

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL010816\
 Data File : VL026651.D
 Acq On : 8 Jan 2016 18:00
 Operator : SY/AP
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Quant Time: Jan 08 22:15:01 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	809162	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.30	114	2453651	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.71	117	3184011	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	2612795	10.18	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.62	85	26517	0.12	ppbv	89
3) Chlorodifluoromethane	3.56	51	14734	0.14	ppbv	97
4) Chloromethane	3.73	50	3687	0.07	ppbv #	71
5) Vinyl Chloride	3.87	62	6217	0.10	ppbv #	87
6) Bromomethane	4.13	94	4182	0.09	ppbv	95
8) Dichlorotetrafluoroethane	3.79	85	19198	0.12	ppbv	99
9) Propene	3.59	41	4180	0.11	ppbv	96
10) Heptane	9.32	43	7645	0.05	ppbv #	48
11) Trichlorofluoromethane	4.68	101	27346	0.13	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	5.29	101	14768	0.11	ppbv	98
13) Ethanol	4.35	45	1118	0.14	ppbv #	34
14) Bromoethene	4.44	108	6457	0.13	ppbv	84
15) Acetone	4.63	43	28843	0.24	ppbv #	20
16) 1,3-Butadiene	3.95	39	7664	0.14	ppbv #	78
18) 1,1-Dichloroethene	5.07	96	6704	0.12	ppbv #	74
19) Isopropyl Alcohol	4.78	45	3443	0.05	ppbv #	96
20) Methylene Chloride	5.14	84	4716	0.09	ppbv #	92
21) Allyl Chloride	5.21	41	5938	0.07	ppbv #	12
22) trans-1,2-Dichloroethene	5.74	96	6857	0.11	ppbv #	65
23) Vinyl Acetate	5.98	43	18037	0.08	ppbv #	84
24) 1,1-Dichloroethane	5.88	63	16821	0.12	ppbv #	91
26) Hexane	6.64	57	10091	0.10	ppbv #	19
27) Carbon Disulfide	5.39	76	14179	0.09	ppbv #	17
28) Methyl tert-Butyl Ether	5.97	73	17504	0.08	ppbv	100
29) Chloroform	6.71	83	23441	0.13	ppbv	98
30) Cyclohexane	8.27	84	11807	0.11	ppbv #	28
31) cis-1,2-Dichloroethene	6.50	61	10603	0.10	ppbv #	91
32) 1,1,1-Trichloroethane	7.57	97	21570	0.11	ppbv	95
35) Carbon Tetrachloride	8.13	117	22290	0.11	ppbv	88
36) Benzene	7.99	78	21385	0.09	ppbv #	90
37) 1,2-Dichloroethane	7.34	62	18294	0.11	ppbv	100
38) Trichloroethene	9.04	130	10687	0.11	ppbv	90
39) 1,2-Dichloropropane	8.79	63	9553	0.11	ppbv #	74
41) Tetrahydrofuran	7.15	42	2441	0.04	ppbv #	42
42) Bromodichloromethane	8.99	83	20195	0.09	ppbv #	99
43) Methyl Methacrylate	9.26	69	4527	0.05	ppbv #	59
44) 2,2,4-Trimethylpentane	9.06	57	32073	0.08	ppbv	94
46) cis-1,3-Dichloropropene	10.00	75	5559	0.03	ppbv	90
47) 1,1,2-Trichloroethane	10.84	97	11549	0.10	ppbv #	88
48) Dibromochloromethane	11.76	129	16201	0.09	ppbv	99
52) Tetrachloroethene	12.76	164	6537	0.06	ppbv	93

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 QLast Update : Fri Jan 08 22:06:23 2016
 Response via : Initial Calibration

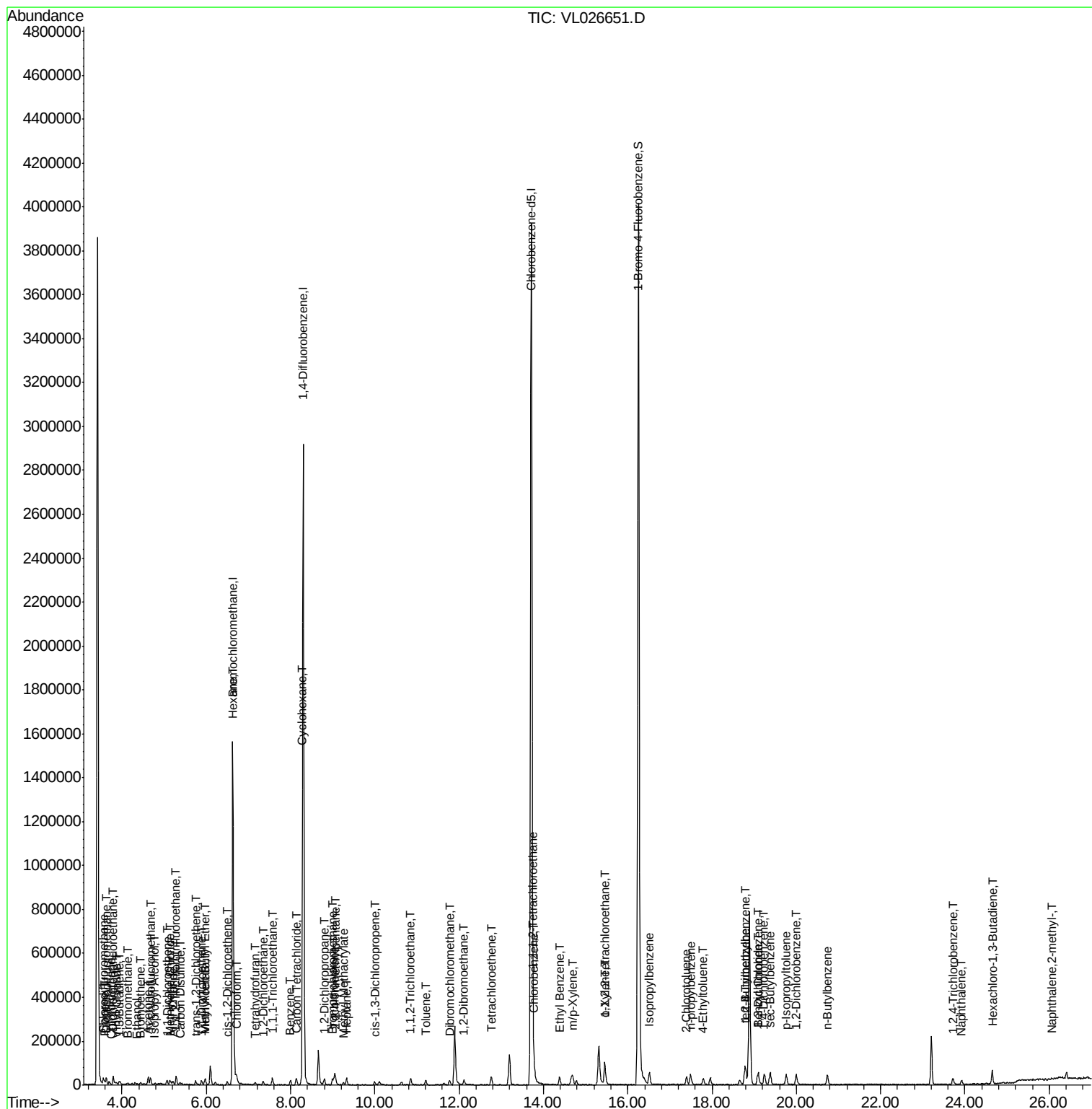
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Toluene	11.21	91	13022	0.04	ppbv #	36
54) 1,2-Dibromoethane	12.12	107	18553	0.10	ppbv	88
56) 1,1,1,2-Tetrachloroethane	13.76	131	8420	0.06	ppbv #	2
57) Chlorobenzene	13.78	112	39431	0.13	ppbv #	96
58) Ethyl Benzene	14.39	91	38019	0.07	ppbv	95
59) m/p-Xylene	14.69	91	31823	0.07	ppbv #	33
60) o-Xylene	15.46	91	48126	0.11	ppbv	98
62) Isopropylbenzene	16.52	105	55904	0.09	ppbv	99
63) 1,1,2,2-Tetrachloroethane	15.45	83	39100	0.13	ppbv	95
64) n-propylbenzene	17.49	120	12557	0.07	ppbv	99
65) tert-Butylbenzene	18.77	119	24052	0.05	ppbv #	18
66) Benzyl Chloride	19.08	91	14367	0.06	ppbv #	95
67) sec-Butylbenzene	19.38	105	68066	0.08	ppbv	95
69) p-Isopropyltoluene	19.75	119	42066	0.06	ppbv	95
70) n-Butylbenzene	20.73	91	41391	0.06	ppbv	92
71) 2-Chlorotoluene	17.40	91	35064	0.07	ppbv	91
72) 4-Ethyltoluene	17.78	105	17583	0.03	ppbv #	56
74) 1,2,4-Trimethylbenzene	18.80	105	44096	0.09	ppbv	93
75) 1,3-Dichlorobenzene	19.10	146	34480	0.11	ppbv	93
76) 1,4-Dichlorobenzene	19.24	146	32205	0.10	ppbv	90
77) 1,2-Dichlorobenzene	20.00	146	32568	0.10	ppbv	93
78) Hexachloro-1,3-Butadiene	24.66	225	15852	0.12	ppbv	96
79) Naphthalene	23.92	128	18237	0.05	ppbv #	92
80) Naphthalene,2-methyl-	26.05	142	3419	0.03	ppbv #	90
81) 1,2,4-Trichlorobenzene	23.70	180	5637	0.03	ppbv #	13

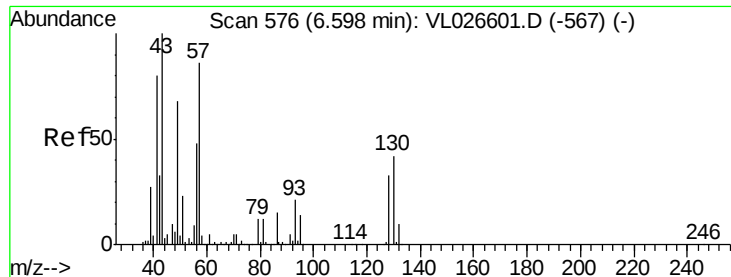
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VL026651.D  
Acq On    : 8 Jan 2016 18:00  
Operator  : SY/AP  
Sample    : VSTDICC0.1  
Misc      : 400mL/MSVOA L  
ALS Vial  : 1 Sample Multiplier: 1
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Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Jan 08 22:15:01 2016
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
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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: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

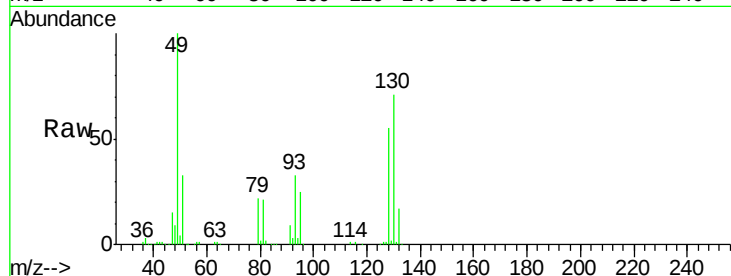
Tot Ion: 49 Resp: 809162

Ion Ratio Lower Upper

49 100

128 57.1 25.9 77.7

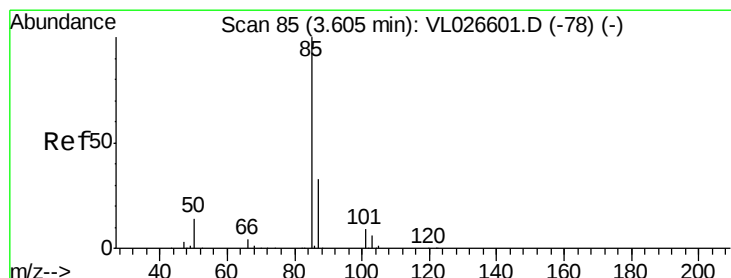
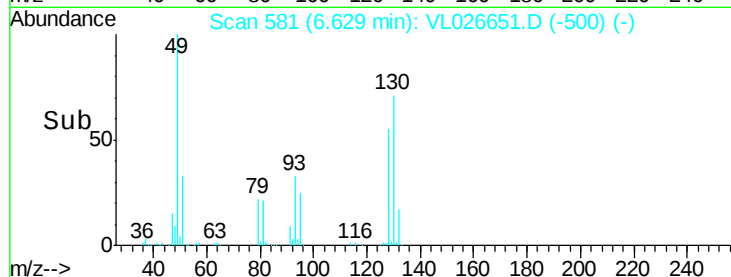
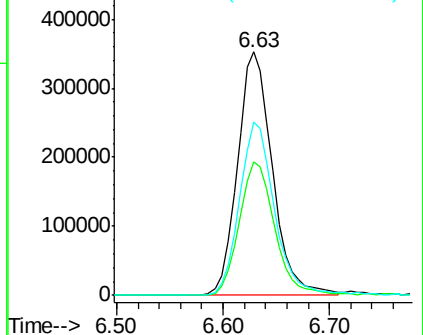
130 73.1 33.6 100.8



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: 0.12 ppbv

RT: 3.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VL026651.D

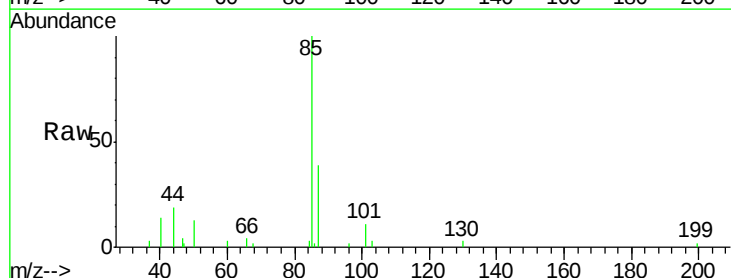
Acq: 8 Jan 2016 18:00

Tgt Ion: 85 Resp: 26517

Ion Ratio Lower Upper

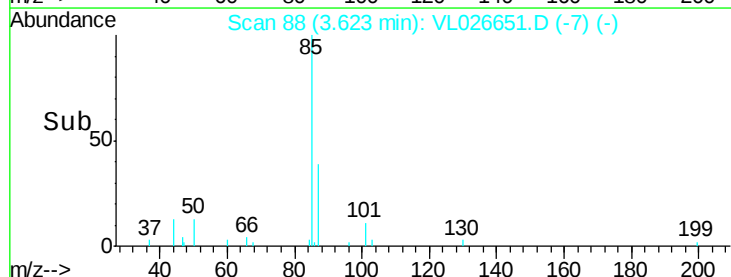
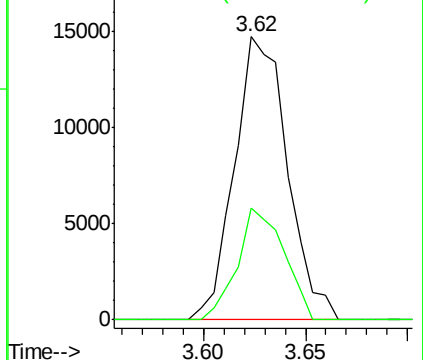
85 100

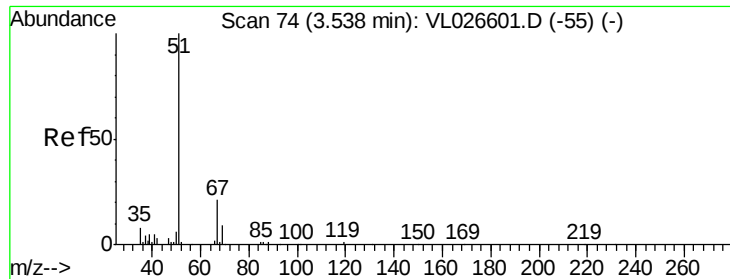
87 39.3 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.14 ppbv

RT: 3.56 min Scan# 77

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

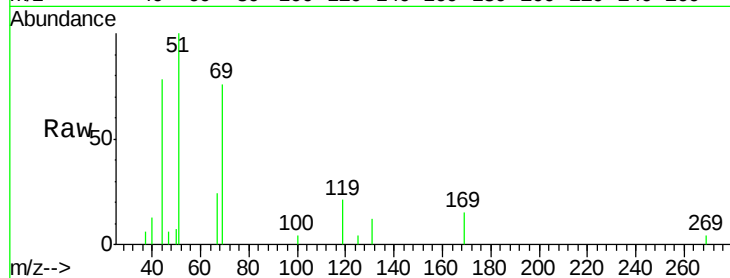
VSTDIC0.1

Tot Ion: 51 Resp: 14734

Ion Ratio Lower Upper

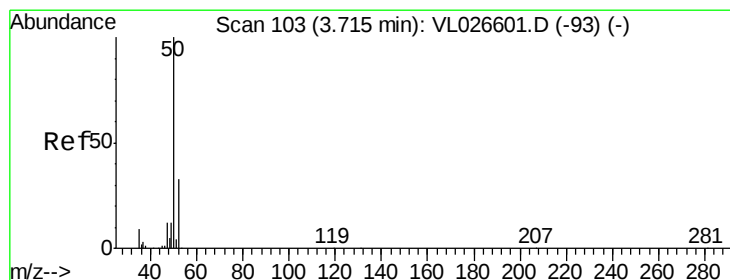
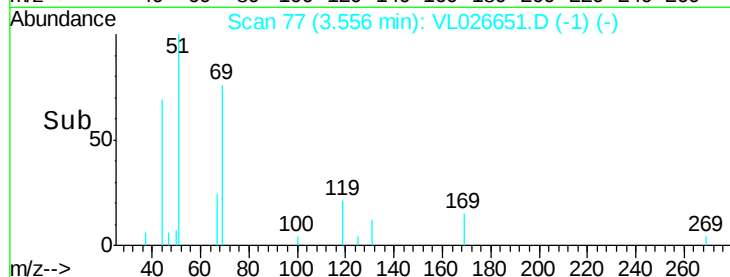
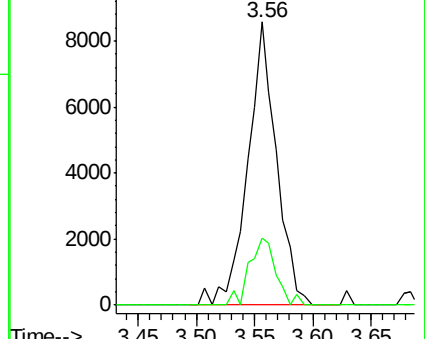
51 100

67 21.9 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: 0.07 ppbv

RT: 3.73 min Scan# 106

Delta R.T. -0.01 min

Lab File: VL026651.D

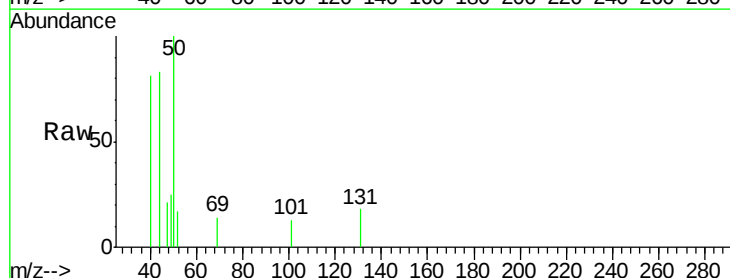
Acq: 8 Jan 2016 18:00

Tgt Ion: 50 Resp: 3687

Ion Ratio Lower Upper

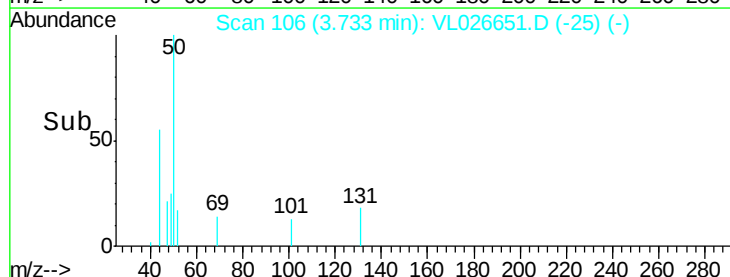
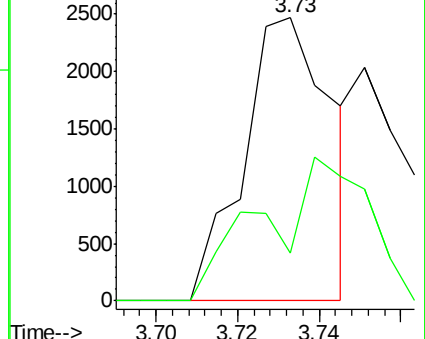
50 100

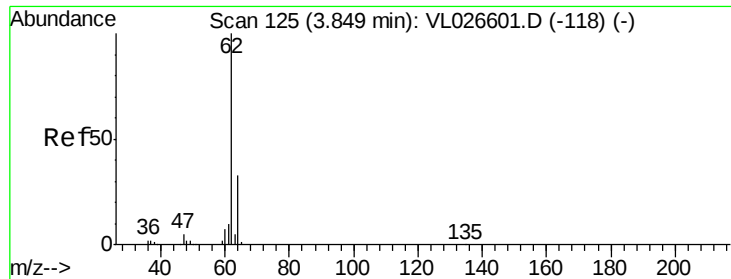
52 17.1 26.7 40.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.10 ppbv

RT: 3.87 min Scan# 129

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

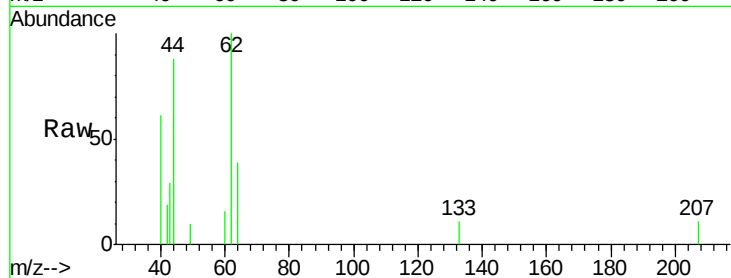
VSTDIC0.1

Tot Ion: 62 Resp: 6217

Ion Ratio Lower Upper

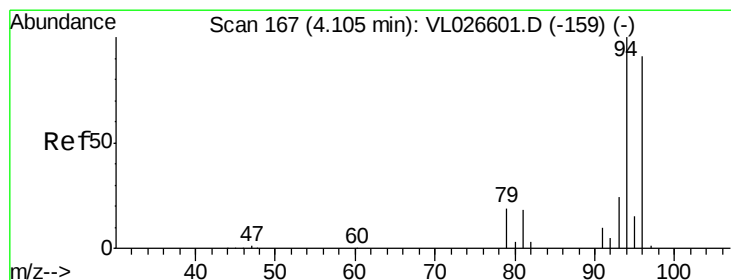
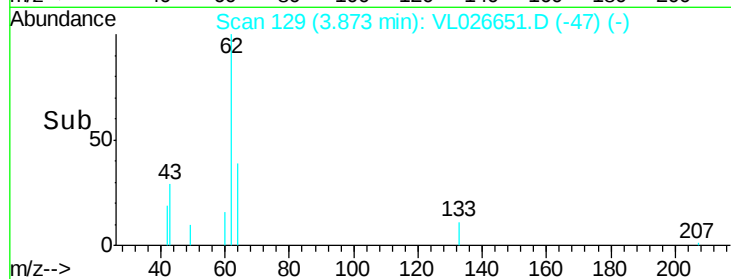
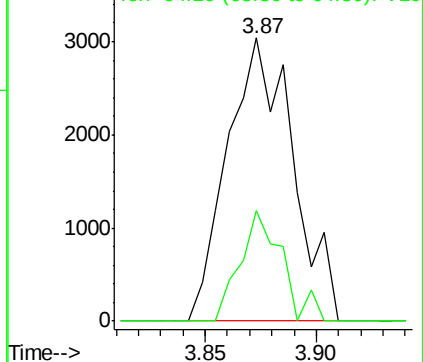
62 100

64 39.2 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: 0.09 ppbv

RT: 4.13 min Scan# 171

Delta R.T. -0.00 min

Lab File: VL026651.D

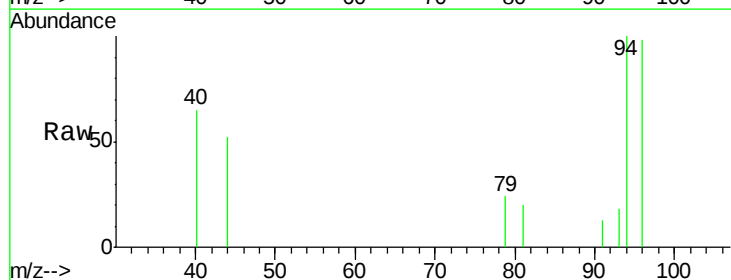
Acq: 8 Jan 2016 18:00

Tgt Ion: 94 Resp: 4182

Ion Ratio Lower Upper

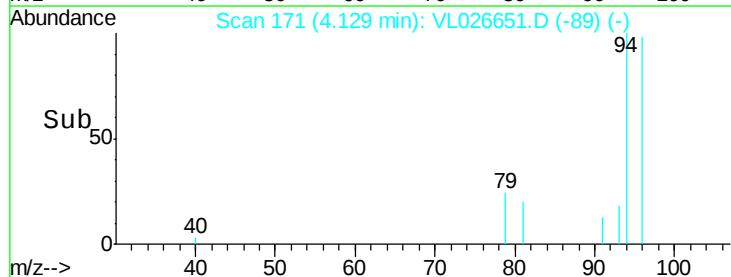
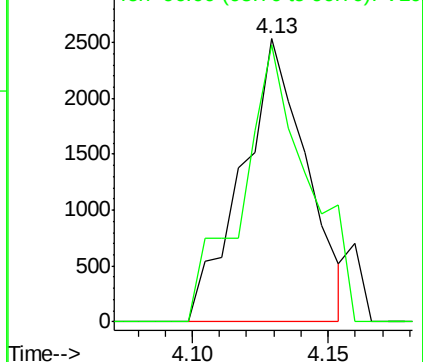
94 100

