

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

Instrument :
 MSVOA_L
 ClientSampleID :
 VL0707ABS01

Manual Integrations
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sam
 7/8/2015 11:04:41 AM

Quant Time: Jul 08 07:05:14 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.66	49	639435	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1698282	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2219483m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1901885	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

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

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

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

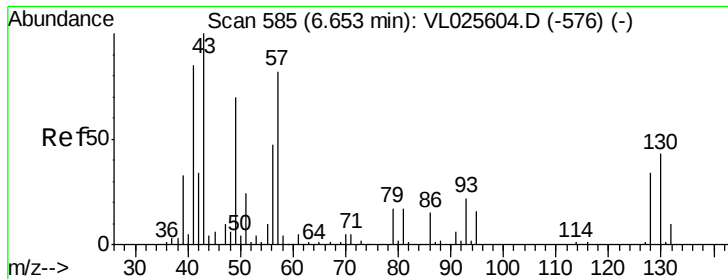
Manual Integrations
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Quant Time: Jul 08 07:05:14 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	2543140	9.12	ppbv	99
45) t-1,3-Dichloropropene	10.66	75	1017732	9.69	ppbv	100
46) cis-1,3-Dichloropropene	10.03	75	1113187	9.59	ppbv	98
47) 1,1,2-Trichloroethane	10.89	97	745283	8.92	ppbv	100
48) Dibromochloromethane	11.81	129	1421851	9.50	ppbv	99
49) Bromoform	14.82	173	1177012	9.54	ppbv	99
50) 4-Methyl-2-Pentanone	10.09	43	1338460	9.64	ppbv	100
51) 2-Hexanone	11.62	43	1301505	10.45	ppbv #	98
52) Tetrachloroethene	12.80	164	792852	9.72	ppbv	99
53) Toluene	11.24	91	2207757	9.66	ppbv	100
54) 1,2-Dibromoethane	12.15	107	1221363	9.03	ppbv	98
56) 1,1,1,2-Tetrachloroethane	13.80	131	1091184	9.09	ppbv	99
57) Chlorobenzene	13.82	112	2006029	8.49	ppbv	99
58) Ethyl Benzene	14.43	91	3546041	9.67	ppbv	100
59) m/p-Xylene	14.73	91	5911556	18.35	ppbv	99
60) o-Xylene	15.51	91	3143244	9.06	ppbv	99
61) Styrene	15.32	104	1332304	10.96	ppbv	99
62) Isopropylbenzene	16.56	105	4181982	9.22	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.50	83	1945779	8.29	ppbv	100
64) n-propylbenzene	17.54	120	1139497	9.30	ppbv	98
65) tert-Butylbenzene	18.83	119	4027161	9.05	ppbv	99
66) Benzyl Chloride	19.11	91	1229947	7.53	ppbv	100
67) sec-Butylbenzene	19.42	105	5607603	8.99	ppbv	100
69) p-Isopropyltoluene	19.80	119	4880959	9.50	ppbv	100
70) n-Butylbenzene	20.77	91	4881285	9.36	ppbv	99
71) 2-Chlorotoluene	17.44	91	3226308	9.70	ppbv	100
72) 4-Ethyltoluene	17.83	105	3728517	9.72	ppbv	99
73) 1,3,5-Trimethylbenzene	18.00	105	3602049	9.55	ppbv	97
74) 1,2,4-Trimethylbenzene	18.85	105	3807502	9.02	ppbv	95
75) 1,3-Dichlorobenzene	19.13	146	2385474	8.68	ppbv	100
76) 1,4-Dichlorobenzene	19.28	146	2422474	8.80	ppbv	100
77) 1,2-Dichlorobenzene	20.04	146	2366274	8.67	ppbv	100
78) Hexachloro-1,3-Butadiene	24.67	225	1362679	8.12	ppbv	99
79) Naphthalene	23.94	128	3519343	8.63	ppbv	99
80) Naphthalene,2-methyl-	26.05	142	599980	5.06	ppbv	99
81) 1,2,4-Trichlorobenzene	23.74	180	1828230	9.35	ppbv	99

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



#1

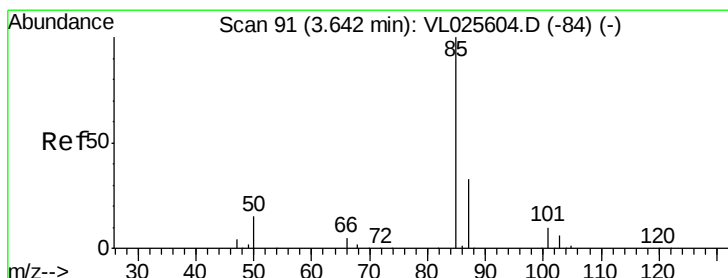
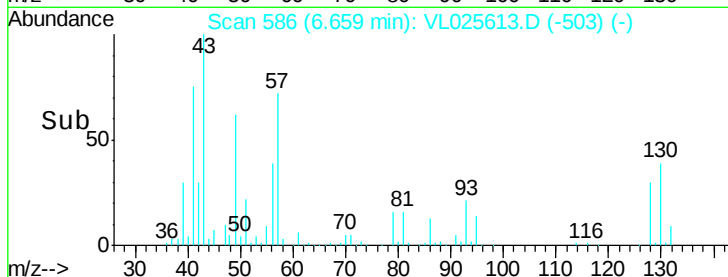
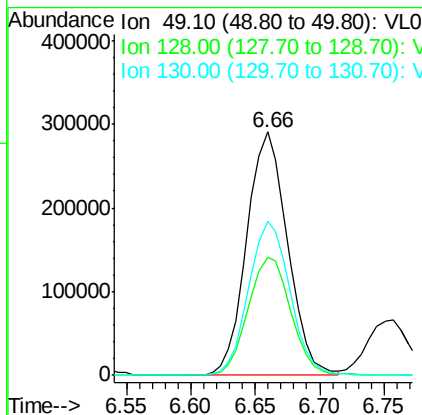
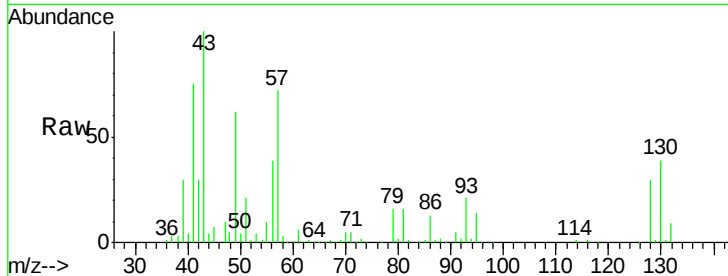
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 6.66 min Scan# 586
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion	Ratio	Lower	Upper
49	100		
128	50.9	25.4	76.0
130	64.3	31.9	95.9

Manual Integrations
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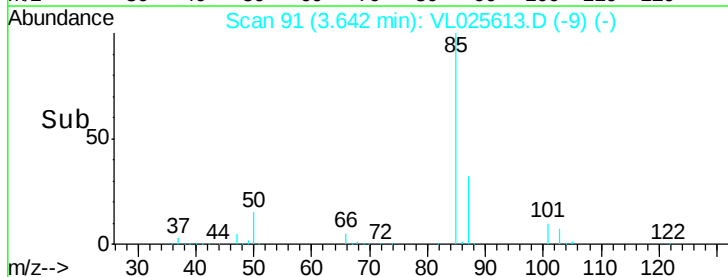
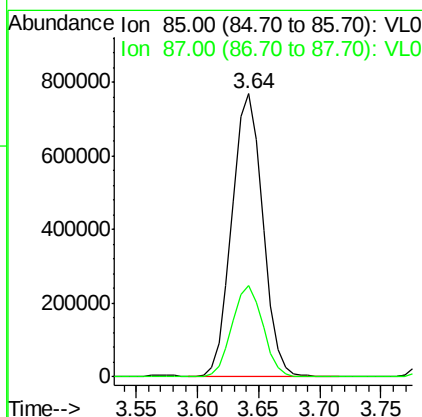
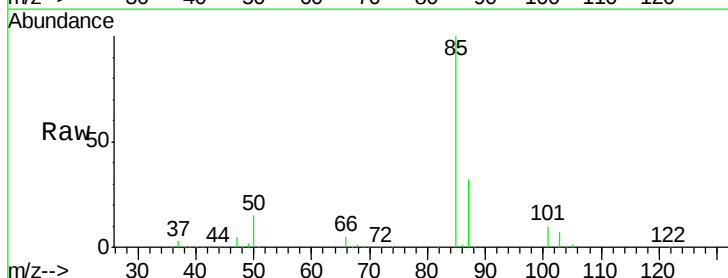
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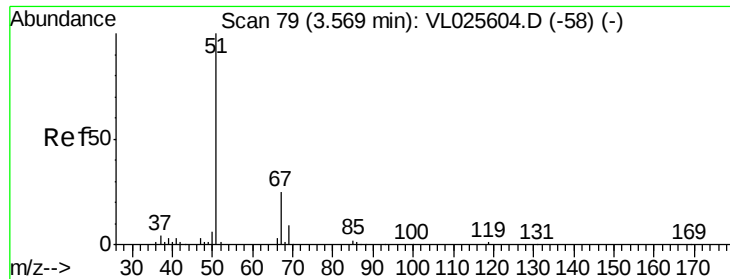


#2

Dichlorodifluoromethane
 Concen: 8.12 ppbv
 RT: 3.64 min Scan# 91
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.5	39.7





#3

Chlorodifluoromethane

Concen: 7.83 ppbv

RT: 3.57 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion	Ratio	Lower	Upper
51	100		
67	25.0	19.5	29.3

Instrument :

MSVOA_L

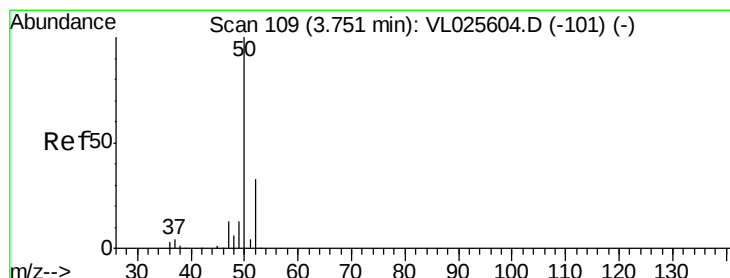
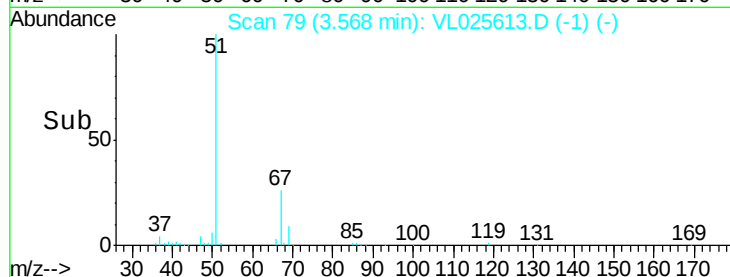
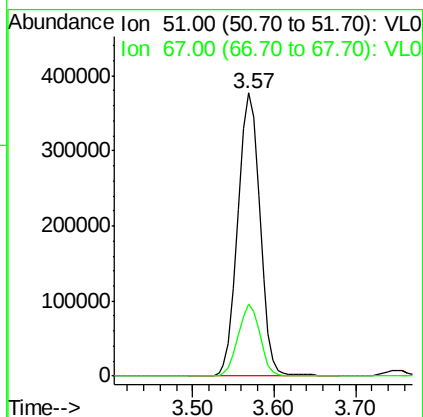
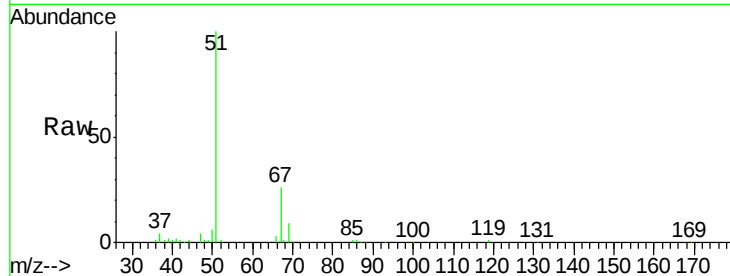
ClientSampleId :

VL0707ABS01

Manual Integrations
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#4

Chloromethane

Concen: 8.00 ppbv

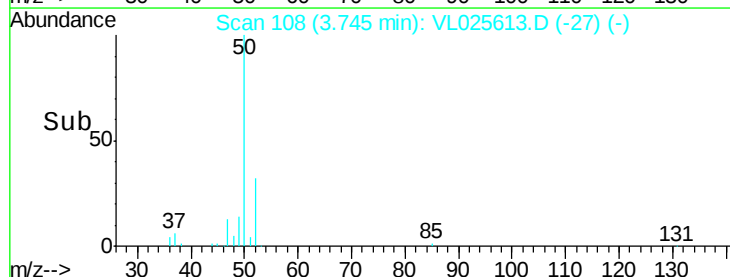
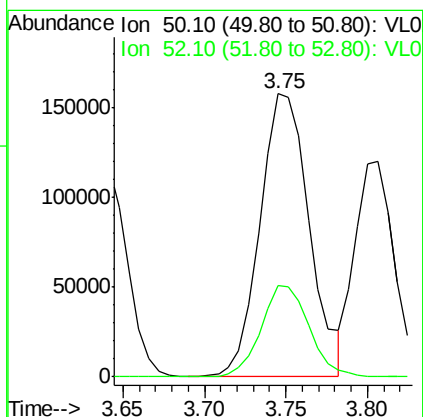
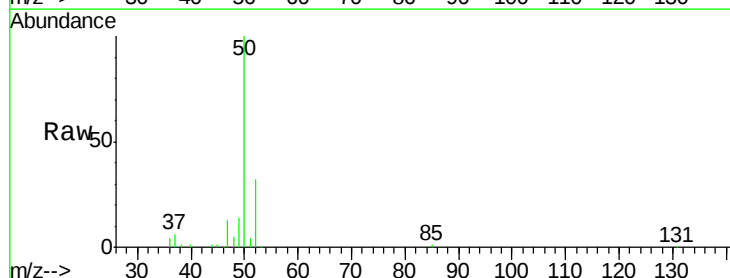
RT: 3.75 min Scan# 108

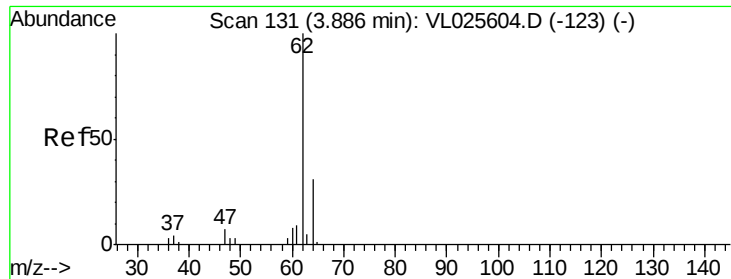
Delta R.T. -0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.2	39.2





#5

Vinyl Chloride

Concen: 8.16 ppbv

RT: 3.89 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 62 Resp: 362382

Ion Ratio Lower Upper

62 100

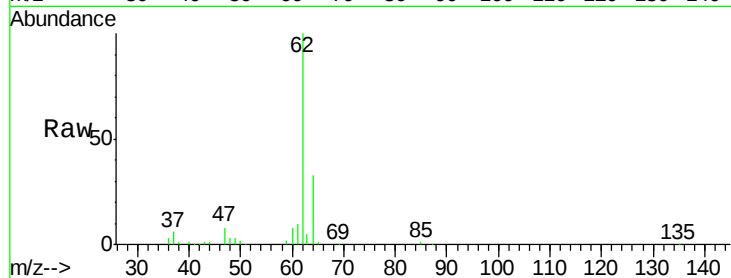
64 33.3 25.0 37.6

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Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0

3.89

200000

150000

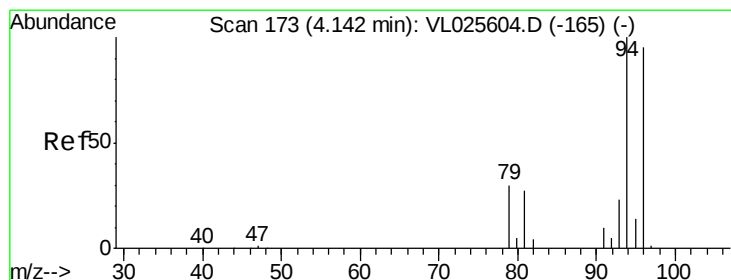
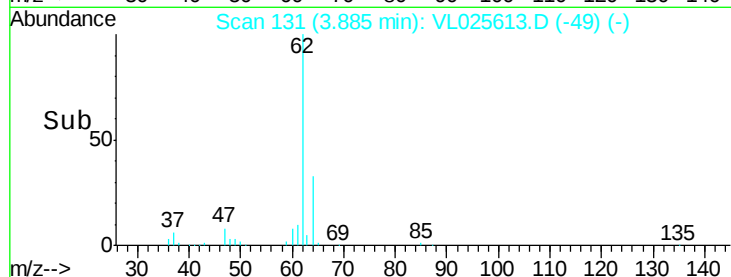
100000

50000

0

3.80 3.85 3.90 3.95

Time-->



#6

Bromomethane

Concen: 8.64 ppbv

RT: 4.14 min Scan# 173

Delta R.T. -0.00 min

Lab File: VL025613.D

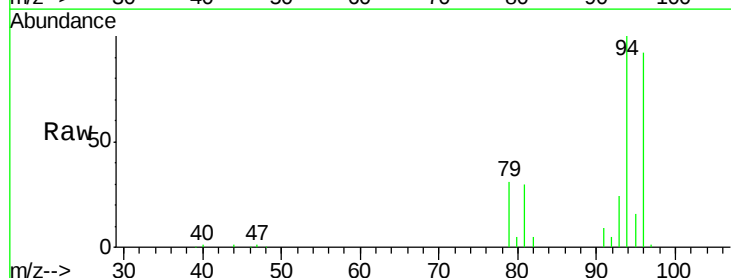
Acq: 7 Jul 2015 17:57

Tgt Ion: 94 Resp: 311354

Ion Ratio Lower Upper

94 100

96 92.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0

4.14

150000

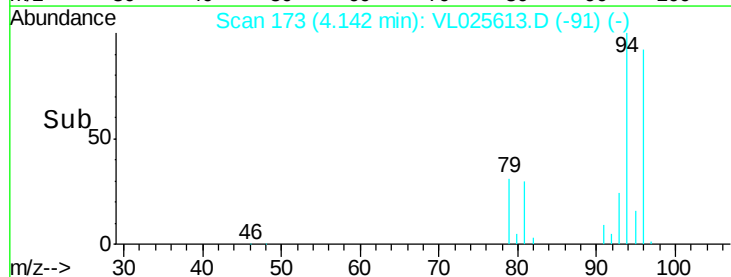
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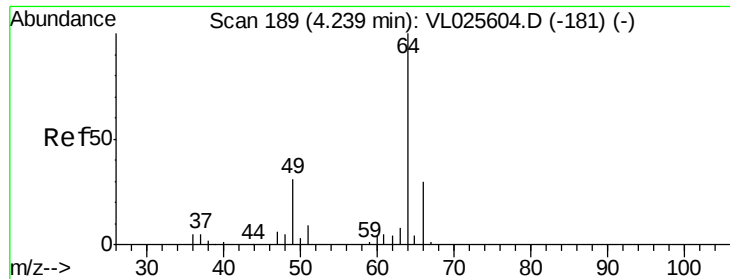
50000

0

4.10 4.20 4.30

Time-->





#7

Chloroethane

Concen: 7.95 ppbv

RT: 4.24 min Scan# 189

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 64 Resp: 164207

Ion Ratio Lower Upper

64 100

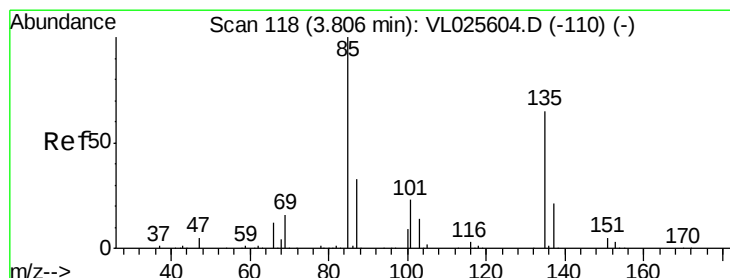
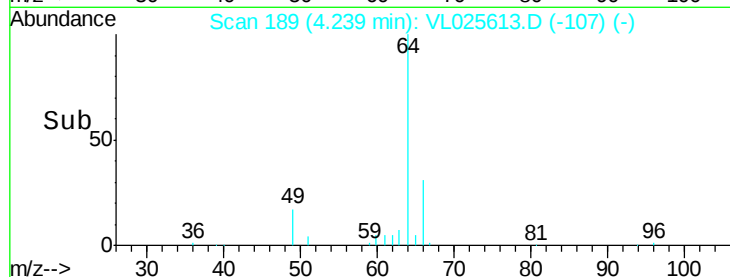
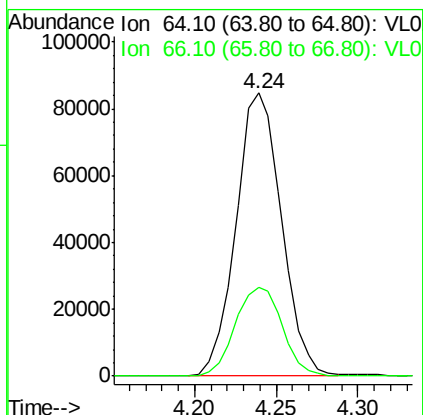
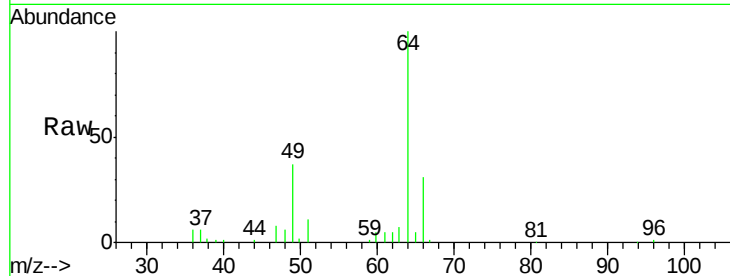
66 31.4 23.8 35.8

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#8

Dichlorotetrafluoroethane

Concen: 8.22 ppbv

RT: 3.81 min Scan# 118

Delta R.T. -0.00 min

Lab File: VL025613.D

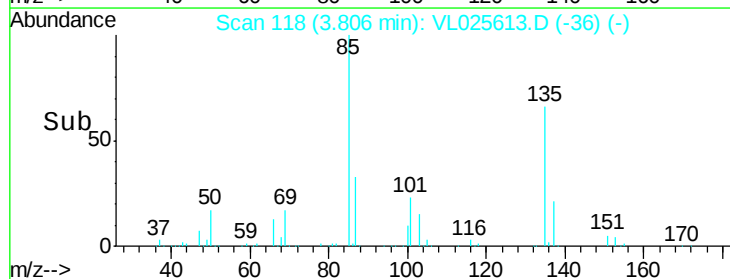
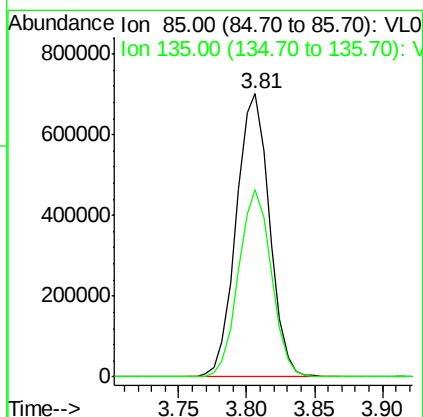
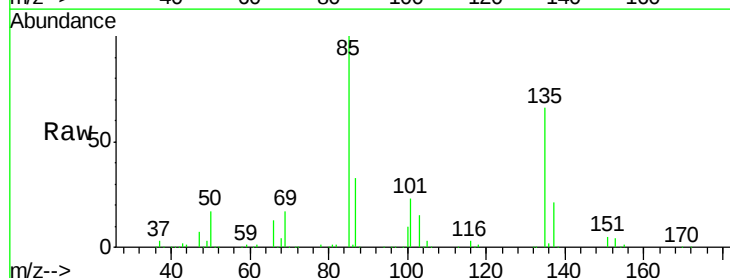
Acq: 7 Jul 2015 17:57

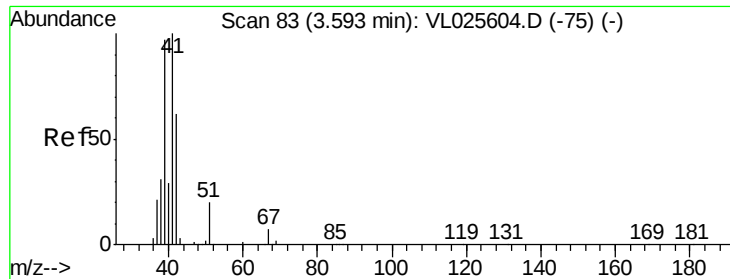
Tgt Ion: 85 Resp: 1193606

Ion Ratio Lower Upper

85 100

135 65.9 52.2 78.4





#9

Propene

Concen: 7.92 ppbv

RT: 3.59 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 41 Resp: 236982

Ion Ratio Lower Upper

41 100

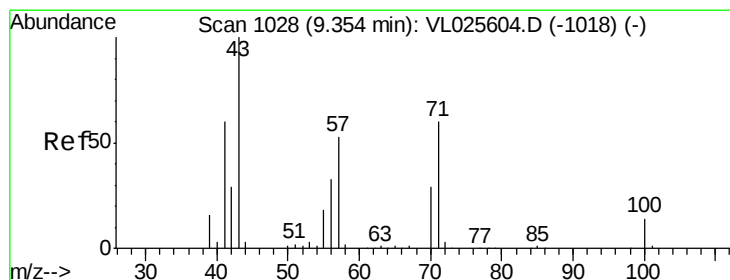
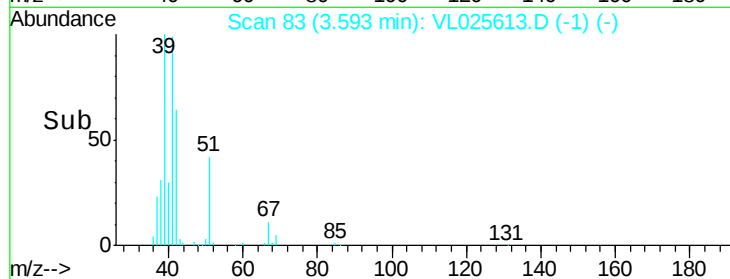
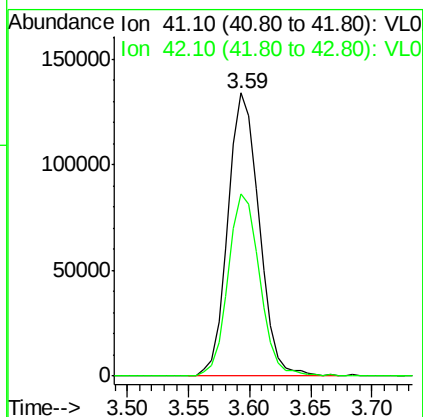
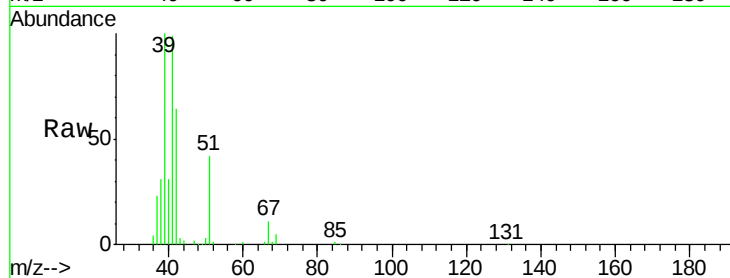
42 64.9 52.4 78.6

