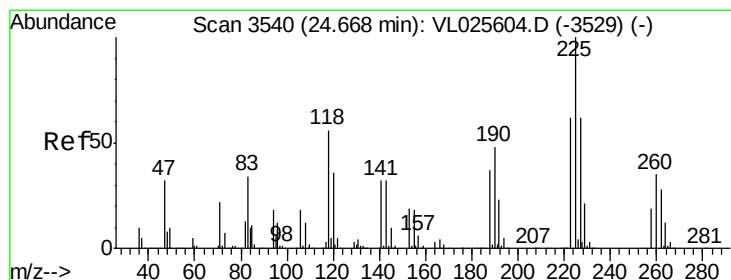
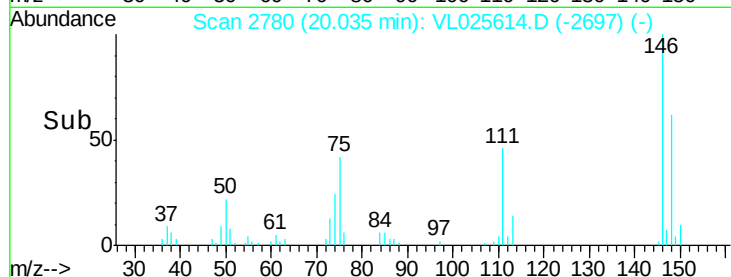
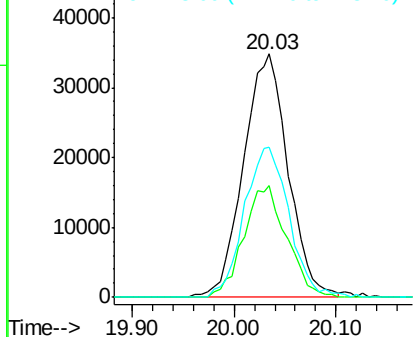
#77
 1,2-Dichlorobenzene
 Concen: 0.44 ppbv
 RT: 20.03 min Scan# 2780
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Tgt Ion:146 Resp: 105731
 Ion Ratio Lower Upper
 146 100
 111 44.2 23.4 70.3
 148 62.0 31.6 94.8

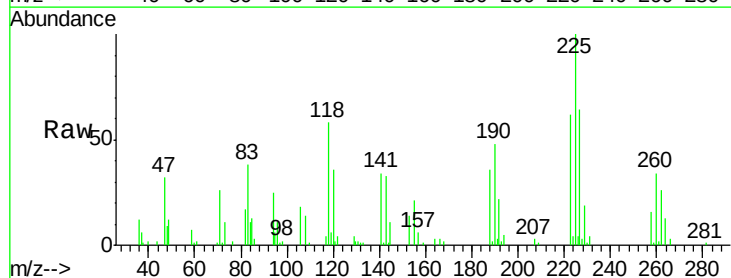


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

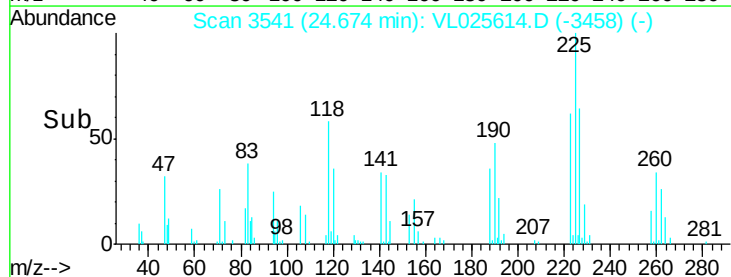
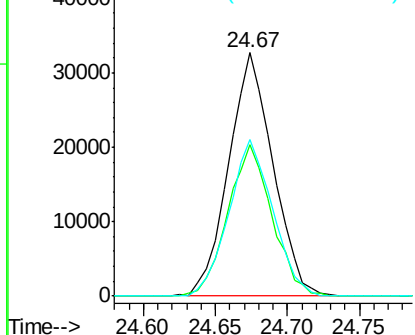


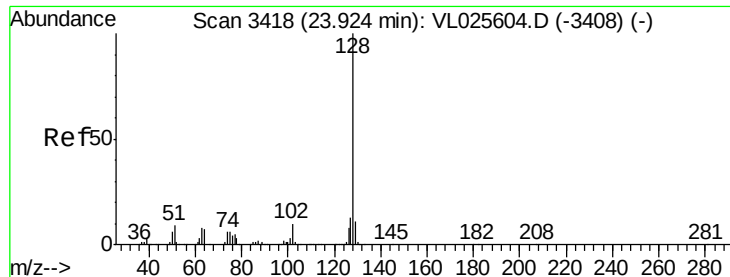
#78
 Hexachloro-1,3-Butadiene
 Concen: 0.47 ppbv
 RT: 24.67 min Scan# 3541
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Tgt Ion:225 Resp: 69962
 Ion Ratio Lower Upper
 225 100
 223 61.9 50.6 76.0
 227 63.8 50.5 75.7