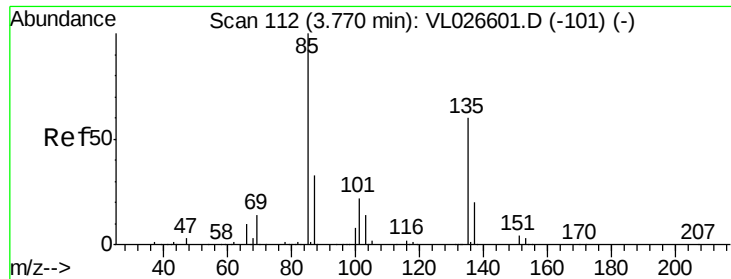
96 98.0 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.12 ppbv

RT: 3.79 min Scan# 116

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

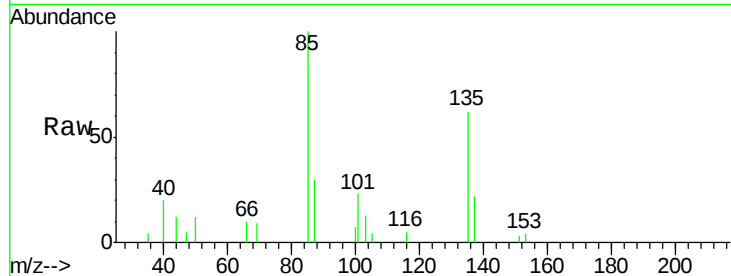
VSTDIC0.1

Tot Ion: 85 Resp: 19198

Ion Ratio Lower Upper

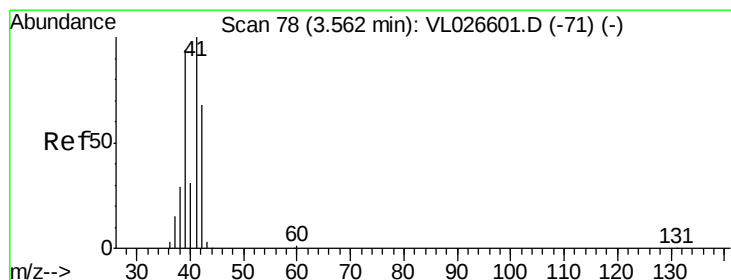
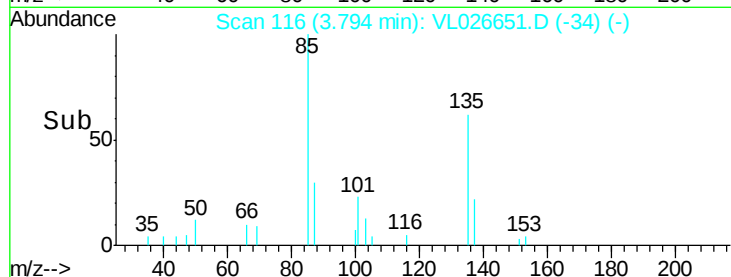
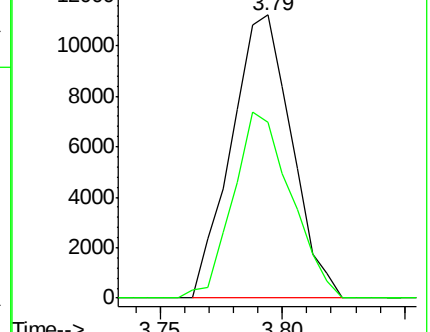
85 100

135 63.3 49.8 74.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): VL0



#9

Propene

Concen: 0.11 ppbv

RT: 3.59 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL026651.D

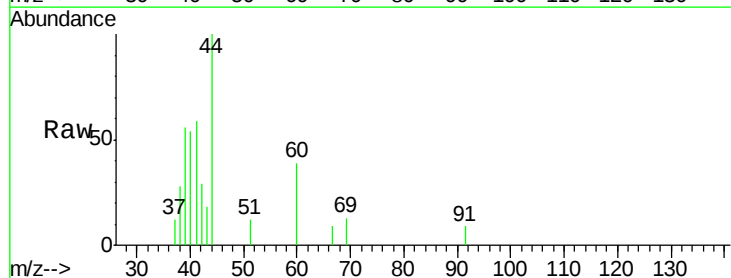
Acq: 8 Jan 2016 18:00

Tgt Ion: 41 Resp: 4180

Ion Ratio Lower Upper

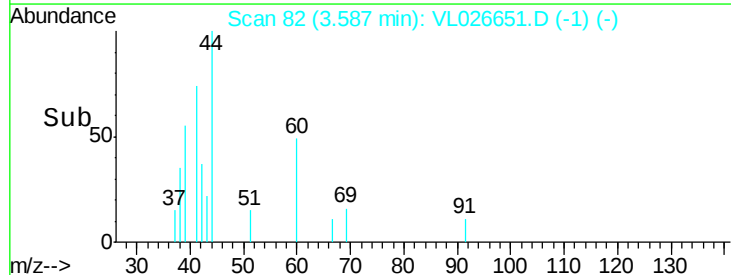
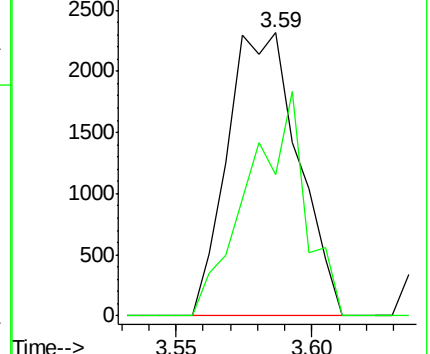
41 100

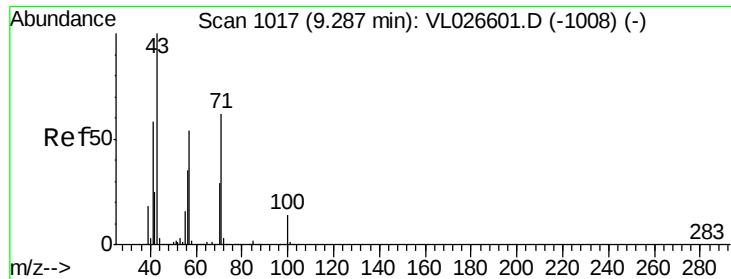
42 63.8 53.6 80.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.05 ppbv

RT: 9.32 min Scan# 1023

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

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ClientSampleId :

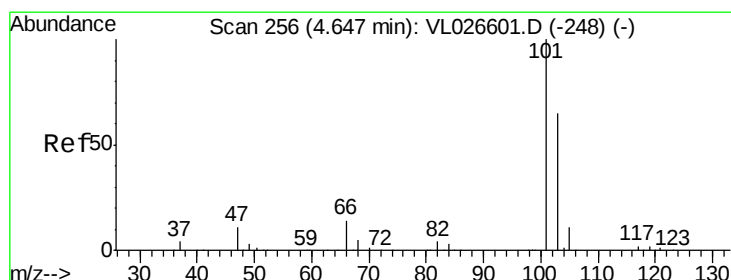
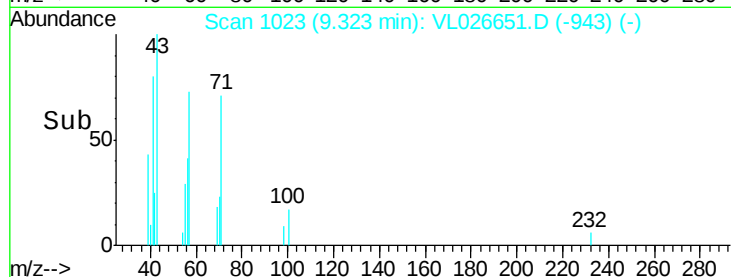
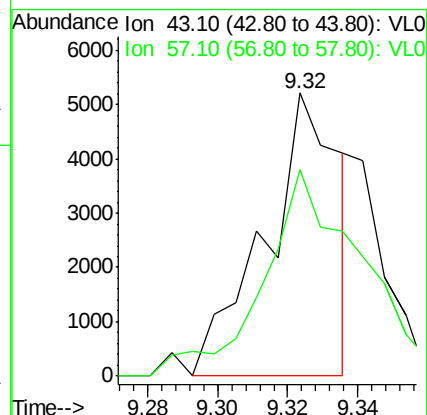
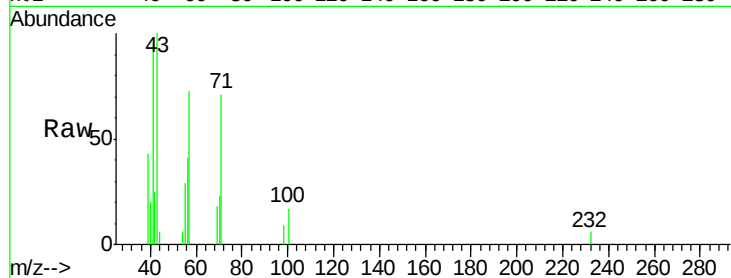
VSTDIC0.1

Tot Ion: 43 Resp: 7645

Ion Ratio Lower Upper

43 100

57 95.7 45.8 68.6#



#11

Trichlorofluoromethane

Concen: 0.13 ppbv

RT: 4.68 min Scan# 261

Delta R.T. -0.00 min

Lab File: VL026651.D

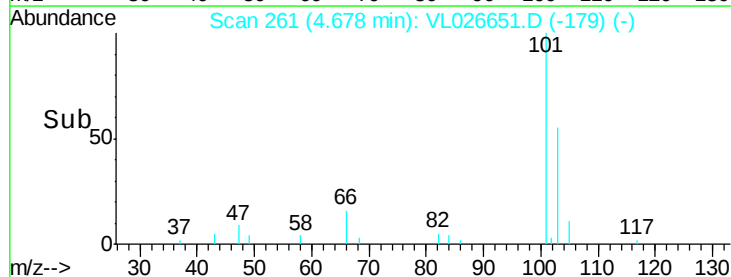
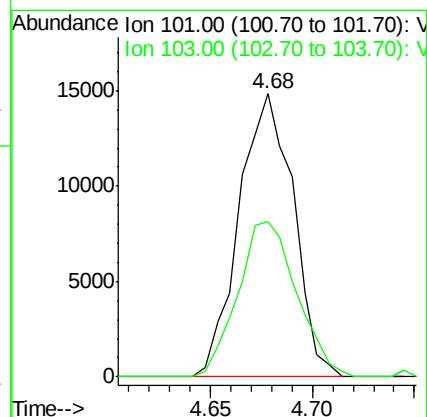
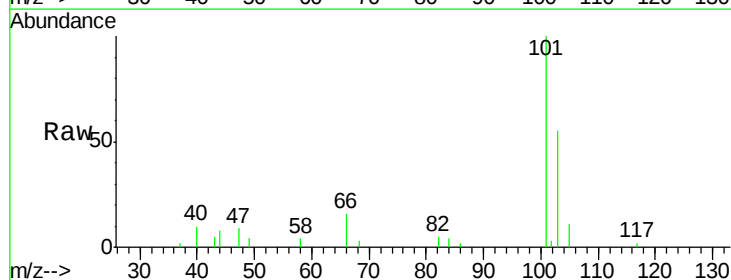
Acq: 8 Jan 2016 18:00

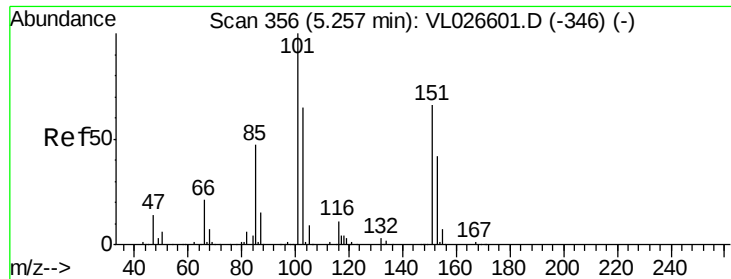
Tgt Ion: 101 Resp: 27346

Ion Ratio Lower Upper

101 100

103 54.9 51.7 77.5





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.11 ppbv

RT: 5.29 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

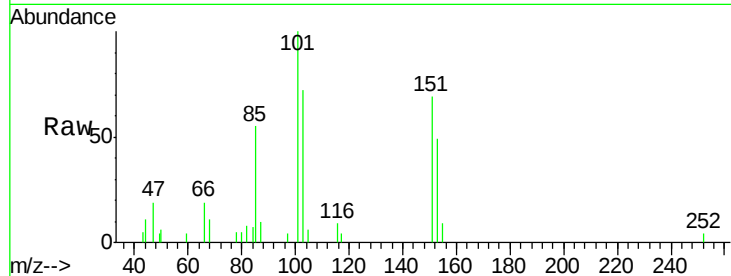
VSTDIC0.1

Tot Ion:101 Resp: 14768

Ion Ratio Lower Upper

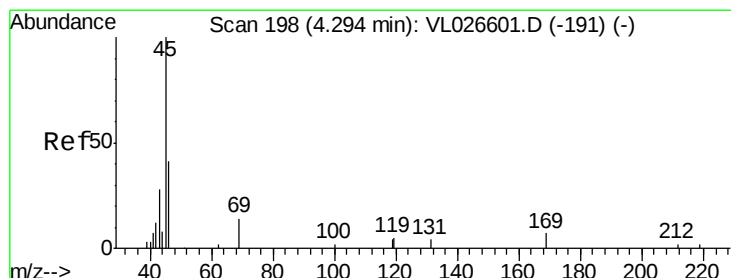
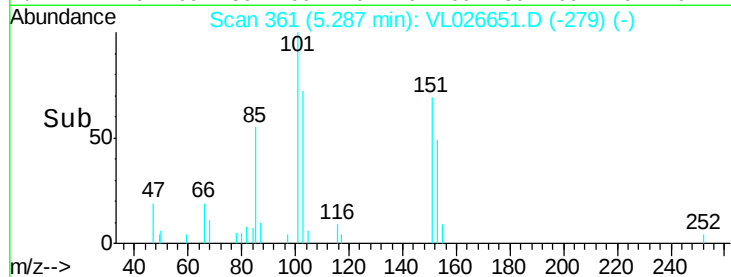
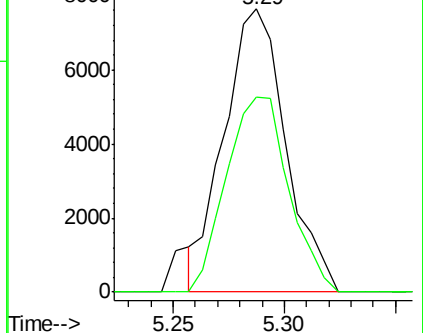
101 100

151 69.7 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: 0.14 ppbv

RT: 4.35 min Scan# 208

Delta R.T. 0.04 min

Lab File: VL026651.D

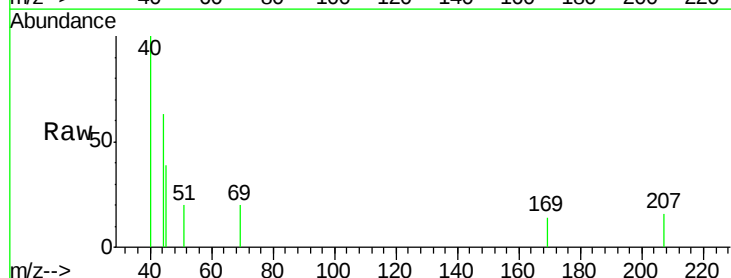
Acq: 8 Jan 2016 18:00

Tgt Ion: 45 Resp: 1118

Ion Ratio Lower Upper

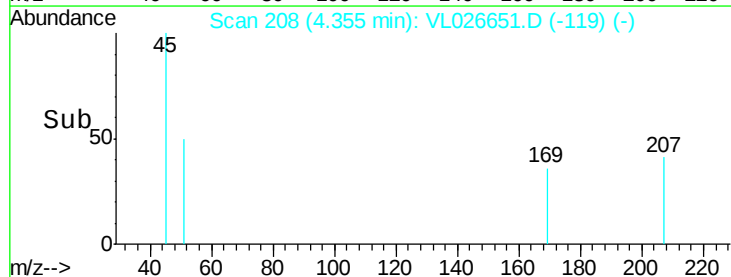
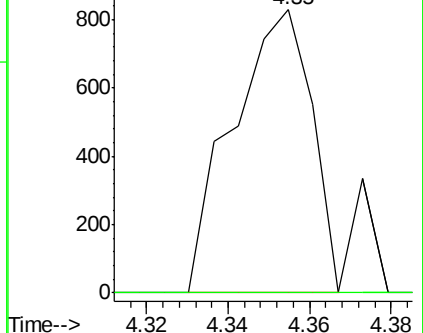
45 100

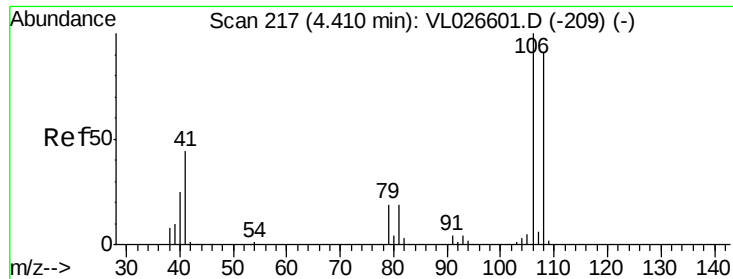
46 0.0 16.7 66.7#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#14

Bromoethene

Concen: 0.13 ppbv

RT: 4.44 min Scan# 222

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

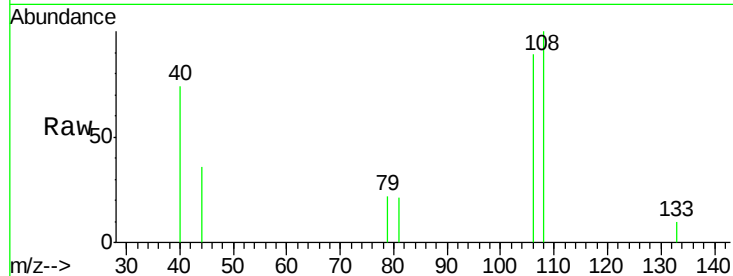
Tot Ion:108 Resp: 6457

Ion Ratio Lower Upper

108 100

106 88.4 86.3 129.5

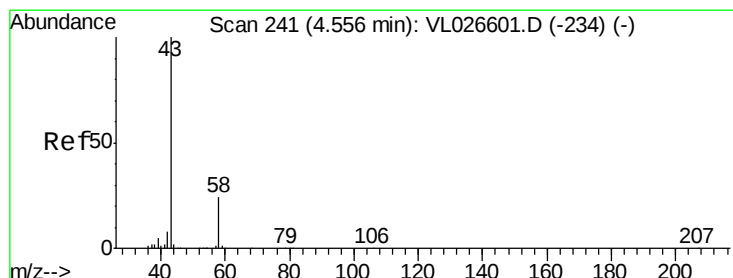
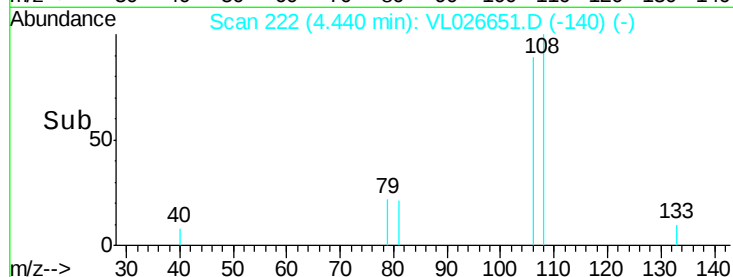
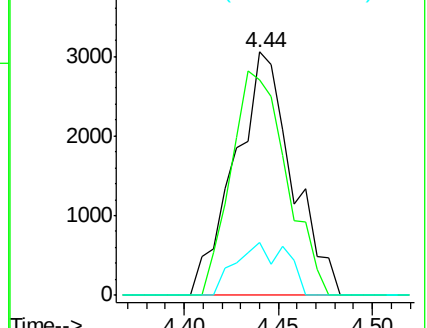
79 19.3 17.3 25.9



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: 0.24 ppbv

RT: 4.63 min Scan# 253

Delta R.T. 0.04 min

Lab File: VL026651.D

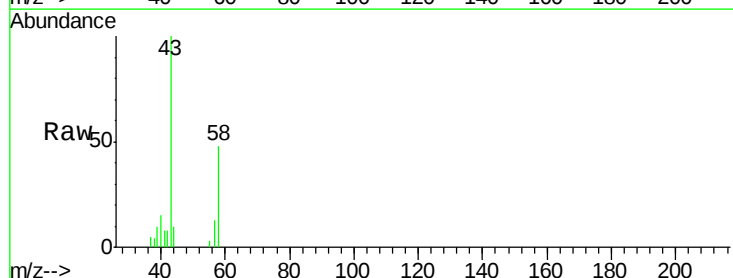
Acq: 8 Jan 2016 18:00

Tgt Ion: 43 Resp: 28843

Ion Ratio Lower Upper

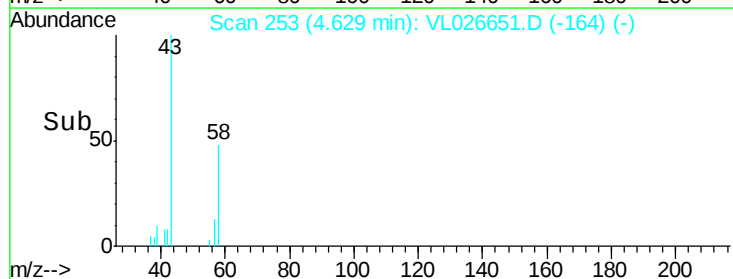
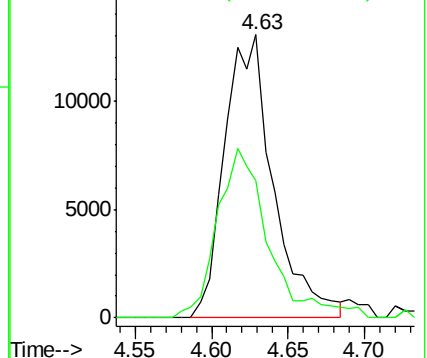
43 100

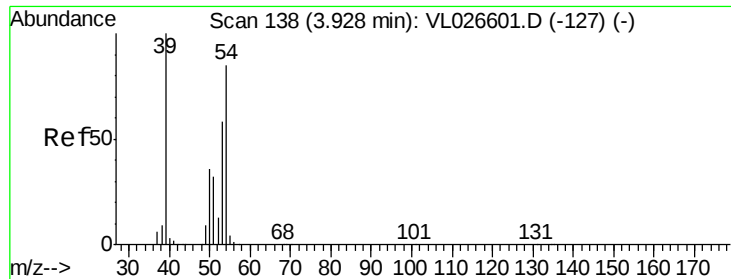
58 63.4 19.2 28.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

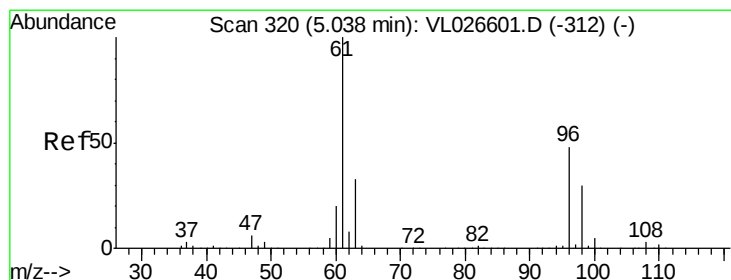
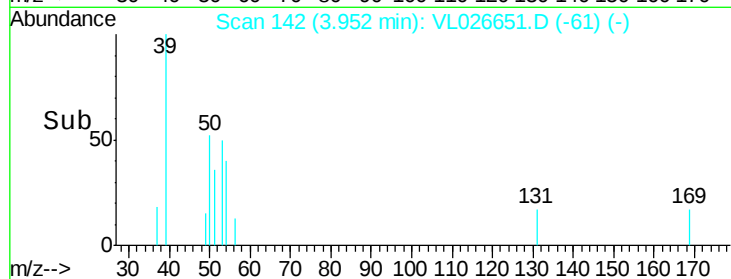
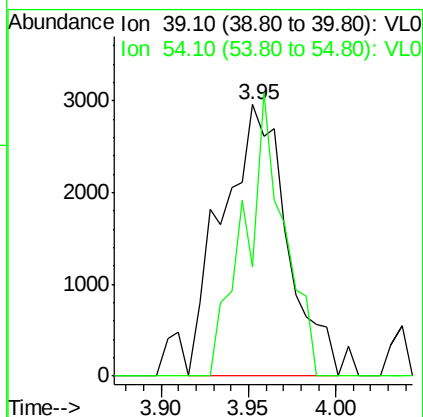
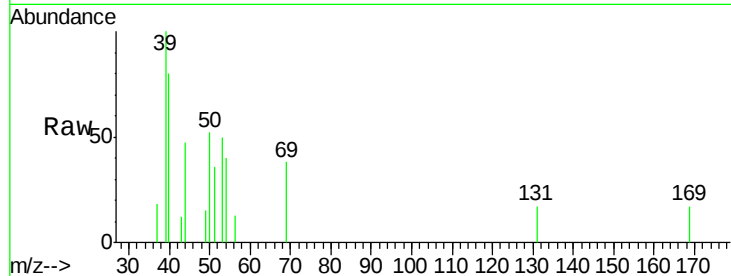