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#10

Heptane

Concen: 8.98 ppbv

RT: 9.36 min Scan# 1029

Delta R.T. 0.01 min

Lab File: VL025613.D

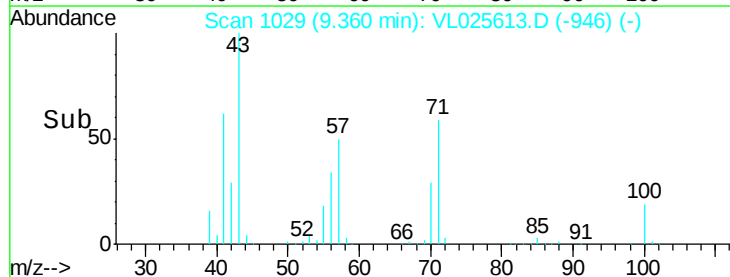
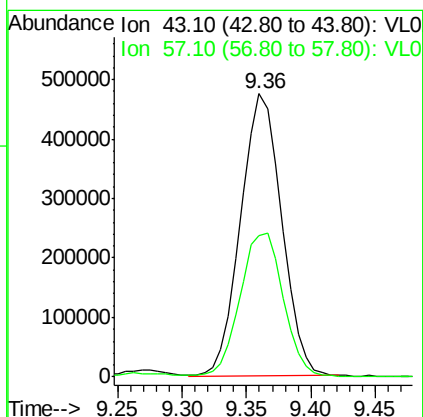
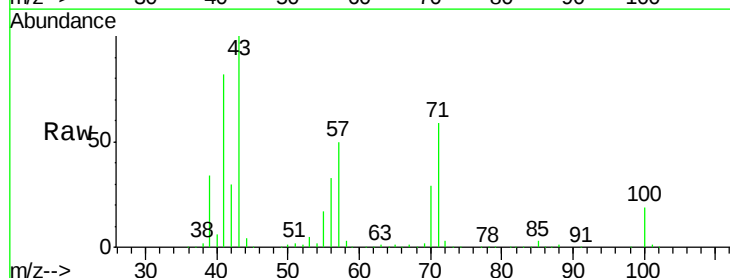
Acq: 7 Jul 2015 17:57

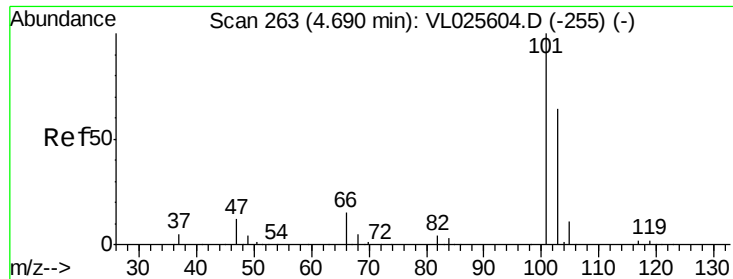
Tgt Ion: 43 Resp: 1046562

Ion Ratio Lower Upper

43 100

57 53.6 42.6 64.0





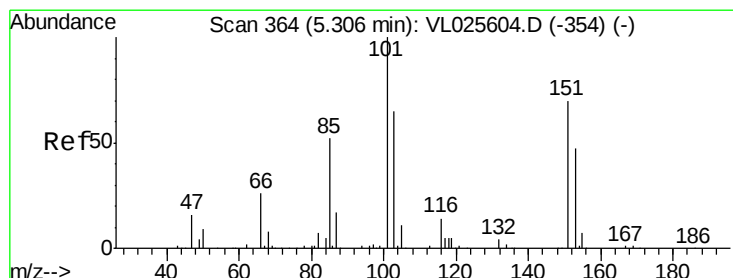
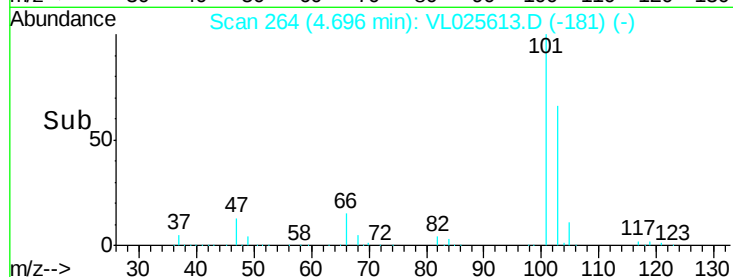
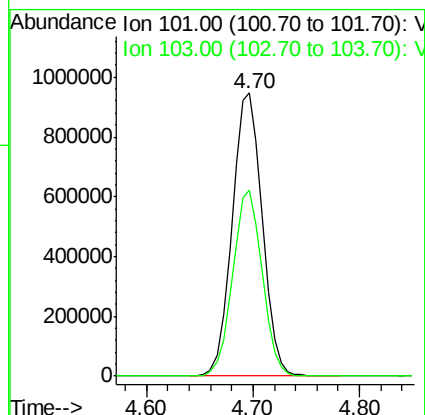
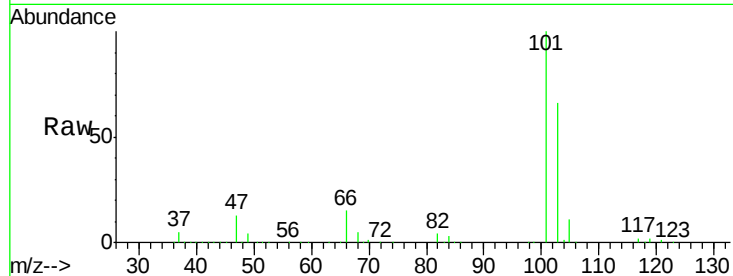
#11
 Trichlorofluoromethane
 Concen: 8.71 ppbv
 RT: 4.70 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

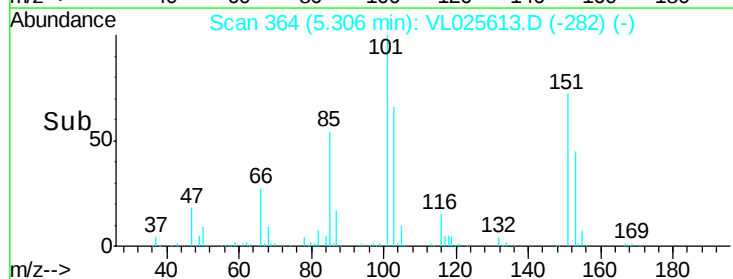
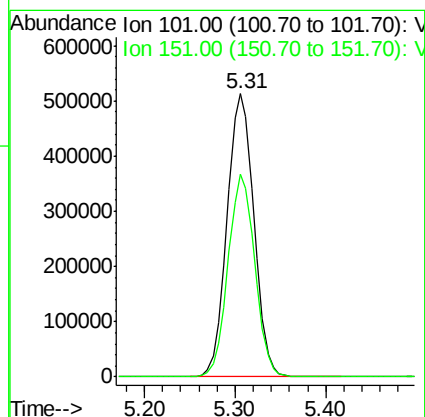
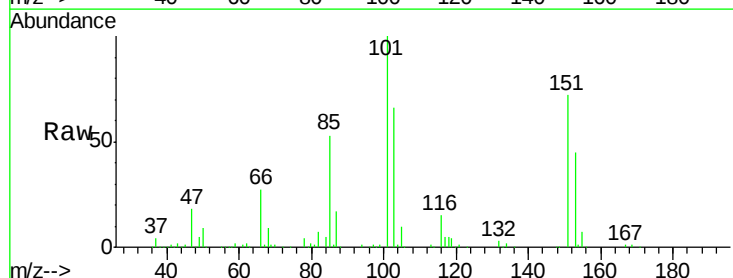
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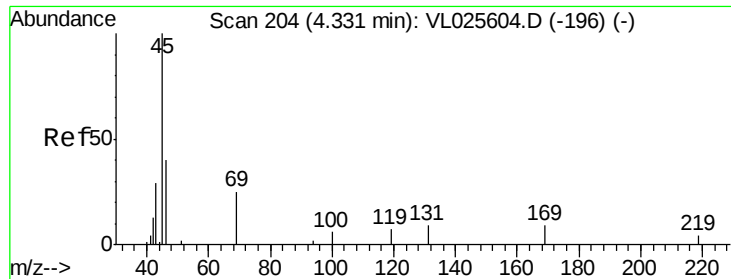
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.57 ppbv
 RT: 5.31 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

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





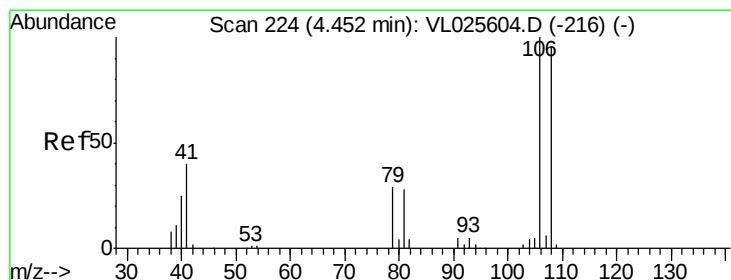
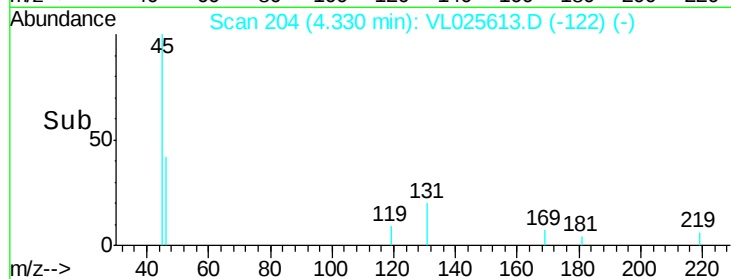
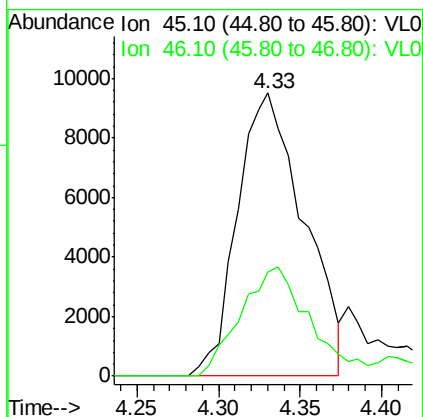
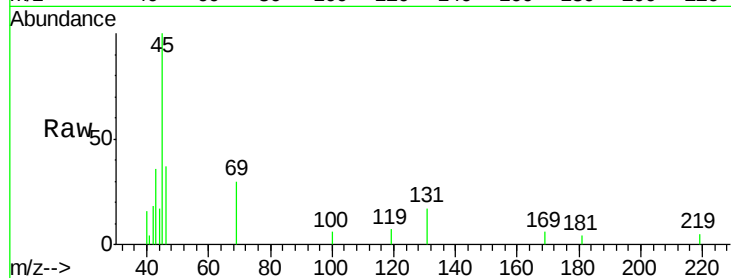
#13
Ethanol
Concen: 5.79 ppbv
RT: 4.33 min Scan# 204
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

Tgt Ion: 45 Resp: 26939
Ion Ratio Lower Upper
45 100
46 43.9 16.0 64.0

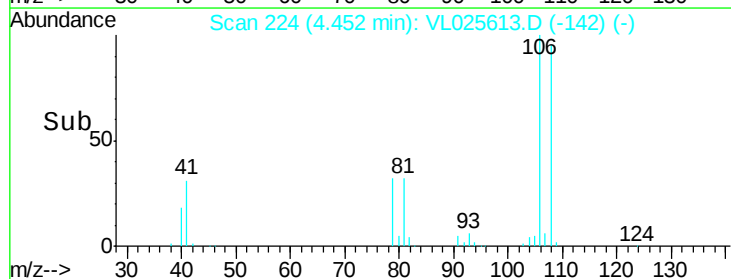
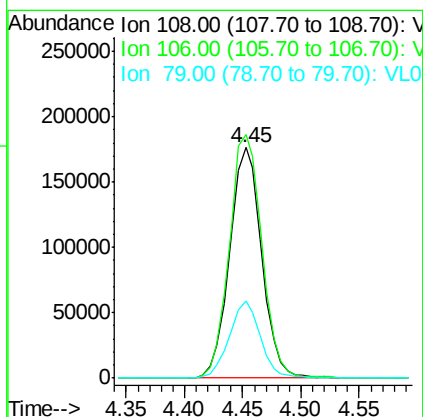
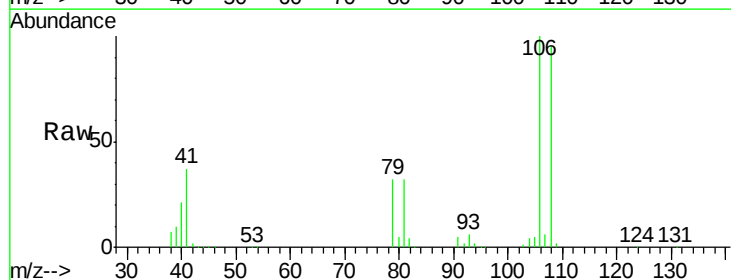
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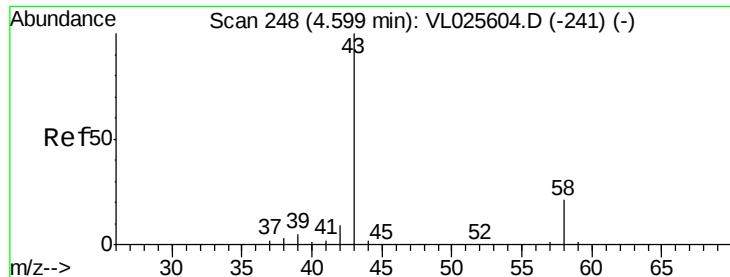
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#14
Bromoethene
Concen: 8.35 ppbv
RT: 4.45 min Scan# 224
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 108 Resp: 337421
Ion Ratio Lower Upper
108 100
106 107.8 85.7 128.5
79 32.8 24.6 36.8





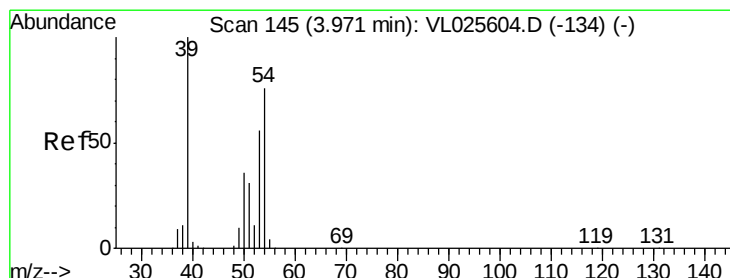
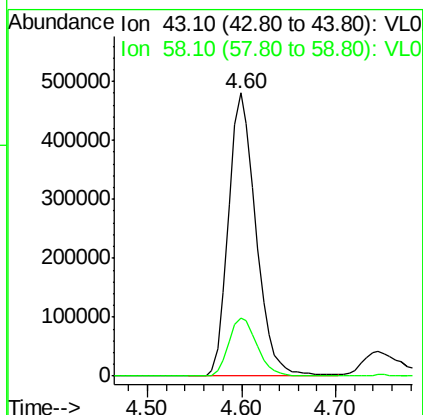
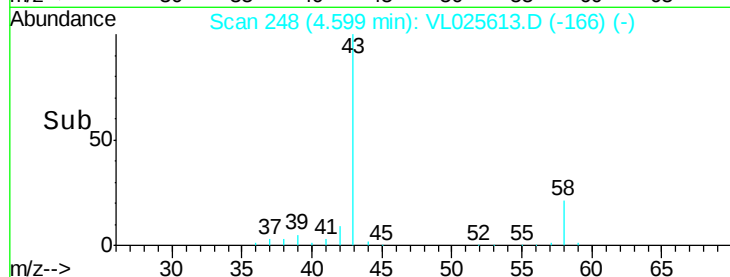
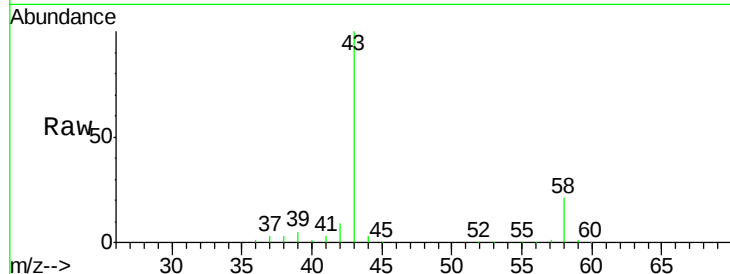
#15
Acetone
Concen: 8.65 ppbv
RT: 4.60 min Scan# 248
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

Tgt Ion: 43 Resp: 976908
Ion Ratio Lower Upper
43 100
58 21.4 17.2 25.8

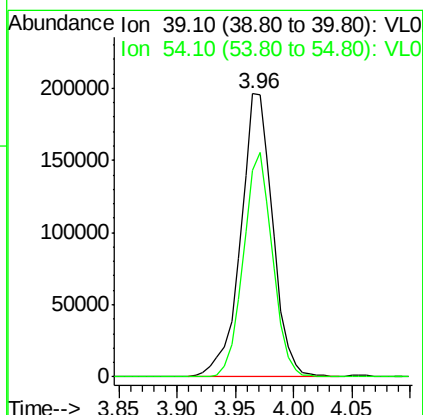
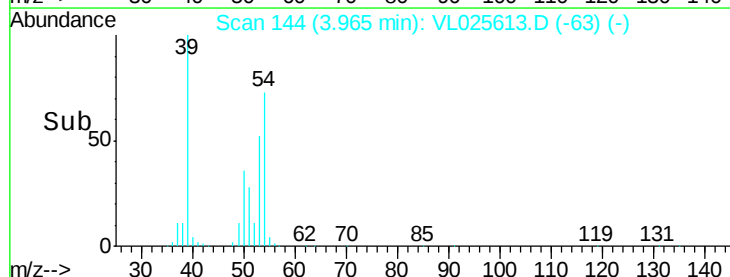
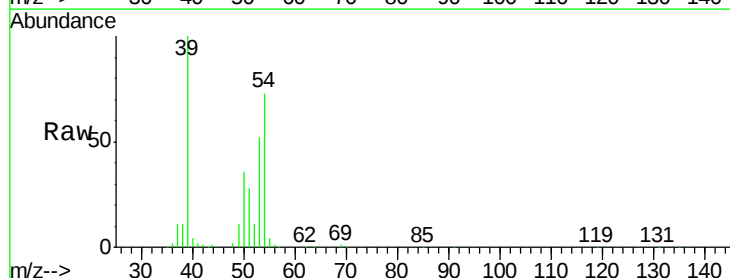
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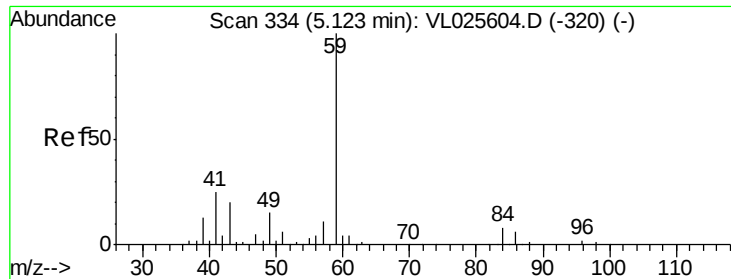
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#16
1,3-Butadiene
Concen: 8.40 ppbv
RT: 3.96 min Scan# 144
Delta R.T. -0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 39 Resp: 377576
Ion Ratio Lower Upper
39 100
54 72.1 59.3 88.9





#17

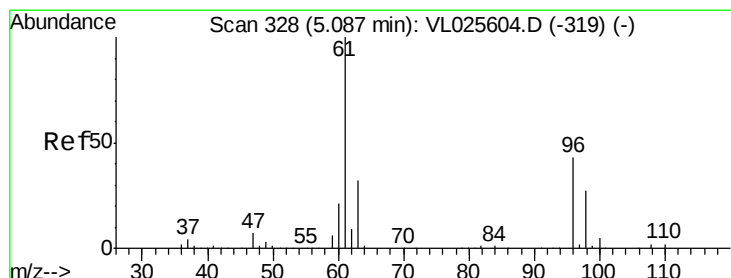
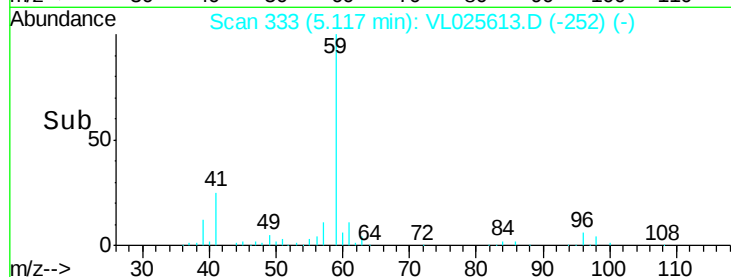
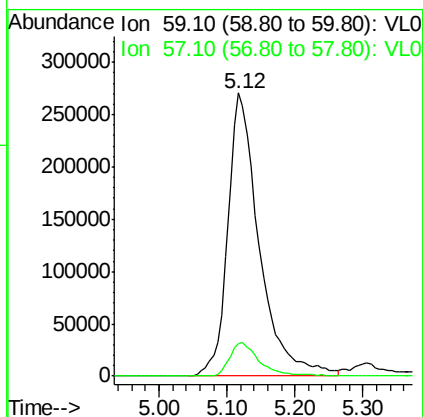
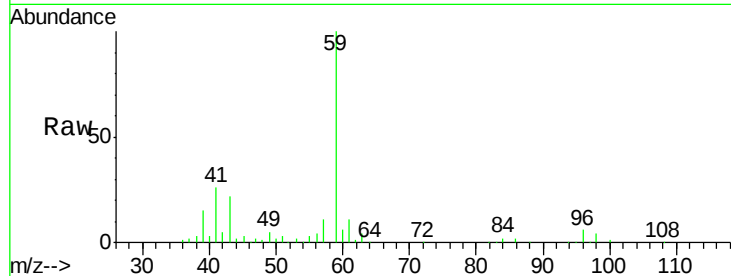
tert-Butyl alcohol
Concen: 9.18 ppbv
RT: 5.12 min Scan# 333
Delta R.T. -0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

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

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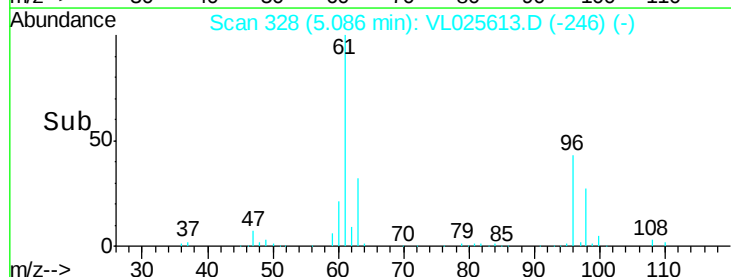
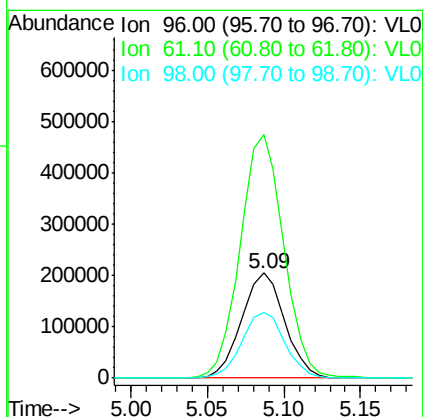
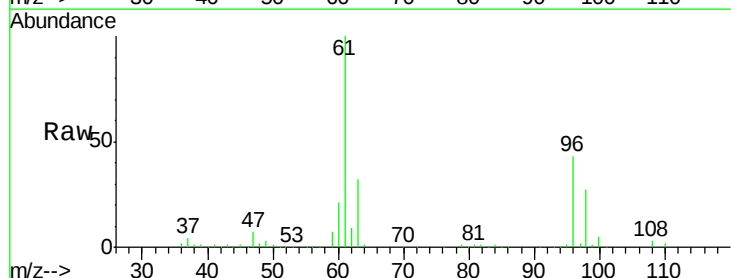
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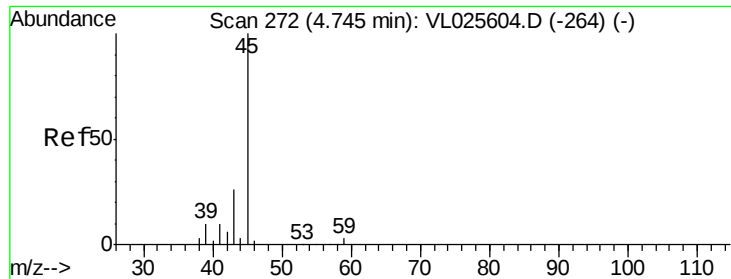


#18

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

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





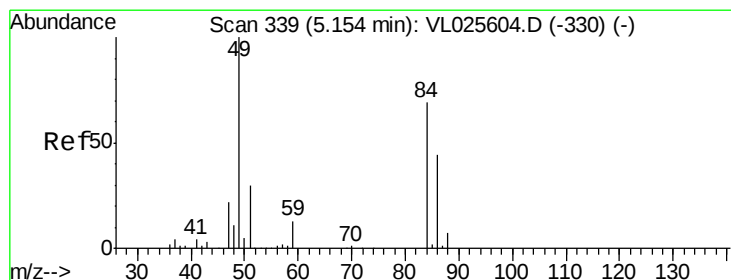
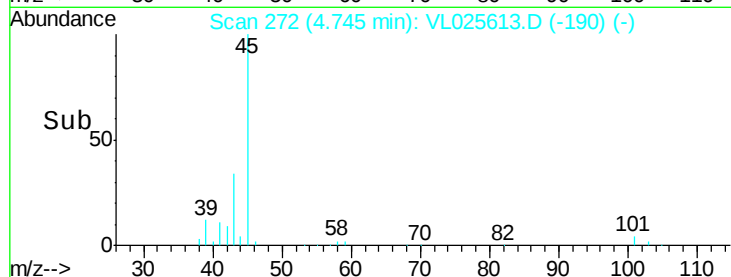
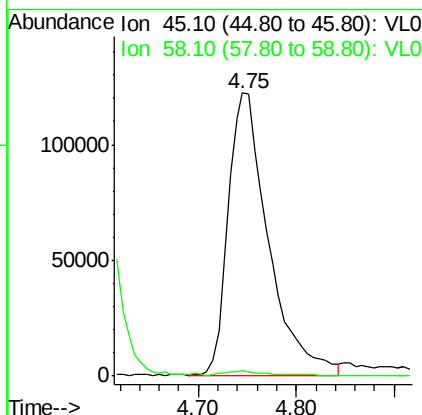
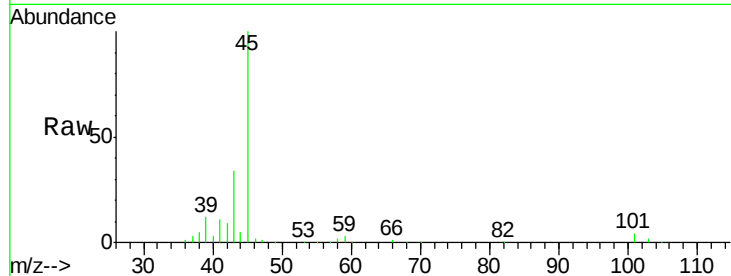
#19
Isopropyl Alcohol
Concen: 7.72 ppbv
RT: 4.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