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V

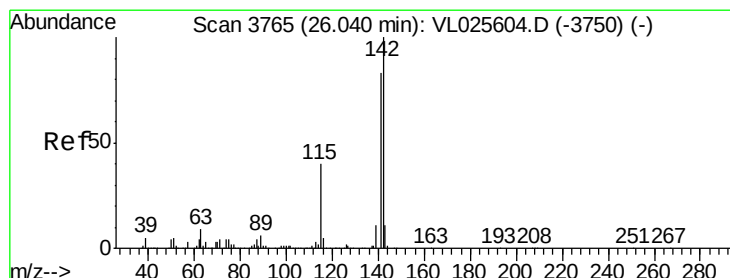
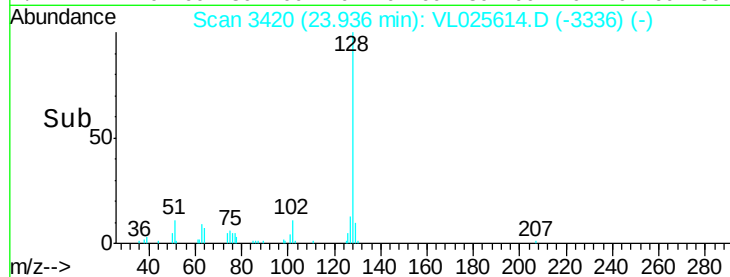
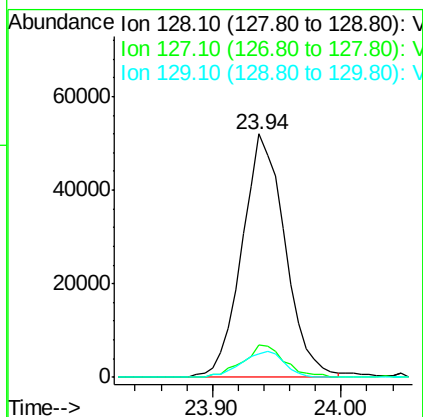
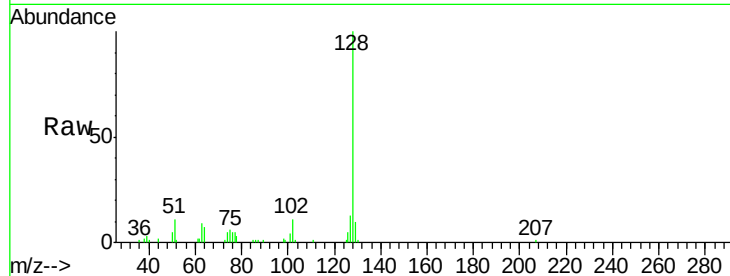




#79
Naphthalene
Concen: 0.33 ppbv
RT: 23.94 min Scan# 3420
Delta R.T. 0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

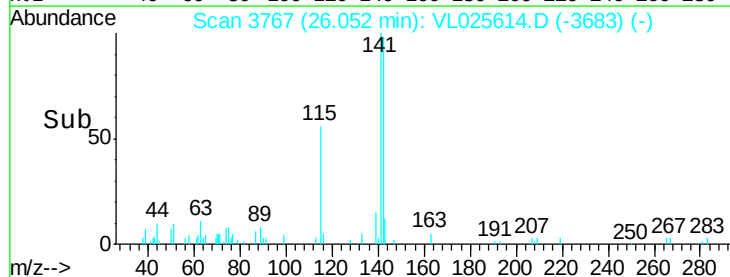
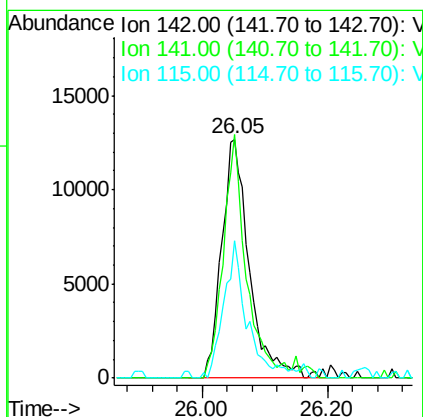
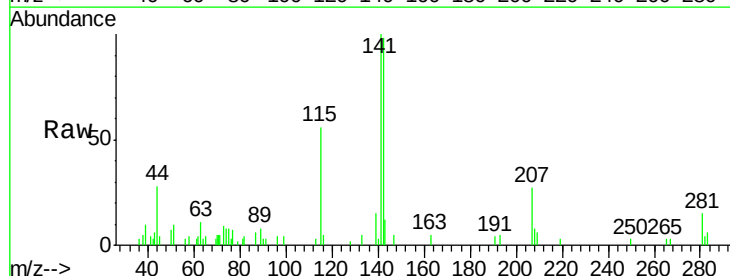
Instrument :
MSVOA_L
ClientSampleId :
AIR-LOD

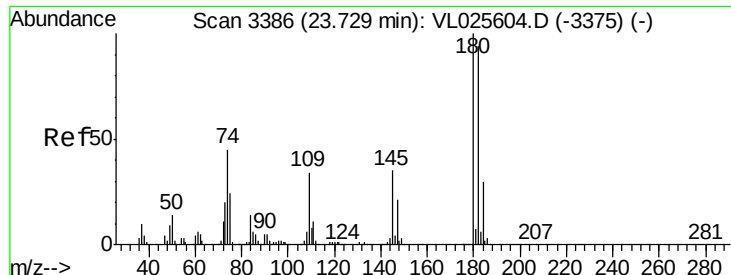
Tgt Ion:128 Resp: 120615
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 9.8 9.0 13.4



#80
Naphthalene, 2-methyl-
Concen: 0.37 ppbv
RT: 26.05 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VL025614.D
Acq: 7 Jul 2015 19:18

Tgt Ion:142 Resp: 39209
Ion Ratio Lower Upper
142 100
141 86.8 67.1 100.7
115 51.0 33.9 50.9#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.37 ppbv
 RT: 23.74 min Scan# 3388
 Delta R.T. 0.01 min
 Lab File: VL025614.D
 Acq: 7 Jul 2015 19:18

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-LOD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.1	114.1
184	30.9	24.4	36.6