#16
 1,3-Butadiene
 Concen: 0.14 ppbv
 RT: 3.95 min Scan# 142
 Delta R.T. -0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

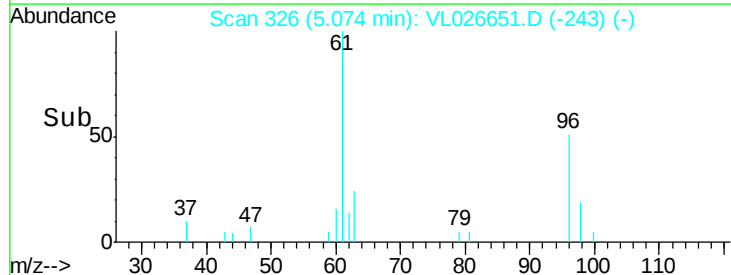
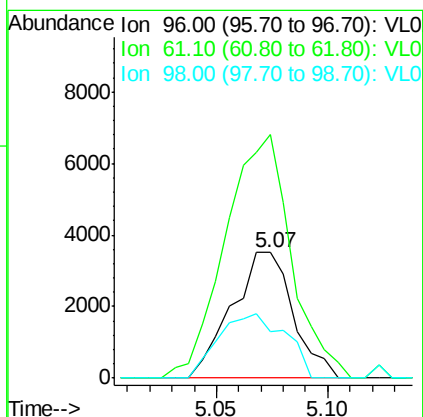
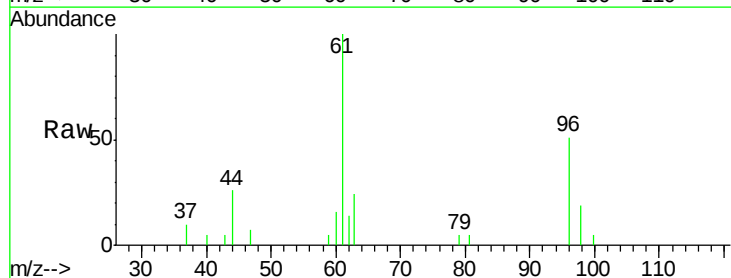
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

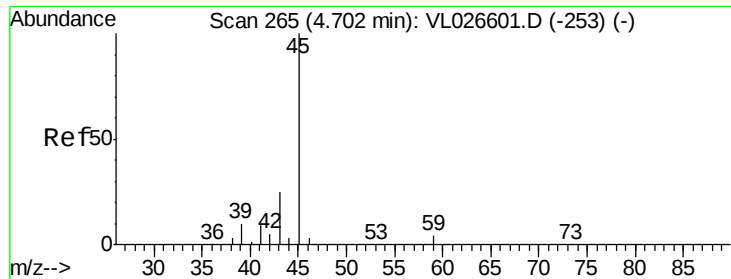
Tot Ion: 39 Resp: 7664
 Ion Ratio Lower Upper
 39 100
 54 63.5 66.4 99.6#



#18
 1,1-Dichloroethene
 Concen: 0.12 ppbv
 RT: 5.07 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion: 96 Resp: 6704
 Ion Ratio Lower Upper
 96 100
 61 182.8 176.7 265.1
 98 37.5 51.8 77.6#





#19

Isopropyl Alcohol

Concen: 0.05 ppbv

RT: 4.78 min Scan# 277

Delta R.T. 0.04 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

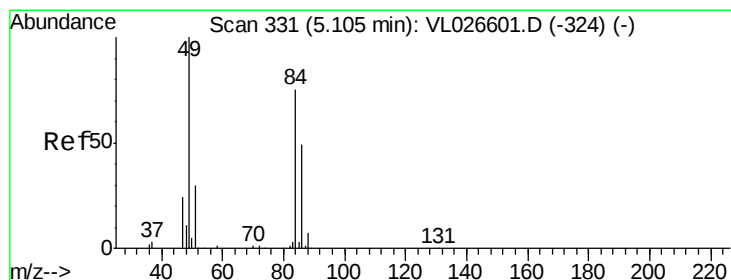
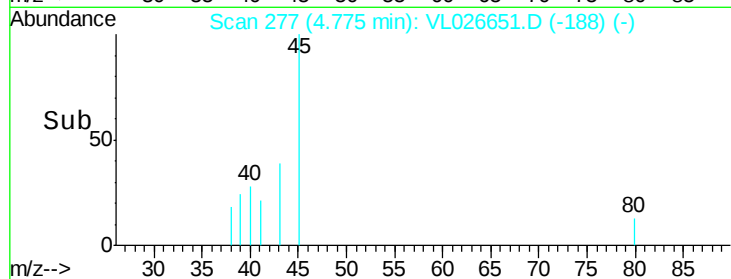
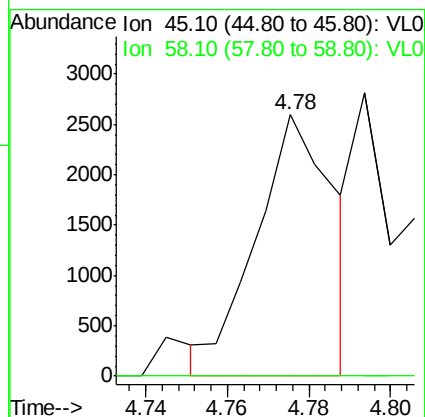
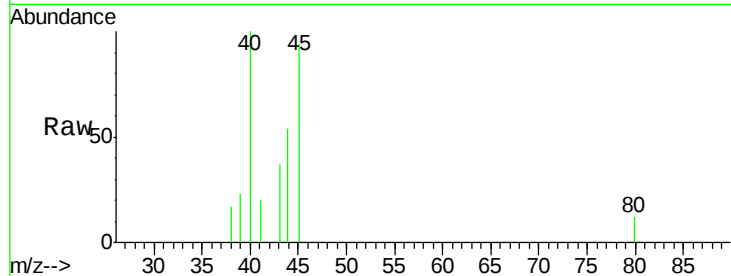
VSTDIC0.1

Tot Ion: 45 Resp: 3443

Ion Ratio Lower Upper

45 100

58 0.0 1.2 1.8#



#20

Methylene Chloride

Concen: 0.09 ppbv

RT: 5.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Tgt Ion: 84 Resp: 4716

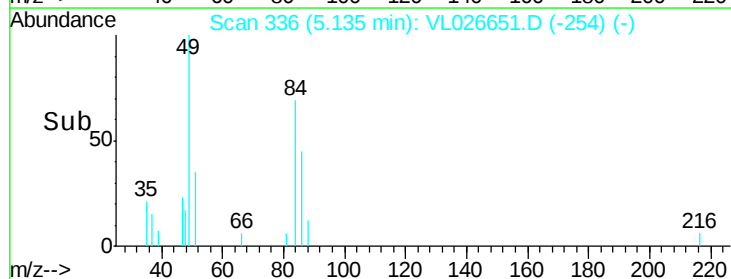
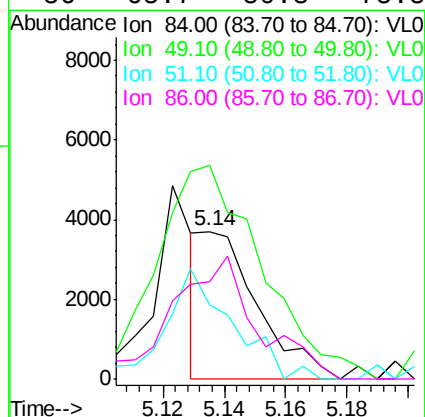
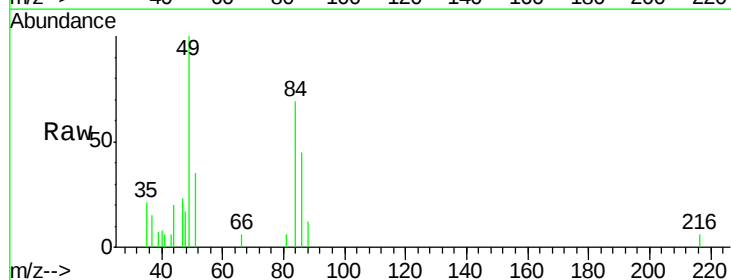
Ion Ratio Lower Upper

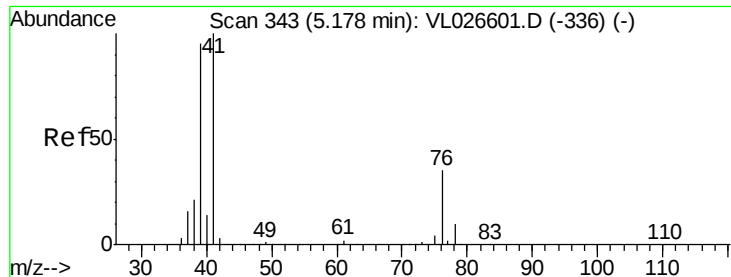
84 100

49 130.6 112.3 168.5

51 50.3 32.5 48.7#

86 65.7 50.3 75.5





#21

Allvl Chloride

Concen: 0.07 ppbv

RT: 5.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

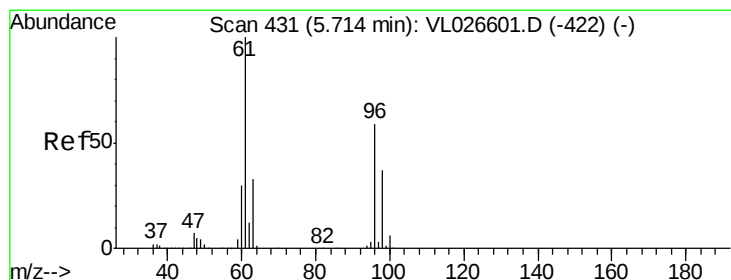
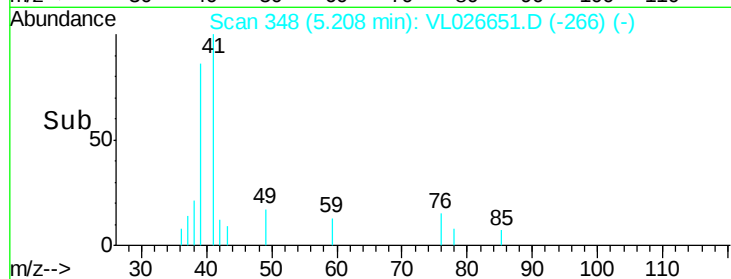
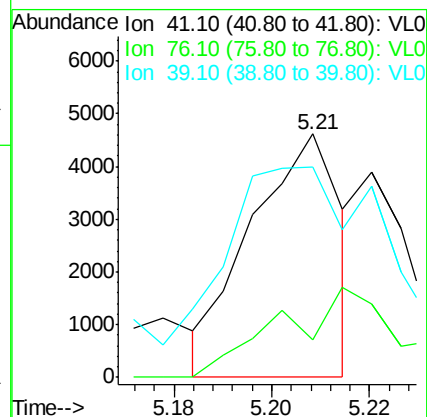
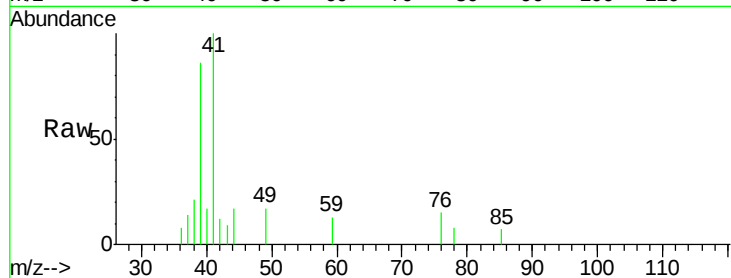
Tot Ion: 41 Resp: 5938

Ion Ratio Lower Upper

41 100

76 0.0 27.5 41.3#

39 204.1 83.2 124.8#



#22

trans-1,2-Dichloroethene

Concen: 0.11 ppbv

RT: 5.74 min Scan# 435

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

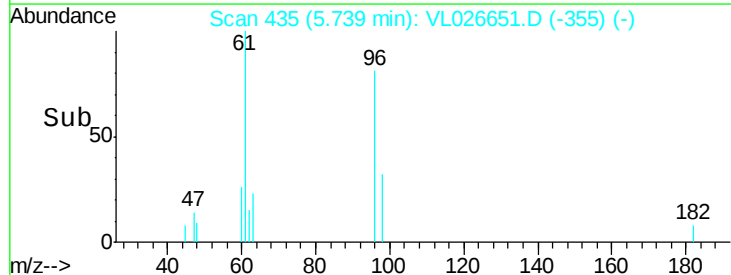
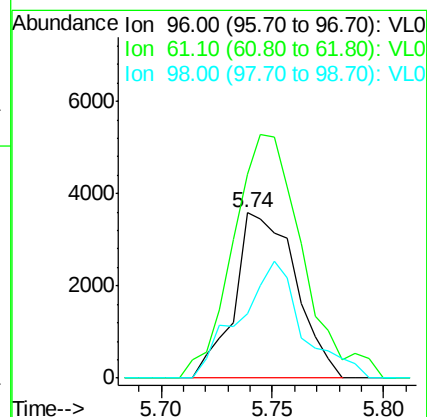
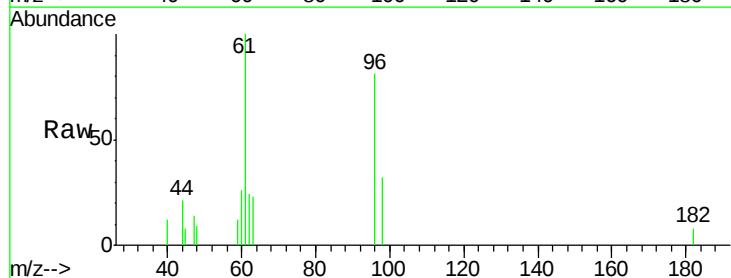
Tgt Ion: 96 Resp: 6857

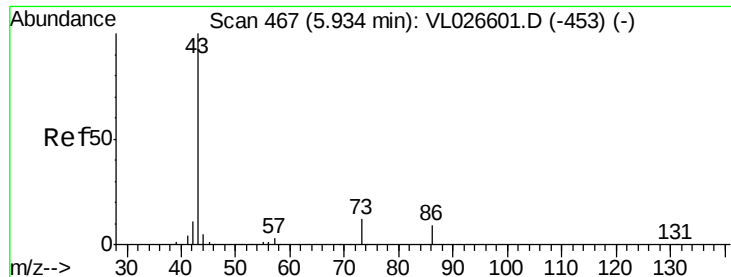
Ion Ratio Lower Upper

96 100

61 112.8 131.0 196.6#

98 39.3 48.1 72.1#





#23

Vinyl Acetate

Concen: 0.08 ppbv

RT: 5.98 min Scan# 474

Delta R.T. 0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion: 43 Resp: 18037

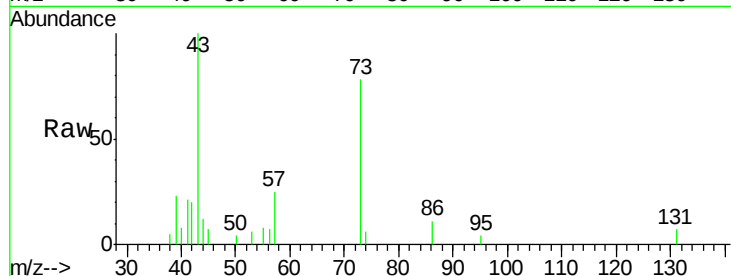
Ion Ratio Lower Upper

43 100

86 10.8 7.4 11.0

42 20.3 9.2 13.8#

44 11.5 3.8 5.8#

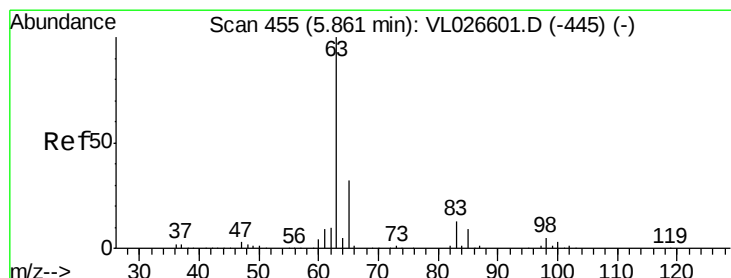
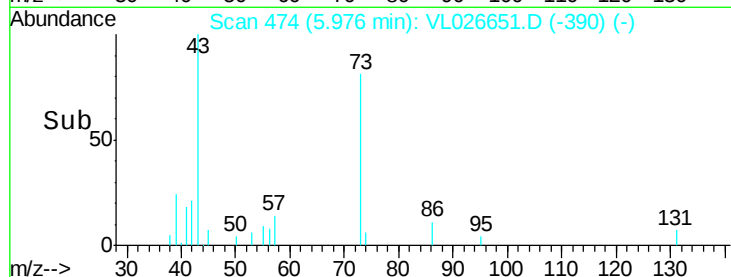
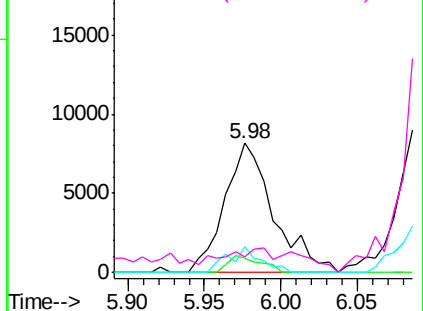


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.12 ppbv

RT: 5.88 min Scan# 459

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

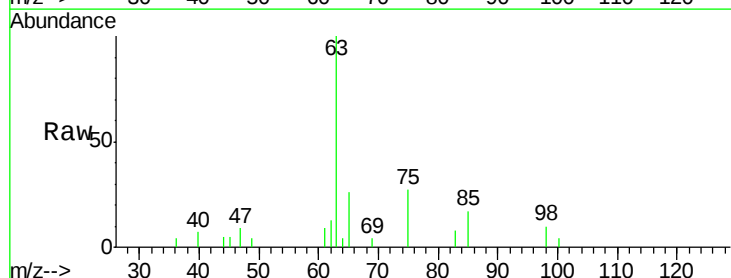
Tgt Ion: 63 Resp: 16821

Ion Ratio Lower Upper

63 100

98 9.7 2.9 8.7#

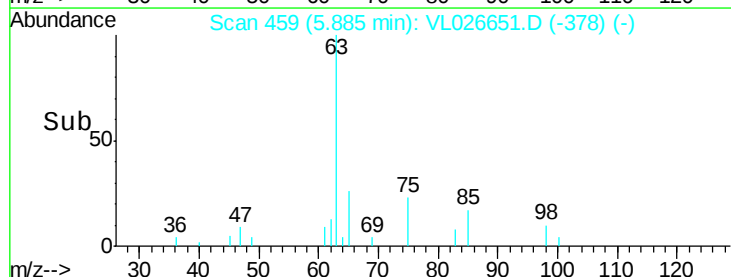
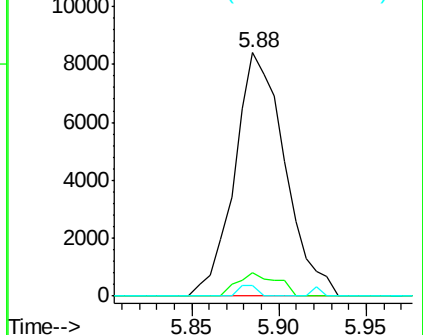
100 4.2 1.6 4.8

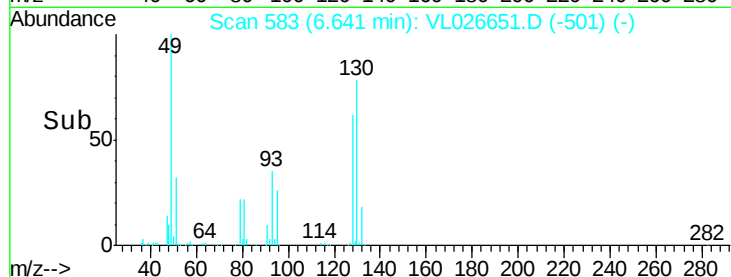
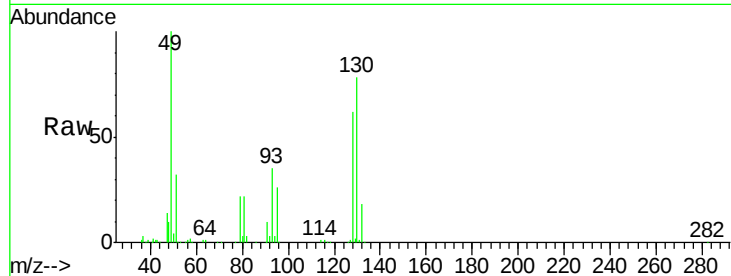
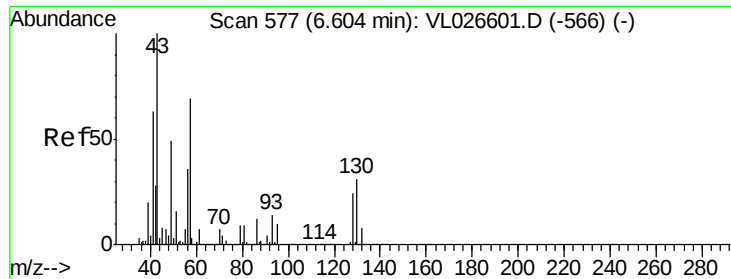


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

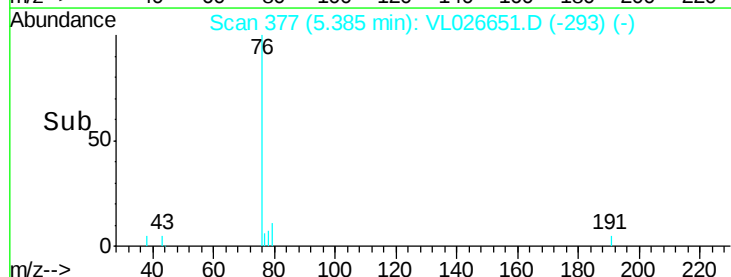
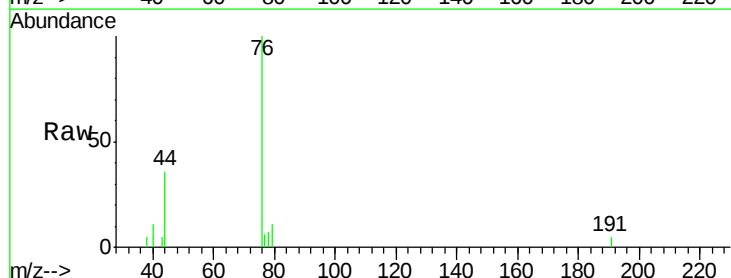
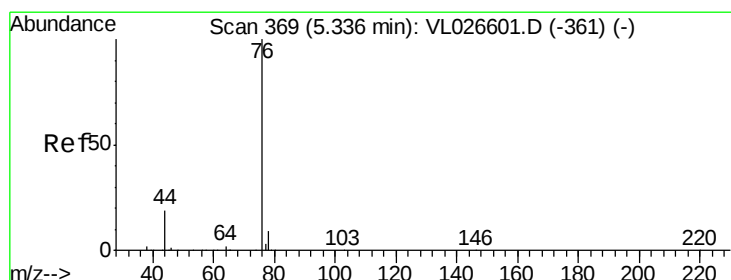
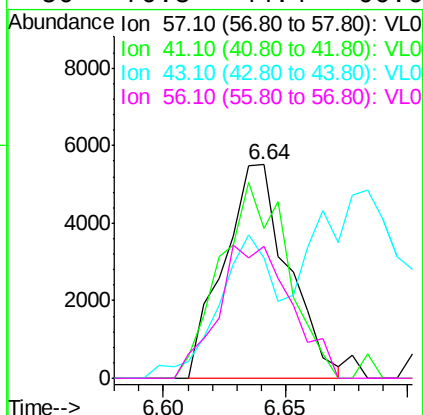




#26
Hexane
Concen: 0.10 ppbv
RT: 6.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

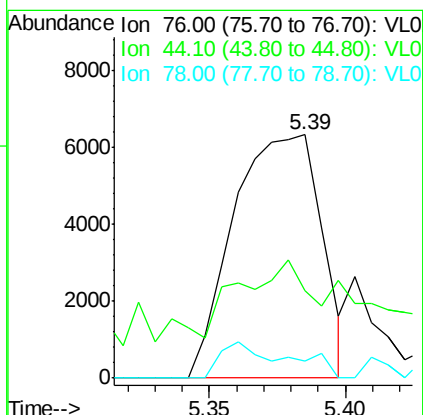
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