Tgt Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.1	1.7#

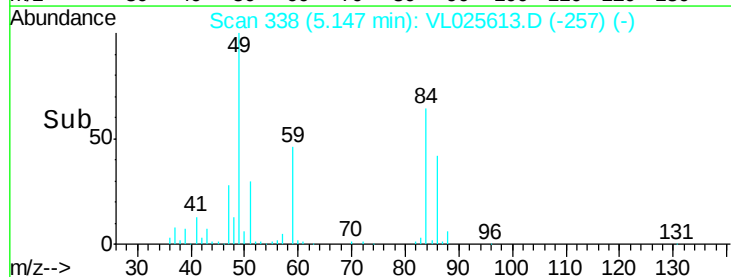
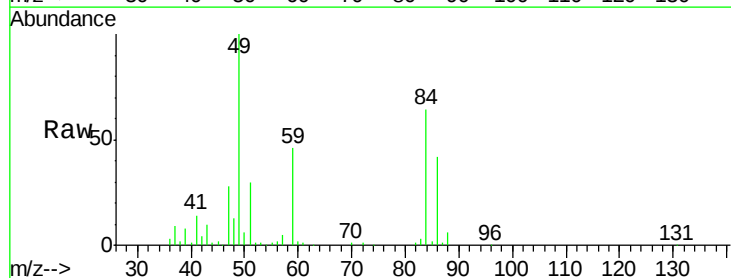
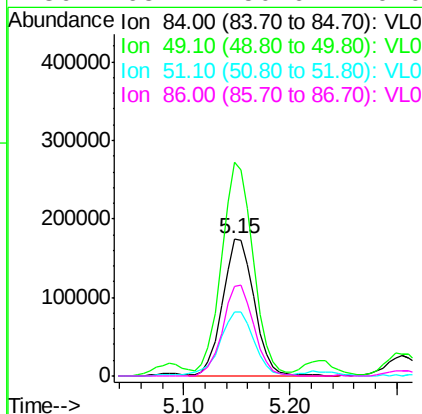
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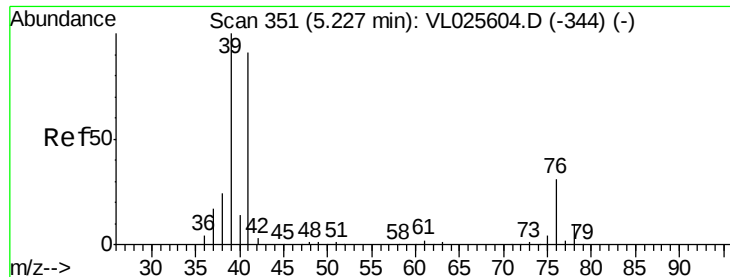
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#20
Methylene Chloride
Concen: 7.95 ppbv
RT: 5.15 min Scan# 338
Delta R.T. -0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	151.5	115.2	172.8
51	44.9	35.0	52.6
86	65.4	50.6	76.0





#21

Allyl Chloride

Concen: 8.23 ppbv

RT: 5.23 min Scan# 351

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

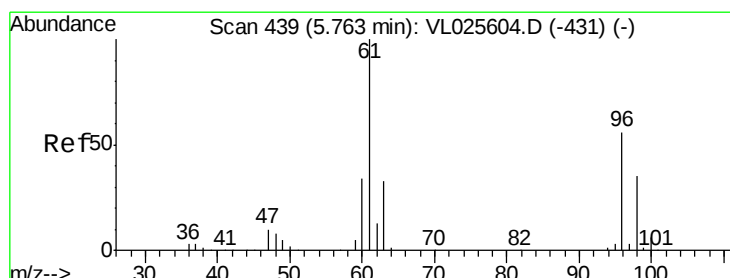
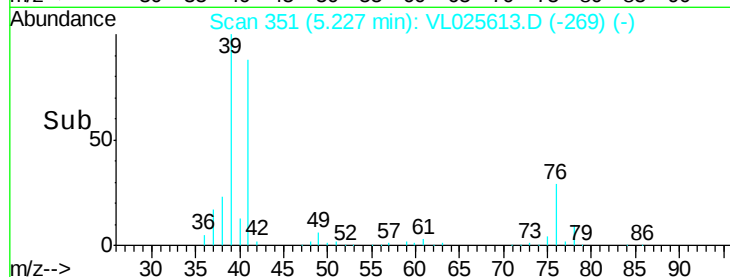
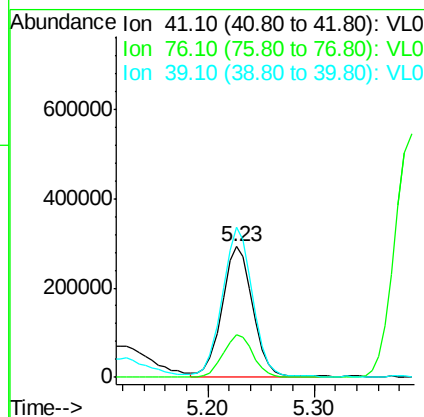
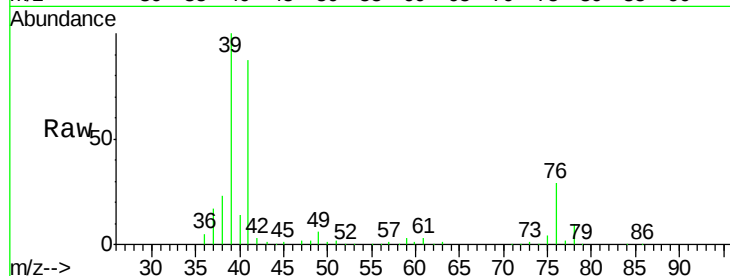
ClientSampleId :

VL0707ABS01

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

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#22

trans-1,2-Dichloroethene

Concen: 8.38 ppbv

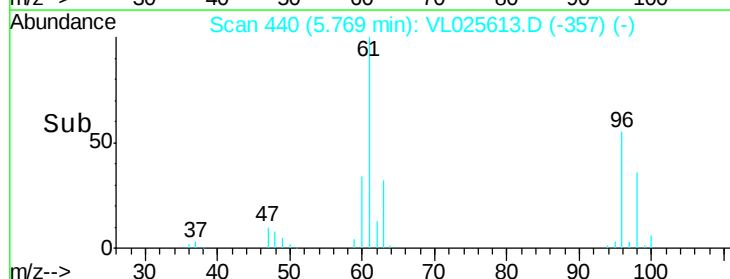
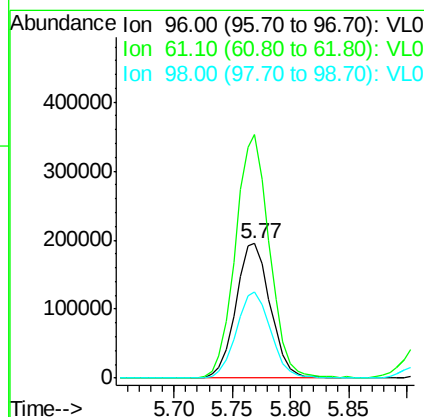
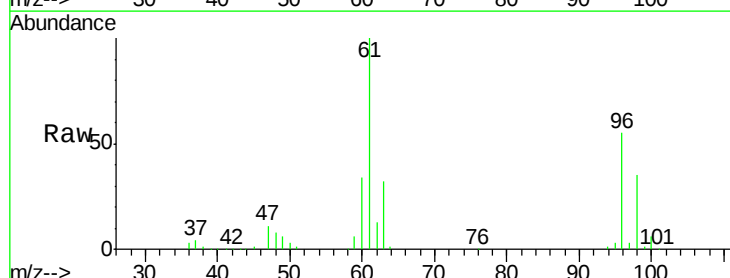
RT: 5.77 min Scan# 440

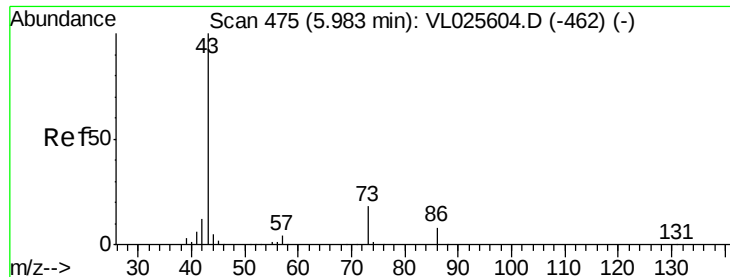
Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

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





#23

Vinyl Acetate

Concen: 8.93 ppbv

RT: 5.99 min Scan# 476

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 43 Resp: 1528431

Ion Ratio Lower Upper

43 100

86 8.6 6.7 10.1

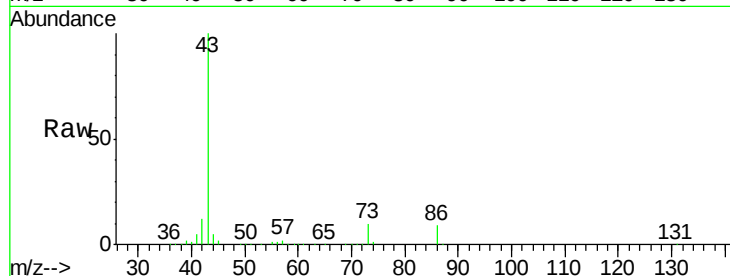
42 12.1 9.8 14.6

44 4.8 4.1 6.1

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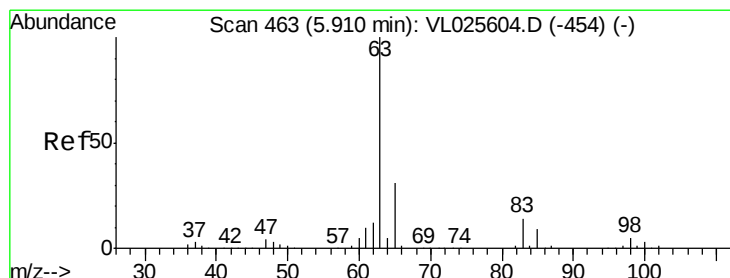
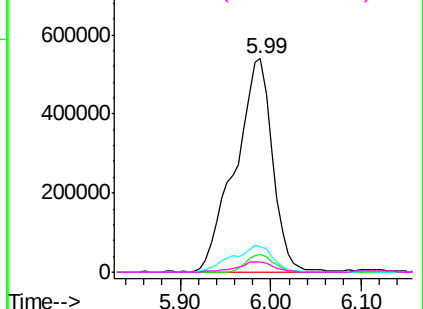
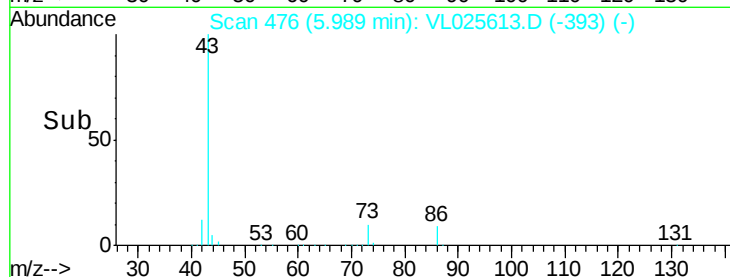


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.48 ppbv

RT: 5.92 min Scan# 464

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

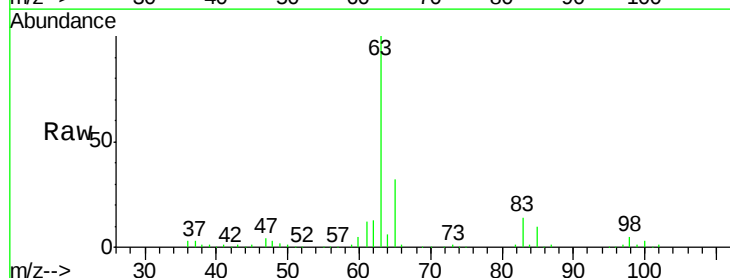
Tgt Ion: 63 Resp: 973162

Ion Ratio Lower Upper

63 100

98 5.0 2.6 8.0

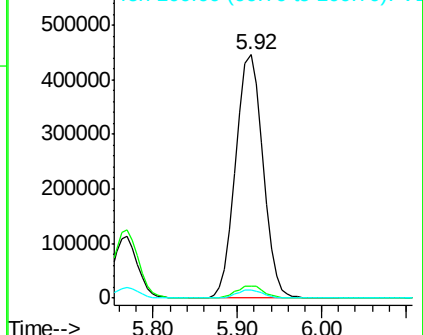
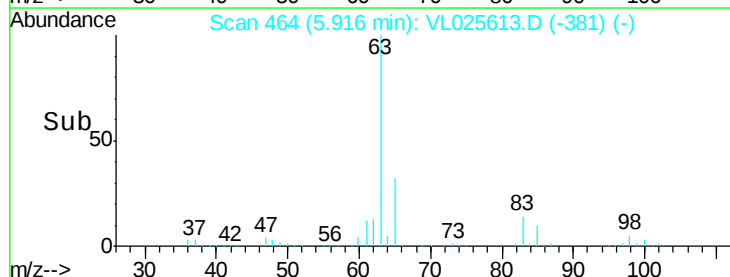
100 3.4 1.6 4.7

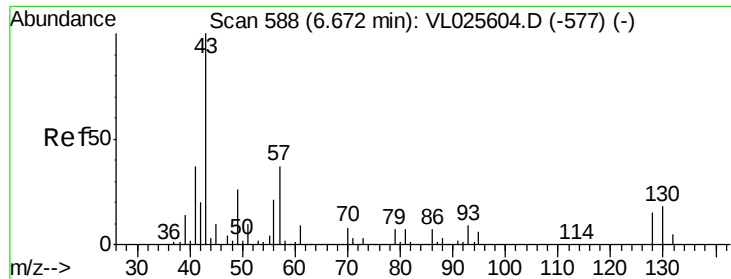


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 8.70 ppbv

RT: 6.67 min Scan# 588

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 43 Resp: 1487523

Ion Ratio Lower Upper

43 100

45 9.0 7.5 11.3

61 8.3 6.6 10.0

70 7.2 6.0 9.0

Instrument :

MSVOA_L

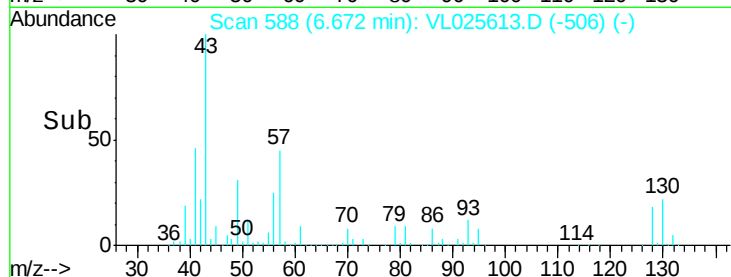
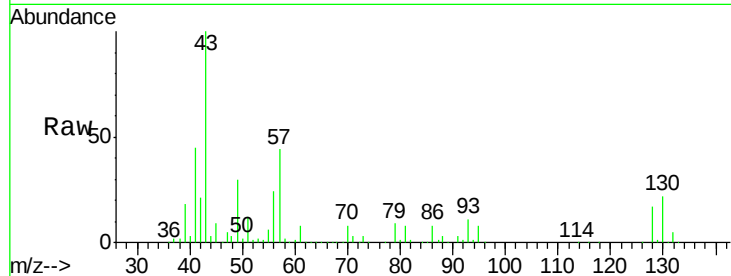
ClientSampleId :

VL0707ABS01

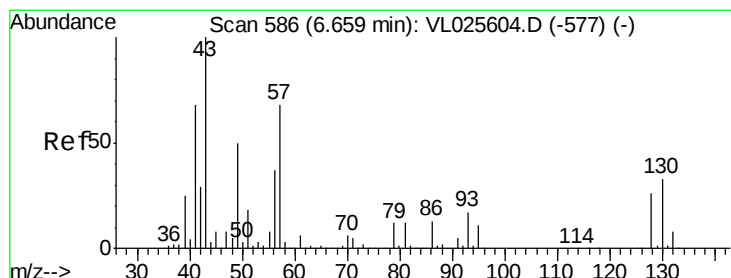
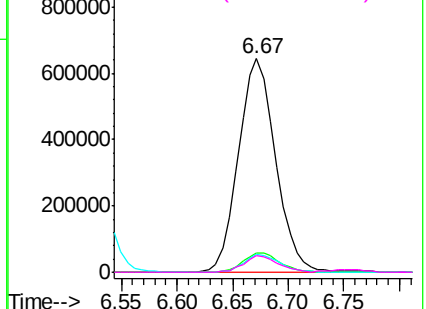
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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.64 ppbv

RT: 6.67 min Scan# 587

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion: 57 Resp: 695159

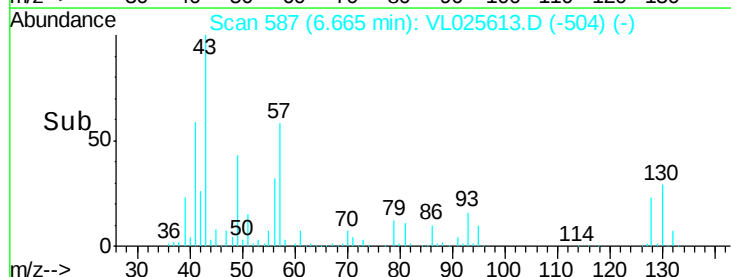
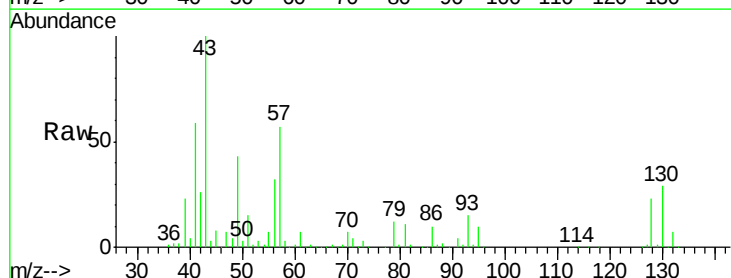
Ion Ratio Lower Upper

57 100

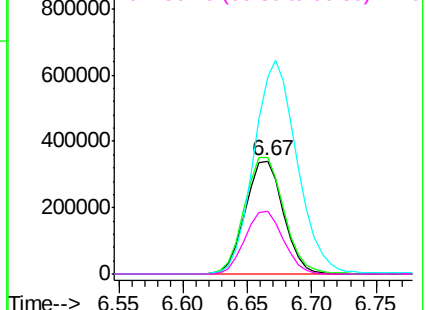
41 109.1 81.4 122.2

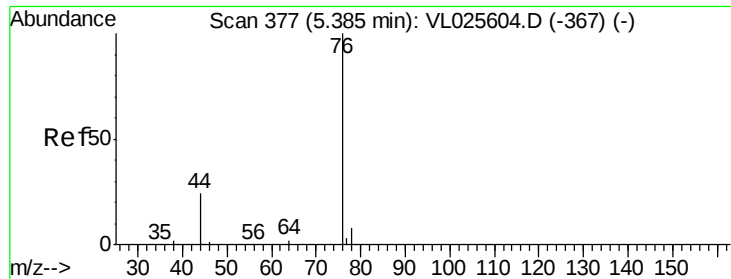
43 215.8 171.4 257.2

56 56.1 44.5 66.7



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 8.61 ppbv

RT: 5.39 min Scan# 378

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 76 Resp: 1122881

Ion Ratio Lower Upper

76 100

44 25.7 20.2 30.4

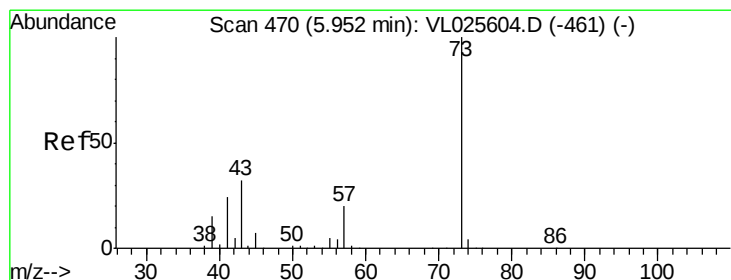
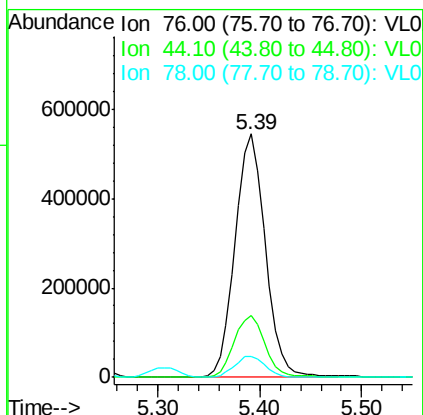
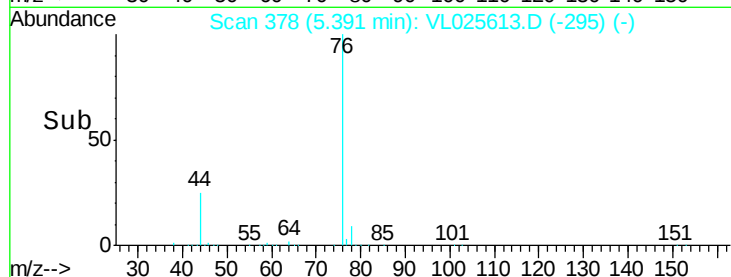
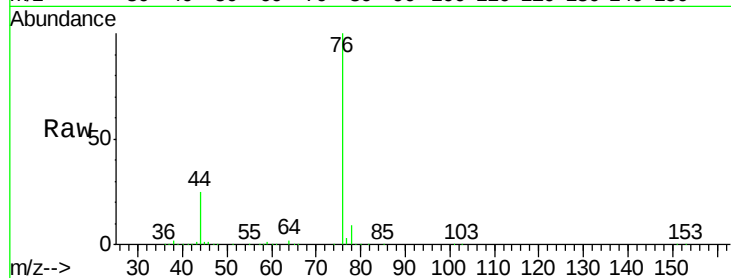
78 9.2 7.4 11.2

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#28

Methyl tert-Butyl Ether

Concen: 8.95 ppbv

RT: 5.95 min Scan# 470

Delta R.T. -0.00 min

Lab File: VL025613.D

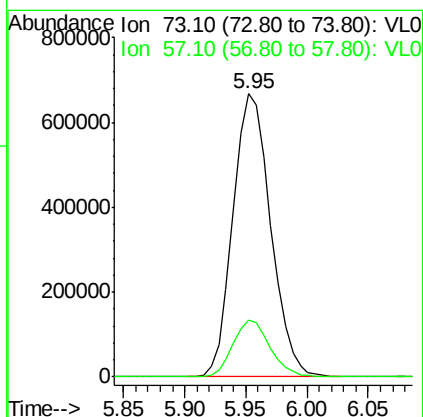
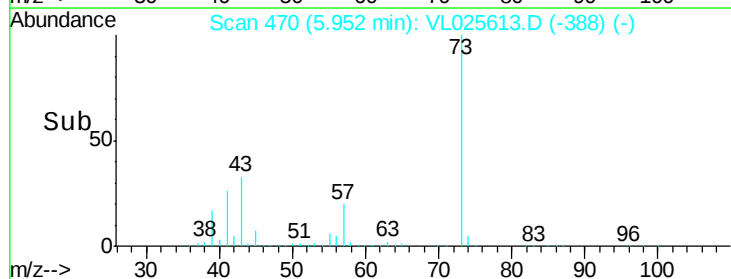
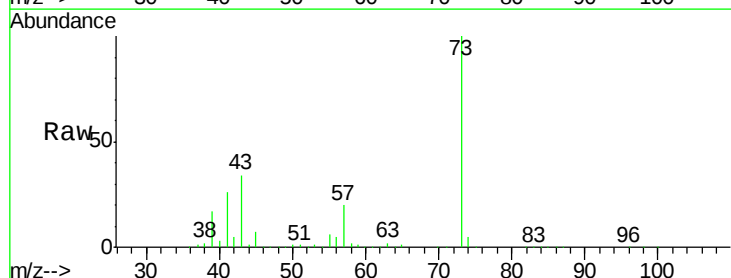
Acq: 7 Jul 2015 17:57

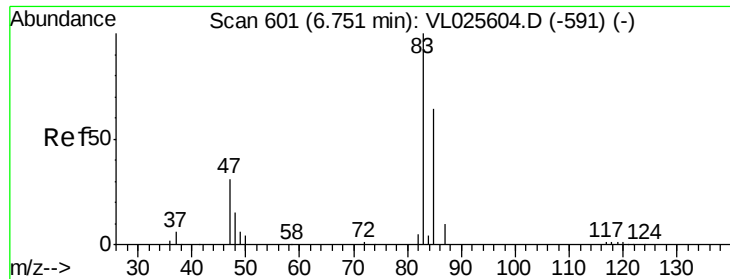
Tgt Ion: 73 Resp: 1431708

Ion Ratio Lower Upper

73 100

57 19.9 16.0 24.0





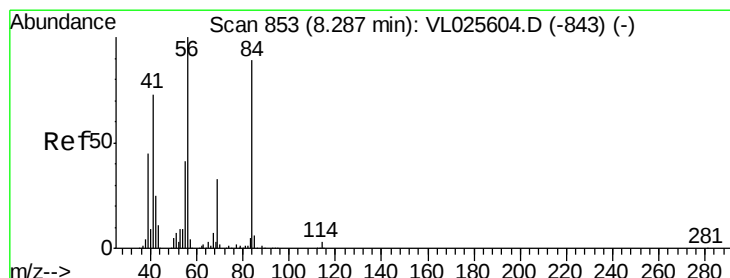
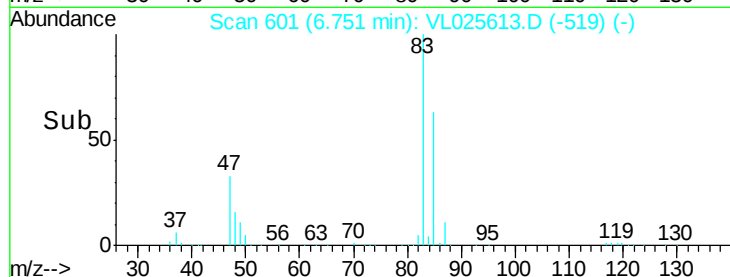
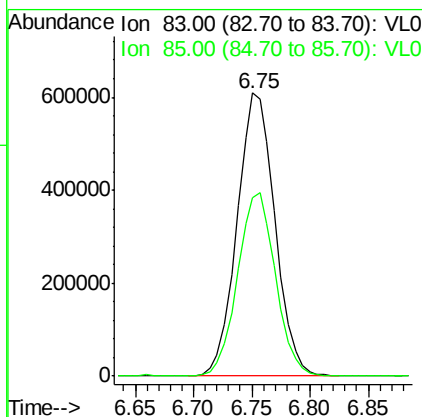
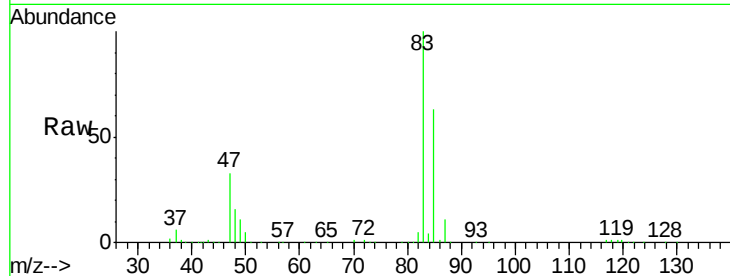
#29
Chloroform
Concen: 8.67 ppbv
RT: 6.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