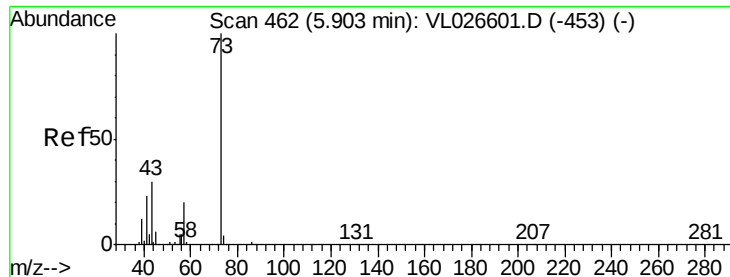
Tot Ion: 57 Resp: 10091
Ion Ratio Lower Upper
57 100
41 99.4 74.8 112.2
43 0.0 161.5 242.3#
56 70.8 44.4 66.6#



#27
Carbon Disulfide
Concen: 0.09 ppbv
RT: 5.39 min Scan# 377
Delta R.T. 0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Tgt Ion: 76 Resp: 14179
Ion Ratio Lower Upper
76 100
44 72.8 16.1 24.1#
78 14.4 7.4 11.0#





#28

Methvl tert-Butvl Ether

Concen: 0.08 ppbv

RT: 5.97 min Scan# 473

Delta R.T. 0.04 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

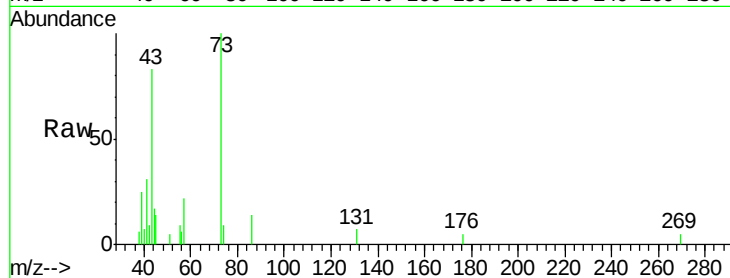
VSTDIC0.1

Tot Ion: 73 Resp: 17504

Ion Ratio Lower Upper

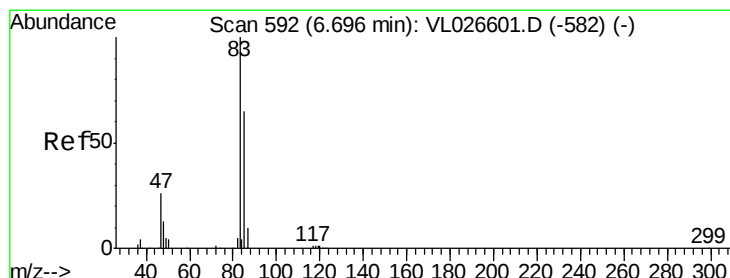
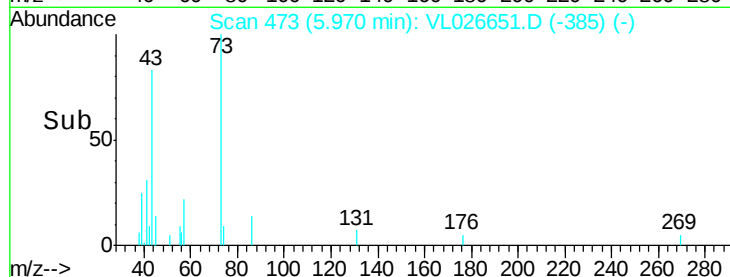
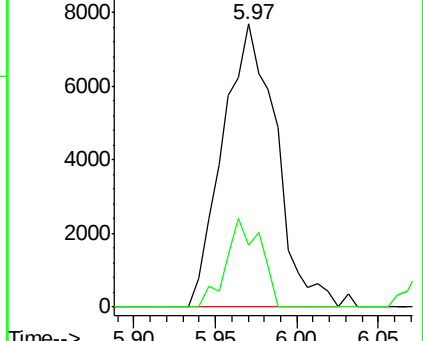
73 100

57 20.2 16.2 24.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#29

Chloroform

Concen: 0.13 ppbv

RT: 6.71 min Scan# 595

Delta R.T. -0.02 min

Lab File: VL026651.D

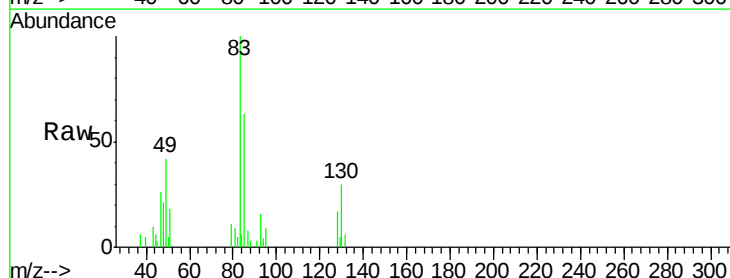
Acq: 8 Jan 2016 18:00

Tgt Ion: 83 Resp: 23441

Ion Ratio Lower Upper

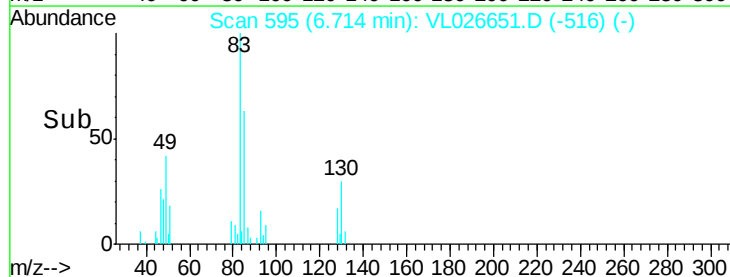
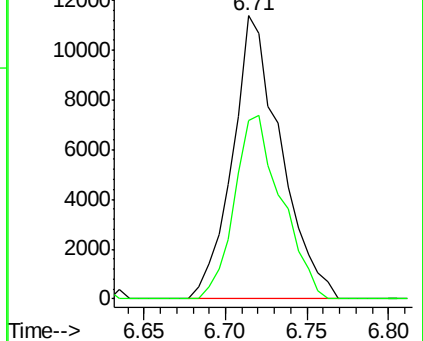
83 100

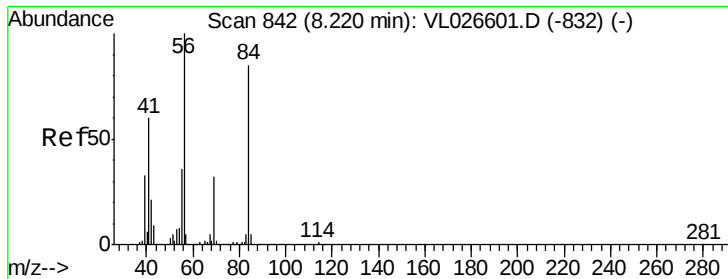
85 63.2 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





#30

Cvclohexane

Concen: 0.11 ppbv

RT: 8.27 min Scan# 851

Delta R.T. 0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

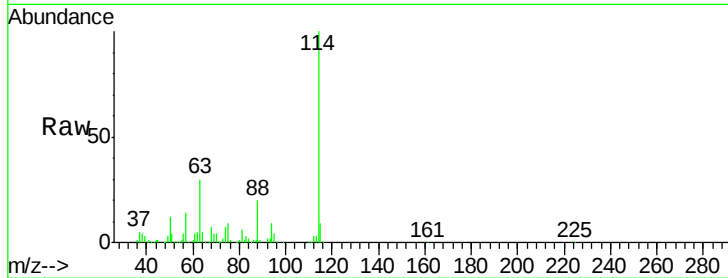
MSVOA_L

ClientSampleId :

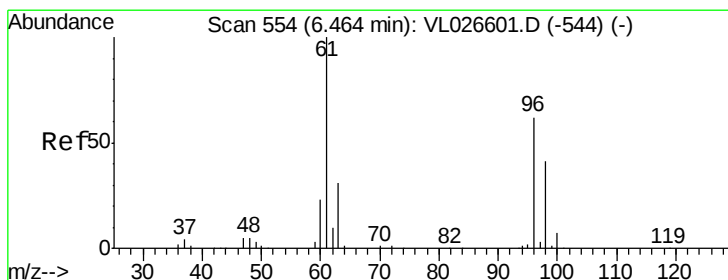
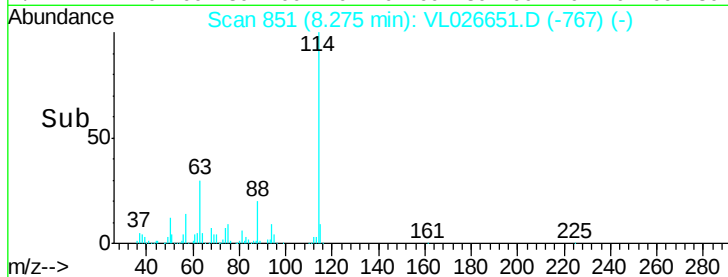
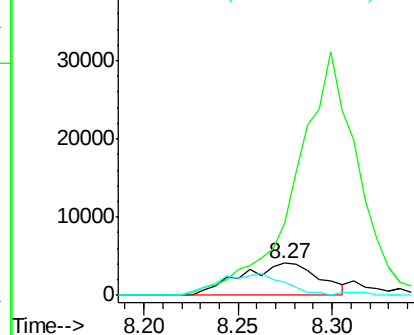
VSTDIC0.1

Tot Ion: 84 Resp: 11807

Ion	Ratio	Lower	Upper
84	100		
56	0.0	95.9	143.9#
41	61.5	54.8	82.2



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.10 ppbv

RT: 6.50 min Scan# 560

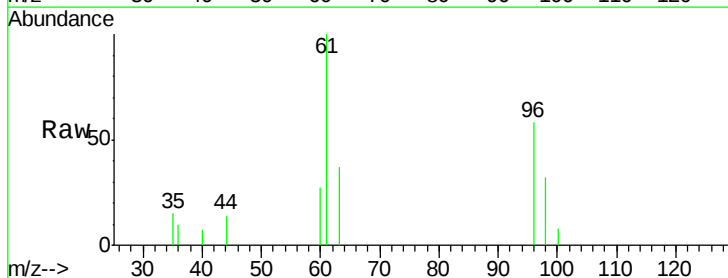
Delta R.T. -0.00 min

Lab File: VL026651.D

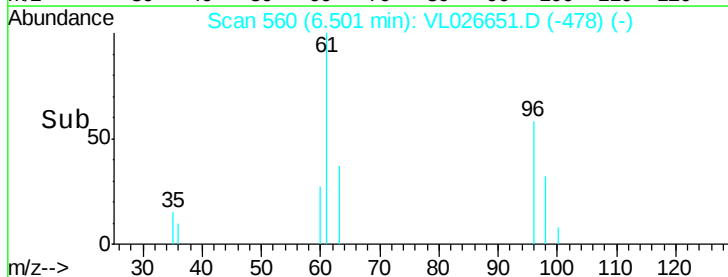
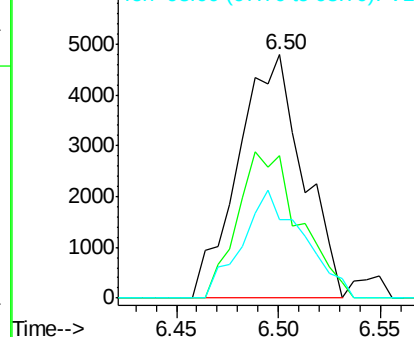
Acq: 8 Jan 2016 18:00

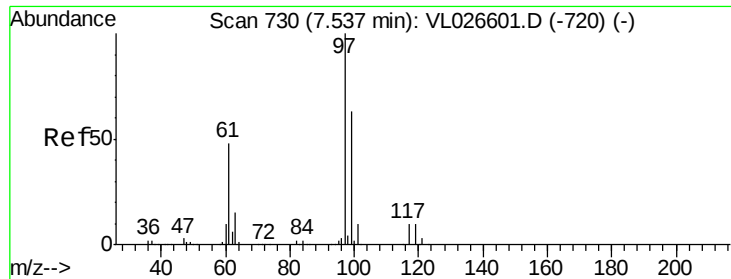
Tgt Ion: 61 Resp: 10603

Ion	Ratio	Lower	Upper
61	100		
96	58.4	50.2	75.4
98	32.0	32.4	48.6#



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





#32

1,1,1-Trichloroethane

Concen: 0.11 ppbv

RT: 7.57 min Scan# 735

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

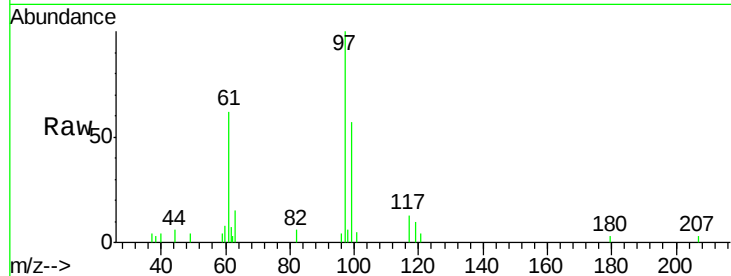
Tot Ion: 97 Resp: 21570

Ion Ratio Lower Upper

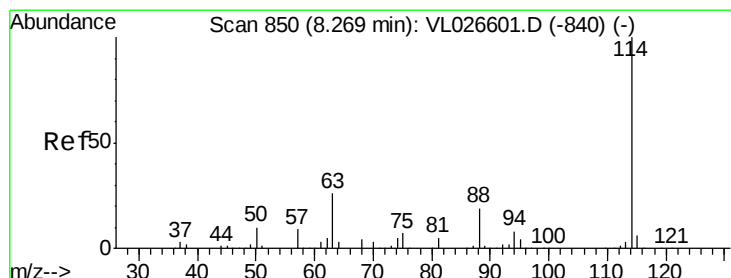
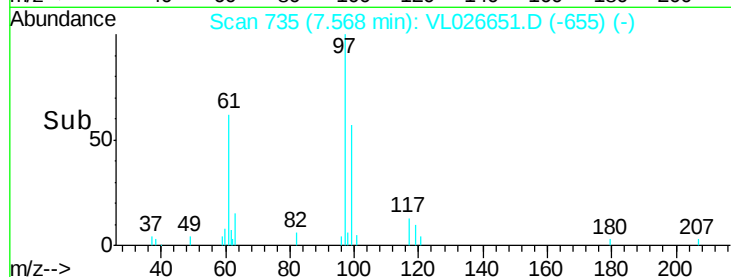
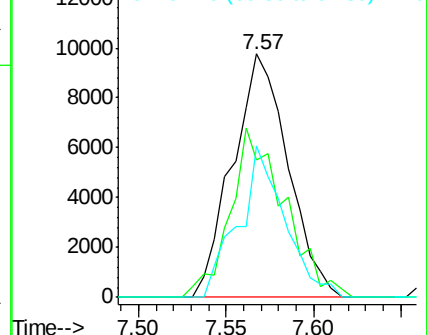
97 100

99 67.5 50.8 76.2

61 51.7 38.6 58.0



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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.30 min Scan# 855

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

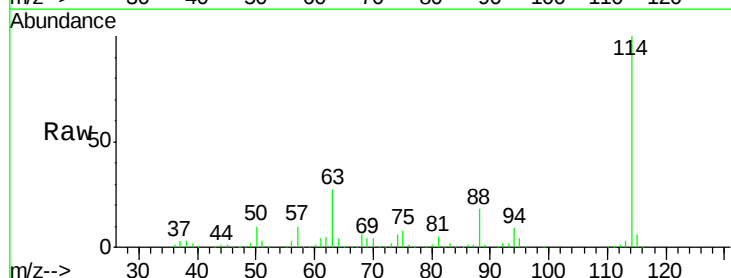
Tgt Ion: 114 Resp: 2453651

Ion Ratio Lower Upper

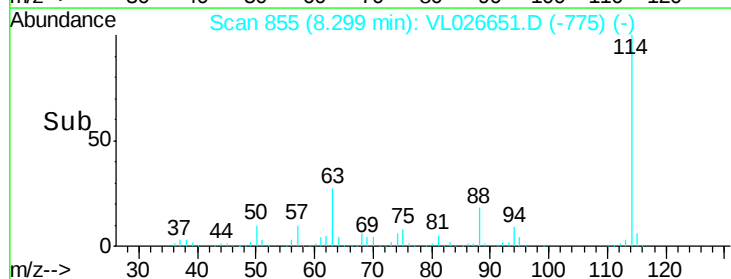
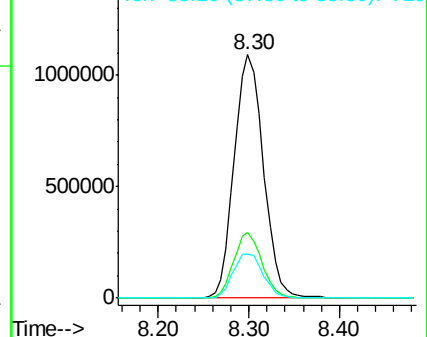
114 100

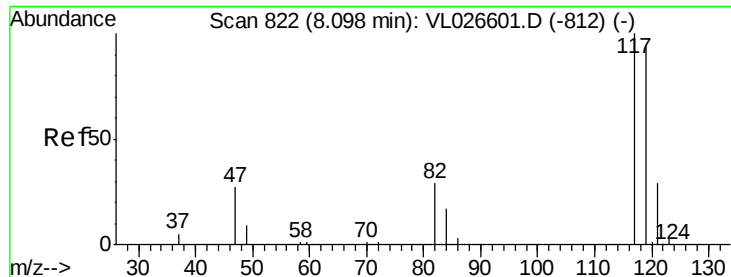
63 26.2 21.7 32.5

88 18.8 15.2 22.8



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





#35

Carbon Tetrachloride

Concen: 0.11 ppbv

RT: 8.13 min Scan# 828

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

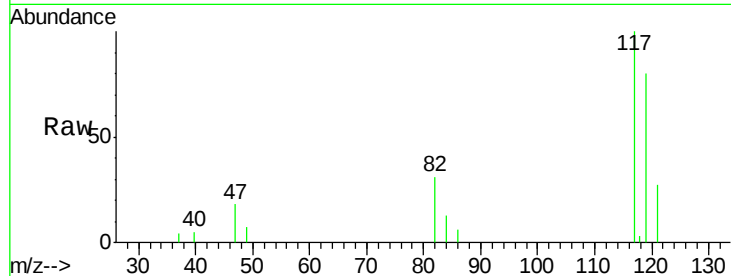
Tot Ion:117 Resp: 22290

Ion Ratio Lower Upper

117 100

119 79.7 74.7 112.1

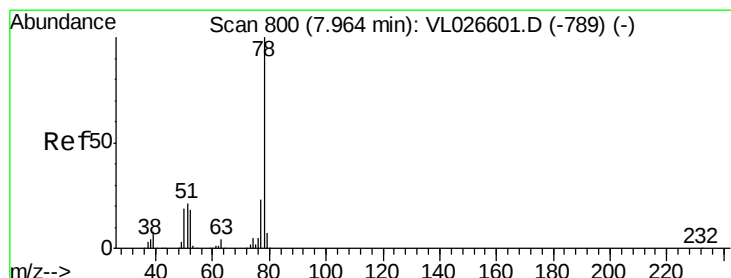
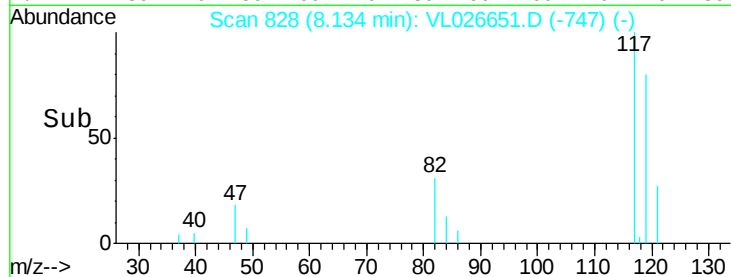
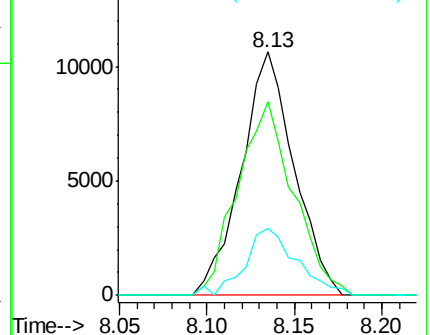
121 27.5 23.1 34.7



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: 0.09 ppbv

RT: 7.99 min Scan# 805

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

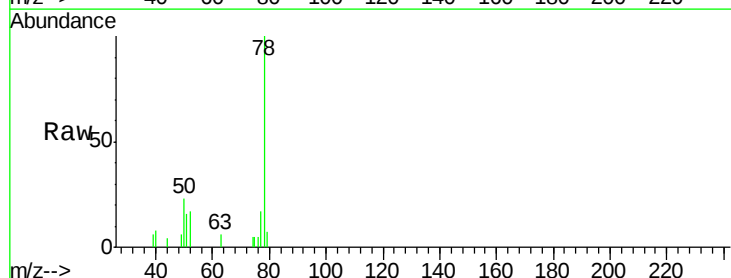
Tgt Ion: 78 Resp: 21385

Ion Ratio Lower Upper

78 100

77 17.0 18.5 27.7#

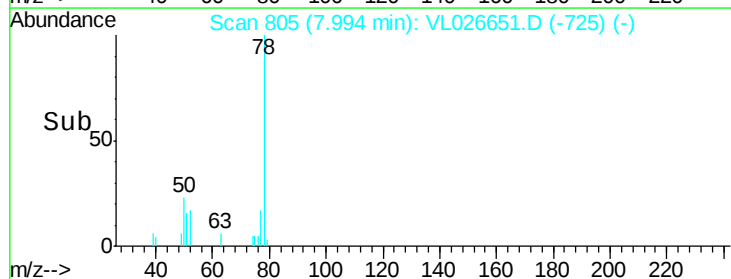
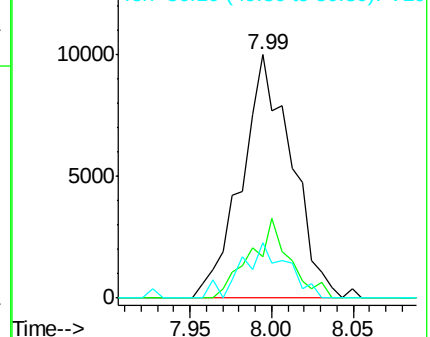
50 22.8 15.4 23.2

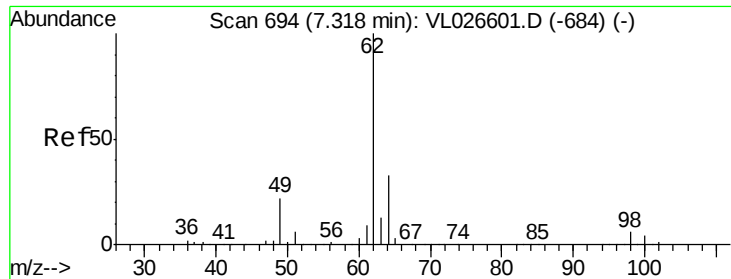


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

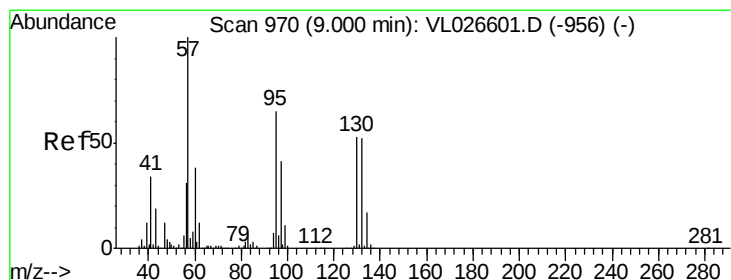
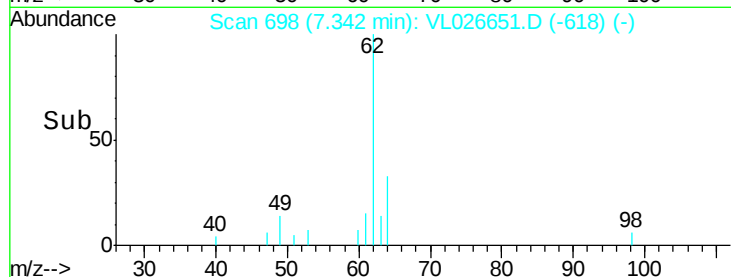
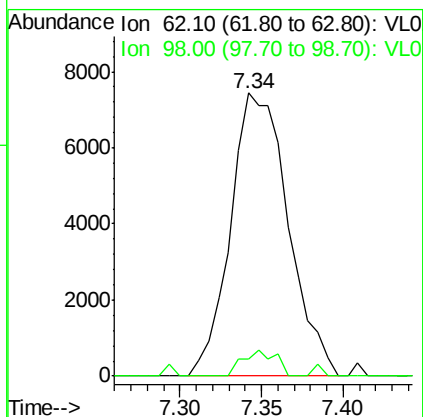
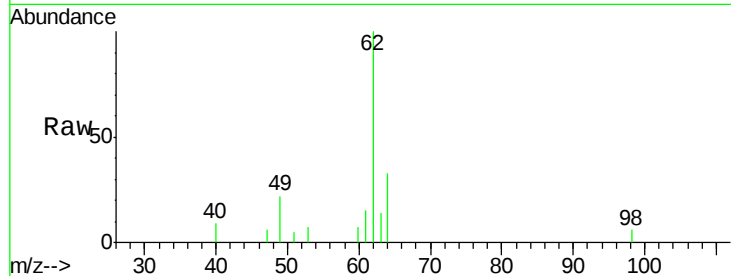




#37
 1,2-Dichloroethane
 Concen: 0.11 ppbv
 RT: 7.34 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

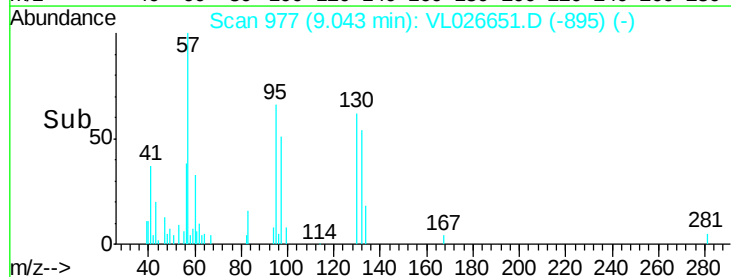
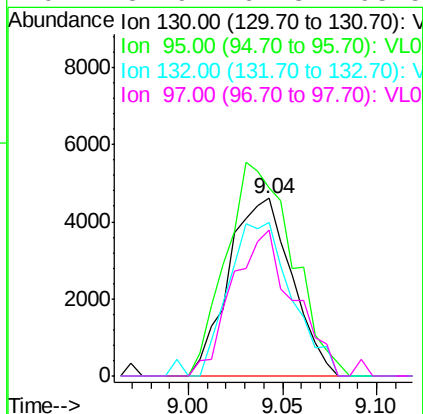
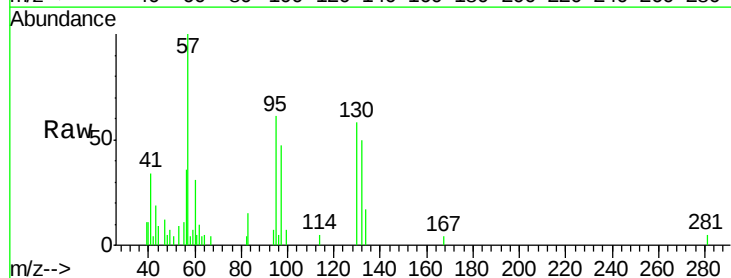
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

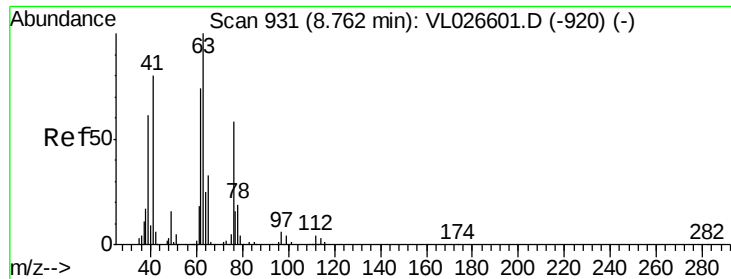
Tot Ion: 62 Resp: 18294
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.8 7.2



#38
 Trichloroethene
 Concen: 0.11 ppbv
 RT: 9.04 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion:130 Resp: 10687
 Ion Ratio Lower Upper
 130 100
 95 105.5 96.6 145.0
 132 86.1 76.2 114.4
 97 81.9 62.3 93.5

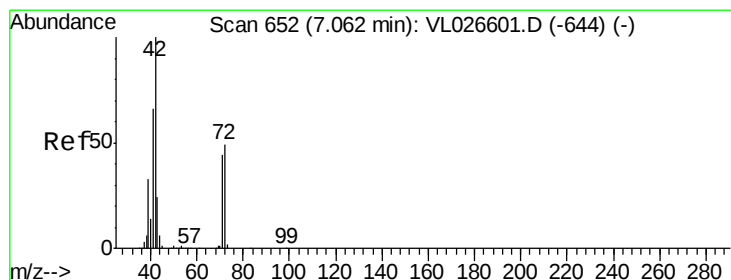
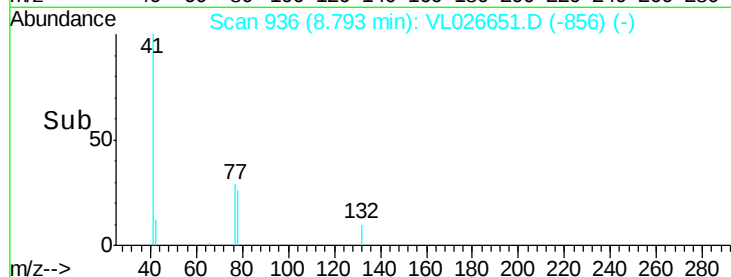
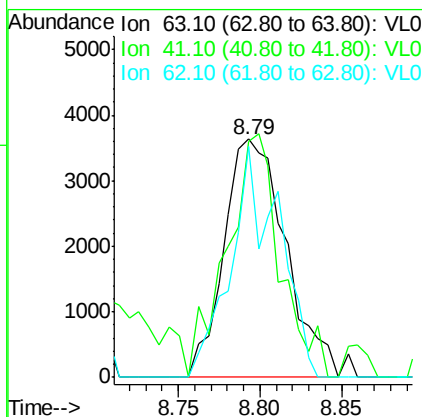
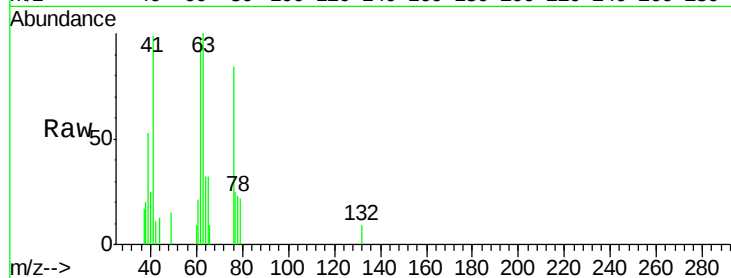




#39
 1,2-Dichloropropane
 Concen: 0.11 ppbv
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

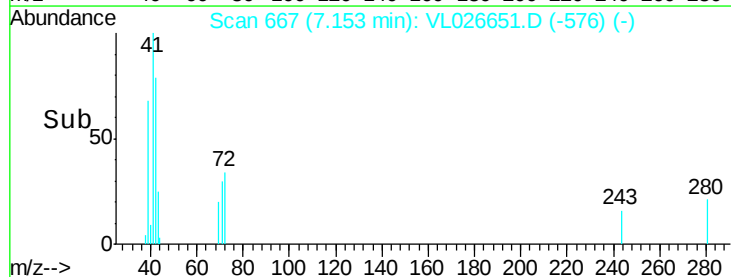
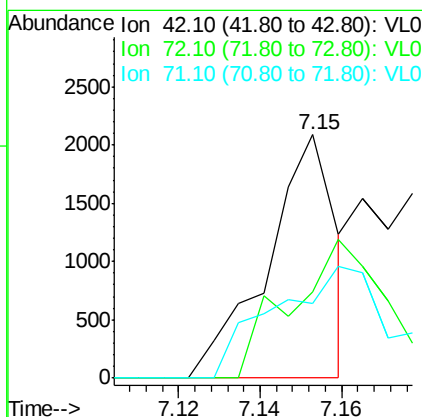
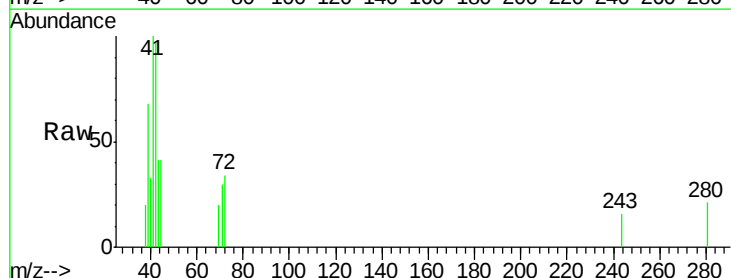
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

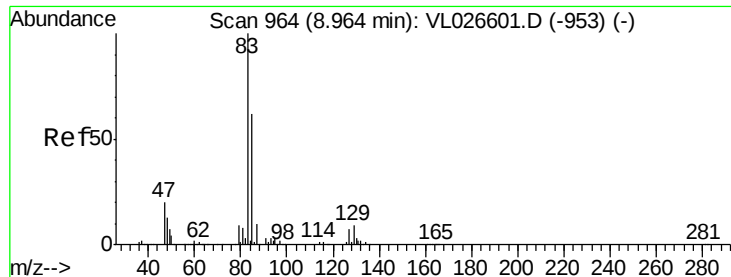
Tot Ion: 63 Resp: 9553
 Ion Ratio Lower Upper
 63 100
 41 99.3 64.1 96.1#
 62 96.7 56.6 84.8#



#41
 Tetrahydrofuran
 Concen: 0.04 ppbv
 RT: 7.15 min Scan# 667
 Delta R.T. 0.05 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion: 42 Resp: 2441
 Ion Ratio Lower Upper
 42 100
 72 88.7 40.6 60.8#
 71 90.0 38.4 57.6#





#42

Bromodichloromethane

Concen: 0.09 ppbv

RT: 8.99 min Scan# 969

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

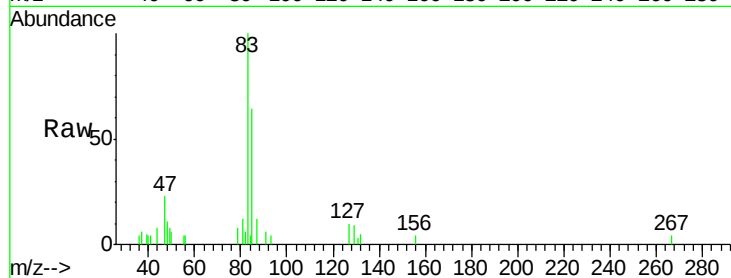
Tot Ion: 83 Resp: 20195

Ion Ratio Lower Upper

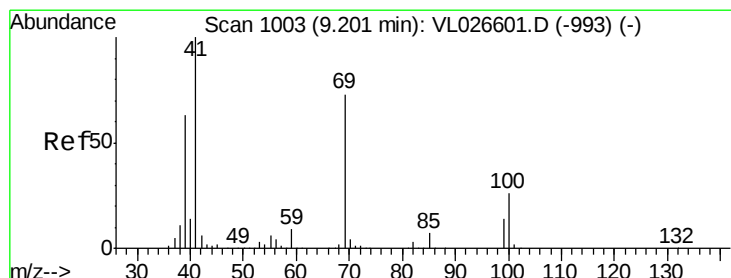
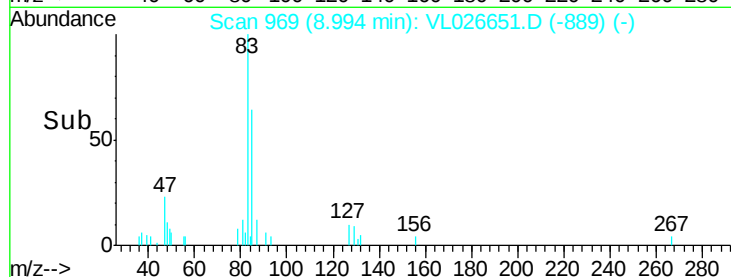
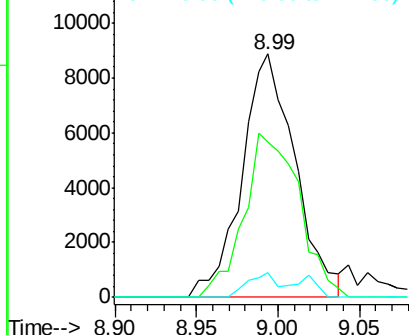
83 100

85 64.0 50.9 76.3

127 10.0 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: 0.05 ppbv

RT: 9.26 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

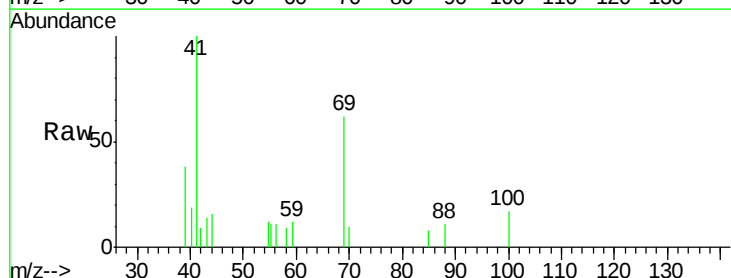
Tgt Ion: 69 Resp: 4527

Ion Ratio Lower Upper

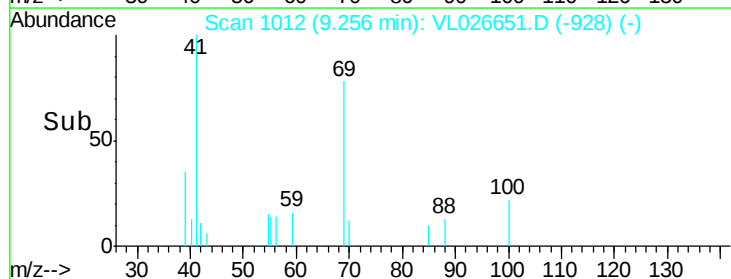
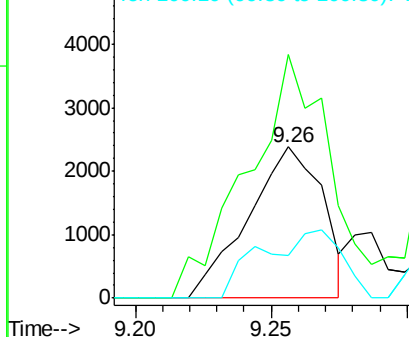
69 100

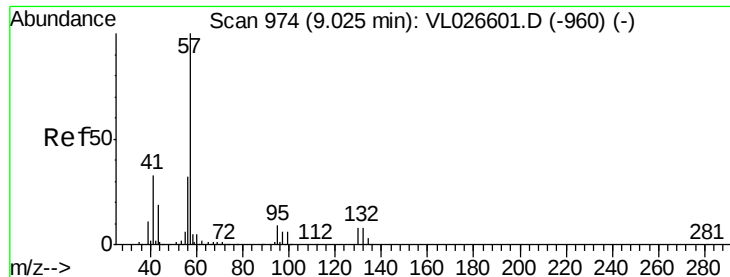
41 187.2 106.1 159.1#

100 48.6 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: 0.08 ppbv

RT: 9.06 min Scan# 980

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

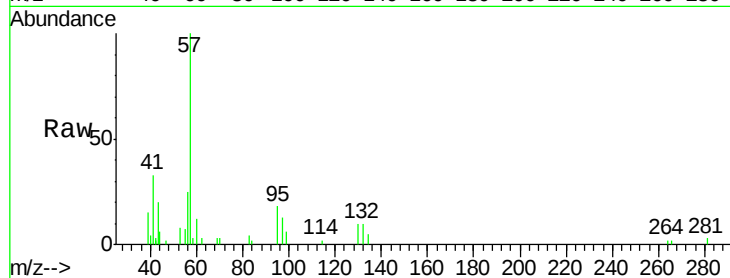
Tot Ion: 57 Resp: 32073

Ion Ratio Lower Upper

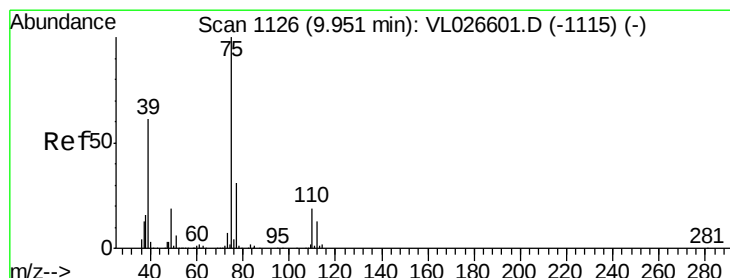
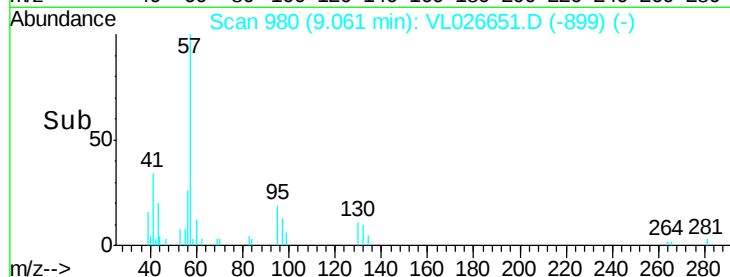
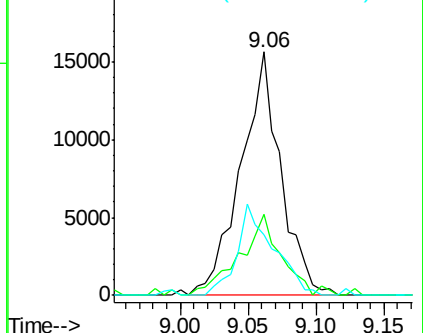
57 100

41 36.4 26.9 40.3

56 35.4 25.4 38.0



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 0.03 ppbv

RT: 10.00 min Scan# 1134

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

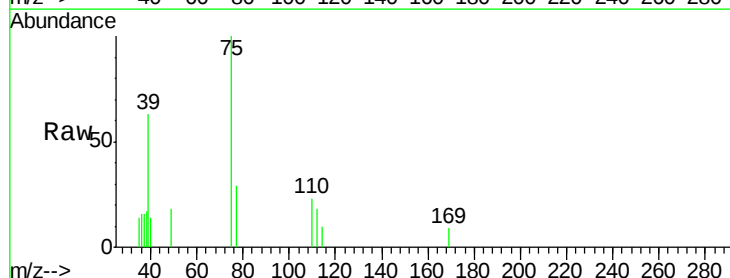
Tgt Ion: 75 Resp: 5559

Ion Ratio Lower Upper

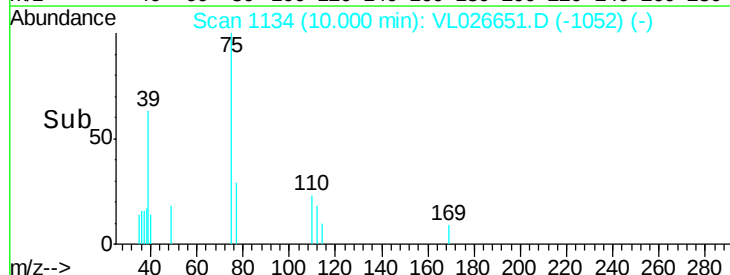
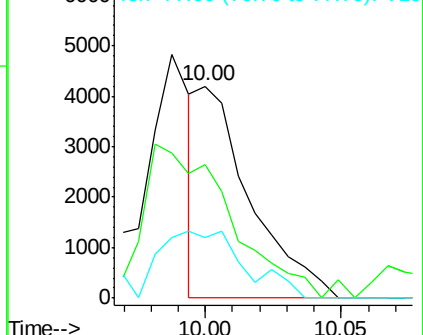
75 100

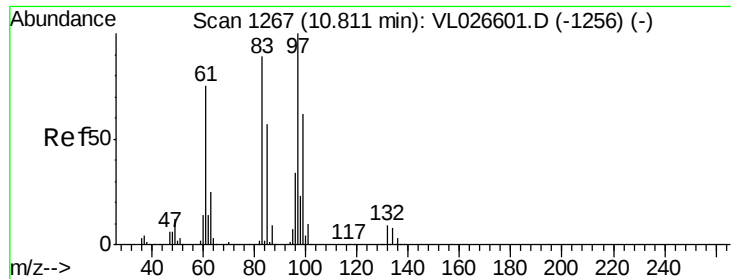
39 54.6 51.2 76.8

77 28.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VL0
Ion 39.00 (38.70 to 39.70): VL0
Ion 77.00 (76.70 to 77.70): VL0

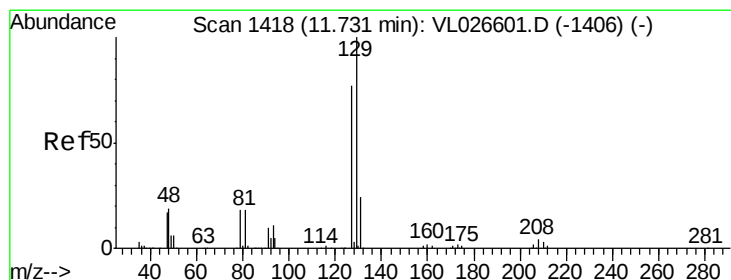
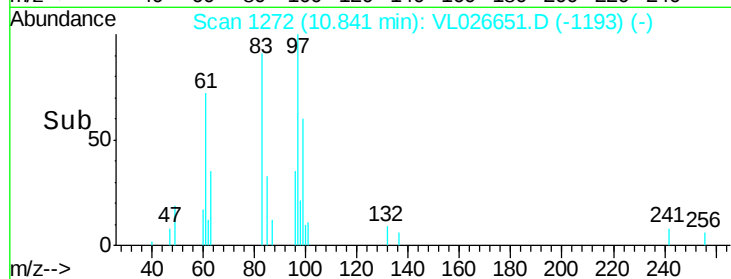
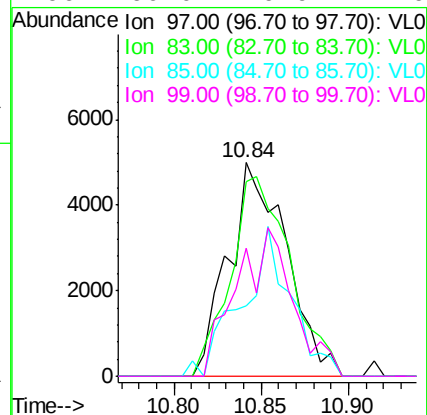
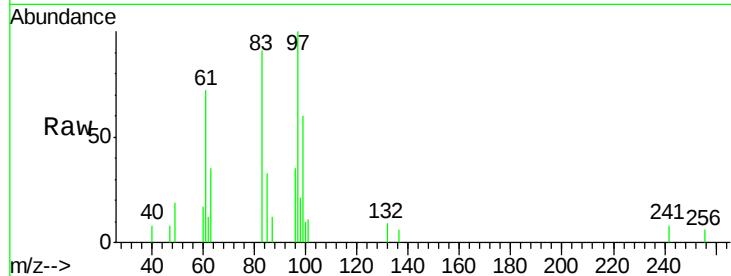




#47
 1,1,2-Trichloroethane
 Concen: 0.10 ppbv
 RT: 10.84 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

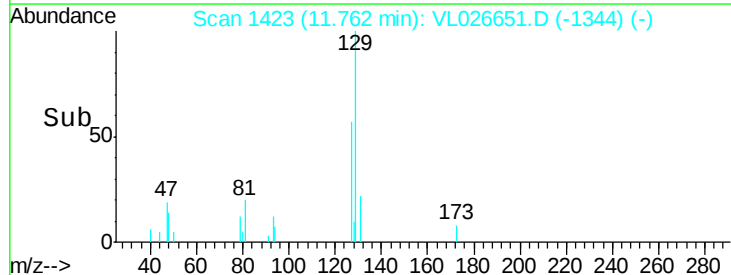
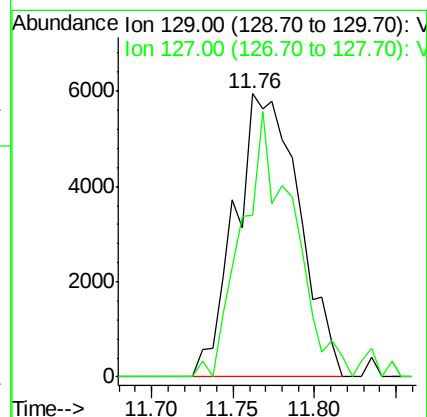
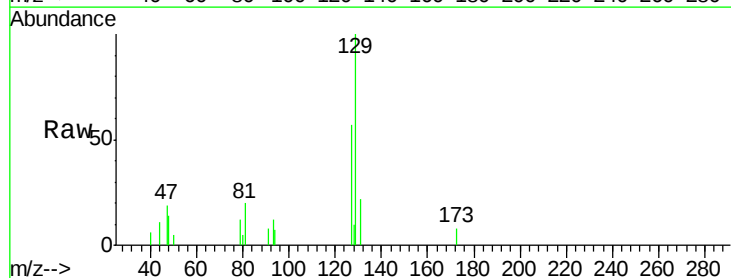
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

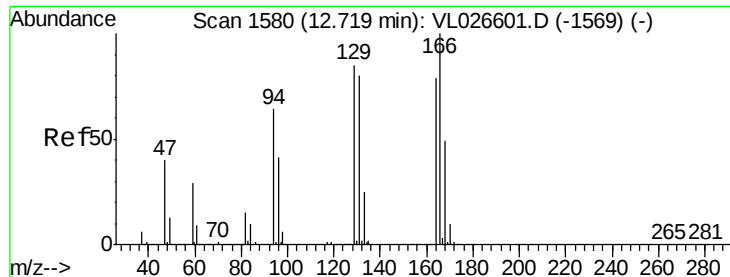
Tot Ion: 97 Resp: 11549
 Ion Ratio Lower Upper
 97 100
 83 91.3 69.5 104.3
 85 33.1 46.4 69.6#
 99 60.0 49.9 74.9