Tgt Ion: 83 Resp: 1377925
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4

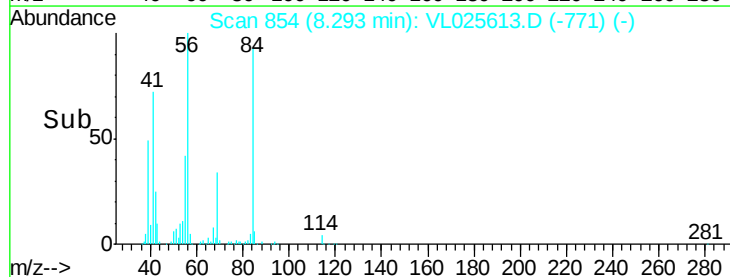
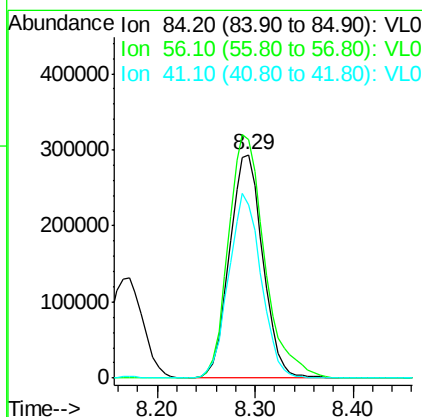
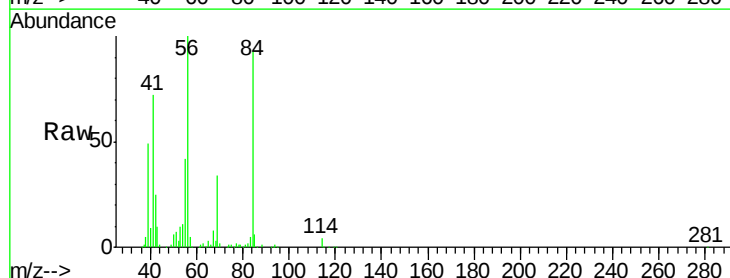
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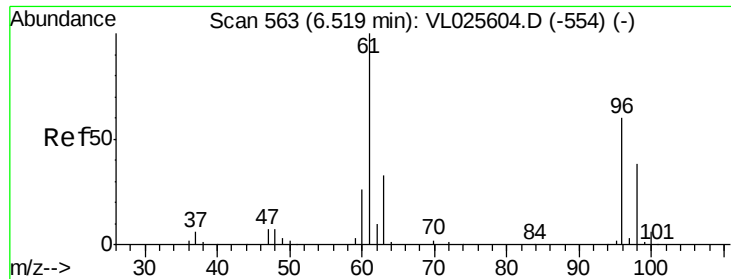
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#30
Cyclohexane
Concen: 8.98 ppbv
RT: 8.29 min Scan# 854
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 84 Resp: 690952
Ion Ratio Lower Upper
84 100
56 119.3 97.5 146.3
41 81.1 65.4 98.2





#31

cis-1,2-Dichloroethene

Concen: 9.01 ppbv

RT: 6.53 min Scan# 564

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 61 Resp: 720952
Ion Ratio Lower Upper

61 100

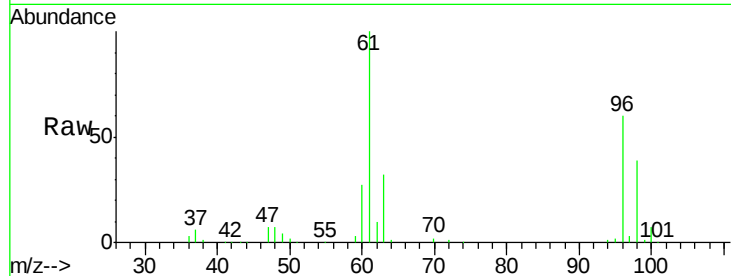
96 59.7 48.1 72.1

98 39.4 30.7 46.1

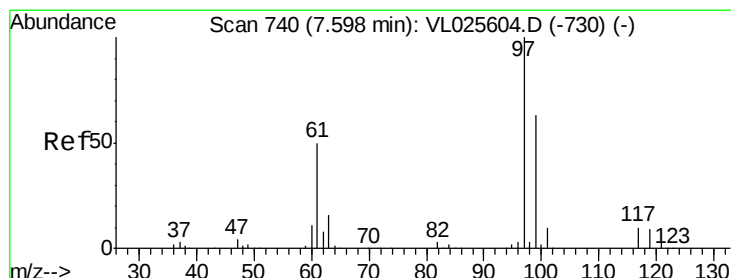
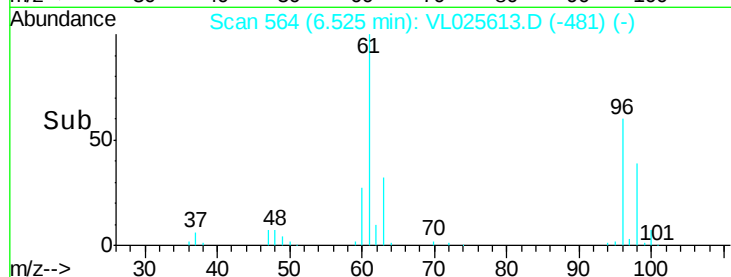
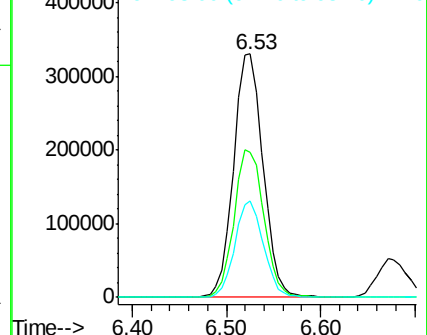
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Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 8.96 ppbv

RT: 7.60 min Scan# 741

Delta R.T. 0.01 min

Lab File: VL025613.D

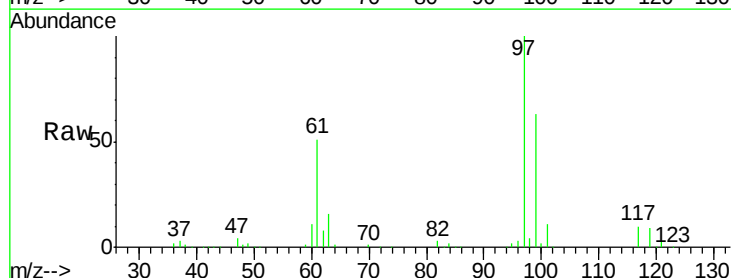
Acq: 7 Jul 2015 17:57

Tgt Ion: 97 Resp: 1547655
Ion Ratio Lower Upper

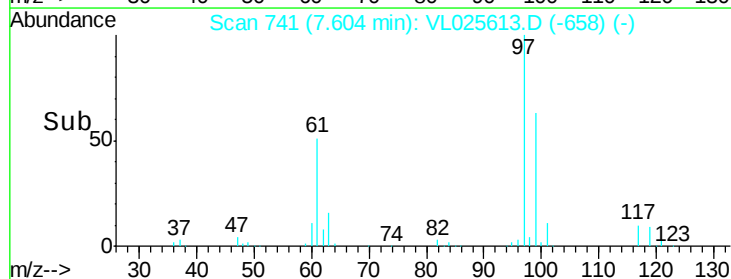
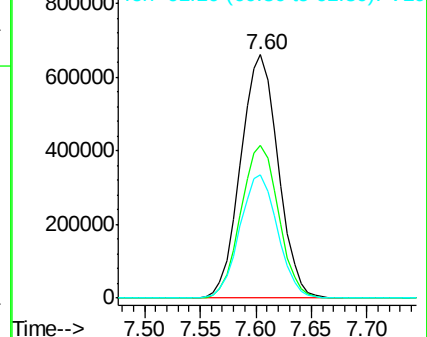
97 100

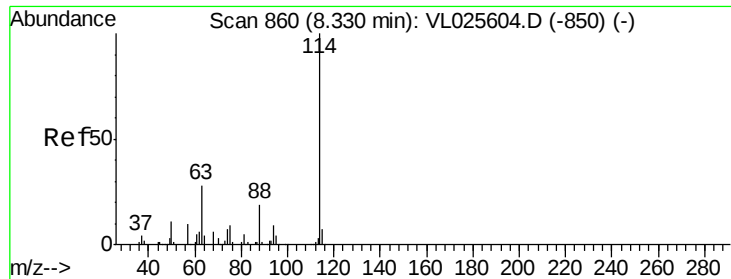
99 63.4 51.2 76.8

61 51.1 40.4 60.6



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





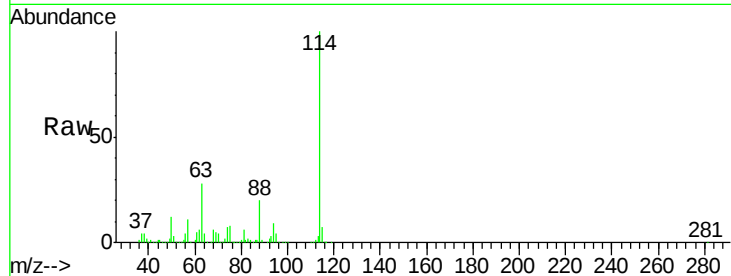
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

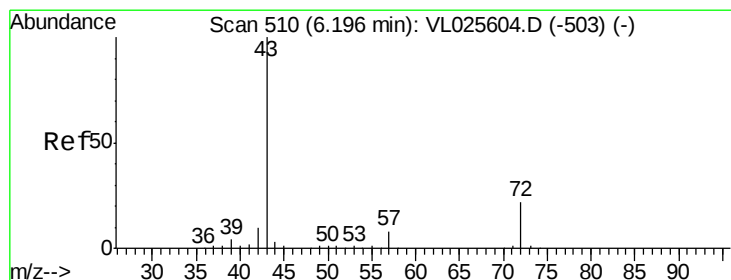
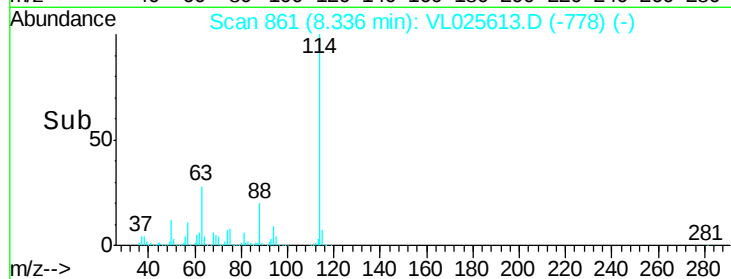
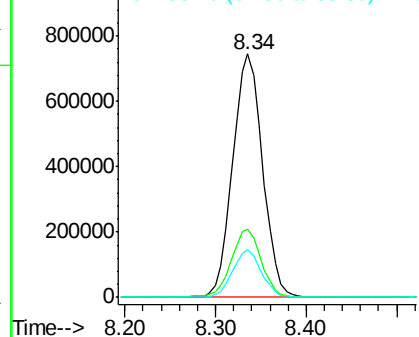
Tgt Ion: 114 Resp: 1698282
 Ion Ratio Lower Upper
 114 100
 63 28.4 22.4 33.6
 88 18.9 15.0 22.4

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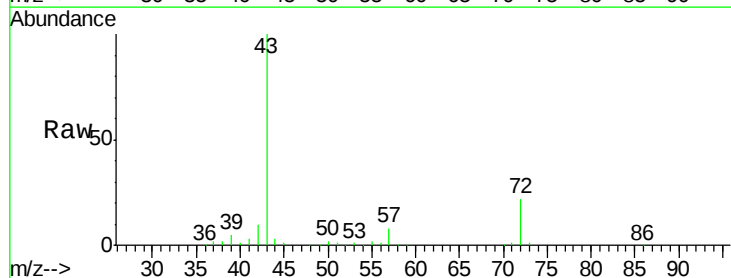


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

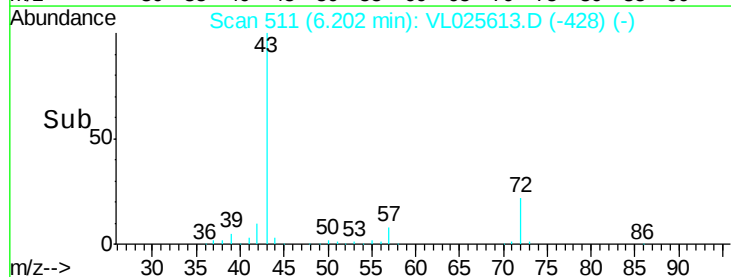
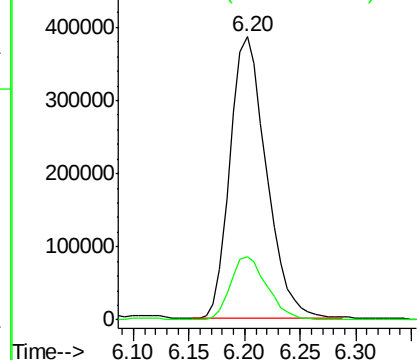


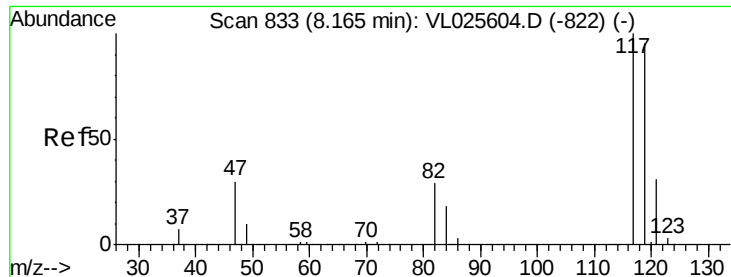
#34
 2-Butanone
 Concen: 9.12 ppbv
 RT: 6.20 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 43 Resp: 879012
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.6 28.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 9.20 ppbv

RT: 8.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 117 Resp: 1664619

Ion Ratio Lower Upper

117 100

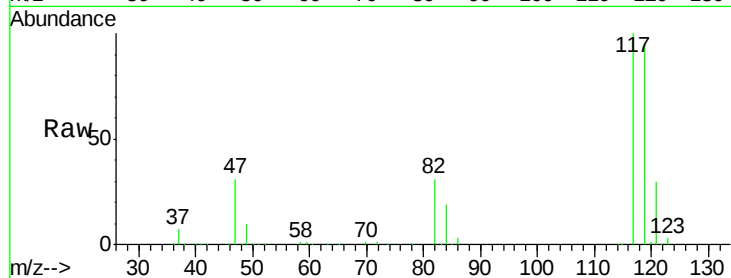
119 95.1 75.9 113.9

121 30.3 24.4 36.6

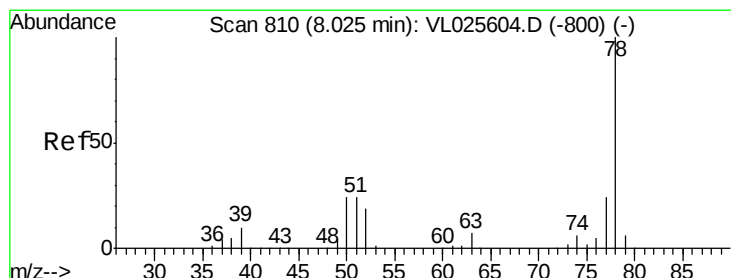
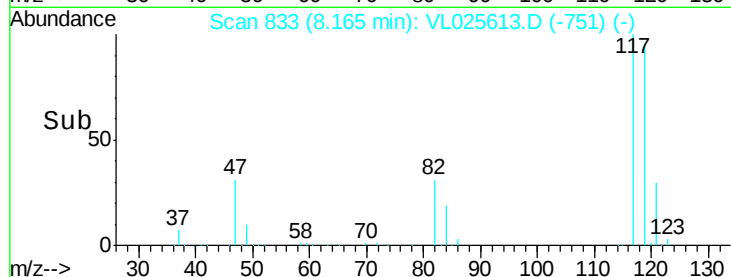
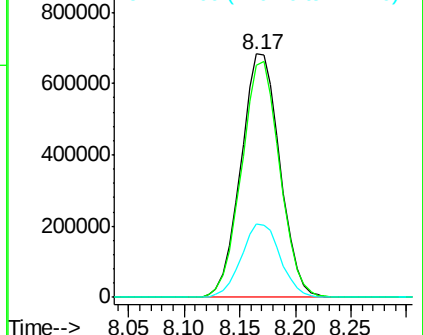
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.03 ppbv

RT: 8.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

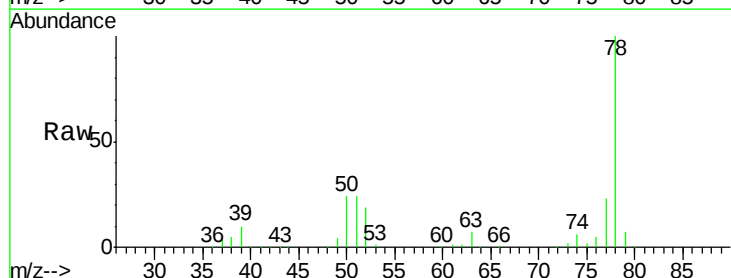
Tgt Ion: 78 Resp: 1467915

Ion Ratio Lower Upper

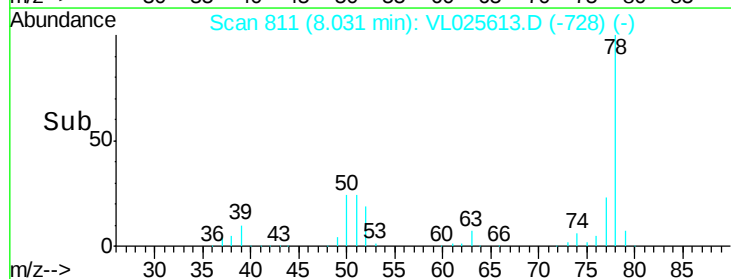
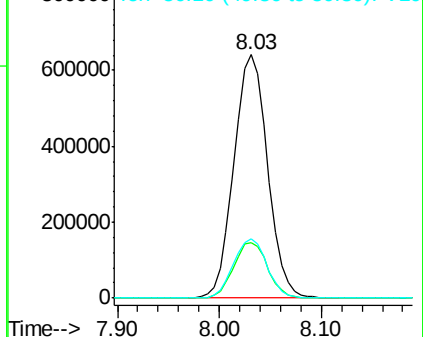
78 100

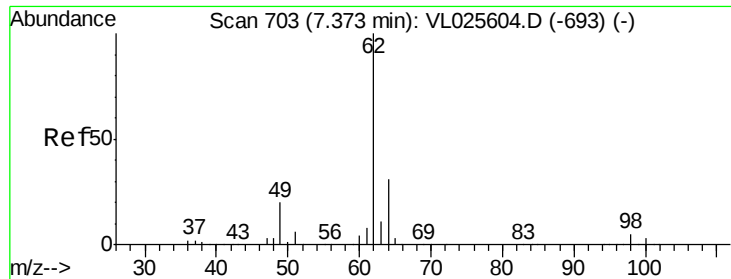
77 23.0 19.0 28.4

50 24.3 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





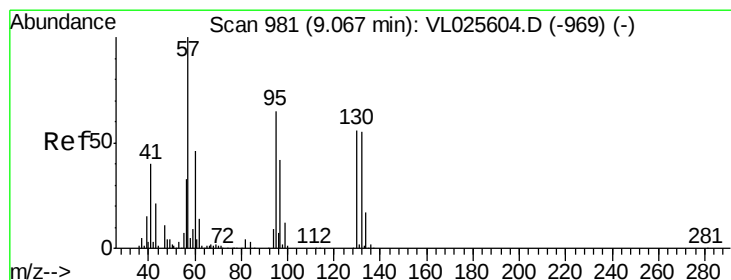
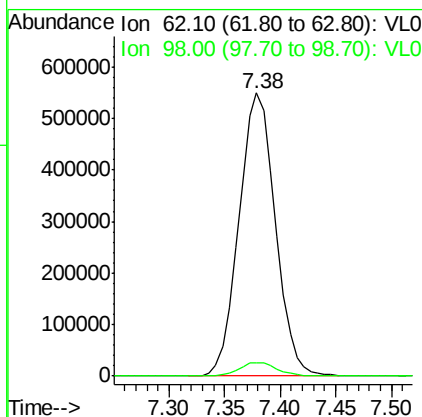
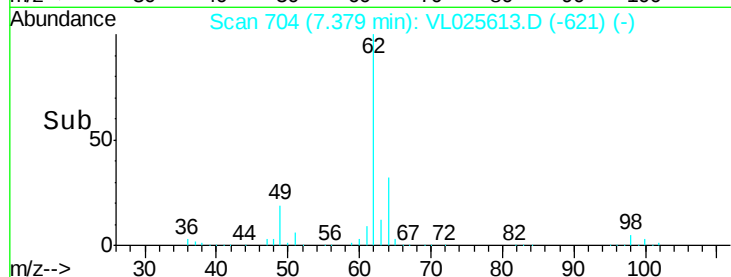
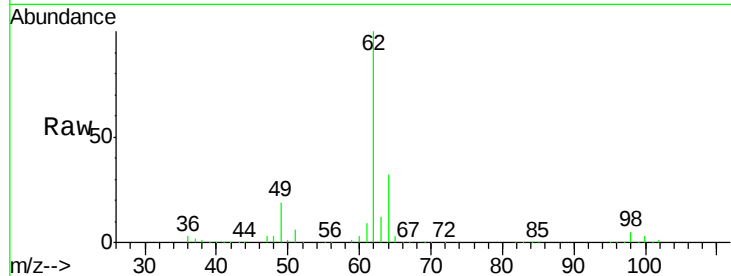
#37
 1,2-Dichloroethane
 Concen: 8.99 ppbv
 RT: 7.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

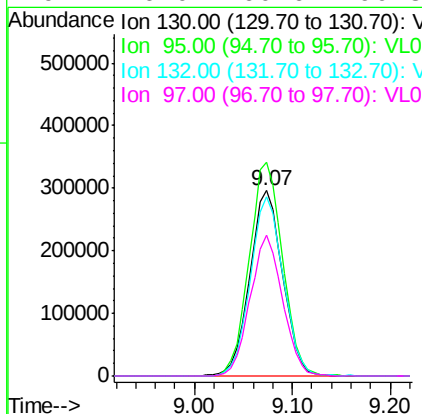
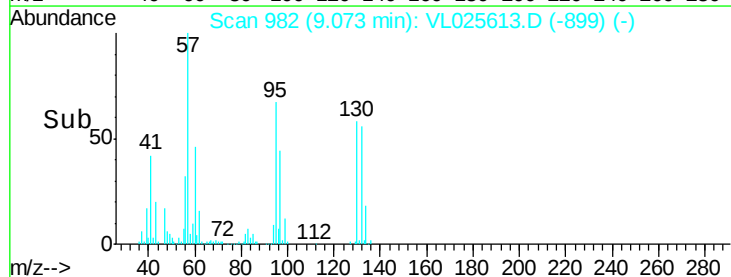
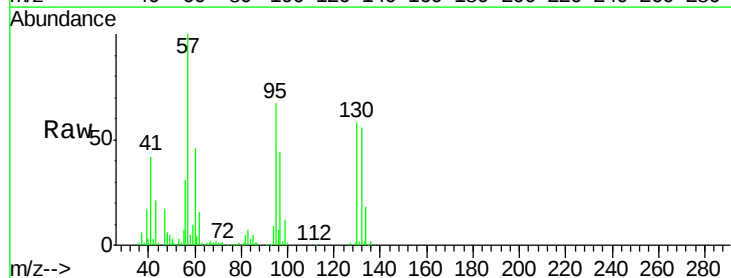
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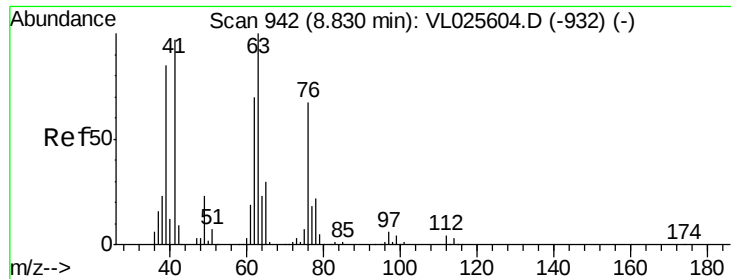
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#38
 Trichloroethene
 Concen: 9.14 ppbv
 RT: 9.07 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

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





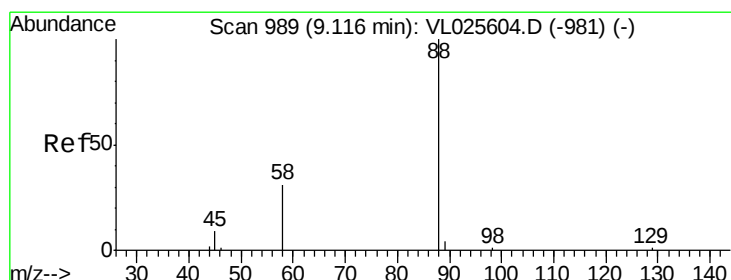
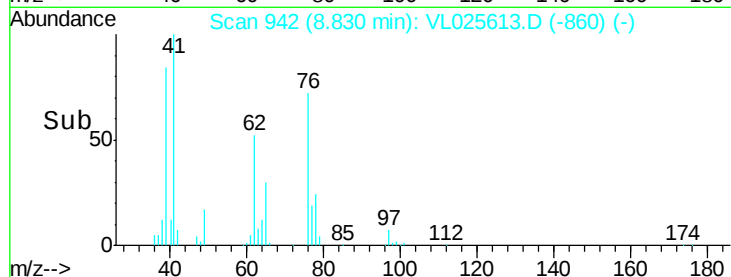
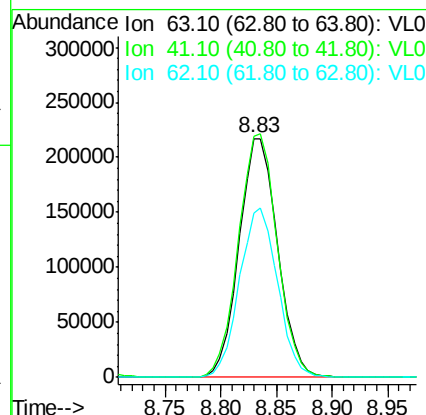
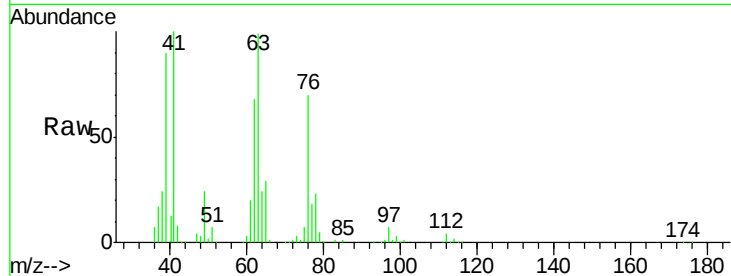
#39
 1,2-Dichloropropane
 Concen: 8.71 ppbv
 RT: 8.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

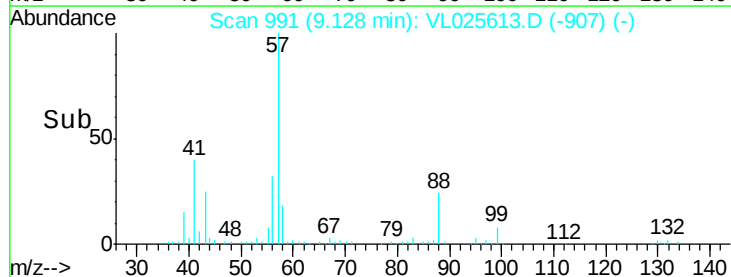
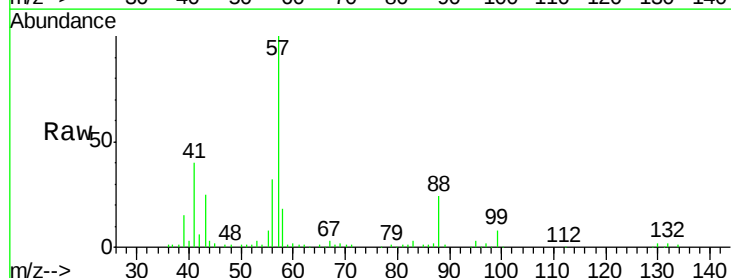
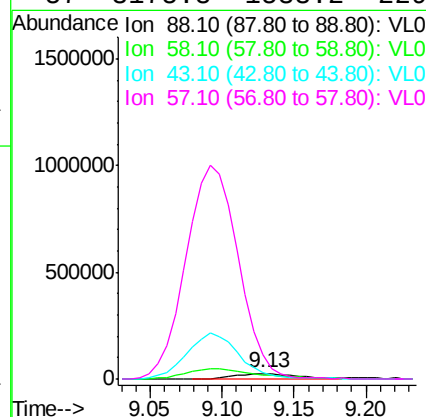
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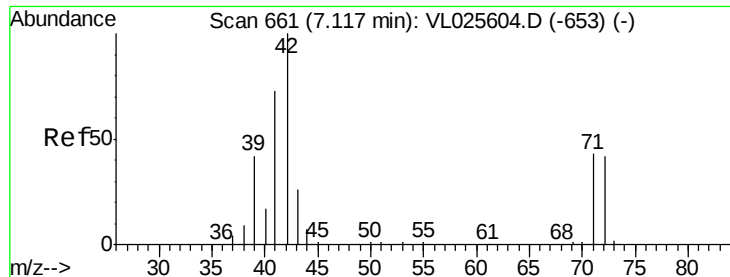
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#40
 1,4-Dioxane
 Concen: 8.51 ppbv
 RT: 9.13 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

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





#41

Tetrahydrofuran

Concen: 9.19 ppbv

RT: 7.12 min Scan# 662

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

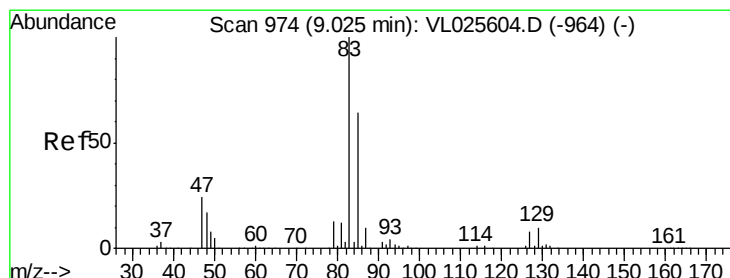
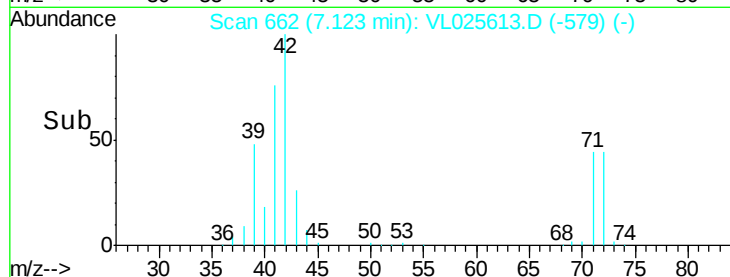
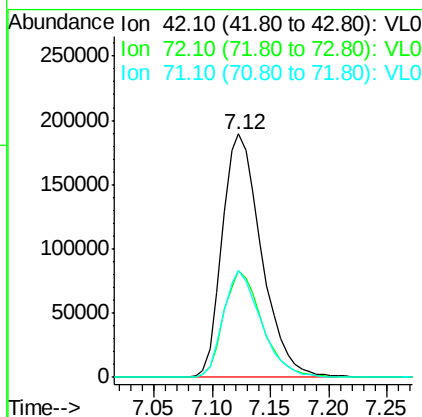
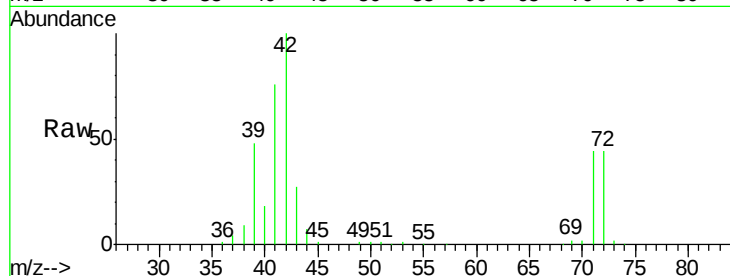
ClientSampleId :

VL0707ABS01

Tgt Ion:	42	Resp:	442140
Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.0	51.0
71	42.4	33.0	49.6

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#42

Bromodichloromethane

Concen: 9.27 ppbv

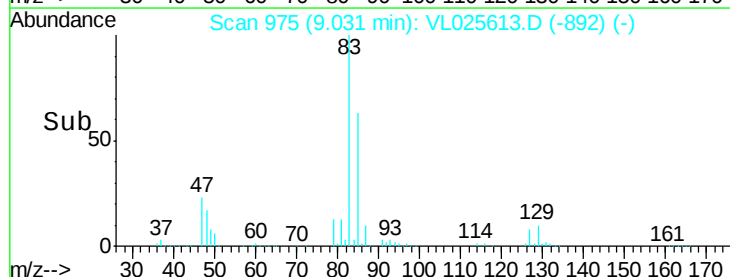
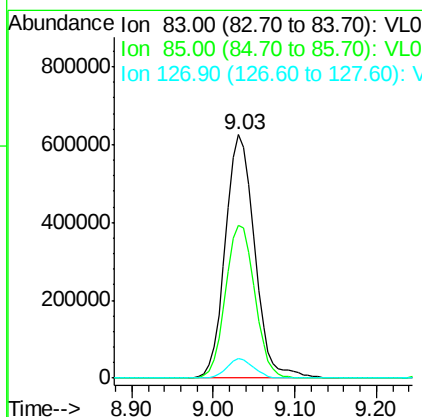
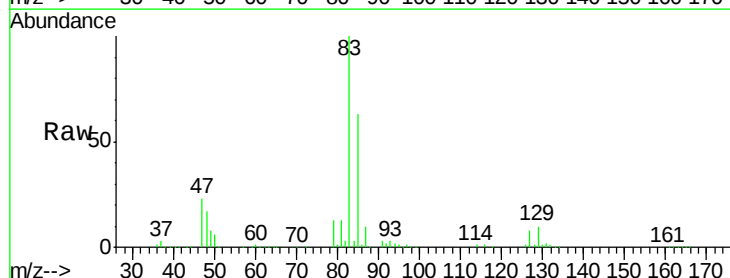
RT: 9.03 min Scan# 975

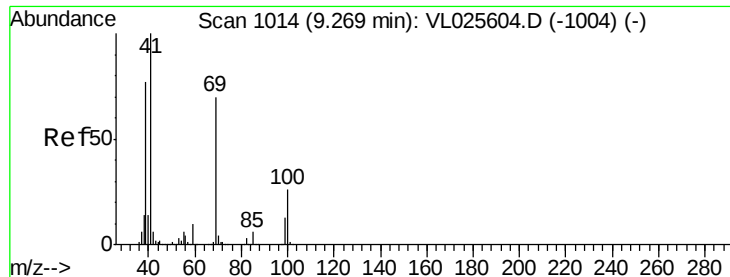
Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Tgt Ion:	83	Resp:	1552667
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.3	76.9
127	8.0	6.0	9.0





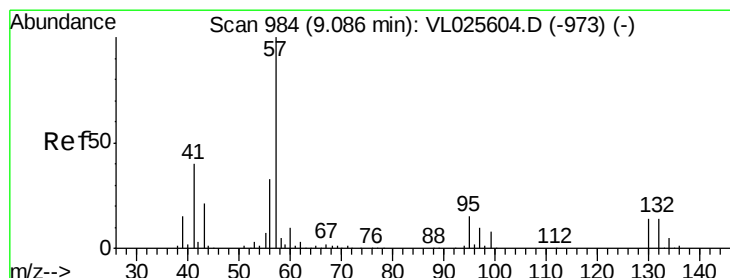
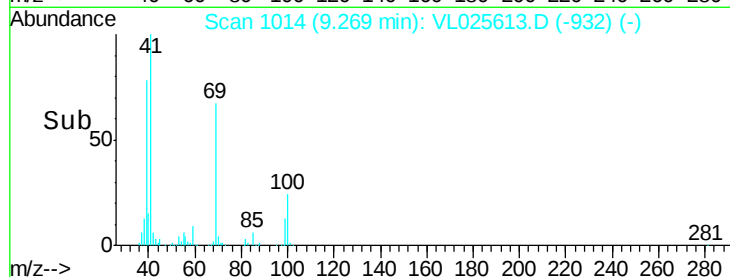
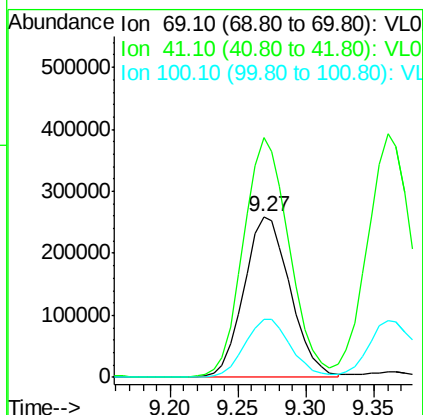
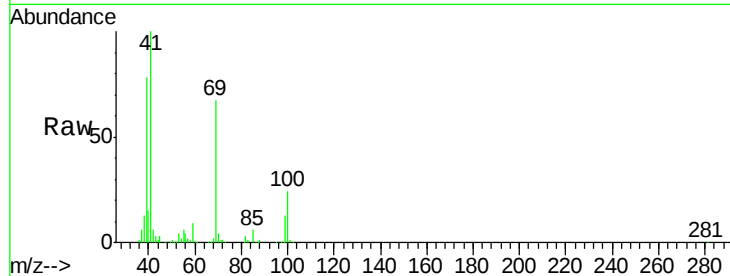
#43
Methyl Methacrylate
Concen: 9.88 ppbv
RT: 9.27 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

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

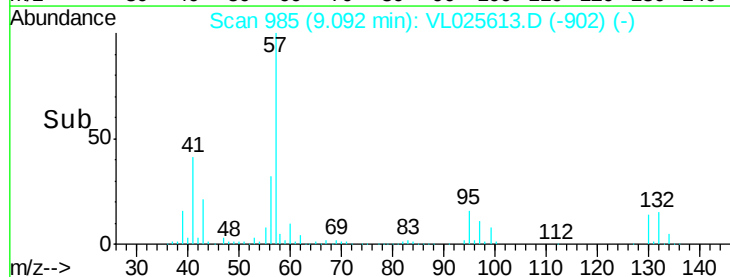
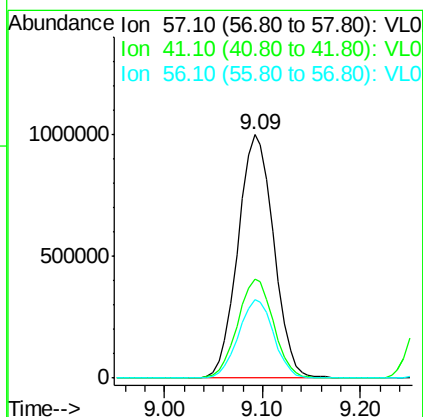
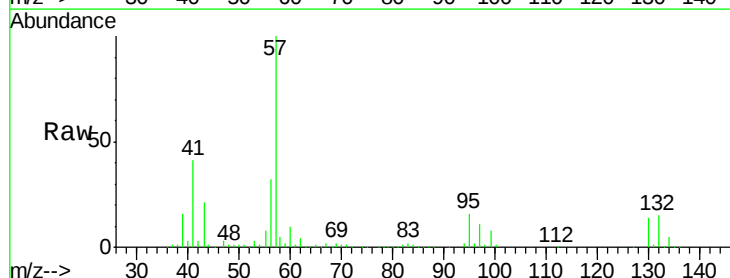
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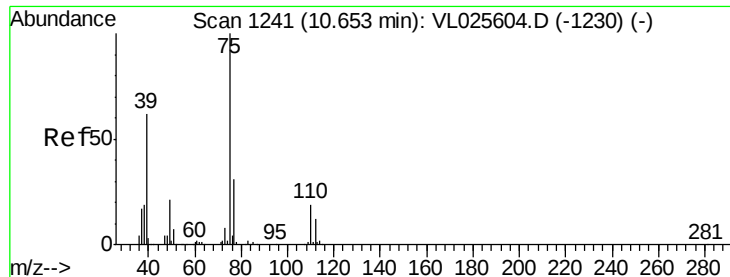
sam
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#44
2,2,4-Trimethylpentane
Concen: 9.12 ppbv
RT: 9.09 min Scan# 985
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

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





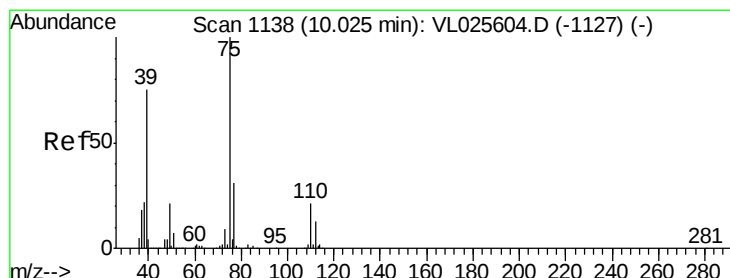
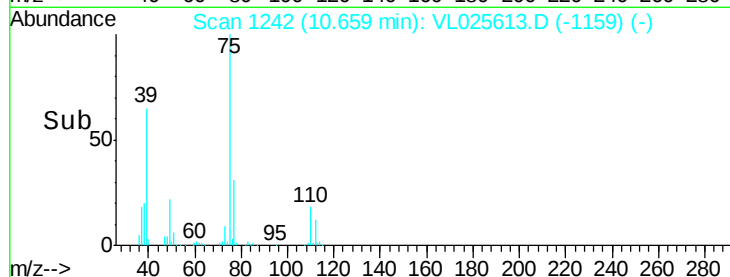
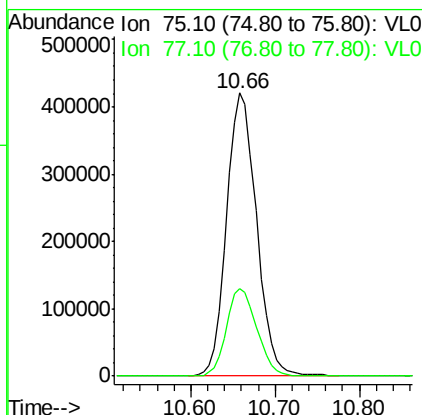
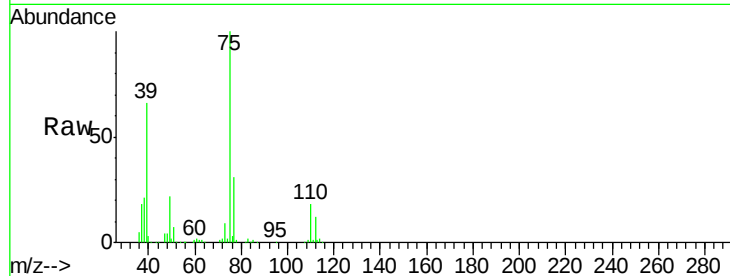
#45
t-1,3-Dichloropropene
Concen: 9.69 ppbv
RT: 10.66 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

Tgt Ion: 75 Resp: 1017732
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0

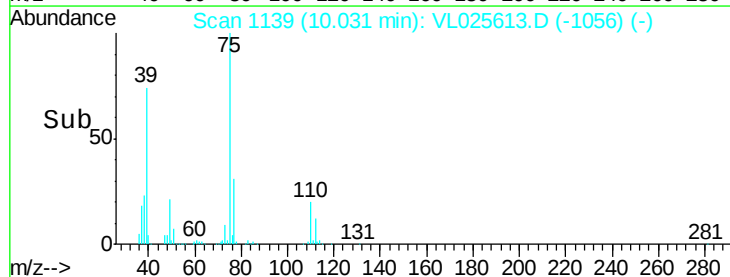
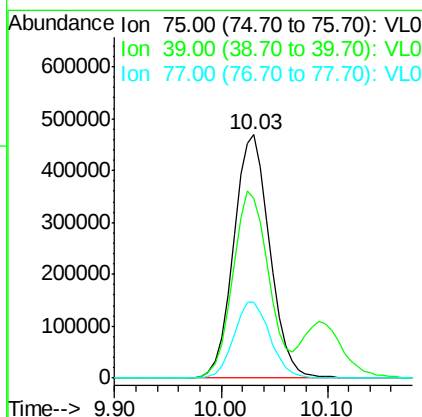
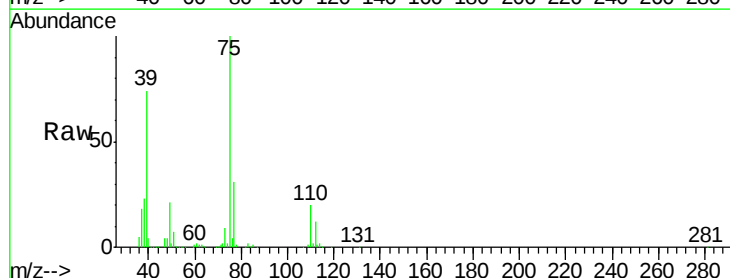
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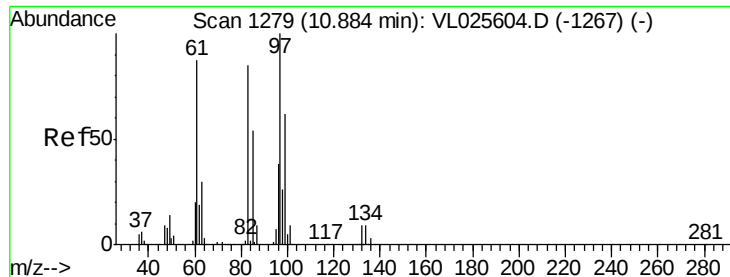
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#46
cis-1,3-Dichloropropene
Concen: 9.59 ppbv
RT: 10.03 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 75 Resp: 1113187
Ion Ratio Lower Upper
75 100
39 73.7 60.4 90.6
77 31.2 24.6 37.0





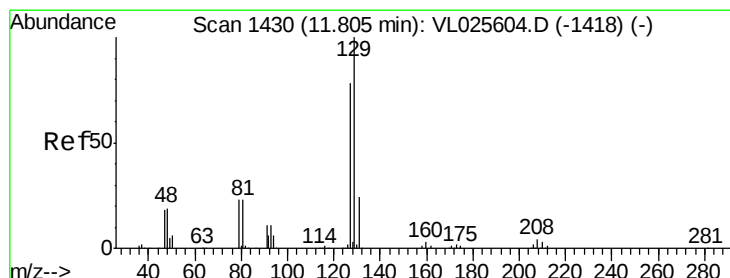
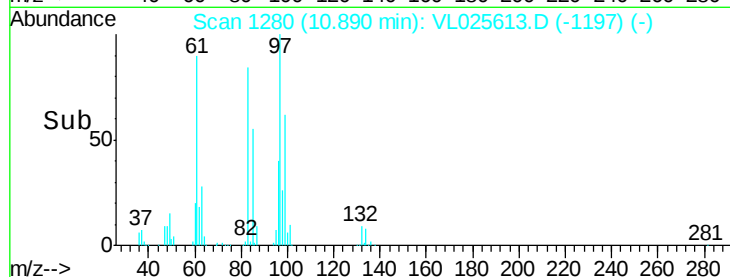
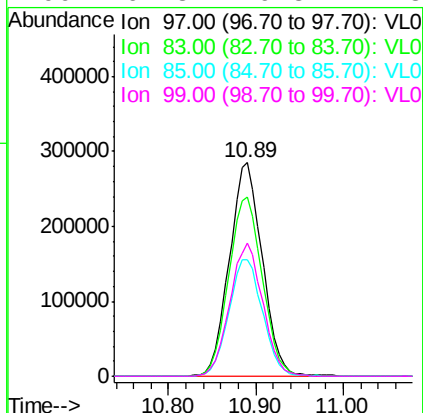
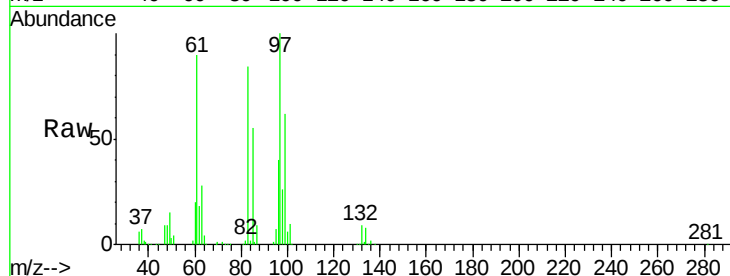
#47
 1,1,2-Trichloroethane
 Concen: 8.92 ppbv
 RT: 10.89 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

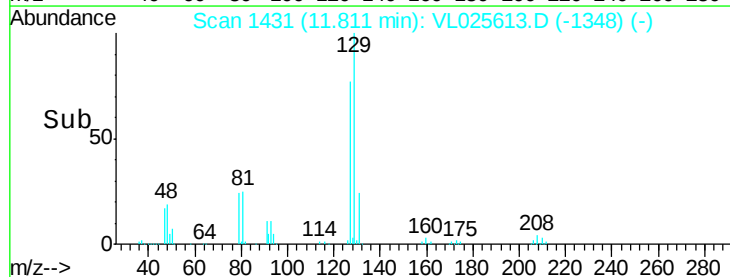
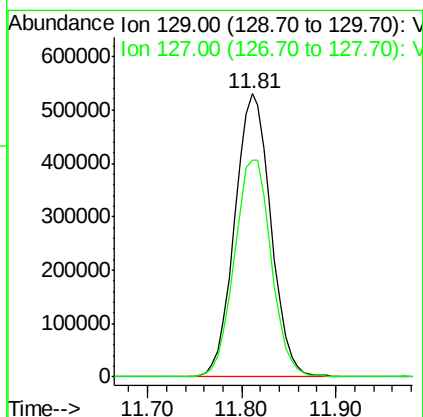
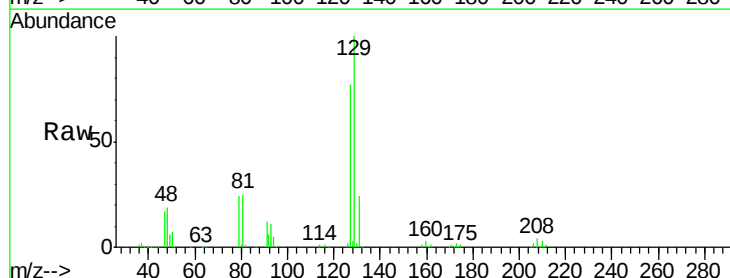
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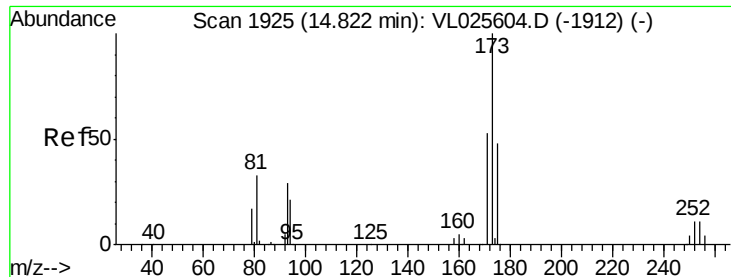
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#48
 Dibromochloromethane
 Concen: 9.50 ppbv
 RT: 11.81 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.0	116.9





#49

Bromoform

Concen: 9.54 ppbv

RT: 14.82 min Scan# 1925

Delta R.T. -0.00 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion:173 Resp: 1177012

Ion Ratio Lower Upper

173 100

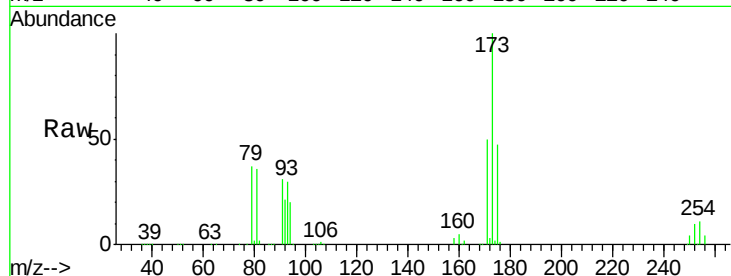
175 49.2 39.5 59.3

171 51.9 42.2 63.2

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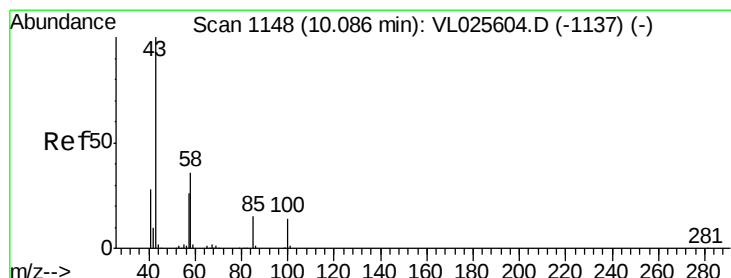
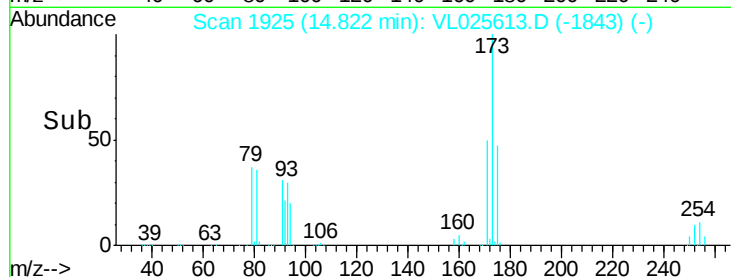
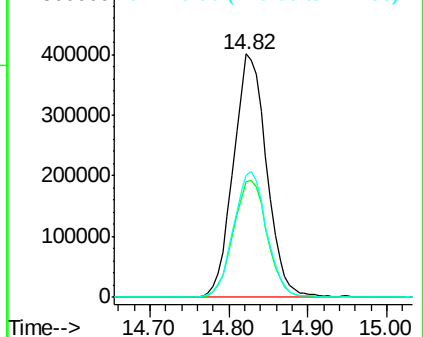
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.64 ppbv

RT: 10.09 min Scan# 1149

Delta R.T. 0.01 min

Lab File: VL025613.D

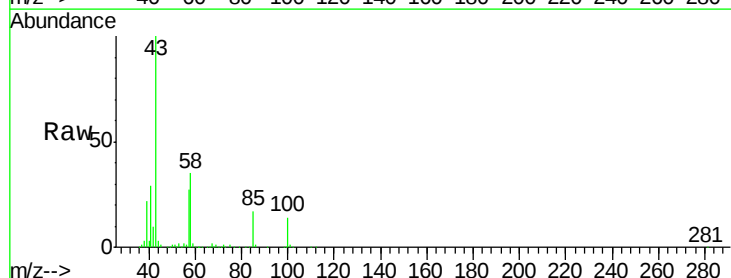
Acq: 7 Jul 2015 17:57

Tgt Ion: 43 Resp: 1338460

Ion Ratio Lower Upper

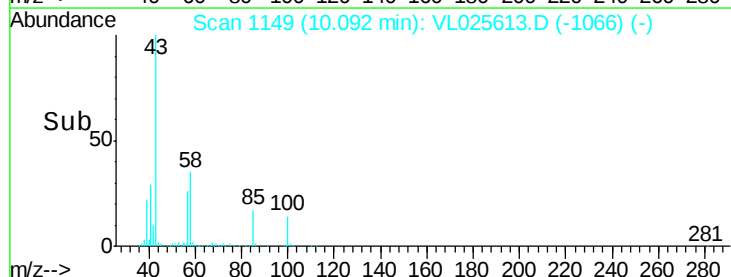
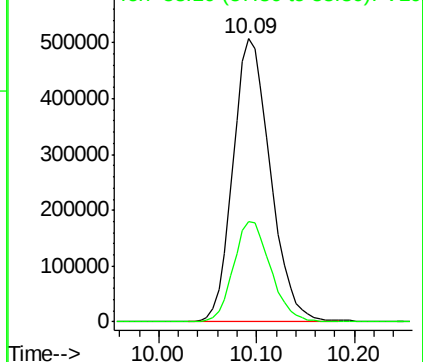
43 100