#48
 Dibromochloromethane
 Concen: 0.09 ppbv
 RT: 11.76 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion: 129 Resp: 16201
 Ion Ratio Lower Upper
 129 100
 127 78.2 39.5 118.5





#52

Tetrachloroethene

Concen: 0.06 ppbv

RT: 12.76 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tot Ion:164 Resp: 6537

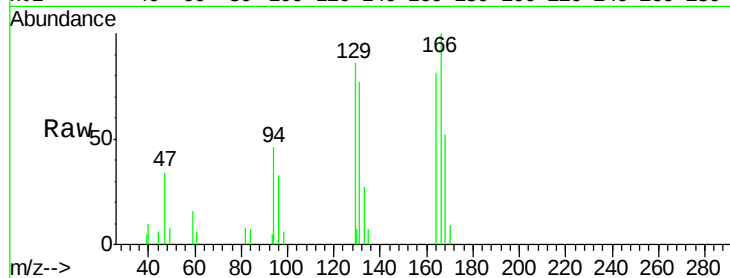
Ion Ratio Lower Upper

164 100

166 123.9 102.5 153.7

129 106.4 87.0 130.6

131 86.9 82.5 123.7

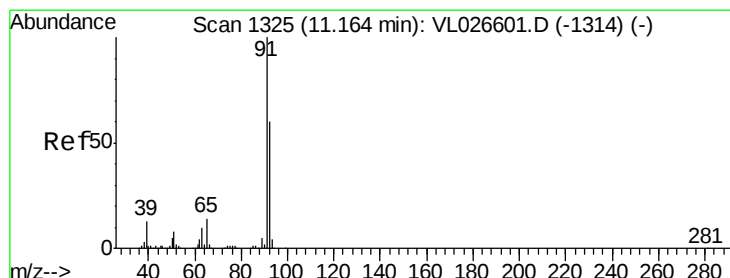
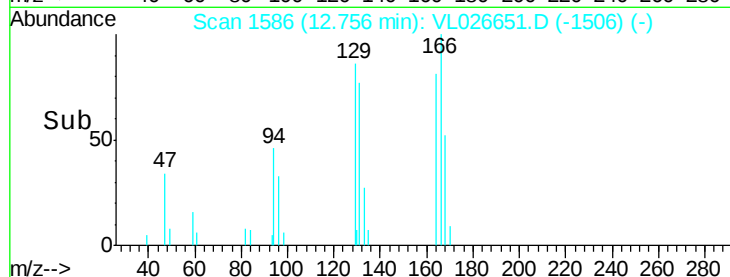
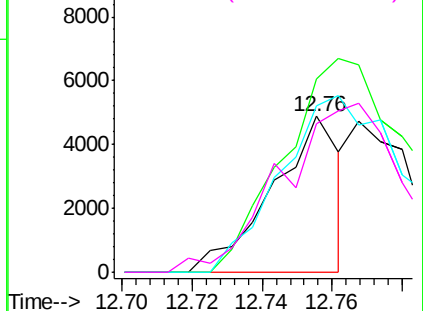


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.04 ppbv

RT: 11.21 min Scan# 1332

Delta R.T. -0.01 min

Lab File: VL026651.D

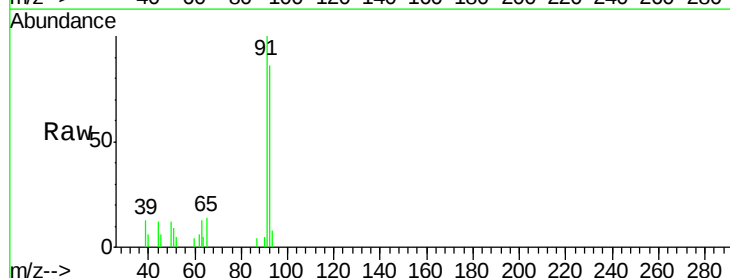
Acq: 8 Jan 2016 18:00

Tgt Ion: 91 Resp: 13022

Ion Ratio Lower Upper

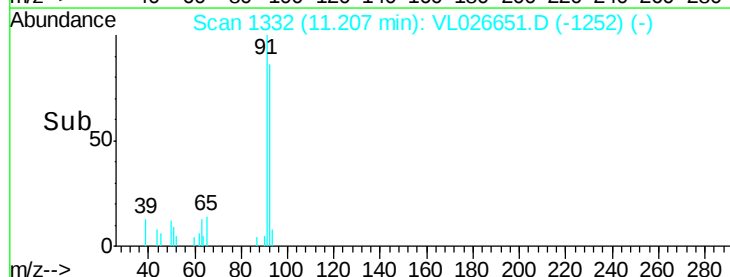
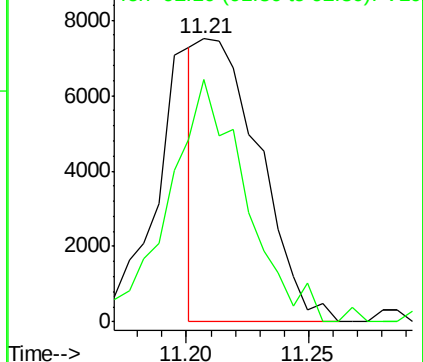
91 100

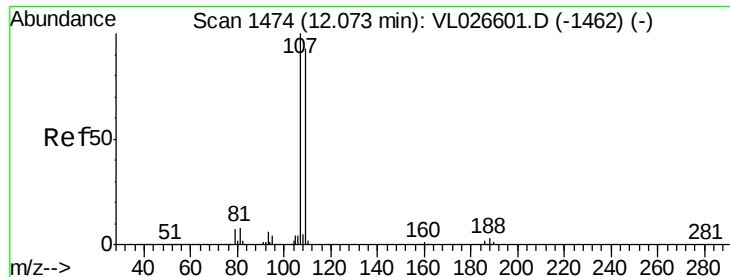
92 108.6 48.2 72.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#54

1,2-Dibromoethane

Concen: 0.10 ppbv

RT: 12.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

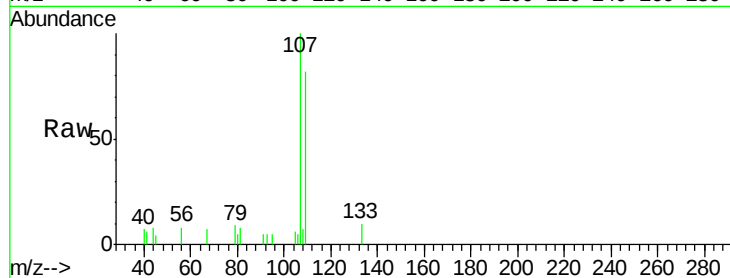
VSTDIC0.1

Tot Ion:107 Resp: 18553

Ion Ratio Lower Upper

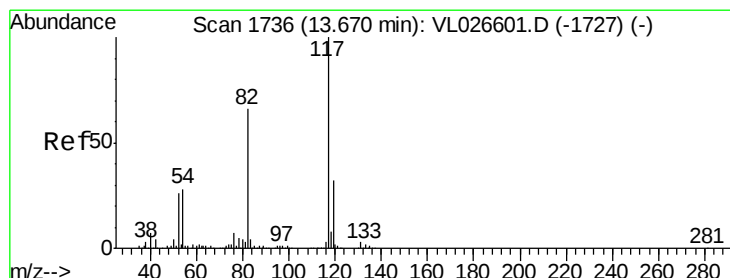
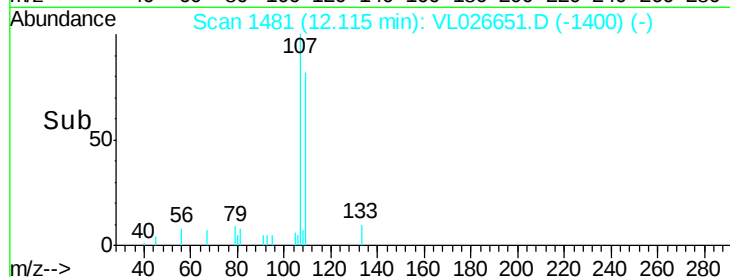
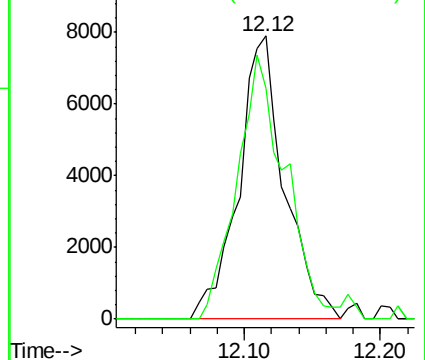
107 100

109 81.5 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: 13.71 min Scan# 1743

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

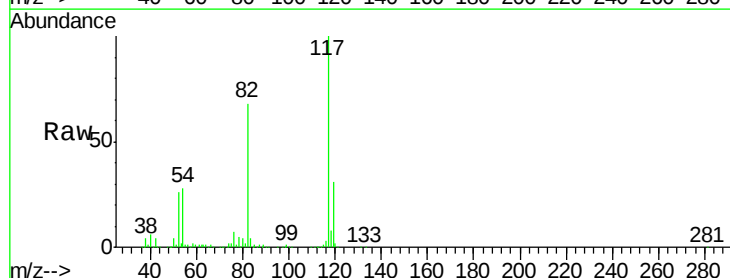
Tgt Ion:117 Resp: 3184011

Ion Ratio Lower Upper

117 100

82 65.9 52.4 78.6

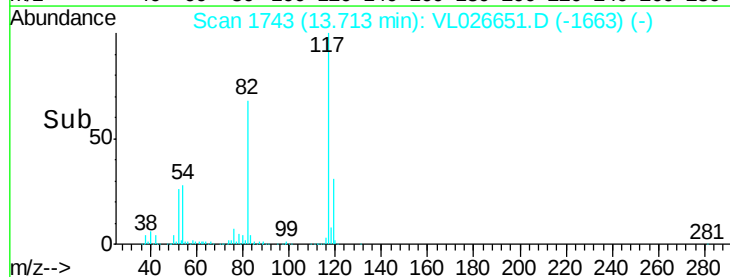
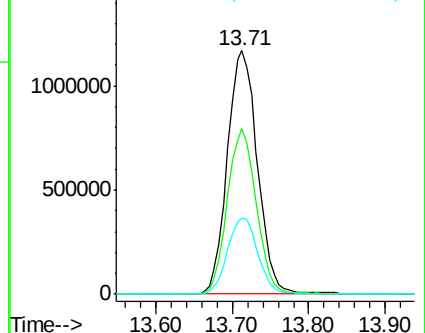
119 31.8 46.1 69.1#

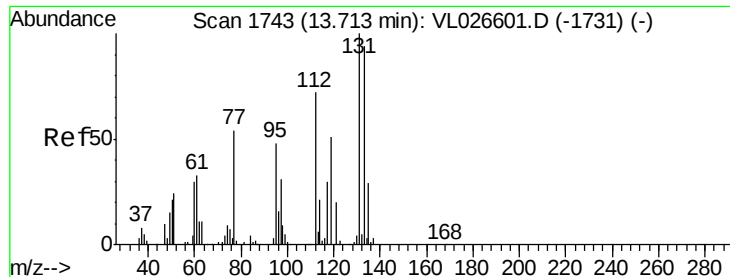


Abundance Ion 117.10 (116.80 to 117.80): V

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: 0.06 ppbv

RT: 13.76 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

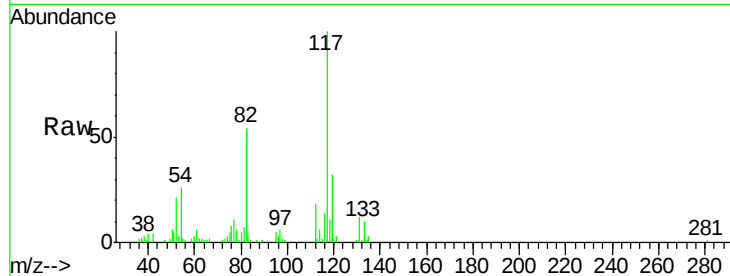
Tot Ion:131 Resp: 8420

Ion Ratio Lower Upper

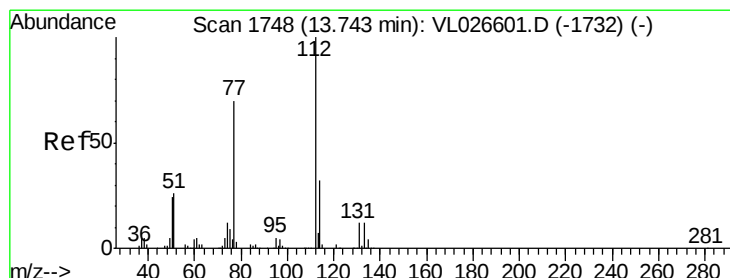
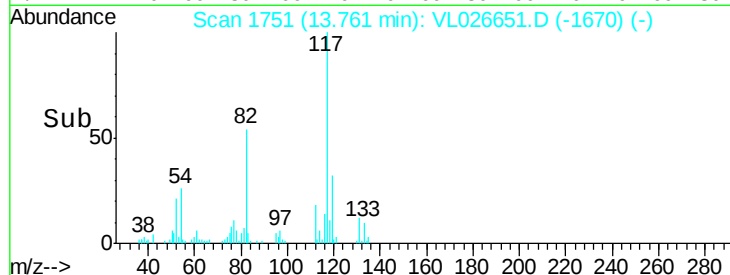
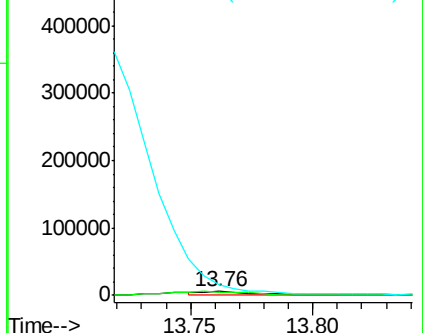
131 100

133 173.5 76.2 114.4#

119 0.0 104.3 156.5#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#57

Chlorobenzene

Concen: 0.13 ppbv

RT: 13.78 min Scan# 1754

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

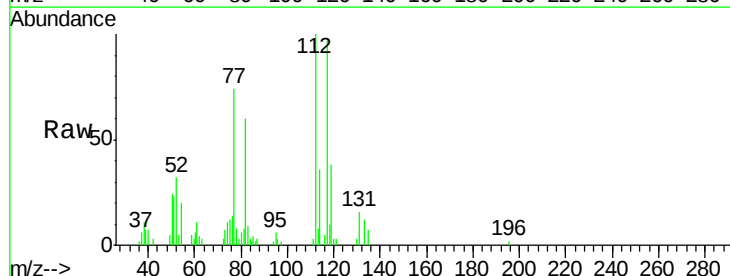
Tgt Ion:112 Resp: 39431

Ion Ratio Lower Upper

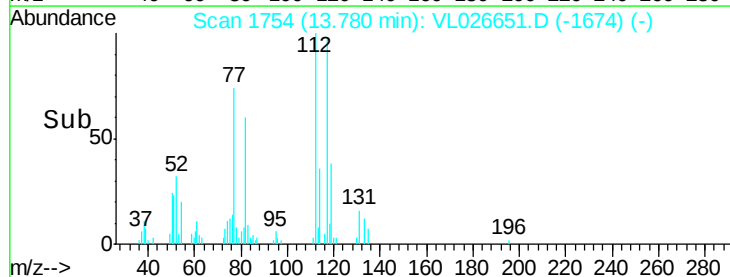
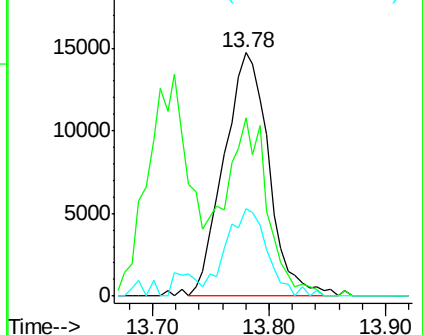
112 100

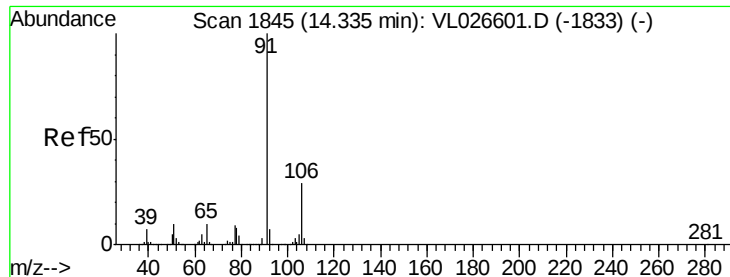
77 73.5 56.9 85.3

114 35.9 28.8 35.2#



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





#58

Ethyl Benzene

Concen: 0.07 ppbv

RT: 14.39 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

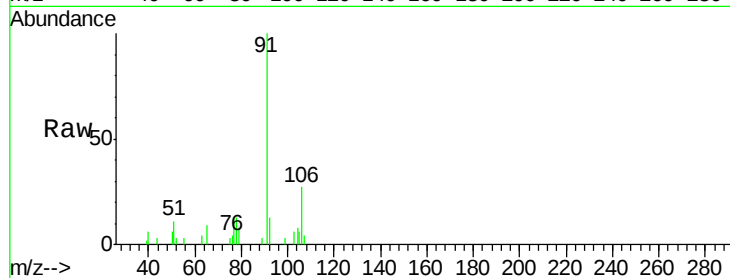
VSTDIC0.1

Tot Ion: 91 Resp: 38019

Ion Ratio Lower Upper

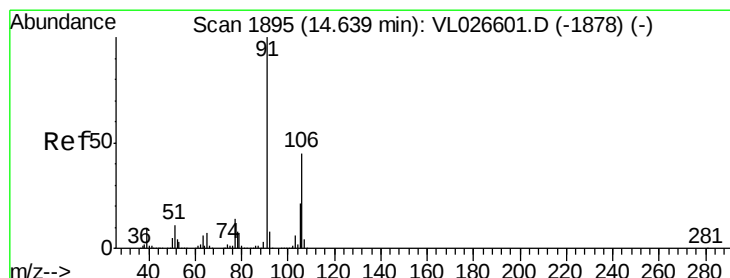
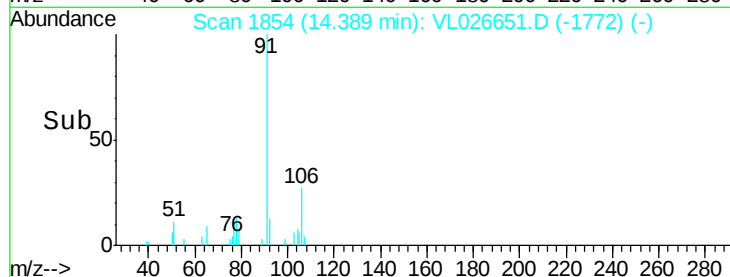
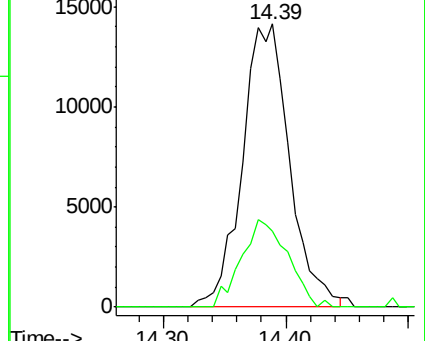
91 100

106 26.8 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.07 ppbv

RT: 14.69 min Scan# 1904

Delta R.T. -0.01 min

Lab File: VL026651.D

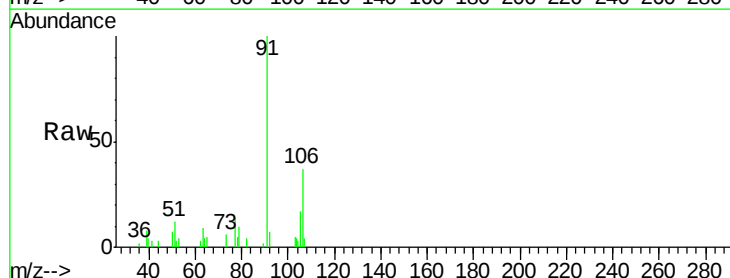
Acq: 8 Jan 2016 18:00

Tgt Ion: 91 Resp: 31823

Ion Ratio Lower Upper

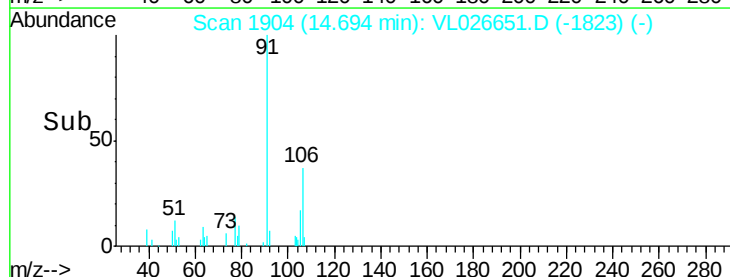
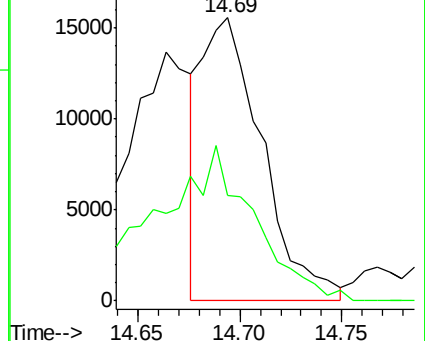
91 100

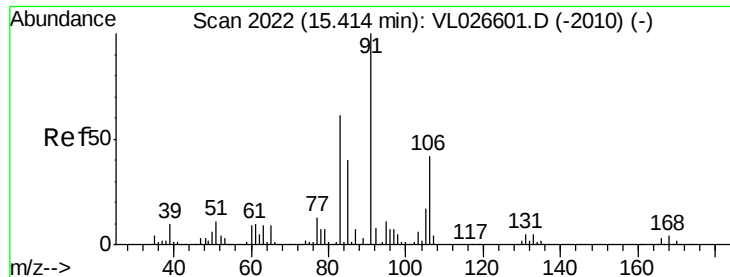
106 89.9 36.6 55.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

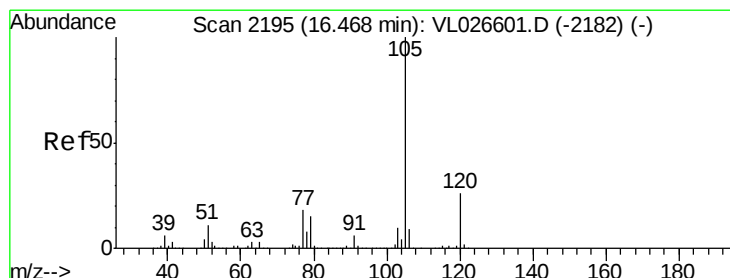
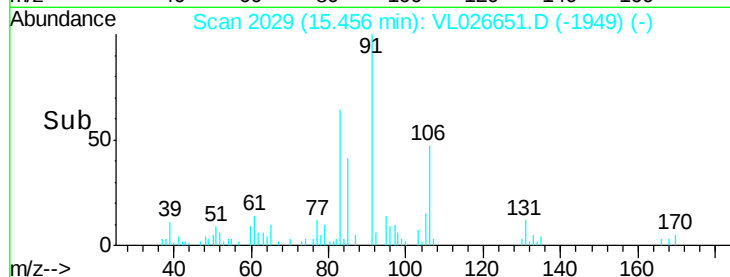
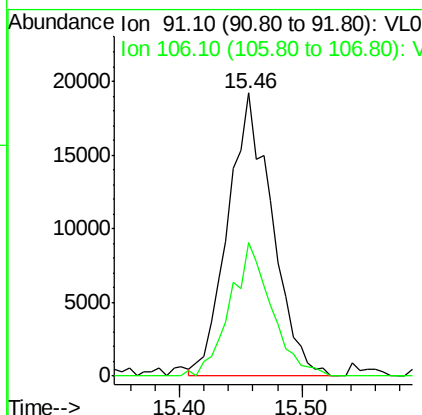
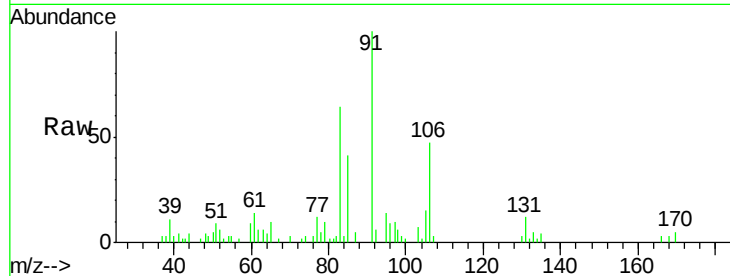




#60
o-Xylene
Concen: 0.11 ppbv
RT: 15.46 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