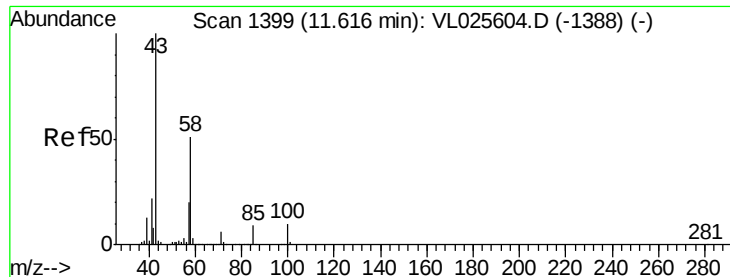
58 35.6 28.5 42.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





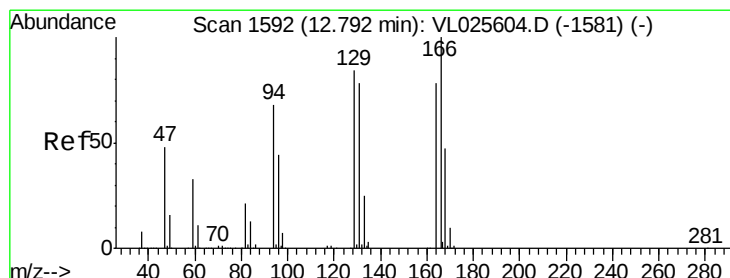
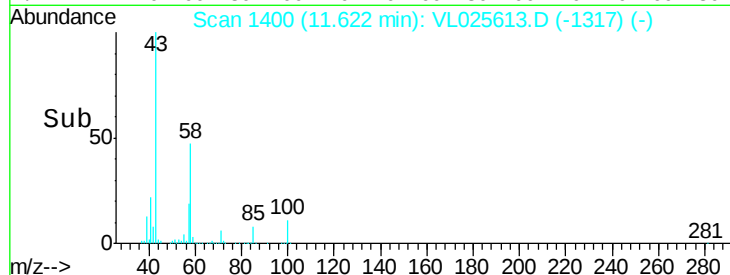
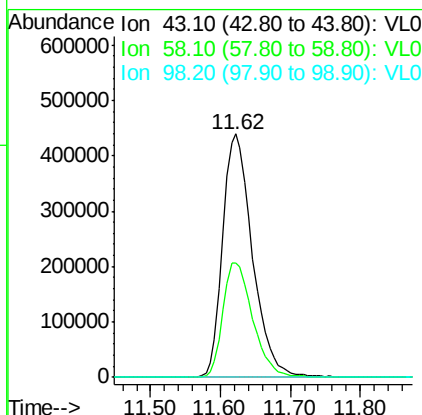
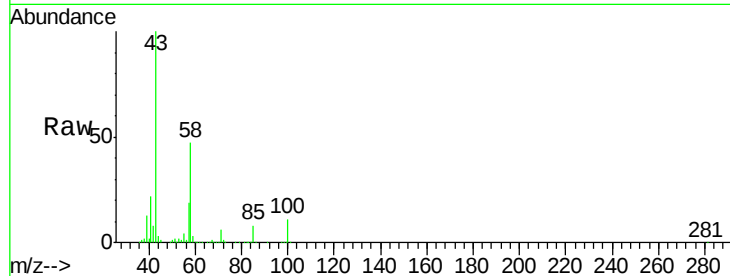
#51
2-Hexanone
Concen: 10.45 ppbv
RT: 11.62 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

Tgt Ion: 43 Resp: 1301505
Ion Ratio Lower Upper
43 100
58 47.4 39.0 58.6
98 0.4 0.2 0.4#

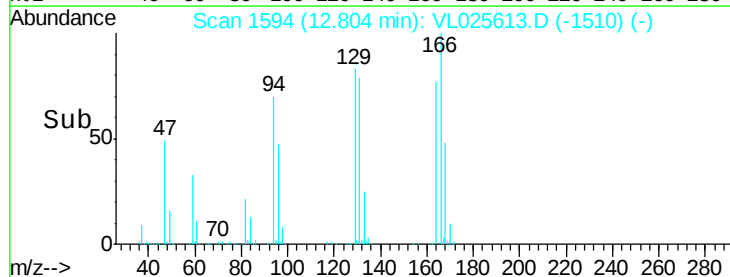
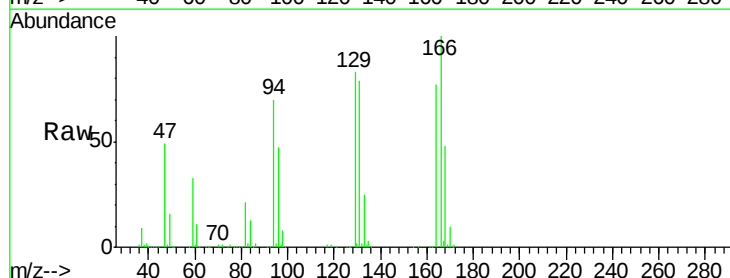
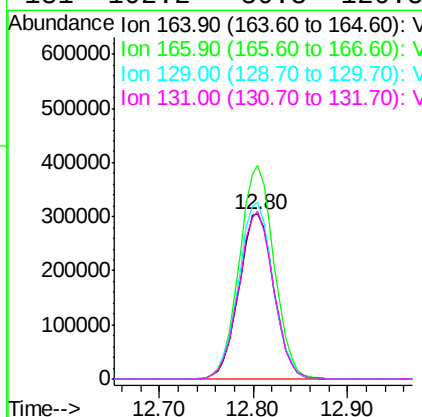
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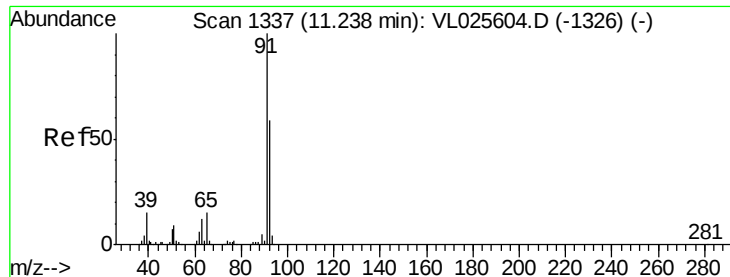
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#52
Tetrachloroethene
Concen: 9.72 ppbv
RT: 12.80 min Scan# 1594
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 164 Resp: 792852
Ion Ratio Lower Upper
164 100
166 129.8 102.3 153.5
129 107.3 86.2 129.4
131 102.2 80.3 120.5





#53

Toluene

Concen: 9.66 ppbv

RT: 11.24 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion: 91 Resp: 2207757

Ion Ratio Lower Upper

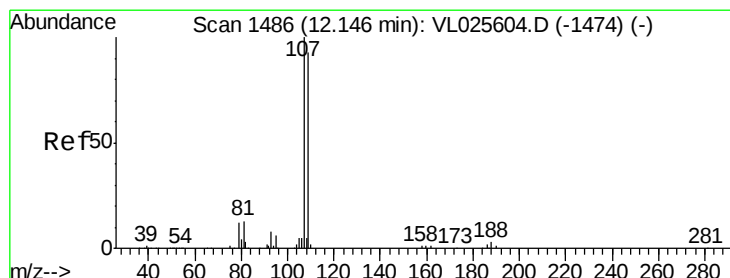
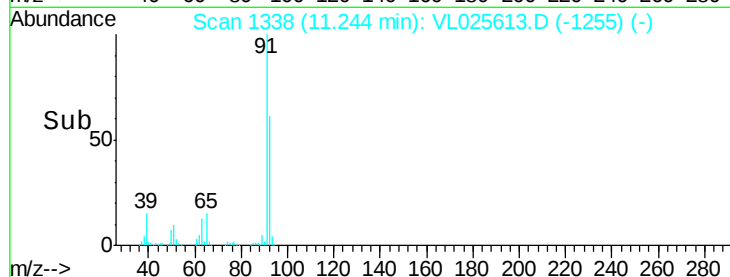
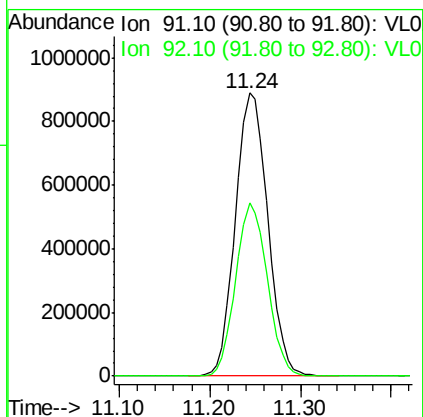
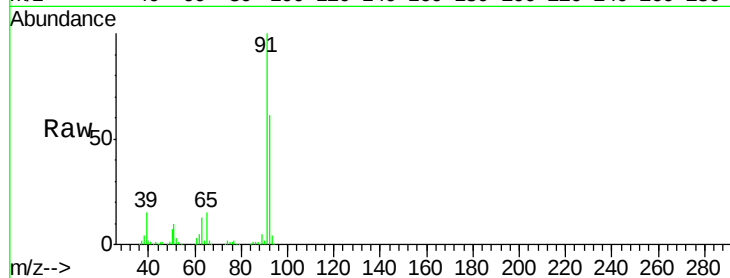
91 100

92 60.1 48.2 72.2

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#54

1,2-Dibromoethane

Concen: 9.03 ppbv

RT: 12.15 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VL025613.D

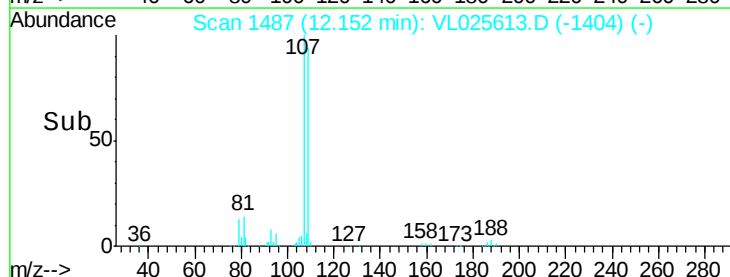
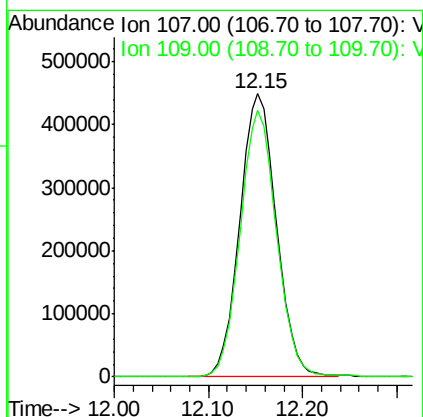
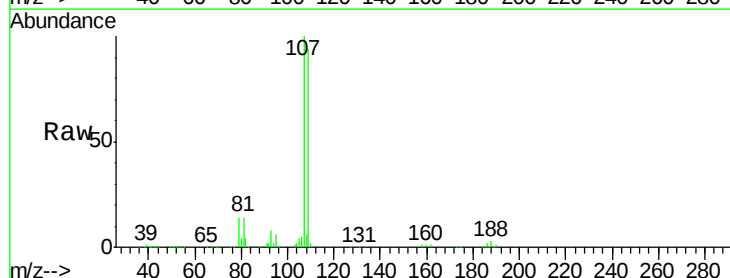
Acq: 7 Jul 2015 17:57

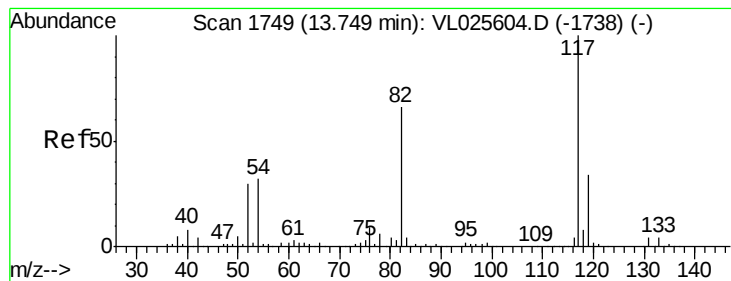
Tgt Ion: 107 Resp: 1221363

Ion Ratio Lower Upper

107 100

109 94.1 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.00 ppbv m

RT: 13.76 min Scan# 1750

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

Instrument :

MSVOA_L

ClientSampleId :

VL0707ABS01

Tgt Ion:117 Resp: 2219483

Ion Ratio Lower Upper

117 100

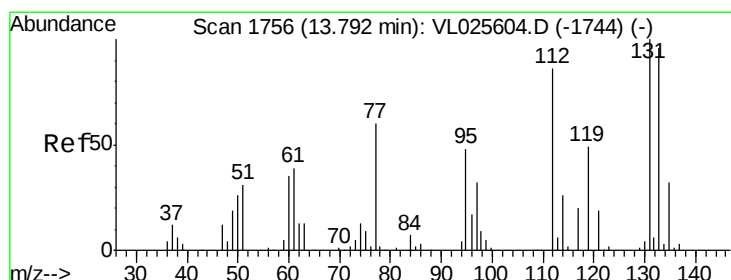
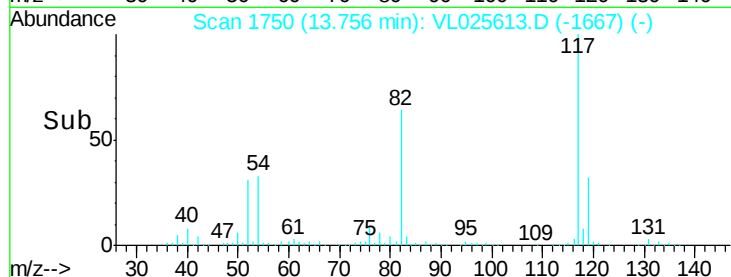
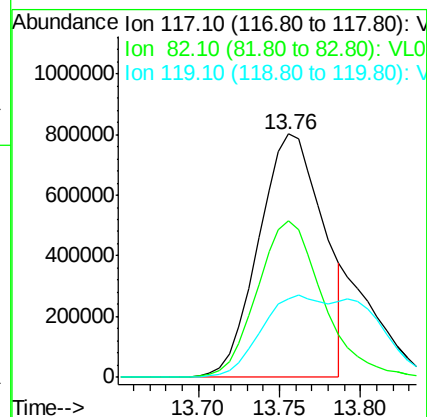
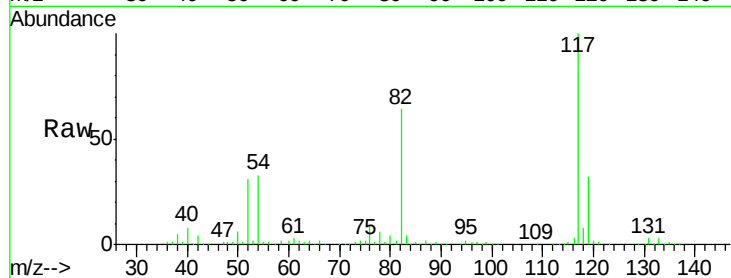
82 66.2 50.5 75.7

119 59.6 45.1 67.7

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#56

1,1,1,2-Tetrachloroethane

Concen: 9.09 ppbv

RT: 13.80 min Scan# 1757

Delta R.T. 0.01 min

Lab File: VL025613.D

Acq: 7 Jul 2015 17:57

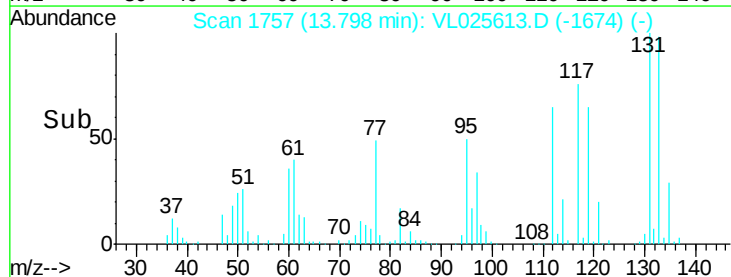
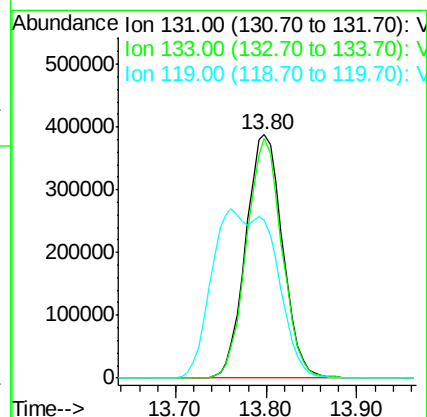
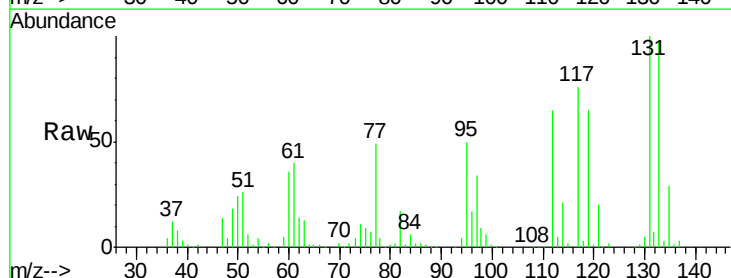
Tgt Ion:131 Resp: 1091184

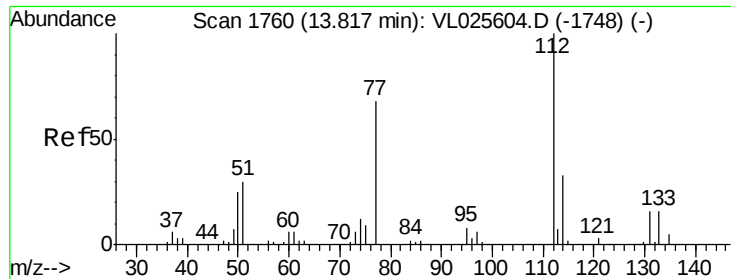
Ion Ratio Lower Upper

131 100

133 95.2 76.9 115.3

119 121.2 97.8 146.8





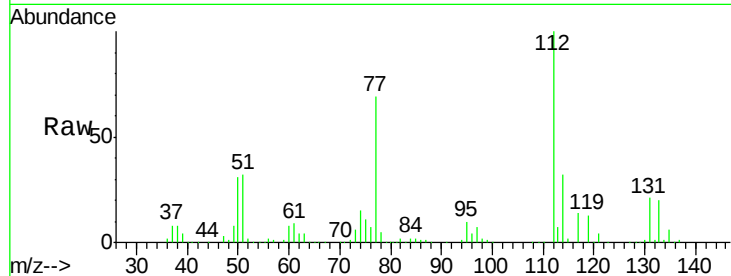
#57
Chlorobenzene
Concen: 8.49 ppbv
RT: 13.82 min Scan# 1761
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

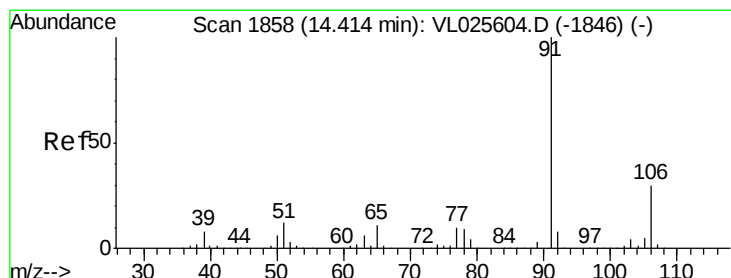
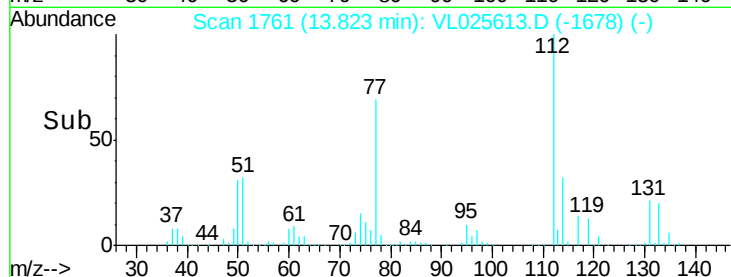
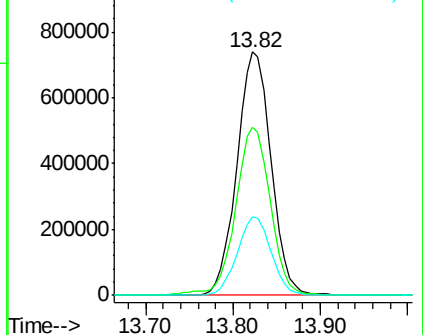
Tgt Ion: 112 Resp: 2006029
Ion Ratio Lower Upper
112 100
77 68.8 55.2 82.8
114 32.0 29.4 36.0

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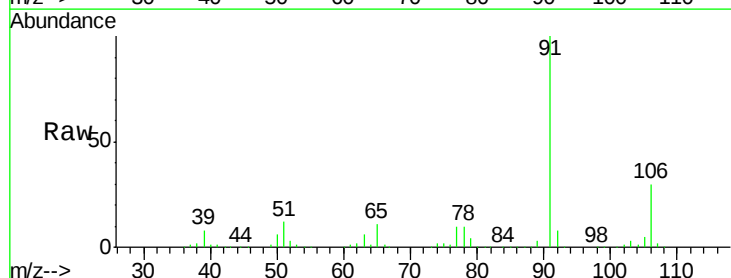


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

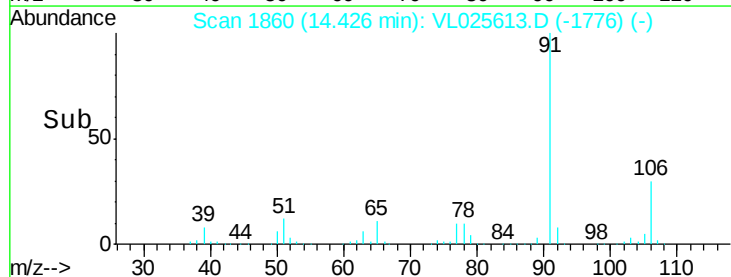
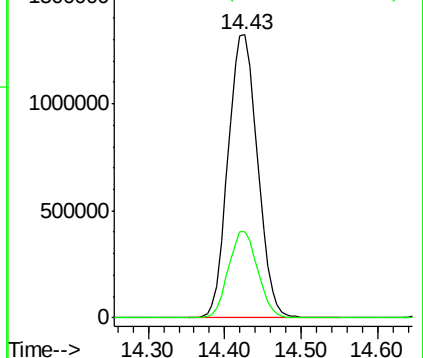


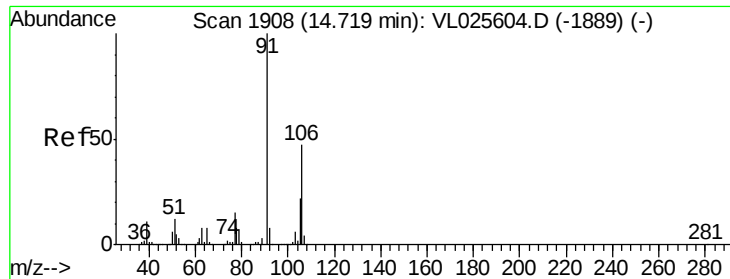
#58
Ethyl Benzene
Concen: 9.67 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Tgt Ion: 91 Resp: 3546041
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





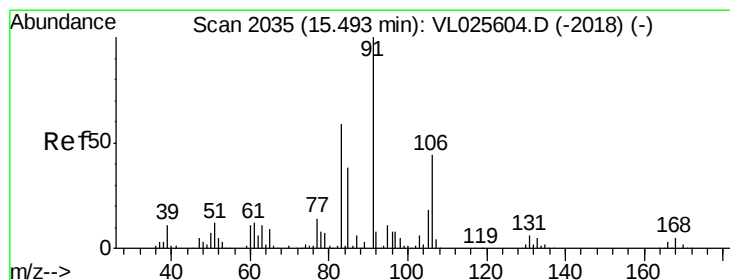
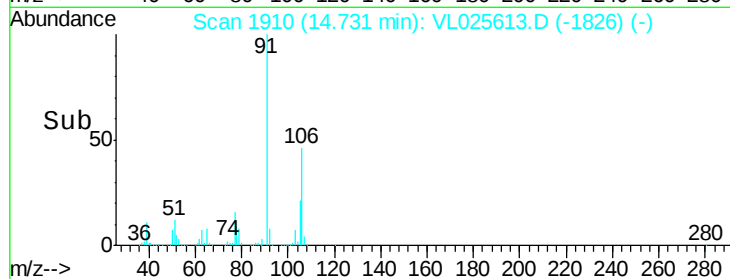
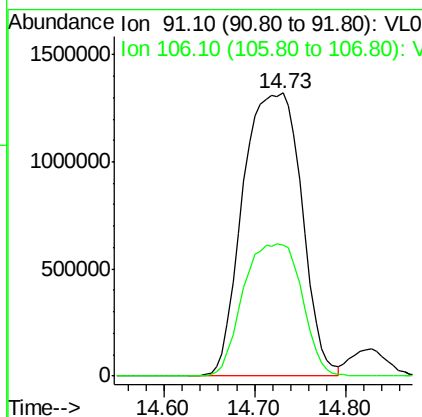
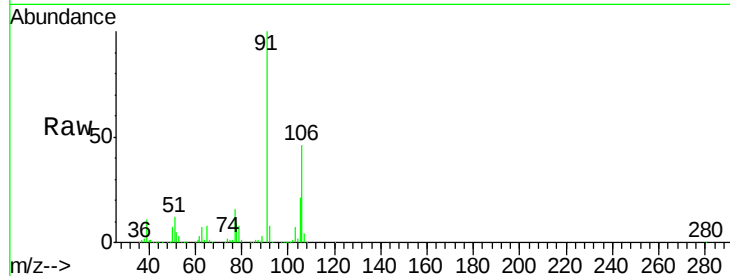
#59
m/p-Xylene
Concen: 18.35 ppbv
RT: 14.73 min Scan# 1910
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

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

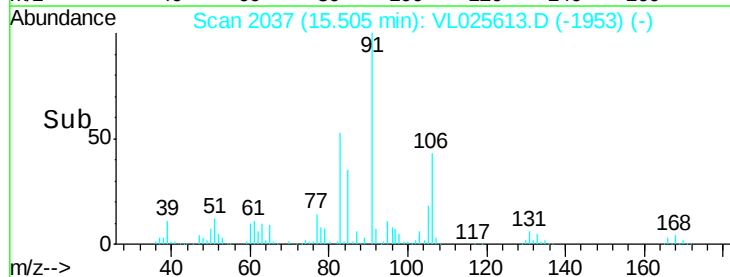
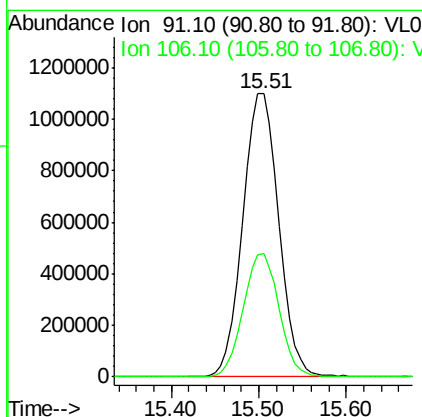
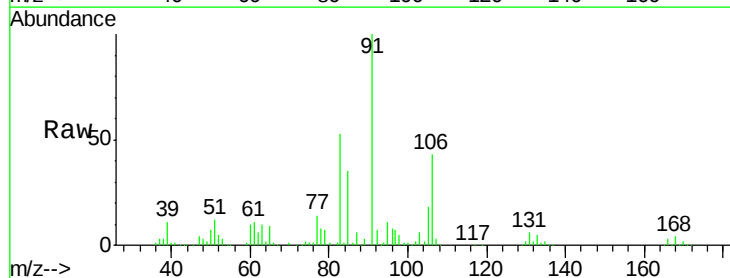
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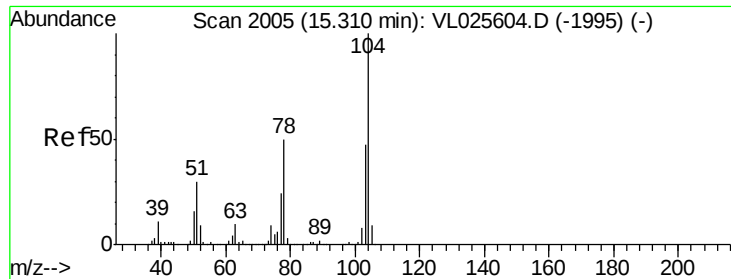
sam
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#60
o-Xylene
Concen: 9.06 ppbv
RT: 15.51 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