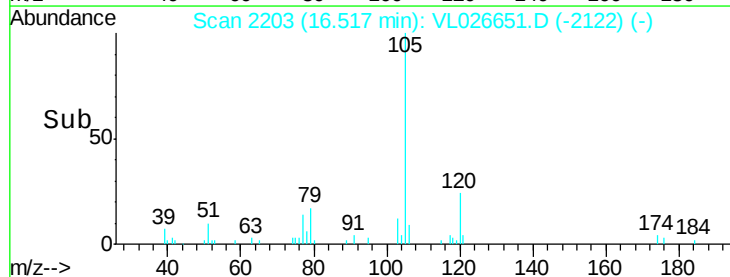
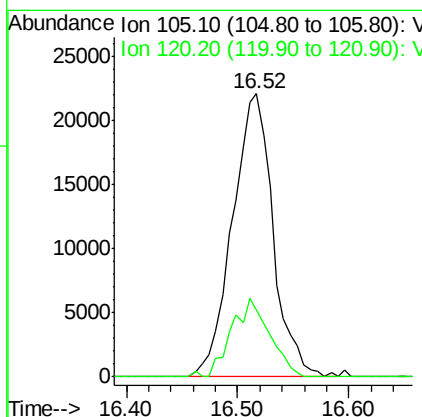
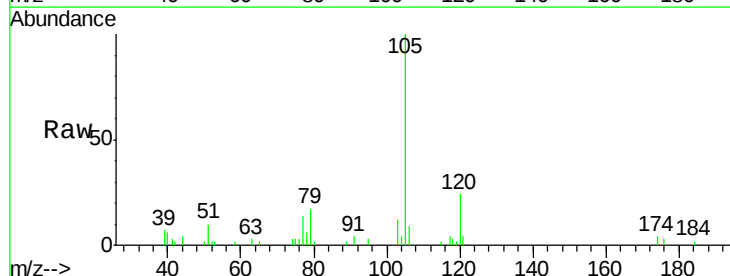
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

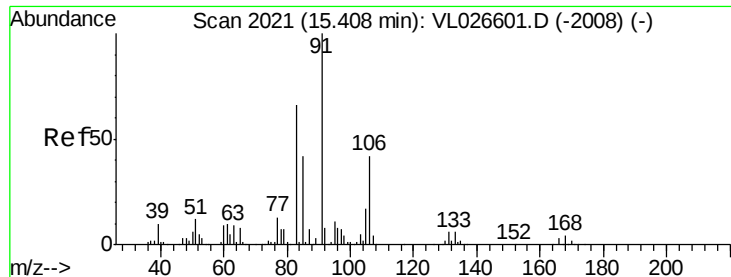
Tot Ion: 91 Resp: 48126
Ion Ratio Lower Upper
91 100
106 44.1 21.4 64.3



#62
Isopropylbenzene
Concen: 0.09 ppbv
RT: 16.52 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Tgt Ion: 105 Resp: 55904
Ion Ratio Lower Upper
105 100
120 26.1 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 0.13 ppbv

RT: 15.45 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

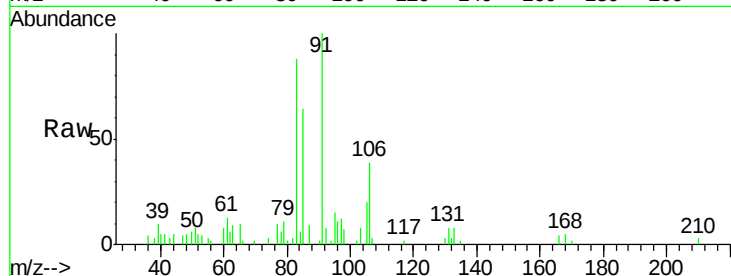
Tot Ion: 83 Resp: 39100

Ion Ratio Lower Upper

83 100

131 10.2 4.5 13.4

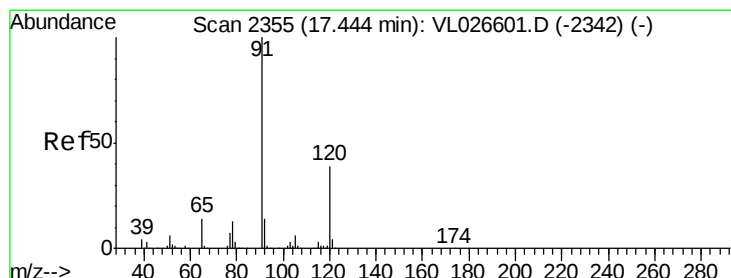
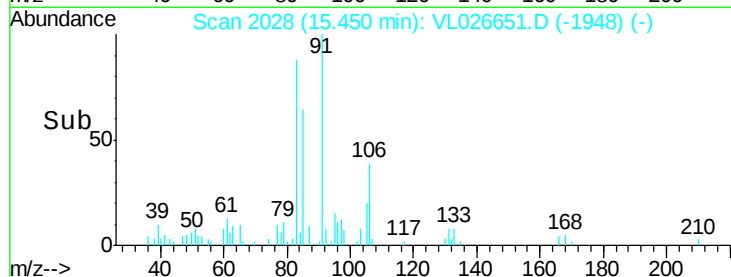
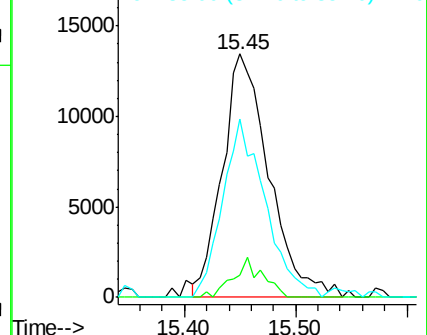
85 68.9 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.07 ppbv

RT: 17.49 min Scan# 2362

Delta R.T. -0.01 min

Lab File: VL026651.D

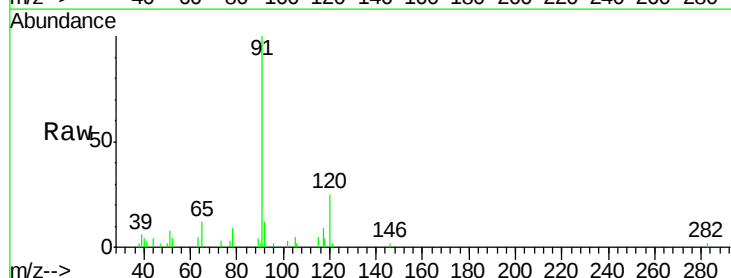
Acq: 8 Jan 2016 18:00

Tgt Ion:120 Resp: 12557

Ion Ratio Lower Upper

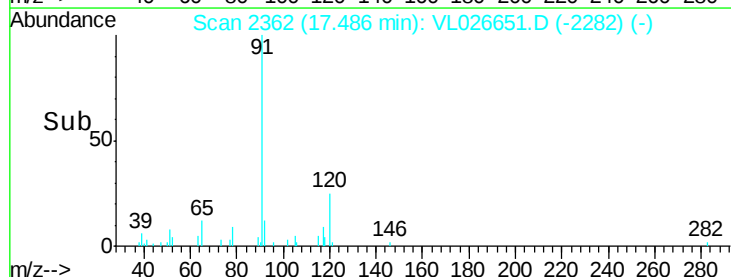
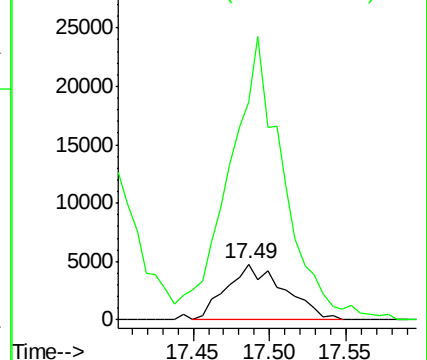
120 100

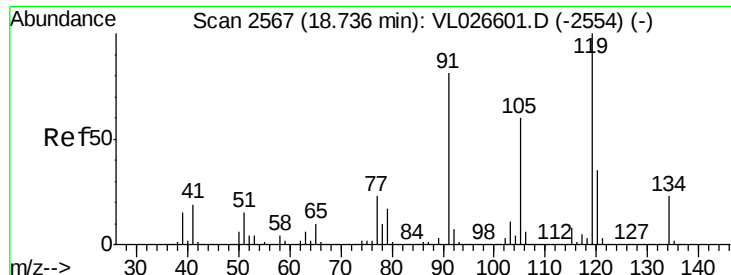
91 472.9 380.9 571.3



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

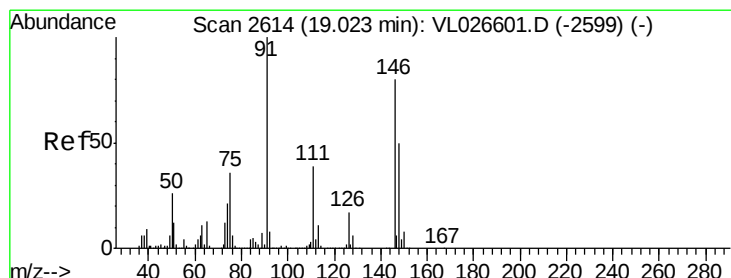
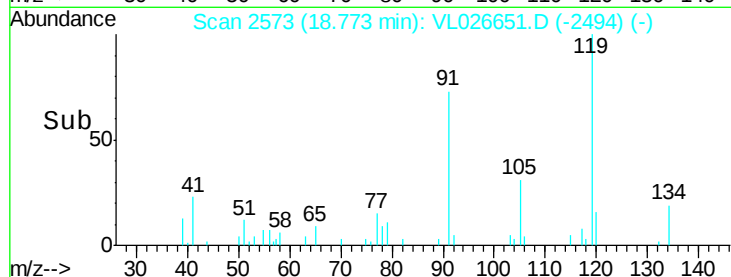
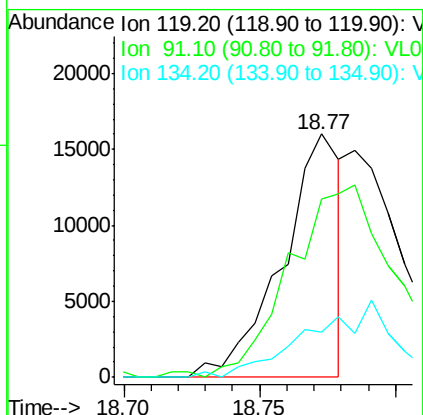
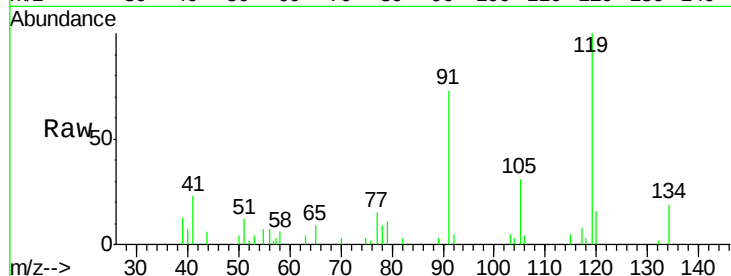




#65
 tert-Butylbenzene
 Concen: 0.05 ppbv
 RT: 18.77 min Scan# 2573
 Delta R.T. -0.02 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

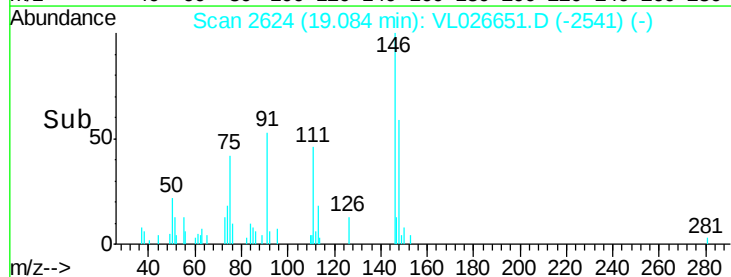
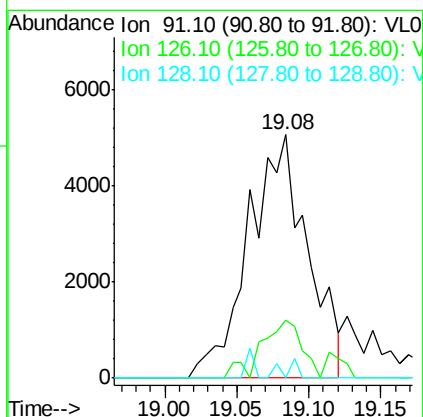
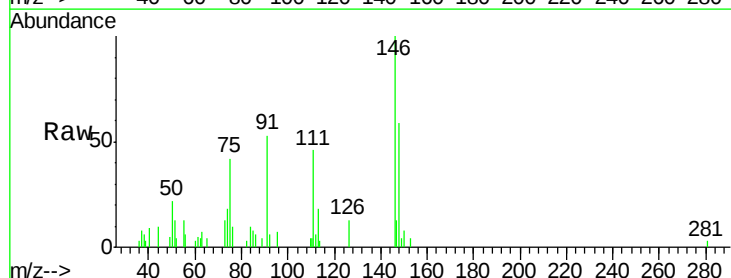
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

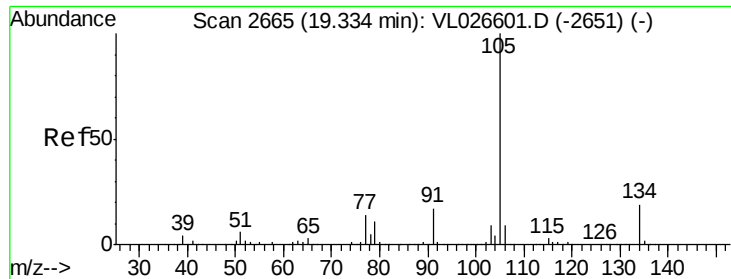
Tot Ion: 119 Resp: 24052
 Ion Ratio Lower Upper
 119 100
 91 0.0 64.8 97.2#
 134 0.0 17.4 26.0#



#66
 Benzyl Chloride
 Concen: 0.06 ppbv
 RT: 19.08 min Scan# 2624
 Delta R.T. 0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion: 91 Resp: 14367
 Ion Ratio Lower Upper
 91 100
 126 19.6 14.2 21.2
 128 3.4 4.5 6.7#

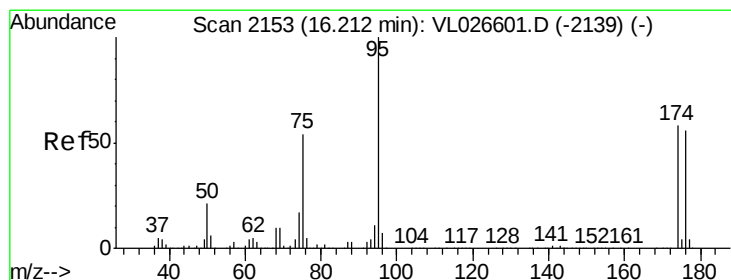
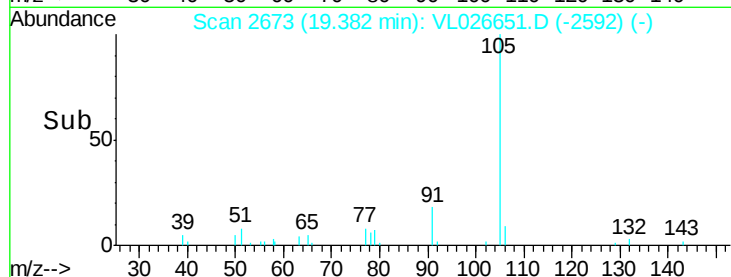
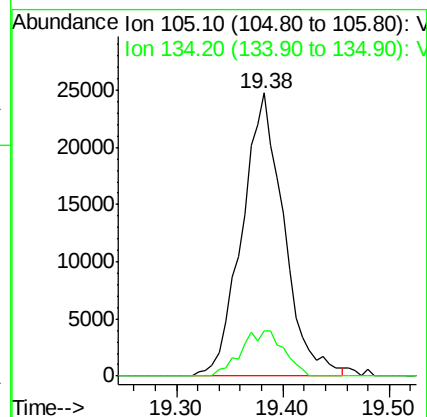
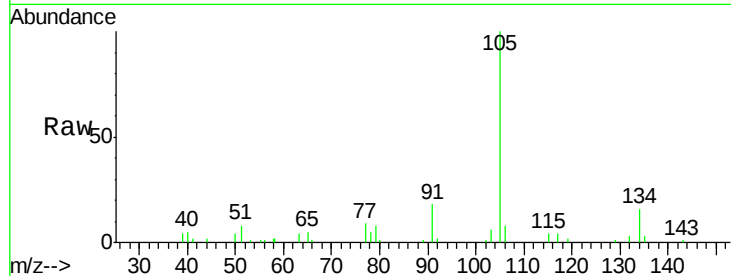




#67
 sec-Butylbenzene
 Concen: 0.08 ppbv
 RT: 19.38 min Scan# 2673
 Delta R.T. -0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

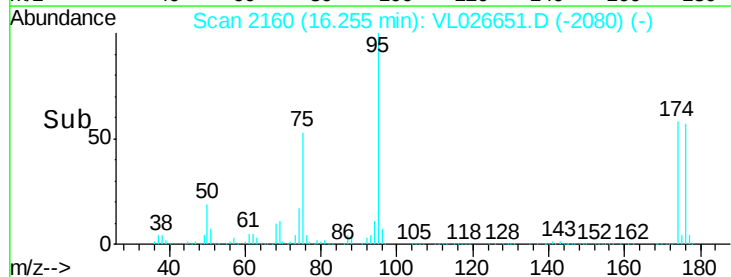
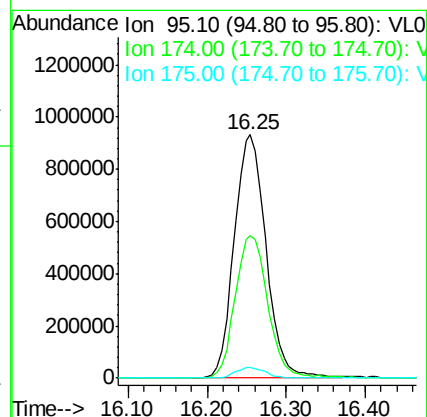
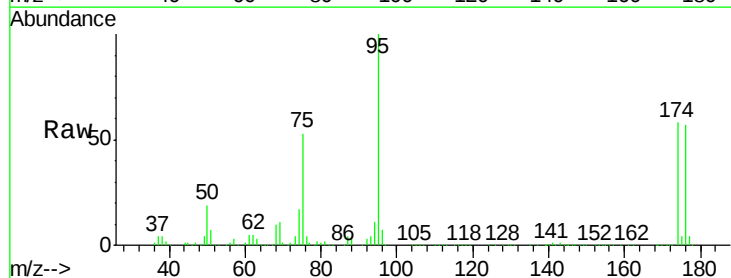
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

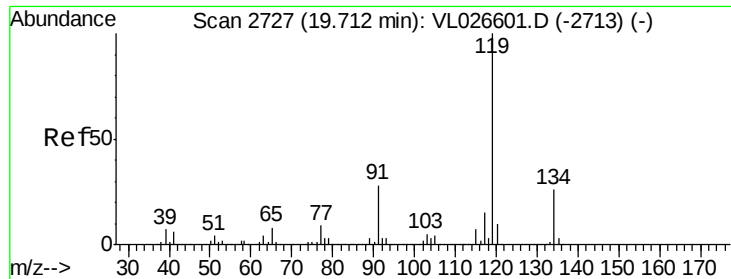
Tot Ion:105 Resp: 68066
 Ion Ratio Lower Upper
 105 100
 134 16.4 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.18 ppbv
 RT: 16.25 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion: 95 Resp: 2612795
 Ion Ratio Lower Upper
 95 100
 174 60.8 47.8 71.6
 175 4.3 3.5 5.3

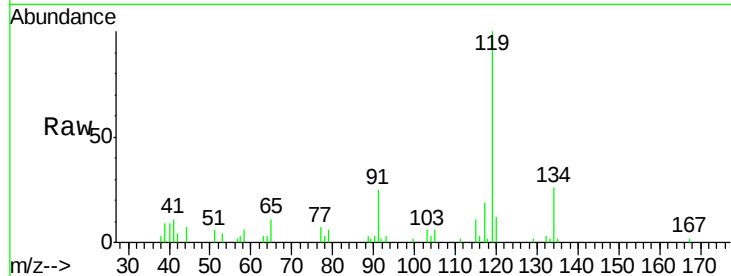




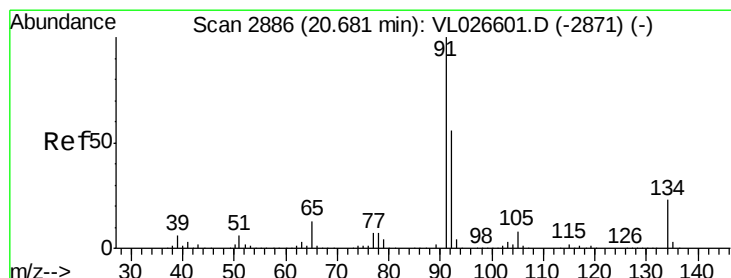
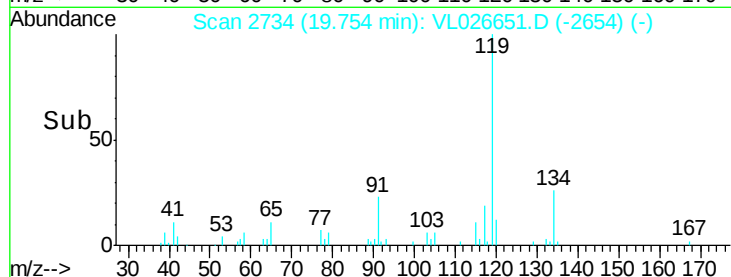
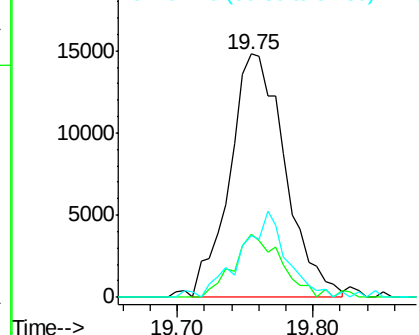
#69
p-Isopropyltoluene
Concen: 0.06 ppbv
RT: 19.75 min Scan# 2734
Delta R.T. -0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tot Ion: 119 Resp: 42066
Ion Ratio Lower Upper
119 100
134 23.2 20.6 31.0
91 30.0 21.8 32.6

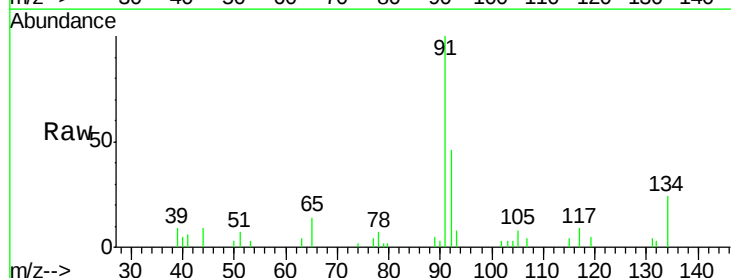


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

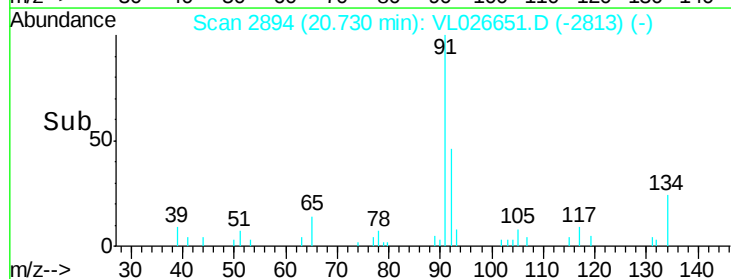
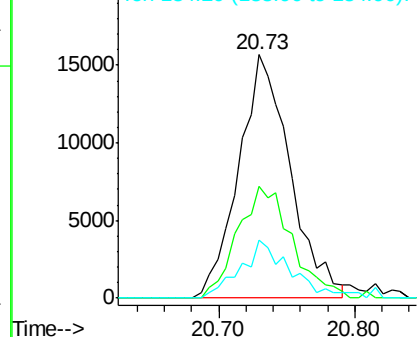


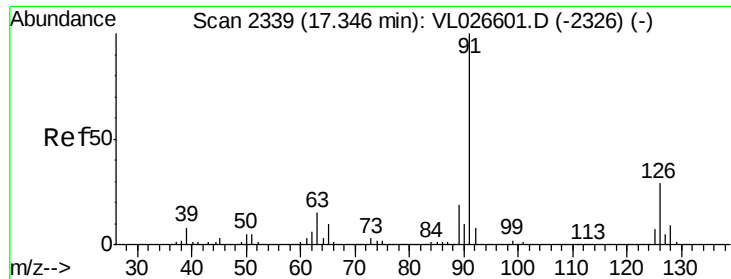
#70
n-Butylbenzene
Concen: 0.06 ppbv
RT: 20.73 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Tgt Ion: 91 Resp: 41391
Ion Ratio Lower Upper
91 100
92 48.6 45.0 67.6
134 23.7 18.2 27.2