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





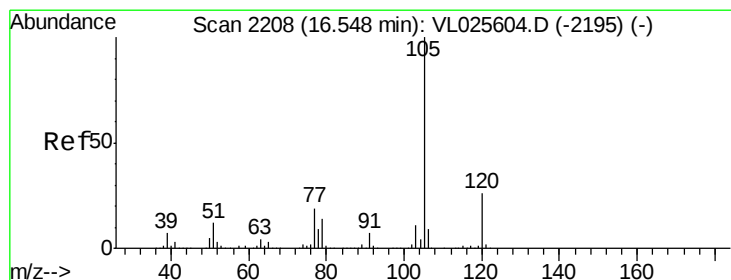
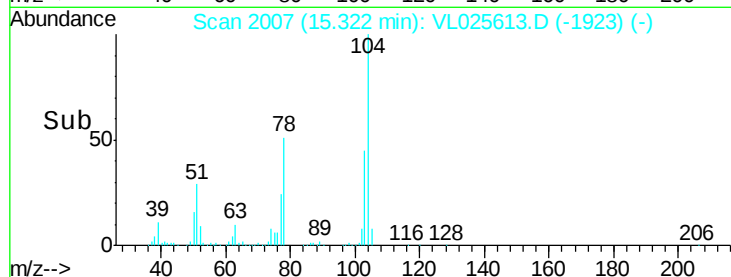
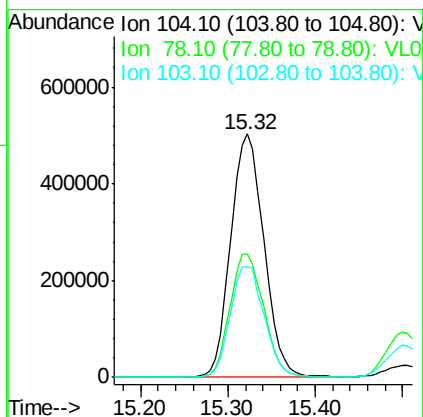
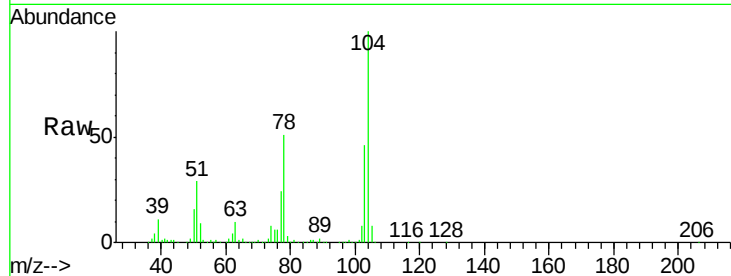
#61
Styrene
Concen: 10.96 ppbv
RT: 15.32 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

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

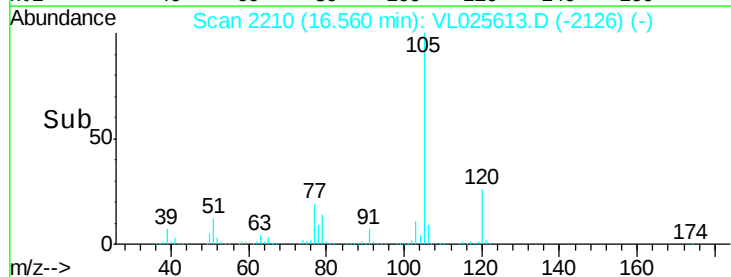
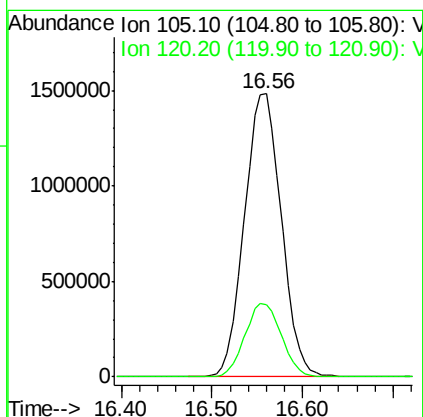
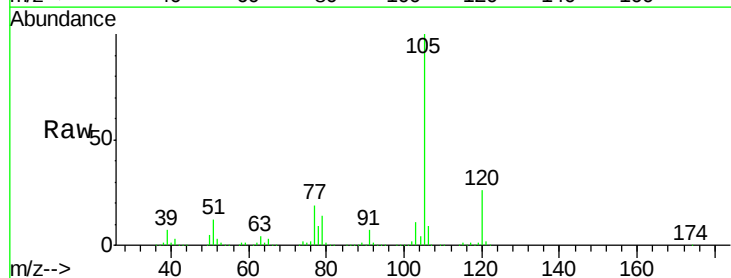
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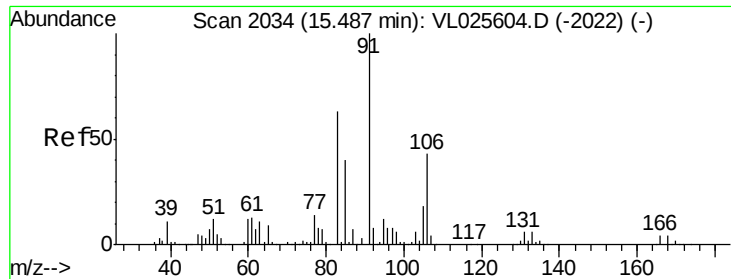
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#62
Isopropylbenzene
Concen: 9.22 ppbv
RT: 16.56 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

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





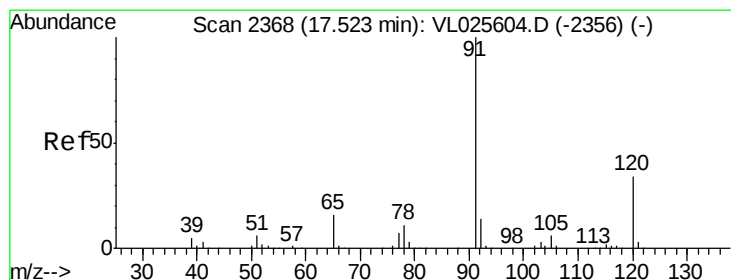
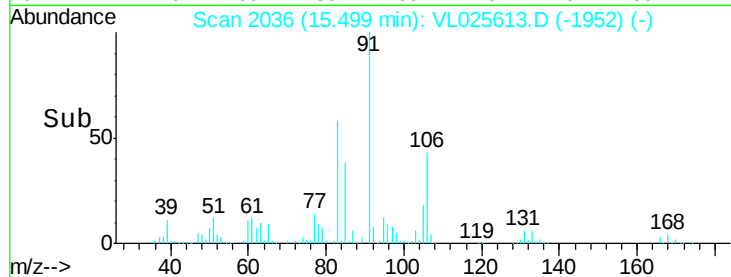
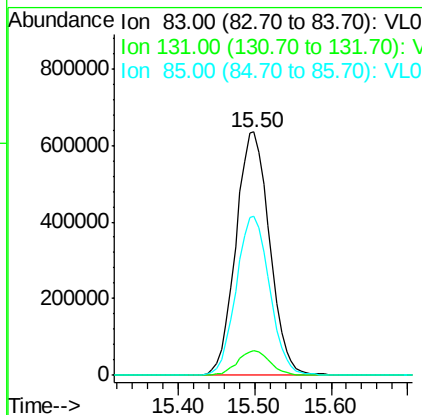
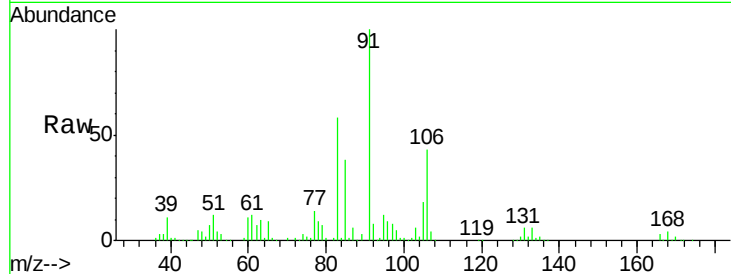
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.29 ppbv
 RT: 15.50 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion: 83 Resp: 1945779
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.4
 85 65.1 32.4 97.2

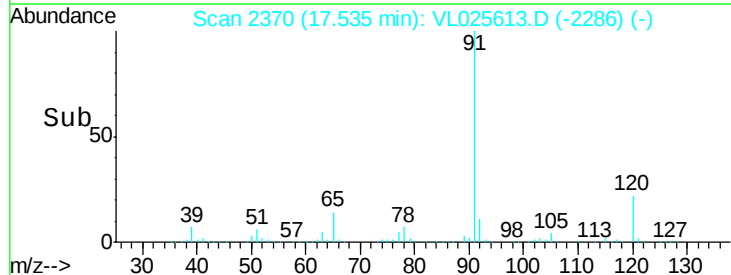
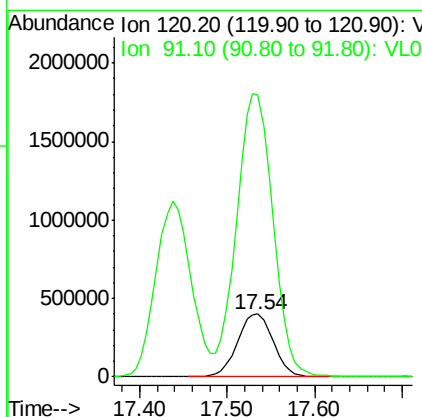
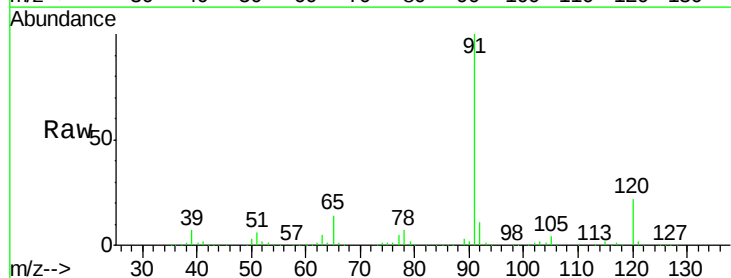
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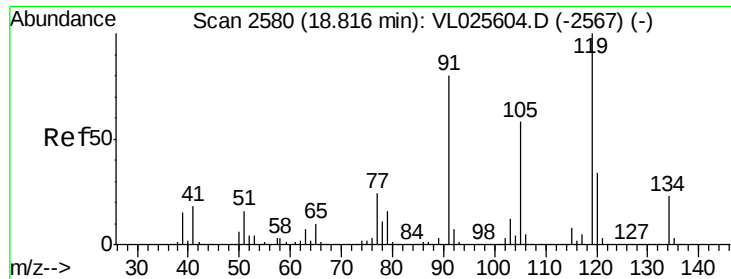
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#64
 n-propylbenzene
 Concen: 9.30 ppbv
 RT: 17.54 min Scan# 2370
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 120 Resp: 1139497
 Ion Ratio Lower Upper
 120 100
 91 457.2 370.5 555.7





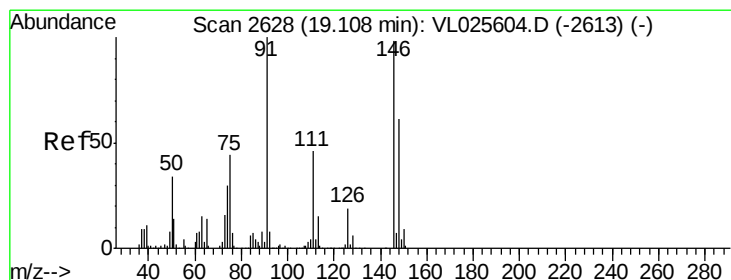
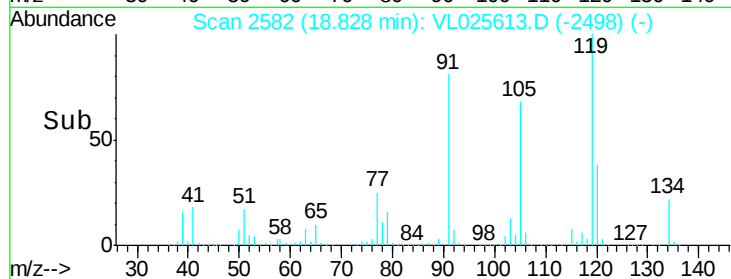
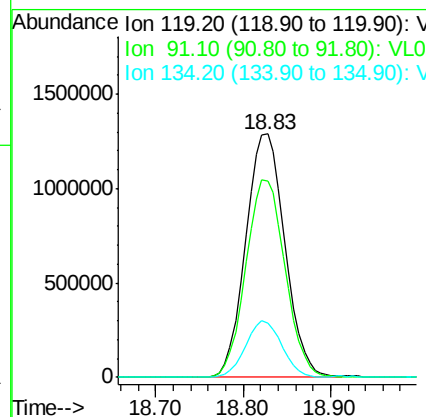
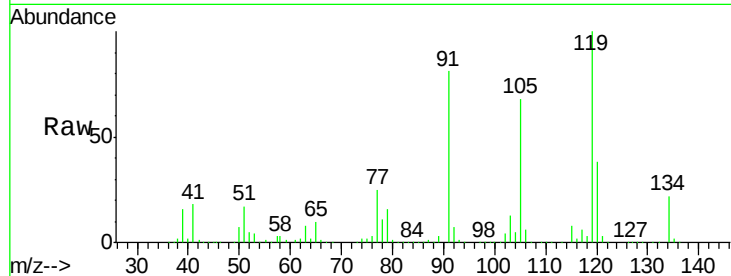
#65
tert-Butylbenzene
Concen: 9.05 ppbv
RT: 18.83 min Scan# 2582
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

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

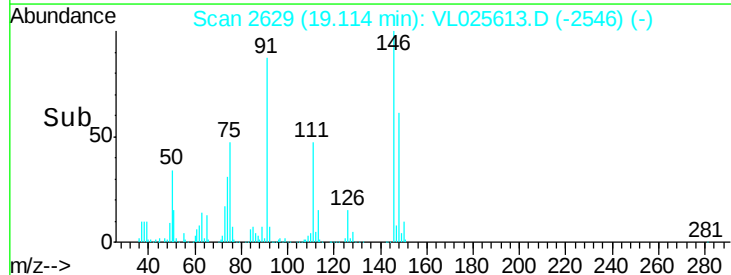
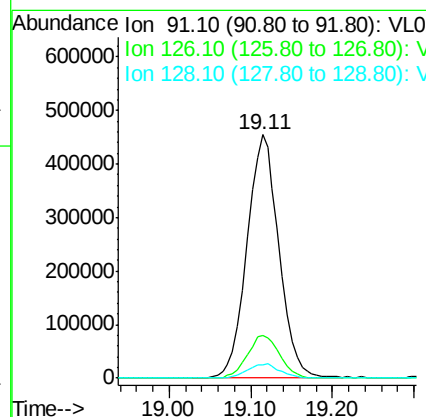
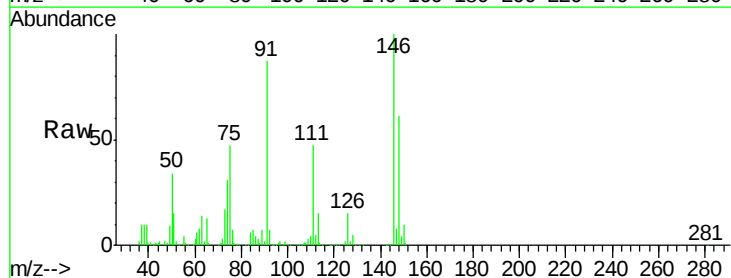
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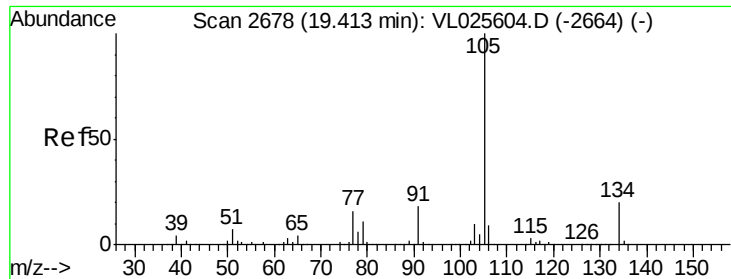
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#66
Benzyl Chloride
Concen: 7.53 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

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





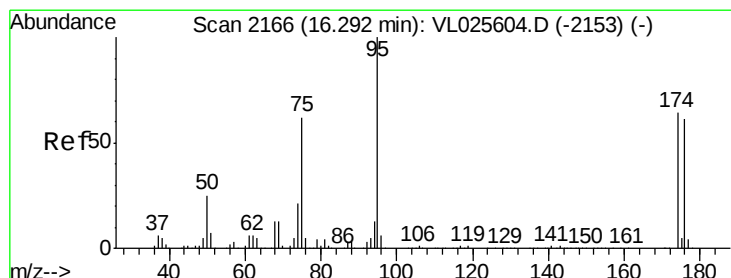
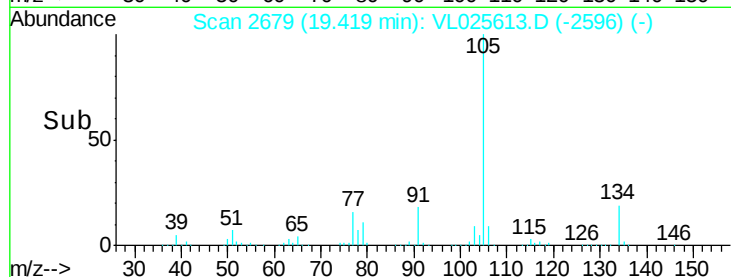
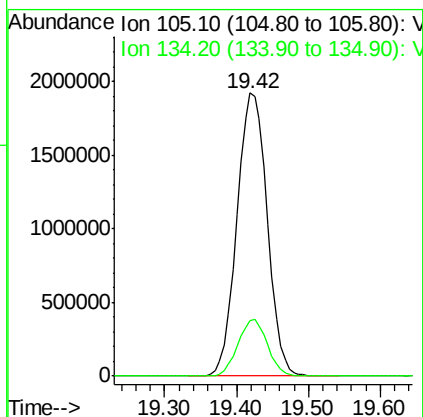
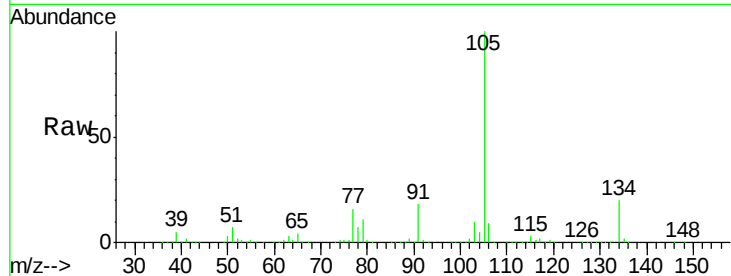
#67
 sec-Butylbenzene
 Concen: 8.99 ppbv
 RT: 19.42 min Scan# 2679
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion: 105 Resp: 5607603
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.4 23.2

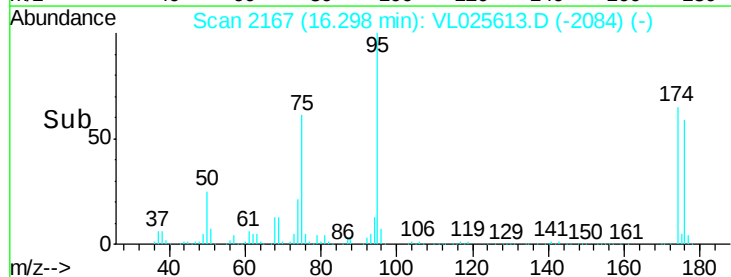
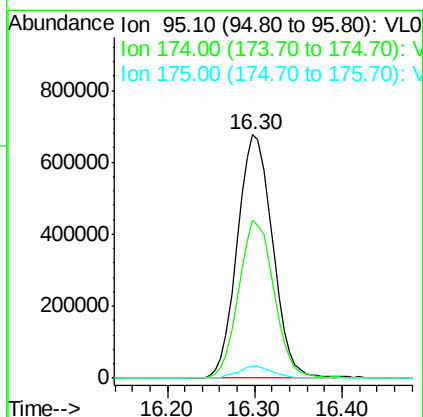
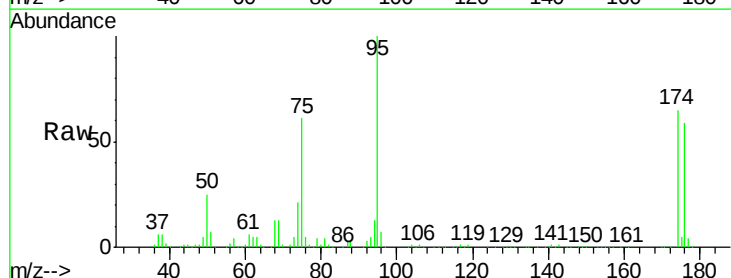
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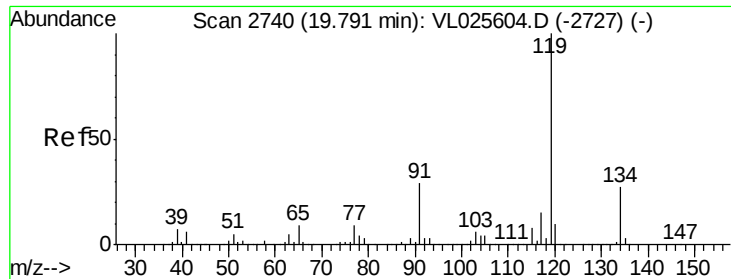
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.16 ppbv
 RT: 16.30 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 95 Resp: 1901885
 Ion Ratio Lower Upper
 95 100
 174 65.2 52.0 78.0
 175 4.8 3.9 5.9





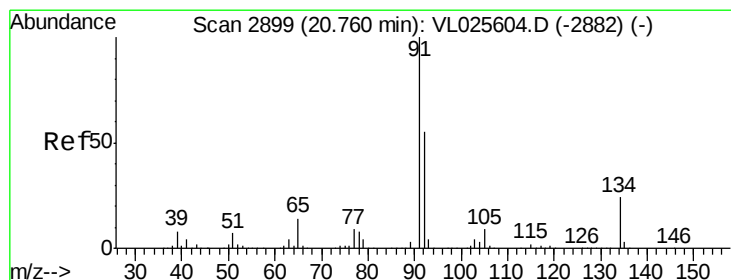
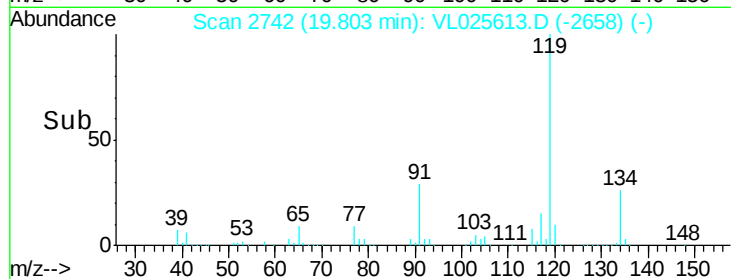
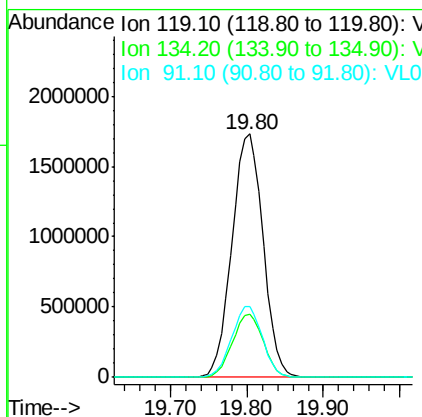
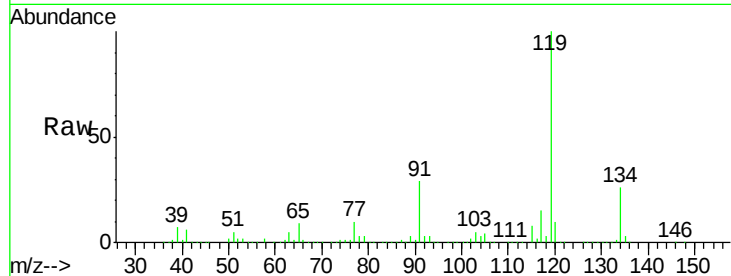
#69
 p-Isopropyltoluene
 Concen: 9.50 ppbv
 RT: 19.80 min Scan# 2742
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

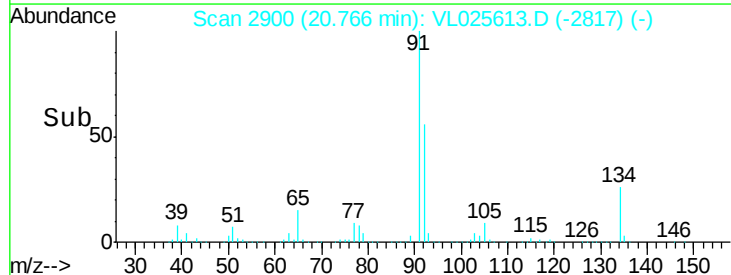
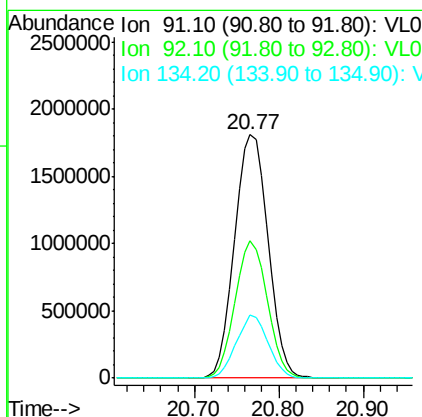
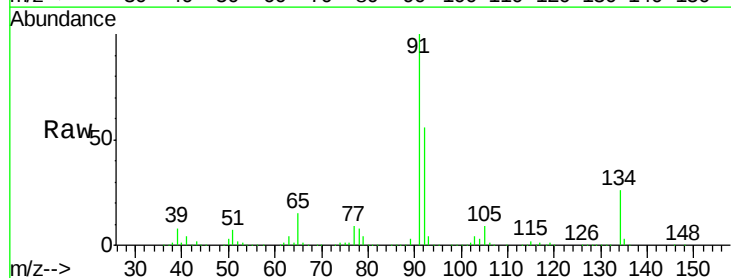
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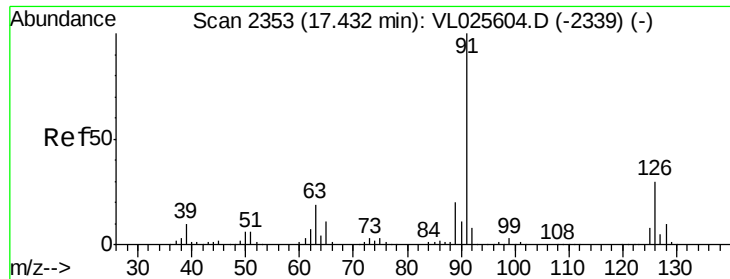
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#70
 n-Butylbenzene
 Concen: 9.36 ppbv
 RT: 20.77 min Scan# 2900
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 91 Resp: 4881285
 Ion Ratio Lower Upper
 91 100
 92 54.4 44.3 66.5
 134 24.4 19.4 29.2





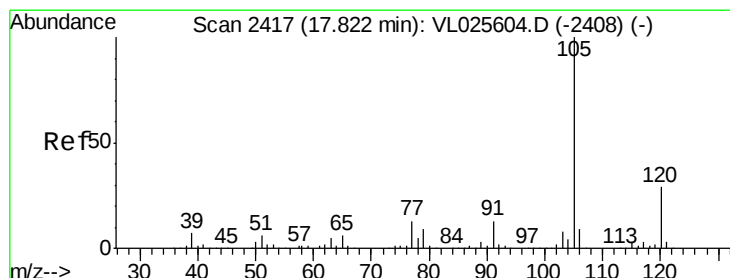
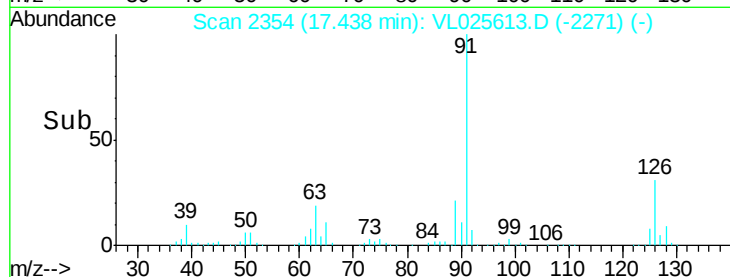
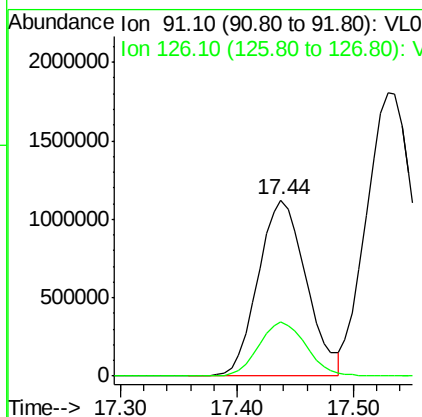
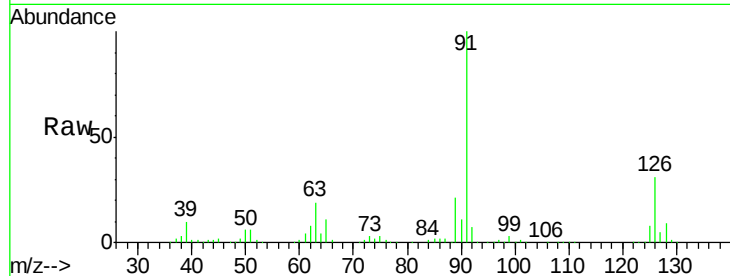
#71
 2-Chlorotoluene
 Concen: 9.70 ppbv
 RT: 17.44 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

Tgt Ion: 91 Resp: 3226308
 Ion Ratio Lower Upper
 91 100
 126 30.5 12.2 49.0

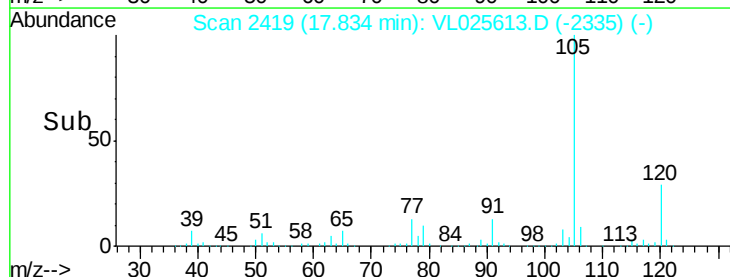
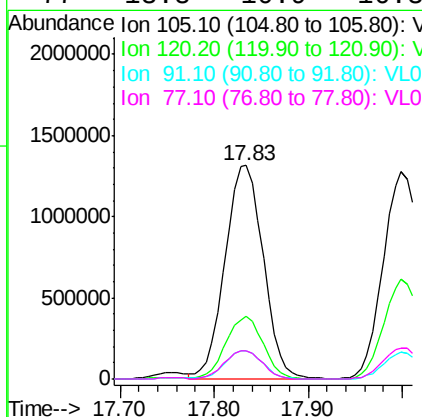
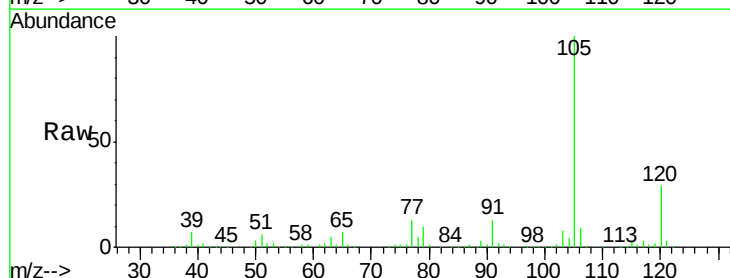
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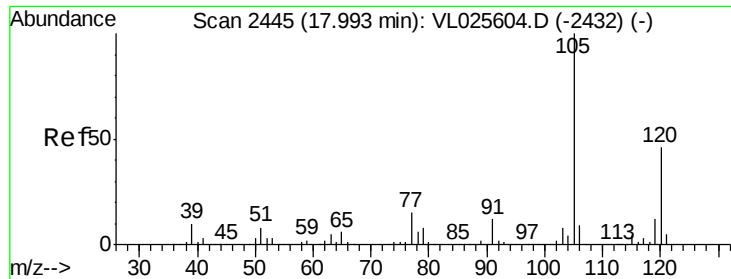
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#72
 4-Ethyltoluene
 Concen: 9.72 ppbv
 RT: 17.83 min Scan# 2419
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion: 105 Resp: 3728517
 Ion Ratio Lower Upper
 105 100
 120 29.6 23.9 35.9
 91 13.5 10.3 15.5
 77 13.8 10.9 16.3





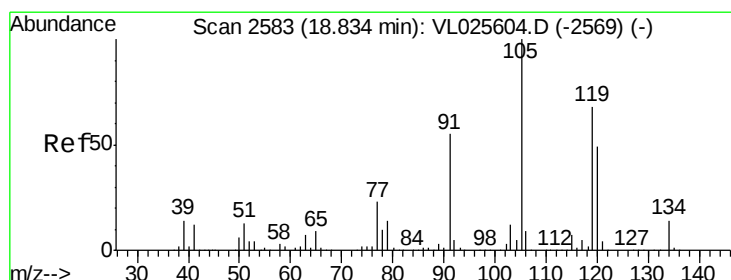
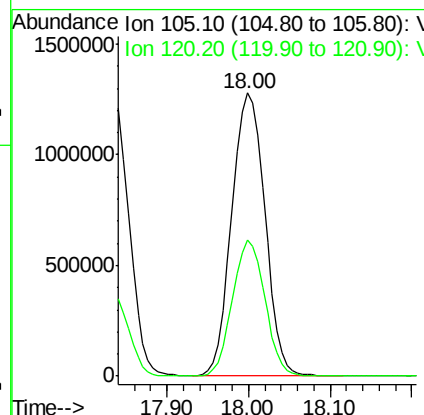
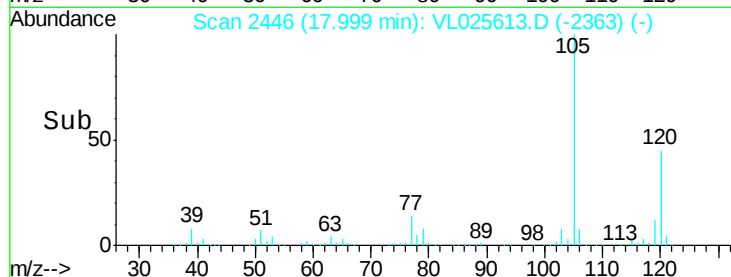
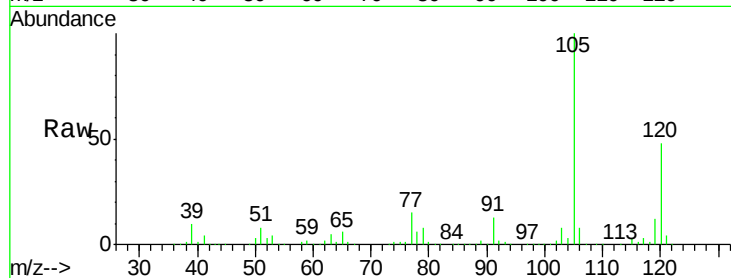
#73
 1,3,5-Trimethylbenzene
 Concen: 9.55 ppbv
 RT: 18.00 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

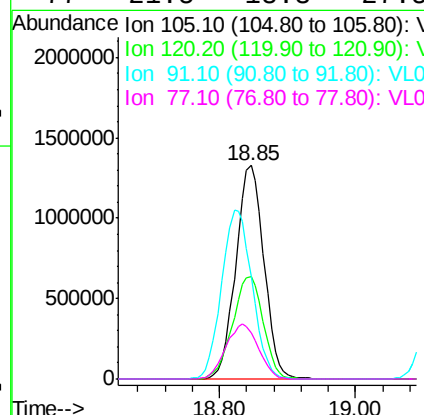
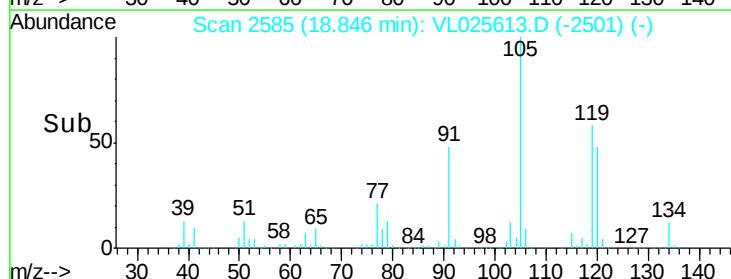
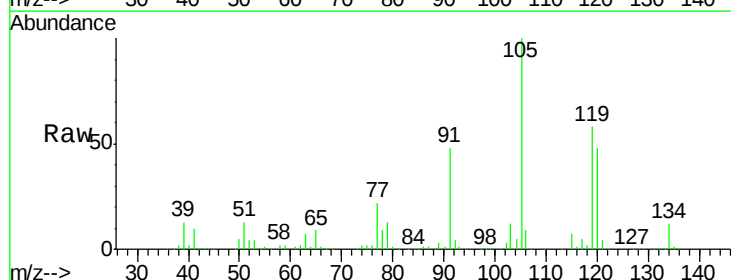
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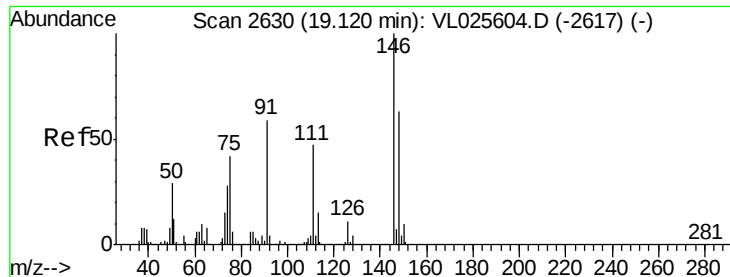
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#74
 1,2,4-Trimethylbenzene
 Concen: 9.02 ppbv
 RT: 18.85 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

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





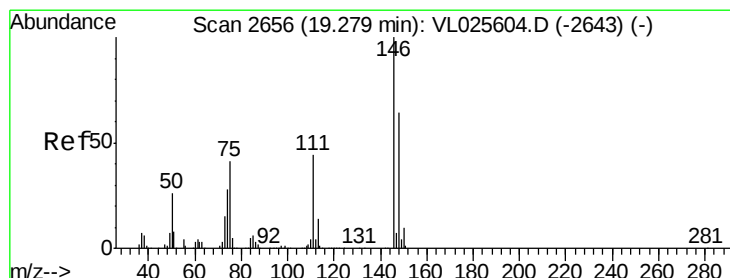
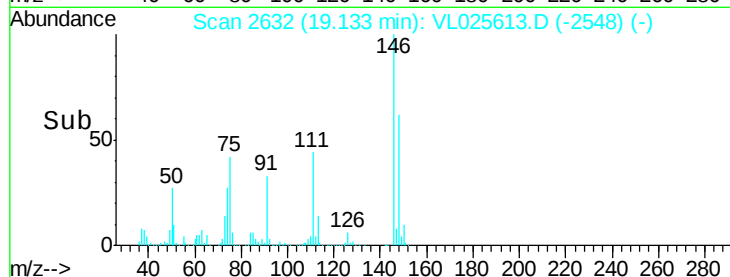
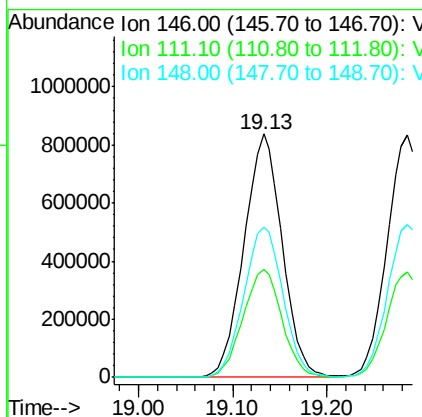
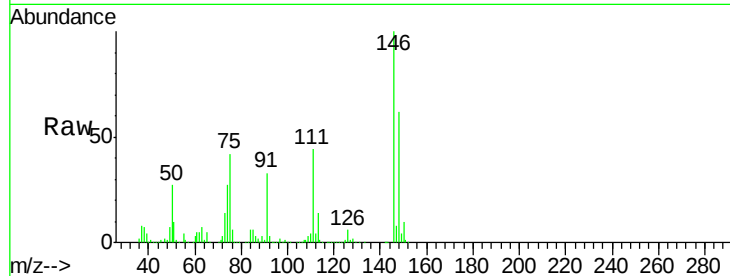
#75
 1,3-Dichlorobenzene
 Concen: 8.68 ppbv
 RT: 19.13 min Scan# 2632
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

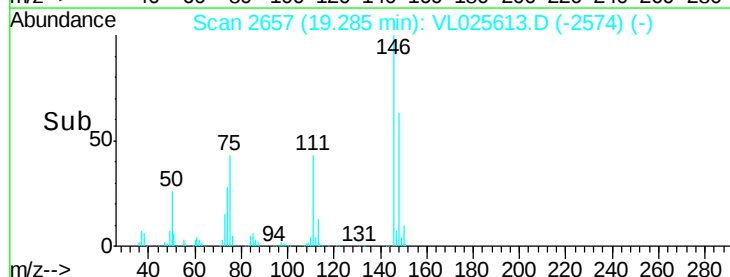
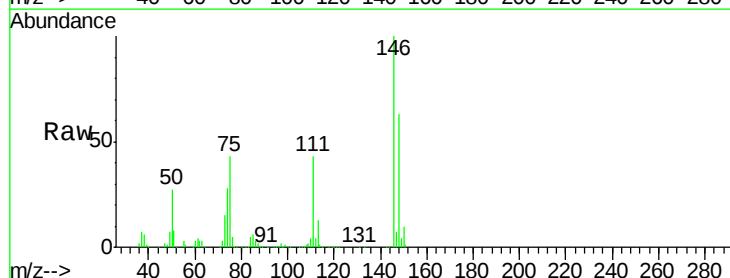
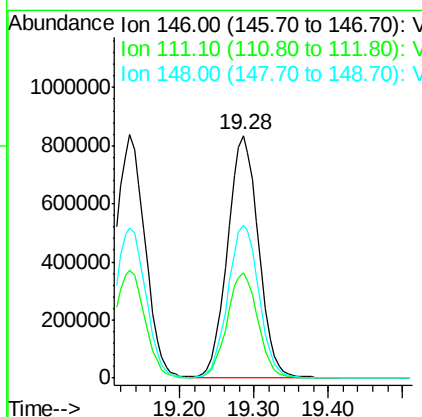
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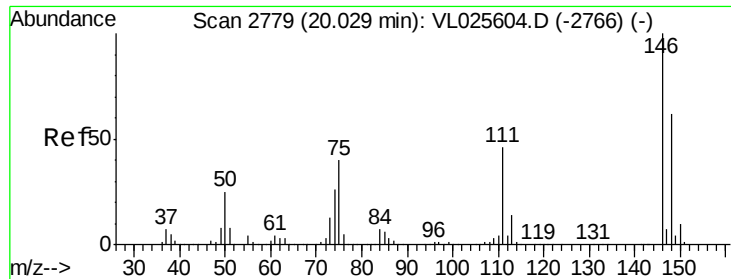
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#76
 1,4-Dichlorobenzene
 Concen: 8.80 ppbv
 RT: 19.28 min Scan# 2657
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

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





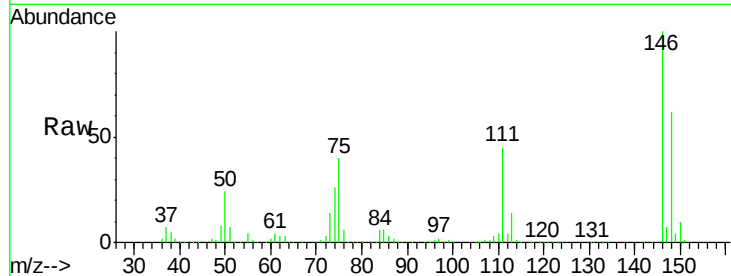
#77
 1,2-Dichlorobenzene
 Concen: 8.67 ppbv
 RT: 20.04 min Scan# 2781
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

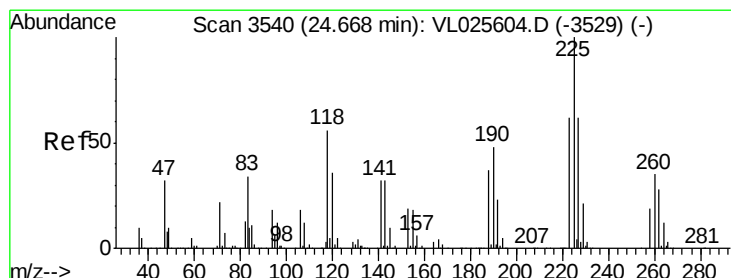
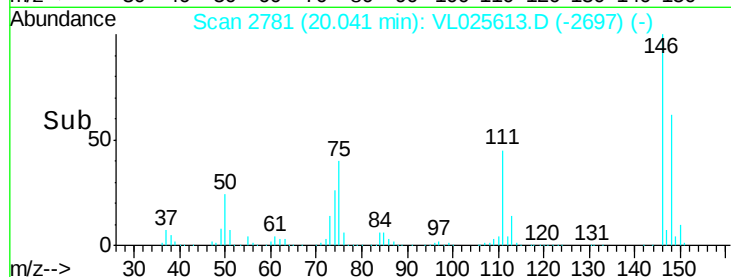
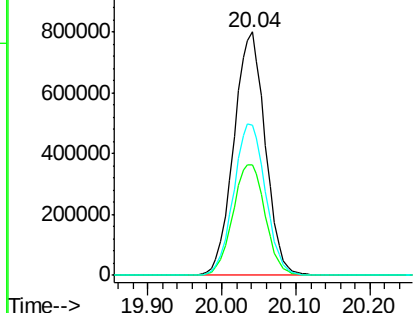
Tgt Ion:146 Resp: 2366274
 Ion Ratio Lower Upper
 146 100
 111 47.0 23.4 70.3
 148 63.4 31.6 94.8

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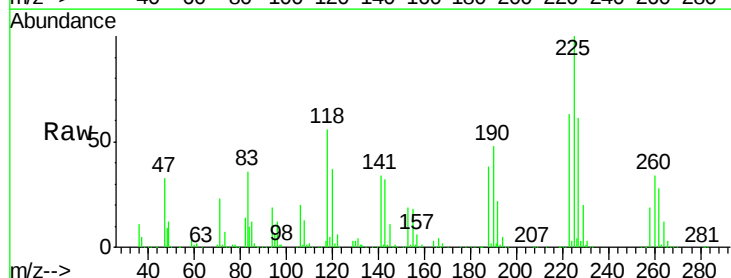


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

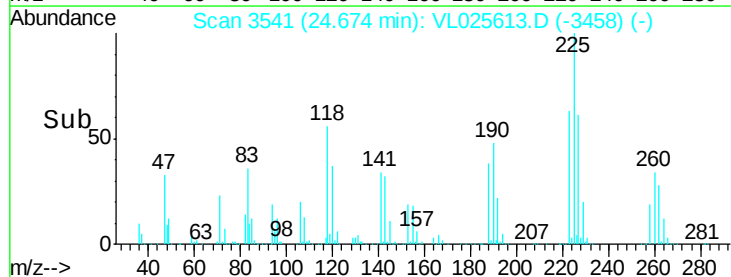
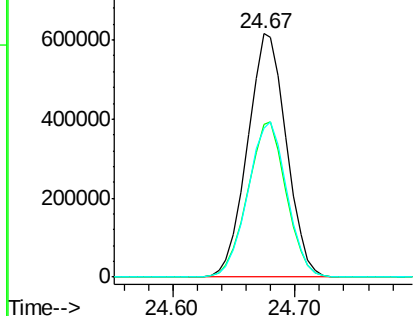


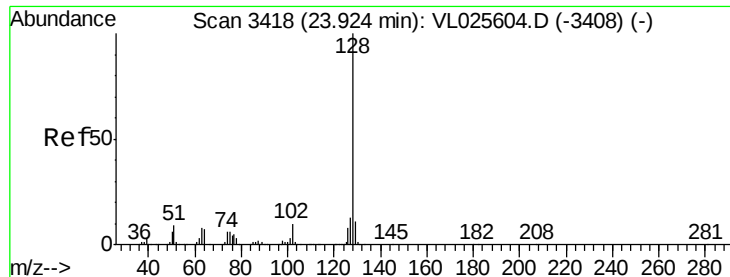
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.12 ppbv
 RT: 24.67 min Scan# 3541
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Tgt Ion:225 Resp: 1362679
 Ion Ratio Lower Upper
 225 100
 223 63.3 50.6 76.0
 227 64.0 50.5 75.7



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





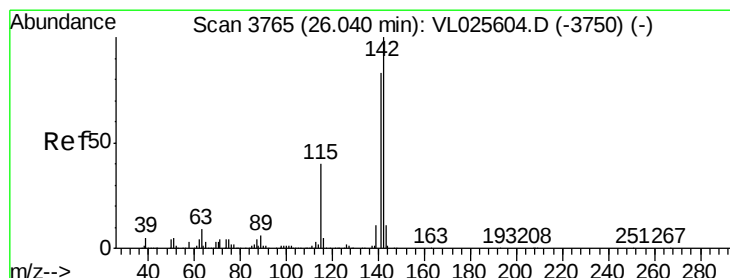
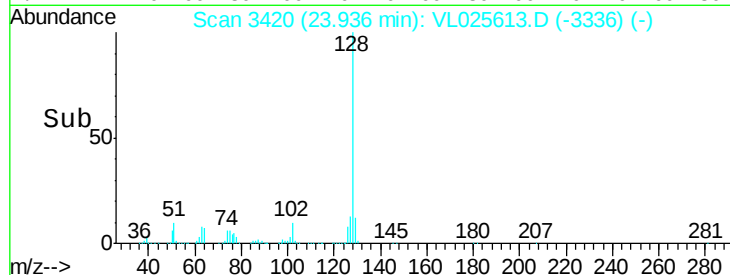
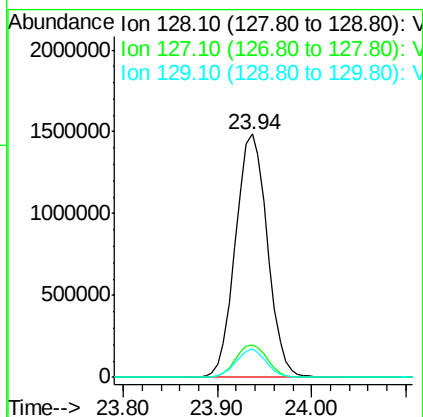
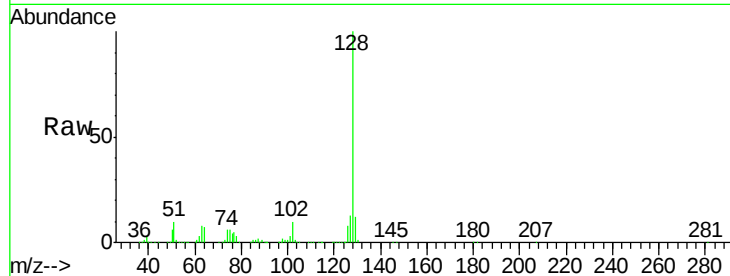
#79
Naphthalene
Concen: 8.63 ppbv
RT: 23.94 min Scan# 3420
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

Instrument :
MSVOA_L
ClientSampleId :
VL0707ABS01

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

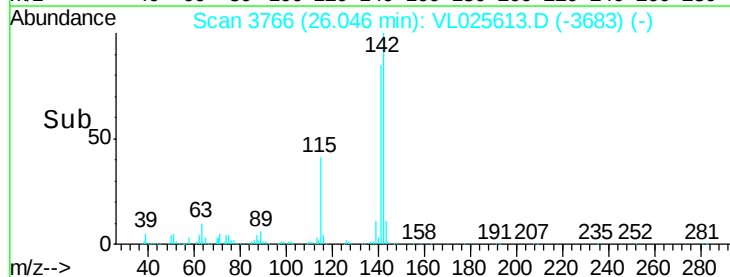
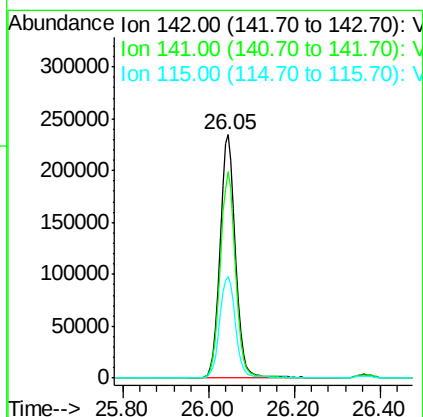
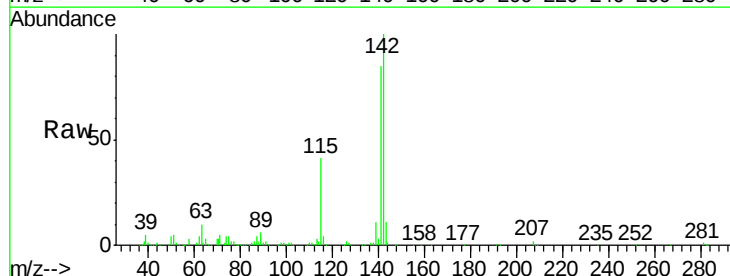
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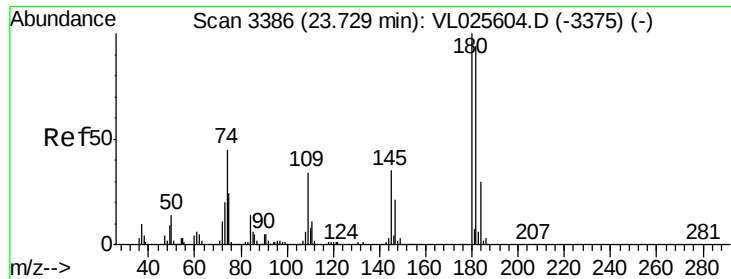
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#80
Naphthalene, 2-methyl-
Concen: 5.06 ppbv
RT: 26.05 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VL025613.D
Acq: 7 Jul 2015 17:57

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





#81
 1,2,4-Trichlorobenzene
 Concen: 9.35 ppbv
 RT: 23.74 min Scan# 3388
 Delta R.T. 0.01 min
 Lab File: VL025613.D
 Acq: 7 Jul 2015 17:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0707ABS01

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

Manual Integrations
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