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

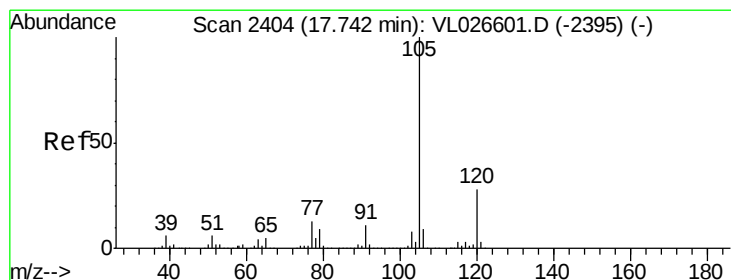
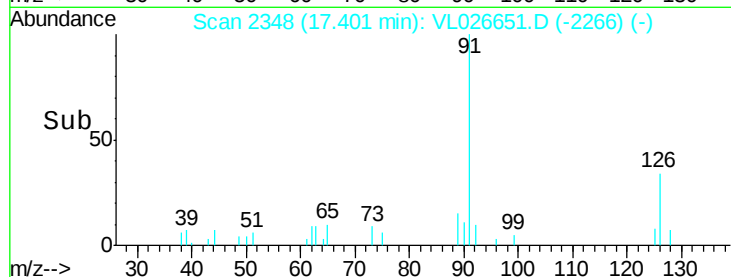
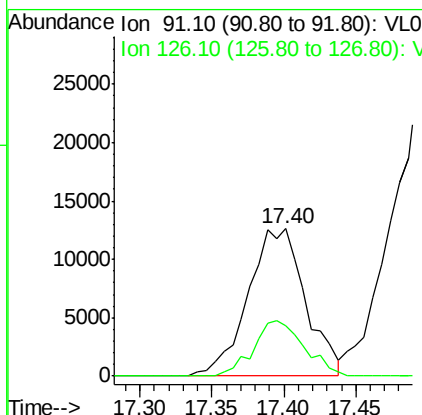
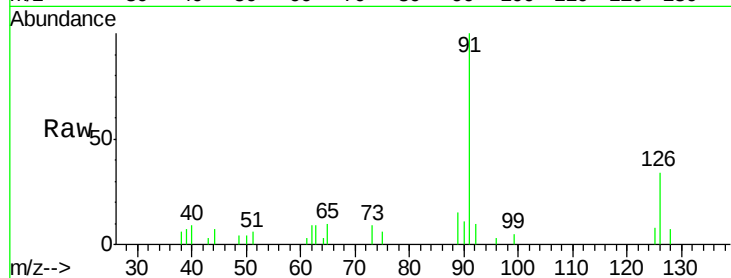




#71
 2-Chlorotoluene
 Concen: 0.07 ppbv
 RT: 17.40 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

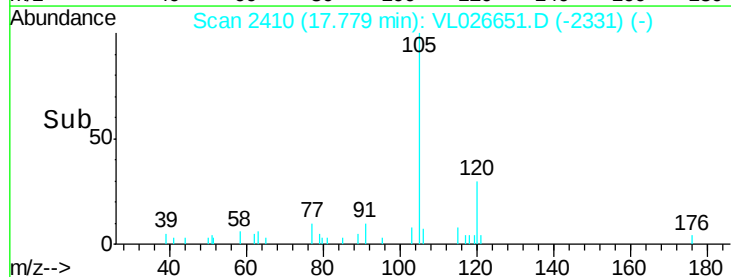
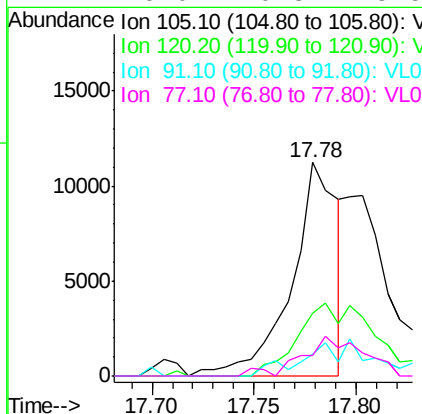
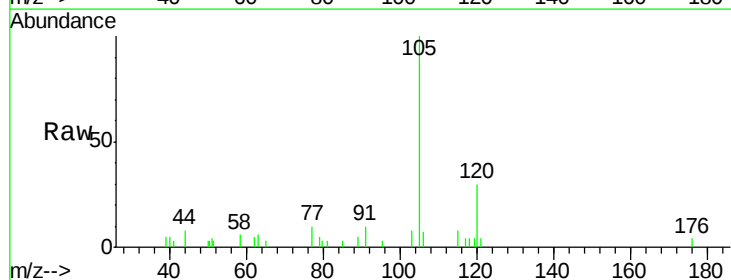
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

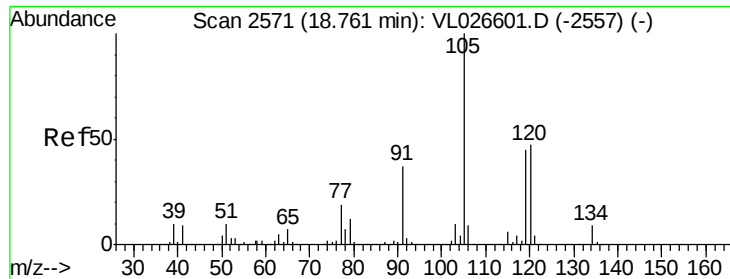
Tot Ion: 91 Resp: 35064
 Ion Ratio Lower Upper
 91 100
 126 33.1 11.4 45.8



#72
 4-Ethyltoluene
 Concen: 0.03 ppbv
 RT: 17.78 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion: 105 Resp: 17583
 Ion Ratio Lower Upper
 105 100
 120 58.6 23.8 35.6#
 91 0.0 9.5 14.3#
 77 26.0 10.3 15.5#

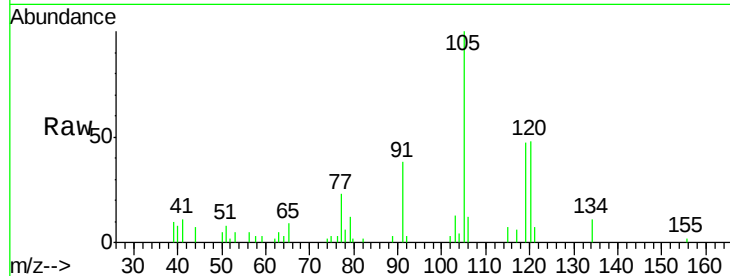




#74
 1,2,4-Trimethylbenzene
 Concen: 0.09 ppbv
 RT: 18.80 min Scan# 2578
 Delta R.T. -0.01 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.4	36.6	55.0
91	34.0	32.5	48.7
77	23.5	15.7	23.5



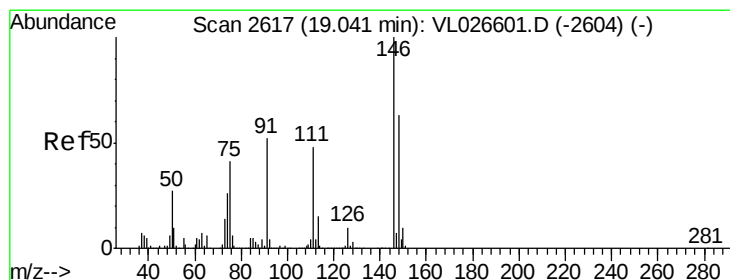
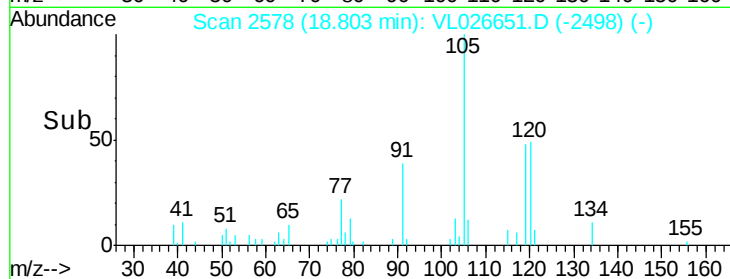
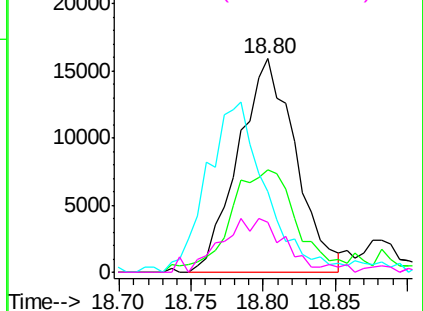
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

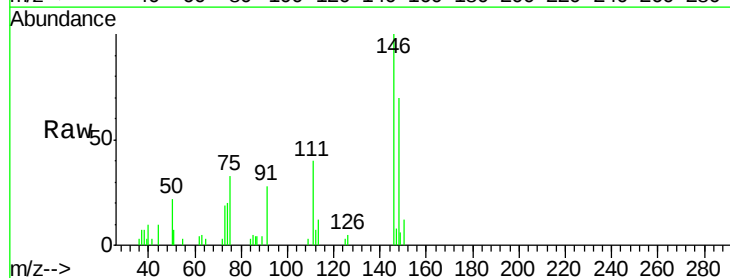
Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#75
 1,3-Dichlorobenzene
 Concen: 0.11 ppbv
 RT: 19.10 min Scan# 2626
 Delta R.T. -0.00 min
 Lab File: VL026651.D
 Acq: 8 Jan 2016 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	22.9	68.5
148	70.6	31.6	95.0

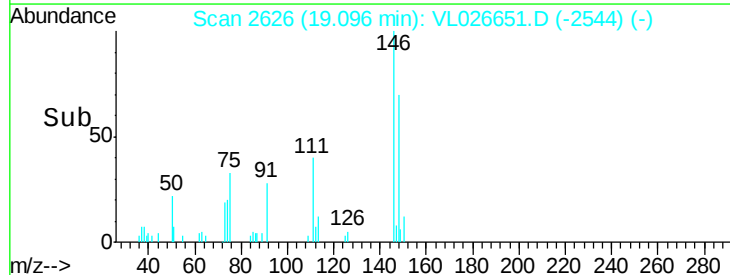
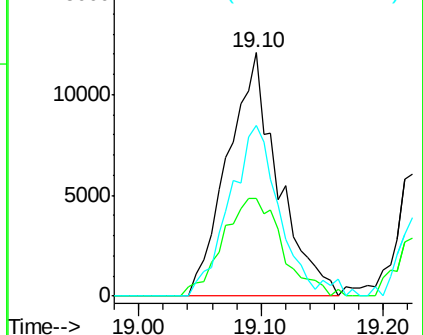


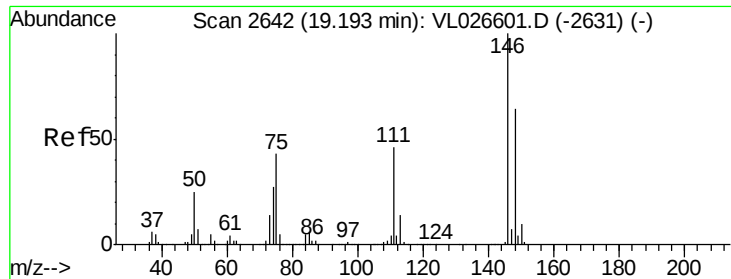
Abundance

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





#76

1,4-Dichlorobenzene

Concen: 0.10 ppbv

RT: 19.24 min Scan# 2649

Delta R.T. -0.01 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

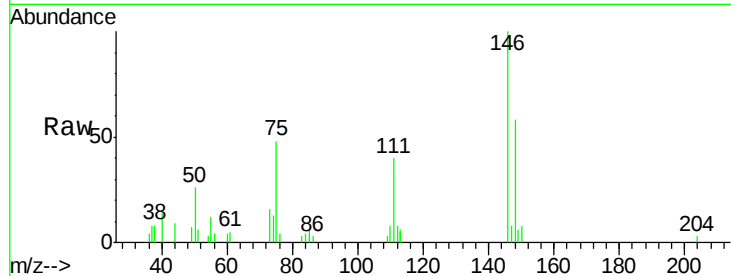
Tot Ion:146 Resp: 32205

Ion Ratio Lower Upper

146 100

111 51.2 22.3 66.8

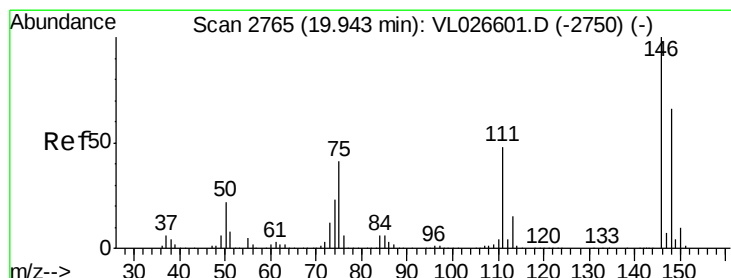
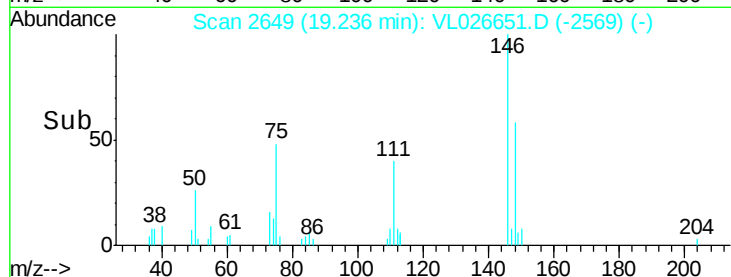
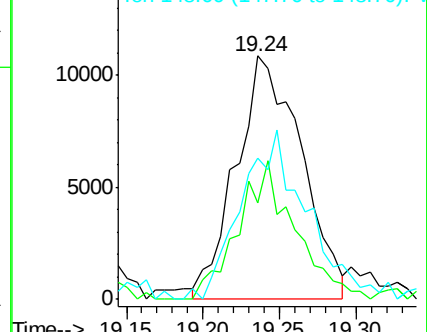
148 71.8 31.9 95.9



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



#77

1,2-Dichlorobenzene

Concen: 0.10 ppbv

RT: 20.00 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VL026651.D

Acq: 8 Jan 2016 18:00

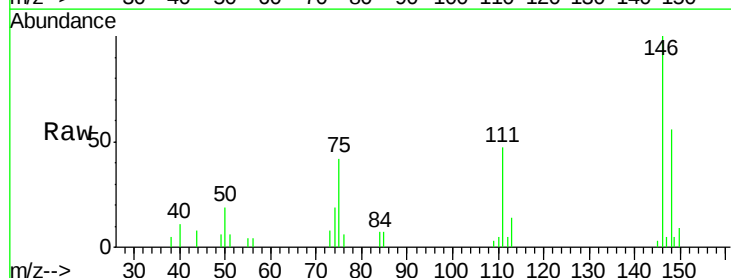
Tgt Ion:146 Resp: 32568

Ion Ratio Lower Upper

146 100

111 50.9 23.7 71.1

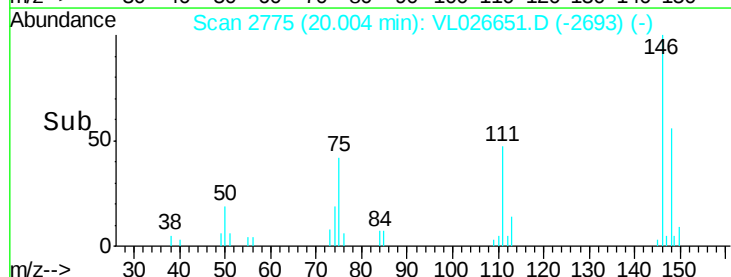
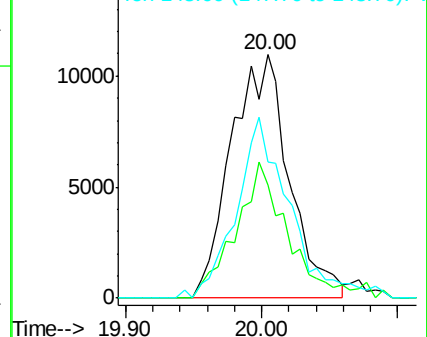
148 68.7 31.1 93.5

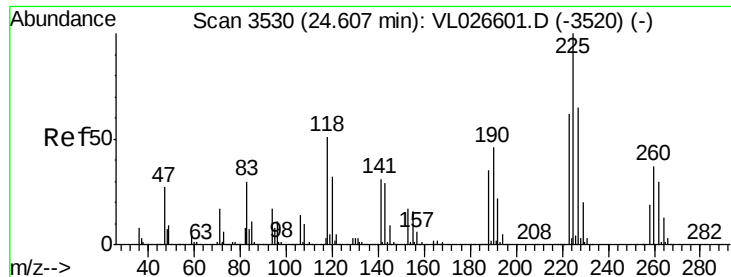


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

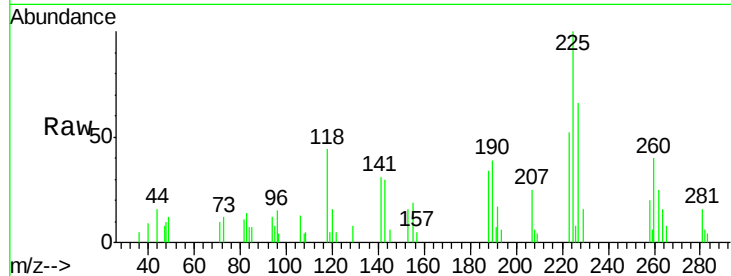




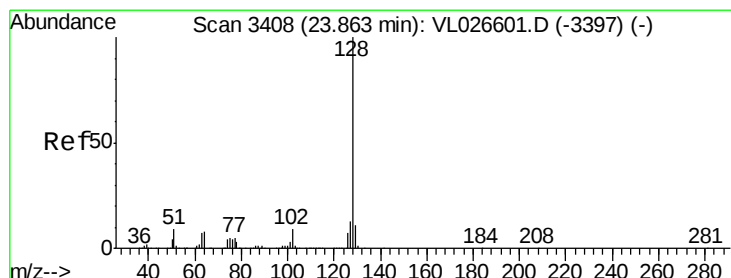
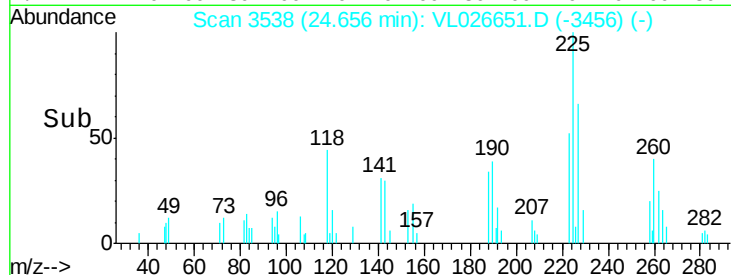
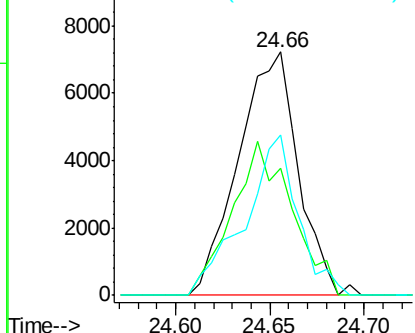
#78
Hexachloro-1,3-Butadiene
Concen: 0.12 ppbv
RT: 24.66 min Scan# 3538
Delta R.T. -0.00 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tot Ion:225 Resp: 15852
Ion Ratio Lower Upper
225 100
223 63.3 50.0 75.0
227 59.2 51.1 76.7

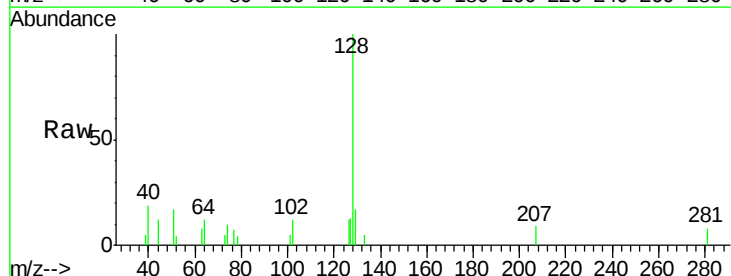


Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V

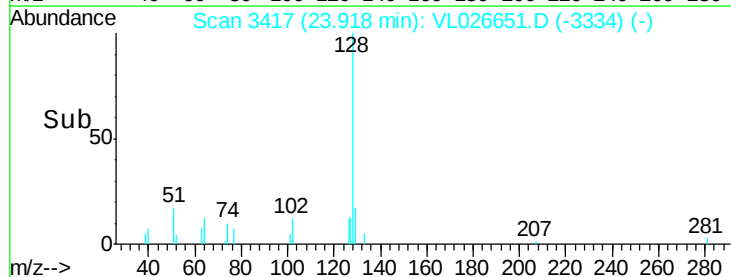
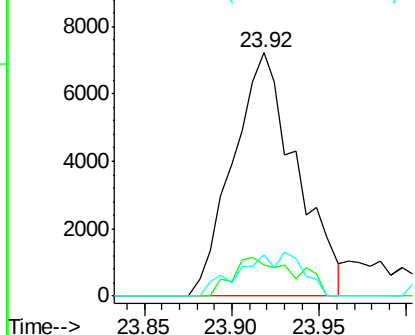


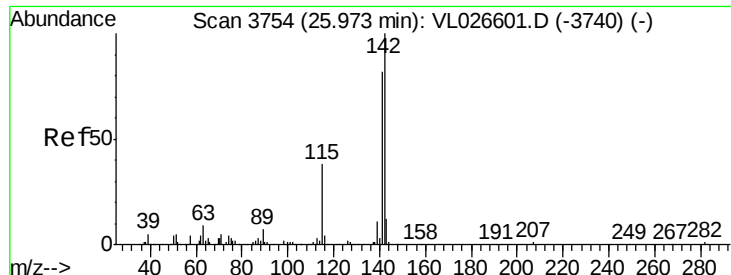
#79
Naphthalene
Concen: 0.05 ppbv
RT: 23.92 min Scan# 3417
Delta R.T. 0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Tgt Ion:128 Resp: 18237
Ion Ratio Lower Upper
128 100
127 12.8 9.8 14.8
129 17.1 8.9 13.3#



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

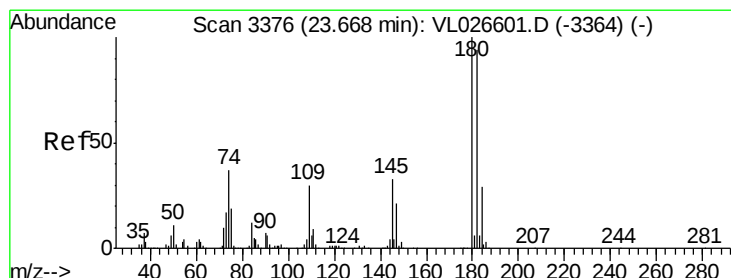
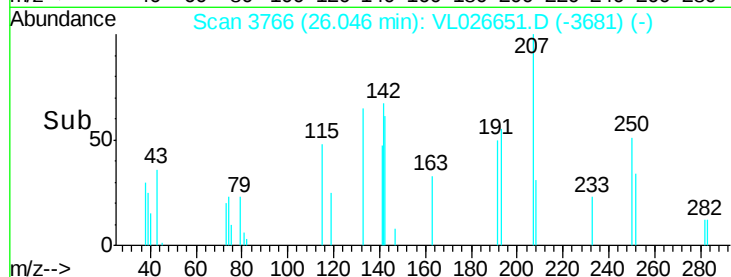
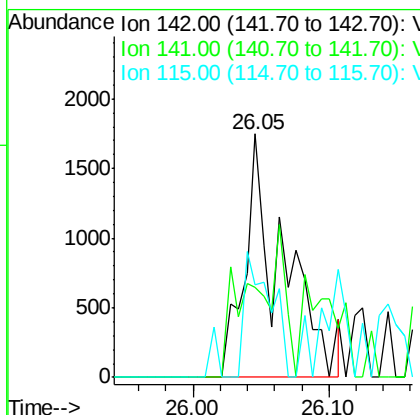
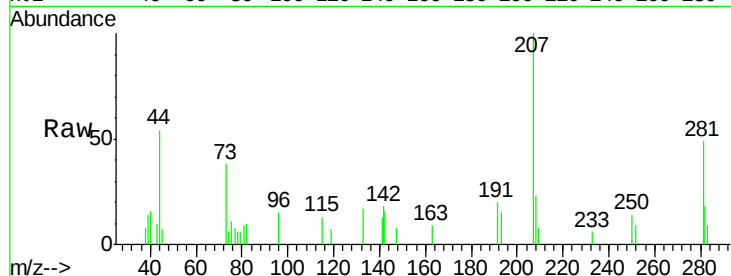




#80
Naphthalene, 2-methyl-
Concen: 0.03 ppbv
RT: 26.05 min Scan# 3766
Delta R.T. 0.02 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tot Ion:142 Resp: 3419
Ion Ratio Lower Upper
142 100
141 90.0 66.8 100.2
115 39.7 24.7 37.1#



#81
1,2,4-Trichlorobenzene
Concen: 0.03 ppbv
RT: 23.70 min Scan# 3382
Delta R.T. -0.01 min
Lab File: VL026651.D
Acq: 8 Jan 2016 18:00

Tgt Ion:180 Resp: 5637
Ion Ratio Lower Upper
180 100
182 0.0 75.5 113.3#
184 0.0 24.1 36.1#

